

# CLARKSON OSBORN

T O O L S L T D.

HSS & Carbide Metal Cutting Tools Catalogue

Catalogue D'Outils de coupe en métal de HSS et de Carbure

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2013

Canada's Most Complete Line of Cutting Tools  
The First Choice for Service, Quality and Value

2014

# **CLARKSON OSBORN**

T O O L S L T D.

**25 Hansen Road South  
Brampton, Ontario L6W 3H8**

## **The First Choice For Service, Quality & Value.**

Clarkson-Osborn is one of the largest manufacturers of cutting tools in Europe, with a complete focus on customer needs throughout the world allowing us to offer you the best in quality, the best in service, the best in delivery, and the best stock availability program. In addition our extensive and continuous research and development program has kept the company one step ahead of technology which is essential in providing the best cutting solutions for the increased sophistication in machine tools and the introduction of new processes and materials.

## **The First Choice For New Products.**

Clarkson-Osborn has made it easier for our distributors to do business with the ongoing introduction of new products such as the Two-Tone SP multipurpose drill, the Cor-L application specific drill, the Rip-R asymmetric profile cutter, and the breakthrough WhisperMill HSC high speed cutter program to name a few examples. These continuous introductions are absolutely necessary in order to stay one step ahead of technology.

## **The First Choice For Specials And Modified Standards.**

Clarkson-Osborn will be pleased to quote your requirements for any cutting tool that you can not find listed here. We can make recommendations against your drawings whether they are for the cutting tool or the component to be cut.

## **The First Choice For Our Distributors.**

Clarkson-Osborn products are sold through local, independent distributors who specialize in a wide variety of quality products for industry. They know your plant, your people, and your requirements. Local stock keeps the end user's lead time and plant inventory at a minimum. We are totally committed to our distribution network across North America.

**[www.clarkson-osborn.com](http://www.clarkson-osborn.com)  
1-800-268-0810**



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Forets - Queue Cylindrique**

**2**

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ONLY **CLARKSON-OSBORN** DISTRIBUTORS HAVE THESE  
PROVEN PRODUCTS:  
SEULEMENT LES DISTRIBUTEURS DE **CLARKSON-OSBORN**  
ONT LES PRODUITS SUIVANTS:

**CLARKSON-OSBORN**  
**TWO-TONE**  
MULTIPLE APPLICATION DRILLS

*CoR-L*

CLARKSON-OSBORN  
**DIN**  
APPLICATION TAPS

  
**WARWICK**  
STRAIGHT FLUTE TAPS

  
**WIZARD**  
SPIRAL POINT TAPS

  
**MERLIN**  
SPIRAL FLUTE TAPS

  
**MERCURY**  
FLUTELESS TAPS

  
**AST**  
APPLICATION SPECIFIC TAPS

*FC3*

*RiP-R*

 **WhisperMill HSC**  
Solid Carbide

**CLARKSON OSBORN**  
CORPORATION



# DRILLS

Straight Shank

# FORETS

Queue Cylindrique

**JOBBER DRILLS - RIGHT HAND - TWO TONE - 135° SPLIT POINT - FRACTIONAL**  
**FORETS A QUEUE CYLINDRIQUE - TWO TONE - POINTE EN CROIX 135° - FRACTIONNEL**

**DR02**



**CLARKSON-OSBORN**  
**TWO-TONE**  
 MULTIPLE APPLICATION DRILLS

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

CODE	FRAC	NO	DEC	FLT	QA	PKG	SEA
DR02280		80	0.0135	5/32	3/4	10	4.33
DR02279		79	0.0145	5/32	3/4	10	4.33
DR02001	1/64		0.0156	3/16	13/16	10	3.59
DR02278		78	0.0160	3/16	13/16	10	3.66
DR02277		77	0.0180	3/16	13/16	10	3.66
DR02276		76	0.0200	1/4	7/8	10	3.66
DR02275		75	0.0210	9/32	15/16	10	3.66
DR02274		74	0.0225	9/32	15/16	10	3.66
DR02273		73	0.0240	5/16	1"	10	3.66
DR02272		72	0.0250	5/16	1"	10	3.66
DR02271		71	0.0260	5/16	1"	10	3.66
DR02270		70	0.0280	11/32	1-1/8	10	3.26
DR02269		69	0.0292	11/32	1-1/8	10	3.26
DR02268		68	0.0310	13/32	1-3/16	10	2.79
DR02002	1/32		0.0312	13/32	1-3/16	10	2.28
DR02267		67	0.0320	13/32	1-3/16	10	2.79
DR02266		66	0.0330	13/32	1-3/16	10	2.79
DR02265		65	0.0350	7/16	1-1/4	10	2.79
DR02264		64	0.0360	7/16	1-1/4	10	2.79
DR02263		63	0.0370	7/16	1-1/4	10	2.79
DR02262		62	0.0380	15/32	1-5/16	10	2.79
DR02261		61	0.0390	15/32	1-5/16	10	2.79
DR02260		60	0.0400	11/16	1-5/8	10	2.79
DR02259		59	0.0410	11/16	1-5/8	10	2.79
DR02258		58	0.0420	11/16	1-5/8	10	2.79
DR02257		57	0.0430	3/4	1-3/4	10	2.79
DR02256		56	0.0465	3/4	1-3/4	10	2.69
DR02003	3/64		0.0469	7/8	1-7/8	10	2.23
DR02255		55	0.0520	7/8	1-7/8	10	2.69
DR02254		54	0.0550	7/8	1-7/8	10	2.69
DR02253		53	0.0595	7/8	1-7/8	10	2.54
DR02004	1/16		0.0625	7/8	1-7/8	10	2.23
DR02252		52	0.0635	7/8	1-7/8	10	2.54
DR02251		51	0.0670	1"	2"	10	2.54
DR02250		50	0.0700	1"	2"	10	2.54
DR02249		49	0.0730	1"	2"	10	2.54
DR02248		48	0.0760	1"	2"	10	2.54
DR02005	5/64		0.0781	1"	2"	10	2.23
DR02247		47	0.0785	1"	2"	10	2.54
DR02246		46	0.0810	1-1/8	2-1/8	10	2.54
DR02245		45	0.0820	1-1/8	2-1/8	10	2.54
DR02244		44	0.0860	1-1/8	2-1/8	10	2.54
DR02243		43	0.0890	1-1/4	2-1/4	10	2.54
DR02242		42	0.0935	1-1/4	2-1/4	10	2.54
DR02006	3/32		0.0938	1-1/4	2-1/4	10	2.23
DR02241		41	0.0960	1-3/8	2-3/8	10	2.69
DR02240		40	0.0980	1-3/8	2-3/8	10	2.69
DR02239		39	0.0995	1-3/8	2-3/8	10	2.69
DR02238		38	0.1015	1-7/16	2-1/2	10	2.80
DR02237		37	0.1040	1-7/16	2-1/2	10	2.80

CODE	FRAC	NO	DEC	FLT	QA	PKG	SEA
DR02236		36	0.1065	1-7/16	2-1/2	10	2.69
DR02007	7/64		0.1094	1-1/2	2-5/8	10	2.46
DR02235		35	0.1100	1-1/2	2-5/8	10	2.69
DR02234		34	0.1110	1-1/2	2-5/8	10	2.69
DR02233		33	0.1130	1-1/2	2-5/8	10	2.69
DR02232		32	0.1160	1-5/8	2-3/4	10	2.69
DR02231		31	0.1200	1-5/8	2-3/4	10	2.69
DR02008	1/8		0.1250	1-5/8	2-3/4	10	2.86
DR02230		30	0.1285	1-5/8	2-3/4	10	2.60
DR02229		29	0.1360	1-3/4	2-7/8	10	2.60
DR02228		28	0.1405	1-3/4	2-7/8	10	2.60
DR02009	9/64		0.1406	1-3/4	2-7/8	10	2.86
DR02227		27	0.1440	1-7/8	3"	10	2.86
DR02226		26	0.1470	1-7/8	3"	10	2.86
DR02225		25	0.1495	1-7/8	3"	10	2.92
DR02224		24	0.1520	2"	3-1/8	10	3.10
DR02223		23	0.1540	2"	3-1/8	10	3.10
DR02010	5/32		0.1562	2"	3-1/8	10	3.02
DR02222		22	0.1570	2"	3-1/8	10	3.10
DR02221		21	0.1590	2-1/8	3-1/4	10	3.19
DR02220		20	0.1610	2-1/8	3-1/4	10	3.33
DR02219		19	0.1660	2-1/8	3-1/4	10	3.33
DR02218		18	0.1695	2-1/8	3-1/4	10	3.33
DR02011	11/64		0.1719	2-1/8	3-1/4	10	3.26
DR02217		17	0.1730	2-3/16	3-3/8	10	3.75
DR02216		16	0.1770	2-3/16	3-3/8	10	3.75
DR02215		15	0.1800	2-3/16	3-3/8	10	3.84
DR02214		14	0.1820	2-3/16	3-3/8	10	3.84
DR02213		13	0.1850	2-5/16	3-1/2	10	3.84
DR02012	3/16		0.1875	2-5/16	3-1/2	10	3.65
DR02212		12	0.1880	2-5/16	3-1/2	10	4.22
DR02211		11	0.1910	2-5/16	3-1/2	10	4.22
DR02210		10	0.1935	2-7/16	3-5/8	10	4.22
DR02209		9	0.1960	2-7/16	3-5/8	10	4.22
DR02208		8	0.1990	2-7/16	3-5/8	10	4.22
DR02207		7	0.2010	2-7/16	3-5/8	10	4.22
DR02013	13/64		0.2031	2-7/16	3-5/8	10	4.22
DR02206		6	0.2040	2-1/2	3-3/4	10	4.71
DR02205		5	0.2065	2-1/2	3-3/4	10	4.71
DR02204		4	0.2090	2-1/2	3-3/4	10	4.71
DR02203		3	0.2130	2-1/2	3-3/4	10	4.71
DR02014	7/32		0.2168	2-1/2	3-3/4	10	4.71
DR02202		2	0.2210	2-5/8	3-7/8	10	5.29
DR02201		1	0.2280	2-5/8	3-7/8	10	5.29
DR02101		A	0.2340	2-5/8	3-7/8	10	5.37
DR02015	15/64		0.2344	2-5/8	3-7/8	10	4.95
DR02102		B	0.2380	2-3/4	4"	10	5.71
DR02103		C	0.2420	2-3/4	4"	10	5.71
DR02104		D	0.2460	2-3/4	4"	10	5.71
DR02016	1/4	E	0.2500	2-3/4	4"	10	5.52



**JOBBER DRILLS - RIGHT HAND - TWO TONE - 135° SPLIT POINT - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - TWO TONE - POINTE EN CROIX 135° - FRACTIONNEL**

**DR02**



**CLARKSON-OSBORN  
TWO-TONE  
MULTIPLE APPLICATION DRILLS**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR02106		F	0.2570	2-7/8	4-1/8	10	6.53
DR02107		G	0.2610	2-7/8	4-1/8	10	6.92
DR02017	17/64		0.2656	2-7/8	4-1/8	10	6.45
DR02108		H	0.2660	2-7/8	4-1/8	10	6.92
DR02109		I	0.2720	2-7/8	4-1/8	10	6.92
DR02110		J	0.2770	2-7/8	4-1/8	10	7.23
DR02111		K	0.2810	2-15/16	4-1/4	10	7.56
DR02018	9/32		0.2812	2-15/16	4-1/4	10	6.58
DR02112		L	0.2900	2-15/16	4-1/4	10	8.16
DR02113		M	0.2950	3-1/16	4-3/8	10	8.63
DR02019	19/64		0.2969	3-1/16	4-3/8	10	7.56
DR02114		N	0.3020	3-1/16	4-3/8	10	8.85
DR02020	5/16		0.3125	3-3/16	4-1/2	10	8.31
DR02115		O	0.3160	3-3/16	4-1/2	10	9.04
DR02116		P	0.3230	3-5/16	4-5/8	10	9.78
DR02021	21/64		0.3281	3-5/16	4-5/8	10	9.20
DR02117		Q	0.3320	3-7/16	4-3/4	10	10.28
DR02118		R	0.3390	3-7/16	4-3/4	5	10.66
DR02022	11/32		0.3438	3-7/16	4-3/4	5	10.35
DR02119		S	0.3480	3-1/2	4-7/8	5	11.73
DR02120		T	0.3580	3-1/2	4-7/8	5	11.97
DR02023	23/64		0.3594	3-1/2	4-7/8	5	11.50
DR02121		U	0.3680	3-5/8	5"	5	13.13
DR02024	3/8		0.3750	3-5/8	5"	5	11.73
DR02122		V	0.3770	3-5/8	5"	5	13.44

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR02123		W	0.3860	3-3/4	5-1/8	5	14.10
DR02025	25/64		0.3906	3-3/4	5-1/8	5	13.37
DR02124		X	0.3970	3-3/4	5-1/8	5	15.91
DR02125		Y	0.4040	3-7/8	5-1/4	5	17.54
DR02026	13/32		0.4062	3-7/8	5-1/4	5	13.91
DR02126		Z	0.4130	3-7/8	5-1/4	5	18.42
DR02027	27/64		0.4219	3-15/16	5-3/8	5	15.30
DR02028	7/16		0.4375	4-1/16	5-1/2	5	15.95
DR02029	29/64		0.4531	4-3/16	5-5/8	5	18.61
DR02030	15/32		0.4688	4-5/16	5-3/4	5	19.15
DR02031	31/64		0.4844	4-3/8	5-7/8	5	20.12
DR02032	1/2		0.5000	4-1/2	6"	5	20.28
DR02033	33/64		0.5156	4-13/16	6-5/8	1	29.53
DR02034	17/32		0.5312	4-13/16	6-5/8	1	28.79
DR02035	35/64		0.5469	4-13/16	6-5/8	1	31.01
DR02036	9/16		0.5625	4-13/16	6-5/8	1	32.15
DR02037	37/64		0.5781	4-13/16	6-5/8	1	33.96
DR02038	19/32		0.5938	5-3/16	7-1/8	1	34.13
DR02039	39/64		0.6094	5-3/16	7-1/8	1	36.18
DR02040	5/8		0.6250	5-3/16	7-1/8	1	36.74
DR02041	41/64		0.6406	5-3/16	7-1/8	1	47.43
DR02042	21/32		0.6562	5-3/16	7-1/8	1	64.69
DR02043	43/64		0.6719	5-5/8	7-5/8	1	66.32
DR02044	11/16		0.6875	5-5/8	7-5/8	1	69.29
DR02048	3/4		0.7500	5-1/2	8-1/16	1	63.97

**JOBBER DRILLS - STRAIGHT SHANK - RIGHT HAND - METRIC  
FORETS A QUEUE CYLINDRIQUE - METRIQUE**

**DR04**



**CLARKSON-OSBORN  
TWO-TONE  
MULTIPLE APPLICATION DRILLS**

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR04030	0.30	0.0118	4.0	19.0	10	5.57
DR04035	0.35	0.0138	4.0	19.0	10	5.13
DR04038	0.38	0.0150	4.0	19.0	10	7.61
DR04040	0.40	0.0157	5.0	20.0	10	4.95
DR04042	0.42	0.0165	5.0	20.0	10	7.36
DR04045	0.45	0.0177	5.0	20.0	10	4.82
DR04050	0.50	0.0197	6.0	22.0	10	4.47
DR04052	0.52	0.0205	6.0	22.0	10	6.64
DR04055	0.55	0.0217	7.0	24.0	10	4.41
DR04058	0.58	0.0228	7.0	24.0	10	6.22
DR04060	0.60	0.0236	7.0	24.0	10	4.22
DR04062	0.62	0.0244	8.0	26.0	10	6.10
DR04065	0.65	0.0256	8.0	26.0	10	3.93
DR04068	0.68	0.0268	9.0	28.0	10	6.80
DR04070	0.70	0.0276	9.0	28.0	10	3.84

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR04075	0.75	0.0295	9.0	28.0	10	3.61
DR04078	0.78	0.0307	10.0	30.0	10	5.17
DR04080	0.80	0.0315	10.0	30.0	10	2.04
DR04085	0.85	0.0335	10.0	30.0	10	3.33
DR04088	0.88	0.0346	11.0	32.0	10	4.89
DR04090	0.90	0.0354	11.0	32.0	10	3.19
DR04092	0.92	0.0362	11.0	32.0	10	4.69
DR04095	0.95	0.0374	11.0	32.0	10	3.02
DR04098	0.98	0.0386	12.0	34.0	10	5.43
DR04100	1.00	0.0394	12.0	34.0	10	2.93
DR04105	1.05	0.0413	12.0	34.0	10	2.93
DR04110	1.10	0.0433	14.0	36.0	10	2.68
DR04115	1.15	0.0453	14.0	36.0	10	2.68
DR04120	1.20	0.0472	16.0	38.0	10	2.23
DR04125	1.25	0.0492	16.0	38.0	10	2.55

JOBBER DRILLS - STRAIGHT SHANK - RIGHT HAND - METRIC  
FORETS A QUEUE CYLINDRIQUE - METRIQUE

DR04



CLARKSON-OSBORN  
**TWO-TONE**  
MULTIPLE APPLICATION DRILLS

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR04130	1.30	0.0512	16.0	38.0	10	2.55
DR04135	1.35	0.0531	18.0	40.0	10	3.75
DR04140	1.40	0.0551	18.0	40.0	10	2.46
DR04145	1.45	0.0571	18.0	40.0	10	3.51
DR04150	1.50	0.0591	18.0	40.0	10	2.28
DR04155	1.55	0.0610	20.0	43.0	10	3.43
DR04160	1.60	0.0630	20.0	43.0	10	2.12
DR04165	1.65	0.0650	20.0	43.0	10	3.27
DR04170	1.70	0.0669	20.0	43.0	10	2.23
DR04175	1.75	0.0689	22.0	46.0	10	3.19
DR04180	1.80	0.0709	22.0	46.0	10	2.12
DR04185	1.85	0.0728	22.0	46.0	10	3.10
DR04190	1.90	0.0748	22.0	46.0	10	2.12
DR04195	1.95	0.0768	24.0	49.0	10	3.10
DR04200	2.00	0.0787	24.0	49.0	10	2.12
DR04205	2.05	0.0807	24.0	49.0	10	3.02
DR04210	2.10	0.0827	24.0	49.0	10	2.04
DR04215	2.15	0.0846	27.0	53.0	10	3.02
DR04220	2.20	0.0866	27.0	53.0	10	2.04
DR04225	2.25	0.0886	27.0	53.0	10	2.04
DR04230	2.30	0.0906	27.0	53.0	10	2.04
DR04235	2.35	0.0925	27.0	53.0	10	3.02
DR04240	2.40	0.0945	30.0	57.0	10	2.04
DR04245	2.45	0.0965	30.0	57.0	10	3.02
DR04250	2.50	0.0984	30.0	57.0	10	2.04
DR04255	2.55	0.1004	30.0	57.0	10	3.02
DR04260	2.60	0.1024	30.0	57.0	10	2.04
DR04265	2.65	0.1043	30.0	57.0	10	3.02
DR04270	2.70	0.1063	33.0	61.0	10	2.04
DR04275	2.75	0.1083	33.0	61.0	10	3.02
DR04280	2.80	0.1102	33.0	61.0	10	2.04
DR04285	2.85	0.1122	33.0	61.0	10	3.02
DR04290	2.90	0.1142	33.0	61.0	10	2.04
DR04295	2.95	0.1161	33.0	61.0	10	3.02
DR04300	3.00	0.1181	33.0	61.0	10	2.04
DR04305	3.05	0.1201	36.0	65.0	10	3.10
DR04310	3.10	0.1220	36.0	65.0	10	2.12
DR04315	3.15	0.1240	36.0	65.0	10	3.10
DR04320	3.20	0.1260	36.0	65.0	10	2.12
DR04325	3.25	0.1280	36.0	65.0	10	2.12
DR04330	3.30	0.1299	36.0	65.0	10	2.12
DR04340	3.40	0.1339	39.0	70.0	10	2.28
DR04345	3.45	0.1358	39.0	70.0	10	3.70
DR04350	3.50	0.1378	39.0	70.0	10	2.28
DR04355	3.55	0.1398	39.0	70.0	10	3.70
DR04360	3.60	0.1417	39.0	70.0	10	2.28
DR04365	3.65	0.1437	39.0	70.0	10	3.70
DR04370	3.70	0.1457	39.0	70.0	10	2.46
DR04375	3.75	0.1476	39.0	70.0	10	3.32
DR04380	3.80	0.1496	43.0	75.0	10	2.60

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR04385	3.85	0.1516	43.0	75.0	10	4.13
DR04390	3.90	0.1535	43.0	75.0	10	2.60
DR04395	3.95	0.1555	43.0	75.0	10	4.13
DR04400	4.00	0.1575	43.0	75.0	10	2.68
DR04405	4.05	0.1594	43.0	75.0	10	4.13
DR04410	4.10	0.1614	43.0	75.0	10	2.78
DR04420	4.20	0.1654	43.0	75.0	10	2.93
DR04425	4.25	0.1673	43.0	75.0	10	2.93
DR04430	4.30	0.1693	47.0	80.0	10	2.93
DR04440	4.40	0.1732	47.0	80.0	10	3.02
DR04450	4.50	0.1772	47.0	80.0	10	3.10
DR04455	4.55	0.1791	47.0	80.0	10	5.36
DR04460	4.60	0.1811	47.0	80.0	10	3.19
DR04470	4.70	0.1850	47.0	80.0	10	3.27
DR04475	4.75	0.1870	47.0	80.0	10	4.35
DR04480	4.80	0.1890	52.0	86.0	10	3.43
DR04485	4.85	0.1909	52.0	86.0	10	5.36
DR04490	4.90	0.1929	52.0	86.0	10	3.51
DR04495	4.95	0.1949	52.0	86.0	10	4.83
DR04500	5.00	0.1968	52.0	86.0	10	3.59
DR04510	5.10	0.2008	52.0	86.0	10	3.84
DR04520	5.20	0.2047	52.0	86.0	10	3.84
DR04525	5.25	0.2067	52.0	86.0	10	3.91
DR04530	5.30	0.2087	52.0	86.0	10	3.91
DR04540	5.40	0.2126	57.0	93.0	10	4.22
DR04550	5.50	0.2165	57.0	93.0	10	4.22
DR04560	5.60	0.2205	57.0	93.0	10	4.64
DR04570	5.70	0.2244	57.0	93.0	10	4.64
DR04575	5.75	0.2264	57.0	93.0	10	5.95
DR04580	5.80	0.2283	57.0	93.0	10	4.57
DR04590	5.90	0.2323	57.0	93.0	10	4.71
DR04600	6.00	0.2362	57.0	93.0	10	4.82
DR04610	6.10	0.2402	63.0	101.0	10	4.95
DR04620	6.20	0.2441	63.0	101.0	10	5.10
DR04625	6.25	0.2461	63.0	101.0	10	6.97
DR04630	6.30	0.2480	63.0	101.0	10	5.20
DR04640	6.40	0.2520	63.0	101.0	10	5.20
DR04650	6.50	0.2559	63.0	101.0	10	5.61
DR04660	6.60	0.2598	63.0	101.0	10	5.71
DR04670	6.70	0.2638	63.0	101.0	10	6.02
DR04675	6.75	0.2657	69.0	109.0	10	7.90
DR04680	6.80	0.2677	69.0	109.0	10	6.11
DR04690	6.90	0.2717	69.0	109.0	10	6.26
DR04700	7.00	0.2756	69.0	109.0	10	6.35
DR04710	7.10	0.2795	69.0	109.0	10	6.60
DR04720	7.20	0.2835	69.0	109.0	10	6.68
DR04725	7.25	0.2854	69.0	109.0	10	9.01
DR04730	7.30	0.2874	69.0	109.0	10	6.67
DR04740	7.40	0.2913	69.0	109.0	10	6.99
DR04750	7.50	0.2953	69.0	109.0	10	7.18



**JOBBER DRILLS - STRAIGHT SHANK - RIGHT HAND - METRIC**  
**FORETS A QUEUE CYLINDRIQUE - METRIQUE**

**DR04 · 05**



**CLARKSON-OSBORN**  
**TWO-TONE**  
 MULTIPLE APPLICATION DRILLS

**DRILLS - STRAIGHT SHANK**

CODE	MM	DEC	FLT	OA	PKG	SEA
DR04760	7.60	0.2992	75.0	117.0	10	7.41
DR04770	7.70	0.3031	75.0	117.0	10	7.57
DR04775	7.75	0.3051	75.0	117.0	10	9.98
DR04780	7.80	0.3071	75.0	117.0	10	7.65
DR04790	7.90	0.3110	75.0	117.0	10	7.69
DR04800	8.00	0.3150	75.0	117.0	10	7.91
DR04810	8.10	0.3189	75.0	117.0	10	8.16
DR04820	8.20	0.3228	75.0	117.0	10	8.39
DR04825	8.25	0.3248	75.0	117.0	10	11.14
DR04830	8.30	0.3268	75.0	117.0	10	8.47
DR04840	8.40	0.3307	75.0	117.0	10	8.74
DR04850	8.50	0.3346	75.0	117.0	10	8.85
DR04860	8.60	0.3386	81.0	125.0	5	8.97
DR04870	8.70	0.3425	81.0	125.0	5	9.27
DR04875	8.75	0.3445	81.0	125.0	5	12.33
DR04880	8.80	0.3465	81.0	125.0	5	9.36
DR04890	8.90	0.3504	81.0	125.0	5	9.29
DR04900	9.00	0.3543	81.0	125.0	5	9.69
DR04910	9.10	0.3583	81.0	125.0	5	10.02
DR04920	9.20	0.3622	81.0	125.0	5	10.02
DR04925	9.25	0.3642	81.0	125.0	5	13.36
DR04930	9.30	0.3661	81.0	125.0	5	10.28
DR04940	9.40	0.3701	81.0	125.0	5	10.35
DR04950	9.50	0.3740	81.0	125.0	5	9.44
DR04960	9.60	0.3780	87.0	133.0	5	10.35
DR04970	9.70	0.3819	87.0	133.0	5	10.35
DR04975	9.75	0.3839	87.0	133.0	5	14.52
DR04980	9.80	0.3858	87.0	133.0	5	10.35
DR04990	9.90	0.3898	87.0	133.0	5	9.27
DR05000	10.00	0.3937	87.0	133.0	5	9.27
DR05010	10.10	0.3976	87.0	133.0	5	10.85
DR05020	10.20	0.4016	87.0	133.0	5	12.88
DR05025	10.25	0.4035	87.0	133.0	5	16.18
DR05030	10.30	0.4055	87.0	133.0	5	18.50
DR05040	10.40	0.4094	87.0	133.0	5	18.88
DR05050	10.50	0.4134	87.0	133.0	5	12.88
DR05060	10.60	0.4173	87.0	133.0	5	19.94
DR05070	10.70	0.4213	94.0	142.0	5	20.54
DR05075	10.75	0.4232	94.0	142.0	5	20.53
DR05080	10.80	0.4252	94.0	142.0	5	21.09
DR05090	10.90	0.4291	94.0	142.0	5	21.50
DR05100	11.00	0.4331	94.0	142.0	5	15.15
DR05111	11.10	0.4370	94.0	142.0	5	22.30
DR05112	11.20	0.4409	94.0	142.0	5	23.14
DR05113	11.30	0.4449	94.0	142.0	5	23.69
DR05114	11.40	0.4488	94.0	142.0	5	24.29
DR05115	11.50	0.4528	94.0	142.0	5	16.80
DR05116	11.60	0.4567	94.0	142.0	5	25.50
DR05117	11.70	0.4606	94.0	142.0	5	26.06
DR05118	11.80	0.4646	94.0	142.0	5	26.71

CODE	MM	DEC	FLT	OA	PKG	SEA
DR05119	11.90	0.4685	101.0	151.0	5	27.28
DR05120	12.00	0.4724	101.0	151.0	5	18.32
DR05121	12.10	0.4764	101.0	151.0	5	28.65
DR05122	12.20	0.4803	101.0	151.0	5	29.25
DR05225	12.25	0.4823	101.0	151.0	5	31.73
DR05123	12.30	0.4843	101.0	151.0	5	30.05
DR05124	12.40	0.4882	101.0	151.0	5	30.62
DR05125	12.50	0.4921	101.0	151.0	5	19.94
DR05126	12.60	0.4961	101.0	151.0	5	32.24
DR05127	12.70	0.5000	101.0	151.0	5	36.06
DR05128	12.80	0.5039	101.0	151.0	5	34.45
DR05129	12.90	0.5079	101.0	151.0	5	34.45
DR05130	13.00	0.5118	101.0	151.0	5	21.89
DR05131	13.10	0.5157	101.0	151.0	1	41.03
DR05132	13.20	0.5197	101.0	151.0	1	41.74
DR05133	13.30	0.5236	108.0	160.0	1	42.46
DR05134	13.40	0.5276	108.0	160.0	1	43.52
DR05135	13.50	0.5315	108.0	160.0	1	35.70
DR05136	13.60	0.5354	108.0	160.0	1	44.94
DR05137	13.70	0.5394	108.0	160.0	1	45.66
DR05138	13.80	0.5433	108.0	160.0	1	46.75
DR05139	13.90	0.5472	108.0	160.0	1	47.45
DR05140	14.00	0.5512	108.0	160.0	1	23.97
DR05145	14.50	0.5709	114.0	169.0	1	40.56
DR05150	15.00	0.5906	114.0	169.0	1	46.75
DR05155	15.50	0.6102	120.0	178.0	1	63.48
DR05160	16.00	0.6299	120.0	178.0	1	54.84
DR05165	16.50	0.6496	125.0	184.0	1	75.65
DR05170	17.00	0.6693	125.0	184.0	1	66.66
DR05175	17.50	0.6890	130.0	191.0	1	89.57
DR05180	18.00	0.7087	130.0	191.0	1	77.40
DR05185	18.50	0.7283	135.0	198.0	1	105.60
DR05190	19.00	0.7480	135.0	198.0	1	91.32
DR05195	19.50	0.7677	140.0	205.0	1	124.52
DR05200	20.00	0.7874	140.0	205.0	1	107.75

**FORETS - QUEUE CYLINDRIQUE**

**JOBBER DRILLS - RIGHT HAND - BRIGHT FINISH - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - FINI POLI - FRACTIONNEL**

**DR15**



**BRIGHT**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR15280		80	0.0135	5/32	3/4	10	4.33
DR15279		79	0.0145	5/32	3/4	10	4.33
DR15001	1/64		0.0156	3/16	13/16	10	2.86
DR15278		78	0.0160	3/16	13/16	10	3.66
DR15277		77	0.0180	3/16	13/16	10	3.66
DR15276		76	0.0200	1/4	7/8	10	3.66
DR15275		75	0.0210	9/32	15/16	10	3.66
DR15274		74	0.0225	9/32	15/16	10	3.66
DR15273		73	0.0240	5/16	1"	10	3.66
DR15272		72	0.0250	5/16	1"	10	3.66
DR15271		71	0.0260	5/16	1"	10	3.66
DR15270		70	0.0280	11/32	1-1/8	10	3.26
DR15269		69	0.0292	11/32	1-1/8	10	3.26
DR15268		68	0.0310	13/32	1-3/16	10	2.79
DR15002	1/32		0.0312	13/32	1-3/16	10	2.56
DR15267		67	0.0320	13/32	1-3/16	10	2.79
DR15266		66	0.0330	13/32	1-3/16	10	2.79
DR15265		65	0.0350	7/16	1-1/4	10	2.79
DR15264		64	0.0360	7/16	1-1/4	10	2.79
DR15263		63	0.0370	7/16	1-1/4	10	2.79
DR15262		62	0.0380	15/32	1-5/16	10	2.79
DR15261		61	0.0390	15/32	1-5/16	10	2.79
DR15260		60	0.0400	11/16	1-5/8	10	2.79
DR15259		59	0.0410	11/16	1-5/8	10	2.79
DR15258		58	0.0420	11/16	1-5/8	10	2.79
DR15257		57	0.0430	3/4	1-3/4	10	2.79
DR15256		56	0.0465	3/4	1-3/4	10	2.69
DR15003	3/64		0.0469	7/8	1-7/8	10	2.23
DR15255		55	0.0520	7/8	1-7/8	10	2.69
DR15254		54	0.0550	7/8	1-7/8	10	2.69
DR15253		53	0.0585	7/8	1-7/8	10	2.54
DR15004	1/16		0.0625	7/8	1-7/8	10	1.39
DR15252		52	0.0635	7/8	1-7/8	10	2.54
DR15251		51	0.0670	1"	2"	10	2.54
DR15250		50	0.0700	1"	2"	10	2.54
DR15249		49	0.0730	1"	2"	10	2.54
DR15248		48	0.0760	1"	2"	10	2.54
DR15005	5/64		0.0781	1"	2"	10	1.39
DR15247		47	0.0785	1"	2"	10	2.54
DR15246		46	0.0810	1-1/8	2-1/8	10	2.54
DR15245		45	0.0820	1-1/8	2-1/8	10	2.54
DR15244		44	0.0860	1-1/8	2-1/8	10	2.54
DR15243		43	0.0890	1-1/4	2-1/4	10	2.54
DR15242		42	0.0935	1-1/4	2-1/4	10	2.54
DR15006	3/32		0.0938	1-1/4	2-1/4	10	1.45
DR15241		41	0.0960	1-3/8	2-3/8	10	2.69
DR15240		40	0.0980	1-3/8	2-3/8	10	2.69
DR15239		39	0.0995	1-3/8	2-3/8	10	2.69
DR15238		38	0.1015	1-7/16	2-1/2	10	2.60
DR15237		37	0.1040	1-7/16	2-1/2	10	2.60

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR15236		36	0.1065	1-7/16	2-1/2	10	2.69
DR15007	7/64		0.1094	1-1/2	2-5/8	10	1.45
DR15235		35	0.1100	1-1/2	2-5/8	10	2.69
DR15234		34	0.1110	1-1/2	2-5/8	10	2.69
DR15233		33	0.1130	1-1/2	2-5/8	10	2.69
DR15232		32	0.1160	1-5/8	2-3/4	10	2.69
DR15231		31	0.1200	1-5/8	2-3/4	10	2.69
DR15008	1/8		0.1250	1-5/8	2-3/4	10	1.69
DR15230		30	0.1285	1-5/8	2-3/4	10	2.60
DR15229		29	0.1360	1-3/4	2-7/8	10	2.60
DR15228		28	0.1405	1-3/4	2-7/8	10	2.60
DR15009	9/64		0.1406	1-3/4	2-7/8	10	1.77
DR15227		27	0.1440	1-7/8	3"	10	2.86
DR15226		26	0.1470	1-7/8	3"	10	2.86
DR15225		25	0.1495	1-7/8	3"	10	2.92
DR15224		24	0.1520	2"	3-1/8	10	3.10
DR15223		23	0.1540	2"	3-1/8	10	3.10
DR15010	5/32		0.1562	2"	3-1/8	10	1.91
DR15222		22	0.1570	2"	3-1/8	10	3.10
DR15221		21	0.1590	2-1/8	3-1/4	10	3.19
DR15220		20	0.1610	2-1/8	3-1/4	10	3.33
DR15219		19	0.1660	2-1/8	3-1/4	10	3.33
DR15218		18	0.1695	2-1/8	3-1/4	10	3.33
DR15011	11/64		0.1719	2-1/8	3-1/4	10	2.42
DR15217		17	0.1730	2-3/16	3-3/8	10	3.75
DR15216		16	0.1770	2-3/16	3-3/8	10	3.75
DR15215		15	0.1800	2-3/16	3-3/8	10	3.84
DR15214		14	0.1820	2-3/16	3-3/8	10	3.84
DR15213		13	0.1850	2-5/16	3-1/2	10	3.84
DR15012	3/16		0.1875	2-5/16	3-1/2	10	2.63
DR15212		12	0.1890	2-5/16	3-1/2	10	4.22
DR15211		11	0.1910	2-5/16	3-1/2	10	4.22
DR15210		10	0.1935	2-7/16	3-5/8	10	4.22
DR15209		9	0.1960	2-7/16	3-5/8	10	4.22
DR15208		8	0.1990	2-7/16	3-5/8	10	4.22
DR15207		7	0.2010	2-7/16	3-5/8	10	4.22
DR15013	13/64		0.2031	2-7/16	3-5/8	10	3.07
DR15206		6	0.2040	2-1/2	3-3/4	10	4.71
DR15205		5	0.2055	2-1/2	3-3/4	10	4.71
DR15204		4	0.2090	2-1/2	3-3/4	10	4.71
DR15203		3	0.2130	2-1/2	3-3/4	10	4.71
DR15014	7/32		0.2188	2-1/2	3-3/4	10	3.29
DR15202		2	0.2210	2-5/8	3-7/8	10	5.29
DR15201		1	0.2280	2-5/8	3-7/8	10	5.29
DR15101		A	0.2340	2-5/8	3-7/8	10	4.28
DR15015	15/64		0.2344	2-5/8	3-7/8	10	3.45
DR15102		B	0.2380	2-3/4	4"	10	4.28
DR15103		C	0.2420	2-3/4	4"	10	4.28
DR15104		D	0.2460	2-3/4	4"	10	4.28
DR15016	1/4	E	0.2500	2-3/4	4"	10	4.16



**JOBBER DRILLS - RIGHT HAND - BRIGHT FINISH - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - FINI POLI - FRACTIONNEL**

**DR15**



**BRIGHT**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR15106		F	0.2570	2-7/8	4-1/8	10	6.53
DR15107		G	0.2610	2-7/8	4-1/8	10	6.92
DR15017	17/64		0.2656	2-7/8	4-1/8	10	4.47
DR15108		H	0.2660	2-7/8	4-1/8	10	6.92
DR15109		I	0.2720	2-7/8	4-1/8	10	6.92
DR15110		J	0.2770	2-7/8	4-1/8	10	7.23
DR15111		K	0.2810	2-15/16	4-1/4	10	7.56
DR15018	9/32		0.2812	2-15/16	4-1/4	10	4.59
DR15112		L	0.2900	2-15/16	4-1/4	10	8.16
DR15113		M	0.2950	3-1/16	4-3/8	10	8.63
DR15019	19/64		0.2969	3-1/16	4-3/8	10	5.59
DR15114		N	0.3020	3-1/16	4-3/8	10	8.85
DR15020	5/16		0.3125	3-3/16	4-1/2	10	6.09
DR15115		O	0.3160	3-3/16	4-1/2	10	9.04
DR15116		P	0.3230	3-5/16	4-5/8	10	9.78
DR15021	21/64		0.3281	3-5/16	4-5/8	10	6.57
DR15117		Q	0.3320	3-7/16	4-3/4	10	10.28
DR15118		R	0.3390	3-7/16	4-3/4	5	10.66
DR15022	11/32		0.3438	3-7/16	4-3/4	5	7.44
DR15119		S	0.3480	3-1/2	4-7/8	5	11.73
DR15120		T	0.3580	3-1/2	4-7/8	5	11.97
DR15023	23/64		0.3594	3-1/2	4-7/8	5	7.95
DR15121		U	0.3680	3-5/8	5"	5	13.13
DR15024	3/8		0.3750	3-5/8	5"	5	8.31
DR15122		V	0.3770	3-5/8	5"	5	13.44

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR15123		W	0.3860	3-3/4	5-1/8	5	14.10
DR15025	25/64		0.3906	3-3/4	5-1/8	5	8.73
DR15124		X	0.3970	3-3/4	5-1/8	5	15.91
DR15125		Y	0.4040	3-7/8	5-1/4	5	17.54
DR15026	13/32		0.4062	3-7/8	5-1/4	5	10.51
DR15126		Z	0.4130	3-7/8	5-1/4	5	18.42
DR15027	27/64		0.4219	3-15/16	5-3/8	5	11.56
DR15028	7/16		0.4375	4-1/16	5-1/2	5	11.56
DR15029	29/64		0.4531	4-3/16	5-5/8	5	12.80
DR15030	15/32		0.4688	4-5/16	5-3/4	5	13.42
DR15031	31/64		0.4844	4-3/8	5-7/8	5	14.12
DR15032	1/2		0.5000	4-1/2	6"	5	14.72
DR15033	33/64		0.5156	4-13/16	6-5/8	1	29.53
DR15034	17/32		0.5312	4-13/16	6-5/8	1	28.79
DR15035	35/64		0.5469	4-13/16	6-5/8	1	31.01
DR15036	9/16		0.5625	4-13/16	6-5/8	1	32.15
DR15037	37/64		0.5781	4-13/16	6-5/8	1	33.96
DR15038	19/32		0.5938	5-3/16	7-1/8	1	34.13
DR15039	39/64		0.6094	5-3/16	7-1/8	1	36.18
DR15040	5/8		0.6250	5-3/16	7-1/8	1	36.74
DR15041	41/64		0.6406	5-3/16	7-1/8	1	47.43
DR15042	21/32		0.6562	5-3/16	7-1/8	1	64.69
DR15043	43/64		0.6719	5-5/8	7-5/8	1	66.32
DR15044	11/16		0.6875	5-5/8	7-5/8	1	69.29
DR15048	3/4		0.7500	5-1/2	8-1/16	1	63.97

**JOBBER DRILLS - STRAIGHT SHANK - LEFT HAND - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - COUPE A GAUCHE - FRACTIONNEL**

**DR03**



**LEFT HAND**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR03280		80	0.0135	5/32	3/4	10	17.63
DR03279		79	0.0145	5/32	3/4	10	17.63
DR03001	1/64		0.0156	3/16	13/16	10	15.15
DR03278		78	0.0160	3/16	13/16	10	15.15
DR03277		77	0.0180	3/16	13/16	10	15.15
DR03276		76	0.0200	1/4	7/8	10	15.15
DR03275		75	0.0210	9/32	15/16	10	15.15
DR03274		74	0.0225	9/32	15/16	10	15.15
DR03273		73	0.0240	5/16	1"	10	15.15
DR03272		72	0.0250	5/16	1"	10	15.15
DR03271		71	0.0260	5/16	1"	10	15.15
DR03270		70	0.0280	11/32	1-1/8	10	15.15
DR03269		69	0.0292	11/32	1-1/8	10	15.15
DR03268		68	0.0310	13/32	1-3/16	10	14.26
DR03002	1/32		0.0312	13/32	1-3/16	10	14.26

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR03267		67	0.0320	13/32	1-3/16	10	14.26
DR03266		66	0.0330	13/32	1-3/16	10	14.26
DR03265		65	0.0350	7/16	1-1/4	10	14.26
DR03264		64	0.0360	7/16	1-1/4	10	14.26
DR03263		63	0.0370	7/16	1-1/4	10	14.26
DR03262		62	0.0380	15/32	1-5/16	10	14.26
DR03261		61	0.0390	15/32	1-5/16	10	7.58
DR03260		60	0.0400	11/16	1-5/8	10	7.58
DR03259		59	0.0410	11/16	1-5/8	10	7.58
DR03258		58	0.0420	11/16	1-5/8	10	7.58
DR03257		57	0.0430	3/4	1-3/4	10	7.58
DR03256		56	0.0465	3/4	1-3/4	10	7.58
DR03003	3/64		0.0469	7/8	1-7/8	10	7.58
DR03255		55	0.0520	7/8	1-7/8	10	7.58
DR03254		54	0.0550	7/8	1-7/8	10	7.58

**JOBBER DRILLS - STRAIGHT SHANK - LEFT HAND - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - COUPE A GAUCHE - FRACTIONNEL**

**DR03**



**LEFT HAND**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR03253		53	0.0595	7/8	1-7/8	10	7.58
DR03004	1/16		0.0625	7/8	1-7/8	10	7.58
DR03252		52	0.0635	7/8	1-7/8	10	7.58
DR03251		51	0.0670	1"	2"	10	7.58
DR03250		50	0.0700	1"	2"	10	7.58
DR03249		49	0.0730	1"	2"	10	7.58
DR03248		48	0.0760	1"	2"	10	7.58
DR03005	5/64		0.0781	1"	2"	10	7.58
DR03247		47	0.0785	1"	2"	10	7.90
DR03246		46	0.0810	1-1/8	2-1/8	10	7.90
DR03245		45	0.0820	1-1/8	2-1/8	10	7.90
DR03244		44	0.0860	1-1/8	2-1/8	10	7.90
DR03243		43	0.0890	1-1/4	2-1/4	10	7.90
DR03242		42	0.0935	1-1/4	2-1/4	10	7.90
DR03006	3/32		0.0938	1-1/4	2-1/4	10	7.90
DR03241		41	0.0960	1-3/8	2-3/8	10	8.34
DR03240		40	0.0980	1-3/8	2-3/8	10	8.34
DR03239		39	0.0995	1-3/8	2-3/8	10	8.34
DR03238		38	0.1015	1-7/16	2-1/2	10	8.34
DR03237		37	0.1040	1-7/16	2-1/2	10	8.34
DR03236		36	0.1065	1-7/16	2-1/2	10	8.34
DR03007	7/64		0.1094	1-1/2	2-5/8	10	8.34
DR03235		35	0.1100	1-1/2	2-5/8	10	8.34
DR03234		34	0.1110	1-1/2	2-5/8	10	8.34
DR03233		33	0.1130	1-1/2	2-5/8	10	8.34
DR03232		32	0.1160	1-5/8	2-3/4	10	8.34
DR03231		31	0.1200	1-5/8	2-3/4	10	8.34
DR03008	1/8		0.1250	1-5/8	2-3/4	10	8.34
DR03230		30	0.1285	1-5/8	2-3/4	10	8.60
DR03229		29	0.1360	1-3/4	2-7/8	10	8.60
DR03228		28	0.1405	1-3/4	2-7/8	10	8.60
DR03009	9/64		0.1406	1-3/4	2-7/8	10	8.60
DR03227		27	0.1440	1-7/8	3"	10	9.59
DR03226		26	0.1470	1-7/8	3"	10	9.59
DR03225		25	0.1495	1-7/8	3"	10	9.59
DR03224		24	0.1520	2"	3-1/8	10	9.59
DR03223		23	0.1540	2"	3-1/8	10	9.59
DR03010	5/32		0.1562	2"	3-1/8	10	9.59
DR03222		22	0.1570	2"	3-1/8	10	10.75
DR03221		21	0.1590	2-1/8	3-1/4	10	10.75
DR03220		20	0.1610	2-1/8	3-1/4	10	10.75
DR03219		19	0.1660	2-1/8	3-1/4	10	10.75
DR03218		18	0.1695	2-1/8	3-1/4	10	10.75
DR03011	11/64		0.1719	2-1/8	3-1/4	10	10.75
DR03217		17	0.1730	2-3/16	3-3/8	10	11.90
DR03216		16	0.1770	2-3/16	3-3/8	10	11.90
DR03215		15	0.1800	2-3/16	3-3/8	10	11.90
DR03214		14	0.1820	2-3/16	3-3/8	10	11.90
DR03213		13	0.1850	2-5/16	3-1/2	10	11.90
DR03012	3/16		0.1875	2-5/16	3-1/2	10	11.90

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR03212		12	0.1890	2-5/16	3-1/2	10	11.90
DR03211		11	0.1910	2-5/16	3-1/2	10	11.90
DR03210		10	0.1935	2-7/16	3-5/8	10	11.90
DR03209		9	0.1960	2-7/16	3-5/8	10	11.90
DR03208		8	0.1990	2-7/16	3-5/8	10	11.90
DR03207		7	0.2010	2-7/16	3-5/8	10	11.90
DR03013	13/64		0.2031	2-7/16	3-5/8	10	11.90
DR03206		6	0.2040	2-1/2	3-3/4	10	13.60
DR03205		5	0.2055	2-1/2	3-3/4	10	13.60
DR03204		4	0.2090	2-1/2	3-3/4	10	13.60
DR03203		3	0.2130	2-1/2	3-3/4	10	13.60
DR03014	7/32		0.2188	2-1/2	3-3/4	10	11.90
DR03202		2	0.2210	2-5/8	3-7/8	10	14.50
DR03201		1	0.2280	2-5/8	3-7/8	10	14.50
DR03101		A	0.2340	2-5/8	4"	10	18.79
DR03015	15/64		0.2344	2-5/8	3-7/8	10	16.49
DR03102		B	0.2380	2-3/4	4"	10	18.79
DR03103		C	0.2420	2-3/4	4"	10	18.79
DR03104		D	0.2460	2-3/4	4"	10	18.79
DR03016	1/4	E	0.2500	2-3/4	4"	10	16.49
DR03106		F	0.2570	2-7/8	4-1/8	10	20.18
DR03107		G	0.2610	2-7/8	4-1/8	10	20.18
DR03017	17/64		0.2656	2-7/8	4-1/8	10	17.49
DR03108		H	0.2660	2-7/8	4-1/8	10	20.18
DR03109		I	0.2720	2-7/8	4-1/8	10	20.18
DR03110		J	0.2770	2-7/8	4-1/8	10	20.18
DR03111		K	0.2810	2-15/16	4-1/4	10	20.18
DR03018	9/32		0.2812	2-15/16	4-1/4	10	18.05
DR03112		L	0.2900	2-15/16	4-1/4	10	20.18
DR03113		M	0.2950	3-1/16	4-3/8	10	22.88
DR03019	19/64		0.2969	3-1/16	4-3/8	10	19.65
DR03114		N	0.3020	3-1/16	4-3/8	10	24.39
DR03020	5/16		0.3125	3-3/16	4-1/2	10	20.90
DR03115		O	0.3160	3-3/16	4-1/2	10	26.24
DR03116		P	0.3230	3-5/16	4-5/8	10	28.97
DR03021	21/64		0.3281	3-5/16	4-5/8	5	22.67
DR03117		Q	0.3320	3-7/16	4-3/4	5	29.93
DR03118		R	0.3390	3-7/16	4-3/4	5	29.93
DR03022	11/32		0.3438	3-7/16	4-3/4	5	25.94
DR03119		S	0.3480	3-1/2	4-7/8	5	35.08
DR03120		T	0.3580	3-1/2	4-7/8	5	35.43
DR03023	23/64		0.3594	3-1/2	4-7/8	5	30.10
DR03121		U	0.3680	3-5/8	5"	5	36.88
DR03024	3/8		0.3750	3-5/8	5"	5	31.69
DR03122		V	0.3770	3-5/8	5"	5	40.89
DR03123		W	0.3850	3-3/4	5-1/8	5	40.89
DR03025	25/64		0.3906	3-3/4	5-1/8	5	34.53
DR03124		X	0.3970	3-3/4	5-1/8	5	40.89
DR03125		Y	0.4040	3-7/8	5-1/4	5	42.98
DR03026	13/32		0.4062	3-7/8	5-1/4	5	35.97



**JOBBER DRILLS - STRAIGHT SHANK - LEFT HAND - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - COUPE A GAUCHE - FRACTIONNEL**

**DR03**



**LEFT HAND**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR03027	27/64		0.4219	3-15/16	5-3/8	5	40.55
DR03028	7/16		0.4375	4-1/16	5-1/2	5	42.42
DR03029	29/64		0.4531	4-3/16	5-5/8	5	48.30

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR03030	15/32		0.0420	11/16	1-5/8	10	51.29
DR03031	31/64		0.0430	3/4	1-3/4	10	54.39
DR03032	1/2		0.0433	14/0	36/0	10	54.31

**JOBBER DRILLS - RIGHT HAND - TIN COATED  
FORETS A QUEUE CYLINDRIQUE - NITRE PLAQUE AU TITANIUM**

**DR10**



**TiN**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR10280		80	0.0135	5/32	3/4	10	11.46
DR10279		79	0.0145	5/32	3/4	10	11.46
DR10001	1/32		0.0156	3/16	13/16	10	11.46
DR10278		78	0.0160	3/16	13/16	10	10.83
DR10277		77	0.0180	3/16	13/16	10	10.83
DR10276		76	0.0200	1/4	7/8	10	10.83
DR10275		75	0.0210	9/32	15/16	10	10.83
DR10274		74	0.0225	9/32	15/16	10	10.83
DR10273		73	0.0240	5/16	1"	10	10.83
DR10272		72	0.0250	5/16	1"	10	10.83
DR10271		71	0.0260	5/16	1"	10	10.83
DR10270		70	0.0280	11/32	1-1/8	10	8.55
DR10269		69	0.0292	11/32	1-1/8	10	8.55
DR10268		68	0.0310	13/32	1-3/16	10	8.36
DR10002	1/32		0.0312	13/32	1-3/16	10	8.36
DR10267		67	0.0320	13/32	1-3/16	10	8.36
DR10266		66	0.0330	13/32	1-3/16	10	8.36
DR10265		65	0.0350	7/16	1-1/4	10	8.36
DR10264		64	0.0360	7/16	1-1/4	10	8.36
DR10263		63	0.0370	7/16	1-1/4	10	8.36
DR10262		62	0.0380	15/32	1-5/16	10	8.36
DR10261		61	0.0390	15/32	1-5/16	10	8.36
DR10260		60	0.0400	11/16	1-5/8	10	8.17
DR10259		59	0.0410	11/16	1-5/8	10	8.17
DR10258		58	0.0420	11/16	1-5/8	10	8.17
DR10257		57	0.0430	3/4	1-3/4	10	8.17
DR10256		56	0.0465	3/4	1-3/4	10	8.17
DR10003	3/64		0.0469	7/8	1-7/8	10	8.17
DR10255		55	0.0520	7/8	1-7/8	10	8.17
DR10254		54	0.0550	7/8	1-7/8	10	8.17
DR10253		53	0.0595	7/8	1-7/8	10	8.17
DR10004	1/16		0.0625	7/8	1-7/8	10	7.47
DR10252		52	0.0635	7/8	1-7/8	10	8.17
DR10251		51	0.0670	1"	2"	10	8.17
DR10250		50	0.0700	1"	2"	10	8.17
DR10249		49	0.0730	1"	2"	10	8.17
DR10248		48	0.0760	1"	2"	10	8.17

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR10005	5/64		0.0781	1"	2"	10	7.47
DR10247		47	0.0785	1"	2"	10	8.17
DR10246		46	0.0810	1-1/8	2-1/8	10	8.17
DR10245		45	0.0820	1-1/8	2-1/8	10	8.17
DR10244		44	0.0860	1-1/8	2-1/8	10	8.17
DR10243		43	0.0890	1-1/4	2-1/4	10	8.17
DR10242		42	0.0935	1-1/4	2-1/4	10	8.17
DR10006	3/32		0.0938	1-1/4	2-1/4	10	7.47
DR10241		41	0.0960	1-3/8	2-3/8	10	8.17
DR10240		40	0.0980	1-3/8	2-3/8	10	8.61
DR10239		39	0.0995	1-3/8	2-3/8	10	8.61
DR10238		38	0.1015	1-7/16	2-1/2	10	8.61
DR10237		37	0.1040	1-7/16	2-1/2	10	8.61
DR10236		36	0.1065	1-7/16	2-1/2	10	8.61
DR10007	7/64		0.1094	1-1/2	2-5/8	10	6.68
DR10235		35	0.1100	1-1/2	2-5/8	10	8.61
DR10234		34	0.1110	1-1/2	2-5/8	10	8.61
DR10233		33	0.1130	1-1/2	2-5/8	10	8.61
DR10232		32	0.1160	1-5/8	2-3/4	10	8.61
DR10231		31	0.1200	1-5/8	2-3/4	10	8.61
DR10008	1/8		0.1250	1-5/8	2-3/4	10	6.68
DR10230		30	0.1285	1-5/8	2-3/4	10	10.58
DR10229		29	0.1360	1-3/4	2-7/8	10	10.58
DR10228		28	0.1405	1-3/4	2-7/8	10	10.58
DR10009	9/64		0.1406	1-3/4	2-7/8	10	6.94
DR10227		27	0.1440	1-7/8	3"	10	10.87
DR10226		26	0.1470	1-7/8	3"	10	10.87
DR10225		25	0.1495	1-7/8	3"	10	10.87
DR10224		24	0.1520	2"	3-1/8	10	11.10
DR10223		23	0.1540	2"	3-1/8	10	11.10
DR10010	5/32		0.1562	2"	3-1/8	10	6.96
DR10222		22	0.1570	2"	3-1/8	10	11.13
DR10221		21	0.1590	2-1/8	3-1/4	10	11.13
DR10220		20	0.1610	2-1/8	3-1/4	10	11.50
DR10219		19	0.1660	2-1/8	3-1/4	10	11.50
DR10218		18	0.1695	2-1/8	3-1/4	10	11.50
DR10011	11/64		0.1719	2-1/8	3-1/4	10	7.47

**JOBBER DRILLS - RIGHT HAND - TIN COATED**  
**FORETS A QUEUE CYLINDRIQUE - NITRE PLAQUE AU TITANIUM**

**DR10**



TiN

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR10217		17	0.1730	2-3/16	3-3/8	10	12.46
DR10216		16	0.1770	2-3/16	3-3/8	10	12.46
DR10215		15	0.1800	2-3/16	3-3/8	10	12.46
DR10214		14	0.1820	2-3/16	3-3/8	10	12.46
DR10213		13	0.1850	2-5/16	3-1/2	10	12.46
DR10012	3/16		0.1875	2-5/16	3-1/2	10	7.86
DR10212		12	0.1890	2-5/16	3-1/2	10	12.58
DR10211		11	0.1910	2-5/16	3-1/2	10	12.58
DR10210		10	0.1935	2-7/16	3-5/8	10	12.98
DR10209		9	0.1960	2-7/16	3-5/8	10	12.98
DR10208		8	0.1990	2-7/16	3-5/8	10	12.98
DR10207		7	0.2010	2-7/16	3-5/8	10	12.98
DR10013	13/64		0.2031	2-7/16	3-5/8	10	9.04
DR10206		6	0.2040	2-1/2	3-3/4	10	13.81
DR10205		5	0.2055	2-1/2	3-3/4	10	13.81
DR10204		4	0.2090	2-1/2	3-3/4	10	13.81
DR10203		3	0.2130	2-1/2	3-3/4	10	13.81
DR10014	7/32		0.2188	2-1/2	3-3/4	10	9.98
DR10202		2	0.2210	2-5/8	3-7/8	10	14.54
DR10201		1	0.2280	2-5/8	3-7/8	10	14.54
DR10101		A	0.2340	2-5/8	3-7/8	10	14.82
DR10015	15/64		0.2344	2-5/8	3-7/8	10	10.56
DR10102		B	0.2380	2-3/4	4"	10	14.82
DR10103		C	0.2420	2-3/4	4"	10	14.82
DR10104		D	0.2460	2-3/4	4"	10	14.82
DR10016	1/4		0.2500	2-3/4	4"	10	11.15
DR10106		F	0.2570	2-7/8	4-1/8	10	21.66
DR10107		G	0.2610	2-7/8	4-1/8	10	21.66
DR10017	17/64		0.2656	2-7/8	4-1/8	10	12.18
DR10108		H	0.2660	2-7/8	4-1/8	10	21.66
DR10109		I	0.2720	2-7/8	4-1/8	10	21.66
DR10110		J	0.2770	2-7/8	4-1/8	10	21.66
DR10111		K	0.2810	2-15/16	4-1/4	10	21.66
DR10018	9/32		0.2812	2-15/16	4-1/4	10	13.20
DR10112		L	0.2900	2-15/16	4-1/4	10	21.66
DR10113		M	0.2950	3-1/16	4-3/8	10	22.65
DR10019	19/64		0.2969	3-1/16	4-3/8	10	15.07
DR10114		N	0.3020	3-1/16	4-3/8	10	23.59

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR10020	5/16		0.3125	3-3/16	4-1/2	10	16.94
DR10115		O	0.3160	3-3/16	4-1/2	10	23.59
DR10116		P	0.3230	3-5/16	4-5/8	10	26.60
DR10021	21/64		0.3281	3-5/16	4-5/8	10	21.38
DR10117		Q	0.3320	3-7/16	4-3/4	10	26.60
DR10118		R	0.3390	3-7/16	4-3/4	5	26.60
DR10022	11/32		0.3438	3-7/16	4-3/4	5	22.62
DR10119		S	0.3480	3-1/2	4-7/8	5	26.60
DR10120		T	0.3580	3-1/2	4-7/8	5	34.39
DR10023	23/64		0.3594	3-1/2	4-7/8	5	23.88
DR10121		U	0.3680	3-5/8	5"	5	34.39
DR10024	3/8		0.3750	3-5/8	5"	5	26.16
DR10122		V	0.3770	3-5/8	5"	5	39.62
DR10123		W	0.3860	3-3/4	5-1/8	5	41.52
DR10025	25/64		0.3906	3-3/4	5-1/8	5	28.47
DR10124		X	0.3970	3-3/4	5-1/8	5	41.90
DR10125		Y	0.4040	3-7/8	5-1/4	5	42.75
DR10026	13/32		0.4062	3-7/8	5-1/4	5	30.23
DR10126		Z	0.4130	3-7/8	5-1/4	5	45.03
DR10027	27/64		0.4219	3-15/16	5-3/8	5	31.64
DR10028	7/16		0.4375	4-1/16	5-1/2	5	31.93
DR10029	29/64		0.4531	4-3/16	5-5/8	5	32.22
DR10030	15/32		0.4688	4-5/16	5-3/4	5	35.02
DR10031	31/64		0.4844	4-3/8	5-7/8	5	35.88
DR10032	1/2		0.5000	4-1/2	6"	5	39.38
DR10033	33/64		0.5156	4-13/16	6-5/8	1	71.48
DR10034	17/32		0.5312	4-13/16	6-5/8	1	73.65
DR10035	35/64		0.5469	4-13/16	6-5/8	1	81.30
DR10036	9/16		0.5625	4-13/16	6-5/8	1	83.43
DR10037	37/64		0.5781	4-13/16	6-5/8	1	85.35
DR10038	19/32		0.5938	5-3/16	7-1/8	1	87.75
DR10039	39/64		0.6094	5-3/16	7-1/8	1	93.85
DR10040	5/8		0.6250	5-3/16	7-1/8	1	92.10
DR10041	41/64		0.6406	5-3/16	7-1/8	1	94.50
DR10042	21/32		0.6562	5-3/16	7-1/8	1	103.50
DR10043	43/64		0.6719	5-5/8	7-5/8	1	108.00
DR10044	11/16		0.6875	5-5/8	7-5/8	1	108.00
DR10048	3/4		0.7500	5-1/2	8-1/16	1	127.50



**JOBBER DRILLS - RIGHT HAND - TiN TIPPED**  
**FORETS A QUEUE CYLINDRIQUE - NITRE PLAQUE AU TITANIUM**

**DR10**



**TiN**

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR10610	1.00	0.0394	12.0	34.0	10	13.87
DR10615	1.50	0.0591	18.0	40.0	10	10.84
DR10620	2.00	0.0787	24.0	49.0	10	3.09
DR10625	2.50	0.0984	30.0	57.0	10	3.31
DR10630	3.00	0.1181	33.0	61.0	10	3.31
DR10631	3.10	0.1220	36.0	65.0	10	3.78
DR10632	3.20	0.1260	36.0	65.0	10	3.78
DR10633	3.30	0.1299	36.0	65.0	10	3.78
DR10634	3.40	0.1339	39.0	70.0	10	3.78
DR10635	3.50	0.1378	39.0	70.0	10	4.50
DR10636	3.60	0.1417	39.0	70.0	10	4.50
DR10637	3.70	0.1457	39.0	70.0	10	4.50
DR10638	3.80	0.1496	43.0	75.0	10	4.50
DR10639	3.90	0.1535	43.0	75.0	10	4.50
DR10640	4.00	0.1575	43.0	75.0	10	4.73
DR10641	4.10	0.1614	43.0	75.0	10	4.98
DR10642	4.20	0.1654	43.0	75.0	10	4.98
DR10643	4.30	0.1693	47.0	80.0	10	4.98
DR10644	4.40	0.1732	47.0	80.0	10	4.98
DR10645	4.50	0.1772	47.0	80.0	10	5.20
DR10646	4.60	0.1811	47.0	80.0	10	5.20
DR10647	4.70	0.1850	47.0	80.0	10	5.20
DR10648	4.80	0.1890	52.0	86.0	10	5.20
DR10649	4.90	0.1929	52.0	86.0	10	5.20
DR10650	5.00	0.1968	52.0	86.0	10	5.67
DR10651	5.10	0.2008	52.0	86.0	10	6.87
DR10652	5.20	0.2047	52.0	86.0	10	6.87
DR10653	5.30	0.2087	52.0	86.0	10	6.87
DR10654	5.40	0.2126	57.0	93.0	10	6.87
DR10655	5.50	0.2165	57.0	93.0	10	7.34
DR10656	5.60	0.2205	57.0	93.0	10	7.34
DR10657	5.70	0.2244	57.0	93.0	10	7.34
DR10658	5.80	0.2283	57.0	93.0	10	7.34
DR10659	5.90	0.2323	57.0	93.0	10	7.34
DR10660	6.00	0.2362	57.0	93.0	10	7.56
DR10661	6.10	0.2402	63.0	101.0	10	8.28
DR10662	6.20	0.2441	63.0	101.0	10	8.28
DR10663	6.30	0.2480	63.0	101.0	10	8.28
DR10664	6.40	0.2520	63.0	101.0	10	8.28
DR10665	6.50	0.2559	63.0	101.0	10	8.98
DR10666	6.60	0.2598	63.0	101.0	10	9.92
DR10667	6.70	0.2638	63.0	101.0	10	9.92
DR10668	6.80	0.2677	69.0	109.0	10	9.92
DR10669	6.90	0.2717	69.0	109.0	10	9.92
DR10670	7.00	0.2756	69.0	109.0	10	11.12
DR10671	7.10	0.2795	69.0	109.0	10	11.34
DR10672	7.20	0.2835	69.0	109.0	10	11.34
DR10673	7.30	0.2874	69.0	109.0	10	11.34
DR10674	7.40	0.2913	69.0	109.0	10	11.34
DR10675	7.50	0.2953	69.0	109.0	10	12.54

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR10676	7.60	0.2992	75.0	117.0	10	12.54
DR10677	7.70	0.3031	75.0	117.0	10	12.54
DR10678	7.80	0.3071	75.0	117.0	10	12.54
DR10679	7.90	0.3110	75.0	117.0	10	12.54
DR10680	8.00	0.3150	75.0	117.0	10	14.65
DR10681	8.10	0.3189	75.0	117.0	10	15.84
DR10682	8.20	0.3228	75.0	117.0	10	15.84
DR10683	8.30	0.3268	75.0	117.0	10	15.84
DR10684	8.40	0.3307	75.0	117.0	10	15.84
DR10685	8.50	0.3346	75.0	117.0	10	17.26
DR10686	8.60	0.3386	81.0	125.0	5	17.26
DR10687	8.70	0.3425	81.0	125.0	5	17.26
DR10688	8.80	0.3465	81.0	125.0	5	17.26
DR10689	8.90	0.3504	81.0	125.0	5	17.26
DR10690	9.00	0.3543	81.0	125.0	5	19.15
DR10691	9.10	0.3583	81.0	125.0	5	19.62
DR10692	9.20	0.3622	81.0	125.0	5	19.62
DR10693	9.30	0.3661	81.0	125.0	5	20.10
DR10694	9.40	0.3701	81.0	125.0	5	20.10
DR10695	9.50	0.3740	81.0	125.0	5	20.79
DR10696	9.60	0.3780	87.0	133.0	5	21.51
DR10697	9.70	0.3819	87.0	133.0	5	21.51
DR10698	9.80	0.3858	87.0	133.0	5	21.74
DR10699	9.90	0.3898	87.0	133.0	5	21.74
DR10700	10.00	0.3937	87.0	133.0	5	22.21
DR10701	10.10	0.3976	87.0	133.0	5	23.88
DR10702	10.20	0.4016	87.0	133.0	5	24.35
DR10703	10.30	0.4055	87.0	133.0	5	24.35
DR10704	10.40	0.4094	87.0	133.0	5	24.35
DR10705	10.50	0.4134	87.0	133.0	5	24.35
DR10706	10.60	0.4173	87.0	133.0	5	25.29
DR10707	10.70	0.4213	94.0	142.0	5	25.29
DR10708	10.80	0.4252	94.0	142.0	5	25.29
DR10709	10.90	0.4291	94.0	142.0	5	25.29
DR10710	11.00	0.4331	94.0	142.0	5	26.45
DR10711	11.10	0.4370	94.0	142.0	5	29.76
DR10712	11.20	0.4409	94.0	142.0	5	29.76
DR10713	11.30	0.4449	94.0	142.0	5	29.76
DR10714	11.40	0.4488	94.0	142.0	5	29.76
DR10715	11.50	0.4528	94.0	142.0	5	29.76
DR10716	11.60	0.4567	94.0	142.0	5	31.91
DR10717	11.70	0.4606	94.0	142.0	5	31.91
DR10718	11.80	0.4646	94.0	142.0	5	31.91
DR10719	11.90	0.4685	101.0	151.0	5	31.91
DR10720	12.00	0.4724	101.0	151.0	5	32.38
DR10725	12.50	0.4921	101.0	151.0	5	36.15
DR10730	13.00	0.5118	101.0	151.0	5	39.68

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

**JOBBER DRILLS - RIGHT HAND - HEAVY DUTY - 135° SPLIT POINT  
FORETS A QUEUE CYLINDRIQUE - ROBUSTE - POINTE EN CROIX 135°**

**DR74**



**HEAVY DUTY**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR74260		60	0.0400	1-1/16	1-5/8	10	5.82
DR74259		59	0.0410	1-1/16	1-5/8	10	5.82
DR74258		58	0.0420	1-1/16	1-5/8	10	5.82
DR74257		57	0.0430	3/4	1-3/4	10	5.82
DR74256		56	0.0465	3/4	1-3/4	10	5.82
DR74003	3/64		0.0469	3/4	1-3/4	10	5.82
DR74255		55	0.0520	7/8	1-7/8	10	5.82
DR74254		54	0.0550	7/8	1-7/8	10	5.82
DR74253		53	0.0595	7/8	1-7/8	10	5.82
DR74004	1/16		0.0625	7/8	1-7/8	10	2.91
DR74252		52	0.0635	7/8	1-7/8	10	5.34
DR74251		51	0.0670	1"	2"	10	5.34
DR74250		50	0.0700	1"	2"	10	3.50
DR74249		49	0.0730	1"	2"	10	3.50
DR74248		48	0.0760	1"	2"	10	3.50
DR74005	5/64		0.0781	1"	2"	10	4.02
DR74247		47	0.0785	1"	2"	10	3.50
DR74246		46	0.0810	1-1/8	2-1/8	10	3.50
DR74245		45	0.0820	1-1/8	2-1/8	10	3.50
DR74244		44	0.0860	1-1/8	2-1/8	10	3.50
DR74243		43	0.0890	1-1/4	2-1/4	10	3.50
DR74242		42	0.0935	1-1/4	2-1/4	10	3.50
DR74006	3/32		0.0938	1-1/4	2-1/4	10	2.67
DR74241		41	0.0960	1-3/8	2-3/8	10	3.50
DR74240		40	0.0980	1-3/8	2-3/8	10	4.35
DR74239		39	0.0995	1-3/8	2-3/8	10	4.35
DR74238		38	0.1015	1-7/16	2-1/2	10	4.35
DR74237		37	0.1040	1-7/16	2-1/2	10	4.35
DR74236		36	0.1065	1-7/16	2-1/2	10	4.35
DR74007	7/64		0.1094	1-1/2	2-5/8	10	4.02
DR74235		35	0.1100	1-1/2	2-5/8	10	4.35
DR74234		34	0.1110	1-1/2	2-5/8	10	4.35
DR74233		33	0.1130	1-1/2	2-5/8	10	4.35
DR74232		32	0.1160	1-5/8	2-3/4	10	4.35
DR74231		31	0.1200	1-5/8	2-3/4	10	4.35
DR74008	1/8		0.1250	1-5/8	2-3/4	10	2.86
DR74230		30	0.1285	1-5/8	2-3/4	10	4.35
DR74229		29	0.1360	1-3/4	2-7/8	10	4.15
DR74228		28	0.1405	1-3/4	2-7/8	10	4.15
DR74009	9/64		0.1406	1-3/4	2-7/8	10	4.59
DR74227		27	0.1440	1-7/8	3"	10	4.15
DR74226		26	0.1470	1-7/8	3"	10	4.15
DR74225		25	0.1495	1-7/8	3"	10	4.21
DR74224		24	0.1520	2"	3-1/8	10	4.66
DR74223		23	0.1540	2"	3-1/8	10	4.79
DR74010	5/32		0.1562	2"	3-1/8	10	3.33
DR74222		22	0.1570	2"	3-1/8	10	5.00
DR74221		21	0.1590	2-1/8	3-1/4	10	5.36
DR74220		20	0.1610	2-1/8	3-1/4	10	5.36
DR74219		19	0.1660	2-1/8	3-1/4	10	5.30

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR74218		18	0.1695	2-1/8	3-1/4	10	5.23
DR74011	11/64		0.1719	2-1/8	3-1/4	10	5.50
DR74217		17	0.1730	2-3/16	3-3/8	10	5.17
DR74216		16	0.1770	2-3/16	3-3/8	10	5.01
DR74215		15	0.1800	2-3/16	3-3/8	10	5.11
DR74214		14	0.1820	2-3/16	3-3/8	10	5.27
DR74213		13	0.1850	2-5/16	3-1/2	10	5.60
DR74012	3/16		0.1875	2-5/16	3-1/2	10	4.10
DR74212		12	0.1890	2-5/16	3-1/2	10	5.72
DR74211		11	0.1910	2-5/16	3-1/2	10	6.70
DR74210		10	0.1935	2-7/16	3-5/8	10	6.63
DR74209		9	0.1960	2-7/16	3-5/8	10	6.63
DR74208		8	0.1990	2-7/16	3-5/8	10	6.63
DR74207		7	0.2010	2-7/16	3-5/8	10	6.63
DR74013	13/64		0.2031	2-7/16	3-5/8	10	6.75
DR74206		6	0.2040	2-1/2	3-3/4	10	6.37
DR74205		5	0.2085	2-1/2	3-3/4	10	6.37
DR74204		4	0.2090	2-1/2	3-3/4	10	6.25
DR74203		3	0.2130	2-1/2	3-3/4	10	6.37
DR74014	7/32		0.2188	2-1/2	3-3/4	10	4.95
DR74202		2	0.2210	2-5/8	3-7/8	10	7.79
DR74201		1	0.2280	2-5/8	3-7/8	10	7.79
DR74101		A	0.2340	2-5/8	3-7/8	10	8.33
DR74015	15/64		0.2344	2-5/8	3-7/8	10	8.36
DR74102		B	0.2380	2-3/4	4"	10	8.33
DR74103		C	0.2420	2-3/4	4"	10	8.33
DR74104		D	0.2460	2-3/4	4"	10	8.33
DR74016	1/4		0.2500	2-3/4	4"	10	6.18
DR74106		F	0.2570	2-7/8	4-1/8	10	8.33
DR74107		G	0.2610	2-7/8	4-1/8	10	8.13
DR74017	17/64		0.2656	2-7/8	4-1/8	10	10.28
DR74108		H	0.2680	2-7/8	4-1/8	10	8.13
DR74109		I	0.2720	2-7/8	4-1/8	10	8.13
DR74110		J	0.2770	2-7/8	4-1/8	10	8.43
DR74111		K	0.2810	2-15/16	4-1/4	10	9.42
DR74018	9/32		0.2812	2-15/16	4-1/4	10	11.46
DR74112		L	0.2900	2-15/16	4-1/4	10	9.18
DR74113		M	0.2950	3-1/16	4-3/8	10	10.08
DR74019	19/64		0.2969	3-1/16	4-3/8	10	12.69
DR74114		N	0.3020	3-1/16	4-3/8	10	10.08
DR74020	5/16		0.3125	3-3/16	4-1/2	10	9.28
DR74115		O	0.3160	3-3/16	4-1/2	10	10.32
DR74116		P	0.3230	3-5/16	4-5/8	10	11.31
DR74021	21/64		0.3281	3-5/16	4-5/8	10	15.60
DR74117		Q	0.3320	3-7/16	4-3/4	10	11.55
DR74118		R	0.3390	3-7/16	4-3/4	5	12.12
DR74022	11/32		0.3438	3-7/16	4-3/4	5	16.97
DR74119		S	0.3480	3-1/2	4-7/8	5	13.02
DR74120		T	0.3580	3-1/2	4-7/8	5	14.64
DR74023	23/64		0.3594	3-1/2	4-7/8	5	17.65



**JOBBER DRILLS - RIGHT HAND - HEAVY DUTY - 135° SPLIT POINT  
FORETS A QUEUE CYLINDRIQUE - ROBUSTE - POINTE EN CROIX 135°**

**DR74**



**HEAVY DUTY**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR74121		U	0.3680	3-5/8	5"	5	14.31
DR74024	3/8		0.3750	3-5/8	5"	5	13.57
DR74122		V	0.3770	3-5/8	5"	5	14.97
DR74123		W	0.3860	3-3/4	5-1/8	5	15.57
DR74025	25/64		0.3906	3-3/4	5-1/8	5	20.17
DR74124		X	0.3970	3-3/4	5-1/8	5	18.69
DR74125		Y	0.4040	3-7/8	5-1/4	5	21.84
DR74026	13/32		0.4062	3-7/8	5-1/4	5	24.47

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR74126		Z	0.4130	3-7/8	5-1/4	5	22.41
DR74027	27/64		0.4219	3-15/16	5-3/8	5	24.76
DR74028	7/16		0.4375	4-1/16	5-1/2	5	19.14
DR74029	29/64		0.4531	4-3/16	5-5/8	5	29.10
DR74030	15/32		0.4688	4-5/16	5-3/4	5	33.86
DR74031	31/64		0.4844	4-3/8	5-7/8	5	35.91
DR74032	1/2		0.5000	4-1/2	6"	5	26.13

**JOBBER DRILLS - RIGHT HAND - SLOW SPIRAL  
FORETS A QUEUE CYLINDRIQUE - HELICE ALLONGEE**

**DR72**



**SLOW SPIRAL**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR72280		80	0.0135	1/8	3/4	10	9.36
DR72279		79	0.0145	1/8	3/4	10	9.36
DR72001	1/64		0.0156	3/16	3/4	10	9.36
DR72278		78	0.0160	3/16	7/8	10	7.88
DR72277		77	0.0180	3/16	7/8	10	7.88
DR72276		76	0.0200	3/16	7/8	10	7.88
DR72275		75	0.0210	1/4	1"	10	7.88
DR72274		74	0.0225	1/4	1"	10	7.88
DR72273		73	0.0240	5/16	1-1/8	10	7.88
DR72272		72	0.0250	5/16	1-1/8	10	7.88
DR72271		71	0.0260	3/8	1-1/4	10	7.88
DR72270		70	0.0280	3/8	1-1/4	10	6.03
DR72269		69	0.0292	1/2	1-3/8	10	6.03
DR72268		68	0.0310	1/2	1-3/8	10	5.46
DR72002	1/32		0.0312	1/2	1-3/8	10	6.01
DR72267		67	0.0320	1/2	1-3/8	10	5.46
DR72266		66	0.0330	1/2	1-3/8	10	5.46
DR72265		65	0.0350	5/8	1-1/2	10	5.46
DR72264		64	0.0360	5/8	1-1/2	10	5.46
DR72263		63	0.0370	5/8	1-1/2	10	5.46
DR72262		62	0.0380	5/8	1-1/2	10	5.46
DR72261		61	0.0390	11/16	1-5/8	10	5.46
DR72260		60	0.0400	11/16	1-5/8	10	4.40
DR72259		59	0.0410	11/16	1-5/8	10	4.40
DR72258		58	0.0420	11/16	1-5/8	10	4.40
DR72257		57	0.0430	3/4	1-3/4	10	4.40
DR72256		56	0.0465	3/4	1-3/4	10	4.40
DR72003	3/64		0.0469	3/4	1-3/4	10	4.40
DR72255		55	0.0520	7/8	1-7/8	10	4.40
DR72254		54	0.0550	7/8	1-7/8	10	4.40
DR72253		53	0.0595	7/8	1-7/8	10	4.40
DR72004	1/16		0.0625	7/8	1-7/8	10	4.05

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR72252		52	0.0635	7/8	1-7/8	10	4.52
DR72251		51	0.0670	1"	2"	10	4.52
DR72250		50	0.0700	1"	2"	10	4.52
DR72249		49	0.0730	1"	2"	10	4.52
DR72248		48	0.0760	1"	2"	10	4.52
DR72005	5/64		0.0781	1"	2"	10	4.05
DR72247		47	0.0785	1"	2"	10	4.52
DR72246		46	0.0810	1-1/8	2-1/8	10	4.52
DR72245		45	0.0820	1-1/8	2-1/8	10	4.52
DR72244		44	0.0860	1-1/8	2-1/8	10	4.52
DR72243		43	0.0890	1-1/4	2-1/4	10	4.52
DR72242		42	0.0935	1-1/4	2-1/4	10	4.52
DR72006	3/32		0.0938	1-1/4	2-1/4	10	4.05
DR72241		41	0.0960	1-3/8	2-3/8	10	4.52
DR72240		40	0.0980	1-3/8	2-3/8	10	4.45
DR72239		39	0.0995	1-3/8	2-3/8	10	4.45
DR72238		38	0.1015	1-7/16	2-1/2	10	4.45
DR72237		37	0.1040	1-7/16	2-1/2	10	4.45
DR72236		36	0.1065	1-7/16	2-1/2	10	4.45
DR72007	7/64		0.1094	1-1/2	2-5/8	10	4.05
DR72235		35	0.1100	1-1/2	2-5/8	10	4.45
DR72234		34	0.1110	1-1/2	2-5/8	10	4.45
DR72233		33	0.1130	1-1/2	2-5/8	10	4.45
DR72232		32	0.1160	1-5/8	2-3/4	10	4.45
DR72231		31	0.1200	1-5/8	2-3/4	10	4.45
DR72008	1/8		0.1250	1-5/8	2-3/4	10	4.05
DR72230		30	0.1285	1-5/8	2-3/4	10	4.45
DR72229		29	0.1360	1-3/4	2-7/8	10	4.45
DR72228		28	0.1405	1-3/4	2-7/8	10	5.13
DR72009	9/64		0.1406	1-3/4	2-7/8	10	4.05
DR72227		27	0.1440	1-7/8	3"	10	5.13
DR72226		26	0.1470	1-7/8	3"	10	5.13

**JOBBER DRILLS - RIGHT HAND - SLOW SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - HELICE ALLONGEE**

**DR72**



**SLOW SPIRAL**

**DRILLS - STRAIGHT SHANK**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR72225		25	0.1495	1-7/8	3"	10	5.60
DR72224		24	0.1520	2"	3-1/8	10	5.60
DR72223		23	0.1540	2"	3-1/8	10	5.60
DR72010	5/32		0.1562	2"	3-1/8	10	4.69
DR72222		22	0.1570	2"	3-1/8	10	5.60
DR72221		21	0.1590	2-1/8	3-1/4	10	5.60
DR72220		20	0.1610	2-1/8	3-1/4	10	5.98
DR72219		19	0.1660	2-1/8	3-1/4	10	5.98
DR72218		18	0.1695	2-1/8	3-1/4	10	5.98
DR72011	11/64		0.1719	2-1/8	3-1/4	10	5.68
DR72217		17	0.1730	2-3/16	3-3/8	10	6.74
DR72216		16	0.1770	2-3/16	3-3/8	10	6.74
DR72215		15	0.1800	2-3/16	3-3/8	10	6.74
DR72214		14	0.1820	2-3/16	3-3/8	10	6.74
DR72213		13	0.1850	2-5/16	3-1/2	10	6.74
DR72012	3/16		0.1875	2-5/16	3-1/2	10	5.65
DR72212		12	0.1890	2-5/16	3-1/2	10	7.22
DR72211		11	0.1910	2-5/16	3-1/2	10	7.22
DR72210		10	0.1935	2-7/16	3-5/8	10	7.76
DR72209		9	0.1960	2-7/16	3-5/8	10	7.76
DR72208		8	0.1990	2-7/16	3-5/8	10	7.76
DR72207		7	0.2010	2-7/16	3-5/8	10	7.76
DR72013	13/64		0.2031	2-7/16	3-5/8	10	6.74
DR72206		6	0.2040	2-1/2	3-3/4	10	9.06
DR72205		5	0.2055	2-1/2	3-3/4	10	9.06
DR72204		4	0.2090	2-1/2	3-3/4	10	9.06
DR72203		3	0.2130	2-1/2	3-3/4	10	9.06
DR72014	7/32		0.2168	2-1/2	3-3/4	10	7.64
DR72202		2	0.2210	2-5/8	3-7/8	10	9.42
DR72201		1	0.2280	2-5/8	3-7/8	10	9.42
DR72101		A	0.2340	2-5/8	3-7/8	10	11.66
DR72015	15/64		0.2344	2-5/8	3-7/8	10	8.63
DR72102		B	0.2380	2-3/4	4"	10	11.66
DR72103		C	0.2420	2-3/4	4"	10	11.66
DR72104		D	0.2460	2-3/4	4"	10	11.66
DR72016	1/4		0.2500	2-3/4	4"	10	8.70
DR72106		F	0.2570	2-7/8	4-1/8	10	11.66
DR72107		G	0.2610	2-7/8	4-1/8	10	12.32
DR72017	17/64		0.2658	2-7/8	4-1/8	10	10.45
DR72108		H	0.2660	2-7/8	4-1/8	10	16.32
DR72109		I	0.2720	2-7/8	4-1/8	10	16.96
DR72110		J	0.2770	2-7/8	4-1/8	10	16.96
DR72111		K	0.2810	2-15/16	4-1/4	10	16.96
DR72018	9/32		0.2812	2-15/16	4-1/4	10	10.88
DR72112		L	0.2900	2-15/16	4-1/4	10	16.96
DR72113		M	0.2950	3-1/16	4-3/8	10	18.36
DR72019	19/64		0.2969	3-1/16	4-3/8	10	12.89
DR72114		N	0.3020	3-1/16	4-3/8	10	18.36
DR72020	5/16		0.3125	3-3/16	4-1/2	10	13.36
DR72115		O	0.3160	3-3/16	4-1/2	10	20.01

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR72116		P	0.3230	3-5/16	4-5/8	10	20.01
DR72021	21/64		0.3281	3-5/16	4-5/8	10	14.60
DR72117		Q	0.3320	3-7/16	4-3/4	10	20.01
DR72118		R	0.3390	3-7/16	4-3/4	5	22.99
DR72022	11/32		0.3438	3-7/16	4-3/4	5	16.16
DR72119		S	0.3480	3-1/2	4-7/8	5	24.08
DR72120		T	0.3580	3-1/2	4-7/8	5	24.08
DR72023	23/64		0.3594	3-1/2	4-7/8	5	21.83
DR72121		U	0.3680	3-5/8	5"	5	24.08
DR72024	3/8		0.3750	3-5/8	5"	5	19.28
DR72122		V	0.3770	3-5/8	5"	5	25.03
DR72123		W	0.3860	3-3/4	5-1/8	5	29.61
DR72025	25/64		0.3906	3-3/4	5-1/8	5	24.19
DR72124		X	0.3970	3-3/4	5-1/8	5	29.61
DR72125		Y	0.4040	3-7/8	5-1/4	5	33.23
DR72026	13/32		0.4062	3-7/8	5-1/4	5	25.77
DR72126		Z	0.4130	3-7/8	5-1/4	5	33.23
DR72027	27/64		0.4219	3-15/16	5-3/8	5	28.36
DR72028	7/16		0.4375	4-1/16	5-1/2	5	29.32
DR72029	29/64		0.4531	4-3/16	5-5/8	5	33.19
DR72030	15/32		0.4688	4-5/16	5-3/4	5	34.77
DR72031	31/64		0.4844	4-3/8	5-7/8	5	37.35
DR72032	1/2		0.5000	4-1/2	6"	5	38.02

**FORETS - QUEUE CYLINDRIQUE**



**JOBBER DRILLS - RIGHT HAND - FAST SPIRAL  
FORETS A QUEUE CYLINDRIQUE - HELICE SERREE**

**DR73**



**FAST SPIRAL**

CODE	FRAC	NO	DEC	FLT	QA	PKG	\$ EA
DR73280		80	0.0135	1/8	3/4	10	9.36
DR73279		79	0.0145	1/8	3/4	10	9.36
DR73001	1/64		0.0156	3/16	3/4	10	9.36
DR73278		78	0.0160	3/16	7/8	10	7.88
DR73277		77	0.0180	3/16	7/8	10	7.88
DR73276		76	0.0200	3/16	7/8	10	7.88
DR73275		75	0.0210	1/4	1"	10	7.88
DR73274		74	0.0225	1/4	1"	10	7.88
DR73273		73	0.0240	5/16	1-1/8	10	7.88
DR73272		72	0.0250	5/16	1-1/8	10	7.88
DR73271		71	0.0260	3/8	1-1/4	10	7.88
DR73270		70	0.0260	3/8	1-1/4	10	6.03
DR73269		69	0.0292	1/2	1-3/8	10	6.03
DR73268		68	0.0310	1/2	1-3/8	10	5.46
DR73002	1/32		0.0312	1/2	1-3/8	10	6.01
DR73267		67	0.0320	1/2	1-3/8	10	5.46
DR73266		66	0.0330	1/2	1-3/8	10	5.46
DR73265		65	0.0350	5/8	1-1/2	10	5.46
DR73264		64	0.0360	5/8	1-1/2	10	5.46
DR73263		63	0.0370	5/8	1-1/2	10	5.46
DR73262		62	0.0380	5/8	1-1/2	10	5.46
DR73261		61	0.0390	11/16	1-5/8	10	5.46
DR73260		60	0.0400	11/16	1-5/8	10	4.40
DR73259		59	0.0410	11/16	1-5/8	10	4.40
DR73258		58	0.0420	11/16	1-5/8	10	4.40
DR73257		57	0.0430	3/4	1-3/4	10	4.40
DR73256		56	0.0465	3/4	1-3/4	10	4.40
DR73003	3/64		0.0469	3/4	1-3/4	10	4.40
DR73255		55	0.0520	7/8	1-7/8	10	4.40
DR73254		54	0.0550	7/8	1-7/8	10	4.40
DR73253		53	0.0595	7/8	1-7/8	10	4.40
DR73004	1/16		0.0625	7/8	1-7/8	10	4.05
DR73252		52	0.0635	7/8	1-7/8	10	4.52
DR73251		51	0.0670	1"	2"	10	4.52
DR73250		50	0.0700	1"	2"	10	4.52
DR73249		49	0.0730	1"	2"	10	4.52
DR73248		48	0.0760	1"	2"	10	4.52
DR73005	5/64		0.0781	1"	2"	10	4.05
DR73247		47	0.0785	1"	2"	10	4.52
DR73246		46	0.0810	1-1/8	2-1/8	10	4.52
DR73245		45	0.0820	1-1/8	2-1/8	10	4.52
DR73244		44	0.0860	1-1/8	2-1/8	10	4.52
DR73243		43	0.0890	1-1/4	2-1/4	10	4.52
DR73242		42	0.0935	1-1/4	2-1/4	10	4.52
DR73006	3/32		0.0938	1-1/4	2-1/4	10	4.05
DR73241		41	0.0960	1-3/8	2-3/8	10	4.52
DR73240		40	0.0980	1-3/8	2-3/8	10	4.45
DR73239		39	0.0995	1-3/8	2-3/8	10	4.45
DR73238		38	0.1015	1-7/16	2-1/2	10	4.45
DR73237		37	0.1040	1-7/16	2-1/2	10	4.45

CODE	FRAC	NO	DEC	FLT	QA	PKG	\$ EA
DR73236		36	0.1065	1-7/16	2-1/2	10	4.45
DR73007	7/64		0.1094	1-1/2	2-5/8	10	4.05
DR73235		35	0.1100	1-1/2	2-5/8	10	4.45
DR73234		34	0.1110	1-1/2	2-5/8	10	4.45
DR73233		33	0.1130	1-1/2	2-5/8	10	4.45
DR73232		32	0.1160	1-5/8	2-3/4	10	4.45
DR73231		31	0.1200	1-5/8	2-3/4	10	4.45
DR73008	1/8		0.1250	1-5/8	2-3/4	10	4.05
DR73230		30	0.1285	1-5/8	2-3/4	10	4.45
DR73229		29	0.1360	1-3/4	2-7/8	10	4.45
DR73228		28	0.1405	1-3/4	2-7/8	10	5.13
DR73009	9/64		0.1406	1-3/4	2-7/8	10	4.05
DR73227		27	0.1440	1-7/8	3"	10	5.13
DR73226		26	0.1470	1-7/8	3"	10	5.13
DR73225		25	0.1495	1-7/8	3"	10	5.60
DR73224		24	0.1520	2"	3-1/8	10	5.60
DR73223		23	0.1540	2"	3-1/8	10	5.80
DR73010	5/32		0.1562	2"	3-1/8	10	4.89
DR73222		22	0.1570	2"	3-1/8	10	5.80
DR73221		21	0.1590	2-1/8	3-1/4	10	5.80
DR73220		20	0.1610	2-1/8	3-1/4	10	5.98
DR73219		19	0.1660	2-1/8	3-1/4	10	5.98
DR73218		18	0.1695	2-1/8	3-1/4	10	5.98
DR73011	11/64		0.1719	2-1/8	3-1/4	10	5.68
DR73217		17	0.1730	2-3/16	3-3/8	10	6.74
DR73216		16	0.1770	2-3/16	3-3/8	10	6.74
DR73215		15	0.1800	2-3/16	3-3/8	10	6.74
DR73214		14	0.1820	2-3/16	3-3/8	10	6.74
DR73213		13	0.1850	2-5/16	3-1/2	10	6.74
DR73012	3/16		0.1875	2-5/16	3-1/2	10	5.65
DR73212		12	0.1890	2-5/16	3-1/2	10	7.22
DR73211		11	0.1910	2-5/16	3-1/2	10	7.22
DR73210		10	0.1935	2-7/16	3-5/8	10	7.76
DR73209		9	0.1960	2-7/16	3-5/8	10	7.76
DR73208		8	0.1990	2-7/16	3-5/8	10	7.76
DR73207		7	0.2010	2-7/16	3-5/8	10	7.76
DR73013	13/64		0.2031	2-7/16	3-5/8	10	6.74
DR73206		6	0.2040	2-1/2	3-3/4	10	9.08
DR73205		5	0.2055	2-1/2	3-3/4	10	9.08
DR73204		4	0.2090	2-1/2	3-3/4	10	9.08
DR73203		3	0.2130	2-1/2	3-3/4	10	9.08
DR73014	7/32		0.2186	2-1/2	3-3/4	10	7.64
DR73202		2	0.2210	2-5/8	3-7/8	10	9.42
DR73201		1	0.2280	2-5/8	3-7/8	10	9.42
DR73101		A	0.2340	2-5/8	3-7/8	10	11.66
DR73015	15/64		0.2344	2-5/8	3-7/8	10	8.63
DR73102		B	0.2380	2-3/4	4"	10	11.66
DR73103		C	0.2420	2-3/4	4"	10	11.66
DR73104		D	0.2460	2-3/4	4"	10	11.66
DR73016	1/4		0.2500	2-3/4	4"	10	8.70

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**





**JOBBER DRILLS - RIGHT HAND - HALF-ROUND**  
**FORETS A QUEUE CYLINDRIQUE - DEMI RONDE**

**DR53**

**HALF-ROUND**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR53260		60	0.0400	11/16	1-5/8	1	12.38
DR53259		59	0.0410	11/16	1-5/8	1	12.38
DR53258		58	0.0420	11/16	1-5/8	1	12.38
DR53257		57	0.0430	3/4	1-3/4	1	12.38
DR53256		56	0.0465	3/4	1-3/4	1	12.38
DR53255		55	0.0520	7/8	1-7/8	1	12.38
DR53004	1/16		0.0625	7/8	1-7/8	1	13.39
DR53252		52	0.0635	7/8	1-7/8	1	12.38
DR53251		51	0.0670	1"	2"	1	12.38
DR53250		50	0.0700	1"	2"	1	12.38
DR53249		49	0.0730	1"	2"	1	12.38
DR53248		48	0.0760	1"	2"	1	12.38
DR53005	5/64		0.0781	1"	2"	1	13.39
DR53247		47	0.0785	1"	2"	1	12.38
DR53246		46	0.0810	1-1/8	2-1/8	1	12.38
DR53245		45	0.0820	1-1/8	2-1/8	1	12.38
DR53244		44	0.0860	1-1/8	2-1/8	1	12.38
DR53243		43	0.0890	1-1/4	2-1/4	1	12.38
DR53242		42	0.0935	1-1/4	2-1/4	1	12.38
DR53006	3/32		0.0938	1-1/4	2-1/4	1	13.39
DR53241		41	0.0960	1-3/8	2-3/8	1	12.38
DR53240		40	0.0980	1-3/8	2-3/8	1	12.13
DR53239		39	0.0995	1-3/8	2-3/8	1	12.13
DR53238		38	0.1015	1-7/16	2-1/2	1	12.13
DR53237		37	0.1040	1-7/16	2-1/2	1	12.13
DR53236		36	0.1065	1-7/16	2-1/2	1	12.13
DR53007	7/64		0.1094	1-1/2	2-5/8	1	14.25
DR53235		35	0.1100	1-1/2	2-5/8	1	12.93
DR53234		34	0.1110	1-1/2	2-5/8	1	12.93
DR53233		33	0.1130	1-1/2	2-5/8	1	12.93
DR53232		32	0.1160	1-5/8	2-3/4	1	12.93
DR53231		31	0.1200	1-5/8	2-3/4	1	12.93
DR53008	1/8		0.1250	1-5/8	2-3/4	1	15.17
DR53230		30	0.1285	1-5/8	2-3/4	1	13.86
DR53229		29	0.1360	1-3/4	2-7/8	1	13.86
DR53228		28	0.1405	1-3/4	2-7/8	1	13.86
DR53009	9/64		0.1406	1-3/4	2-7/8	1	15.17
DR53227		27	0.1440	1-7/8	3"	1	13.86
DR53226		26	0.1470	1-7/8	3"	1	13.86
DR53225		25	0.1495	1-7/8	3"	1	13.86
DR53224		24	0.1520	2"	3-1/8	1	13.86
DR53223		23	0.1540	2"	3-1/8	1	13.86
DR53010	5/32		0.1562	2"	3-1/8	1	15.67
DR53222		22	0.1570	2"	3-1/8	1	14.22
DR53221		21	0.1590	2-1/8	3-1/4	1	14.22
DR53220		20	0.1610	2-1/8	3-1/4	1	14.22
DR53219		19	0.1660	2-1/8	3-1/4	1	14.22
DR53218		18	0.1695	2-1/8	3-1/4	1	14.22
DR53011	11/64		0.1719	2-1/8	3-1/4	1	17.28
DR53217		17	0.1730	2-3/16	3-3/8	1	15.10

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR53216		16	0.1770	2-3/16	3-3/8	1	15.10
DR53215		15	0.1800	2-3/16	3-3/8	1	15.10
DR53214		14	0.1820	2-3/16	3-3/8	1	15.10
DR53213		13	0.1850	2-5/16	3-1/2	1	15.10
DR53012	3/16		0.1875	2-5/16	3-1/2	1	18.82
DR53212		12	0.1890	2-5/16	3-1/2	1	17.09
DR53211		11	0.1910	2-5/16	3-1/2	1	17.09
DR53210		10	0.1935	2-7/16	3-5/8	1	17.09
DR53209		9	0.1960	2-7/16	3-5/8	1	17.09
DR53208		8	0.1990	2-7/16	3-5/8	1	17.09
DR53207		7	0.2010	2-7/16	3-5/8	1	17.09
DR53013	13/64		0.2031	2-7/16	3-5/8	1	21.97
DR53206		6	0.2040	2-1/2	3-3/4	1	19.25
DR53205		5	0.2055	2-1/2	3-3/4	1	19.25
DR53204		4	0.2090	2-1/2	3-3/4	1	19.25
DR53203		3	0.2130	2-1/2	3-3/4	1	19.25
DR53014	7/32		0.2188	2-1/2	3-3/4	1	23.72
DR53202		2	0.2210	2-5/8	3-7/8	1	21.58
DR53201		1	0.2280	2-5/8	3-7/8	1	21.58
DR53015	15/64		0.2344	2-5/8	3-7/8	1	25.99
DR53016	1/4		0.2500	2-3/4	4"	1	26.89
DR53017	17/64		0.2656	2-7/8	4-1/8	1	33.55
DR53018	9/32		0.2812	2-15/16	4-1/4	1	34.49
DR53019	19/64		0.2969	3-1/16	4-3/8	1	40.16
DR53020	5/16		0.3125	3-3/16	4-1/2	1	42.37
DR53021	21/64		0.3281	3-5/16	4-5/8	1	48.07
DR53022	11/32		0.3438	3-7/16	4-3/4	1	52.21
DR53023	23/64		0.3594	3-1/2	4-7/8	1	60.39
DR53024	3/8		0.3750	3-5/8	5"	1	60.39
DR53025	25/64		0.3906	3-3/4	5-1/8	1	70.47
DR53026	13/32		0.4062	3-7/8	5-1/4	1	70.72
DR53027	27/64		0.4219	3-15/16	5-3/8	1	81.40
DR53028	7/16		0.4375	4-1/16	5-1/2	1	81.11
DR53029	29/64		0.4531	4-3/16	5-5/8	1	94.37
DR53030	15/32		0.4688	4-5/16	5-3/4	1	96.34
DR53031	31/64		0.4844	4-3/8	5-7/8	1	105.53
DR53032	1/2		0.5000	4-1/2	6"	1	103.56

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

**JOBBER DRILLS - RIGHT HAND - COBALT - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - COBALT - FRACTIONNEL**

**DR09**



**COBALT**

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR09280		80	0.0135	5/32	3/4	10	9.76
DR09279		79	0.0145	5/32	3/4	10	9.23
DR09001	1/64		0.0156	3/16	13/16	10	8.10
DR09278		78	0.0160	3/16	13/16	10	8.10
DR09277		77	0.0180	3/16	13/16	10	8.10
DR09276		76	0.0200	1/4	7/8	10	8.10
DR09275		75	0.0210	9/32	15/16	10	6.42
DR09274		74	0.0225	9/32	15/16	10	6.42
DR09273		73	0.0240	5/16	1"	10	6.42
DR09272		72	0.0250	5/16	1"	10	6.42
DR09271		71	0.0260	5/16	1"	10	6.42
DR09270		70	0.0280	11/32	1-1/8	10	6.42
DR09269		69	0.0292	11/32	1-1/8	10	6.42
DR09268		68	0.0310	13/32	1-3/16	10	6.42
DR09002	1/32		0.0312	13/32	1-3/16	10	6.42
DR09267		67	0.0320	13/32	1-3/16	10	5.47
DR09266		66	0.0330	13/32	1-3/16	10	5.47
DR09265		65	0.0350	7/16	1-1/4	10	5.47
DR09264		64	0.0360	7/16	1-1/4	10	5.47
DR09263		63	0.0370	7/16	1-1/4	10	5.47
DR09262		62	0.0380	15/32	1-5/16	10	5.47
DR09261		61	0.0390	15/32	1-5/16	10	5.47
DR09260		60	0.0400	11/16	1-5/8	10	5.47
DR09259		59	0.0410	11/16	1-5/8	10	5.47
DR09258		58	0.0420	11/16	1-5/8	10	5.47
DR09257		57	0.0430	3/4	1-3/4	10	5.47
DR09256		56	0.0465	3/4	1-3/4	10	5.47
DR09003	3/64		0.0469	7/8	1-7/8	10	5.04
DR09255		55	0.0520	7/8	1-7/8	10	4.79
DR09254		54	0.0550	7/8	1-7/8	10	4.79
DR09253		53	0.0595	7/8	1-7/8	10	4.79
DR09004	1/16		0.0625	7/8	1-7/8	10	4.83
DR09252		52	0.0635	7/8	1-7/8	10	4.41
DR09251		51	0.0670	1"	2"	10	4.41
DR09250		50	0.0700	1"	2"	10	4.41
DR09249		49	0.0730	1"	2"	10	4.41
DR09248		48	0.0760	1"	2"	10	4.41
DR09005	5/64		0.0781	1"	2"	10	6.63
DR09247		47	0.0785	1"	2"	10	4.41
DR09246		46	0.0810	1-1/8	2-1/8	10	4.41
DR09245		45	0.0820	1-1/8	2-1/8	10	4.41
DR09244		44	0.0860	1-1/8	2-1/8	10	4.41
DR09243		43	0.0890	1-1/4	2-1/4	10	4.41
DR09242		42	0.0935	1-1/4	2-1/4	10	4.41
DR09006	3/32		0.0938	1-1/4	2-1/4	10	4.29
DR09241		41	0.0960	1-3/8	2-3/8	10	4.54
DR09240		40	0.0980	1-3/8	2-3/8	10	4.54
DR09239		39	0.0995	1-3/8	2-3/8	10	4.54
DR09238		38	0.1015	1-7/16	2-1/2	10	4.54
DR09237		37	0.1040	1-7/16	2-1/2	10	4.92

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR09236		36	0.1065	1-7/16	2-1/2	10	4.92
DR09007	7/64		0.1094	1-1/2	2-5/8	10	4.45
DR09235		35	0.1100	1-1/2	2-5/8	10	4.92
DR09234		34	0.1110	1-1/2	2-5/8	10	4.92
DR09233		33	0.1130	1-1/2	2-5/8	10	4.92
DR09232		32	0.1160	1-5/8	2-3/4	10	5.20
DR09231		31	0.1200	1-5/8	2-3/4	10	5.20
DR09008	1/8		0.1250	1-5/8	2-3/4	10	4.58
DR09230		30	0.1285	1-5/8	2-3/4	10	5.32
DR09229		29	0.1360	1-3/4	2-7/8	10	5.58
DR09228		28	0.1405	1-3/4	2-7/8	10	5.86
DR09009	9/64		0.1406	1-3/4	2-7/8	10	5.83
DR09227		27	0.1440	1-7/8	3"	10	6.26
DR09226		26	0.1470	1-7/8	3"	10	6.26
DR09225		25	0.1495	1-7/8	3"	10	6.26
DR09224		24	0.1520	2"	3-1/8	10	6.92
DR09223		23	0.1540	2"	3-1/8	10	6.92
DR09010	5/32		0.1562	2"	3-1/8	10	5.83
DR09222		22	0.1570	2"	3-1/8	10	6.92
DR09221		21	0.1590	2-1/8	3-1/4	10	6.92
DR09220		20	0.1610	2-1/8	3-1/4	10	6.92
DR09219		19	0.1660	2-1/8	3-1/4	10	6.92
DR09218		18	0.1695	2-1/8	3-1/4	10	7.07
DR09011	11/64		0.1719	2-1/8	3-1/4	10	6.74
DR09217		17	0.1730	2-3/16	3-3/8	10	7.72
DR09216		16	0.1770	2-3/16	3-3/8	10	7.97
DR09215		15	0.1800	2-3/16	3-3/8	10	8.52
DR09214		14	0.1820	2-3/16	3-3/8	10	8.52
DR09213		13	0.1850	2-5/16	3-1/2	10	8.52
DR09012	3/16		0.1875	2-5/16	3-1/2	10	7.27
DR09212		12	0.1890	2-5/16	3-1/2	10	8.96
DR09211		11	0.1910	2-5/16	3-1/2	10	8.95
DR09210		10	0.1935	2-7/16	3-5/8	10	8.95
DR09209		9	0.1960	2-7/16	3-5/8	10	8.95
DR09208		8	0.1990	2-7/16	3-5/8	10	8.95
DR09207		7	0.2010	2-7/16	3-5/8	10	8.95
DR09013	13/64		0.2031	2-7/16	3-5/8	10	7.65
DR09206		6	0.2040	2-1/2	3-3/4	10	11.42
DR09205		5	0.2055	2-1/2	3-3/4	10	11.42
DR09204		4	0.2090	2-1/2	3-3/4	10	11.42
DR09203		3	0.2130	2-1/2	3-3/4	10	11.42
DR09014	7/32		0.2188	2-1/2	3-3/4	10	7.93
DR09202		2	0.2210	2-5/8	3-7/8	10	12.22
DR09201		1	0.2280	2-5/8	3-7/8	10	12.22
DR09101		A	0.2340	2-5/8	3-7/8	10	11.42
DR09015	15/64		0.2344	2-5/8	3-7/8	10	8.89
DR09102		B	0.2380	2-3/4	4"	10	13.18
DR09103		C	0.2420	2-3/4	4"	10	13.18
DR09104		D	0.2460	2-3/4	4"	10	14.77
DR09016	1/4	E	0.2500	2-3/4	4"	10	9.85



**JOBBER DRILLS - RIGHT HAND - COBALT - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - COBALT - FRACTIONNEL**

**DR09**



**COBALT**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR09106		F	0.2570	2-7/8	4-1/8	10	13.18
DR09107		G	0.2610	2-7/8	4-1/8	10	13.18
DR09017	17/64		0.2656	2-7/8	4-1/8	10	11.34
DR09108		H	0.2660	2-7/8	4-1/8	10	14.77
DR09109		I	0.2720	2-7/8	4-1/8	10	13.84
DR09110		J	0.2770	2-7/8	4-1/8	10	14.77
DR09111		K	0.2810	2-15/16	4-1/4	10	14.77
DR09018	9/32		0.2812	2-15/16	4-1/4	10	12.86
DR09112		L	0.2900	2-15/16	4-1/4	10	16.75
DR09113		M	0.2950	3-1/16	4-3/8	10	17.71
DR09019	19/64		0.2969	3-1/16	4-3/8	10	14.45
DR09114		N	0.3020	3-1/16	4-3/8	10	17.71
DR09020	5/16		0.3125	3-3/16	4-1/2	10	16.08
DR09115		O	0.3160	3-3/16	4-1/2	10	19.57
DR09116		P	0.3230	3-5/16	4-5/8	10	20.88
DR09021	21/64		0.3281	3-5/16	4-5/8	10	17.82
DR09117		Q	0.3320	3-7/16	4-3/4	10	21.68
DR09118		R	0.3390	3-7/16	4-3/4	5	21.68
DR09022	11/32		0.3438	3-7/16	4-3/4	5	19.77
DR09119		S	0.3480	3-1/2	4-7/8	5	26.47
DR09120		T	0.3580	3-1/2	4-7/8	5	26.47
DR09023	23/64		0.3594	3-1/2	4-7/8	5	21.63
DR09121		U	0.3680	3-5/8	5"	5	26.47
DR09024	3/8		0.3750	3-5/8	5"	5	23.44
DR09122		V	0.3770	3-5/8	5"	5	29.13

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR09123		W	0.3860	3-3/4	5-1/8	5	29.13
DR09025	25/64		0.3906	3-3/4	5-1/8	5	24.48
DR09124		X	0.3970	3-3/4	5-1/8	5	29.13
DR09125		Y	0.4040	3-7/8	5-1/4	5	31.01
DR09026	13/32		0.4062	3-7/8	5-1/4	5	25.50
DR09126		Z	0.4130	3-7/8	5-1/4	5	33.66
DR09027	27/64		0.4219	3-15/16	5-3/8	5	27.84
DR09028	7/16		0.4375	4-1/16	5-1/2	5	29.74
DR09029	29/64		0.4531	4-3/16	5-5/8	5	42.60
DR09030	15/32		0.4688	4-5/16	5-3/4	5	34.63
DR09031	31/64		0.4844	4-3/8	5-7/8	5	37.08
DR09032	1/2		0.5000	4-1/2	6"	5	39.50
DR09033	33/64		0.5156	4-13/16	6-5/8	1	62.70
DR09034	17/32		0.5312	4-13/16	6-5/8	1	65.88
DR09035	35/64		0.5469	4-13/16	6-5/8	1	71.64
DR09036	9/16		0.5625	4-13/16	6-5/8	1	74.94
DR09037	37/64		0.5781	4-13/16	6-5/8	1	77.82
DR09038	19/32		0.5938	5-3/16	7-1/8	1	77.82
DR09039	39/64		0.6094	5-3/16	7-1/8	1	82.68
DR09040	5/8		0.6250	5-3/16	7-1/8	1	82.68
DR09041	41/64		0.6406	5-3/16	7-1/8	1	88.62
DR09042	21/32		0.6562	5-3/16	7-1/8	1	93.00
DR09043	43/64		0.6719	5-5/8	7-5/8	1	100.32
DR09044	11/16		0.6875	5-5/8	7-5/8	1	100.32

**JOBBER DRILLS - RIGHT HAND - COBALT - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - COBALT - FRACTIONNEL**

**DR90**



**COBALT**

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR90100	1.00	0.0394	12.0	34.0	10	8.56
DR90150	1.50	0.0591	18.0	40.0	10	6.57
DR90160	1.60	0.0630	20.0	43.0	10	9.47
DR90170	1.70	0.0669	20.0	43.0	10	9.23
DR90180	1.80	0.0709	22.0	46.0	10	8.99
DR90190	1.90	0.0748	22.0	46.0	10	8.84
DR90200	2.00	0.0787	24.0	49.0	10	5.81
DR90210	2.10	0.0827	24.0	49.0	10	8.66
DR90220	2.20	0.0866	27.0	53.0	10	8.56
DR90225	2.25	0.0866	27.0	53.0	10	8.56
DR90230	2.30	0.0906	27.0	53.0	10	8.56
DR90240	2.40	0.0945	30.0	57.0	10	8.47
DR90250	2.50	0.0984	30.0	57.0	10	5.70
DR90260	2.60	0.1024	30.0	57.0	10	8.60
DR90270	2.70	0.1063	33.0	61.0	10	8.66

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR90280	2.80	0.0394	12.0	34.0	10	8.66
DR90290	2.90	0.0591	16.0	40.0	10	8.79
DR90300	3.00	0.0630	20.0	43.0	10	5.95
DR90310	3.10	0.0669	20.0	43.0	10	9.08
DR90320	3.20	0.0709	22.0	46.0	10	9.23
DR90330	3.30	0.0748	22.0	46.0	10	6.26
DR90340	3.40	0.0787	24.0	49.0	10	9.52
DR90350	3.50	0.1378	39.0	70.0	10	6.49
DR90360	3.60	0.1417	39.0	70.0	10	9.98
DR90370	3.70	0.1457	39.0	70.0	10	10.15
DR90375	3.75	0.1476	39.0	70.0	10	12.32
DR90380	3.80	0.1496	43.0	75.0	10	10.35
DR90390	3.90	0.1535	43.0	75.0	10	10.65
DR90400	4.00	0.1575	43.0	75.0	10	7.25
DR90410	4.10	0.1614	43.0	75.0	10	11.14

**JOBBER DRILLS - RIGHT HAND - COBALT - FRACTIONAL  
FORETS A QUEUE CYLINDRIQUE - COBALT - FRACTIONNEL**

**DR90**



**COBALT**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR90420	4.20	0.1654	43.0	75.0	10	11.39
DR90425	4.25	0.1673	43.0	75.0	10	11.77
DR90430	4.30	0.1693	47.0	80.0	10	11.54
DR90440	4.40	0.1732	47.0	80.0	10	12.02
DR90450	4.50	0.1772	47.0	80.0	10	8.17
DR90460	4.60	0.1811	47.0	80.0	10	12.58
DR90470	4.70	0.1850	47.0	80.0	10	12.95
DR90480	4.80	0.1890	52.0	86.0	10	13.31
DR90490	4.90	0.1929	52.0	86.0	10	13.63
DR90500	5.00	0.1968	52.0	86.0	10	9.28
DR90510	5.10	0.2008	52.0	86.0	10	14.36
DR90520	5.20	0.2047	52.0	86.0	10	14.78
DR90530	5.30	0.2087	52.0	86.0	10	15.17
DR90540	5.40	0.2126	57.0	93.0	10	15.60
DR90550	5.50	0.2165	57.0	93.0	10	10.71
DR90560	5.60	0.2205	57.0	93.0	10	16.40
DR90570	5.70	0.2244	57.0	93.0	10	16.91
DR90580	5.80	0.2283	57.0	93.0	10	17.45
DR90590	5.90	0.2323	57.0	93.0	10	17.78
DR90600	6.00	0.2362	57.0	93.0	10	12.13
DR90610	6.10	0.2402	63.0	101.0	10	18.81
DR90620	6.20	0.2441	63.0	101.0	10	19.49
DR90630	6.30	0.2480	63.0	101.0	10	20.17
DR90640	6.40	0.2520	63.0	101.0	10	20.56
DR90650	6.50	0.2559	63.0	101.0	10	13.93
DR90660	6.60	0.2598	63.0	101.0	10	21.55
DR90670	6.70	0.2638	63.0	101.0	10	21.90
DR90680	6.80	0.2677	69.0	109.0	10	22.59
DR90690	6.90	0.2717	69.0	109.0	10	22.90
DR90700	7.00	0.2756	69.0	109.0	10	15.87
DR90710	7.10	0.2795	69.0	109.0	10	24.66
DR90720	7.20	0.2835	69.0	109.0	10	25.33
DR90730	7.30	0.2874	69.0	109.0	10	26.00
DR90740	7.40	0.2913	69.0	109.0	10	26.68
DR90750	7.50	0.2953	69.0	109.0	10	18.13
DR90760	7.60	0.2992	75.0	117.0	10	27.75
DR90770	7.70	0.3031	75.0	117.0	10	28.42
DR90780	7.80	0.3071	75.0	117.0	10	29.10
DR90790	7.90	0.3110	75.0	117.0	10	30.08
DR90800	8.00	0.3150	75.0	117.0	10	20.56
DR90810	8.10	0.3189	75.0	117.0	10	31.46
DR90820	8.20	0.3228	75.0	117.0	10	32.50
DR90830	8.30	0.3228	75.0	117.0	10	33.17
DR90840	8.40	0.3268	75.0	117.0	10	33.86
DR90850	8.50	0.3307	75.0	117.0	10	22.90
DR90860	8.60	0.3346	75.0	117.0	10	35.60
DR90870	8.70	0.3386	81.0	125.0	5	36.58
DR90880	8.80	0.3425	81.0	125.0	5	37.26
DR90890	8.90	0.3465	81.0	125.0	5	37.95
DR90900	9.00	0.3504	81.0	125.0	5	26.38

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR90910	9.10	0.3583	81.0	125.0	5	40.06
DR90920	9.20	0.3622	81.0	125.0	5	41.04
DR90930	9.30	0.3661	81.0	125.0	5	42.11
DR90940	9.40	0.3701	81.0	125.0	5	42.78
DR90950	9.50	0.3740	81.0	125.0	5	29.10
DR90960	9.60	0.3780	87.0	133.0	5	44.82
DR90970	9.70	0.3819	87.0	133.0	5	45.52
DR90980	9.80	0.3858	87.0	133.0	5	47.18
DR90990	9.90	0.3898	87.0	133.0	5	48.23
DR91000	10.00	0.3937	87.0	133.0	5	32.81
DR91010	10.10	0.3976	87.0	133.0	5	54.03
DR91020	10.20	0.4016	87.0	133.0	5	51.62
DR91030	10.30	0.4055	87.0	133.0	5	54.03
DR91040	10.40	0.4094	87.0	133.0	5	56.46
DR91050	10.50	0.4134	87.0	133.0	5	55.09
DR91060	10.60	0.4173	87.0	133.0	5	63.95
DR91070	10.70	0.4213	94.0	142.0	5	66.68
DR91080	10.80	0.4252	94.0	142.0	5	69.08
DR91090	10.90	0.4291	94.0	142.0	5	71.81
DR91100	11.00	0.4331	94.0	142.0	5	40.35
DR91111	11.10	0.4370	94.0	142.0	5	72.88
DR91112	11.20	0.4409	94.0	142.0	5	74.92
DR91113	11.30	0.4449	94.0	142.0	5	75.90
DR91114	11.40	0.4488	94.0	142.0	5	76.58
DR91115	11.50	0.4528	94.0	142.0	5	67.73
DR91116	11.60	0.4567	94.0	142.0	5	78.31
DR91117	11.70	0.4606	94.0	142.0	5	79.37
DR91118	11.80	0.4646	94.0	142.0	5	79.37
DR91119	11.90	0.4685	101.0	151.0	5	79.98
DR91120	12.00	0.4724	101.0	151.0	5	49.57
DR91121	12.10	0.4764	101.0	151.0	5	84.49
DR91122	12.20	0.4803	101.0	151.0	5	97.83
DR91123	12.30	0.4843	101.0	151.0	5	99.17
DR91124	12.40	0.4882	101.0	151.0	5	101.59
DR91125	12.50	0.4921	101.0	151.0	5	82.77
DR91130	13.00	0.5118	101.0	151.0	5	79.74
DR91135	13.50	0.5315	101.0	151.0	1	100.23
DR91140	14.00	0.5512	101.0	151.0	1	109.45
DR91145	14.50	0.5709	114.0	169.0	1	113.54
DR91150	15.00	0.5906	114.0	169.0	1	131.00
DR91155	15.50	0.6102	120.0	178.0	1	144.00
DR91160	16.00	0.6299	120.0	178.0	1	156.64



**JOBBER DRILLS - PARABOLIC FLUTE - 135° SPLIT POINT - COBALT - OM200**  
**FORETS PARABOLIQUES - POINTE EN CROIX 135° - COBALT - OM200**

**DR11**



**OM200**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR11630		3.00	0.1181	33.0	61.0	10	8.79
DR11631		3.10	0.1220	36.0	65.0	10	8.79
DR11008	1/8		0.1250	36.0	65.0	10	5.13
DR11632		3.20	0.1260	36.0	65.0	10	8.79
DR11633		3.30	0.1299	36.0	65.0	10	9.04
DR11634		3.40	0.1339	39.0	70.0	10	9.08
DR11635		3.50	0.1378	39.0	70.0	10	9.08
DR11009	9/64		0.1406	39.0	70.0	10	5.13
DR11636		3.60	0.1417	39.0	70.0	10	9.59
DR11637		3.70	0.1457	39.0	70.0	10	9.59
DR11638		3.80	0.1496	43.0	75.0	10	10.40
DR11639		3.90	0.1535	43.0	75.0	10	10.40
DR11010	5/32		0.1562	43.0	75.0	10	5.78
DR11640		4.00	0.1575	43.0	75.0	10	10.40
DR11641		4.10	0.1614	43.0	75.0	10	11.19
DR11642		4.20	0.1654	43.0	75.0	10	11.19
DR11643		4.30	0.1693	47.0	80.0	10	11.19
DR11011	11/64		0.1719	47.0	80.0	10	6.11
DR11644		4.40	0.1732	47.0	80.0	10	12.06
DR11645		4.50	0.1772	47.0	80.0	10	12.06
DR11646		4.60	0.1811	47.0	80.0	10	12.06
DR11647		4.70	0.1850	47.0	80.0	10	12.69
DR11012	3/16		0.1875	52.0	86.0	10	6.92
DR11648		4.80	0.1890	52.0	86.0	10	12.87
DR11649		4.90	0.1929	52.0	86.0	10	12.87
DR11650		5.00	0.1968	52.0	86.0	10	12.87
DR11651		5.10	0.2008	52.0	86.0	10	15.53
DR11013	13/64		0.2031	52.0	86.0	10	8.27
DR11652		5.20	0.2047	52.0	86.0	10	16.66
DR11653		5.30	0.2087	52.0	86.0	10	16.66
DR11654		5.40	0.2126	57.0	93.0	10	20.86
DR11655		5.50	0.2165	57.0	93.0	10	15.41
DR11014	7/32		0.2188	57.0	93.0	10	9.02
DR11656		5.60	0.2205	57.0	93.0	10	22.23
DR11657		5.70	0.2244	57.0	93.0	10	22.23
DR11658		5.80	0.2283	57.0	93.0	10	22.23
DR11659		5.90	0.2323	57.0	93.0	10	22.23
DR11015	15/64		0.2344	57.0	93.0	10	9.62
DR11660		6.00	0.2362	57.0	93.0	10	17.45
DR11661		6.10	0.2402	63.0	101.0	10	25.33
DR11662		6.20	0.2441	63.0	101.0	10	25.33
DR11663		6.30	0.2480	63.0	101.0	10	27.36
DR11016	1/4		0.2500	63.0	101.0	10	10.32
DR11664		6.40	0.2520	63.0	101.0	10	27.36
DR11665		6.50	0.2559	63.0	101.0	10	18.81
DR11666		6.60	0.2598	63.0	101.0	10	28.05
DR11667		6.70	0.2638	63.0	101.0	10	28.05
DR11017	17/64		0.2656	69.0	109.0	10	11.64
DR11668		6.80	0.2677	69.0	109.0	10	29.79
DR11669		6.90	0.2717	69.0	109.0	10	29.79

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR11670		7.00	0.2756	69.0	109.0	10	20.86
DR11671		7.10	0.2795	69.0	109.0	10	32.81
DR11018	9/32		0.2812	69.0	109.0	10	13.03
DR11672		7.20	0.2835	69.0	109.0	10	34.55
DR11673		7.30	0.2874	69.0	109.0	10	34.55
DR11674		7.40	0.2913	69.0	109.0	10	34.55
DR11675		7.50	0.2953	69.0	109.0	10	22.90
DR11019	19/64		0.2969	75.0	117.0	10	14.86
DR11676		7.60	0.2992	75.0	117.0	10	38.33
DR11677		7.70	0.3031	75.0	117.0	10	38.33
DR11678		7.80	0.3071	75.0	117.0	10	38.33
DR11679		7.90	0.3110	75.0	117.0	10	38.33
DR11020	5/16		0.3125	75.0	117.0	10	15.82
DR11680		8.00	0.3150	75.0	117.0	10	25.00
DR11681		8.10	0.3189	75.0	117.0	10	41.04
DR11682		8.20	0.3228	75.0	117.0	10	41.04
DR11683		8.30	0.3268	75.0	117.0	10	41.04
DR11021	21/64		0.3281	75.0	117.0	10	17.49
DR11684		8.40	0.3307	75.0	117.0	10	41.04
DR11685		8.50	0.3346	75.0	117.0	10	26.00
DR11686		8.60	0.3386	81.0	125.0	5	48.91
DR11687		8.70	0.3425	81.0	125.0	5	48.91
DR11022	11/32		0.3438	81.0	125.0	5	19.17
DR11688		8.80	0.3465	81.0	125.0	5	48.91
DR11689		8.90	0.3504	81.0	125.0	5	48.91
DR11690		9.00	0.3543	81.0	125.0	5	29.10
DR11691		9.10	0.3583	81.0	125.0	5	53.35
DR11023	23/64		0.3594	81.0	125.0	5	22.62
DR11692		9.20	0.3622	81.0	125.0	5	53.35
DR11693		9.30	0.3661	81.0	125.0	5	53.35
DR11694		9.40	0.3701	81.0	125.0	5	53.35
DR11695		9.50	0.3740	81.0	125.0	5	32.50
DR11024	3/8		0.3750	87.0	133.0	5	22.02
DR11696		9.60	0.3780	87.0	133.0	5	58.14
DR11697		9.70	0.3819	87.0	133.0	5	58.14
DR11698		9.80	0.3858	87.0	133.0	5	58.14
DR11699		9.90	0.3898	87.0	133.0	5	58.14
DR11025	25/64		0.3906	87.0	133.0	5	25.03
DR11700		10.00	0.3937	87.0	133.0	5	33.86
DR11701		10.10	0.3976	87.0	133.0	5	65.38
DR11702		10.20	0.4016	87.0	133.0	5	65.38
DR11703		10.30	0.4055	87.0	133.0	5	65.38
DR11026	13/32		0.4062	87.0	133.0	5	26.15
DR11704		10.40	0.4094	87.0	133.0	5	65.38
DR11705		10.50	0.4134	87.0	133.0	5	38.33
DR11706		10.60	0.4173	87.0	133.0	5	70.43
DR11707		10.70	0.4213	94.0	142.0	5	70.43
DR11027	27/64		0.4219	94.0	142.0	5	28.92
DR11708		10.80	0.4252	94.0	142.0	5	70.43
DR11709		10.90	0.4291	94.0	142.0	5	70.43

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

**JOBBER DRILLS - PARABOLIC FLUTE - 135° SPLIT POINT - COBALT - OM200**  
**FORETS PARABOLIQUES - POINTE EN CROIX 135° - COBALT - OM200**

**DR11**



**OM200**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR11710		11.00	0.4331	94.0	142.0	5	41.73
DR11711		11.10	0.4370	94.0	142.0	5	76.27
DR11028	7/16		0.4375	94.0	142.0	5	29.58
DR11712		11.20	0.4409	94.0	142.0	5	76.27
DR11713		11.30	0.4449	94.0	142.0	5	76.27
DR11714		11.40	0.4488	94.0	142.0	5	76.27
DR11715		11.50	0.4528	94.0	142.0	5	55.40
DR11029	29/64		0.4531	94.0	142.0	5	35.49
DR11716		11.60	0.4567	94.0	142.0	5	82.77

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR11717		11.70	0.4606	94.0	142.0	5	82.77
DR11718		11.80	0.4646	94.0	142.0	5	82.77
DR11719		11.90	0.4685	101.0	151.0	5	82.77
DR11030	15/32		0.4688	101.0	151.0	5	35.85
DR11720		12.00	0.4724	101.0	151.0	5	54.03
DR11031	31/64		0.4844	101.0	151.0	5	39.23
DR11725		12.50	0.4921	101.0	151.0	5	67.42
DR11032	1/2		0.5000	101.0	151.0	5	37.26
DR11730		13.00	0.5118	101.0	151.0	5	66.38

**JOBBER DRILLS - PARABOLIC FLUTE - 135° SPLIT POINT - COBALT - TIN COATED - OM200T**  
**FORETS PARABOLIQUES - POINTE EN CROIX 135° - COBALT - TIN - OM200T**

**DR11T**



**OM200T**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR11830		3.00	0.1181	33.0	61.0	10	10.02
DR11831		3.10	0.1220	36.0	65.0	10	10.09
DR11508	1/8		0.1250	36.0	65.0	10	15.77
DR11832		3.20	0.1260	36.0	65.0	10	10.15
DR11833		3.30	0.1299	36.0	65.0	10	10.21
DR11834		3.40	0.1339	39.0	70.0	10	10.40
DR11835		3.50	0.1378	39.0	70.0	10	10.65
DR11509	9/64		0.1406	39.0	70.0	10	16.31
DR11836		3.60	0.1417	39.0	70.0	10	10.84
DR11837		3.70	0.1457	39.0	70.0	10	11.06
DR11838		3.80	0.1496	43.0	75.0	10	11.39
DR11839		3.90	0.1535	43.0	75.0	10	11.64
DR11510	5/32		0.1562	43.0	75.0	10	16.97
DR11840		4.00	0.1575	43.0	75.0	10	11.88
DR11841		4.10	0.1614	43.0	75.0	10	12.27
DR11842		4.20	0.1654	43.0	75.0	10	12.58
DR11843		4.30	0.1693	47.0	80.0	10	12.87
DR11511	11/64		0.1719	47.0	80.0	10	17.29
DR11844		4.40	0.1732	47.0	80.0	10	13.25
DR11845		4.50	0.1772	47.0	80.0	10	13.66
DR11846		4.60	0.1811	47.0	80.0	10	13.98
DR11847		4.70	0.1850	47.0	80.0	10	14.36
DR11512	3/16		0.1875	52.0	86.0	10	18.07
DR11848		4.80	0.1890	52.0	86.0	10	14.74
DR11849		4.90	0.1929	52.0	86.0	10	15.10
DR11850		5.00	0.1968	52.0	86.0	10	15.53
DR11851		5.10	0.2008	52.0	86.0	10	15.91
DR11513	13/64		0.2031	52.0	86.0	10	19.44
DR11852		5.20	0.2047	52.0	86.0	10	17.45
DR11853		5.30	0.2087	52.0	86.0	10	17.45
DR11854		5.40	0.2126	57.0	93.0	10	21.55

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR11855		5.50	0.2165	57.0	93.0	10	17.45
DR11514	7/32		0.2188	57.0	93.0	10	20.17
DR11856		5.60	0.2205	57.0	93.0	10	26.81
DR11857		5.70	0.2244	57.0	93.0	10	27.55
DR11858		5.80	0.2283	57.0	93.0	10	27.85
DR11859		5.90	0.2323	57.0	93.0	10	28.60
DR11515	15/64		0.2344	57.0	93.0	10	20.78
DR11860		6.00	0.2362	57.0	93.0	10	19.49
DR11861		6.10	0.2402	63.0	101.0	10	31.46
DR11862		6.20	0.2441	63.0	101.0	10	31.46
DR11863		6.30	0.2480	63.0	101.0	10	31.46
DR11516	1/4		0.2500	63.0	101.0	10	20.78
DR11864		6.40	0.2520	63.0	101.0	10	31.46
DR11865		6.50	0.2559	63.0	101.0	10	21.55
DR11866		6.60	0.2598	63.0	101.0	10	34.55
DR11867		6.70	0.2638	63.0	101.0	10	34.55
DR11517	17/64		0.2656	69.0	109.0	10	29.96
DR11868		6.80	0.2677	69.0	109.0	10	34.55
DR11869		6.90	0.2717	69.0	109.0	10	34.55
DR11870		7.00	0.2756	69.0	109.0	10	23.58
DR11871		7.10	0.2795	69.0	109.0	10	36.28
DR11518	9/32		0.2812	69.0	109.0	10	30.56
DR11872		7.20	0.2835	69.0	109.0	10	36.28
DR11873		7.30	0.2874	69.0	109.0	10	36.28
DR11874		7.40	0.2913	69.0	109.0	10	36.28
DR11875		7.50	0.2953	69.0	109.0	10	25.44
DR11519	19/64		0.2969	75.0	117.0	10	33.20
DR11876		7.60	0.2992	75.0	117.0	10	43.09
DR11877		7.70	0.3031	75.0	117.0	10	43.09
DR11878		7.80	0.3071	75.0	117.0	10	43.09
DR11879		7.90	0.3110	75.0	117.0	10	43.09



**JOBBER DRILLS - PARABOLIC FLUTE - 135° SPLIT POINT - COBALT - TIN COATED - OM200T**  
**FORETS PARABOLIQUES - POINTE EN CROIX 135° - COBALT - TiN - OM200T**

**DR11T**



**OM200T**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR11520	5/16		0.3125	75.0	117.0	10	34.19
DR11880		8.00	0.3150	75.0	117.0	10	27.85
DR11881		8.10	0.3189	75.0	117.0	10	47.55
DR11882		8.20	0.3228	75.0	117.0	10	47.55
DR11883		8.30	0.3268	75.0	117.0	10	47.55
DR11521	21/64		0.3261	75.0	117.0	10	35.81
DR11884		8.40	0.3307	75.0	117.0	10	47.55
DR11885		8.50	0.3346	75.0	117.0	10	30.08
DR11886		8.60	0.3386	81.0	125.0	5	52.12
DR11887		8.70	0.3425	81.0	125.0	5	52.12
DR11522	11/32		0.3438	81.0	125.0	5	37.52
DR11888		8.80	0.3465	81.0	125.0	5	52.12
DR11889		8.90	0.3504	81.0	125.0	5	52.12
DR11890		9.00	0.3543	81.0	125.0	5	32.50
DR11891		9.10	0.3583	81.0	125.0	5	56.46
DR11523	23/64		0.3594	81.0	125.0	5	45.15
DR11892		9.20	0.3622	81.0	125.0	5	56.46
DR11893		9.30	0.3661	81.0	125.0	5	56.46
DR11894		9.40	0.3701	81.0	125.0	5	56.46
DR11895		9.50	0.3740	81.0	125.0	5	35.23
DR11524	3/8		0.3750	87.0	133.0	5	44.55
DR11896		9.60	0.3780	87.0	133.0	5	61.04
DR11897		9.70	0.3819	87.0	133.0	5	61.04
DR11898		9.80	0.3858	87.0	133.0	5	61.04
DR11899		9.90	0.3898	87.0	133.0	5	61.04
DR11525	25/64		0.3906	87.0	133.0	5	47.61
DR11900		10.00	0.3937	87.0	133.0	5	38.14
DR11901		10.10	0.3976	87.0	133.0	5	67.42

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR11902		10.20	0.4016	87.0	133.0	5	67.42
DR11903		10.30	0.4055	87.0	133.0	5	67.42
DR11526	13/32		0.4062	87.0	133.0	5	48.71
DR11904		10.40	0.4094	87.0	133.0	5	67.42
DR11905		10.50	0.4134	87.0	133.0	5	41.53
DR11906		10.60	0.4173	87.0	133.0	5	73.71
DR11907		10.70	0.4213	94.0	142.0	5	73.71
DR11527	27/64		0.4219	94.0	142.0	5	51.47
DR11908		10.80	0.4252	94.0	142.0	5	73.71
DR11909		10.90	0.4291	94.0	142.0	5	73.71
DR11910		11.00	0.4331	94.0	142.0	5	45.14
DR11911		11.10	0.4370	94.0	142.0	5	81.41
DR11528	7/16		0.4375	94.0	142.0	5	52.12
DR11912		11.20	0.4409	94.0	142.0	5	81.41
DR11913		11.30	0.4449	94.0	142.0	5	81.41
DR11914		11.40	0.4488	94.0	142.0	5	81.41
DR11915		11.50	0.4528	94.0	142.0	5	58.51
DR11529	29/64		0.4531	94.0	142.0	5	58.03
DR11916		11.60	0.4567	94.0	142.0	5	85.30
DR11917		11.70	0.4606	94.0	142.0	5	85.30
DR11918		11.80	0.4646	94.0	142.0	5	85.30
DR11919		11.90	0.4685	101.0	151.0	5	85.30
DR11530	15/32		0.4688	101.0	151.0	5	58.71
DR11920		12.00	0.4724	101.0	151.0	5	60.04
DR11531	31/64		0.4844	101.0	151.0	5	63.23
DR11925		12.50	0.4921	101.0	151.0	5	70.43
DR11532	1/2		0.5000	101.0	151.0	5	61.27
DR11930		13.00	0.5118	101.0	151.0	5	69.47

**COR-L APPLICATION DRILL - JOBBER LENGTH - COATED**  
**FORETS A QUEUE CYLINDRIQUE - COR-L**

**DR16-17-18**



**CoR-L**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR17300		3.00	0.1181	33.0	61.0	1	18.42
DR17310		3.10	0.1220	36.0	65.0	1	18.57
DR16008	1/8		0.1250	36.0	65.0	1	18.65
DR17320		3.20	0.1260	36.0	65.0	1	18.70
DR17330		3.30	0.1299	36.0	65.0	1	18.86
DR17340		3.40	0.1339	39.0	70.0	1	19.24
DR17350		3.50	0.1378	39.0	70.0	1	19.58
DR16009	9/64		0.1406	39.0	70.0	1	29.69
DR17360		3.60	0.1417	39.0	70.0	1	19.90
DR17370		3.70	0.1457	39.0	70.0	1	20.41
DR17380		3.80	0.1496	43.0	75.0	1	20.94
DR17390		3.90	0.1535	43.0	75.0	1	21.48

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR16010	5/32		0.1562	43.0	75.0	1	21.79
DR17400		4.00	0.1575	43.0	75.0	1	22.05
DR17410		4.10	0.1614	43.0	75.0	1	22.52
DR17420		4.20	0.1654	43.0	75.0	1	23.18
DR17430		4.30	0.1693	47.0	80.0	1	23.87
DR16011	11/64		0.1719	47.0	80.0	1	36.47
DR17440		4.40	0.1732	47.0	80.0	1	24.41
DR17450		4.50	0.1772	47.0	80.0	1	25.14
DR17460		4.60	0.1811	47.0	80.0	1	25.79
DR17470		4.70	0.1850	47.0	80.0	1	26.51
DR16012	3/16		0.1875	52.0	86.0	1	26.88
DR17480		4.80	0.1890	52.0	86.0	1	27.16

**COR-L APPLICATION DRILL - JOBBER LENGTH - COATED**  
**FORETS A QUEUE CYLINDRIQUE - COR-L**

**DR16-17-18**



**CoR-L**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR17490		4.90	0.1929	52.0	86.0	1	27.86
DR17500		5.00	0.1968	52.0	86.0	1	28.52
DR17510		5.10	0.2008	52.0	86.0	1	29.31
DR16013	13/64		0.2031	52.0	86.0	1	44.64
DR17520		5.20	0.2047	52.0	86.0	1	29.97
DR17530		5.30	0.2087	52.0	86.0	1	30.69
DR17540		5.40	0.2126	57.0	93.0	1	31.43
DR17550		5.50	0.2165	57.0	93.0	1	32.22
DR16014	7/32		0.2188	57.0	93.0	1	32.50
DR17560		5.60	0.2205	57.0	93.0	1	49.93
DR17570		5.70	0.2244	57.0	93.0	1	50.65
DR17580		5.80	0.2283	57.0	93.0	1	51.96
DR17590		5.90	0.2323	57.0	93.0	1	52.73
DR16015	15/64		0.2344	57.0	93.0	1	53.29
DR17600		6.00	0.2362	57.0	93.0	1	36.47
DR17610		6.10	0.2402	63.0	101.0	1	54.69
DR17620		6.20	0.2441	63.0	101.0	1	56.02
DR17630		6.30	0.2480	63.0	101.0	1	56.68
DR16016	1/4		0.2500	63.0	101.0	1	38.44
DR17640		6.40	0.2520	63.0	101.0	1	58.05
DR17650		6.50	0.2559	63.0	101.0	1	39.75
DR17660		6.60	0.2598	63.0	101.0	1	60.04
DR17670		6.70	0.2638	63.0	101.0	1	61.48
DR16017	17/64		0.2656	69.0	109.0	1	61.48
DR17680		6.80	0.2677	69.0	109.0	1	62.09
DR17690		6.90	0.2717	69.0	109.0	1	64.12
DR17700		7.00	0.2756	69.0	109.0	1	43.17
DR17710		7.10	0.2795	69.0	109.0	1	66.15
DR16018	9/32		0.2812	69.0	109.0	1	66.80
DR17720		7.20	0.2835	69.0	109.0	1	67.46
DR17730		7.30	0.2874	69.0	109.0	1	68.19
DR17740		7.40	0.2913	69.0	109.0	1	69.55
DR17750		7.50	0.2953	69.0	109.0	1	46.52
DR16019	19/64		0.2969	75.0	117.0	1	70.90
DR17760		7.60	0.2992	75.0	117.0	1	71.59
DR17770		7.70	0.3031	75.0	117.0	1	72.92
DR17780		7.80	0.3071	75.0	117.0	1	74.25
DR17790		7.90	0.3110	75.0	117.0	1	75.01
DR16020	5/16		0.3125	75.0	117.0	1	50.65
DR17800		8.00	0.3150	75.0	117.0	1	51.30
DR17810		8.10	0.3189	75.0	117.0	1	78.34
DR17820		8.20	0.3228	75.0	117.0	1	79.67
DR17830		8.30	0.3268	75.0	117.0	1	97.48
DR16021	21/64		0.3281	75.0	117.0	1	81.00
DR17840		8.40	0.3307	75.0	117.0	1	81.72
DR17850		8.50	0.3346	75.0	117.0	1	55.38
DR17860		8.60	0.3386	81.0	125.0	1	84.42
DR17870		8.70	0.3425	81.0	125.0	1	85.73
DR16022	11/32		0.3438	81.0	125.0	1	86.44
DR17880		8.80	0.3465	81.0	125.0	1	87.06

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR17890		8.90	0.3504	81.0	125.0	1	88.53
DR17900		9.00	0.3543	81.0	125.0	1	60.04
DR17910		9.10	0.3583	81.0	125.0	1	91.18
DR16023	23/64		0.3594	81.0	125.0	1	91.18
DR17920		9.20	0.3622	81.0	125.0	1	93.21
DR17930		9.30	0.3661	81.0	125.0	1	94.52
DR17940		9.40	0.3701	81.0	125.0	1	95.85
DR17950		9.50	0.3740	81.0	125.0	1	65.50
DR16024	3/8		0.3750	87.0	133.0	1	65.50
DR17960		9.60	0.3780	87.0	133.0	1	99.25
DR17970		9.70	0.3819	87.0	133.0	1	100.56
DR17980		9.80	0.3858	87.0	133.0	1	101.93
DR17990		9.90	0.3898	87.0	133.0	1	103.91
DR16025	25/64		0.3906	87.0	133.0	1	103.91
DR18000		10.00	0.3937	87.0	133.0	1	70.15
DR18010		10.10	0.3976	87.0	133.0	1	107.99
DR18020		10.20	0.4016	87.0	133.0	1	109.36
DR18030		10.30	0.4055	87.0	133.0	1	111.34
DR16026	13/32		0.4062	87.0	133.0	1	111.34
DR18040		10.40	0.4094	87.0	133.0	1	113.38
DR18050		10.50	0.4134	87.0	133.0	1	76.27
DR18060		10.60	0.4173	87.0	133.0	1	116.79
DR18070		10.70	0.4213	94.0	142.0	1	118.83
DR16027	27/64		0.4219	94.0	142.0	1	118.83
DR18080		10.80	0.4252	94.0	142.0	1	120.87
DR18090		10.90	0.4291	94.0	142.0	1	122.86
DR18100		11.00	0.4331	94.0	142.0	1	83.08
DR18110		11.10	0.4370	94.0	142.0	1	126.97
DR16028	7/16		0.4375	94.0	142.0	1	85.12
DR18120		11.20	0.4409	94.0	142.0	1	129.56
DR18130		11.30	0.4449	94.0	142.0	1	131.65
DR18140		11.40	0.4488	94.0	142.0	1	133.68
DR18150		11.50	0.4528	94.0	142.0	1	90.45
DR16029	29/64		0.4531	94.0	142.0	1	137.06
DR18160		11.60	0.4567	94.0	142.0	1	139.07
DR18170		11.70	0.4606	94.0	142.0	1	141.04
DR18180		11.80	0.4646	94.0	142.0	1	143.83
DR18190		11.90	0.4685	101.0	151.0	1	145.87
DR16030	15/32		0.4688	101.0	151.0	1	145.87
DR18200		12.00	0.4724	101.0	151.0	1	99.25
DR18210		12.10	0.4764	101.0	151.0	1	151.94
DR18220		12.20	0.4803	101.0	151.0	1	154.57
DR18230		12.30	0.4843	101.0	151.0	1	157.96
DR16031	31/64		0.4844	101.0	151.0	1	157.96
DR18240		12.40	0.4882	101.0	151.0	1	160.69
DR18250		12.50	0.4921	101.0	151.0	1	109.36
DR18260		12.60	0.4961	101.0	151.0	1	166.73
DR18270		12.70	0.5000	101.0	151.0	1	113.38
DR16032	1/2		0.5000	101.0	151.0	1	113.38
DR18280		12.80	0.5039	101.0	151.0	1	172.87



**COR-L APPLICATION DRILL - JOBBER LENGTH - COATED**  
**FORETS A QUEUE CYLINDRIQUE - COR-L**

**DR16-17-18**



**CoR-L**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR18290		12.90	0.5079	101	151	1	175.56
DR18300		13.00	0.5118	101	151	1	118.83
DR18325		13.25	0.5217	65	115	1	153.30
DR16034	17/32		0.5312	70	120	1	161.16
DR18350		13.50	0.5315	70	120	1	129.06
DR18375		13.75	0.5413	70	120	1	169.10
DR18400		14.00	0.5512	70	120	1	141.50
DR18425		14.25	0.5610	70	120	1	187.55
DR16038	9/16		0.5625	75	130	1	151.32
DR18450		14.50	0.5709	75	130	1	157.95
DR18475		14.75	0.5807	75	130	1	208.01
DR18500		15.00	0.5906	75	130	1	175.11
DR16038	19/32		0.5938	80	140	1	183.04
DR18525		15.25	0.6004	80	140	1	231.67
DR18550		15.50	0.6102	80	140	1	196.07
DR18575		15.75	0.6201	80	140	1	258.67
DR16040	5/8		0.6250	80	140	1	211.87
DR18600		16.00	0.6299	80	140	1	217.85
DR18625		16.25	0.6398	85	145	1	288.84

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR18650		16.50	0.6496	85	145	1	245.48
DR16042	21/32		0.6562	85	145	1	318.49
DR18675		16.75	0.6594	85	145	1	323.80
DR18700		17.00	0.6693	85	145	1	273.08
DR18725		17.25	0.6791	90	150	1	361.96
DR16044	11/16		0.6875	90	150	1	306.75
DR18750		17.50	0.6890	90	150	1	309.31
DR18775		17.75	0.6988	90	150	1	411.26
DR18800		18.00	0.7087	90	150	1	345.49
DR18825		18.25	0.7185	95	160	1	463.95
DR16046	23/32		0.7188	95	160	1	463.95
DR18850		18.50	0.7283	95	160	1	394.87
DR18875		18.75	0.7382	95	160	1	523.18
DR18900		19.00	0.7480	95	160	1	440.91
DR16048	3/4		0.7500	100	165	1	444.23
DR18925		19.25	0.7579	100	165	1	592.26
DR18950		19.50	0.7677	100	165	1	503.46
DR18975		19.75	0.7776	100	165	1	664.67
DR18980		20.00	0.7874	100	165	1	565.94

**JOBBER DRILL BLANKS - HSS**  
**EBAUCHES DE FORETS - ACIER RAPIDE**

**DR75**



**BLANKS**

CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR75280		80		0.0135	-	3/4	10	3.31
DR75279		79		0.0145	-	3/4	10	3.31
DR75001	1/64			0.0156	-	3/4	10	8.74
DR75278		78		0.0160	-	7/8	10	3.31
DR75277		77		0.0180	-	7/8	10	3.31
DR75276		76		0.0200	-	7/8	10	3.31
DR75275		75		0.0210	-	1"	10	3.31
DR75274		74		0.0225	-	1"	10	3.31
DR75273		73		0.0240	-	1-1/8	10	3.31
DR75272		72		0.0250	-	1-1/8	10	3.31
DR75271		71		0.0260	-	1-1/4	10	3.31
DR75270		70		0.0280	-	1-1/4	10	3.31
DR75269		69		0.0292	-	1-3/8	10	3.31
DR75268		68		0.0310	-	1-3/8	10	3.31
DR75002	1/32			0.0312	-	1-3/8	10	4.21
DR75267		67		0.0320	-	1-3/8	10	3.31
DR75266		66		0.0330	-	1-3/8	10	3.31
DR75265		65		0.0350	-	1-1/2	10	3.31
DR75264		64		0.0360	-	1-1/2	10	3.31
DR75263		63		0.0370	-	1-1/2	10	3.31
DR75262		62		0.0380	-	1-1/2	10	3.31

CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR75261		61		0.0390	-	1-5/8	10	3.31
DR75510			1.00	0.0394	-	34.0	10	3.60
DR75260		60		0.0400	-	1-5/8	10	3.41
DR75259		59		0.0410	-	1-5/8	10	3.41
DR75258		58		0.0420	-	1-5/8	10	3.41
DR75257		57		0.0430	-	1-3/4	10	3.41
DR75511			1.10	0.0433	-	36.0	10	5.08
DR75256		56		0.0465	-	1-3/4	10	3.41
DR75003	3/64			0.0469	-	1-3/4	10	4.78
DR75512			1.20	0.0472	-	38.0	10	4.78
DR75513			1.30	0.0512	-	38.0	10	4.52
DR75255		55		0.0520	-	1-7/8	10	3.41
DR75254		54		0.0550	-	1-7/8	10	3.41
DR75514			1.40	0.0551	-	40.0	10	4.34
DR75515			1.50	0.0591	-	40.0	10	2.79
DR75253		53		0.0595	-	1-7/8	10	3.41
DR75004	1/16			0.0625	-	1-7/8	10	2.67
DR75516			1.60	0.0630	-	43.0	10	4.02
DR75252		52		0.0635	-	1-7/8	10	3.41
DR75517			1.70	0.0669	-	43.0	10	3.91
DR75251		51		0.0670	-	2"	10	3.41

**JOBBER DRILL BLANKS - HSS**  
**EBAUCHES DE FORETS - ACIER RAPIDE**

**DR75**



**BLANKS**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR75250		50		0.0700	-	2"	10	3.52
DR75518			1.80	0.0709	-	46.0	10	3.77
DR75249		49		0.0730	-	2"	10	3.52
DR75519			1.90	0.0748	-	46.0	10	3.71
DR75248		48		0.0760	-	2"	10	3.52
DR75005	5/64			0.0781	-	2"	10	3.77
DR75247		47		0.0785	-	2"	10	3.52
DR75520			2.00	0.0787	-	49.0	10	2.40
DR75246		46		0.0810	-	2-1/8	10	3.52
DR75245		45		0.0820	-	2-1/8	10	3.52
DR75521			2.10	0.0827	-	49.0	10	3.66
DR75244		44		0.0860	-	2-1/8	10	3.52
DR75522			2.20	0.0866	-	53.0	10	3.60
DR75243		43		0.0890	-	2-1/4	10	3.52
DR75523			2.30	0.0906	-	53.0	10	3.60
DR75242		42		0.0935	-	2-1/4	10	3.52
DR75006	3/32			0.0938	-	2-1/4	10	2.40
DR75524			2.40	0.0945	-	57.0	10	3.60
DR75241		41		0.0960	-	2-3/8	10	3.52
DR75240		40		0.0980	-	2-3/8	10	3.61
DR75525			2.50	0.0984	-	57.0	10	2.40
DR75239		39		0.0995	-	2-3/8	10	3.61
DR75238		38		0.1015	-	2-1/2	10	3.61
DR75526			2.60	0.1024	-	2-1/2	10	3.66
DR75237		37		0.1040	-	2-1/2	10	3.61
DR75527			2.70	0.1043	-	57.0	10	3.66
DR75236		36		0.1065	-	2-1/2	10	3.61
DR75007	7/64			0.1094	-	2-5/8	10	3.66
DR75235		35		0.1100	-	2-5/8	10	3.61
DR75528			2.80	0.1102	-	61.0	10	3.66
DR75234		34		0.1110	-	2-5/8	10	3.61
DR75233		33		0.1130	-	2-5/8	10	3.61
DR75529			2.90	0.1142	-	61.0	10	3.71
DR75232		32		0.1160	-	2-3/4	10	3.61
DR75530			3.00	0.1181	-	61.0	10	2.54
DR75231		31		0.1200	-	2-3/4	10	3.61
DR75531			3.10	0.1220	-	65.0	10	3.83
DR75008	1/8			0.1250	-	2-3/4	10	2.60
DR75532			3.20	0.1260	-	65.0	10	3.91
DR75230		30		0.1285	-	2-3/4	10	3.61
DR75533			3.30	0.1299	-	65.0	10	3.96
DR75534			3.40	0.1339	-	70.0	10	4.02
DR75229		29		0.1360	-	2-7/8	10	3.61
DR75535			3.50	0.1378	-	70.0	10	2.72
DR75228		28		0.1405	-	2-7/8	10	3.61
DR75009	9/64			0.1406	-	2-7/8	10	4.21
DR75536			3.60	0.1417	-	70.0	10	4.21
DR75227		27		0.1440	-	3"	10	3.61
DR75537			3.70	0.1457	-	70.0	10	4.28
DR75226		26		0.1470	-	3"	10	3.61

CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR75225		25		0.1495	-	3"	10	4.06
DR75538			3.80	0.1496	-	75.0	10	4.39
DR75224		24		0.1520	-	3-1/8	10	4.06
DR75539			3.90	0.1535	-	75.0	10	4.52
DR75223		23		0.1540	-	3-1/8	10	4.06
DR75010	5/32			0.1562	-	3-1/8	10	2.99
DR75222		22		0.1570	-	3-1/8	10	4.06
DR75540			4.00	0.1575	-	75.0	10	3.03
DR75221		21		0.1590	-	3-1/4	10	4.06
DR75220		20		0.1610	-	3-1/4	10	4.06
DR75541			4.10	0.1614	-	75.0	10	4.69
DR75542			4.20	0.1654	-	75.0	10	4.83
DR75219		19		0.1660	-	3-1/4	10	4.06
DR75543			4.30	0.1693	-	80.0	10	4.95
DR75218		18		0.1695	-	3-1/4	10	4.06
DR75011	11/64			0.1719	-	3-1/4	10	4.95
DR75217		17		0.1730	-	3-3/8	10	4.06
DR75544			4.40	0.1732	-	80.0	10	5.01
DR75216		16		0.1770	-	3-3/8	10	4.06
DR75545			4.50	0.1772	-	80.0	10	3.47
DR75215		15		0.1800	-	3-3/8	10	4.57
DR75546			4.60	0.1811	-	80.0	10	5.32
DR75214		14		0.1820	-	3-3/8	10	4.57
DR75547			4.70	0.1850	-	80.0	10	5.46
DR75213		13		0.1850	-	3-1/2	10	4.57
DR75012	3/16			0.1875	-	86.0	10	3.71
DR75548			4.80	0.1890	-	86.0	10	5.64
DR75212		12		0.1890	-	3-1/2	10	4.57
DR75211		11		0.1910	-	3-1/2	10	4.57
DR75549			4.90	0.1929	-	86.0	10	5.75
DR75210		10		0.1935	-	3-5/8	10	5.76
DR75209		9		0.1960	-	3-5/8	10	5.76
DR75550			5.00	0.1968	-	86.0	10	3.91
DR75208		8		0.1990	-	3-5/8	10	5.76
DR75551			5.10	0.2008	-	86.0	10	6.08
DR75207		7		0.2010	-	3-5/8	10	5.76
DR75013	13/64			0.2031	-	3-5/8	10	6.18
DR75206		6		0.2040	-	3-3/4	10	5.76
DR75552			5.20	0.2047	-	86.0	10	6.26
DR75205		5		0.2055	-	3-3/4	10	6.00
DR75553			5.30	0.2087	-	86.0	10	6.38
DR75204		4		0.2090	-	3-3/4	10	6.00
DR75554			5.40	0.2126	-	93.0	10	6.63
DR75203		3		0.2130	-	3-3/4	10	6.00
DR75555			5.50	0.2165	-	93.0	10	6.75
DR75014	7/32			0.2188	-	3-3/4	10	4.59
DR75556			5.60	0.2205	-	93.0	10	6.93
DR75202		2		0.2210	-	3-7/8	10	6.00
DR75557			5.70	0.2244	-	93.0	10	7.12
DR75201		1		0.2260	-	3-7/8	10	6.00



**JOBBER DRILL BLANKS - HSS  
EBAUCHES DE FORETS - ACIER RAPIDE**

**DR75**



**BLANKS**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR75558		5.80	0.2283	-	93.0	10	7.31
DR75559		5.90	0.2323	-	93.0	10	7.49
DR75101	A		0.2340	-	3-7/8	10	7.35
DR75015	15/64		0.2344	-	3-7/8	10	7.62
DR75560		6.00	0.2362	-	93.0	10	5.12
DR75102	B		0.2380	-	4"	10	7.35
DR75561		6.10	0.2402	-	101.0	10	7.99
DR75103	C		0.2420	-	4"	10	7.35
DR75562		6.2	0.2441	-	101.0	10	8.17
DR75104	D		0.2460	-	4"	10	7.35
DR75563		6.30	0.2480	-	101.0	10	8.36
DR75016	1/4	E	0.2500	-	4"	10	5.64
DR75564		6.40	0.2520	-	101.0	10	8.60
DR75565		6.50	0.2559	-	101.0	10	8.79
DR75106	F		0.2570	-	4-1/8	10	8.19
DR75566		6.60	0.2598	-	101.0	10	9.04
DR75107	G		0.2610	-	4-1/8	10	8.19
DR75567		6.70	0.2638	-	101.0	10	9.28
DR75017	17/64		0.2656	-	109.0	10	9.42
DR75108	H		0.2660	-	4-1/8	10	8.19
DR75568		6.80	0.2677	-	109.0	10	9.52
DR75569		6.90	0.2717	-	109.0	10	9.78
DR75109	I		0.2720	-	4-1/8	10	8.83
DR75570		7.00	0.2756	-	109.0	10	8.69
DR75110	J		0.2770	-	4-1/8	10	8.83
DR75571		7.10	0.2795	-	109.0	10	10.28
DR75111	K		0.2810	-	4-1/4	10	9.12
DR75018	9/32		0.2812	-	4-1/4	10	10.40
DR75572		7.20	0.2835	-	109.0	10	10.65
DR75573		7.30	0.2874	-	109.0	10	10.84
DR75112	L		0.2900	-	4-1/4	10	9.12
DR75574		7.40	0.2913	-	109.0	10	11.14
DR75113	M		0.2950	-	4-3/8	10	10.17
DR75575		7.50	0.2953	-	109.0	10	11.45
DR75019	19/64		0.2969	-	117.0	10	11.51
DR75576		7.60	0.2992	-	117.0	10	11.70
DR75114	N		0.3020	-	4-3/8	10	10.17
DR75577		7.70	0.3031	-	117.0	10	12.08
DR75578		7.80	0.3071	-	117.0	10	12.32
DR75579		7.90	0.3110	-	117.0	10	12.69
DR75020	5/16		0.3125	-	117.0	10	8.47
DR75580		8.00	0.3150	-	117.0	10	8.66
DR75115	O		0.3160	-	4-1/2	10	10.07
DR75581		8.10	0.3189	-	117.0	10	13.31
DR75582		8.20	0.3228	-	117.0	10	13.63
DR75116	P		0.3230	-	4-5/8	10	10.83
DR75583		8.30	0.3268	-	117.0	10	13.93
DR75021	21/64		0.3281	-	4-5/8	10	14.07
DR75584		8.40	0.3307	-	117.0	10	14.31
DR75117	Q		0.3320	-	4-3/4	10	10.83

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR75585		8.50	0.3346	-	117.0	10	14.61
DR75586		8.60	0.3386	-	125.0	5	14.98
DR75118	R		0.3390	-	4-3/4	5	12.27
DR75587		8.70	0.3425	-	125.0	5	15.36
DR75022	11/32		0.3438	-	4-3/4	5	15.48
DR75588		8.80	0.3465	-	125.0	5	15.72
DR75119	S		0.3480	-	4-7/8	5	13.98
DR75589		8.90	0.3504	-	125.0	5	16.10
DR75590		9.00	0.3543	-	125.0	5	10.97
DR75120	T		0.3580	-	4-7/8	5	13.98
DR75591		9.10	0.3583	-	125.0	5	16.91
DR75023	23/64		0.3594	-	125.0	5	17.09
DR75121	U		0.3680	-	5"	5	14.83
DR75595		9.50	0.3740	-	125.0	5	18.46
DR75024			0.3750	-	133.0	5	12.39
DR75122	V		0.3770	-	5"	5	14.83
DR75123	W		0.3860	-	5-1/8	5	16.08
DR75025	25/64		0.3906	-	133.0	5	20.37
DR75600		10.00	0.3937	-	133.0	5	13.82
DR75124	X		0.3970	-	5-1/8	5	16.08
DR75125	Y		0.4040	-	5-1/4	5	17.39
DR75026	13/32		0.4062	-	133.0	5	21.23
DR75126	Z		0.4130	-	5-1/4	5	17.39
DR75605		10.50	0.4134	-	133.0	5	23.10
DR75027	27/64		0.4219	-	5-3/8	5	23.10
DR75610		11.00	0.4331	-	142.0	5	25.70
DR75028	7/16		0.4375	-	142.0	5	17.45
DR75615		11.50	0.4528	-	142.0	5	28.60
DR75029	29/64		0.4531	-	5-5/8	5	27.16
DR75030	15/32		0.4688	-	151.0	5	29.41
DR75620		12.00	0.4724	-	151.0	5	21.06
DR75031	31/64		0.4844	-	151.0	5	32.01
DR75625		12.50	0.4921	-	151.0	5	34.85
DR75032	1/2		0.5000	-	6"	5	24.27
DR75630		13.00	0.5118	-	151.0	5	38.33
DR75033	33/64		0.5156	-	6"	1	35.58
DR75034	17/32		0.5312	-	6"	1	37.30
DR75035	35/64		0.5469	-	6"	1	35.58
DR75036	9/16		0.5625	-	6"	1	38.85
DR75037	37/64		0.5781	-	6"	1	44.56
DR75038	19/32		0.5938	-	6"	1	44.56
DR75039	39/64		0.6094	-	6"	1	43.73
DR75040	5/8		0.6250	-	6"	1	51.52
DR75041	41/64		0.6406	-	6"	1	43.73
DR75042	21/32		0.6562	-	6"	1	51.52
DR75043	43/64		0.6719	-	6"	1	56.46
DR75044	11/16		0.6875	-	6"	1	56.46
DR75048	3/4		0.7500	-	6"	1	58.51
DR75049	49/64		0.7656	-	6"	1	83.85
DR75050	25/32		0.7813	-	6"	1	63.85

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

**JOBBER DRILL BLANKS - HSS**  
**EBAUCHES DE FORETS - ACIER RAPIDE**

**DR75**



**BLANKS**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR75051	5/16		0.7969	-	6"	1	68.03
DR75052	13/16		0.8125	-	6"	1	68.03
DR75053	5/8		0.8281	-	6"	1	75.47
DR75054	27/32		0.8438	-	6"	1	75.47
DR75055	55/64		0.8594	-	6"	1	80.10
DR75056	7/8		0.8750	-	6"	1	80.10
DR75057	57/64		0.8906	-	6"	1	87.15

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR75058	29/32		0.9063	-	6"	1	87.15
DR75059	59/64		0.9219	-	6"	1	92.48
DR75060	15/16		0.9375	-	6"	1	92.48
DR75061	61/64		0.9531	-	6"	1	96.18
DR75062	31/32		0.9688	-	6"	1	96.18
DR75063	63/64		0.9844	-	6"	1	101.35
DR75100	1"		1.0000	-	6"	1	101.35

**JOBBER DRILLS - RIGHT HAND - STRAIGHT SHANK - SETS**  
**FORET A QUEUE CYLINDRIQUE - ENSEMBLES**

**DR06**



**SETS**

CODE	NO	MTL	FROM	TO	BY	PCS	\$ EA
DR06213	B13	HSS	1/16	1/4	1/64	13	47.62
DR06413	LH13	HSS LH	1/16	1/4	1/64	13	145.79
DR06713	#13	HSS BRIGHT	1/16	1/4	1/64	13	38.50
DR06013	T13	HSS T/N	1/16	1/4	1/64	13	114.16
DR06313	C13	COBALT	1/16	1/4	1/64	13	93.20
DR06215	15F	HSS	1/16	1/2	1/32	15	138.47
DR06415	15LH	HSS LH	1/16	1/2	1/32	15	368.35
DR06715	15B	HSS BRIGHT	1/16	1/2	1/32	15	138.47
DR06015	15T	HSS T/N	1/16	1/2	1/32	15	287.13
DR06315	15C	COBALT	1/16	1/2	1/32	15	235.50
DR06221	B21	HSS	1/16	3/8	1/64	21	123.13
DR06421	21LH	HSS LH	1/16	3/8	1/64	21	428.02
DR06721	21B	HSS BRIGHT	1/16	3/8	1/64	21	67.97
DR06522	HANDYMAN	HSS T/N	1/16	3/8	1/64	21	130.32
DR06021	21T	HSS T/N	1/16	3/8	1/64	21	274.03
DR06321	21C	COBALT	1/16	3/8	1/64	21	220.92
DR06228	29F	HSS	1/16	1/2	1/64	29	237.85
DR06429	29LH	HSS LH	1/16	1/2	1/64	29	704.00
DR06729	29B	HSS BRIGHT	1/16	1/2	1/64	29	237.85
DR06029	29T	HSS T/N	1/16	1/2	1/64	29	540.02
DR06329	29C	COBALT	1/16	1/2	1/64	29	473.37
DR06260	B60	HSS	#1	#60		60	197.73
DR06460	60LH	HSS LH	#1	#60		60	596.37
DR06760	60B	HSS BRIGHT	#1	#60		60	208.69
DR06060	60T	HSS T/N	#1	#60		60	633.36
DR06360	60C	COBALT	#1	#60		60	372.90
DR06220	B20	HSS	#61	#80		20	88.67
DR06020	T20	HSS T/N	#61	#80		20	210.42
DR06320	C20	COBALT	#61	#80		20	149.83

CODE	NO	MTL	FROM	TO	BY	PCS	\$ EA
DR06226	B26	HSS	A	Z		26	268.49
DR06426	26LH	HSS LH	A	Z		26	732.33
DR06726	26B	HSS BRIGHT	A	Z		26	268.49
DR06026	26T	HSS T/N	A	Z		26	694.77
DR06326	26C	COBALT	A	Z		26	732.33
DR06115	#115	HSS	1/16-1/2, A-Z	#1-#60		115	795.90
DR06055	115T	HSS T/N	1/16-1/2, A-Z	#1-#60		115	1833.15
DR06355	115C	COBALT	1/16-1/2, A-Z	#1-#60		115	1587.58
DR06201	M1	HSS	1.5	6.5	0.5	13	61.54
DR06204	M4	HSS	1.0	5.9	0.1	50	112.31
DR06205	M5	HSS	6.0	10.0	0.1	41	303.45
DR06219	M19	HSS	1.0	10.0	0.5	19	120.03
DR06019	T19	HSS T/N	1.0	10.0	0.5	19	213.01
DR06319	C19	COBALT	1.0	10.0	0.5	19	306.75
DR06224	M25	HSS	1.0	13.0	0.5	25	175.04
DR06025	M25T	HSS T/N	1.0	13.0	0.5	25	401.78
DR06325	M25C	COBALT	1.0	13.0	0.5	25	675.03
DR06528	29D	HSS	1/16	1/2	1/64	235	1652.65
			10 x (1/16 to 21/64)				
			5 x (11/32 to 1/2)				
DR06529	D29F	HSS	1/8	1/2	1/64	345	1940.77
			40 x (1/8), 30 x (1/16, 3/32, 5/32, 3/16)				
			10 x (5/64, 7/64, 9/64, 11/64, 13/64 to 21/64)				
			5 x (11/32 to 1/2)				
DR06529	D29M	HSS	0.5	12.5	-	365	1855.63
			40 x (5.0MM), 30 x (2.0, 3.0, 4.0, 6.0MM)				
			10 x (0.50, 0.60, 0.70, 0.80, 0.90, 1.0, 1.5, 2.5, 3.5MM)				
			10 x (4.5, 5.5, 6.5, 7.0, 7.5, 8.0, 8.5, 10.0MM)				
			5 x (9.0, 9.5, 10.5, 11.0, 11.5, 12.0, 12.5MM)				



**MECHANIC LENGTH DRILLS  
FORETS LONGEUR MECHANIQUE**

**DF17**



**3-FLATS**

CODE	FRAC	DEC	FLT	OA	PKG	\$ EA
DF17004	1/16	0.0625	7/8	1-7/8	10	2.23
DF17005	5/64	0.0781	1"	2"	10	2.23
DF17006	3/32	0.0938	1-1/4	2-1/4	10	2.23
DF17007	7/64	0.1094	1-5/16	2-3/8	10	2.46
DF17008	1/8	0.1250	1-7/16	2-1/2	10	2.86
DF17009	9/64	0.1406	1-9/16	2-5/8	10	2.86
DF17010	5/32	0.1562	1-11/16	2-3/4	10	3.02
DF17011	11/64	0.1719	1-13/16	2-7/8	10	3.26
DF17012	3/16	0.1875	1-7/8	3"	10	3.65
DF17013	13/64	0.2031	1-15/16	3-1/8	10	4.22
DF17014	7/32	0.2188	2"	3-1/4	10	4.71
DF17015	15/64	0.2344	2-1/16	3-3/8	10	4.95
DF17016	1/4	0.2500	2"	3-1/2	10	5.52
DF17017	17/64	0.2656	2-1/8	3-5/8	10	6.45
DF17018	9/32	0.2812	2-1/4	3-3/4	10	6.58

CODE	FRAC	DEC	FLT	OA	PKG	\$ EA
DF17019	19/64	0.2969	1"	2"	10	7.56
DF17020	5/16	0.3125	2-1/2	4"	10	8.31
DF17021	21/64	0.3281	2-9/16	4-1/16	10	9.20
DF17022	11/32	0.3438	2-5/8	4-1/8	5	10.35
DF17023	23/64	0.3594	2-11/16	4-3/16	5	11.50
DF17024	3/8	0.3750	2-11/16	4-1/4	5	11.73
DF17025	25/64	0.3906	2-3/4	4-5/16	5	13.37
DF17026	13/32	0.4062	2-13/16	3"	5	13.91
DF17027	27/64	0.4219	2-7/8	4-7/16	5	15.30
DF17028	7/16	0.4375	2"	4-1/2	5	15.95
DF17029	29/64	0.4531	3"	4-5/8	5	18.61
DF17030	15/32	0.4688	2"	4-3/4	5	19.15
DF17031	31/64	0.4844	3-1/4	4-7/8	5	20.12
DF17032	1/2	0.5000	3-3/8	5"	5	20.28

**PRENTICE DRILLS - 1/4" SHANK  
FORETS QUEUE REDUIT A 1/4"**

**DR07**



**1/4" SHANK**

CODE	FRAC	DEC	FLT	OA	PKG	\$ EA
DR07017	17/64	0.2656	2-3/4	4"	1	14.03
DR07018	9/32	0.2812	2-15/16	4-1/4	1	15.97
DR07019	19/64	0.2969	3-1/16	4-3/8	1	16.53
DR07020	5/16	0.3125	3-3/16	4-1/2	1	16.92
DR07021	21/64	0.3281	3-5/16	4-5/8	1	17.88
DR07022	11/32	0.3438	3-7/16	4-3/4	1	18.94
DR07023	23/64	0.3594	3-1/2	4-7/8	1	20.19
DR07024	3/8	0.3750	3-5/8	5"	1	20.32

CODE	FRAC	DEC	FLT	OA	PKG	\$ EA
DR07025	25/64	0.3906	3-3/4	5-1/8	1	24.16
DR07026	13/32	0.4062	3-7/8	5-1/4	1	26.66
DR07027	27/64	0.4219	3-15/16	5-3/8	1	26.86
DR07028	7/16	0.4375	4-1/16	5-1/2	1	27.30
DR07029	29/64	0.4531	4-3/16	5-5/8	1	36.89
DR07030	15/32	0.4688	4-5/16	5-3/4	1	37.27
DR07031	31/64	0.4844	4-3/8	5-7/8	1	38.31
DR07032	1/2	0.5000	4-1/2	6"	1	38.13

**PRENTICE DRILLS - 3/8" SHANK  
FORETS QUEUE REDUIT A 3/8"**

**DR074**



**3/8" SHANK**

CODE	FRAC	DEC	FLT	OA	PKG	\$ EA
DR07425	25/64	0.3906	3-3/4	5-1/8	1	20.30
DR07426	13/32	0.4062	3-7/8	5-1/4	1	20.30
DR07427	27/64	0.4219	3-15/16	5-3/8	1	21.34
DR07428	7/16	0.4375	4-1/16	5-1/2	1	21.34
DR07429	29/64	0.4531	4-3/16	5-5/8	1	25.74
DR07430	15/32	0.4688	4-5/16	5-3/4	1	25.74
DR07431	31/64	0.4844	4-3/8	5-7/8	1	25.74
DR07432	1/2	0.5000	4-1/2	6"	1	25.79
DR07433	33/64	0.5156	4-13/16	6-5/8	1	31.45
DR07434	17/32	0.5313	4-13/16	6-5/8	1	31.45
DR07435	35/64	0.5469	4-13/16	6-5/8	1	33.50

CODE	FRAC	DEC	FLT	OA	PKG	\$ EA
DR07436	9/16	0.5625	4-13/16	6-5/8	1	33.50
DR07437	37/64	0.5781	4-13/16	6-5/8	1	35.93
DR07438	19/32	0.5938	5-3/16	7-1/8	1	35.93
DR07439	39/64	0.6094	5-3/16	7-1/8	1	37.67
DR07440	5/8	0.6250	5-3/16	7-1/8	1	37.67
DR07441	41/64	0.6406	5-3/16	7-1/8	1	40.20
DR07442	21/32	0.6563	5-3/16	7-1/8	1	40.20
DR07443	43/64	0.6719	5-5/8	7-5/8	1	41.75
DR07444	11/16	0.6875	5-5/8	7-5/8	1	41.75
DR07446	23/32	0.7188	5-5/8	7-5/8	1	41.75
DR07448	3/4	0.7500	5-5/8	7-5/8	1	41.75

PRENTICE (SILVER & DEMING) DRILLS - 1/2" SHANK  
FORETS QUEUE REDUIT A 1/2"

DR50



1/2" SHANK

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR50530		13.00	0.5118	75	150	1	47.64
DR50033	33/64		0.5156	3"	6"	1	40.80
DR50034	17/32		0.5312	3"	6"	1	40.80
DR50535		13.50	0.5315	75	150	1	75.32
DR50035	35/64		0.5469	75	150	1	42.99
DR50540		14.00	0.5512	3"	6"	1	53.00
DR50036	9/16		0.5625	3"	6"	1	42.99
DR50545		14.50	0.5709	75	150	1	83.64
DR50037	37/64		0.5781	3"	6"	1	46.59
DR50550		15.00	0.5906	75	150	1	58.31
DR50038	19/32		0.5938	3"	6"	1	46.59
DR50039	39/64		0.6094	3"	6"	1	48.54
DR50555		15.50	0.6102	75	150	1	92.24
DR50040	5/8		0.6250	3"	6"	1	48.54
DR50560		16.00	0.6299	75	150	1	64.64
DR50041	41/64		0.6408	3"	6"	1	51.71
DR50565		16.50	0.6496	75	150	1	101.97
DR50042	21/32		0.6562	3"	6"	1	51.71
DR50570		17.00	0.6693	75	150	1	70.98
DR50043	43/64		0.6719	3"	6"	1	53.52
DR50044	11/16		0.6875	3"	6"	1	54.06
DR50575		17.50	0.6890	75	150	1	111.91
DR50045	45/64		0.7031	3"	6"	1	57.49
DR50580		18.00	0.7087	75	150	1	77.91
DR50046	23/32		0.7188	3"	6"	1	57.49
DR50585		18.50	0.7283	75	150	1	122.96
DR50047	47/64		0.7344	3"	6"	1	59.69
DR50590		19.00	0.7480	75	150	1	85.63
DR50048	3/4		0.7500	3"	6"	1	59.69
DR50049	49/64		0.7658	3"	6"	1	62.44
DR50595		19.50	0.7677	75	150	1	134.58
DR50050	25/32		0.7812	3"	6"	1	62.44
DR50600		20.00	0.7874	75	150	1	93.66
DR50051	51/64		0.7969	3"	6"	1	64.82
DR50052	13/16		0.8125	3"	6"	1	64.82
DR50610		21.00	0.8268	75	150	1	102.57
DR50053	53/64		0.8281	3"	6"	1	69.04
DR50054	27/32		0.8438	3"	6"	1	69.04
DR50055	55/64		0.8594	3"	6"	1	70.83
DR50620		22.00	0.8661	75	150	1	111.62
DR50056	7/8		0.8750	3"	6"	1	70.83
DR50057	57/64		0.8906	3"	6"	1	74.09
DR50630		23.00	0.9055	75	150	1	121.28
DR50058	29/32		0.9062	3"	6"	1	74.09
DR50059	59/64		0.9219	3"	6"	1	79.00
DR50060	15/16		0.9375	3"	6"	1	79.00
DR50640		24.00	0.9449	75	150	1	131.58
DR50061	61/64		0.9531	3"	6"	1	84.70
DR50062	31/32		0.9688	3"	6"	1	84.70
DR50650		25.00	0.9842	75	150	1	142.56

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR50063	63/64		0.9844	3"	6"	1	93.68
DR50100	1"		1.0000	3"	6"	1	93.68
DR50101	1-1/64		1.0156	3"	6"	1	113.16
DR50102	1-1/32		1.0312	3"	6"	1	113.16
DR50103	1-3/64		1.0469	3"	6"	1	117.59
DR50104	1-1/16		1.0625	3"	6"	1	117.59
DR50105	1-5/64		1.0781	3"	6"	1	119.45
DR50106	1-3/32		1.0938	3"	6"	1	123.30
DR50107	1-7/64		1.1094	3"	6"	1	128.68
DR50108	1-1/8		1.1250	3"	6"	1	131.44
DR50109	1-9/64		1.1406	3"	6"	1	131.44
DR50110	1-5/32		1.1562	3"	6"	1	131.44
DR50111	1-11/64		1.1719	3"	6"	1	141.17
DR50112	1-3/16		1.1875	3"	6"	1	146.18
DR50113	1-13/64		1.2031	3"	6"	1	152.02
DR50114	1-7/32		1.2188	3"	6"	1	155.31
DR50115	1-15/64		1.2344	3"	6"	1	160.26
DR50116	1-1/4		1.2500	3"	6"	1	160.26
DR50117	1-3/8		1.2656	3"	6"	1	179.64
DR50118	1-1/2		1.2812	3"	6"	1	179.64
DR50119	1-19/64		1.2969	3"	6"	1	179.64
DR50120	1-5/16		1.3125	3"	6"	1	190.44
DR50121	1-21/64		1.3281	3"	6"	1	206.63
DR50122	1-19/32		1.3438	3"	6"	1	206.63
DR50123	1-23/64		1.3594	3"	6"	1	206.63
DR50124	1-3/8		1.3750	3"	6"	1	219.87
DR50125	1-25/64		1.3906	3"	6"	1	227.28
DR50126	1-13/32		1.4062	3"	6"	1	227.28
DR50127	1-27/64		1.4219	3"	6"	1	227.28
DR50128	1-7/16		1.4375	3"	6"	1	240.93
DR50129	1-29/64		1.4531	3"	6"	1	249.96
DR50130	1-15/32		1.4688	3"	6"	1	249.96
DR50131	1-31/64		1.4844	3"	6"	1	249.96
DR50132	1-1/2		1.5000	3"	6"	1	264.50



**PRENTICE (SILVER & DEMING) DRILLS - 1/2" SHANK - COBALT  
FORETS QUEUE REDUIT A 1/2" - COBALT**

**DR51**



**COBALT**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR51033	33/64		0.5156	3"	6"	1	51.68
DR51034	17/32		0.5312	3"	6"	1	53.57
DR51035	35/64		0.5469	3"	6"	1	55.47
DR51036	9/16		0.5625	3"	6"	1	51.31
DR51037	37/64		0.5781	3"	6"	1	65.36
DR51038	19/32		0.5938	3"	6"	1	60.46
DR51039	39/64		0.6094	3"	6"	1	62.66
DR51040	5/8		0.6250	3"	6"	1	57.96
DR51041	41/64		0.6406	3"	6"	1	73.41
DR51042	21/32		0.6562	3"	6"	1	70.38
DR51043	43/64		0.6719	3"	6"	1	73.41
DR51044	11/16		0.6875	3"	6"	1	67.88
DR51045	45/64		0.7031	3"	6"	1	80.54
DR51046	23/32		0.7188	3"	6"	1	74.49
DR51047	47/64		0.7344	3"	6"	1	84.58
DR51048	3/4		0.7500	3"	6"	1	78.26
DR51049	49/64		0.7656	3"	6"	1	86.91
DR51050	25/32		0.7812	3"	6"	1	79.46
DR51051	51/64		0.7969	3"	6"	1	87.29
DR51052	13/16		0.8125	3"	6"	1	80.73
DR51053	53/64		0.8281	3"	6"	1	88.38
DR51054	27/32		0.8438	3"	6"	1	81.75
DR51055	55/64		0.8594	3"	6"	1	104.70

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR51056	7/8		0.8750	3"	6"	1	96.84
DR51057	57/64		0.8906	3"	6"	1	109.45
DR51058	29/32		0.9063	3"	6"	1	101.24
DR51059	59/64		0.9219	3"	6"	1	116.32
DR51060	15/16		0.9375	3"	6"	1	107.60
DR51061	61/64		0.9531	3"	6"	1	123.53
DR51062	31/32		0.9688	3"	6"	1	114.26
DR51063	63/64		0.9844	3"	6"	1	132.47
DR51100	1"		1.0000	3"	6"	1	114.26
DR51102	1-1/32		1.0313	3"	6"	1	202.84
DR51104	1-1/16		1.0625	3"	6"	1	218.92
DR51106	1-3/32		1.0938	3"	6"	1	234.03
DR51108	1-1/8		1.1250	3"	6"	1	249.06
DR51109	1-5/64		1.1250	3"	6"	1	275.81
DR51110	1-5/32		1.1563	3"	6"	1	261.26
DR51112	1-3/16		1.1875	3"	6"	1	273.18
DR51114	1-7/32		1.2188	3"	6"	1	287.87
DR51116	1-1/4		1.2500	3"	6"	1	302.56
DR51120	1-5/16		1.3125	3"	6"	1	427.23
DR51124	1-3/8		1.3750	3"	6"	1	433.47
DR51128	1-7/16		1.4375	3"	6"	1	468.40
DR51132	1-1/2		1.5000	3"	6"	1	477.75

**MECHANIC LENGTH AND PRENTICE DRILL SETS  
JEUX DE FORETS**

**SETS**



**SETS**

CODE	NO	MTL	FROM	TO	BY	PCS	\$ EA
DF17813	13FD	HSS	1/16	1/4	1/64	13	52.27
DF17815	15FD	HSS	1/16	1/2	1/32	15	75.27
DF17821	21FD	HSS	1/16	3/8	1/64	21	132.41
DF17829	29FD	HSS	1/16	1/2	1/64	29	270.83

CODE	NO	MTL	INCLUDES	PCS	\$ EA
DR50705	#5P	HSS	9/16 5/8 3/4 7/8 1"	5	329.76
DR51705	#5CP	M42	9/16 5/8 3/4 7/8 1"	5	468.98
DR50901	#8P	HSS	9/16 5/8 11/16 3/4 13/16 7/8 15/16 1"	8	513.47
DR51900	#8CP	M42	9/16 5/8 11/16 3/4 13/16 7/8 15/16 1"	8	652.86

**STUB DRILLS - RIGHT HAND - STRAIGHT SHANK - 135° SPLIT POINT - FRACTIONAL FORETS - SERIE EXTRA COURTE - POINTE EN CROIX 135° - FRACTIONNEL**

**DR12**



**STUB**

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR12260		60	0.0400	1/2	1-3/8	10	2.98
DR12259		59	0.0410	1/2	1-3/8	10	2.98
DR12258		58	0.0420	1/2	1-3/8	10	2.98
DR12257		57	0.0430	1/2	1-3/8	10	2.98
DR12256		56	0.0465	1/2	1-3/8	10	2.98
DR12003	3/64		0.0469	1/2	1-3/8	10	2.79
DR12255		55	0.0520	5/8	1-5/8	10	2.98
DR12254		54	0.0550	5/8	1-5/8	10	2.98
DR12253		53	0.0595	5/8	1-5/8	10	2.98
DR12004	1/16		0.0625	13/32	1-11/32	10	2.54
DR12252		52	0.0635	11/16	1-11/16	10	2.98
DR12251		51	0.0670	11/16	1-11/16	10	2.98
DR12250		50	0.0700	11/16	1-11/16	10	2.98
DR12249		49	0.0730	11/16	1-11/16	10	2.98
DR12248		48	0.0760	11/16	1-11/16	10	2.98
DR12005	5/64		0.0781	15/32	1-1/2	10	2.79
DR12247		47	0.0785	3/4	1-3/4	10	2.98
DR12246		46	0.0810	3/4	1-3/4	10	2.98
DR12245		45	0.0820	3/4	1-3/4	10	2.98
DR12244		44	0.0860	3/4	1-3/4	10	2.98
DR12243		43	0.0890	3/4	1-3/4	10	2.98
DR12242		42	0.0935	3/4	1-3/4	10	2.98
DR12006	3/32		0.0938	9/16	1-11/16	10	2.79
DR12241		41	0.0960	13/16	1-13/16	10	2.98
DR12240		40	0.0980	13/16	1-13/16	10	2.69
DR12239		39	0.0995	13/16	1-13/16	10	2.69
DR12238		38	0.1015	13/16	1-13/16	10	2.69
DR12237		37	0.1040	13/16	1-13/16	10	2.69
DR12236		36	0.1065	13/16	1-13/16	10	2.79
DR12007	7/64		0.1094	5/8	1-13/16	10	2.79
DR12235		35	0.1100	7/8	1-7/8	10	2.79
DR12234		34	0.1110	7/8	1-7/8	10	2.79
DR12233		33	0.1130	7/8	1-7/8	10	2.79
DR12232		32	0.1160	7/8	1-7/8	10	2.79
DR12231		31	0.1200	7/8	1-7/8	10	2.79
DR12008	1/8		0.1250	11/16	1-15/16	10	2.79
DR12230		30	0.1285	15/16	1-15/16	10	2.69
DR12229		29	0.1360	15/16	1-15/16	10	2.69
DR12228		28	0.1405	15/16	1-15/16	10	2.66
DR12009	9/64		0.1406	25/32	1-1/16	10	2.66
DR12227		27	0.1440	1"	2-1/16	10	3.19
DR12226		26	0.1470	1"	2-1/16	10	3.19
DR12225		25	0.1495	1"	2-1/16	10	3.19
DR12224		24	0.1520	1"	2-1/16	10	3.26
DR12223		23	0.1540	1"	2-1/16	10	3.26
DR12010	5/32		0.1562	7/8	2-5/32	10	3.33
DR12222		22	0.1570	1-1/16	2-1/8	10	3.26
DR12221		21	0.1590	1-1/16	2-1/8	10	3.26
DR12220		20	0.1610	1-1/16	2-1/8	10	3.43
DR12219		19	0.1660	1-1/16	2-1/8	10	3.43
DR12218		18	0.1695	1-1/16	2-1/8	10	3.43

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR12011	11/64		0.1719	15/16	2-9/32	10	3.52
DR12217		17	0.1730	1-1/8	2-3/16	10	4.00
DR12216		16	0.1770	1-1/8	2-3/16	10	4.00
DR12215		15	0.1800	1-1/8	2-3/16	10	4.00
DR12214		14	0.1820	1-1/8	2-3/16	10	4.00
DR12213		13	0.1850	1-1/8	2-3/16	10	4.00
DR12012	3/16		0.1875	1-1/32	2-7/16	10	3.75
DR12212		12	0.1890	1-3/16	2-1/4	10	3.84
DR12211		11	0.1910	1-3/16	2-1/4	10	3.84
DR12210		10	0.1935	1-3/16	2-1/4	10	4.00
DR12209		9	0.1960	1-3/16	2-1/4	10	4.00
DR12208		8	0.1990	1-3/16	2-1/4	10	4.00
DR12207		7	0.2010	1-3/16	2-1/4	10	4.00
DR12013	13/64		0.2031	1-1/32	2-7/16	10	4.08
DR12206		6	0.2040	1-1/4	2-3/8	10	4.87
DR12205		5	0.2055	1-1/4	2-3/8	10	4.87
DR12204		4	0.2090	1-1/4	2-3/8	10	4.87
DR12203		3	0.2130	1-1/4	2-3/8	10	4.87
DR12014	7/32		0.2188	1-1/8	2-19/32	10	4.87
DR12202		2	0.2210	1-5/16	2-7/16	10	5.13
DR12201		1	0.2280	1-5/16	2-7/16	10	5.13
DR12301		A	0.2340	1-5/16	2-7/16	10	5.09
DR12015	15/64		0.2344	1-1/8	2-19/32	10	4.87
DR12302		B	0.2380	1-3/8	2-1/2	10	5.09
DR12303		C	0.2420	1-3/8	2-1/2	10	5.09
DR12304		D	0.2460	1-3/8	2-1/2	10	5.09
DR12016	1/4		0.2500	1-7/32	2-3/4	10	5.13
DR12306		F	0.2500	1-3/8	2-1/2	10	5.57
DR12307		G	0.2570	1-7/16	2-5/8	10	5.88
DR12017	17/64		0.2610	1-7/16	2-5/8	10	5.86
DR12308		H	0.2656	1-5/16	2-29/32	10	5.88
DR12309		I	0.2660	1-1/2	2-11/16	10	5.88
DR12310		J	0.2720	1-1/2	2-11/16	10	6.39
DR12311		K	0.2770	1-1/2	2-11/16	10	6.83
DR12018	9/32		0.2810	1-1/2	2-11/16	10	6.35
DR12312		L	0.2812	1-5/16	2-29/32	10	6.83
DR12313		M	0.2900	1-9/16	2-3/4	10	7.46
DR12019	19/64		0.2950	1-9/16	2-3/4	10	6.92
DR12314		N	0.2969	1-7/16	3-1/8	10	7.46
DR12020	5/16		0.3020	1-5/8	2-13/16	10	7.33
DR12315		O	0.3125	1-7/16	3-1/8	10	7.65
DR12316		P	0.3160	1-11/16	2-15/16	10	8.42
DR12021	21/64		0.3230	1-11/16	2-15/16	10	8.06
DR12317		Q	0.3281	1-7/16	3-1/8	5	8.42
DR12318		R	0.3320	1-11/16	3"	5	8.42
DR12022	11/32		0.3390	1-11/16	3"	5	9.27
DR12319		S	0.3438	1-9/16	3-5/16	5	9.81
DR12320		T	0.3480	1-3/4	3-1/16	5	11.33
DR12023	23/64		0.3580	1-3/4	3-1/16	5	10.66
DR12321		U	0.3594	1-9/16	3-5/16	5	11.33



**STUB DRILLS - RIGHT HAND - STRAIGHT SHANK - 135° SPLIT POINT - FRACTIONAL  
FORETS - SERIE EXTRA COURTE - POINTE EN CROIX 135° - FRACTIONNEL**

**DR12**



**STUB**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR12024	3/8		0.3750	1-11/16	3-1/2	5	11.08
DR12322		V	0.3770	1-7/8	3-1/4	0	11.94
DR12323		W	0.3860	1-7/8	3-1/4	0	12.53
DR12025	25/64		0.3906	1-11/16	3-1/2	5	12.47
DR12324		X	0.3970	1-15/16	3-5/16	0	14.60
DR12325		Y	0.4040	1-15/16	3-5/16	0	17.31
DR12026	13/32		0.4062	1-11/16	3-1/2	5	13.13
DR12326		Z	0.4130	2"	3-3/8	0	17.31
DR12027	27/64		0.4219	1-27/32	3-3/4	5	14.25
DR12028	7/16		0.4375	1-27/32	3-3/4	5	14.51
DR12029	29/64		0.4531	1-27/32	3-3/4	5	17.25
DR12030	15/32		0.4688	2"	4"	5	18.50
DR12031	31/64		0.4844	2"	4"	5	18.82

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR12032	1/2		0.5000	2"	4"	5	18.82
DR12036	9/16		0.5625	2-7/32	4-3/8	1	40.72
DR12040	5/8		0.6250	2-9/32	4-17/32	1	47.09
DR12044	11/16		0.6875	2-7/16	4-27/32	1	56.81
DR12048	3/4		0.7500	2-19/32	5-5/32	1	64.84
DR12052	13/16		0.8125	2-11/16	5-11/32	1	74.52
DR12056	7/8		0.8750	2-3/4	5-17/32	1	79.60
DR12060	15/16		0.9375	2-15/16	5-15/16	1	93.66
DR12100	1"		1.0000	3-1/16	6-5/32	1	103.11
DR12104	1-1/16		1.0625	3-3/16	6-3/8	1	128.92
DR12108	1-1/8		1.1250	3-5/16	6-5/8	1	149.17
DR12112	1-3/16		1.1875	3-13/32	6-27/32	1	173.43
DR12116	1-1/4		1.2500	3-17/32	7-3/32	1	151.11

**STUB DRILLS - RIGHT HAND - 135° SPLIT POINT - METRIC  
FORETS - SERIE EXTRA COURTE - POINTE EN CROIX 135° - METRIQUE**

**DR82-83**



**STUB**

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR82100	1.00	0.0394	6.0	26.0	10	4.02
DR82105	1.05	0.0413	6.0	26.0	10	6.47
DR82110	1.10	0.0433	7.0	28.0	10	5.61
DR82120	1.20	0.0472	8.0	30.0	10	5.31
DR82130	1.30	0.0512	8.0	30.0	10	5.06
DR82140	1.40	0.0551	9.0	32.0	10	4.87
DR82150	1.50	0.0591	9.0	32.0	10	3.15
DR82160	1.60	0.0630	10.0	34.0	10	4.48
DR82170	1.70	0.0669	10.0	34.0	10	4.38
DR82180	1.80	0.0709	11.0	36.0	10	4.33
DR82185	1.85	0.0728	11.0	36.0	10	4.83
DR82190	1.90	0.0748	11.0	36.0	10	4.20
DR82195	1.95	0.0768	12.0	38.0	10	4.63
DR82200	2.00	0.0787	12.0	38.0	10	2.79
DR82205	2.05	0.0807	12.0	38.0	10	4.43
DR82210	2.10	0.0827	12.0	38.0	10	4.13
DR82220	2.20	0.0866	13.0	40.0	10	4.08
DR82230	2.30	0.0906	13.0	40.0	10	4.08
DR82240	2.40	0.0945	14.0	43.0	10	4.08
DR82250	2.50	0.0984	14.0	43.0	10	2.72
DR82260	2.60	0.1024	14.0	43.0	10	4.13
DR82270	2.70	0.1063	16.0	46.0	10	4.20
DR82280	2.80	0.1102	16.0	46.0	10	4.20
DR82290	2.90	0.1142	16.0	46.0	10	4.20
DR82300	3.00	0.1181	16.0	46.0	10	2.86
DR82310	3.10	0.1220	18.0	49.0	10	4.33
DR82320	3.20	0.1260	18.0	49.0	10	4.38

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR82325	3.25	0.1280	18.0	49.0	10	4.43
DR82330	3.30	0.1299	18.0	49.0	10	2.98
DR82340	3.40	0.1339	20.0	52.0	10	4.57
DR82350	3.50	0.1378	20.0	52.0	10	3.15
DR82360	3.60	0.1417	20.0	52.0	10	4.73
DR82370	3.70	0.1457	20.0	52.0	10	4.82
DR82375	3.75	0.1476	22.0	55.0	10	5.31
DR82380	3.80	0.1496	22.0	55.0	10	4.92
DR82390	3.90	0.1535	22.0	55.0	10	5.06
DR82400	4.00	0.1575	22.0	55.0	10	3.47
DR82410	4.10	0.1614	22.0	55.0	10	3.51
DR82420	4.20	0.1654	22.0	55.0	10	3.63
DR82430	4.30	0.1693	24.0	58.0	10	5.66
DR82440	4.40	0.1732	24.0	58.0	10	5.68
DR82450	4.50	0.1772	24.0	58.0	10	3.96
DR82460	4.60	0.1811	24.0	58.0	10	6.04
DR82470	4.70	0.1850	24.0	58.0	10	6.16
DR82480	4.80	0.1890	26.0	62.0	10	6.35
DR82490	4.90	0.1929	26.0	62.0	10	4.44
DR82500	5.00	0.1968	26.0	62.0	10	4.44
DR82510	5.10	0.2008	26.0	62.0	10	6.85
DR82520	5.20	0.2047	26.0	62.0	10	6.89
DR82530	5.30	0.2087	26.0	62.0	10	7.07
DR82540	5.40	0.2126	28.0	66.0	10	7.31
DR82550	5.50	0.2165	28.0	66.0	10	5.08
DR82560	5.60	0.2205	28.0	66.0	10	7.61
DR82570	5.70	0.2244	28.0	66.0	10	7.92

**STUB DRILLS - RIGHT HAND - 135° SPLIT POINT - METRIC**  
**FORETS - SERIE EXTRA COURTE - POINTE EN CROIX 135° - METRIQUE**

**DR82-83**



**STUB**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR82580	5.80	0.2283	28.0	66.0	10	5.37
DR82590	5.90	0.2323	28.0	66.0	10	8.27
DR82600	6.00	0.2362	28.0	66.0	10	5.89
DR82610	6.10	0.2402	31.0	70.0	10	8.76
DR82620	6.20	0.2441	31.0	70.0	10	9.00
DR82630	6.30	0.2480	31.0	70.0	10	9.24
DR82640	6.40	0.2520	31.0	70.0	10	9.47
DR82650	6.50	0.2559	31.0	70.0	10	6.69
DR82660	6.60	0.2598	31.0	70.0	10	10.01
DR82670	6.70	0.2638	31.0	70.0	10	10.26
DR82680	6.80	0.2677	34.0	74.0	10	10.57
DR82690	6.90	0.2717	34.0	74.0	10	10.80
DR82700	7.00	0.2756	34.0	74.0	10	7.62
DR82710	7.10	0.2795	34.0	74.0	10	11.40
DR82720	7.20	0.2835	34.0	74.0	10	11.70
DR82730	7.30	0.2874	34.0	74.0	10	12.02
DR82740	7.40	0.2913	34.0	74.0	10	12.26
DR82750	7.50	0.2953	34.0	74.0	10	8.66
DR82760	7.60	0.2992	37.0	79.0	10	12.97
DR82770	7.70	0.3031	37.0	79.0	10	13.27
DR82780	7.80	0.3071	37.0	79.0	10	13.59
DR82790	7.90	0.3110	37.0	79.0	10	13.93
DR82800	8.00	0.3150	37.0	79.0	10	9.72
DR82810	8.10	0.3189	37.0	79.0	10	14.60
DR82820	8.20	0.3228	37.0	79.0	10	15.02
DR82830	8.30	0.3268	37.0	79.0	10	15.38
DR82840	8.40	0.3307	37.0	79.0	10	15.74
DR82850	8.50	0.3346	37.0	79.0	10	11.08
DR82860	8.60	0.3386	40.0	84.0	5	16.47
DR82870	8.70	0.3425	40.0	84.0	5	17.00
DR82880	8.80	0.3465	40.0	84.0	5	17.33
DR82890	8.90	0.3504	40.0	84.0	5	17.84
DR82900	9.00	0.3543	40.0	84.0	5	12.39
DR82910	9.10	0.3583	40.0	84.0	5	18.65
DR82920	9.20	0.3622	40.0	84.0	5	19.01
DR82930	9.30	0.3661	40.0	84.0	5	19.48
DR82940	9.40	0.3701	40.0	84.0	5	19.85
DR82950	9.50	0.3740	40.0	84.0	5	13.87
DR82960	9.60	0.3780	43.0	89.0	5	20.81
DR82970	9.70	0.3819	43.0	89.0	5	21.17
DR82980	9.80	0.3858	43.0	89.0	5	21.66
DR82990	9.90	0.3898	43.0	89.0	5	22.13
DR83000	10.00	0.3937	43.0	89.0	5	15.53
DR83010	10.10	0.3976	43.0	89.0	5	23.15
DR83020	10.20	0.4016	43.0	89.0	5	23.65
DR83030	10.30	0.4055	43.0	89.0	5	24.12
DR83050	10.50	0.4134	43.0	89.0	5	25.80
DR83060	10.60	0.4173	43.0	89.0	5	25.96
DR83070	10.70	0.4213	47.0	95.0	5	26.11
DR83080	10.80	0.4252	47.0	95.0	5	26.65

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR83090	10.90	0.4291	47.0	95.0	5	27.13
DR83100	11.00	0.4331	47.0	95.0	5	19.12
DR83120	11.20	0.4409	47.0	95.0	5	29.02
DR83140	11.40	0.4488	47.0	95.0	5	30.15
DR83150	11.50	0.4528	47.0	95.0	5	31.63
DR83160	11.60	0.4567	47.0	95.0	5	31.85
DR83170	11.70	0.4606	47.0	95.0	5	31.95
DR83180	11.80	0.4646	47.0	95.0	5	32.50
DR83190	11.90	0.4685	51.0	102.0	5	32.98
DR83200	12.00	0.4724	51.0	102.0	5	23.10
DR83210	12.10	0.4764	51.0	102.0	5	34.31
DR83220	12.20	0.4803	51.0	102.0	5	34.98
DR83230	12.30	0.4843	51.0	102.0	5	38.29
DR83240	12.40	0.4882	51.0	102.0	5	38.29
DR83250	12.50	0.4921	51.0	102.0	5	37.95
DR83260	12.60	0.4961	51.0	102.0	5	39.97
DR83270	12.70	0.5000	51.0	102.0	5	41.96
DR83280	12.80	0.5039	51.0	102.0	5	41.96
DR83290	12.90	0.5079	51.0	102.0	5	43.00
DR83300	13.00	0.5118	51.0	102.0	5	27.36
DR83350	13.50	0.5315	54.0	107.0	1	43.96
DR83400	14.00	0.5512	54.0	107.0	1	47.33
DR83450	14.50	0.5709	56.0	111.0	1	51.32
DR83500	15.00	0.5906	56.0	111.0	1	55.30
DR83550	15.50	0.6102	58.0	115.0	1	59.65
DR83600	16.00	0.6299	58.0	115.0	1	63.98
DR83650	16.50	0.6496	60.0	119.0	1	68.62
DR83700	17.00	0.6693	60.0	119.0	1	72.96
DR83750	17.50	0.6890	62.0	123.0	1	77.91
DR83800	18.00	0.7087	62.0	123.0	1	83.29
DR83850	18.50	0.7283	64.0	127.0	1	88.28
DR83900	19.00	0.7480	64.0	127.0	1	93.66
DR83950	19.50	0.7677	66.0	131.0	1	99.25
DR83960	20.00	0.7874	66.0	131.0	1	104.92
DR83961	21.00	0.8268	68.0	136.0	1	117.29
DR83962	22.00	0.8661	70.0	141.0	1	129.60
DR83963	23.00	0.9055	72.0	146.0	1	143.23
DR83964	24.00	0.9449	75.0	151.0	1	156.90
DR83965	25.00	0.9842	75.0	151.0	1	173.18



STUB DRILLS - RIGHT HAND - STRAIGHT SHANK - BRIGHT - FRACTIONAL  
FORETS - SERIE EXTRA COURTE - FINI POLI - FRACTIONNEL

DR78



STUB

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR78460		60	0.0400	1/2	1-3/8	10	2.98
DR78459		59	0.0410	1/2	1-3/8	10	2.98
DR78458		58	0.0420	1/2	1-3/8	10	2.98
DR78457		57	0.0430	1/2	1-3/8	10	2.98
DR78456		56	0.0465	1/2	1-3/8	10	2.98
DR78003	3/64		0.0469	1/2	1-3/8	10	2.79
DR78455		55	0.0520	5/8	1-5/8	10	2.98
DR78454		54	0.0550	5/8	1-5/8	10	2.98
DR78453		53	0.0595	5/8	1-5/8	10	2.98
DR78004	1/16		0.0625	5/8	1-5/8	10	2.54
DR78452		52	0.0635	11/16	1-11/16	10	2.98
DR78451		51	0.0670	11/16	1-11/16	10	2.98
DR78450		50	0.0700	11/16	1-11/16	10	2.98
DR78449		49	0.0730	11/16	1-11/16	10	2.98
DR78448		48	0.0760	11/16	1-11/16	10	2.98
DR78005	5/64		0.0781	11/16	1-11/16	10	2.79
DR78447		47	0.0785	3/4	1-3/4	10	2.98
DR78446		46	0.0810	3/4	1-3/4	10	2.98
DR78445		45	0.0820	3/4	1-3/4	10	2.98
DR78444		44	0.0860	3/4	1-3/4	10	2.98
DR78443		43	0.0890	3/4	1-3/4	10	2.98
DR78442		42	0.0935	3/4	1-3/4	10	2.98
DR78006	3/32		0.0938	3/4	1-3/4	10	2.79
DR78441		41	0.0960	13/16	1-13/16	10	2.98
DR78440		40	0.0980	13/16	1-13/16	10	2.69
DR78439		39	0.0995	13/16	1-13/16	10	2.69
DR78438		38	0.1015	13/16	1-13/16	10	2.69
DR78437		37	0.1040	13/16	1-13/16	10	2.69
DR78436		36	0.1065	13/16	1-13/16	10	2.79
DR78007	7/64		0.1094	13/16	1-13/16	10	2.79
DR78435		35	0.1100	7/8	1-7/8	10	2.79
DR78434		34	0.1110	7/8	1-7/8	10	2.79
DR78433		33	0.1130	7/8	1-7/8	10	2.79
DR78432		32	0.1160	7/8	1-7/8	10	2.79
DR78431		31	0.1200	7/8	1-7/8	10	2.79
DR78008	1/8		0.1250	7/8	1-7/8	10	2.79
DR78430		30	0.1285	15/16	1-15/16	10	2.69
DR78429		29	0.1360	15/16	1-15/16	10	2.69
DR78428		28	0.1405	15/16	1-15/16	10	2.86
DR78009	9/64		0.1406	15/16	1-15/16	10	2.86
DR78427		27	0.1440	1"	2-1/16	10	3.19
DR78426		26	0.1470	1"	2-1/16	10	3.19
DR78425		25	0.1495	1"	2-1/16	10	3.19
DR78424		24	0.1520	1"	2-1/16	10	3.26
DR78423		23	0.1540	1"	2-1/16	10	3.26
DR78010	5/32		0.1562	1"	2-1/16	10	3.33
DR78422		22	0.1570	1-1/16	2-1/8	10	3.26
DR78421		21	0.1590	1-1/16	2-1/8	10	3.26
DR78420		20	0.1610	1-1/16	2-1/8	10	3.43
DR78419		19	0.1660	1-1/16	2-1/8	10	3.43

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR78418		18	0.1695	1-1/16	2-1/8	10	3.43
DR78011	11/64		0.1719	1-1/16	2-1/8	10	3.52
DR78417		17	0.1730	1-1/8	2-3/16	10	4.00
DR78416		16	0.1770	1-1/8	2-3/16	10	4.00
DR78415		15	0.1800	1-1/8	2-3/16	10	4.00
DR78414		14	0.1820	1-1/8	2-3/16	10	4.00
DR78413		13	0.1850	1-1/8	2-3/16	10	4.00
DR78012	3/16		0.1875	1-1/8	2-3/16	10	3.75
DR78412		12	0.1890	1-3/16	2-1/4	10	3.84
DR78411		11	0.1910	1-3/16	2-1/4	10	3.84
DR78410		10	0.1935	1-3/16	2-1/4	10	4.00
DR78409		9	0.1960	1-3/16	2-1/4	10	4.00
DR78408		8	0.1990	1-3/16	2-1/4	10	4.00
DR78407		7	0.2010	1-3/16	2-1/4	10	4.00
DR78013	13/64		0.2031	1-3/16	2-1/4	10	4.08
DR78406		6	0.2040	1-1/4	2-3/8	10	4.87
DR78405		5	0.2055	1-1/4	2-3/8	10	4.87
DR78404		4	0.2090	1-1/4	2-3/8	10	4.87
DR78403		3	0.2130	1-1/4	2-3/8	10	4.87
DR78014	7/32		0.2188	1-1/4	2-3/8	10	4.87
DR78402		2	0.2210	1-5/16	2-7/16	10	5.13
DR78401		1	0.2280	1-5/16	2-7/16	10	5.13
DR78301		A	0.2340	1-5/16	2-7/16	10	5.09
DR78015	15/64		0.2344	1-5/16	2-7/16	10	4.87
DR78302		B	0.2380	1-3/8	2-1/2	10	5.09
DR78303		C	0.2420	1-3/8	2-1/2	10	5.09
DR78304		D	0.2460	1-3/8	2-1/2	10	5.09
DR78016	1/4		0.2500	1-3/8	2-1/2	10	5.13
DR78306		F	0.2570	1-7/16	2-5/8	10	5.57
DR78307		G	0.2610	1-7/16	2-5/8	10	5.88
DR78017	17/64		0.2656	1-7/16	2-5/8	10	5.86
DR78308		H	0.2660	1-1/2	2-11/16	10	5.88
DR78309		I	0.2720	1-1/2	2-11/16	10	5.88
DR78310		J	0.2770	1-1/2	2-11/16	10	6.39
DR78311		K	0.2810	1-1/2	2-11/16	10	6.83
DR78018	9/32		0.2812	1-1/2	2-11/16	10	6.36
DR78312		L	0.2900	1-9/16	2-3/4	10	6.83
DR78313		M	0.2950	1-9/16	2-3/4	10	7.46
DR78019	19/64		0.2969	1-9/16	2-3/4	10	6.92
DR78314		N	0.3020	1-5/8	2-13/16	10	7.46
DR78020	5/16		0.3125	1-5/8	2-13/16	10	7.33
DR78315		O	0.3160	1-11/16	2-15/16	100	7.65
DR78316		P	0.3230	1-11/16	2-15/16	10	8.42
DR78021	21/64		0.3281	1-11/16	2-15/16	10	8.06
DR78317		Q	0.3320	1-11/16	3"	5	8.42
DR78318		R	0.3390	1-11/16	3"	5	8.42
DR78022	11/32		0.3438	1-11/16	3"	5	9.27
DR78319		S	0.3480	1-3/4	3-1/16	5	9.81
DR78320		T	0.3580	1-3/4	3-1/16	5	11.33
DR78023	23/64		0.3594	1-3/4	3-1/16	5	10.66

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

STUB DRILLS - RIGHT HAND - STRAIGHT SHANK - BRIGHT - FRACTIONAL  
FORETS - SERIE EXTRA COURTE - FINI POLI - FRACTIONNEL

DR78



STUB

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR78321		U	0.3680	1-13/16	3-1/8	5	11.33
DR78024	3/8		0.3750	1-13/16	3-1/8	5	11.08
DR78322		V	0.3770	1-7/8	3-1/4	5	11.94
DR78323		W	0.3860	1-7/8	3-1/4	5	12.53
DR78025	25/64		0.3906	1-7/8	3-1/4	5	12.47
DR78324		X	0.3970	1-15/16	3-5/16	5	14.60
DR78325		Y	0.4040	1-15/16	3-5/16	5	17.31
DR78026	13/32		0.4062	1-15/16	3-5/16	5	13.13
DR78326		Z	0.4130	2"	3-3/8	5	17.31
DR78027	27/64		0.4219	2"	3-3/8	5	14.25
DR78028	7/16		0.4375	2-1/16	3-7/16	5	14.51
DR78029	29/64		0.4531	2-1/8	3-9/16	5	17.25
DR78030	15/32		0.4688	2-1/8	3-5/8	5	18.50
DR78031	31/64		0.4844	2-3/16	3-11/16	5	18.82
DR78032	1/2		0.5000	2-1/4	3-3/4	5	18.82
DR78033	33/64		0.5156	2-3/8	3-7/8	1	29.36
DR78034	17/32		0.5312	2-3/8	3-7/8	1	30.18
DR78035	35/64		0.5469	2-1/2	4"	1	32.03
DR78036	9/16		0.5625	2-1/2	4"	1	40.72
DR78037	37/64		0.5781	2-5/8	4-1/8	1	43.69
DR78038	19/32		0.5938	2-5/8	4-1/8	1	46.74
DR78039	39/64		0.6094	2-3/4	4-1/4	1	46.96
DR78040	5/8		0.6250	2-3/4	4-1/4	1	47.09
DR78041	41/64		0.6406	2-7/8	4-1/2	1	49.49
DR78042	21/32		0.6562	2-7/8	4-1/2	1	55.97
DR78043	43/64		0.6719	2-7/8	4-5/8	1	56.75
DR78044	11/16		0.6875	2-7/8	4-5/8	1	56.81
DR78045	45/64		0.7031	3"	4-3/4	1	58.33
DR78046	23/32		0.7188	3"	4-3/4	1	60.66
DR78047	47/64		0.7344	3-1/8	5"	1	62.88
DR78048	3/4		0.7500	3-1/8	5"	1	64.84
DR78049	49/64		0.7656	3-1/4	5-1/8	1	67.17
DR78050	25/32		0.7813	3-1/4	5-1/8	1	69.75
DR78051	51/64		0.7969	3-3/8	5-1/4	1	70.69
DR78052	13/16		0.8125	3-3/8	5-1/4	1	74.52
DR78053	53/64		0.8281	3-1/2	5-3/8	1	74.86
DR78054	27/32		0.8438	3-1/2	5-3/8	1	76.17
DR78055	55/64		0.8594	3-1/2	5-1/2	1	77.52
DR78056	7/8		0.8750	3-1/2	5-1/2	1	79.60
DR78057	57/64		0.8906	3-5/8	5-5/8	1	80.49
DR78058	29/32		0.9063	3-5/8	5-5/8	1	84.62
DR78059	59/64		0.9219	3-3/4	5-3/4	1	88.73
DR78060	15/16		0.9375	3-3/4	5-3/4	1	93.66
DR78061	61/64		0.9531	3-7/8	5-7/8	1	96.50
DR78062	31/32		0.9688	3-7/8	5-7/8	1	98.05
DR78063	63/64		0.9844	4"	6"	1	100.13
DR78100	11N		1.0000	4"	6"	1	103.11
DR78101	1-1/64		1.0156	4"	6-1/4	1	186.78
DR78102	1-1/32		1.0313	4"	6-1/4	1	170.61
DR78103	1-3/64		1.0469	4"	6-1/4	1	199.24
DR78104	1-1/16		1.0625	4"	6-1/4	1	144.52

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR78105	1-5/64		1.0781	4"	6-3/8	1	208.97
DR78106	1-3/32		1.0938	4"	6-3/8	1	189.09
DR78107	1-7/64		1.1094	4"	6-3/8	1	226.02
DR78108	1-1/8		1.1250	4"	6-3/8	1	163.75
DR78109	1-9/64		1.1406	4"	6-5/8	1	242.88
DR78110	1-5/32		1.1562	4-1/4	6-5/8	1	197.34
DR78111	1-11/64		1.1719	4-1/4	6-5/8	1	257.07
DR78112	1-3/16		1.1875	4-1/4	6-5/8	1	173.43
DR78113	1-13/64		1.2031	4-3/8	6-3/4	1	272.91
DR78114	1-7/32		1.2188	4-3/8	6-3/4	1	212.29
DR78115	1-15/64		1.2344	4-3/8	6-3/4	1	284.96
DR78116	1-1/4		1.2500	4-3/8	6-3/4	1	189.95
DR78117	1-17/64		1.2656	4-3/8	7"	1	305.58
DR78118	1-9/32		1.2812	4-3/8	7"	1	279.99
DR78119	1-19/64		1.2969	4-3/8	7"	1	329.18
DR78120	1-5/16		1.3125	4-3/8	7"	1	253.42
DR78121	1-21/64		1.3281	4-1/2	7-1/8	1	340.36
DR78122	1-11/32		1.3438	4-1/2	7-1/8	1	296.87
DR78123	1-23/64		1.3594	4-1/2	7-1/8	1	348.38
DR78124	1-3/8		1.3750	4-1/2	7-1/8	1	270.15
DR78126	1-13/32		1.4062	4-3/4	7-3/8	1	312.92
DR78127	1-27/64		1.4219	4-3/4	7-3/8	1	362.03
DR78128	1-7/16		1.4375	4-3/4	7-3/8	1	289.66
DR78129	1-29/64		1.4531	4-7/8	7-1/2	1	372.72
DR78130	1-15/32		1.4688	4-7/8	7-1/2	1	329.84
DR78131	1-31/64		1.4844	4-7/8	7-1/2	1	387.95
DR78132	1-1/2		1.5000	4-7/8	7-1/2	1	305.37
DR78134	1-17/32		1.5313	4-7/8	7-3/4	1	378.51
DR78136	1-9/16		1.5625	4-7/8	7-3/4	1	345.02
DR78138	1-19/32		1.5938	4-7/8	7-3/4	1	428.93
DR78140	1-5/8		1.6250	4-7/8	7-3/4	1	387.12
DR78142	1-21/32		1.6563	5-1/8	8"	1	491.98
DR78144	1-11/16		1.6875	5-1/8	8"	1	442.63
DR78146	1-23/32		1.7188	5-1/8	8"	1	507.71
DR78148	1-3/4		1.7500	5-1/8	8"	1	458.55
DR78150	1-25/32		1.7813	5-3/8	8-1/4	1	553.94
DR78152	1-13/16		1.8125	5-3/8	8-1/4	1	503.10
DR78154	1-27/32		1.8438	5-3/8	8-1/4	1	574.28
DR78156	1-7/8		1.8750	5-3/8	8-1/4	1	517.42
DR78158	1-29/32		1.9063	5-5/8	8-1/2	1	609.05
DR78160	1-15/16		1.9375	5-5/8	8-1/2	1	548.86
DR78162	1-31/32		1.9688	5-5/8	8-1/2	1	620.24
DR78200	21N		2.0000	5-5/8	8-1/2	1	576.71
DR78204	2-1/16		2.0625	5-5/8	8-1/2	1	656.37
DR78206	2-1/8		2.1250	5-5/8	8-1/2	1	691.85
DR78212	2-3/16		2.1875	5-5/8	8-1/2	1	729.30
DR78216	2-1/4		2.2500	5-5/8	8-1/2	1	774.89
DR78220	2-5/16		2.3125	5-5/8	8-1/2	1	818.40
DR78224	2-3/8		2.3750	5-5/8	8-1/2	1	841.01
DR78228	2-7/16		2.4375	5-5/8	8-1/2	1	1032.24
DR78232	2-1/2		2.5000	5-5/8	8-1/2	1	1114.58



STUB DRILLS - RIGHT HAND - 135° SPLIT POINT - COBALT - FRACTIONAL  
FORETS - SERIE EXTRA COURTE - POINTE EN CROIX 135° - FRACTIONNEL

DR126



COBALT

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR12860		60	0.0400	1/2	1-3/8	10	5.06
DR12859		59	0.0410	1/2	1-3/8	10	5.06
DR12858		58	0.0420	1/2	1-3/8	10	4.76
DR12857		57	0.0430	1/2	1-3/8	10	4.78
DR12856		56	0.0465	1/2	1-3/8	10	4.78
DR12803	3/64		0.0469	1/2	1-3/8	10	5.32
DR12855		55	0.0520	5/8	1-5/8	10	4.78
DR12854		54	0.0550	5/8	1-5/8	10	4.78
DR12853		53	0.0595	5/8	1-5/8	10	4.78
DR12804	1/16		0.0625	5/8	1-5/8	10	4.64
DR12852		52	0.0635	11/16	1-11/16	10	4.78
DR12851		51	0.0670	11/16	1-11/16	10	4.78
DR12850		50	0.0700	11/16	1-11/16	10	4.78
DR12849		49	0.0730	11/16	1-11/16	10	4.78
DR12848		48	0.0760	11/16	1-11/16	10	4.78
DR12605	5/64		0.0781	11/16	1-11/16	10	4.64
DR12847		47	0.0785	3/4	1-3/4	10	4.78
DR12846		46	0.0810	3/4	1-3/4	10	4.78
DR12845		45	0.0820	3/4	1-3/4	10	4.78
DR12844		44	0.0860	3/4	1-3/4	10	4.78
DR12843		43	0.0890	3/4	1-3/4	10	4.78
DR12842		42	0.0935	3/4	1-3/4	10	4.78
DR12606	3/32		0.0938	3/4	1-3/4	10	4.64
DR12841		41	0.0960	13/16	1-13/16	10	4.78
DR12840		40	0.0980	13/16	1-13/16	10	4.78
DR12839		39	0.0995	13/16	1-13/16	10	4.78
DR12838		38	0.1015	13/16	1-13/16	10	4.78
DR12837		37	0.1040	13/16	1-13/16	10	4.78
DR12836		36	0.1065	13/16	1-13/16	10	4.78
DR12607	7/64		0.1094	13/16	1-13/16	10	4.64
DR12835		35	0.1100	7/8	1-7/8	10	4.78
DR12834		34	0.1110	7/8	1-7/8	10	4.78
DR12833		33	0.1130	7/8	1-7/8	10	4.78
DR12832		32	0.1160	7/8	1-7/8	10	4.78
DR12831		31	0.1200	7/8	1-7/8	10	4.78
DR12608	1/8		0.1250	7/8	1-7/8	10	4.64
DR12830		30	0.1285	15/16	1-15/16	10	4.78
DR12829		29	0.1360	15/16	1-15/16	10	4.78
DR12828		28	0.1405	15/16	1-15/16	10	4.78
DR12609	9/64		0.1406	15/16	1-15/16	10	4.64
DR12827		27	0.1440	1"	2-1/16	10	5.32
DR12826		26	0.1470	1"	2-1/16	10	5.32
DR12825		25	0.1495	1"	2-1/16	10	5.32
DR12824		24	0.1520	1"	2-1/16	10	5.62
DR12823		23	0.1540	1"	2-1/16	10	5.62
DR12610	5/32		0.1562	1"	2-1/16	10	5.32
DR12822		22	0.1570	1-1/16	2-1/8	10	5.62
DR12821		21	0.1590	1-1/16	2-1/8	10	5.62
DR12820		20	0.1610	1-1/16	2-1/8	10	5.62
DR12619		19	0.1660	1-1/16	2-1/8	10	5.62

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR12618		18	0.1695	1-1/16	2-1/8	10	6.23
DR12611	11/64		0.1719	1-1/16	2-1/8	10	5.61
DR12617		17	0.1730	1-1/8	2-3/16	10	6.65
DR12616		16	0.1770	1-1/8	2-3/16	10	7.07
DR12615		15	0.1800	1-1/8	2-3/16	10	7.07
DR12614		14	0.1820	1-1/8	2-3/16	10	7.07
DR12613		13	0.1850	1-1/8	2-3/16	10	7.07
DR12612	3/16		0.1875	1-1/8	2-3/16	10	6.49
DR12612		12	0.1890	1-3/16	2-1/4	10	7.07
DR12611		11	0.1910	1-3/16	2-1/4	10	7.07
DR12610		10	0.1935	1-3/16	2-1/4	10	7.21
DR12609		9	0.1960	1-3/16	2-1/4	10	7.21
DR12608		8	0.1990	1-3/16	2-1/4	10	7.21
DR12607		7	0.2010	1-3/16	2-1/4	10	7.21
DR12613	13/64		0.2031	1-3/16	2-1/4	10	7.44
DR12606		6	0.2040	1-1/4	2-3/8	10	9.03
DR12605		5	0.2055	1-1/4	2-3/8	10	9.03
DR12604		4	0.2090	1-1/4	2-3/8	10	9.03
DR12603		3	0.2130	1-1/4	2-3/8	10	9.03
DR12614	7/32		0.2188	1-1/4	2-3/8	10	8.21
DR12602		2	0.2210	1-5/16	2-7/16	10	10.13
DR12601		1	0.2280	1-5/16	2-7/16	10	10.13
DR12701		A	0.2340	1-5/16	2-7/16	10	9.96
DR12615	15/64		0.2344	1-5/16	2-7/16	10	8.77
DR12702		B	0.2380	1-3/8	2-1/2	10	10.59
DR12703		C	0.2420	1-3/8	2-1/2	10	10.59
DR12704		D	0.2460	1-3/8	2-1/2	10	10.59
DR12616	1/4	E	0.2500	1-3/8	2-1/2	10	9.15
DR12706		F	0.2570	1-7/16	2-5/8	10	11.32
DR12707		G	0.2610	1-7/16	2-5/8	10	11.32
DR12617	17/64		0.2656	1-7/16	2-5/8	10	10.64
DR12708		H	0.2660	1-1/2	2-11/16	10	12.08
DR12709		I	0.2720	1-1/2	2-11/16	10	12.08
DR12710		J	0.2770	1-1/2	2-11/16	10	12.08
DR12711		K	0.2810	1-1/2	2-11/16	10	12.08
DR12618	9/32		0.2812	1-1/2	2-11/16	10	11.32
DR12712		L	0.2900	1-9/16	2-3/4	10	14.09
DR12713		M	0.2950	1-9/16	2-3/4	10	14.58
DR12619	19/64		0.2969	1-9/16	2-3/4	10	13.30
DR12714		N	0.3020	1-5/8	2-13/16	10	15.16
DR12620	5/16		0.3125	1-5/8	2-13/16	10	14.35
DR12715		O	0.3160	1-11/16	2-15/16	100	16.75
DR12716		P	0.3230	1-11/16	2-15/16	10	17.17
DR12621	21/64		0.3281	1-11/16	2-15/16	10	15.68
DR12717		Q	0.3320	1-11/16	3"	5	18.08
DR12718		R	0.3390	1-11/16	3"	5	18.08
DR12622	11/32		0.3438	1-11/16	3"	5	17.05
DR12719		S	0.3480	1-3/4	3-1/16	5	22.56
DR12720		T	0.3580	1-3/4	3-1/16	5	22.56
DR12623	23/64		0.3594	1-3/4	3-1/16	5	20.16

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

**STUB DRILLS - RIGHT HAND - 135° SPLIT POINT - COBALT - FRACTIONAL FORETS - SERIE EXTRA COURTE - POINTE EN CROIX 135° - FRACTIONNEL**

**DR126**



**COBALT**

CODE	FRAC	NO	DEC	FLT	QA	PKG	\$ EA
DR12721		U	0.3680	1-13/16	3-1/8	5	22.56
DR12624	3/8		0.3750	1-13/16	3-1/8	5	20.51
DR12722		V	0.3770	1-7/8	3-1/4	5	24.99
DR12723		W	0.3860	1-7/8	3-1/4	5	24.99
DR12625	25/64		0.3906	1-7/8	3-1/4	5	23.36
DR12724		X	0.3970	1-15/16	3-5/16	5	29.54
DR12725		Y	0.4040	1-15/16	3-5/16	5	35.39
DR12626	13/32		0.4062	1-15/16	3-5/16	5	24.45

CODE	FRAC	NO	DEC	FLT	QA	PKG	\$ EA
DR12726		Z	0.4130	2"	3-3/8	5	35.39
DR12627	27/64		0.4219	2"	3-3/8	5	26.88
DR12628	7/16		0.4375	2-1/16	3-7/16	5	27.53
DR12629	29/64		0.4531	2-1/8	3-9/16	5	33.01
DR12630	15/32		0.4688	2-1/8	3-5/8	5	33.01
DR12631	31/64		0.4844	2-3/16	3-11/16	5	36.58
DR12632	1/2		0.5000	2-1/4	3-3/4	5	36.58

**STUB DRILLS - STRAIGHT SHANK - 135° SPLIT POINT - COBALT - METRIC FORETS - SERIE EXTRA COURTE - POINTE EN CROIX 135° - METRIQUE**

**DR79**



**COBALT**

CODE	MM	DEC	FLT	QA	PKG	\$ EA
DR79020	2.00	0.0787	12.0	38.0	10	8.43
DR79023	2.30	0.0906	13.0	40.0	10	8.27
DR79024	2.40	0.0945	14.0	43.0	10	8.19
DR79025	2.50	0.0984	14.0	43.0	10	8.27
DR79027	2.70	0.1063	16.0	46.0	10	8.39
DR79029	2.90	0.1142	16.0	46.0	10	8.57
DR79030	3.00	0.1181	16.0	46.0	10	8.63
DR79032	3.20	0.1260	18.0	49.0	10	8.95
DR79033	3.30	0.1299	18.0	49.0	10	9.04
DR79035	3.50	0.1378	20.0	52.0	10	9.42
DR79037	3.70	0.1457	20.0	52.0	10	9.83
DR79040	4.00	0.1576	22.0	55.0	10	10.49
DR79041	4.10	0.1614	22.0	55.0	10	10.74
DR79042	4.20	0.1654	22.0	55.0	10	11.05
DR79045	4.50	0.1772	24.0	58.0	10	11.82
DR79047	4.70	0.1850	24.0	58.0	10	12.48
DR79048	4.80	0.1890	26.0	62.0	10	12.79
DR79049	4.90	0.1929	26.0	62.0	10	13.15
DR79050	5.00	0.1968	26.0	62.0	10	13.45
DR79051	5.10	0.2008	26.0	62.0	10	13.87
DR79052	5.20	0.2047	26.0	62.0	10	14.23
DR79053	5.30	0.2087	26.0	62.0	10	14.60
DR79054	5.40	0.2126	28.0	66.0	10	15.02
DR79055	5.50	0.2165	28.0	66.0	10	15.38
DR79058	5.80	0.2283	28.0	66.0	10	16.65
DR79060	6.00	0.2362	28.0	66.0	10	17.67
DR79062	6.20	0.2441	31.0	70.0	10	18.65
DR79065	6.50	0.2559	31.0	70.0	10	20.33
DR79066	6.60	0.2598	31.0	70.0	10	20.69
DR79067	6.70	0.2638	31.0	70.0	10	21.35
DR79068	6.80	0.2677	34.0	74.0	10	21.66
DR79069	6.90	0.2717	34.0	74.0	10	22.31

CODE	MM	DEC	FLT	QA	PKG	\$ EA
DR79070	7.00	0.2756	34.0	74.0	10	22.97
DR79072	7.20	0.2835	34.0	74.0	10	24.00
DR79075	7.50	0.2953	34.0	74.0	10	26.37
DR79080	8.00	0.3150	37.0	79.0	10	29.31
DR79083	8.30	0.3268	37.0	79.0	10	31.95
DR79085	8.50	0.3346	37.0	79.0	10	33.35
DR79088	8.80	0.3465	40.0	84.0	5	35.64
DR79090	9.00	0.3543	40.0	84.0	5	37.33
DR79094	9.40	0.3701	40.0	84.0	5	40.99
DR79095	9.50	0.3740	40.0	84.0	5	41.96
DR79098	9.80	0.3858	43.0	89.0	5	44.61
DR79100	10.00	0.3937	43.0	89.0	5	46.98
DR79102	10.20	0.4016	43.0	89.0	5	48.95
DR79105	10.50	0.4134	43.0	89.0	5	51.99
DR79108	10.80	0.4252	47.0	95.0	5	71.63
DR79110	11.00	0.4331	47.0	95.0	5	57.28
DR79115	11.50	0.4528	47.0	95.0	5	63.67
DR79120	12.00	0.4724	51.0	102.0	5	69.66
DR79125	12.50	0.4921	51.0	102.0	5	73.93
DR79130	13.00	0.5118	51.0	102.0	5	83.29



**STUB DRILLS - STRAIGHT SHANK - 135° SPLIT POINT - COBALT - METRIC**  
**FORETS - SERIE EXTRA COURTE - POINTE EN CROIX 135° - METRIQUE**

**DR79**



**COBALT**

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR79074	7.40	0.2913	34.0	74.0	10	16.23
DR79075	7.50	0.2953	34.0	74.0	10	16.23
DR79076	7.60	0.2992	37.0	79.0	10	17.54
DR79077	7.70	0.3031	37.0	79.0	10	17.54
DR79078	7.80	0.3071	37.0	79.0	10	17.54
DR79079	7.90	0.3110	37.0	79.0	10	17.54
DR79080	8.00	0.3150	37.0	79.0	10	17.54
DR79081	8.10	0.3189	37.0	79.0	10	18.60
DR79082	8.20	0.3228	37.0	79.0	10	18.60
DR79083	8.30	0.3268	37.0	79.0	10	18.60
DR79084	8.40	0.3307	37.0	79.0	10	18.60
DR79085	8.50	0.3346	37.0	79.0	10	18.60
DR79086	8.60	0.3386	40.0	84.0	5	22.32
DR79087	8.70	0.3425	40.0	84.0	5	22.32
DR79088	8.80	0.3465	40.0	84.0	5	22.32
DR79089	8.90	0.3504	40.0	84.0	5	22.32
DR79090	9.00	0.3543	40.0	84.0	5	22.32
DR79091	9.10	0.3583	40.0	84.0	5	28.45

CODE	MM	DEC	FLT	OA	PKG	\$ EA
DR79092	9.20	0.3622	40.0	84.0	5	28.45
DR79093	9.30	0.3661	40.0	84.0	5	28.45
DR79094	9.40	0.3701	40.0	84.0	5	28.45
DR79095	9.50	0.3740	40.0	84.0	5	28.45
DR79096	9.60	0.3780	43.0	89.0	5	27.64
DR79097	9.70	0.3819	43.0	89.0	5	27.64
DR79098	9.80	0.3858	43.0	89.0	5	27.64
DR79099	9.90	0.3898	43.0	89.0	5	27.64
DR79100	10.00	0.3937	43.0	89.0	5	27.64
DR79102	10.20	0.4016	43.0	89.0	5	32.70
DR79105	10.50	0.4134	43.0	89.0	5	32.70
DR79108	10.80	0.4252	47.0	95.0	5	32.95
DR79110	11.00	0.4331	47.0	95.0	5	32.95
DR79115	11.50	0.4528	47.0	95.0	5	40.39
DR79118	11.80	0.4646	47.0	95.0	5	38.55
DR79120	12.00	0.4724	51.0	102.0	5	38.55
DR79125	12.50	0.4921	51.0	102.0	5	45.17
DR79130	13.00	0.5118	51.0	102.0	5	45.17

**NC SPOTTING DRILLS - RIGHT HAND - COBALT**  
**FORETS A POINTER - C.N.C. - COBALT**

**DR84**



**NC SPOT**

CODE	MM	DEC	FLT	OA	PKG	\$ EA
<b>90 DEGREE POINT</b>						
DR84006	6.00	0.2362	20.0	70.0	1	22.97
DR84008	8.00	0.3150	25.0	79.0	1	39.97
DR84010	10.00	0.3937	25.0	89.0	1	48.30
DR84012	12.00	0.4724	30.0	102.0	1	65.30
DR84016	16.00	0.6299	35.0	115.0	1	85.27
DR84020	20.00	0.7874	55.0	131.0	1	142.92

CODE	MM	DEC	FLT	OA	PKG	\$ EA
<b>120 DEGREE POINT</b>						
DR84106	6.00	0.2362	20.0	70.0	1	22.97
DR84108	8.00	0.3150	25.0	79.0	1	39.97
DR84110	10.00	0.3937	25.0	89.0	1	48.30
DR84112	12.00	0.4724	30.0	102.0	1	65.30
DR84116	16.00	0.6299	35.0	115.0	1	85.27
DR84120	20.00	0.7874	55.0	131.0	1	142.92

**COR-L APPLICATION DRILL - STUB LENGTH - COATED**  
**FORETS A QUEUE CYLINDRIQUE - SERIE EXTRA COURTE - COR-L**

**DR22-23-24**



**CoR-L**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR23300		3.00	0.1181	16.0	46.0	1	19.90
DR23310		3.10	0.1220	18.0	49.0	1	20.03
DR22008	1/8		0.1250	18.0	49.0	1	20.23
DR23320		3.20	0.1260	18.0	49.0	1	20.23
DR23330		3.30	0.1299	18.0	4.0	1	20.34
DR23340		3.40	0.1339	20.0	52.0	1	20.66
DR23350		3.50	0.1378	20.0	52.0	1	21.17

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR22009	9/64		0.1406	20.0	52.0	1	21.44
DR23360		3.60	0.1417	20.0	52.0	1	21.48
DR23370		3.70	0.1457	20.0	52.0	1	22.11
DR23380		3.80	0.1496	22.0	55.0	1	22.59
DR23390		3.90	0.1535	22.0	55.0	1	23.18
DR22010	5/32		0.1563	22.0	55.0	1	23.54
DR23400		4.00	0.1575	22.0	55.0	1	23.75

**COR-L APPLICATION DRILL - STUB LENGTH - COATED**  
**FORETS A QUEUE CYLINDRIQUE - SERIE EXTRA COURTE - COR-L**

**DR22-23-24**



**CoR-L**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR23410		4.10	0.1614	22.0	55.0	1	24.37
DR23420		4.20	0.1654	22.0	55.0	1	25.07
DR23430		4.30	0.1693	24.0	58.0	1	25.74
DR22011	11/64		0.1719	24.0	58.0	1	26.11
DR23440		4.40	0.1732	24.0	58.0	1	26.51
DR23450		4.50	0.1772	24.0	58.0	1	27.16
DR23460		4.60	0.1811	24.0	58.0	1	27.86
DR23470		4.70	0.1850	24.0	58.0	1	28.52
DR22012	3/16		0.1875	26.0	62.0	1	29.09
DR23480		4.80	0.1890	26.0	62.0	1	29.37
DR23490		4.90	0.1929	26.0	62.0	1	30.08
DR23500		5.00	0.1968	26.0	62.0	1	30.85
DR23510		5.10	0.2008	26.0	62.0	1	47.28
DR22013	13/64		0.2031	26.0	62.0	1	47.93
DR23520		5.20	0.2047	26.0	62.0	1	48.63
DR23530		5.30	0.2087	26.0	62.0	1	49.93
DR23540		5.40	0.2126	28.0	66.0	1	51.30
DR23550		5.50	0.2165	28.0	66.0	1	34.43
DR22014	7/32		0.2188	28.0	66.0	1	35.09
DR23560		5.60	0.2205	28.0	66.0	1	53.29
DR23570		5.70	0.2244	28.0	66.0	1	54.69
DR23580		5.80	0.2283	28.0	66.0	1	55.38
DR23590		5.90	0.2323	28.0	66.0	1	56.68
DR22015	15/64		0.2344	28.0	66.0	1	57.40
DR23600		6.00	0.2362	28.0	66.0	1	39.21
DR23610		6.10	0.2402	31.0	70.0	1	59.37
DR23620		6.20	0.2441	31.0	70.0	1	60.04
DR23630		6.30	0.2480	31.0	70.0	1	61.48
DR22016	1/4		0.2500	31.0	70.0	1	41.24
DR23640		6.40	0.2520	31.0	70.0	1	62.79
DR23650		6.50	0.2559	31.0	70.0	1	42.51
DR23660		6.60	0.2598	31.0	70.0	1	65.50
DR23670		6.70	0.2638	31.0	70.0	1	66.80
DR22017	17/64		0.2656	34.0	74.0	1	66.80
DR23680		6.80	0.2677	34.0	74.0	1	67.46
DR23690		6.90	0.2717	34.0	74.0	1	68.90
DR23700		7.00	0.2756	34.0	74.0	1	46.52
DR23710		7.10	0.2795	34.0	74.0	1	71.59
DR22018	9/32		0.2812	34.0	74.0	1	71.59
DR23720		7.20	0.2835	34.0	74.0	1	72.24
DR23730		7.30	0.2874	34.0	74.0	1	73.58
DR23740		7.40	0.2913	34.0	74.0	1	75.00
DR23750		7.50	0.2953	34.0	74.0	1	51.30
DR22019	19/64		0.2969	37.0	79.0	1	76.27
DR23760		7.60	0.2992	37.0	79.0	1	76.97
DR23770		7.70	0.3031	37.0	79.0	1	78.95
DR23780		7.80	0.3071	37.0	79.0	1	80.40
DR23790		7.90	0.3110	37.0	79.0	1	81.72
DR22020	5/16		0.3125	37.0	79.0	1	54.69
DR23800		8.00	0.3150	37.0	79.0	1	55.38

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR23810		8.10	0.3189	37.0	79.0	1	84.42
DR23820		8.20	0.3228	37.0	79.0	1	85.73
DR23830		8.30	0.3268	37.0	79.0	1	87.06
DR22021	21/64		0.3281	37.0	79.0	1	87.06
DR23840		8.40	0.3307	37.0	79.0	1	88.53
DR23850		8.50	0.3346	37.0	79.0	1	59.37
DR23860		8.60	0.3386	40.0	84.0	1	91.18
DR23870		8.70	0.3425	40.0	84.0	1	93.21
DR22022	11/32		0.3438	40.0	84.0	1	93.21
DR23880		8.80	0.3465	40.0	84.0	1	94.52
DR23890		8.90	0.3504	40.0	84.0	1	95.85
DR23900		9.00	0.3543	40.0	84.0	1	64.84
DR23910		9.10	0.3583	40.0	84.0	1	98.60
DR22023	23/64		0.3594	40.0	84.0	1	99.25
DR23920		9.20	0.3622	40.0	84.0	1	99.92
DR23930		9.30	0.3661	40.0	84.0	1	101.96
DR23940		9.40	0.3701	40.0	84.0	1	103.27
DR23950		9.50	0.3740	40.0	84.0	1	70.16
DR22024	3/8		0.3750	43.0	89.0	1	70.15
DR23960		9.60	0.3780	43.0	89.0	1	107.35
DR23970		9.70	0.3819	43.0	89.0	1	108.72
DR23980		9.80	0.3858	43.0	89.0	1	110.69
DR23990		9.90	0.3898	43.0	89.0	1	112.11
DR22025	25/64		0.3906	43.0	89.0	1	112.80
DR24000		10.00	0.3937	43.0	89.0	1	75.55
DR24010		10.10	0.3976	43.0	89.0	1	115.14
DR24020		10.20	0.4016	43.0	89.0	1	118.18
DR24030		10.30	0.4055	43.0	89.0	1	119.45
DR22026	13/32		0.4062	43.0	89.0	1	120.87
DR24040		10.40	0.4094	43.0	89.0	1	122.23
DR24050		10.50	0.4134	43.0	89.0	1	83.08
DR24060		10.60	0.4173	43.0	89.0	1	125.25
DR24070		10.70	0.4213	47.0	95.0	1	128.29
DR22027	27/64		0.4219	47.0	95.0	1	129.00
DR24080		10.80	0.4252	47.0	95.0	1	130.32
DR24090		10.90	0.4291	47.0	95.0	1	132.42
DR24100		11.00	0.4331	47.0	95.0	1	89.79
DR24110		11.10	0.4370	47.0	95.0	1	137.68
DR22028	7/16		0.4375	47.0	95.0	1	91.18
DR24120		11.20	0.4409	47.0	95.0	1	139.78
DR24130		11.30	0.4449	47.0	95.0	1	142.47
DR24140		11.40	0.4488	47.0	95.0	1	144.46
DR24150		11.50	0.4528	47.0	95.0	1	98.60
DR22029	29/64		0.4531	47.0	95.0	1	147.14
DR24160		11.60	0.4567	47.0	95.0	1	150.55
DR24170		11.70	0.4606	47.0	95.0	1	152.59
DR24180		11.80	0.4646	47.0	95.0	1	155.22
DR24190		11.90	0.4685	51.0	102.0	1	157.96
DR22030	15/32		0.4688	51.0	102.0	1	157.96
DR24200		12.00	0.4724	51.0	102.0	1	107.35



**COR-L APPLICATION DRILL - STUB LENGTH - COATED**  
**FORETS A QUEUE CYLINDRIQUE - SERIE EXTRA COURTE - COR-L**

**DR22-23-24**



**CoR-L**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR24210		12.10	0.4764	51.0	102.0	1	164.08
DR24220		12.20	0.4803	51.0	102.0	1	167.43
DR24230		12.30	0.4843	51.0	102.0	1	170.13
DR22031	31/64		0.4844	51.0	102.0	1	170.14
DR24240		12.40	0.4882	51.0	102.0	1	173.47
DR24250		12.50	0.4921	51.0	102.0	1	117.45

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR24260		12.60	0.4961	51.0	102.0	1	180.26
DR24270		12.70	0.5000	51.0	102.0	1	122.85
DR22032	1/2		0.5000	51.0	102.0	1	122.85
DR24280		12.80	0.5039	51.0	102.0	1	186.96
DR24290		12.90	0.5079	51.0	102.0	1	189.77
DR24300		13.00	0.5118	51.0	102.0	1	129.01

**PAN-L DRILLS - RIGHT HAND - HSS**  
**FORETS A QUEUE CYLINDRIQUE - PAN-L**

**DR76**



**PAN-L**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR76006	3/32		0.0938	9.0	43.0	1	2.04
DR76300		3.00	0.1181	11.0	46.0	1	2.29
DR76008	1/8		0.1250	12.0	49.0	1	2.09
DR76325		3.25	0.1280	12.0	49.0	1	2.16
DR76350		3.50	0.1378	15.0	52.0	1	2.54
DR76375		3.75	0.1476	15.0	52.0	1	4.02
DR76010	5/32		0.1562	16.0	55.0	1	2.79

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR76400		4.00	0.1575	16.0	55.0	1	2.91
DR76450		4.50	0.1772	17.0	62.0	1	2.99
DR76475		4.75	0.1870	17.0	62.0	1	4.95
DR76012	3/16		0.1875	17.0	62.0	1	3.83
DR76500		5.00	0.1968	17.0	62.0	1	3.96
DR76625		6.25	0.2461	20.0	70.0	1	7.74
DR76016	1/4		0.2500	20.0	70.0	1	5.64

**PAN-L DRILLS - RIGHT HAND - DOUBLE END - HSS**  
**FORETS A QUEUE CYLINDRIQUE - PAN-L - DOUBLES**

**DR77**



**PAN-L**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR77006	3/32		0.0938	11.0	43.0	1	4.10
DR77250		2.50	0.0984	11.0	43.0	1	4.10
DR77260		2.60	0.1024	11.0	43.0	1	4.65
DR77270		2.70	0.1063	13.0	46.0	1	4.65
DR77007	7/64		0.1094	13.0	46.0	1	4.28
DR77290		2.90	0.1142	13.0	46.0	1	4.65
DR77300		3.00	0.1181	13.0	46.0	1	4.45
DR77008	1/8		0.1250	13.0	49.0	1	4.65
DR77320		3.20	0.1260	13.0	49.0	1	4.65
DR77325		3.25	0.1280	13.0	49.0	1	4.65
DR77326		3.26	0.1283	13.0	49.0	1	4.85
DR77330		3.30	0.1299	13.0	49.0	1	4.21
DR77340		3.40	0.1339	14.0	52.0	1	4.78
DR77350		3.50	0.1378	14.0	52.0	1	5.46
DR77009	9/64		0.1406	14.0	52.0	1	5.46
DR77400		4.00	0.1575	16.0	55.0	1	5.64
DR77410		4.10	0.1614	16.0	55.0	1	5.12

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR77420		4.20	0.1654	16.0	55.0	1	5.64
DR77012	3/16		0.1875	19.0	62.0	1	7.69
DR77490		4.90	0.1929	19.0	62.0	1	6.89
DR77500		5.00	0.1968	19.0	62.0	1	7.56
DR77520		5.20	0.2047	19.0	62.0	1	8.23
DR77014	7/32		0.2188	22.0	66.0	1	8.94
DR77600		6.00	0.2362	22.0	66.0	1	9.98
DR77016	1/4		0.2500	22.0	70.0	1	9.98
DR77650		6.50	0.2559	22.0	70.0	1	12.32
DR77680		6.80	0.2677	22.0	74.0	1	12.32
DR77700		7.00	0.2756	22.0	74.0	1	12.32
DR77018	9/32		0.2812	22.0	74.0	1	13.00
DR77020	5/16		0.3125	25.0	79.0	1	15.41
DR77900		8.00	0.3150	25.0	79.0	1	15.41
DR77024	3/8		0.3750	29.0	89.0	1	21.23

**CENTER DRILLS (COMBINED DRILL & COUNTERSINK) - HSS**  
**FORETS A CENTRER - HSS**

**DR62**



**CENTER DRILL**

CODE	NO	°	D1	D2	OA	PKG	\$ EA
DR62201	1	60°	3/64	1/8	1-1/4	1	6.85
DR62202	2	60°	5/64	3/16	1-7/8	1	6.85
DR62203	3	60°	7/64	1/4	2"	1	6.85
DR62204	4	60°	1/8	5/16	2-1/8	1	6.85

CODE	NO	°	D1	D2	OA	PKG	\$ EA
DR62205	5	60°	3/16	7/16	2-3/4	1	13.55
DR62206	6	60°	7/32	1/2	3"	1	20.32
DR62207	7	60°	1/4	5/8	3-1/4	1	26.82
DR62008	8	60°	5/16	3/4	3-1/2	1	36.37

**CARBIDE TIPPED MASONRY DRILLS**  
**FORETS A MACONNERIE**

**DR52**



**CT**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR52008	1/8	3.00	0.1250	1-9/16	2-3/4	10	2.61
DR52010	5/32	4.00	0.1562	1-9/16	2-3/4	10	3.14
DR52012	3/16	5.00	0.1875	1-31/32	3-5/32	10	3.27
DR52014	7/32	5.50	0.2188	2-3/8	3-15/16	10	3.59
DR52016	1/4	6.50	0.2500	2-3/8	3-15/16	10	3.81
DR52018	9/32	7.00	0.2812	2-3/8	4-11/32	10	4.45
DR52020	5/16	8.00	0.3125	3-5/32	4-15/16	10	4.56
DR52024	3/8	10.00	0.3750	3-5/32	4-15/16	5	5.81

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR52028	7/16	11.00	0.4375	3-17/32	5-1/2	5	10.80
DR52030	15/32	12.00	0.4688	3-17/32	5-1/2	5	10.86
DR52032	1/2	13.00	0.5000	3-17/32	5-1/2	5	11.00
DR52036	9/16	14.00	0.5625	3-17/32	5-1/2	1	15.48
DR52040	5/8	16.00	0.6250	3-17/32	5-1/2	1	15.79
DR52048	3/4	20.00	0.7500	3-15/16	6-5/16	1	21.83
DR52056	7/8	22.00	0.8750	3-15/16	6-5/16	1	29.62
DR52100	1"	25.00	1.0000	3-15/16	6-5/16	1	32.91

**CARBIDE TIPPED MASONRY DRILLS - SDS SHANK**  
**FORETS A MACONNERIE - QUEUE SDS**

**DR522**



**CT**

CODE	FRAC	DEC	FLT	OA	PKG	\$ EA
DR52210	5/32	0.1563	4"	6"	10	10.32
DR52212	3/16	0.1875	4"	6"	10	7.95
DR52312	3/16	0.1875	6"	8"	10	10.15
DR52412	3/16	0.1875	8"	10"	10	16.13
DR52512	3/16	0.1875	10"	12"	10	22.86
DR52612	3/16	0.1875	12"	14"	10	31.23
DR52314	7/32	0.2188	6"	8"	10	13.02
DR52514	7/32	0.2188	10"	12"	10	20.04
DR52216	1/4	0.2500	4"	6"	10	7.95
DR52316	1/4	0.2500	6"	8"	10	8.89
DR52416	1/4	0.2500	8"	10"	10	15.07
DR52616	1/4	0.2500	12"	14"	10	27.06
DR52220	5/16	0.3125	4"	6"	10	9.51
DR52520	5/16	0.3125	10"	12"	10	17.67
DR52224	3/8	0.3750	4"	6"	5	9.88
DR52524	3/8	0.3750	10"	12"	5	16.83
DR52724	3/8	0.3750	16"	18"	5	28.09
DR52624	3/8	0.3750	22"	24"	5	39.61

CODE	FRAC	DEC	FLT	OA	PKG	\$ EA
DR52228	7/16	0.4375	4"	6"	5	13.57
DR52528	7/16	0.4375	10"	12"	5	22.86
DR52232	1/2	0.5000	4"	6"	5	15.36
DR52532	1/2	0.5000	10"	12"	5	21.67
DR52732	1/2	0.5000	16"	18"	5	31.23
DR52632	1/2	0.5000	22"	24"	5	51.02
DR52236	9/16	0.5625	4"	6"	1	18.93
DR52536	9/16	0.5625	10"	12"	1	26.44
DR52340	5/8	0.6250	6"	8"	1	22.77
DR52540	5/8	0.6250	10"	12"	1	33.29
DR52740	5/8	0.6250	16"	18"	1	43.67
DR52348	3/4	0.7500	6"	8"	1	38.04
DR52548	3/4	0.7500	10"	12"	1	38.51
DR52748	3/4	0.7500	16"	18"	1	51.02
DR52556	7/8	0.8750	10"	12"	1	60.90
DR52756	7/8	0.8750	16"	18"	1	82.85
DR52464	1	1.0000	8"	10"	1	79.54
DR52764	1	1.0000	16"	18"	1	103.97



TAPER LENGTH DRILLS - HSS - STRAIGHT SHANK  
FORETS A QUEUE CYLINDRIQUE - SERIE LONGUE

DR20-46-47-48



LONG SERIES

CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR20280		80		0.0135	5/16	1-1/2	1	10.26
DR20279		79		0.0145	5/16	1-1/2	1	10.26
DR20278		78		0.0160	5/16	1-1/2	1	10.26
DR20277		77		0.0180	5/16	1-1/2	1	10.26
DR20276		76		0.0200	5/16	1-1/2	1	10.16
DR20275		75		0.0210	5/16	1-1/2	1	8.49
DR20274		74		0.0225	5/16	1-1/2	1	8.49
DR20273		73		0.0240	5/16	1-1/2	1	8.49
DR20272		72		0.0250	5/16	1-1/2	1	8.49
DR20271		71		0.0260	3/4	2"	1	8.49
DR20270		70		0.0280	3/4	2"	1	8.49
DR20269		69		0.0292	3/4	2"	1	8.04
DR20268		68		0.0310	3/4	2"	1	8.04
DR20267		67		0.0320	3/4	2"	1	8.04
DR20266		66		0.0330	3/4	2"	1	8.04
DR20265		65		0.0350	3/4	2"	1	8.04
DR20264		64		0.0360	3/4	2"	1	8.04
DR20263		63		0.0370	3/4	2"	1	8.04
DR20262		62		0.0380	3/4	2"	1	8.04
DR20261		61		0.0390	1-1/8	2-1/4	1	6.38
DR46100			1.00	0.0394	3/8	5/8	1	7.10
DR20260		60		0.0400	1-1/8	2-1/4	1	6.62
DR20259		59		0.0410	1-1/8	2-1/4	1	6.62
DR20258		58		0.0420	1-1/8	2-1/4	1	6.62
DR20257		57		0.0430	1-1/8	2-1/4	1	6.62
DR20256		56		0.0465	1-1/8	2-1/4	1	6.62
DR46120			1.20	0.0472	1/2	5/8	1	6.41
DR46130			1.30	0.0512	1/2	5/8	1	6.16
DR20255		55		0.0520	1-3/4	3"	1	6.62
DR20254		54		0.0550	1-3/4	3"	1	6.62
DR46140			1.40	0.0551	1/2	7/8	1	5.97
DR46150			1.50	0.0591	1/2	7/8	1	5.78
DR20253		53		0.0595	1-3/4	3"	1	6.62
DR20004		1/16		0.0625	1-3/4	3"	1	6.01
DR46160			1.60	0.0630	1/2	7/8	1	5.61
DR20252		52		0.0635	2"	3-3/4	1	6.62
DR46170			1.70	0.0669	1/2	7/8	1	5.55
DR20251		51		0.0670	2"	3-3/4	1	6.62
DR46175			1.75	0.0689	1/2	8/8	1	8.25
DR20250		50		0.0700	2"	3-3/4	1	6.62
DR46180			1.80	0.0709	1/2	8/8	1	5.43
DR20249		49		0.0730	2"	3-3/4	1	6.62
DR46190			1.90	0.0748	1/2	8/8	1	5.36
DR20248		48		0.0760	2"	3-3/4	1	6.62
DR20005		5/64		0.0781	2"	3-3/4	1	6.92
DR20247		47		0.0785	2-1/4	4-1/4	1	7.98
DR46200			2.00	0.0787	1/2	8/8	1	5.31
DR46205			2.05	0.0807	1/2	8/8	1	7.95
DR20246		46		0.0810	2-1/4	4-1/4	1	7.98
DR20245		45		0.0820	2-1/4	4-1/4	1	7.98

CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR46210			2.10	0.0827	1/2	8/8	1	5.31
DR46215			2.15	0.0846	1/2	9/8	1	7.95
DR20244		44		0.0860	2-1/4	4-1/4	1	7.98
DR46220			2.20	0.0866	1/2	9/8	1	5.31
DR46225			2.25	0.0886	1/2	9/8	1	7.95
DR20243		43		0.0890	2-1/4	4-1/4	1	7.98
DR46230			2.30	0.0906	1/2	9/8	1	5.31
DR46235			2.35	0.0925	1/2	9/8	1	7.95
DR20242		42		0.0935	2-1/4	4-1/4	1	7.98
DR20006		3/32		0.0938	2-1/4	4-1/4	1	7.97
DR46240			2.40	0.0945	1/2	9/8	1	5.31
DR20241		41		0.0960	2-1/2	4-5/8	1	9.38
DR46245			2.45	0.0965	1/2	9/8	1	7.95
DR20240		40		0.0980	2-1/2	4-5/8	1	9.38
DR46250			2.50	0.0984	1/2	9/8	1	5.36
DR20239		39		0.0995	2-1/2	4-5/8	1	9.38
DR46255			2.55	0.1004	1/2	9/8	1	6.07
DR20238		38		0.1015	2-1/2	4-5/8	1	10.82
DR46260			2.60	0.1024	1/2	9/8	1	5.36
DR20237		37		0.1040	2-1/2	4-5/8	1	10.82
DR46265			2.65	0.1043	1/2	9/8	1	8.14
DR46270			2.70	0.1063	1/2	10/8	1	5.43
DR20236		36		0.1065	2-1/2	4-5/8	1	10.82
DR46275			2.75	0.1083	1/2	10/8	1	8.19
DR20007		7/64		0.1094	2-1/2	4-5/8	1	10.01
DR20235		35		0.1100	2-3/4	5-1/8	1	14.46
DR46280			2.80	0.1102	1/2	10/8	1	5.48
DR20234		34		0.1110	2-3/4	5-1/8	1	14.46
DR46285			2.85	0.1122	1/2	10/8	1	8.25
DR20233		33		0.1130	2-3/4	5-1/8	1	14.46
DR46290			2.90	0.1142	1/2	10/8	1	5.55
DR20232		32		0.1160	2-3/4	5-1/8	1	14.46
DR46295			2.95	0.1161	1/2	10/8	1	8.39
DR46300			3.00	0.1181	1/2	10/8	1	5.61
DR20231		31		0.1200	2-3/4	5-1/8	1	14.46
DR46310			3.10	0.1220	1/2	10/8	1	5.68
DR20008		1/8		0.1250	2-3/4	5-1/8	1	10.42
DR46320			3.20	0.1260	1/2	10/8	1	5.66
DR46325			3.25	0.1280	1/2	10/8	1	8.81
DR20230		30		0.1285	3"	5-3/8	1	14.67
DR46330			3.30	0.1299	1/2	10/8	1	5.93
DR46340			3.40	0.1339	1/2	11/8	1	6.04
DR20229		29		0.1360	3"	5-3/8	1	14.67
DR46350			3.50	0.1378	1/2	11/8	1	6.16
DR20228		28		0.1405	3"	5-3/8	1	14.67
DR20009		9/64		0.1406	3"	5-3/8	1	13.13
DR46360			3.60	0.1417	1/2	11/8	1	6.23
DR20227		27		0.1440	3"	5-3/8	1	14.67
DR46370			3.70	0.1457	1/2	11/8	1	6.35
DR20226		26		0.1470	3"	5-3/8	1	14.67

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

TAPER LENGTH DRILLS - HSS - STRAIGHT SHANK  
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CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR46375			3.75	0.1476	73	112	1	9.63
DR20225		25		0.1495	3"	5-3/8	1	14.67
DR46380			3.80	0.1496	78	119	1	6.54
DR20224		24		0.1520	3"	5-3/8	1	14.67
DR46390			3.90	0.1535	78	119	1	6.67
DR20223		23		0.1540	3"	5-3/8	1	14.67
DR20010	5/32			0.1562	3"	5-3/8	1	12.46
DR20222		22		0.1570	3-3/8	5-3/4	1	14.67
DR46400			4.00	0.1575	78	119	1	6.77
DR20221		21		0.1590	3-3/8	5-3/4	1	14.67
DR20220		20		0.1610	3-3/8	5-3/4	1	14.67
DR46410			4.10	0.1614	78	119	1	6.91
DR46420			4.20	0.1654	78	119	1	7.10
DR20219		19		0.1660	3-3/8	5-3/4	1	14.67
DR46425			4.25	0.1673	78	119	1	10.79
DR46430			4.30	0.1693	82	126	1	7.21
DR20218		18		0.1695	3-3/8	5-3/4	1	14.67
DR20011	11/64			0.1719	3-3/8	5-3/4	1	14.60
DR20217		17		0.1730	3-3/8	5-3/4	1	14.67
DR46440			4.40	0.1732	82	126	1	7.46
DR20216		16		0.1770	3-3/8	5-3/4	1	14.67
DR46450			4.50	0.1772	82	126	1	7.58
DR20215		15		0.1800	3-3/8	5-3/4	1	14.67
DR46460			4.60	0.1811	82	126	1	7.77
DR20214		14		0.1820	3-3/8	5-3/4	1	14.67
DR20213		13		0.1850	3-3/8	5-3/4	1	14.67
DR46470			4.70	0.1850	82	126	1	7.95
DR46475			4.75	0.1870	82	126	1	12.13
DR20012	3/16			0.1875	3-3/8	5-3/4	1	12.71
DR20212		12		0.1890	3-5/8	6"	1	16.20
DR46480			4.80	0.1890	87	132	1	8.19
DR20211		11		0.1910	3-5/8	6"	1	16.20
DR46490			4.90	0.1929	87	132	1	8.39
DR20210		10		0.1935	3-5/8	6"	1	16.20
DR20209		09		0.1980	3-5/8	6"	1	16.20
DR46500			5.00	0.1968	87	132	1	8.63
DR20208		08		0.1990	3-5/8	6"	1	16.20
DR46510			5.10	0.2008	87	132	1	8.81
DR20207		07		0.2010	3-5/8	6"	1	16.20
DR20013	13/64			0.2031	3-5/8	6"	1	16.44
DR20206		06		0.2040	3-5/8	6"	1	16.20
DR46520			5.20	0.2047	87	132	1	9.05
DR20205		05		0.2055	3-5/8	6"	1	16.20
DR46525			5.25	0.2067	87	132	1	17.38
DR46530			5.30	0.2087	87	132	1	9.31
DR20204		04		0.2090	3-5/8	6"	1	16.20
DR46540			5.40	0.2126	91	139	1	9.56
DR20203		03		0.2130	3-5/8	6"	1	16.20
DR46550			5.50	0.2165	91	139	1	9.74
DR20014	7/32			0.2188	3-5/8	6"	1	17.43

CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR46560			5.60	0.2205	91	139	1	10.05
DR20202		02		0.2210	3-3/4	6-1/8	1	16.71
DR46570			5.70	0.2244	91	139	1	10.29
DR46575			5.75	0.2264	91	139	1	19.72
DR20201		01		0.2280	3-3/4	6-1/8	1	16.71
DR46580			5.80	0.2283	91	139	1	10.61
DR46590			5.90	0.2323	91	139	1	10.85
DR20301		A		0.2340	3-3/4	6-1/8	1	18.71
DR20015	15/64			0.2344	3-3/4	6-1/8	1	17.43
DR46600			6.00	0.2362	6	139	1	11.16
DR20302		B		0.2380	3-3/4	6-1/8	1	18.71
DR46610			6.10	0.2402	97	148	1	11.48
DR20303		C		0.2420	3-3/4	6-1/8	1	18.71
DR46620			6.20	0.2441	97	148	1	11.71
DR20304		D		0.2460	3-3/4	6-1/8	1	18.92
DR46630			6.30	0.2480	97	148	1	12.03
DR20016	1/4	E		0.2500	3-3/4	6-1/8	1	14.73
DR46640			6.40	0.2520	97	148	1	12.33
DR46650			6.50	0.2559	97	148	1	12.64
DR20306		F		0.2570	3-7/8	6-1/4	1	19.82
DR46660			6.60	0.2598	97	148	1	13.06
DR20307		G		0.2610	3-7/8	6-1/4	1	20.57
DR46670			6.70	0.2638	97	148	1	13.38
DR20017	17/64			0.2656	3-7/8	6-1/4	1	18.39
DR46675			6.75	0.2657	102	156	1	20.45
DR20308		H		0.2660	3-7/8	6-1/4	1	21.36
DR46680			6.80	0.2677	102	156	1	13.73
DR46690			6.90	0.2717	102	156	1	14.07
DR20309		I		0.2720	3-7/8	6-1/4	1	21.36
DR46700			7.00	0.2756	102	156	1	14.42
DR20310		J		0.2770	3-7/8	6-1/4	1	21.36
DR46710			7.10	0.2795	102	156	1	22.12
DR20311		K		0.2810	3-7/8	6-1/4	1	21.36
DR20018	9/32			0.2812	3-7/8	6-1/4	1	18.00
DR46720			7.20	0.2835	102	156	1	22.82
DR46725			7.25	0.2854	102	156	1	26.96
DR46730			7.30	0.2874	102	156	1	23.49
DR20312		L		0.2900	4"	6-3/8	1	22.88
DR46740			7.40	0.2913	102	6"	1	23.66
DR20313		M		0.2950	4"	6-3/8	1	22.88
DR46750			7.50	0.2953	102	156	1	16.40
DR20019	19/64			0.2969	4"	6-3/8	1	19.94
DR46760			7.60	0.2992	109	165	1	25.20
DR20314		N		0.3020	4"	6-3/8	1	23.30
DR46770			7.70	0.3031	109	165	1	25.88
DR46775			7.75	0.3051	109	165	1	32.68
DR46780			7.80	0.3071	109	165	1	26.58
DR46790			7.90	0.3110	109	165	1	27.25
DR20020	5/16			0.3125	4"	6-3/8	1	18.18
DR46800			8.00	0.3150	109	165	1	18.74



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CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR20315		O		0.3180	4-1/8	6-1/2	1	23.30
DR46810			8.10	0.3189	109	165	1	28.60
DR46820			8.20	0.3228	109	165	1	29.27
DR20316		P		0.3230	4-1/8	6-1/2	1	23.30
DR46830			8.30	0.3268	109	165	1	29.95
DR20021	21/64			0.3281	4-1/8	6-1/2	1	21.17
DR46840			8.40	0.3307	109	165	1	30.63
DR20317		Q		0.3320	4-1/8	6-1/2	1	23.30
DR46850			8.50	0.3346	109	165	1	21.14
DR46860			8.60	0.3386	115	175	1	32.37
DR20318		R		0.3390	4-1/8	6-1/2	1	24.55
DR46870			8.70	0.3425	115	175	1	33.05
DR20022	11/32			0.3438	4-1/8	6-1/2	1	20.20
DR46875			8.75	0.3445	115	175	1	41.92
DR46880			8.80	0.3465	115	175	1	33.73
DR20319		S		0.3480	4-1/4	6-3/4	1	24.55
DR46890			8.90	0.3504	115	175	1	35.06
DR46900			9.00	0.3543	115	175	1	23.86
DR20320		T		0.3580	4-1/4	6-3/4	1	24.55
DR46910			9.10	0.3583	115	175	1	36.80
DR20023	23/64			0.3594	4-1/4	6-3/4	1	23.45
DR46920			9.20	0.3622	115	175	1	37.47
DR46925			9.25	0.3642	115	175	1	47.33
DR46930			9.30	0.3661	115	175	1	38.45
DR20321		U		0.3680	4-1/4	6-3/4	1	25.80
DR46940			9.40	0.3701	115	175	1	39.13
DR46950			9.50	0.3740	115	175	1	26.58
DR20024	3/8			0.3750	4-1/4	6-3/4	1	23.45
DR20322		V		0.3770	4-3/8	7"	1	25.80
DR46960			9.60	0.3780	121	184	1	41.23
DR46970			9.70	0.3819	121	184	1	41.92
DR46975			9.75	0.3839	121	184	1	53.14
DR46980			9.80	0.3858	121	184	1	42.91
DR20323		W		0.3860	4-3/8	7"	1	25.80
DR46990			9.90	0.3898	121	184	1	43.95
DR20025	25/64			0.3906	4-3/8	7"	1	25.32
DR47000			10.00	0.3937	121	184	1	29.94
DR20324		X		0.3970	4-3/8	7"	1	26.59
DR47010			10.10	0.3976	121	184	1	45.99
DR47020			10.20	0.4016	121	184	1	46.97
DR47025			10.25	0.4035	121	184	1	59.59
DR20325		Y		0.4040	4-3/8	7"	1	26.59
DR47030			10.30	0.4055	121	184	1	48.01
DR20026	13/32			0.4062	4-3/8	7"	1	24.94
DR47040			10.40	0.4094	121	184	1	49.37
DR20326		Z		0.4130	4-5/8	7"	1	27.60
DR47050			10.50	0.4134	121	184	1	33.35
DR47060			10.60	0.4173	121	184	1	51.39
DR47070			10.70	0.4213	128	195	1	52.48
DR20027	27/64			0.4219	4-5/8	7-1/4	1	26.88

CODE	FRAC	NO	MM	DEC	FLT	OA	PKG	\$ EA
DR47075			10.75	0.4232	128	195	1	68.39
DR47080			10.80	0.4252	128	195	1	53.43
DR47090			10.90	0.4291	128	195	1	54.47
DR47100			11.00	0.4331	128	195	1	37.47
DR47110			11.10	0.4370	128	195	1	56.90
DR20028	7/16			0.4375	4-5/8	7-1/4	1	27.54
DR47120			11.20	0.4409	128	195	1	58.56
DR47130			11.30	0.4449	128	195	1	59.92
DR47140			11.40	0.4488	128	195	1	60.95
DR47150			11.50	0.4528	128	195	1	41.53
DR20029	29/64			0.4531	4-3/4	7-1/2	1	30.46
DR47160			11.60	0.4567	128	195	1	63.67
DR47170			11.70	0.4606	128	195	1	64.72
DR47180			11.80	0.4646	128	195	1	66.07
DR47190			11.90	0.4685	134	205	1	67.43
DR20030	15/32			0.4688	4-3/4	7-1/2	1	31.85
DR47200			12.00	0.4724	134	205	1	44.61
DR47210			12.10	0.4764	134	205	1	68.62
DR47220			12.20	0.4803	134	205	1	69.94
DR47230			12.30	0.4843	134	205	1	71.28
DR20031	31/64			0.4844	4-3/4	7-1/2	1	34.59
DR47240			12.40	0.4882	134	205	1	72.61
DR47250			12.50	0.4921	134	205	1	49.32
DR47260			12.60	0.4961	134	205	1	83.29
DR20032	1/2			0.5000	4-3/4	7-3/4	1	33.23
DR47280			12.80	0.5039	134	205	1	78.28
DR47290			12.90	0.5079	134	205	1	87.61
DR47300			13.00	0.5118	134	205	1	53.97
DR20033	33/64			0.5156	4-3/4	8"	1	40.72
DR47310			13.10	0.5157	134	205	1	89.91
DR47320			13.20	0.5197	134	205	1	92.61
DR47330			13.30	0.5236	140	214	1	93.28
DR47340			13.40	0.5276	140	214	1	95.93
DR20034	17/32			0.5312	4-3/4	8"	1	39.91
DR47350			13.50	0.5315	140	214	1	89.32
DR47360			13.60	0.5354	140	214	1	100.28
DR47370			13.70	0.5394	140	214	1	102.27
DR47375			13.75	0.5413	140	214	1	103.59
DR47380			13.80	0.5433	140	214	1	104.92
DR20035	35/64			0.5469	4-7/8	8-1/4	1	45.55
DR47390			13.90	0.5472	140	214	1	69.66
DR47400			14.00	0.5512	140	214	1	64.96
DR47425			14.25	0.5610	144	220	1	110.95
DR20036	9/16			0.5625	4-7/8	8-1/4	1	42.33
DR47450			14.50	0.5709	144	220	1	105.96
DR20037	37/64			0.5781	4-7/8	8-3/4	1	50.24
DR47475			14.75	0.5807	144	220	1	118.25
DR47500			15.00	0.5906	144	220	1	76.29
DR20038	19/32			0.5938	4-7/8	8-3/4	1	50.24
DR47525			15.25	0.6004	149	227	1	131.58

DRILLS - STRAIGHT SHANK

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CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR20039	39/64		0.6094	4-7/8	8-3/4	1	52.62
DR47550		15.50	0.6102	149	227	1	124.57
DR47575		15.75	0.6201	149	227	1	139.23
DR20040	5/8		0.6250	4-7/8	8-3/4	1	51.37
DR47600		16.00	0.6299	149	227	1	89.32
DR47625		16.25	0.6398	154	235	1	219.85
DR20041	41/64		0.6406	5-1/8	9"	1	59.54
DR47650		16.50	0.6496	154	235	1	143.85
DR20042	21/32		0.6562	5-1/8	9"	1	57.92
DR47675		16.75	0.6594	154	235	1	237.52
DR47700		17.00	0.6693	158	241	1	102.93
DR20043	43/64		0.6719	5-3/8	9-1/4	1	66.95
DR47725		17.25	0.6791	158	241	1	254.84
DR20044	11/16		0.6875	5-3/8	9-1/4	1	65.32
DR47750		17.50	0.6890	158	241	1	165.22
DR47775		17.75	0.6988	158	241	1	276.48
DR20045	45/64		0.7031	5-5/8	9-1/2	1	71.99
DR47800		18.00	0.7087	158	241	1	117.29
DR47825		18.25	0.7185	162	247	1	292.16
DR20046	23/32		0.7188	5-5/8	9-1/2	1	71.32
DR47850		18.50	0.7283	162	247	1	188.86
DR20047	47/64		0.7344	5-7/8	9-3/4	1	78.74
DR47875		18.75	0.7382	162	247	1	315.08
DR47900		19.00	0.7480	162	247	1	132.91
DR20048	3/4		0.7500	5-7/8	9-3/4	1	75.80
DR47925		19.25	0.7579	166	254	1	326.08
DR20049	49/64		0.7656	6"	9-7/8	1	92.53
DR47950		19.50	0.7677	166	254	1	263.15
DR47975		19.75	0.7776	166	254	1	351.73
DR20050	25/32		0.7812	6"	9-7/8	1	82.01
DR48000		20.00	0.7874	166	254	1	148.60
DR20051	51/64		0.7969	6-1/8	10"	1	89.52
DR48025		20.25	0.7972	171	261	1	392.05
DR48050		20.50	0.8071	171	261	1	294.79
DR20052	13/16		0.8125	6-1/8	10"	1	87.05
DR48075		20.75	0.8169	171	261	1	399.37
DR48100		21.00	0.8268	171	261	1	164.57
DR20053	53/64		0.8281	6-1/8	10"	1	107.67
DR48125		21.25	0.8366	176	268	1	410.33
DR20054	27/32		0.8438	6-1/8	10"	1	91.64
DR48150		21.50	0.8465	176	268	1	324.77
DR48175		21.75	0.8563	176	268	1	421.37
DR20055	55/64		0.8594	6-1/8	10"	1	113.09
DR48200		22.00	0.8661	176	268	1	181.57
DR20056	7/8		0.8750	6-1/8	10"	1	95.29
DR48225		22.25	0.8760	176	268	1	432.35
DR48250		22.50	0.8858	180	275	1	284.80
DR20057	57/64		0.8906	6-1/8	10"	1	117.84
DR48275		22.75	0.8957	180	275	1	439.65
DR48300		23.00	0.9055	180	275	1	115.53
DR20058	29/32		0.9062	6-1/8	10"	1	100.17

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR48325		23.25	0.9154	180	275	1	457.97
DR20059	59/64		0.9219	6-1/8	10-3/4	1	128.23
DR48350		23.50	0.9252	180	275	1	386.38
DR48375		23.75	0.9350	185	282	1	465.33
DR20060	15/16		0.9375	6-1/8	10-3/4	1	111.10
DR48400		24.00	0.9449	185	282	1	319.78
DR20061	61/64		0.9531	6-3/8	11"	1	141.45
DR48425		24.25	0.9547	185	282	1	487.34
DR48450		24.50	0.9646	185	282	1	413.05
DR20062	31/32		0.9688	6-3/8	11"	1	121.26
DR48475		24.75	0.9744	185	282	1	498.32
DR48500		25.00	0.9843	185	282	1	228.18
DR20063	63/64		0.9844	6-3/8	11"	1	147.46
DR20100	1"		1.0000	6-3/8	11"	1	130.37
DR20101	1-1/64		1.0156	6-1/2	11-1/8	1	194.35
DR48600		26.00	1.0236	190	290	1	260.15
DR20102	1-1/32		1.0312	6-1/2	11-1/8	1	159.31
DR20103	1-3/64		1.0469	6-5/8	11-1/4	1	201.00
DR20104	1-1/16		1.0625	6-1/2	11-1/4	1	163.35
DR48700		27.00	1.0630	195	298	1	307.77
DR20105	1-5/64		1.0781	6-7/8	11-1/2	1	215.64
DR20106	1-3/32		1.0938	6-7/8	11-1/2	1	173.44
DR48800		28.00	1.1024	195	298	1	278.47
DR20107	1-7/64		1.1094	7-1/8	11-3/4	1	223.61
DR20108	1-1/8		1.1250	7-1/8	11-3/4	1	163.35
DR20109	1-9/64		1.1406	7-1/4	11-7/8	1	225.27
DR48900		29.00	1.1417	201	307	1	333.44
DR20110	1-5/32		1.1562	7-1/4	11-7/8	1	193.59
DR20111	1-11/64		1.1719	7-3/8	12"	1	242.55
DR48990		30.00	1.1811	201	307	1	326.08
DR20112	1-3/16		1.1875	7-3/8	12"	1	195.59
DR20113	1-13/64		1.2031	7-1/2	12-1/8	1	249.79
DR20114	1-7/32		1.2188	7-1/2	12-1/8	1	229.88
DR20115	1-15/64		1.2344	7-7/8	12-1/2	1	259.80
DR20116	1-1/4		1.2500	7-7/8	12-1/2	1	207.71
DR20118	1-9/32		1.2812	8-1/2	14-1/8	1	275.14
DR20120	1-5/16		1.3125	8-5/8	14-1/4	1	260.15
DR20122	1-11/32		1.3438	8-3/4	14-3/8	1	304.76
DR20124	1-3/8		1.3750	8-7/8	14-1/2	1	296.43
DR20126	1-13/32		1.4062	9"	14-5/8	1	331.84
DR20128	1-7/16		1.4375	9-1/8	14-3/4	1	326.70
DR20130	1-15/32		1.4688	9-1/4	14-7/8	1	360.61
DR20132	1-1/2		1.5000	9-3/8	15"	1	330.70
DR20136	1-9/16		1.5625	9-5/8	15-1/4	1	434.34
DR20140	1-5/8		1.6250	9-7/8	15-5/8	1	490.41
DR20144	1-11/16		1.6875	10-1/8	16"	1	566.52
DR20148	1-3/4		1.7500	10-1/2	16-1/4	1	590.96
DR20152	1-13/16		1.8125	10-1/2	16-1/4	1	704.99
DR20156	1-7/8		1.8700	10-5/8	16-1/4	1	772.54
DR20160	1-15/16		1.9375	10-3/4	16-5/8	1	798.05
DR20200	2"		2.0000	10-3/4	17-1/4	1	813.65



**TAPER LENGTH DRILLS - COBALT - STRAIGHT SHANK**  
**FORETS A QUEUE CYLINDRIQUE - SERIE LONGUE - COBALT**

**DR29**



**LONG SERIES**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR29260		60	0.0400	1-1/8	2-1/4	1	26.25
DR29259		59	0.0410	1-1/8	2-1/4	1	26.25
DR29258		58	0.0420	1-1/8	2-1/4	1	26.25
DR29257		57	0.0430	1-1/8	2-1/4	1	26.25
DR29256		56	0.0455	1-1/8	2-1/4	1	26.25
DR29255		55	0.0520	1-3/4	3"	1	26.25
DR29254		54	0.0550	1-3/4	3"	1	26.25
DR29253		53	0.0595	1-3/4	3"	1	26.25
DR29004	1/16		0.0625	1-3/4	3"	1	14.55
DR29252		52	0.0635	2"	3-3/4	1	26.25
DR29251		51	0.0670	2"	3-3/4	1	26.25
DR29250		50	0.0700	2"	3-3/4	1	26.25
DR29249		49	0.0730	2"	3-3/4	1	26.25
DR29248		48	0.0760	2"	3-3/4	1	26.25
DR29005	5/64		0.0781	2"	3-3/4	1	16.97
DR29247		47	0.0785	2-1/4	4-1/4	1	27.72
DR29246		46	0.0810	2-1/4	4-1/4	1	27.72
DR29245		45	0.0820	2-1/4	4-1/4	1	27.72
DR29244		44	0.0850	2-1/4	4-1/4	1	27.72
DR29243		43	0.0890	2-1/4	4-1/4	1	27.72
DR29242		42	0.0935	2-1/4	4-1/4	1	27.72
DR29006	3/32		0.0938	2-1/4	4-1/4	1	19.91
DR29241		41	0.0960	2-1/2	4-5/8	1	30.03
DR29240		40	0.0980	2-1/2	4-5/8	1	30.03
DR29239		39	0.0995	2-1/2	4-5/8	1	30.03
DR29238		38	0.1015	2-1/2	4-5/8	1	30.03
DR29237		37	0.1040	2-1/2	4-5/8	1	30.03
DR29236		36	0.1065	2-1/2	4-5/8	1	30.03
DR29007	7/64		0.1094	2-1/2	4-5/8	1	25.56
DR29235		35	0.1100	2-3/4	5-1/8	1	30.89
DR29234		34	0.1110	2-3/4	5-1/8	1	30.89
DR29233		33	0.1130	2-3/4	5-1/8	1	30.89
DR29232		32	0.1160	2-3/4	5-1/8	1	30.89
DR29231		31	0.1200	2-3/4	5-1/8	1	30.89
DR29008	1/8		0.1250	2-3/4	5-1/8	1	25.26
DR29230		30	0.1285	3"	5-3/8	1	33.29
DR29229		29	0.1360	3"	5-3/8	1	33.29
DR29228		28	0.1405	3"	5-3/8	1	33.29
DR29009	9/64		0.1406	3"	5-3/8	1	31.02
DR29227		27	0.1440	3"	5-3/8	1	37.55
DR29226		26	0.1470	3"	5-3/8	1	37.55
DR29225		25	0.1495	3"	5-3/8	1	37.55
DR29224		24	0.1520	3"	5-3/8	1	37.55
DR29223		23	0.1540	3"	5-3/8	1	37.55
DR29010	5/32		0.1562	3"	5-3/8	1	31.33
DR29222		22	0.1570	3-3/8	5-3/4	1	37.55
DR29221		21	0.1590	3-3/8	5-3/4	1	37.55
DR29220		20	0.1610	3-3/8	5-3/4	1	37.55
DR29219		19	0.1660	3-3/8	5-3/4	1	37.55
DR29218		18	0.1695	3-3/8	5-3/4	1	37.55

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR29011	11/64		0.1719	3-3/8	5-3/4	1	31.33
DR29217		17	0.1730	3-3/8	5-3/4	1	37.55
DR29216		16	0.1770	3-3/8	5-3/4	1	37.55
DR29215		15	0.1800	3-3/8	5-3/4	1	37.55
DR29214		14	0.1820	3-3/8	5-3/4	1	37.55
DR29213		13	0.1850	3-3/8	5-3/4	1	37.55
DR29012	3/16		0.1875	3-3/8	5-3/4	1	30.72
DR29212		12	0.1890	3-5/8	6"	1	41.12
DR29211		11	0.1910	3-5/8	6"	1	41.12
DR29210		10	0.1935	3-5/8	6"	1	41.12
DR29209		9	0.1960	3-5/8	6"	1	41.12
DR29208		8	0.1990	3-5/8	6"	1	41.12
DR29207		7	0.2010	3-5/8	6"	1	41.12
DR29013	13/64		0.2031	3-5/8	6"	1	36.58
DR29206		6	0.2040	3-5/8	6"	1	41.12
DR29205		5	0.2055	3-5/8	6"	1	41.12
DR29204		4	0.2090	3-5/8	6"	1	41.12
DR29203		3	0.2130	3-5/8	6"	1	41.12
DR29014	7/32		0.2188	3-5/8	6"	1	35.91
DR29202		2	0.2210	3-3/4	6-1/8	1	41.12
DR29201		1	0.2260	3-3/4	6-1/8	1	41.12
DR29101		A	0.2340	3-3/4	6-1/8	1	46.77
DR29015	15/64		0.2344	3-3/4	6-1/8	1	37.93
DR29102		B	0.2380	3-3/4	6-1/8	1	46.77
DR29103		C	0.2420	3-3/4	6-1/8	1	46.77
DR29104		D	0.2460	3-3/4	6-1/8	1	46.77
DR29016	1/4		0.2500	3-3/4	6-1/8	1	35.89
DR29106		F	0.2570	3-7/8	6-1/4	1	55.65
DR29107		G	0.2610	3-7/8	6-1/4	1	55.65
DR29017	17/64		0.2656	3-7/8	6-1/4	1	46.85
DR29108		H	0.2660	3-7/8	6-1/4	1	55.65
DR29109		I	0.2720	3-7/8	6-1/4	1	55.65
DR29110		J	0.2770	3-7/8	6-1/4	1	55.65
DR29111		K	0.2810	3-7/8	6-1/4	1	55.65
DR29018	9/32		0.2812	3-7/8	6-1/4	1	44.33
DR29112		L	0.2900	4"	6-3/8	1	55.65
DR29113		M	0.2950	4"	6-3/8	1	55.65
DR29019	19/64		0.2969	4"	6-3/8	1	46.85
DR29114		N	0.3020	4"	6-3/8	1	55.65
DR29020	5/16		0.3125	4"	6-3/8	1	44.33
DR29115		O	0.3160	4-1/8	6-1/2	1	61.15
DR29116		P	0.3230	4-1/8	6-1/2	1	61.15
DR29021	21/64		0.3281	4-1/8	6-1/2	1	53.91
DR29117		Q	0.3320	4-1/8	6-1/2	1	61.15
DR29118		R	0.3390	4-1/8	6-1/2	1	61.15
DR29022	11/32		0.3438	4-1/8	6-1/2	1	51.95
DR29119		S	0.3480	4-1/4	6-3/4	1	75.39
DR29120		T	0.3560	4-1/4	6-3/4	1	75.39
DR29023	23/64		0.3594	4-1/4	6-3/4	1	63.53
DR29121		U	0.3680	4-1/4	6-3/4	1	75.39

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

**TAPER LENGTH DRILLS - COBALT - STRAIGHT SHANK**  
**FORETS A QUEUE CYLINDRIQUE - SERIE LONGUE - COBALT**

**DR29**



**LONG SERIES**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR29024	3/8		0.3750	4-1/4	6-3/4	1	58.95
DR29122		V	0.3770	4-3/8	7"	1	77.95
DR29123		W	0.3860	4-3/8	7"	1	77.95
DR29025	25/64		0.3906	4-3/8	7"	1	66.02
DR29124		X	0.3970	4-3/8	7"	1	77.95
DR29125		Y	0.4040	4-3/8	7"	1	77.95
DR29026	13/32		0.4062	4-3/8	7"	1	63.67
DR29126		Z	0.4130	4-5/8	7-1/4	1	83.79
DR29027	27/64		0.4219	4-5/8	7-1/4	1	71.63
DR29028	7/16		0.4375	4-5/8	7-1/4	1	69.15
DR29029	29/64		0.4531	4-3/4	7-1/2	1	81.17
DR29030	15/32		0.4688	4-3/4	7-1/2	1	82.64
DR29031	31/64		0.4844	4-3/4	7-1/2	1	89.82
DR29032	1/2		0.5000	4-3/4	7-3/4	1	85.01
DR29033	33/64		0.5156	4-3/4	8"	1	116.45
DR29034	17/32		0.5312	4-3/4	8"	1	112.29
DR29035	35/64		0.5469	4-7/8	8-1/4	1	125.83
DR29036	9/16		0.5625	4-7/8	8-1/4	1	121.32
DR29037	37/64		0.5781	4-7/8	8-3/4	1	146.90
DR29038	19/32		0.5938	4-7/8	8-3/4	1	141.62
DR29039	39/64		0.6094	4-7/8	8-3/4	1	146.90
DR29040	5/8		0.6250	4-7/8	8-3/4	1	141.62
DR29041	41/64		0.6406	5-1/8	9"	1	165.02

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR29042	21/32		0.6562	5-1/8	9"	1	156.24
DR29043	43/64		0.6719	5-3/8	9-1/4	1	180.50
DR29044	11/16		0.6875	5-3/8	9-1/4	1	182.78
DR29045	45/64		0.7031	5-5/8	9-1/2	1	207.44
DR29046	23/32		0.7188	5-5/8	9-1/2	1	199.98
DR29047	47/64		0.7344	5-7/8	9-3/4	1	219.51
DR29048	3/4		0.7500	5-7/8	9-3/4	1	211.70
DR29049	49/64		0.7656	6"	9-7/8	1	258.47
DR29050	25/32		0.7813	6"	9-7/8	1	249.25
DR29051	51/64		0.7969	6-1/8	10"	1	282.98
DR29052	13/16		0.8125	6-1/8	10"	1	267.90
DR29053	53/64		0.8281	6-1/8	10"	1	287.55
DR29054	27/32		0.8438	6-1/8	10"	1	277.28
DR29055	55/64		0.8594	6-1/8	10"	1	302.13
DR29056	7/8		0.8750	6-1/8	10"	1	320.57
DR29057	57/64		0.8906	6-1/8	10"	1	291.35
DR29058	29/32		0.9063	6-1/8	10"	1	303.53
DR29059	59/64		0.9219	6-1/8	10-3/4	1	348.79
DR29060	15/16		0.9375	6-1/8	10-3/4	1	330.25
DR29061	61/64		0.9531	6-3/8	11"	1	385.01
DR29062	31/32		0.9688	6-3/8	11"	1	364.54
DR29063	63/64		0.9844	6-3/8	11"	1	394.02
DR29100	1"		1.0000	6-3/8	11"	1	379.95

**EXTRA LONG DRILLS - STRAIGHT SHANK**  
**FORETS A QUEUE CYLINDRIQUE - ULTRA LONGUE**

**DR40**



**EXTRA LONG**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40204	1/16		0.0625	4"	6"	1	30.36
DR40218		1.80	0.0709	3-15/16	6"	1	40.55
DR40205	5/64		0.0781	4"	6"	1	26.06
DR40120		2.00	0.0787	3-9/64	5"	1	19.04
DR40220		2.00	0.0787	3-15/16	6"	1	24.16
DR40222		2.20	0.0866	3-15/16	6"	1	33.35
DR40106	3/32		0.0938	3-9/64	5"	1	18.27
DR40206	3/32		0.0938	4"	6"	1	22.41
DR40306	3/32		0.0938	5-1/2	8"	1	41.69
DR40125		2.50	0.0984	3-9/64	5"	1	16.15
DR40225		2.50	0.0984	3-15/16	6"	1	20.78
DR40207	7/64		0.1094	4"	6"	1	20.78
DR40307	7/64		0.1094	5-1/2	8"	1	30.58
DR40507	7/64		0.1094	9"	12"	1	56.19
DR40230		3.00	0.1181	3-15/16	6"	1	20.10
DR40333		3.00	0.1181	5-1/2	8"	1	37.79
DR40433		3.00	0.1181	7-1/2	10"	1	47.33
DR40573		3.00	0.1181	9"	12"	1	59.66

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40208	1/8		0.1250	4"	6"	1	18.57
DR40308	1/8		0.1250	5-1/2	8"	1	29.25
DR40408	1/8		0.1250	7-1/2	10"	1	46.81
DR40508	1/8		0.1250	9"	12"	1	56.19
DR40808	1/8		0.1250	12"	18"	1	61.81
DR40233		3.30	0.1299	3-15/16	6"	1	19.72
DR40235		3.50	0.1378	3-15/16	6"	1	19.04
DR40335		3.50	0.1378	5-29/32	8"	1	23.86
DR40435		3.50	0.1378	7-7/8	10"	1	44.61
DR40209	9/64		0.1406	4"	6"	1	24.30
DR40309	9/64		0.1406	5-1/2	8"	1	33.06
DR40409	9/64		0.1406	7-1/2	10"	1	46.42
DR40509	9/64		0.1406	9"	12"	1	56.29
DR40237		3.70	0.1457	3-15/16	6"	1	28.95
DR40210	5/32		0.1562	4"	6"	1	24.69
DR40310	5/32		0.1562	5-1/2	8"	1	33.13
DR40410	5/32		0.1563	7-1/2	10"	1	46.03
DR40510	5/32		0.1563	9"	12"	1	56.40
DR40810	5/32		0.1562	12"	18"	1	62.03



**EXTRA LONG DRILLS - STRAIGHT SHANK  
FORETS A QUEUE CYLINDRIQUE - ULTRA LONGUE**

**DR40**



**EXTRA LONG**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40240		4.00	0.1575	3-15/16	6"	1	20.10
DR40340		4.00	0.1575	5-29/32	8"	1	24.53
DR40440		4.00	0.1575	7-7/8	10"	1	31.02
DR40574		4.00	0.1575	9"	12"	1	63.83
DR40211	11/64		0.1719	4"	6"	1	25.25
DR40311	11/64		0.1719	5-1/2	8"	1	35.04
DR40411	11/64		0.1719	7-1/2	10"	1	45.97
DR40511	11/64		0.1719	9"	12"	1	56.50
DR40245		4.50	0.1772	3-15/16	6"	1	21.14
DR40345		4.50	0.1772	5-29/32	8"	1	26.58
DR40445		4.50	0.1772	7-7/8	10"	1	49.37
DR40212	3/16		0.1875	4"	6"	1	26.15
DR40312	3/16		0.1875	5-1/2	8"	1	35.90
DR40412	3/16		0.1875	7-1/2	10"	1	45.85
DR40512	3/16		0.1875	9"	12"	1	56.60
DR40612	3/16		0.1875	11"	15"	1	59.43
DR40812	3/16		0.1875	12"	18"	1	62.26
DR40250		5.00	0.1968	3-15/16	6"	1	22.12
DR40350		5.00	0.1968	5-29/32	8"	1	27.93
DR40450		5.00	0.1968	7-7/8	10"	1	35.06
DR40575		5.00	0.1969	9"	12"	1	68.30
DR40313	13/64		0.2031	5-1/2	8"	1	37.76
DR40413	13/64		0.2031	7-1/2	10"	1	43.77
DR40513	13/64		0.2031	9"	12"	1	58.50
DR40613	13/64		0.2031	12"	18"	1	64.34
DR40355		5.50	0.2165	5-29/32	8"	1	29.66
DR40455		5.50	0.2165	7-7/8	10"	1	55.56
DR40314	7/32		0.2188	5-1/2	8"	1	38.22
DR40414	7/32		0.2188	7-1/2	10"	1	42.67
DR40514	7/32		0.2188	9"	12"	1	60.39
DR40714	7/32		0.2188	11"	15"	1	63.41
DR40814	7/32		0.2188	12"	18"	1	66.43
DR40315	15/64		0.2344	5-1/2	8"	1	39.48
DR40415	15/64		0.2344	7-1/2	10"	1	45.67
DR40515	15/64		0.2344	9"	12"	1	62.29
DR40615	15/64		0.2344	12"	18"	1	68.51
DR40360		6.00	0.2362	5-29/32	8"	1	33.73
DR40460		6.00	0.2362	7-7/8	10"	1	42.21
DR40576		6.00	0.2362	9"	12"	1	73.08
DR40316	1/4		0.2500	5-1/2	8"	1	38.12
DR40416	1/4		0.2500	7-1/2	10"	1	52.51
DR40516	1/4		0.2500	9"	12"	1	64.18
DR40616	1/4		0.2500	11"	15"	1	67.39
DR40816	1/4		0.2500	12"	18"	1	70.60
DR40975	1/4		0.2500	18"	24"	1	126.61
DR40990	1/4		0.2500	5-1/2	48"	1	119.90
DR40365		6.50	0.2559	5-29/32	8"	1	35.45
DR40465		6.50	0.2559	7-7/8	10"	1	66.39
DR40317	17/64		0.2656	5-1/2	8"	1	40.18
DR40417	17/64		0.2656	7-1/2	10"	1	55.12
DR40517	17/64		0.2656	9"	12"	1	66.95
DR40817	17/64		0.2656	12"	18"	1	73.65

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40370		7.00	0.2756	5-29/32	8"	1	37.47
DR40470		7.00	0.2756	7-7/8	10"	1	46.97
DR40577		7.00	0.2756	9"	12"	1	78.20
DR40318	9/32		0.2812	5-1/2	8"	1	47.30
DR40418	9/32		0.2812	7-1/2	10"	1	57.73
DR40518	9/32		0.2813	9"	12"	1	69.73
DR40718	9/32		0.2813	11"	15"	1	73.21
DR40818	9/32		0.2813	12"	18"	1	76.70
DR40375		7.50	0.2953	5-29/32	8"	1	42.59
DR40475		7.50	0.2953	7-7/8	10"	1	53.14
DR40319	19/64		0.2969	5-1/2	8"	1	49.75
DR40419	19/64		0.2969	7-1/2	10"	1	60.33
DR40519	19/64		0.2969	9"	12"	1	72.50
DR40619	19/64		0.2969	12"	18"	1	79.75
DR40320	5/16		0.3125	5-1/2	8"	1	50.49
DR40420	5/16		0.3125	7-1/2	10"	1	62.94
DR40520	5/16		0.3125	9"	12"	1	76.27
DR40620	5/16		0.3125	11"	15"	1	79.03
DR40820	5/16		0.3125	12"	18"	1	82.80
DR40976	5/16		0.3125	18"	24"	1	130.24
DR40991	5/16		0.3125	5-1/2	48"	1	130.36
DR40480		8.00	0.3150	7-7/8	10"	1	56.51
DR40578		8.00	0.3150	9"	12"	1	83.67
DR40321	21/64		0.3281	5-1/2	8"	1	54.32
DR40421	21/64		0.3281	7-1/2	10"	1	64.79
DR40521	21/64		0.3281	9"	12"	1	78.12
DR40821	21/64		0.3281	12"	18"	1	85.93
DR40485		8.50	0.3346	7-7/8	10"	1	63.67
DR40322	11/32		0.3438	5-1/2	8"	1	55.69
DR40422	11/32		0.3438	7-1/2	10"	1	66.65
DR40522	11/32		0.3438	9"	12"	1	80.97
DR40722	11/32		0.3438	11"	15"	1	85.01
DR40822	11/32		0.3438	12"	18"	1	89.06
DR40490		9.00	0.3543	7-7/8	10"	1	67.11
DR40579		9.00	0.3543	9"	12"	1	89.53
DR40323	23/64		0.3594	5-1/2	8"	1	57.45
DR40423	23/64		0.3594	7-1/2	10"	1	68.50
DR40523	23/64		0.3594	9"	12"	1	83.81
DR40823	23/64		0.3594	12"	18"	1	92.19
DR40491		9.50	0.3740	7-7/8	10"	1	75.58
DR40324	3/8		0.3750	5-1/2	8"	1	58.60
DR40424	3/8		0.3750	7-1/2	10"	1	70.35
DR40524	3/8		0.3750	9"	12"	1	86.66
DR40624	3/8		0.3750	11"	15"	1	90.99
DR40824	3/8		0.3750	12"	18"	1	95.33
DR40577	3/8		0.3750	18"	24"	1	133.31
DR40992	3/8		0.3750	5-1/2	48"	1	147.62
DR40325	25/64		0.3906	5-1/2	8"	1	59.85
DR40425	25/64		0.3906	7-1/2	10"	1	75.35
DR40525	25/64		0.3906	9"	12"	1	91.71
DR40825	25/64		0.3906	12"	18"	1	100.88

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

**EXTRA LONG DRILLS - STRAIGHT SHANK**  
**FORETS A QUEUE CYLINDRIQUE - ULTRA LONGUE**

**DR40**



**EXTRA LONG**

**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40482		10.00	0.3937	7-1/2	10"	1	79.39
DR40592		10.00	0.3937	9"	12"	1	95.80
DR40326	13/32		0.4062	5-1/2	8"	1	63.69
DR40426	13/32		0.4062	7-1/2	10"	1	80.36
DR40526	13/32		0.4062	9"	12"	1	96.75
DR40726	13/32		0.4062	11"	15"	1	101.59
DR40826	13/32		0.4062	12"	18"	1	108.43
DR40493		10.50	0.4134	7-1/2	10"	1	88.52
DR40581		10.50	0.4134	9"	12"	1	102.50
DR40327	27/64		0.4219	5-1/2	8"	1	66.52
DR40427	27/64		0.4219	7-1/2	10"	1	85.36
DR40527	27/64		0.4219	9"	12"	1	101.80
DR40827	27/64		0.4219	12"	18"	1	111.97
DR40494		11.00	0.4331	7-1/2	10"	1	91.91
DR40582		11.00	0.4331	9"	12"	1	108.68
DR40328	7/16		0.4375	5-1/2	8"	1	74.11
DR40428	7/16		0.4375	7-1/2	10"	1	90.36
DR40528	7/16		0.4375	9"	12"	1	108.84
DR40628	7/16		0.4375	11"	15"	1	112.18
DR40828	7/16		0.4375	12"	18"	1	117.52
DR40978	7/16		0.4375	18"	24"	1	155.77
DR40993	7/16		0.4375	5-1/2	48"	1	161.56
DR40329	29/64		0.4531	5-1/2	8"	1	75.15
DR40429	29/64		0.4531	7-1/2	10"	1	91.47
DR40529	29/64		0.4531	9"	12"	1	110.39
DR40729	29/64		0.4531	11"	15"	1	115.91
DR40829	29/64		0.4531	12"	18"	1	121.43
DR40330	15/32		0.4688	5-1/2	8"	1	77.79
DR40430	15/32		0.4688	7-1/2	10"	1	92.58
DR40530	15/32		0.4688	9"	12"	1	113.95
DR40730	15/32		0.4688	11"	15"	1	119.64
DR40830	15/32		0.4688	12"	18"	1	125.34
DR40495		12.00	0.4724	7-1/2	10"	1	93.53
DR40595		12.00	0.4724	9"	12"	1	133.81
DR40331	31/64		0.4844	5-1/2	8"	1	78.67
DR40431	31/64		0.4844	7-1/2	10"	1	93.68
DR40531	31/64		0.4844	9"	12"	1	117.50
DR40831	31/64		0.4844	12"	18"	1	129.25
DR40332	1/2		0.5000	5-1/2	8"	1	79.74
DR40432	1/2		0.5000	7-1/2	10"	1	94.79
DR40532	1/2		0.5000	9"	12"	1	121.05
DR40632	1/2		0.5000	11"	15"	1	127.10
DR40832	1/2		0.5000	12"	18"	1	133.16
DR40979	1/2		0.5000	18"	24"	1	180.23
DR40994	1/2		0.5000	5-1/2	48"	1	177.16
DR40596		13.00	0.5118	9"	12"	1	162.74
DR40533	33/64		0.5156	9"	12"	1	122.26
DR40901	33/64*		0.5156	9"	12"	1	122.26
DR40833	33/64		0.5156	12"	18"	1	134.49
DR40940	33/64*		0.5156	12"	18"	1	147.94

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40434	17/32		0.5312	7-1/2	10"	1	96.57
DR40534	17/32		0.5312	9"	12"	1	123.48
DR40902	17/32*		0.5312	9"	12"	1	123.48
DR40734	17/32		0.5312	11"	15"	1	129.66
DR40834	17/32		0.5312	12"	18"	1	135.83
DR40941	17/32*		0.5312	12"	18"	1	149.41
DR40583		13.80	0.5433	9"	12"	1	174.18
DR40535	35/64		0.5469	9"	12"	1	124.72
DR40903	35/64*		0.5469	9"	12"	1	124.72
DR40835	35/64		0.5469	12"	18"	1	137.19
DR40942	35/64*		0.5469	12"	18"	1	150.91
DR40597		14.00	0.5512	9"	12"	1	185.61
DR40436	9/16		0.5625	7-1/2	10"	1	97.10
DR40536	9/16		0.5625	9"	12"	1	125.97
DR40904	9/16*		0.5625	9"	12"	1	125.97
DR40736	9/16		0.5625	11"	15"	1	132.26
DR40836	9/16		0.5625	12"	18"	1	138.56
DR40943	9/16*		0.5625	12"	18"	1	152.42
DR40980	9/16		0.5625	18"	24"	1	240.90
DR40537	37/64		0.5781	9"	12"	1	127.22
DR40905	37/64*		0.5781	9"	12"	1	127.22
DR40837	37/64		0.5781	12"	18"	1	139.95
DR40944	37/64*		0.5781	12"	18"	1	153.94
DR40584		15.00	0.5906	9"	12"	1	191.18
DR40538	19/32		0.5938	9"	12"	1	128.50
DR40906	19/32*		0.5938	9"	12"	1	128.50
DR40738	19/32		0.5938	11"	15"	1	134.92
DR40838	19/32		0.5938	12"	18"	1	141.35
DR40945	19/32*		0.5938	12"	18"	1	155.48
DR40539	39/64		0.6094	9"	12"	1	129.78
DR40907	39/64*		0.6094	9"	12"	1	129.78
DR40839	39/64		0.6094	12"	18"	1	142.76
DR40946	39/64*		0.6094	12"	18"	1	157.04
DR40540	5/8		0.6250	9"	12"	1	131.08
DR40908	5/8*		0.6250	9"	12"	1	131.08
DR40740	5/8		0.6250	11"	15"	1	137.63
DR40840	5/8		0.6250	12"	18"	1	144.19
DR40947	5/8*		0.6250	12"	18"	1	158.61
DR40981	5/8		0.6250	18"	24"	1	262.27
DR40995	5/8		0.6250	5-1/2	48"	1	249.42
DR40585		16.00	0.6299	9"	12"	1	196.91
DR40541	41/64		0.6406	9"	12"	1	132.39
DR40909	41/64*		0.6406	9"	12"	1	132.39
DR40841	41/64		0.6406	12"	18"	1	145.63
DR40948	41/64*		0.6406	12"	18"	1	160.19
DR40542	21/32		0.6562	9"	12"	1	133.71
DR40910	21/32*		0.6562	9"	12"	1	133.71
DR40742	21/32		0.6562	11"	15"	1	140.40
DR40842	21/32		0.6562	12"	18"	1	147.09
DR40949	21/32*		0.6562	12"	18"	1	161.79
DR40586		17.00	0.6893	9"	12"	1	202.82

\* SIZES TAGGED WITH AN ASTERIX HAVE A 1/2" REDUCED SHANK

\* = QUEUE REDUIT A 1/2"



EXTRA LONG DRILLS - STRAIGHT SHANK  
FORETS A QUEUE CYLINDRIQUE - ULTRA LONGUE

DR40



EXTRA LONG

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40543	43/64		0.6719	9"	12"	1	135.05
DR40911	43/64*		0.6719	9"	12"	1	135.05
DR40843	43/64		0.6719	12"	18"	1	148.58
DR40950	43/64*		0.6719	12"	18"	1	163.41
DR40544	11/16		0.6875	9"	12"	1	136.40
DR40912	11/16*		0.6875	9"	12"	1	136.40
DR40744	11/16		0.6875	11"	15"	1	143.22
DR40844	11/16		0.6875	12"	18"	1	150.04
DR40951	11/16*		0.6875	12"	18"	1	185.05
DR40982	11/16		0.6875	18"	24"	1	306.10
DR40587		17.50	0.6890	9"	12"	1	208.91
DR40545	45/64		0.7031	9"	12"	1	137.77
DR40913	45/64*		0.7031	9"	12"	1	137.77
DR40845	45/64		0.7031	12"	18"	1	151.54
DR40952	45/64*		0.7031	12"	18"	1	166.70
DR40546	23/32		0.7188	9"	12"	1	139.14
DR40914	23/32*		0.7188	9"	12"	1	139.14
DR40746	23/32		0.7188	11"	15"	1	153.50
DR40846	23/32		0.7188	12"	18"	1	153.06
DR40953	23/32*		0.7188	12"	18"	1	168.36
DR40547	47/64		0.7344	9"	12"	1	140.54
DR40915	47/64*		0.7344	9"	12"	1	140.54
DR40847	47/64		0.7344	12"	18"	1	154.59
DR40954	47/64*		0.7344	12"	18"	1	170.05
DR40548	3/4		0.7500	9"	12"	1	141.94
DR40916	3/4*		0.7500	9"	12"	1	141.94
DR40748	3/4		0.7500	11"	15"	1	158.80
DR40848	3/4		0.7500	12"	18"	1	156.13
DR40955	3/4*		0.7500	12"	18"	1	171.75
DR40983	3/4		0.7500	18"	24"	1	353.19
DR40986	3/4		0.7500	5-1/2"	48"	1	341.96
DR40549	49/64		0.7656	9"	12"	1	143.36
DR40917	49/64*		0.7656	9"	12"	1	143.36
DR40849	49/64		0.7656	12"	18"	1	157.70
DR40956	49/64*		0.7656	12"	18"	1	173.47
DR40550	25/32		0.7812	9"	12"	1	144.79
DR40918	25/32*		0.7812	9"	12"	1	144.79
DR40750	25/32		0.7812	11"	15"	1	179.05
DR40850	25/32		0.7812	12"	18"	1	159.27
DR40957	25/32*		0.7812	12"	18"	1	175.20
DR40984	25/32		0.7812	18"	24"	1	369.50
DR40588		20.00	0.7874	9"	12"	1	250.89
DR40551	51/64		0.7969	9"	12"	1	150.64
DR40919	51/64*		0.7969	9"	12"	1	150.64
DR40851	51/64		0.7969	12"	18"	1	185.71
DR40958	51/64*		0.7969	12"	18"	1	182.28
DR40552	13/16		0.8125	9"	12"	1	147.69
DR40920	13/16*		0.8125	9"	12"	1	147.69
DR40752	13/16		0.8125	11"	15"	1	196.26
DR40852	13/16		0.8125	12"	18"	1	162.46
DR40959	13/16*		0.8125	12"	18"	1	178.70
DR40986	13/16		0.8125	18"	24"	1	378.55

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40553	53/64		0.8281	9"	12"	1	169.26
DR40921	53/64*		0.8281	9"	12"	1	169.26
DR40853	53/64		0.8281	12"	18"	1	186.19
DR40960	53/64*		0.8281	12"	18"	1	204.81
DR40554	27/32		0.8438	9"	12"	1	159.68
DR40922	27/32*		0.8438	9"	12"	1	159.68
DR40854	27/32		0.8438	12"	18"	1	175.65
DR40961	27/32*		0.8438	12"	18"	1	193.22
DR40987	27/32		0.8438	18"	24"	1	397.58
DR40555	55/64		0.8594	9"	12"	1	179.42
DR40923	55/64*		0.8594	9"	12"	1	179.42
DR40855	55/64		0.8594	12"	18"	1	197.36
DR40962	55/64*		0.8594	12"	18"	1	217.10
DR40556	7/8		0.8750	9"	12"	1	190.18
DR40924	7/8*		0.8750	9"	12"	1	190.18
DR40756	7/8		0.8750	11"	15"	1	203.40
DR40856	7/8		0.8750	12"	18"	1	209.20
DR40963	7/8*		0.8750	12"	18"	1	230.12
DR40968	7/8		0.8750	18"	24"	1	407.53
DR40569		22.50	0.8856	9"	12"	1	333.90
DR40557	57/64		0.8906	9"	12"	1	201.59
DR40925	57/64*		0.8906	9"	12"	1	201.59
DR40857	57/64		0.8906	12"	18"	1	221.75
DR40964	57/64*		0.8906	12"	18"	1	243.93
DR40558	29/32		0.9062	9"	12"	1	213.69
DR40926	29/32*		0.9062	9"	12"	1	213.69
DR40858	29/32		0.9062	12"	18"	1	235.06
DR40965	29/32*		0.9062	12"	18"	1	258.57
DR40559	59/64		0.9219	9"	12"	1	226.51
DR40927	59/64*		0.9219	9"	12"	1	226.51
DR40859	59/64		0.9219	12"	18"	1	249.16
DR40966	59/64*		0.9219	12"	18"	1	274.08
DR40560	15/16		0.9375	9"	12"	1	240.10
DR40928	15/16*		0.9375	9"	12"	1	240.10
DR40760	15/16		0.9375	11"	15"	1	252.11
DR40860	15/16		0.9375	12"	18"	1	264.11
DR40967	15/16*		0.9375	12"	18"	1	290.52
DR40997	15/16		0.9375	18"	24"	1	425.64
DR40561	61/64		0.9531	9"	12"	1	254.51
DR40929	61/64*		0.9531	9"	12"	1	254.51
DR40861	61/64		0.9531	12"	18"	1	279.96
DR40968	61/64*		0.9531	12"	18"	1	307.96
DR40562	31/32		0.9688	9"	12"	1	269.78
DR40930	31/32*		0.9688	9"	12"	1	269.78
DR40862	31/32		0.9688	12"	18"	1	296.76
DR40969	31/32*		0.9688	12"	18"	1	326.43
DR40563	63/64		0.9844	9"	12"	1	285.97
DR40931	63/64*		0.9844	9"	12"	1	285.97
DR40863	63/64		0.9844	12"	18"	1	314.56
DR40970	63/64*		0.9844	12"	18"	1	346.02

\* SIZES TAGGED WITH AN ASTERIX HAVE A 1/2" REDUCED SHANK

\* = QUEUE REDUIT A 1/2"

**EXTRA LONG DRILLS - STRAIGHT SHANK  
FORETS A QUEUE CYLINDRIQUE - ULTRA LONGUE**

**DR40**



**EXTRA LONG**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA	CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR40564	1"		1.0000	9"	12"	1	303.12	DR40872	1-1/8		1.1250	12"	18"	1	343.44
DR40532	1"		1.0000	9"	12"	1	303.12	DR40999	1-1/8		1.1250	18"	24"	1	485.42
DR40764	1"		1.0000	11"	15"	1	318.28	DR40876	1-3/16		1.1875	12"	18"	1	353.74
DR40864	1"		1.0000	12"	18"	1	333.44	DR40939	1-3/16		1.1875	18"	24"	1	541.56
DR40971	1"		1.0000	12"	18"	1	366.78	DR40880	1-1/4		1.2500	12"	18"	1	364.35
DR40996	1"		1.0000	18"	24"	1	452.81	DR40985	1-1/4		1.2500	18"	24"	1	651.15

\*SIZES TAGGED WITH AN ASTERIX HAVE A 1/2" REDUCED SHANK

\*A QUEUE REDUIT A 1/2"

**PARABOLIC FLUTE DEEP HOLE DRILLS - STRAIGHT SHANK - OM100L  
FORETS PARABOLIQUE - ULTRA LONGUE - OM100L**

**DR41**



**OM100L**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA	CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR41630		3.00	0.1181	100	160	1	28.48	DR41650		5.00	0.1968	100	16C	1	35.29
DR41631		3.00	0.1181	150	200	1	33.30	DR41651		5.00	0.1968	150	20C	1	35.29
DR41632		3.00	0.1181	200	250	1	29.62	DR41652		5.00	0.1968	200	25C	1	42.01
DR41122	1/8		0.1250	100	160	1	26.65	DR41653		5.00	0.1968	250	31E	1	124.63
DR41123	1/8		0.1250	150	200	1	29.58	DR41654		5.00	0.1968	300	40C	1	183.99
DR41124	1/8		0.1250	200	250	1	33.25	DR41203	13/64		0.2031	150	20C	1	36.81
DR41125	1/8		0.1250	250	315	1	110.89	DR41204	13/64		0.2031	200	25C	1	38.97
DR41633		3.30	0.1299	100	160	1	33.15	DR41205	13/64		0.2031	250	31E	1	149.01
DR41635		3.50	0.1378	100	160	1	29.15	DR41655		5.50	0.2165	150	20C	1	35.87
DR41636		3.50	0.1378	150	200	1	32.61	DR41656		5.50	0.2165	200	25C	1	41.76
DR41637		3.50	0.1378	200	250	1	35.29	DR41657		5.50	0.2165	250	31E	1	149.01
DR41142	9/64		0.1406	100	160	1	28.89	DR41223	7/32		0.2188	150	20C	1	47.83
DR41143	9/64		0.1406	150	200	1	31.96	DR41224	7/32		0.2188	200	25C	1	60.71
DR41639		3.70	0.1457	100	160	1	52.71	DR41225	7/32		0.2188	250	31E	1	151.77
DR41152	5/32		0.1562	100	160	1	28.49	DR41233	15/64		0.2344	150	20C	1	31.96
DR41153	5/32		0.1562	150	200	1	30.68	DR41234	15/64		0.2344	200	25C	1	43.48
DR41154	5/32		0.1562	200	250	1	35.78	DR41660		6.00	0.2362	150	20C	1	36.87
DR41155	5/32		0.1562	250	315	1	116.18	DR41661		6.00	0.2362	200	25C	1	41.28
DR41640		4.00	0.1575	100	160	1	29.94	DR41662		6.00	0.2362	250	31E	1	125.11
DR41641		4.00	0.1575	150	200	1	34.03	DR41663		6.00	0.2362	300	40C	1	220.76
DR41642		4.00	0.1575	200	250	1	40.72	DR41253	1/4		0.2500	150	200	1	35.41
DR41643		4.00	0.1575	250	315	1	116.18	DR41254	1/4		0.2500	200	250	1	42.69
DR41172	11/64		0.1719	100	160	1	29.89	DR41255	1/4		0.2500	250	315	1	126.96
DR41173	11/64		0.1719	150	200	1	32.83	DR41256	1/4		0.2500	300	400	1	312.74
DR41174	11/64		0.1719	200	250	1	84.64	DR41664		6.50	0.2559	150	200	1	42.03
DR41645		4.50	0.1772	100	160	1	33.69	DR41665		6.50	0.2559	200	250	1	43.50
DR41646		4.50	0.1772	150	200	1	34.60	DR41666		6.50	0.2559	250	315	1	183.99
DR41647		4.50	0.1772	200	250	1	43.44	DR41263	17/64		0.2656	150	200	1	39.81
DR41648		4.50	0.1772	250	315	1	202.37	DR41264	17/64		0.2656	200	250	1	41.11
DR41182	3/16		0.1875	100	160	1	27.49	DR41265	17/64		0.2656	250	315	1	257.57
DR41183	3/16		0.1875	150	200	1	31.06	DR41669		7.00	0.2756	150	200	1	63.37
DR41184	3/16		0.1875	200	250	1	32.26	DR41670		7.00	0.2756	200	250	1	44.75
DR41185	3/16		0.1875	250	315	1	121.45	DR41671		7.00	0.2756	250	315	1	186.76
DR41186	3/16		0.1875	300	400	1	183.99	DR41676		7.00	0.2756	300	400	1	262.17



**PARABOLIC FLUTE DEEP HOLE DRILLS - STRAIGHT SHANK - OM100L**  
**FORETS PARABOLIQUE - ULTRA LONGUE - OM100L**

**DR41**



**OM100L**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR41283	9/32		0.2812	150	200	1	50.33
DR41284	9/32		0.2812	200	250	1	52.59
DR41285	9/32		0.2812	250	315	1	186.76
DR41674		7.50	0.2953	150	200	1	48.30
DR41675		7.50	0.2953	200	250	1	49.70
DR41303	5/16		0.3125	150	200	1	44.24
DR41304	5/16		0.3125	200	250	1	50.13
DR41305	5/16		0.3125	250	315	1	180.06
DR41306	5/16		0.3125	300	400	1	323.76
DR41680		8.00	0.3150	200	250	1	48.23
DR41681		8.00	0.3150	250	315	1	160.06
DR41682		8.00	0.3150	300	400	1	312.74
DR41334	21/64		0.3281	200	250	1	54.39
DR41335	21/64		0.3281	250	315	1	515.09
DR41685		8.50	0.3346	200	250	1	51.89
DR41686		8.50	0.3346	250	315	1	275.96
DR41687		8.50	0.3346	300	400	1	323.76
DR41344	11/32		0.3438	200	250	1	48.20
DR41345	11/32		0.3438	250	315	1	275.96
DR41346	11/32		0.3438	300	400	1	331.15
DR41690		9.00	0.3543	200	250	1	55.31
DR41691		9.00	0.3543	250	315	1	198.60
DR41692		9.00	0.3543	300	400	1	331.15
DR41364	23/64		0.3594	200	250	1	51.12
DR41365	23/64		0.3594	250	315	1	515.09
DR41695		9.50	0.3740	200	250	1	56.64
DR41696		9.50	0.3740	250	315	1	515.09

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
DR41383	3/8		0.3750	200	250	1	56.41
DR41385	3/8		0.3750	250	315	1	202.37
DR41386	3/8		0.3750	300	400	1	331.15
DR41700		10.00	0.3937	200	250	1	58.56
DR41701		10.00	0.3937	250	350	1	220.76
DR41702		10.00	0.3937	300	400	1	344.02
DR41404	13/32		0.4062	200	250	1	60.27
DR41405	13/32		0.4062	250	315	1	526.14
DR41406	13/32		0.4062	300	400	1	616.28
DR41705		10.50	0.4134	200	250	1	62.82
DR41706		10.50	0.4134	250	315	1	303.54
DR41707		10.50	0.4134	300	400	1	616.28
DR41710		11.00	0.4331	200	250	1	68.75
DR41711		11.00	0.4331	250	315	1	551.91
DR41712		11.00	0.4331	300	400	1	618.11
DR41434	7/16		0.4375	200	250	1	73.69
DR41435	7/16		0.4375	250	315	1	312.74
DR41436	7/16		0.4375	300	400	1	618.11
DR41476	15/32		0.4688	250	315	1	570.30
DR41720		12.00	0.4724	200	250	1	82.56
DR41721		12.00	0.4724	250	315	1	106.63
DR41722		12.00	0.4724	300	400	1	662.27
DR41505	1/2		0.5000	250	315	1	127.38
DR41506	1/2		0.5000	300	400	1	662.27
DR41730		13.00	0.5118	250	315	1	127.38
DR41731		13.00	0.5118	300	400	1	693.54
DR41740		14.00	0.5512	250	315	1	146.68

**AIRCRAFT EXTENSION DRILLS - 6" OA**  
**FORETS - RALLONGES POUR L'AERONAUTIQUE - 6"**

**DR64**



**6" OA**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR64260		#60	0.0400	11/16	6"	1	16.19
DR64259		#59	0.0410	11/16	6"	1	16.19
DR64258		#58	0.0420	11/16	6"	1	16.19
DR64257		#57	0.0430	3/4	6"	1	16.19
DR64256		#56	0.0465	3/4	6"	1	13.41
DR64003	3/64		0.0469	3/4	6"	1	14.50
DR64255		#55	0.0520	7/8	6"	1	13.41
DR64254		#54	0.0550	7/8	6"	1	13.41
DR64253		#53	0.0595	7/8	6"	1	13.41
DR64004	1/16		0.0625	7/8	6"	1	6.35
DR64252		#52	0.0635	7/8	6"	1	6.78
DR64251		#51	0.0670	1"	6"	1	6.78
DR64250		#50	0.0700	1"	6"	1	6.78

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR64249		#49	0.0730	1"	6"	1	6.78
DR64248		#48	0.0760	1"	6"	1	6.78
DR64005	5/64		0.0781	1"	6"	1	6.35
DR64247		#47	0.0785	1"	6"	1	6.78
DR64246		#46	0.0810	1-1/8	6"	1	6.78
DR64245		#45	0.0820	1-1/8	6"	1	6.78
DR64244		#44	0.0860	1-1/8	6"	1	6.78
DR64243		#43	0.0890	1-1/4	6"	1	6.78
DR64242		#42	0.0935	1-1/4	6"	1	5.33
DR64006	3/32		0.0938	1-1/4	6"	1	5.20
DR64241		#41	0.0960	1-3/8	6"	1	5.33
DR64240		#40	0.0980	1-3/8	6"	1	5.33
DR64239		#39	0.0995	1-3/8	6"	1	6.23

**AIRCRAFT EXTENSION DRILLS - 6" OA  
FORETS - RALLONGES POUR L'AERONAUTIQUE - 6"**

**DR64**

**6" OA**



**DRILLS - STRAIGHT SHANK**

**FORETS - QUEUE CYLINDRIQUE**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR64238		#38	0.1015	1-7/16	6"	1	6.02
DR64237		#37	0.1040	1-7/16	6"	1	6.02
DR64236		#36	0.1065	1-7/16	6"	1	6.02
DR64007	7/64		0.1094	1-1/2	6"	1	5.26
DR64235		#35	0.1100	1-1/2	6"	1	5.91
DR64234		#34	0.1110	1-1/2	6"	1	5.91
DR64233		#33	0.1130	1-1/2	6"	1	5.91
DR64232		#32	0.1160	1-5/8	6"	1	5.91
DR64231		#31	0.1200	1-5/8	6"	1	5.91
DR64008	1/8		0.1250	1-5/8	6"	1	5.26
DR64230		#30	0.1285	1-5/8	6"	1	5.91
DR64229		#29	0.1360	1-3/4	6"	1	7.14
DR64228		#28	0.1405	1-3/4	6"	1	7.14
DR64009	9/64		0.1406	1-3/4	6"	1	6.75
DR64227		#27	0.1440	1-7/8	6"	1	7.14
DR64226		#26	0.1470	1-7/8	6"	1	7.14
DR64225		#25	0.1495	1-7/8	6"	1	7.14
DR64224		#24	0.1520	2"	6"	1	7.14
DR64223		#23	0.1540	2"	6"	1	7.14
DR64010	5/32		0.1563	2"	6"	1	6.75
DR64222		#22	0.1570	2"	6"	1	7.14
DR64221		#21	0.1590	2-1/8	6"	1	7.14
DR64220		#20	0.1610	2-1/8	6"	1	7.14
DR64219		#19	0.1660	2-1/8	6"	1	7.86
DR64218		#18	0.1695	2-1/8	6"	1	7.86
DR64011	11/64		0.1719	2-1/8	6"	1	7.43
DR64217		#17	0.1730	2-3/16	6"	1	7.86
DR64216		#16	0.1770	2-3/16	6"	1	7.86
DR64215		#15	0.1800	2-3/16	6"	1	7.86
DR64214		#14	0.1820	2-3/16	6"	1	7.86
DR64213		#13	0.1850	2-5/16	6"	1	7.86
DR64012	3/16		0.1875	2-5/16	6"	1	7.43
DR64212		#12	0.1890	2-5/16	6"	1	7.86
DR64211		#11	0.1910	2-5/16	6"	1	7.86
DR64210		#10	0.1935	2-7/16	6"	1	8.53
DR64209		#9	0.1960	2-7/16	6"	1	9.08
DR64208		#8	0.1990	2-7/16	6"	1	9.25
DR64207		#7	0.2010	2-7/16	6"	1	9.42
DR64013	13/64		0.2031	2-7/16	6"	1	9.08
DR64206		#6	0.2040	2-1/2	6"	1	9.42
DR64205		#5	0.2055	2-1/2	6"	1	9.42
DR64204		#4	0.2090	2-1/2	6"	1	9.42
DR64203		#3	0.2130	2-1/2	6"	1	9.42
DR64014	7/32		0.2188	2-1/2	6"	1	9.08
DR64202		#2	0.2210	2-5/8	6"	1	10.55
DR64201		#1	0.2280	2-5/8	6"	1	10.55
DR64101		A	0.2340	2-5/8	6"	1	13.86
DR64015	15/64		0.2344	2-5/8	6"	1	9.19
DR64102		B	0.2380	2-3/4	6"	1	13.86
DR64103		C	0.2420	2-3/4	6"	1	13.86

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR64104		D	0.2460	2-3/4	6"	1	13.86
DR64016	1/4	E	0.2500	2-3/4	6"	1	9.19
DR64106		F	0.2570	2-7/8	6"	1	15.27
DR64107		G	0.2610	2-7/8	6"	1	23.94
DR64017	17/64		0.2656	2-7/8	6"	1	21.82
DR64108		H	0.2660	2-7/8	6"	1	25.22
DR64109		I	0.2720	2-7/8	6"	1	25.22
DR64110		J	0.2770	2-7/8	6"	1	25.22
DR64111		K	0.2810	2-15/16	6"	1	25.22
DR64018	9/32		0.2813	2-15/16	6"	1	23.47
DR64112		L	0.2900	2-15/16	6"	1	29.18
DR64113		M	0.2950	3-1/16	6"	1	29.18
DR64019	19/64		0.2969	3-1/16	6"	1	26.59
DR64114		N	0.3020	3-1/16	6"	1	32.81
DR64020	5/16		0.3125	3-3/16	6"	1	29.83
DR64115		O	0.3160	3-3/16	6"	1	34.27
DR64116		P	0.3230	3-5/16	6"	1	34.27
DR64021	21/64		0.3261	3-5/16	6"	1	31.11
DR64117		Q	0.3320	3-7/16	6"	1	34.27
DR64118		R	0.3390	3-7/16	6"	1	34.27
DR64022	11/32		0.3436	3-7/16	6"	1	31.11
DR64119		S	0.3460	3-1/2	6"	1	38.18
DR64120		T	0.3580	3-1/2	6"	1	38.18
DR64023	23/64		0.3594	3-1/2	6"	1	34.31
DR64121		U	0.3680	3-5/8	6"	1	40.29
DR64024	3/8		0.3750	3-5/8	6"	1	36.16
DR64122		V	0.3770	3-5/8	6"	1	42.49
DR64123		W	0.3860	3-3/4	6"	1	42.49
DR64025	25/64		0.3906	3-3/4	6"	1	38.85
DR64124		X	0.3970	3-3/4	6"	1	42.49
DR64125		Y	0.4040	3-7/8	6"	1	42.49
DR64026	13/32		0.4063	3-7/8	6"	1	38.85
DR64126		Z	0.4130	3-7/8	6"	1	45.20
DR64027	27/64		0.4219	3-15/16	6"	1	41.53
DR64028	7/16		0.4375	4-1/16	6"	1	43.61
DR64029	29/64		0.4531	4-3/16	6"	1	46.33
DR64030	15/32		0.4688	4-5/16	6"	1	49.81
DR64031	31/64		0.4844	4-3/8	6"	1	49.81
DR64032	1/2		0.5000	4-1/2	6"	1	51.93



**AIRCRAFT EXTENSION DRILLS - 12" OA**  
**FORETS - RALLONGES POUR L'AERONAUTIQUE - 12"**

**DR65**

**12" OA**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR65260		#60	0.0400	11/16	12"	1	27.23
DR65259		#59	0.0410	11/16	12"	1	27.23
DR65258		#58	0.0420	11/16	12"	1	27.23
DR65257		#57	0.0430	3/4	12"	1	24.21
DR65256		#56	0.0465	3/4	12"	1	24.21
DR65003	3/64		0.0469	3/4	12"	1	27.34
DR65255		#55	0.0520	7/8	12"	1	24.21
DR65254		#54	0.0550	7/8	12"	1	24.21
DR65253		#53	0.0595	7/8	12"	1	24.21
DR65004	1/16		0.0625	7/8	12"	1	20.63
DR65252		#52	0.0635	7/8	12"	1	25.15
DR65251		#51	0.0670	1"	12"	1	25.15
DR65250		#50	0.0700	1"	12"	1	23.68
DR65249		#49	0.0730	1"	12"	1	23.68
DR65248		#48	0.0760	1"	12"	1	23.68
DR65005	5/64		0.0781	1"	12"	1	20.63
DR65247		#47	0.0785	1"	12"	1	23.68
DR65246		#46	0.0810	1-1/8	12"	1	23.68
DR65245		#45	0.0820	1-1/8	12"	1	23.68
DR65244		#44	0.0860	1-1/8	12"	1	23.68
DR65243		#43	0.0890	1-1/4	12"	1	23.68
DR65242		#42	0.0935	1-1/4	12"	1	18.57
DR65006	3/32		0.0938	1-1/4	12"	1	20.63
DR65241		#41	0.0960	1-3/8	12"	1	18.57
DR65240		#40	0.0980	1-3/8	12"	1	18.57
DR65239		#39	0.0995	1-3/8	12"	1	19.37
DR65238		#38	0.1015	1-7/16	12"	1	19.37
DR65237		#37	0.1040	1-7/16	12"	1	19.37
DR65236		#36	0.1065	1-7/16	12"	1	19.37
DR65007	7/64		0.1094	1-1/2	12"	1	16.35
DR65235		#35	0.1100	1-1/2	12"	1	19.37
DR65234		#34	0.1110	1-1/2	12"	1	19.37
DR65233		#33	0.1130	1-1/2	12"	1	19.37
DR65232		#32	0.1160	1-5/8	12"	1	18.88
DR65231		#31	0.1200	1-5/8	12"	1	18.88
DR65008	1/8		0.1250	1-5/8	12"	1	16.35
DR65230		#30	0.1285	1-5/8	12"	1	18.88
DR65229		#29	0.1360	1-3/4	12"	1	18.88
DR65228		#28	0.1405	1-3/4	12"	1	18.88
DR65009	9/64		0.1406	1-3/4	12"	1	16.35
DR65227		#27	0.1440	1-7/8	12"	1	18.88
DR65226		#26	0.1470	1-7/8	12"	1	18.88
DR65225		#25	0.1495	1-7/8	12"	1	18.88
DR65224		#24	0.1520	2"	12"	1	18.88
DR65223		#23	0.1540	2"	12"	1	18.88
DR65010	5/32		0.1563	2"	12"	1	16.35
DR65222		#22	0.1570	2"	12"	1	18.88
DR65221		#21	0.1590	2-1/8	12"	1	18.88
DR65220		#20	0.1610	2-1/8	12"	1	18.88
DR65219		#19	0.1660	2-1/8	12"	1	20.63

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR65218		#18	0.1695	2-1/8	12"	1	20.63
DR65011	11/64		0.1719	2-1/8	12"	1	18.38
DR65217		#17	0.1730	2-3/16	12"	1	20.63
DR65216		#16	0.1770	2-3/16	12"	1	20.63
DR65215		#15	0.1800	2-3/16	12"	1	20.63
DR65214		#14	0.1820	2-3/16	12"	1	20.63
DR65213		#13	0.1850	2-5/16	12"	1	20.63
DR65012	3/16		0.1875	2-5/16	12"	1	18.38
DR65212		#12	0.1890	2-5/16	12"	1	20.63
DR65211		#11	0.1910	2-5/16	12"	1	20.63
DR65210		#10	0.1935	2-7/16	12"	1	20.63
DR65209		#9	0.1960	2-7/16	12"	1	20.63
DR65208		#8	0.1990	2-7/16	12"	1	23.12
DR65207		#7	0.2010	2-7/16	12"	1	23.12
DR65013	13/64		0.2031	2-7/16	12"	1	23.49
DR65206		#6	0.2040	2-1/2	12"	1	23.12
DR65205		#5	0.2055	2-1/2	12"	1	23.12
DR65204		#4	0.2090	2-1/2	12"	1	23.35
DR65203		#3	0.2130	2-1/2	12"	1	23.12
DR65014	7/32		0.2168	2-1/2	12"	1	21.14
DR65202		#2	0.2210	2-5/8	12"	1	24.71
DR65201		#1	0.2250	2-5/8	12"	1	24.71
DR65101		A	0.2340	2-5/8	12"	1	26.99
DR65015	15/64		0.2344	2-5/8	12"	1	22.64
DR65102		B	0.2380	2-3/4	12"	1	26.99
DR65103		C	0.2420	2-3/4	12"	1	26.99
DR65104		D	0.2460	2-3/4	12"	1	26.99
DR65016	1/4		0.2500	2-3/4	12"	1	22.64
DR65106		F	0.2570	2-7/8	12"	1	32.05
DR65107		G	0.2610	2-7/8	12"	1	32.12
DR65017	17/64		0.2656	2-7/8	12"	1	27.04
DR65108		H	0.2660	2-7/8	12"	1	32.12
DR65109		I	0.2720	2-7/8	12"	1	32.12
DR65110		J	0.2770	2-7/8	12"	1	32.12
DR65111		K	0.2810	2-15/16	12"	1	32.12
DR65018	9/32		0.2813	2-15/16	12"	1	28.66
DR65112		L	0.2900	2-15/16	12"	1	33.93
DR65113		M	0.2950	3-1/16	12"	1	33.93
DR65019	19/64		0.2969	3-1/16	12"	1	32.37
DR65114		N	0.3020	3-1/16	12"	1	37.00
DR65020	5/16		0.3125	3-3/16	12"	1	36.40
DR65115		O	0.3160	3-3/16	12"	1	39.65
DR65116		P	0.3230	3-5/16	12"	1	39.65
DR65021	21/64		0.3281	3-5/16	12"	1	38.04
DR65117		Q	0.3320	3-7/16	12"	1	41.46
DR65118		R	0.3390	3-7/16	12"	1	43.31
DR65022	11/32		0.3438	3-7/16	12"	1	38.24
DR65119		S	0.3480	3-1/2	12"	1	45.38
DR65120		T	0.3580	3-1/2	12"	1	45.38
DR65023	23/64		0.3594	3-1/2	12"	1	42.29

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE

**AIRCRAFT EXTENSION DRILLS - 12" OA**  
**FORETS - RALLONGES POUR L'AERONAUTIQUE - 12"**

**DR65**

**12" OA**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR65121		U	0.3680	3-5/8	12"	1	45.38
DR65024	3/8		0.3750	3-5/8	12"	1	44.59
DR65122		V	0.3770	3-5/8	12"	1	48.09
DR65123		W	0.3860	3-3/4	12"	1	48.09
DR65025	25/64		0.3906	3-3/4	12"	1	47.21
DR65124		X	0.3970	3-3/4	12"	1	50.91
DR65125		Y	0.4040	3-7/8	12"	1	50.91
DR65026	13/32		0.4063	3-7/8	12"	1	47.21

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR65126		Z	0.4130	3-7/8	12"	1	53.71
DR65027	27/64		0.4219	3-15/16	12"	1	50.65
DR65028	7/16		0.4375	4-1/16	12"	1	53.25
DR65029	29/64		0.4531	4-3/16	12"	1	56.18
DR65030	15/32		0.4688	4-5/16	12"	1	60.32
DR65031	31/64		0.4844	4-3/8	12"	1	60.32
DR65032	1/2		0.5000	4-1/2	12"	1	63.59

**AIRCRAFT EXTENSION DRILLS - 6" OA - COBALT**  
**FORETS - RALLONGES POUR L'AERONAUTIQUE - 6" - COBALT**

**DR645**

**6" OA**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR64760		#60	0.0400	11/16	6"	1	26.02
DR64759		#59	0.0410	11/16	6"	1	26.02
DR64758		#58	0.0420	11/16	6"	1	26.02
DR64757		#57	0.0430	3/4	6"	1	26.02
DR64756		#56	0.0465	3/4	6"	1	26.02
DR64503	3/64		0.0469	3/4	6"	1	26.02
DR64755		#55	0.0520	7/8	6"	1	26.02
DR64754		#54	0.0550	7/8	6"	1	26.02
DR64753		#53	0.0595	7/8	6"	1	26.02
DR64504	1/16		0.0625	7/8	6"	1	12.04
DR64752		#52	0.0635	7/8	6"	1	11.83
DR64751		#51	0.0670	1"	6"	1	11.83
DR64750		#50	0.0700	1"	6"	1	11.83
DR64749		#49	0.0730	1"	6"	1	11.64
DR64748		#48	0.0760	1"	6"	1	11.64
DR64505	5/64		0.0781	1"	6"	1	12.17
DR64747		#47	0.0785	1"	6"	1	12.17
DR64746		#46	0.0810	1-1/8	6"	1	12.17
DR64745		#45	0.0820	1-1/8	6"	1	12.17
DR64744		#44	0.0850	1-1/8	6"	1	12.17
DR64743		#43	0.0890	1-1/4	6"	1	12.17
DR64742		#42	0.0935	1-1/4	6"	1	9.81
DR64506	3/32		0.0938	1-1/4	6"	1	9.47
DR64741		#41	0.0960	1-3/8	6"	1	9.81
DR64740		#40	0.0980	1-3/8	6"	1	9.37
DR64739		#39	0.0995	1-3/8	6"	1	10.43
DR64738		#38	0.1015	1-7/16	6"	1	10.43
DR64737		#37	0.1040	1-7/16	6"	1	10.43
DR64736		#36	0.1065	1-7/16	6"	1	10.43
DR64507	7/64		0.1094	1-1/2	6"	1	10.66
DR64735		#35	0.1100	1-1/2	6"	1	10.43
DR64734		#34	0.1110	1-1/2	6"	1	10.43

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR64733		#33	0.1130	1-1/2	6"	1	10.43
DR64732		#32	0.1160	1-5/8	6"	1	10.43
DR64731		#31	0.1200	1-5/8	6"	1	10.43
DR64508	1/8		0.1250	1-5/8	6"	1	10.18
DR64730		#30	0.1285	1-5/8	6"	1	10.10
DR64729		#29	0.1360	1-3/4	6"	1	12.83
DR64728		#28	0.1405	1-3/4	6"	1	12.83
DR64509	9/64		0.1406	1-3/4	6"	1	12.06
DR64727		#27	0.1440	1-7/8	6"	1	12.83
DR64726		#26	0.1470	1-7/8	6"	1	12.83
DR64725		#25	0.1495	1-7/8	6"	1	12.83
DR64724		#24	0.1520	2"	6"	1	12.83
DR64723		#23	0.1540	2"	6"	1	12.83
DR64510	5/32		0.1563	2"	6"	1	11.94
DR64722		#22	0.1570	2"	6"	1	12.83
DR64721		#21	0.1590	2-1/8	6"	1	12.46
DR64720		#20	0.1610	2-1/8	6"	1	12.46
DR64719		#19	0.1660	2-1/8	6"	1	14.19
DR64718		#18	0.1695	2-1/8	6"	1	14.19
DR64511	11/64		0.1719	2-1/8	6"	1	13.23
DR64717		#17	0.1730	2-3/16	6"	1	14.19
DR64716		#16	0.1770	2-3/16	6"	1	14.19
DR64715		#15	0.1800	2-3/16	6"	1	14.19
DR64714		#14	0.1820	2-3/16	6"	1	14.19
DR64713		#13	0.1850	2-5/16	6"	1	14.19
DR64512	3/16		0.1875	2-5/16	6"	1	12.98
DR64712		#12	0.1890	2-5/16	6"	1	14.19
DR64711		#11	0.1910	2-5/16	6"	1	14.19
DR64710		#10	0.1935	2-7/16	6"	1	14.76
DR64709		#9	0.1960	2-7/16	6"	1	16.36
DR64708		#8	0.1990	2-7/16	6"	1	16.36
DR64707		#7	0.2010	2-7/16	6"	1	16.97



**AIRCRAFT EXTENSION DRILLS - 6" OA - COBALT**  
**FORETS - RALLONGES POUR L'AERONAUTIQUE - 6" - COBALT**

**DR645**



**6" OA**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR64513	13/64		0.2031	2-7/16	6"	1	16.42
DR64706		#6	0.2040	2-1/2	6"	1	16.97
DR64705		#5	0.2055	2-1/2	6"	1	16.97
DR64704		#4	0.2090	2-1/2	6"	1	16.97
DR64703		#3	0.2130	2-1/2	6"	1	16.97
DR64514	7/32		0.2188	2-1/2	6"	1	16.26
DR64702		#2	0.2210	2-5/8	6"	1	18.74
DR64701		#1	0.2280	2-5/8	6"	1	18.74
DR64601		A	0.2340	2-5/8	6"	1	28.57
DR64515	15/64		0.2344	2-5/8	6"	1	17.82
DR64602		B	0.2380	2-3/4	6"	1	28.57
DR64603		C	0.2420	2-3/4	6"	1	28.57
DR64604		D	0.2460	2-3/4	6"	1	28.57
DR64516	1/4	E	0.2500	2-3/4	6"	1	20.35

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR64606		F	0.2570	2-7/8	6"	1	32.54
DR64517	17/64		0.2656	2-7/8	6"	1	46.12
DR64611		K	0.2810	2-15/16	6"	1	54.45
DR64518	9/32		0.2813	2-15/16	6"	1	48.96
DR64519	19/64		0.2959	3-1/16	6"	1	57.54
DR64520	5/16		0.3125	3-3/16	6"	1	62.21
DR64618		R	0.3390	3-7/16	6"	1	73.92
DR64619		S	0.3480	3-1/2	6"	1	84.48
DR64620		T	0.3580	3-1/2	6"	1	84.48
DR64523	23/64		0.3594	3-1/2	6"	1	75.34
DR64621		U	0.3680	3-5/8	6"	1	88.22
DR64624		X	0.3970	3-3/4	6"	1	85.79
DR64532	1/2		0.5000	4-1/2	6"	1	76.22

**1/4-28 THREADED SHANK ADAPTER DRILLS - STUB LENGTH**  
**FORETS - SERIE EXTRA COURTE - QUEUE 1/4-28**

**DR66**



**STUB HSS**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR66260		#60	0.0400	5/16	1/2	1	12.57
DR66255		#55	0.0520	5/16	1/2	1	12.57
DR66254		#54	0.0550	5/16	1/2	1	12.57
DR66253		#53	0.0595	5/16	1/2	1	12.57
DR66250		#50	0.0700	5/16	1/2	1	12.57
DR66240		#40	0.0980	5/16	1/2	1	8.30
DR66238		#38	0.1015	5/16	1/2	1	10.00
DR66008	1/8		0.1250	5/16	1/2	1	10.00
DR66230		#30	0.1285	5/16	9/16	1	8.30
DR66229		#29	0.1360	5/16	9/16	1	10.00
DR66228		#28	0.1405	5/16	9/16	1	10.00
DR66227		#27	0.1440	5/16	9/16	1	8.54
DR66010	5/32		0.1563	5/16	9/16	1	10.00
DR66221		#21	0.1590	5/16	9/16	1	8.54

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR66220		#20	0.1610	5/16	9/16	1	8.54
DR66219		#19	0.1660	5/16	9/16	1	10.00
DR66216		#16	0.1770	5/16	9/16	1	10.00
DR66213		#13	0.1850	5/16	9/16	1	10.00
DR66012	3/16		0.1875	5/16	9/16	1	10.71
DR66212		#12	0.1890	5/16	9/16	1	10.00
DR66211		#11	0.1910	5/16	9/16	1	10.00
DR66210		#10	0.1935	5/16	9/16	1	10.00
DR66206		#6	0.2040	5/16	9/16	1	12.57
DR66203		#3	0.2130	5/16	9/16	1	12.57
DR66014	7/32		0.2188	5/16	5/8	1	12.57
DR66018	9/32		0.2813	5/16	5/8	1	16.71
DR66021	21/64		0.3281	5/16	5/8	1	31.14
DR66022	11/32		0.3438	5/16	5/8	1	34.85

**1/4-28 THREADED SHANK ADAPTER DRILLS - STUB LENGTH**  
**FORETS - SERIE EXTRA COURTE - QUEUE 1/4-28**

**DR66**



**STUB M42**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR66740		#40	0.0980	5/16	1/2	1	9.28
DR66738		#38	0.1015	5/16	1/2	1	12.14
DR66508	1/8		0.1250	5/16	1/2	1	12.14
DR66730		#30	0.1285	5/16	9/16	1	10.71
DR66729		#29	0.1360	5/16	9/16	1	12.14
DR66728		#28	0.1405	5/16	9/16	1	12.14
DR66727		#27	0.1440	5/16	9/16	1	11.29
DR66510	5/32		0.1563	5/16	9/16	1	12.85
DR66721		#21	0.1590	5/16	9/16	1	11.29
DR66720		#20	0.1610	5/16	9/16	1	11.29
DR66719		#19	0.1660	5/16	9/16	1	13.44

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR66716		#16	0.1770	5/16	9/16	1	13.44
DR66713		#13	0.1850	5/16	9/16	1	13.99
DR66512	3/16		0.1875	5/16	9/16	1	14.85
DR66712		#12	0.1890	5/16	9/16	1	15.71
DR66711		#11	0.1910	5/16	9/16	1	13.44
DR66710		#10	0.1935	5/16	9/16	1	13.99
DR66706		#6	0.2040	5/16	9/16	1	17.00
DR66703		#3	0.2130	5/16	9/16	1	17.00
DR66514	7/32		0.2188	5/16	5/8	1	17.00
DR66518	9/32		0.2813	5/16	5/8	1	22.28

**1/4-28 THREADED SHANK ADAPTER DRILLS - SHORT LENGTH**  
**FORETS - SERIE COURTE - QUEUE 1/4-28**

**DR67**



**SHORT HSS**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR67240		#40	0.0980	9/16	1"	1	7.14
DR67238		#38	0.1015	9/16	1"	1	10.00
DR67008	1/8		0.1250	9/16	1"	1	8.30
DR67230		#30	0.1285	9/16	1-1/4	1	8.30
DR67229		#29	0.1360	9/16	1-1/4	1	10.00
DR67228		#28	0.1405	9/16	1-1/4	1	10.00
DR67009	9/64		0.1406	9/16	1-1/4	1	10.00
DR67227		#27	0.1440	9/16	1-1/4	1	8.54
DR67010	5/32		0.1563	9/16	1-1/4	1	8.54
DR67222		#22	0.1570	9/16	1-1/4	1	8.54
DR67221		#21	0.1590	9/16	1-1/4	1	8.54
DR67220		#20	0.1610	9/16	1-1/4	1	8.54
DR67219		#19	0.1660	9/16	1-1/4	1	10.00
DR67011	11/64		0.1719	9/16	1-1/4	1	11.98
DR67217		#17	0.1730	9/16	1-1/4	1	11.98
DR67216		#16	0.1770	9/16	1-1/4	1	10.00
DR67213		#13	0.1850	9/16	1-1/4	1	10.00

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR67012	3/16		0.1875	9/16	1-1/4	1	10.00
DR67212		#12	0.1890	9/16	1-1/4	1	10.00
DR67211		#11	0.1910	9/16	1-1/4	1	10.00
DR67210		#10	0.1935	9/16	1-1/4	1	10.00
DR67209		#9	0.1960	9/16	1-1/4	1	9.28
DR67208		#8	0.1990	9/16	1-1/4	1	10.71
DR67206		#6	0.2040	9/16	1-1/4	1	11.29
DR67205		#5	0.2055	9/16	1-1/4	1	11.29
DR67014	7/32		0.2188	9/16	1-1/4	1	9.70
DR67201		#1	0.2280	9/16	1-1/4	1	12.14
DR67015	15/64		0.2344	9/16	1-1/4	1	12.14
DR67016	1/4		0.2500	9/16	1-1/4	1	12.14
DR67018	9/32		0.2813	9/16	1-1/4	1	16.71
DR67021	21/64		0.3281	9/16	1-1/4	1	31.14
DR67022	11/32		0.3438	9/16	1-1/4	1	34.85
DR67024	3/8		0.3750	9/16	1-1/4	1	34.85

DRILLS - STRAIGHT SHANK

FORETS - QUEUE CYLINDRIQUE



**1/4-28 THREADED SHANK ADAPTER DRILLS - SHORT LENGTH - COBALT  
FORETS - SERIE COURTE - QUEUE 1/4-28 - COBALT**

**DR67**



**SHORT M42**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR67740		#40	0.0980	9/16	1"	1	9.28
DR67738		#38	0.1015	9/16	1"	1	12.14
DR67508	1/8		0.1250	9/16	1"	1	12.14
DR67730		#30	0.1285	9/16	1-1/4	1	10.00
DR67729		#29	0.1360	9/16	1-1/4	1	12.14
DR67728		#28	0.1405	9/16	1-1/4	1	12.14
DR67509	9/64		0.1406	9/16	1-1/4	1	12.14
DR67727		#27	0.1440	9/16	1-1/4	1	10.71
DR67510	5/32		0.1563	9/16	1-1/4	1	12.14
DR67722		#22	0.1570	9/16	1-1/4	1	12.14
DR67721		#21	0.1590	9/16	1-1/4	1	10.71
DR67720		#20	0.1610	9/16	1-1/4	1	11.29
DR67719		#19	0.1660	9/16	1-1/4	1	12.73
DR67511	11/64		0.1719	9/16	1-1/4	1	13.58
DR67717		#17	0.1730	9/16	1-1/4	1	14.25
DR67716		#16	0.1770	9/16	1-1/4	1	13.44
DR67713		#13	0.1850	9/16	1-1/4	1	13.58

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR67512	3/16		0.1875	9/16	1-1/4	1	13.58
DR67712		#12	0.1890	9/16	1-1/4	1	14.56
DR67711		#11	0.1910	9/16	1-1/4	1	12.85
DR67710		#10	0.1935	9/16	1-1/4	1	12.85
DR67709		#9	0.1950	9/16	1-1/4	1	16.28
DR67708		#8	0.1990	9/16	1-1/4	1	14.13
DR67706		#6	0.2040	9/16	1-1/4	1	17.00
DR67705		#5	0.2055	9/16	1-1/4	1	17.00
DR67514	7/32		0.2188	9/16	1-1/4	1	17.00
DR67701		#1	0.2290	9/16	1-1/4	1	17.00
DR67515	15/64		0.2344	9/16	1-1/4	1	17.00
DR67516	1/4		0.2500	9/16	1-1/4	1	15.94
DR67518	9/32		0.2813	9/16	1-1/4	1	22.28
DR67521	21/64		0.3281	9/16	1-1/4	1	44.28
DR67522	11/32		0.3438	9/16	1-1/4	1	44.28
DR67524	3/8		0.3750	9/16	1-1/4	1	44.28

**1/4-28 THREADED SHANK ADAPTER DRILLS - LONG LENGTH  
FORETS - SERIE LONGUE - QUEUE 1/4-28**

**DR68**



**LONG HSS**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR68249		#49	0.0730	7/8	2-1/8	1	13.99
DR68245		#45	0.0820	7/8	2-1/8	1	14.85
DR68243		#43	0.0890	7/8	2-1/8	1	14.85
DR68242		#42	0.0935	7/8	2-1/8	1	14.85
DR68241		#41	0.0960	7/8	2-1/8	1	14.85
DR68240		#40	0.0980	7/8	2-1/8	1	7.42
DR68239		#39	0.0995	7/8	2-1/8	1	10.00
DR68007	7/64		0.1094	7/8	2-1/8	1	10.00
DR68231		#31	0.1200	1-1/8	2-1/8	1	10.00
DR68008	1/8		0.1250	7/8	2-1/8	1	10.00
DR68230		#30	0.1285	1-1/8	2-1/8	1	8.30
DR68229		#29	0.1360	1-1/8	2-1/8	1	10.00
DR68009	9/64		0.1406	1-1/8	2-1/8	1	10.00
DR68227		#27	0.1440	1-1/8	2-1/8	1	8.54
DR68225		#25	0.1495	1-1/8	2-1/8	1	10.00
DR68223		#23	0.1540	1-1/8	2-1/8	1	10.00
DR68010	5/32		0.1563	1-1/8	2-1/8	1	10.00
DR68221		#21	0.1590	1-1/8	2-1/8	1	8.54
DR68220		#20	0.1610	1-1/8	2-1/8	1	8.54
DR68219		#19	0.1660	1-1/8	2-1/8	1	10.00
DR68218		#18	0.1695	1-1/8	2-1/8	1	11.29
DR68011	11/64		0.1719	1-1/8	2-1/8	1	11.98
DR68216		#16	0.1770	1-1/8	2-1/8	1	9.57

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR68215		#15	0.1800	1-1/8	2-1/8	1	11.98
DR68214		#14	0.1820	1-1/8	2-1/8	1	11.29
DR68213		#13	0.1850	1-1/8	2-1/8	1	10.00
DR68012	3/16		0.1875	1-1/8	2-1/8	1	10.00
DR68212		#12	0.1890	1-1/8	2-1/8	1	12.14
DR68211		#11	0.1910	1-1/8	2-1/8	1	10.00
DR68210		#10	0.1935	1-1/8	2-1/8	1	9.57
DR68208		#8	0.1990	1-1/8	2-1/8	1	10.71
DR68205		#5	0.2055	1-1/8	2-1/8	1	12.14
DR68203		#3	0.2130	1-1/8	2-1/8	1	12.57
DR68014	7/32		0.2188	1-1/8	2-1/8	1	12.57
DR68016	1/4		0.2500	1-1/8	2-1/8	1	13.44
DR68021	21/64		0.3281	1-1/8	2-1/8	1	38.57
DR68022	11/32		0.3438	1-1/8	2-1/8	1	38.57
DR68024	3/8		0.3750	1-1/8	2-1/8	1	40.54

**1/4-28 THREADED SHANK ADAPTER DRILLS - LONG LENGTH - COBALT  
FORETS - SERIE LONGUE - QUEUE 1/4-28 - COBALT**

**DR68**



**LONG M42**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR68740		#40	0.0980	7/8	2-1/8	1	9.28
DR68739		#39	0.0995	7/8	2-1/8	1	12.85
DR68507	7/64		0.1094	7/8	2-1/8	1	12.85
DR68731		#31	0.1200	1-1/8	2-1/8	1	12.14
DR68506	1/8		0.1250	7/8	2-1/8	1	11.29
DR68730		#30	0.1285	1-1/8	2-1/8	1	10.43
DR68729		#29	0.1360	1-1/8	2-1/8	1	12.14
DR68509	9/64		0.1406	1-1/8	2-1/8	1	12.14
DR68727		#27	0.1440	1-1/8	2-1/8	1	11.00
DR68725		#25	0.1495	1-1/8	2-1/8	1	12.14
DR68723		#23	0.1540	1-1/8	2-1/8	1	12.85
DR68510	5/32		0.1563	1-1/8	2-1/8	1	12.85
DR68721		#21	0.1590	1-1/8	2-1/8	1	11.29
DR68720		#20	0.1610	1-1/8	2-1/8	1	11.29
DR68719		#19	0.1660	1-1/8	2-1/8	1	13.44
DR68718		#18	0.1695	1-1/8	2-1/8	1	14.13
DR68511	11/64		0.1719	1-1/8	2-1/8	1	14.13

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
DR68716		#16	0.1770	1-1/8	2-1/8	1	15.00
DR68715		#15	0.1800	1-1/8	2-1/8	1	15.14
DR68714		#14	0.1820	1-1/8	2-1/8	1	15.14
DR68713		#13	0.1850	1-1/8	2-1/8	1	13.87
DR68512	3/16		0.1875	1-1/8	2-1/8	1	14.85
DR68712		#12	0.1890	1-1/8	2-1/8	1	15.14
DR68711		#11	0.1910	1-1/8	2-1/8	1	13.14
DR68710		#10	0.1935	1-1/8	2-1/8	1	13.14
DR68708		#8	0.1990	1-1/8	2-1/8	1	15.71
DR68705		#5	0.2055	1-1/8	2-1/8	1	17.85
DR68703		#3	0.2130	1-1/8	2-1/8	1	17.85
DR68514	7/32		0.2188	1-1/8	2-1/8	1	17.00
DR68516	1/4		0.2500	1-1/8	2-1/8	1	15.94
DR68521	21/64		0.3281	1-1/8	2-1/8	1	52.84
DR68522	11/32		0.3438	1-1/8	2-1/8	1	52.84
DR68524	3/8		0.3750	1-1/8	2-1/8	1	52.84

**PROGRESSIVE DRILLS - STEP DRILLS - HSS  
FORETS - MULTI DIAMETRE**

**DR70**



**STEP DRILL**

CODE	NO	STEPS	FROM	TO	BY	\$ EA
<i>Spiral Flute</i>						
DR70001	1	13	1/8	1/2	1/32	30.80
DR70002	2	6	3/16	1/2	1/16	28.83
DR70003	3	9	1/4	3/4	1/16	51.40
DR70101	#1, #2, #3	SET IN A PLASTIC CASE				111.03

CODE	NO	STEPS	FROM	TO	BY	\$ EA
<i>Straight Flute</i>						
DR70004	4	4	3/16	7/8	1/16	35.20
DR70005	5	5	1/4	1-3/4	1/8	60.46



# DRILLS

Taper Shank

# FORETS

Queue Conique

MORSE TAPER SHANK DRILLS - FRACTIONAL  
FORETS A QUEUE CONIQUE MORSE - FRACTIONNEL

DR30



ANSI MTS

DRILLS - TAPER SHANK

FORETS - QUEUE CONIQUE

CODE	FRAC	MTS	DEC	FLT	QA	PKG	\$ EA
DR30004	1/16	#1	0.0625	1-1/4	4-5/8	1	38.60
DR30005	5/64	#1	0.0781	1-3/8	4-3/4	1	37.42
DR30008	1/8	#1	0.1250	1-7/8	5-1/8	1	17.19
DR30009	9/64	#1	0.1406	2-1/8	5-3/8	1	19.20
DR30010	5/32	#1	0.1562	2-1/8	5-3/8	1	18.39
DR30011	11/64	#1	0.1719	2-1/2	5-3/4	1	21.48
DR30012	3/16	#1	0.1875	2-1/2	5-3/4	1	19.38
DR30013	13/64	#1	0.2031	2-3/4	6"	1	21.74
DR30014	7/32	#1	0.2188	2-3/4	6"	1	21.74
DR30015	15/64	#1	0.2344	2-7/8	6-1/8	1	23.52
DR30016	1/4	#1	0.2500	2-7/8	6-1/8	1	21.22
DR30017	17/64	#1	0.2656	3"	6-1/4	1	21.48
DR30018	9/32	#1	0.2812	3"	6-1/4	1	21.48
DR30019	19/64	#1	0.2969	3-1/8	6-3/8	1	25.24
DR30020	5/16	#1	0.3125	3-1/8	6-3/8	1	22.30
DR30021	21/64	#1	0.3281	3-1/4	6-1/2	1	29.00
DR30022	11/32	#1	0.3438	3-1/4	6-1/2	1	30.14
DR30023	23/64	#1	0.3594	3-1/2	6-3/4	1	34.36
DR30024	3/8	#1	0.3750	3-1/2	6-3/4	1	35.00
DR30025	25/64	#1	0.3906	3-5/8	7"	1	35.56
DR30026	13/32	#1	0.4062	3-5/8	7"	1	35.33
DR30027	27/64	#1	0.4219	3-7/8	7-1/4	1	36.50
DR30028	7/16	#1	0.4375	3-7/8	7-1/4	1	37.70
DR30029	29/64	#1	0.4531	4-1/8	7-1/2	1	40.29
DR30030	15/32	#1	0.4688	4-1/8	7-1/2	1	41.86
DR30031	31/64	#2	0.4844	4-3/8	8-1/4	1	47.70
DR30032	1/2	#2	0.5000	4-3/8	8-1/4	1	46.75
DR30033	33/64	#2	0.5156	4-5/8	8-1/2	1	51.70
DR30034	17/32	#2	0.5312	4-5/8	8-1/2	1	50.98
DR30035	35/64	#2	0.5469	4-7/8	8-3/4	1	56.21
DR30036	9/16	#2	0.5625	4-7/8	8-3/4	1	55.69
DR30037	37/64	#2	0.5781	4-7/8	8-3/4	1	59.76
DR30038	19/32	#2	0.5938	4-7/8	8-3/4	1	58.24
DR30039	39/64	#2	0.6094	4-7/8	8-3/4	1	63.37
DR30040	5/8	#2	0.6250	4-7/8	8-3/4	1	61.15
DR30041	41/64	#2	0.6406	5-1/8	9"	1	70.18
DR30042	21/32	#2	0.6562	5-1/8	9"	1	68.99
DR30043	43/64	#2	0.6719	5-3/8	9-1/4	1	75.80
DR30044	11/16	#2	0.6875	5-3/8	9-1/4	1	73.64
DR30045	45/64	#2	0.7031	5-5/8	9-1/2	1	80.72
DR30046	23/32	#2	0.7188	5-5/8	9-1/2	1	78.74
DR30047	47/64	#2	0.7344	5-7/8	9-3/4	1	86.34
DR30048	3/4	#2	0.7500	5-7/8	9-3/4	1	86.34
DR30049	49/64	#2	0.7656	6"	9-7/8	1	98.72
DR30050	25/32	#2	0.7812	6"	9-7/8	1	98.40
DR30051	51/64	#3	0.7969	6-1/8	10-3/4	1	107.48
DR30052	13/16	#3	0.8125	6-1/8	10-3/4	1	105.06
DR30053	53/64	#3	0.8281	6-1/8	10-3/4	1	112.07
DR30054	27/32	#3	0.8438	6-1/8	10-3/4	1	108.74
DR30055	55/64	#3	0.8594	6-1/8	10-3/4	1	115.96

CODE	FRAC	MTS	DEC	FLT	QA	PKG	\$ EA
DR30056	7/8	#3	0.8750	6-1/8	10-3/4	1	112.07
DR30057	57/64	#3	0.8906	6-1/8	10-3/4	1	118.64
DR30058	29/32	#3	0.9062	6-1/8	10-3/4	1	118.64
DR30059	59/64	#3	0.9219	6-1/8	10-3/4	1	125.42
DR30060	15/16	#3	0.9375	6-1/8	10-3/4	1	117.78
DR30061	61/64	#3	0.9531	6-3/8	11"	1	128.67
DR30062	31/32	#3	0.9688	6-3/8	11"	1	128.54
DR30063	63/64	#3	0.9844	6-3/8	11"	1	133.32
DR30100	1"	#3	1.0000	6-3/8	11"	1	129.33
DR30101	1-1/64	#3	1.0156	6-1/2	11-1/8	1	148.80
DR30102	1-1/32	#3	1.0312	6-1/2	11-1/8	1	142.92
DR30103	1-3/64	#3	1.0469	6-5/8	11-1/4	1	156.37
DR30104	1-1/16	#3	1.0625	6-5/8	11-1/4	1	148.80
DR30105	1-5/64	#4	1.0781	6-7/8	12-1/2	1	179.99
DR30106	1-3/32	#4	1.0938	6-7/8	12-1/2	1	174.20
DR30107	1-7/64	#4	1.1094	7-1/8	12-3/4	1	185.98
DR30108	1-1/8	#4	1.1250	7-1/8	12-3/4	1	182.42
DR30109	1-9/64	#4	1.1406	7-1/4	12-7/8	1	198.69
DR30110	1-5/32	#4	1.1562	7-1/4	12-7/8	1	188.59
DR30111	1-11/64	#4	1.1719	7-3/8	13"	1	202.11
DR30112	1-3/16	#4	1.1875	7-3/8	13"	1	198.58
DR30113	1-13/64	#4	1.2031	7-1/2	13-1/8	1	214.82
DR30114	1-7/32	#4	1.2188	7-1/2	13-1/8	1	211.71
DR30115	1-15/64	#4	1.2344	7-7/8	13-1/2	1	234.20
DR30116	1-1/4	#4	1.2500	7-7/8	13-1/2	1	222.66
DR30117	1-17/64	#4	1.2656	8-1/2	14-1/8	1	271.35
DR30118	1-9/32	#4	1.2812	8-1/2	14-1/8	1	268.00
DR30119	1-19/64	#4	1.2969	8-5/8	14-1/4	1	287.54
DR30120	1-5/16	#4	1.3125	8-5/8	14-1/4	1	273.21
DR30121	1-21/64	#4	1.3281	8-3/4	14-3/8	1	298.47
DR30122	1-11/32	#4	1.3438	8-3/4	14-3/8	1	287.54
DR30123	1-23/64	#4	1.3594	8-7/8	14-1/2	1	304.09
DR30124	1-3/8	#4	1.3750	8-7/8	14-1/2	1	292.44
DR30125	1-25/64	#4	1.3906	9"	14-5/8	1	312.82
DR30126	1-13/32	#4	1.4062	9"	14-5/8	1	312.82
DR30127	1-27/64	#4	1.4219	9-1/8	14-1/4	1	323.96
DR30128	1-7/16	#4	1.4375	9-1/8	14-1/4	1	316.37
DR30129	1-29/64	#4	1.4531	9-1/4	14-7/8	1	336.67
DR30130	1-15/32	#4	1.4688	9-1/4	14-7/8	1	333.23
DR30131	1-31/64	#4	1.4844	9-3/8	15"	1	345.29
DR30132	1-1/2	#4	1.5000	9-3/8	15"	1	334.12
DR30133	1-33/64	#5	1.5156	9-3/8	16-3/8	1	432.35
DR30134	1-17/32	#5	1.5312	9-3/8	16-3/8	1	393.82
DR30135	1-35/64	#5	1.5469	9-5/8	16-5/8	1	461.74
DR30136	1-9/16	#5	1.5625	9-5/8	16-5/8	1	411.74
DR30137	1-37/64	#5	1.5781	9-7/8	16-7/8	1	429.04
DR30138	1-19/32	#5	1.5938	9-7/8	16-7/8	1	446.33
DR30139	1-39/64	#5	1.6094	10"	17"	1	450.91
DR30140	1-5/8	#5	1.6250	10"	17"	1	455.49
DR30141	1-41/64	#5	1.6406	10-1/8	17-1/8	1	467.43



MORSE TAPER SHANK DRILLS - FRACTIONAL  
FORETS A QUEUE CONIQUE MORSE - FRACTIONNEL

DR30



ANSI MTS

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
DR30142	1-21/32	#5	1.6562	10-1/8	17-1/8	1	479.36
DR30143	1-43/64	#5	1.6719	10-1/8	17-1/8	1	485.72
DR30144	1-11/16	#5	1.6875	10-1/8	17-1/8	1	492.07
DR30145	1-45/64	#5	1.7031	10-1/8	17-1/8	1	502.53
DR30146	1-23/32	#5	1.7188	10-1/8	17-1/8	1	512.98
DR30147	1-47/64	#5	1.7344	10-1/8	17-1/8	1	519.33
DR30148	1-3/4	#5	1.7500	10-1/8	17-1/8	1	525.68
DR30149	1-49/64	#5	1.7656	10-1/8	17-1/8	1	536.31
DR30150	1-25/32	#5	1.7812	10-1/8	17-1/8	1	546.93
DR30151	1-51/64	#5	1.7969	10-1/8	17-1/8	1	554.09
DR30152	1-13/16	#5	1.8125	10-1/8	17-1/8	1	561.25
DR30153	1-53/64	#5	1.8281	10-1/8	17-1/8	1	573.80
DR30154	1-27/32	#5	1.8438	10-1/8	17-1/8	1	586.35
DR30155	1-55/64	#5	1.8594	10-3/8	17-3/8	1	578.21
DR30156	1-7/8	#5	1.8750	10-3/8	17-3/8	1	570.06
DR30157	1-57/64	#5	1.8906	10-3/8	17-3/8	1	582.78
DR30158	1-29/32	#5	1.9062	10-3/8	17-3/8	1	595.49
DR30159	1-59/64	#5	1.9219	10-3/8	17-3/8	1	604.74
DR30160	1-15/16	#5	1.9375	10-3/8	17-3/8	1	613.99
DR30161	1-61/64	#5	1.9531	10-3/8	17-3/8	1	620.83
DR30162	1-31/32	#5	1.9688	10-3/8	17-3/8	1	627.67
DR30163	1-63/64	#5	1.9844	10-3/8	17-3/8	1	630.46
DR30200	2"	#5	2.0000	10-3/8	17-3/8	1	633.24
DR30201	2-1/64	#5	2.0156	10-3/8	17-3/8	1	643.91
DR30202	2-1/32	#5	2.0313	10-3/8	17-3/8	1	654.58
DR30203	2-3/64	#5	2.0469	10-1/4	17-3/8	1	665.25
DR30204	2-1/16	#5	2.0625	10-1/4	17-3/8	1	675.92
DR30206	2-3/32	#5	2.0938	10-1/4	17-3/8	1	711.10
DR30208	2-1/8	#5	2.1250	10-1/4	17-3/8	1	746.27
DR30210	2-5/32	#5	2.1563	10-1/4	17-3/8	1	764.43
DR30212	2-3/16	#5	2.1875	10-1/4	17-3/8	1	782.68
DR30214	2-7/32	#5	2.2188	10-1/8	17-3/8	1	797.09
DR30216	2-1/4	#5	2.2500	10-1/8	17-3/8	1	811.50
DR30218	2-9/32	#5	2.2813	10-1/8	17-3/8	1	857.71
DR30220	2-5/16	#5	2.3125	10-1/8	17-3/8	1	903.92

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
DR30222	2-11/32	#5	2.3438	10-1/8	17-3/8	1	901.99
DR30224	2-3/8	#5	2.3750	10-1/8	17-3/8	1	900.06
DR30226	2-13/32	#5	2.4063	11-1/4	18-3/4	1	1020.09
DR30228	2-7/16	#5	2.4375	11-1/4	18-3/4	1	1140.12
DR30230	2-15/32	#5	2.4688	11-1/4	18-3/4	1	1162.81
DR30232	2-1/2	#5	2.5000	11-1/4	18-3/4	1	1185.49
DR30234	2-17/32	#5	2.5313	11-7/8	19-1/2	1	1235.57
DR30236	2-9/16	#5	2.5625	11-7/8	19-1/2	1	1285.65
DR30238	2-19/32	#5	2.5938	11-7/8	19-1/2	1	1358.04
DR30240	2-5/8	#5	2.6250	11-7/8	19-1/2	1	1430.42
DR30242	2-21/32	#5	2.6563	12-3/4	20-3/8	1	1454.49
DR30244	2-11/16	#5	2.6875	12-3/4	20-3/8	1	1478.56
DR30246	2-23/32	#5	2.7188	12-3/4	20-3/8	1	1502.64
DR30248	2-3/4	#5	2.7500	12-3/4	20-3/8	1	1526.72
DR30250	2-25/32	#5	2.7813	13-3/8	21-1/8	1	1630.11
DR30252	2-13/16	#5	2.8125	13-3/8	21-1/8	1	1733.49
DR30254	2-27/32	#5	2.8438	13-3/8	21-1/8	1	1779.74
DR30256	2-7/8	#5	2.8750	13-3/8	21-1/8	1	1825.99
DR30258	2-29/32	#5	2.9063	13-3/8	21-1/8	1	1876.48
DR30260	2-15/16	#5	2.9375	14"	21-3/4	1	1926.97
DR30262	2-31/32	#5	2.9688	14"	21-3/4	1	1931.85
DR30300	3"	#5	3.0000	14"	21-3/4	1	1936.73
DR30304	3-1/16	#6	3.0625	14-5/8	24-1/2	1	2369.60
DR30308	3-1/8	#6	3.1250	14-5/8	24-1/2	1	2369.60
DR30312	3-3/16	#6	3.1875	14-5/8	24-1/2	1	2704.10
DR30316	3-1/4	#6	3.2500	15-1/2	25-1/2	1	2704.10
DR30320	3-5/16	#6	3.3125	15-1/2	25-1/2	1	2989.40
DR30324	3-3/8	#6	3.3750	15-1/2	25-1/2	1	3197.50
DR30328	3-7/16	#6	3.4375	15-1/2	25-1/2	1	4021.30
DR30332	3-1/2	#6	3.5000	16-3/8	26-1/2	1	3692.30
DR30340	3-5/8	#6	3.6250	16-3/8	26-1/2	1	4166.00
DR30348	3-3/4	#6	3.7500	16-3/8	26-1/2	1	5105.10
DR30356	3-7/8	#6	3.8750	16-3/8	26-1/2	1	5685.90
DR30400	4"	#6	4.0000	17-1/2	27-1/2	1	6431.90

MORSE TAPER SHANK DRILLS - METRIC  
FORETS A QUEUE CONIQUE - METRIQUE

DR35



MTS

CODE	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR35020	2.00	#1	0.0787	24	105	1	71.90
DR35025	2.50	#1	0.0684	30	111	1	71.90
DR35030	3.00	#1	0.1181	33	114	1	35.95
DR35035	3.50	#1	0.1378	39	120	1	35.95
DR35040	4.00	#1	0.1575	43	123	1	36.35

CODE	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR35045	4.50	#1	0.1772	47	128	1	36.35
DR35050	5.00	#1	0.1958	53	133	1	37.20
DR35054	5.40	#1	0.2126	57	138	1	37.65
DR35055	5.50	#1	0.2165	57	138	1	38.05
DR35060	6.00	#1	0.2382	57	138	1	38.90

MORSE TAPER SHANK DRILLS - METRIC  
FORETS A QUEUE CONIQUE - METRIQUE

DR35



MTS

DRILLS - TAPER SHANK

FORETS - QUEUE CONIQUE

CODE	MM	MTS	DEC	FLT	QA	PKG	\$ EA
DR35065	6.50	#1	0.2559	63	144	1	40.60
DR35067	6.75	#1	0.2657	69	150	1	42.30
DR35068	6.80	#1	0.2677	69	150	1	42.30
DR35069	6.90	#1	0.2717	69	150	1	42.30
DR35070	7.00	#1	0.2756	69	150	1	42.30
DR35075	7.50	#1	0.2953	69	150	1	43.95
DR35078	7.80	#1	0.3071	75	156	1	43.95
DR35080	8.00	#1	0.3150	75	156	1	46.50
DR35082	8.25	#1	0.3248	75	156	1	46.50
DR35085	8.50	#1	0.3346	75	156	1	48.60
DR35087	8.75	#1	0.3445	81	162	1	50.30
DR35088	8.80	#1	0.3465	81	162	1	50.30
DR35090	9.00	#1	0.3543	81	162	1	50.75
DR35092	9.20	#1	0.3622	81	162	1	51.60
DR35095	9.50	#1	0.3740	81	162	1	52.85
DR35096	9.60	#1	0.3780	87	168	1	54.10
DR35100	10.00	#1	0.3937	87	168	1	33.35
DR35102	10.20	#1	0.4016	87	168	1	54.25
DR35103	10.25	#1	0.4035	87	168	1	71.10
DR35105	10.50	#1	0.4134	87	168	1	40.10
DR35106	10.60	#1	0.4173	87	168	1	73.80
DR35107	10.75	#1	0.4232	94	175	1	75.00
DR35108	10.80	#1	0.4252	94	175	1	75.30
DR35110	11.00	#1	0.4331	94	175	1	40.10
DR35112	11.25	#1	0.4429	94	175	1	79.05
DR35115	11.50	#1	0.4528	94	175	1	44.65
DR35116	11.60	#1	0.4567	94	175	1	81.40
DR35117	11.75	#1	0.4626	94	175	1	82.90
DR35120	12.00	#1	0.4724	101	182	1	44.65
DR35122	12.25	#1	0.4823	101	182	1	87.10
DR35125	12.50	#1	0.4921	101	182	1	48.50
DR35127	12.75	#1	0.5020	101	182	1	45.25
DR35130	13.00	#1	0.5118	101	182	1	41.45
DR35132	13.25	#1	0.5217	106	189	1	87.81
DR35135	13.50	#1	0.5315	106	189	1	45.93
DR35137	13.75	#1	0.5413	106	189	1	71.32
DR35140	14.00	#1	0.5512	106	189	1	44.27
DR35142	14.25	#2	0.5610	114	212	1	69.66
DR35145	14.50	#2	0.5709	114	212	1	47.39
DR35147	14.75	#2	0.5807	114	212	1	74.91
DR35150	15.00	#2	0.5906	114	212	1	51.37
DR35152	15.25	#2	0.6004	120	218	1	78.05
DR35155	15.50	#2	0.6102	120	218	1	51.96
DR35157	15.75	#2	0.6201	120	218	1	80.07
DR35160	16.00	#2	0.6299	120	218	1	53.18
DR35162	16.25	#2	0.6398	125	223	1	83.97
DR35165	16.50	#2	0.6496	125	223	1	57.17
DR35167	16.75	#2	0.6594	125	223	1	89.81
DR35170	17.00	#2	0.6693	125	223	1	80.92
DR35172	17.25	#2	0.6791	130	228	1	93.12

CODE	MM	MTS	DEC	FLT	QA	PKG	\$ EA
DR35175	17.50	#2	0.6890	130	228	1	61.51
DR35177	17.75	#2	0.6988	130	228	1	95.11
DR35180	18.00	#2	0.7087	130	228	1	63.54
DR35182	18.25	#2	0.7185	135	233	1	97.63
DR35185	18.50	#2	0.7283	135	233	1	65.47
DR35187	18.75	#2	0.7382	135	233	1	102.26
DR35190	19.00	#2	0.7480	135	233	1	69.24
DR35192	19.25	#2	0.7579	140	238	1	107.44
DR35195	19.50	#2	0.7677	140	238	1	72.47
DR35197	19.75	#2	0.7776	140	238	1	110.70
DR35200	20.00	#2	0.7874	140	238	1	73.77
DR35202	20.25	#2	0.7972	145	243	1	115.27
DR35205	20.50	#2	0.8071	145	243	1	78.09
DR35207	20.75	#2	0.8169	145	243	1	119.70
DR35210	21.00	#2	0.8268	145	243	1	79.58
DR35212	21.25	#2	0.8366	150	248	1	128.36
DR35215	21.50	#2	0.8465	150	248	1	86.66
DR35217	21.75	#2	0.8563	150	248	1	134.00
DR35220	22.00	#2	0.8661	150	248	1	90.42
DR35222	22.25	#2	0.8760	150	248	1	141.91
DR35225	22.50	#2	0.8858	155	253	1	96.16
DR35227	22.75	#2	0.8957	155	253	1	149.10
DR35230	23.00	#2	0.9055	155	253	1	100.01
DR35232	23.25	#3	0.9154	155	276	1	153.86
DR35235	23.50	#3	0.9252	155	276	1	105.06
DR35237	23.75	#3	0.9350	160	281	1	163.41
DR35240	24.00	#3	0.9449	160	281	1	109.61
DR35242	24.25	#3	0.9547	160	281	1	169.81
DR35245	24.50	#3	0.9646	160	281	1	121.85
DR35247	24.75	#3	0.9744	160	281	1	176.97
DR35250	25.00	#3	0.9842	160	281	1	118.64
DR35252	25.25	#3	0.9941	165	286	1	198.42
DR35255	25.50	#3	1.0039	165	286	1	123.70
DR35257	25.75	#3	1.0138	165	286	1	216.67
DR35260	26.00	#3	1.0236	165	286	1	128.21
DR35265	26.50	#3	1.0433	165	286	1	142.04
DR35270	27.00	#3	1.0630	170	291	1	138.48
DR35272	27.25	#3	1.0728	170	291	1	233.12
DR35275	27.50	#3	1.0827	170	291	1	153.10
DR35280	28.00	#3	1.1024	170	291	1	150.09
DR35282	28.25	#3	1.1122	175	296	1	233.16
DR35285	28.50	#3	1.1220	175	296	1	164.50
DR35290	29.00	#3	1.1417	175	296	1	162.20
DR35295	29.50	#3	1.1614	175	296	1	167.99
DR35297	29.75	#3	1.1713	175	296	1	268.07
DR35300	30.00	#3	1.1811	175	296	1	173.68
DR35305	30.50	#3	1.2008	180	301	1	286.66
DR35310	31.00	#3	1.2205	180	301	1	197.07
DR35315	31.50	#3	1.2402	180	301	1	300.09
DR35317	31.75	#3	1.2500	185	306	1	314.04



**MORSE TAPER SHANK DRILLS - METRIC**  
**FORETS A QUEUE CONIQUE - METRIQUE**

**DR35**



**MTS**

CODE	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR35320	32.00	#4	1.2598	185	334	1	211.60
DR35325	32.50	#4	1.2795	185	334	1	329.02
DR35330	33.00	#4	1.2992	185	334	1	224.77
DR35335	33.50	#4	1.3189	185	334	1	343.51
DR35340	34.00	#4	1.3386	190	339	1	233.23
DR35345	34.50	#4	1.3583	190	339	1	374.62
DR35350	35.00	#4	1.3780	190	339	1	251.31
DR35355	35.50	#4	1.3976	190	339	1	397.38
DR35360	36.00	#4	1.4173	195	344	1	264.01
DR35365	36.50	#4	1.4370	195	344	1	426.74
DR35370	37.00	#4	1.4567	195	344	1	293.19
DR35375	37.50	#4	1.4764	195	344	1	452.81
DR35380	38.00	#4	1.4961	200	349	1	312.71
DR35385	38.50	#4	1.5157	200	349	1	482.10
DR35390	39.00	#4	1.5354	200	349	1	332.29
DR35395	39.50	#4	1.5551	200	349	1	508.18
DR35400	40.00	#4	1.5748	200	349	1	348.55
DR35405	40.50	#4	1.5945	205	354	1	540.76
DR35410	41.00	#4	1.6142	205	354	1	374.62
DR35415	41.50	#4	1.6339	205	354	1	576.60
DR35420	42.00	#4	1.6535	205	354	1	386.90
DR35425	42.50	#4	1.6732	205	354	1	609.16
DR35430	43.00	#4	1.6929	210	359	1	420.23
DR35435	43.50	#4	1.7126	210	359	1	641.75
DR35440	44.00	#4	1.7323	210	359	1	439.76
DR35445	44.50	#4	1.7520	210	359	1	680.84
DR35450	45.00	#4	1.7716	210	359	1	469.07
DR35455	45.50	#4	1.7913	215	364	1	719.93
DR35460	46.00	#4	1.8110	215	364	1	491.88
DR35465	46.50	#4	1.8307	215	364	1	755.73
DR35470	47.00	#4	1.8504	215	364	1	521.21
DR35475	47.50	#4	1.8701	215	364	1	798.06
DR35480	48.00	#4	1.8898	220	369	1	547.27

CODE	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR35485	48.50	#4	1.9094	220	369	1	843.70
DR35490	49.00	#4	1.9291	220	369	1	579.86
DR35495	49.50	#4	1.9488	220	369	1	889.31
DR35500	50.00	#4	1.9685	220	369	1	605.91
DR35505	50.50	#4	1.9882	225	374	1	934.90
DR35510	51.00	#5	2.0079	225	412	1	960.97
DR35520	52.00	#5	2.0472	225	412	1	1015.02
DR35530	53.00	#5	2.0866	225	412	1	1065.23
DR35540	54.00	#5	2.1260	230	417	1	1114.08
DR35550	55.00	#5	2.1654	230	417	1	778.55
DR35560	56.00	#5	2.2047	230	417	1	1224.81
DR35570	57.00	#5	2.2441	235	422	1	1283.48
DR35580	58.00	#5	2.2835	235	422	1	1345.35
DR35590	59.00	#5	2.3228	235	422	1	1407.24
DR35600	60.00	#5	2.3622	235	422	1	977.25
DR35610	61.00	#5	2.4016	240	427	1	1534.28
DR35620	62.00	#5	2.4409	240	427	1	1609.23
DR35630	63.00	#5	2.4803	240	427	1	1677.62
DR35640	64.00	#5	2.5197	245	432	1	1749.26
DR35650	65.00	#5	2.5591	245	432	1	1211.78
DR35660	66.00	#5	2.5984	245	432	1	1899.14
DR35670	67.00	#5	2.6378	245	432	1	1977.30
DR35680	68.00	#5	2.6772	250	437	1	2058.75
DR35690	69.00	#5	2.7165	250	437	1	2140.19
DR35700	70.00	#5	2.7559	250	437	1	1478.91
DR35710	71.00	#5	2.7953	250	437	1	2309.58
DR35720	72.00	#5	2.8346	255	442	1	2400.80
DR35730	73.00	#5	2.8740	255	442	1	2488.72
DR35740	74.00	#5	2.9134	255	442	1	2579.92
DR35750	75.00	#5	2.9527	255	442	1	1778.61
DR35760	76.00	#5	2.9921	260	447	1	2772.14
DR35800	80.00	#6	3.1436	260	514	1	3414.97

**ARMOUR PIERCING DRILLS - TAPER SHANK - COBALT**  
**FORETS A ARMURE PERCANTE - QUEUE CONIQUE - COBALT**

**DR34**



**COBALT**

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
DR34012	3/16	#1	0.1875	1-1/2	4-13/16	1	123.80
DR34014	7/32	#1	0.2188	1-5/8	4-15/16	1	121.00
DR34018	1/4	#1	0.2500	2"	5-5/16	1	91.69
DR34018	9/32	#1	0.2812	2"	5-5/16	1	149.99
DR34020	5/16	#1	0.3125	2-1/8	5-7/16	1	149.99
DR34022	11/32	#1	0.3438	2-1/8	5-7/16	1	106.88
DR34024	3/8	#1	0.3750	2-3/16	5-1/2	1	106.88
DR34028	7/16	#2	0.4375	3"	6-7/8	1	182.81
DR34032	1/2	#2	0.5000	3-3/16	7-1/16	1	137.43
DR34036	9/16	#2	0.5625	3-3/8	7-1/4	1	228.43
DR34040	5/8	#2	0.6250	3-1/2	7-3/8	1	177.68

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
DR34044	11/16	#2	0.6875	3-5/8	7-1/2	1	278.49
DR34048	3/4	#3	0.7500	3-3/4	8-3/8	1	234.22
DR34052	13/16	#3	0.8125	4"	8-5/8	1	391.66
DR34056	7/8	#3	0.8750	4-1/8	8-3/4	1	312.86
DR34060	15/16	#3	0.9375	4-1/8	8-3/4	1	362.88
DR34100	1"	#3	1.0000	4-1/4	8-7/8	1	423.71
DR34108	1-1/8	#4	1.1250	4-7/8	10-5/8	1	627.20
DR34116	1-1/4	#4	1.2500	5-1/4	11"	1	681.28
DR34124	1-3/8	#4	1.3750	5-3/4	11-1/2	1	843.92
DR34132	1-1/2	#4	1.5000	6"	11-3/4	1	744.89

MORSE TAPER SHANK DRILLS - HEAVY DUTY - COBALT  
FORETS A QUEUE CONIQUE - ROBUSTE - COBALT

DR36



HEAVY DUTY

DRILLS - TAPER SHANK

FORETS - QUEUE CONIQUE

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
DR36016	1/4	#1	0.2500	2-7/8	6-1/8	1	61.95
DR36017	17/64	#1	0.2656	3"	6-1/4	1	63.22
DR36018	9/32	#1	0.2812	3"	6-1/4	1	66.88
DR36019	19/64	#1	0.2969	3-1/8	6-3/8	1	63.22
DR36020	5/16	#1	0.3125	3-1/8	6-3/8	1	66.88
DR36021	21/64	#1	0.3281	3-1/4	6-1/2	1	74.13
DR36022	11/32	#1	0.3438	3-1/4	6-1/2	1	78.50
DR36023	23/64	#1	0.3594	3-1/2	6-3/4	1	86.00
DR36024	3/8	#1	0.3750	3-1/2	6-3/4	1	94.61
DR36025	25/64	#1	0.3906	3-5/8	7"	1	93.60
DR36026	13/32	#1	0.4062	3-5/8	7"	1	100.39
DR36027	27/64	#1	0.4219	3-7/8	7-1/4	1	111.02
DR36028	7/16	#1	0.4375	3-7/8	7-1/4	1	108.33
DR36029	29/64	#1	0.4531	4-1/8	7-1/2	1	119.07
DR36030	15/32	#1	0.4688	4-1/8	7-1/2	1	111.60
DR36031	31/64	#2	0.4844	4-3/8	8-1/4	1	123.04
DR36032	1/2	#2	0.5000	4-3/8	8-1/4	1	120.05
DR36033	33/64	#2	0.5156	4-5/8	8-1/2	1	141.01
DR36034	17/32	#2	0.5312	4-5/8	8-1/2	1	138.94
DR36035	35/64	#2	0.5469	4-7/8	8-3/4	1	140.94
DR36036	9/16	#2	0.5625	4-7/8	8-3/4	1	145.17
DR36037	37/64	#2	0.5781	4-7/8	8-3/4	1	149.63
DR36038	19/32	#2	0.5938	4-7/8	8-3/4	1	154.09
DR36039	39/64	#2	0.6094	4-7/8	8-3/4	1	159.63
DR36040	5/8	#2	0.6250	4-7/8	8-3/4	1	165.17
DR36041	41/64	#2	0.6406	5-1/8	9"	1	177.11
DR36042	21/32	#2	0.6562	5-1/8	9-3/4	1	189.04
DR36043	43/64	#2	0.6719	5-3/8	9-1/4	1	195.44
DR36044	11/16	#2	0.6875	5-3/8	10"	1	201.84
DR36045	45/64	#2	0.7031	5-5/8	9-1/2	1	210.98
DR36046	23/32	#2	0.7188	5-5/8	10-1/4	1	220.11
DR36047	47/64	#2	0.7344	5-7/8	9-3/4	1	227.06
DR36048	3/4	#2	0.7500	5-7/8	10-1/2	1	234.00
DR36049	49/64	#2	0.7656	6"	9-7/8	1	240.09
DR36050	25/32	#2	0.7812	6"	10-5/8	1	246.17
DR36051	51/64	#3	0.7969	6-1/8	10-3/4	1	250.16
DR36052	13/16	#3	0.8125	6-1/8	10-3/4	1	254.15
DR36053	53/64	#3	0.8281	6-1/8	10-3/4	1	275.06
DR36054	27/32	#3	0.8438	6-1/8	10-3/4	1	295.97
DR36055	55/64	#3	0.8594	6-1/8	10-3/4	1	295.97
DR36056	7/8	#3	0.8750	6-1/8	10-3/4	1	295.97
DR36057	57/64	#3	0.8906	6-1/8	10-3/4	1	321.97
DR36058	29/32	#3	0.9062	6-1/8	10-3/4	1	347.96
DR36059	59/64	#3	0.9219	6-1/8	10-3/4	1	347.96
DR36060	15/16	#3	0.9375	6-1/8	10-3/4	1	347.96
DR36061	61/64	#3	0.9531	6-3/8	11"	1	370.83
DR36062	31/32	#3	0.9688	6-1/8	10-3/4	1	393.69
DR36063	63/64	#3	0.9844	6-3/8	11"	1	393.69
DR36100	1"	#3	1.0000	6-3/8	11"	1	393.69
DR36101	1-1/64	#3	1.0156	6-1/2	11-1/8	1	421.33

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
DR36102	1-1/32	#3	1.0312	6-1/2	11-1/8	1	448.97
DR36103	1-3/64	#3	1.0469	6-5/8	11-1/4	1	476.60
DR36104	1-1/16	#4	1.0625	6-5/8	12-5/32	1	504.24
DR36105	1-5/64	#4	1.0781	6-7/8	12-1/2	1	516.14
DR36106	1-3/32	#4	1.0938	6-7/8	12-1/2	1	528.05
DR36107	1-7/64	#4	1.1094	7-1/8	12-3/4	1	539.95
DR36108	1-1/8	#4	1.1250	7-1/8	12-3/4	1	551.85
DR36109	1-9/64	#4	1.1406	7-1/4	12-7/8	1	570.27
DR36110	1-5/32	#4	1.1562	7-1/4	12-7/8	1	588.69
DR36111	1-11/64	#4	1.1719	7-3/8	13"	1	607.11
DR36112	1-3/16	#4	1.1875	7-3/8	13"	1	625.53
DR36113	1-13/64	#4	1.2031	7-1/2	13-1/8	1	647.35
DR36114	1-7/32	#4	1.2188	7-1/2	13-1/8	1	669.16
DR36115	1-15/64	#4	1.2344	7-7/8	13-1/2	1	690.98
DR36116	1-1/4	#4	1.2500	7-7/8	13-1/2	1	712.79
DR36117	1-17/64	#4	1.2656	8-1/2	14-1/8	1	735.66
DR36118	1-9/32	#4	1.2812	8-1/2	14-1/8	1	758.53
DR36119	1-19/64	#4	1.2969	8-5/8	14-1/4	1	781.40
DR36120	1-5/16	#4	1.3125	8-5/8	14-1/4	1	804.27
DR36121	1-21/64	#4	1.3281	8-3/4	14-3/8	1	827.13
DR36122	1-11/32	#4	1.3438	8-3/4	14-3/8	1	850.00
DR36123	1-23/64	#4	1.3594	8-7/8	14-1/2	1	872.87
DR36124	1-3/8	#4	1.3750	8-7/8	15-7/8	1	895.74
DR36125	1-25/64	#4	1.3906	9"	14-5/8	1	913.73
DR36126	1-13/32	#4	1.4062	9"	14-5/8	1	931.73
DR36127	1-27/64	#4	1.4219	9-1/8	14-1/4	1	949.72
DR36128	1-7/16	#4	1.4375	9-1/8	14-1/4	1	967.72
DR36129	1-29/64	#4	1.4531	9-1/4	14-7/8	1	985.71
DR36130	1-15/32	#4	1.4688	9-1/4	14-7/8	1	1003.70
DR36131	1-31/64	#4	1.4844	9-3/8	15"	1	1021.70
DR36132	1-1/2	#4	1.5000	9-3/8	16-3/8	1	1039.69
DR36140	1-5/8	#5	1.6250	10"	17"	1	1320.80
DR36148	1-3/4	#5	1.7500	10-1/8	17-1/8	1	1653.75
DR36152	1-13/16	#5	1.8125	10-1/8	17-1/8	1	1786.05
DR36200	2"	#5	2.0000	10-3/8	17-3/8	1	2017.58



EXTRA LONG TAPER SHANK DRILLS - HSS  
FORETS A QUEUE CONIQUE - ULTRA LONGUE

DR42-43-44-45



EXTRA LONG

DRILLS - TAPER SHANK

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR42101	1/8	-	#1	0.1250	5"	8"	1	76.04
DR43008	1/8	-	#1	0.1250	9"	12"	1	118.07
DR42102	9/64	-	#1	0.1406	5"	8"	1	79.74
DR42103	5/32	-	#1	0.1563	5"	8"	1	79.74
DR42010	5/32	-	#1	0.1563	7"	10"	1	97.50
DR43010	5/32	-	#1	0.1563	9"	12"	1	119.78
DR42104	11/64	-	#1	0.1719	5"	8"	1	79.74
DR42011	11/64	-	#1	0.1719	7"	10"	1	100.49
DR43011	11/64	-	#1	0.1719	9"	12"	1	120.05
DR42105	3/16	-	#1	0.1875	5"	8"	1	79.74
DR43012	3/16	-	#1	0.1875	7"	10"	1	120.17
DR44012	3/16	-	#1	0.1875	9"	12"	1	146.92
DR42106	13/64	-	#1	0.2031	5"	8"	1	79.74
DR42013	13/64	-	#1	0.2031	7"	10"	1	103.43
DR43013	13/64	-	#1	0.2031	9"	12"	1	122.51
DR44013	13/64	-	#1	0.2031	12"	15"	1	154.98
DR42107	7/32	-	#1	0.2188	5"	8"	1	79.74
DR42014	7/32	-	#1	0.2188	7"	10"	1	106.48
DR43014	7/32	-	#1	0.2188	9"	12"	1	122.83
DR44014	7/32	-	#1	0.2188	12"	15"	1	163.05
DR42108	15/64	-	#1	0.2344	5"	8"	1	79.74
DR42015	15/64	-	#1	0.2344	7"	10"	1	109.47
DR43015	15/64	-	#1	0.2344	9"	12"	1	130.76
DR44015	15/64	-	#1	0.2344	12"	15"	1	171.11
DR42001	1/4	-	#1	0.2500	5"	8"	1	79.01
DR42018	1/4	-	#1	0.2500	7"	10"	1	112.46
DR43016	1/4	-	#1	0.2500	9"	12"	1	141.16
DR44016	1/4	-	#1	0.2500	12"	15"	1	179.17
DR45016	1/4	-	#1	0.2500	15"	18"	1	201.76
DR42109	17/64	-	#1	0.2656	5"	8"	1	79.62
DR43017	17/64	-	#1	0.2656	9"	12"	1	135.58
DR44017	17/64	-	#1	0.2656	12"	15"	1	171.28
DR45017	17/64	-	#1	0.2656	15"	18"	1	203.91
DR42110	9/32	-	#1	0.2813	5"	8"	1	80.22
DR42018	9/32	-	#1	0.2813	7"	10"	1	111.07
DR43018	9/32	-	#1	0.2813	9"	12"	1	129.99
DR44018	9/32	-	#1	0.2813	12"	15"	1	163.39
DR45018	9/32	-	#1	0.2813	15"	18"	1	206.06
DR42111	19/64	-	#1	0.2969	5"	8"	1	80.63
DR42019	19/64	-	#1	0.2969	7"	10"	1	114.53
DR43019	19/64	-	#1	0.2969	9"	12"	1	129.99
DR44019	19/64	-	#1	0.2969	12"	15"	1	171.28
DR45019	19/64	-	#1	0.2969	15"	18"	1	208.21
DR42002	5/16	-	#1	0.3125	5"	8"	1	81.43
DR43020	5/16	-	#1	0.3125	9"	12"	1	129.99
DR43720	5/16	-	#2	0.3125	10"	14"	1	156.98
DR44020	5/16	-	#1	0.3125	12"	15"	1	179.17
DR45020	5/16	-	#1	0.3125	15"	18"	1	210.36
DR42112	21/64	-	#1	0.3281	5"	8"	1	82.94
DR42021	21/64	-	#1	0.3281	7"	10"	1	117.98

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR43021	21/64	-	#1	0.3281	9"	12"	1	140.62
DR44021	21/64	-	#1	0.3281	12"	15"	1	179.88
DR45021	21/64	-	#1	0.3281	15"	18"	1	214.33
DR42003	11/32	-	#1	0.3438	5"	8"	1	84.45
DR43022	11/32	-	#1	0.3438	9"	12"	1	151.24
DR44022	11/32	-	#1	0.3438	12"	15"	1	180.59
DR45022	11/32	-	#1	0.3438	15"	18"	1	218.30
DR42113	23/64	-	#1	0.3594	5"	8"	1	86.49
DR42023	23/64	-	#1	0.3594	7"	10"	1	121.44
DR43023	23/64	-	#1	0.3594	9"	12"	1	140.78
DR44023	23/64	-	#1	0.3594	12"	15"	1	182.31
DR45023	23/64	-	#1	0.3594	15"	18"	1	223.26
DR42004	3/8	-	#1	0.3750	5"	8"	1	88.52
DR42024	3/8	-	#1	0.3750	7"	10"	1	124.89
DR43024	3/8	-	#1	0.3750	9"	12"	1	130.31
DR44024	3/8	-	#1	0.3750	12"	15"	1	184.03
DR45024	3/8	-	#1	0.3750	15"	18"	1	228.22
DR45401	3/8	-	#1	0.3750	21"	24"	1	330.33
DR43025	25/64	-	#1	0.3906	9"	12"	1	150.46
DR44025	25/64	-	#1	0.3906	12"	15"	1	192.63
DR45025	25/64	-	#1	0.3906	15"	18"	1	228.22
DR45402	25/64	-	#1	0.3906	21"	24"	1	330.33
DR43026	13/32	-	#1	0.4063	9"	12"	1	170.61
DR44026	13/32	-	#1	0.4063	12"	15"	1	201.23
DR45026	13/32	-	#1	0.4063	15"	18"	1	228.22
DR45403	13/32	-	#1	0.4063	21"	24"	1	330.33
DR43027	27/64	-	#1	0.4219	7"	10"	1	150.46
DR44027	27/64	-	#1	0.4219	9"	12"	1	235.57
DR45027	27/64	-	#1	0.4219	15"	18"	1	228.22
DR45404	27/64	-	#1	0.4219	21"	24"	1	330.33
DR42028	7/16	-	#1	0.4375	7"	10"	1	130.31
DR43028	7/16	-	#1	0.4375	9"	12"	1	130.31
DR43728	7/16	-	#1	0.4375	11"	14"	1	175.18
DR44028	7/16	-	#1	0.4375	12"	15"	1	269.91
DR45028	7/16	-	#1	0.4375	15"	18"	1	228.22
DR45405	7/16	-	#1	0.4375	21"	24"	1	330.33
DR42114	29/64	-	#1	0.4531	5"	8"	1	105.61
DR42029	29/64	-	#1	0.4531	7"	10"	1	138.85
DR43029	29/64	-	#1	0.4531	9"	12"	1	158.05
DR44029	29/64	-	#1	0.4531	12"	15"	1	238.15
DR45029	29/64	-	#1	0.4531	15"	18"	1	228.22
DR45406	29/64	-	#1	0.4531	21"	24"	1	330.33
DR42115	15/32	-	#1	0.4688	5"	8"	1	109.88
DR42030	15/32	-	#1	0.4688	7"	10"	1	147.39
DR43030	15/32	-	#1	0.4688	9"	12"	1	185.79
DR43730	15/32	-	#1	0.4688	11"	14"	1	175.18
DR44030	15/32	-	#1	0.4688	12"	15"	1	206.39
DR45030	15/32	-	#1	0.4688	15"	18"	1	228.22
DR45407	15/32	-	#1	0.4688	21"	24"	1	330.33
DR42031	31/64	-	#1	0.4844	7"	10"	1	137.91

FORETS - QUEUE CONIQUE

EXTRA LONG TAPER SHANK DRILLS - HSS  
FORETS A QUEUE CONIQUE - ULTRA LONGUE

DR42-43-44-45



EXTRA LONG

DRILLS - TAPER SHANK

FORETS - QUEUE CONIQUE

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR43031	31/64	-	#2	0.4844	8"	12"	1	158.78
DR43731	31/64	-	#2	0.4844	10"	14"	1	177.82
DR44031	31/64	-	#2	0.4844	11"	15"	1	203.88
DR45031	31/64	-	#2	0.4844	14"	18"	1	228.22
DR45408	31/64	-	#2	0.4844	20"	24"	1	330.33
DR42032	1/2	-	#2	0.5000	6"	10"	1	128.42
DR43032	1/2	-	#2	0.5000	8"	12"	1	131.76
DR43732	1/2	-	#2	0.5000	10"	14"	1	193.28
DR44032	1/2	-	#2	0.5000	11"	15"	1	201.36
DR45032	1/2	-	#2	0.5000	14"	18"	1	228.22
DR45409	1/2	-	#2	0.5000	20"	24"	1	330.33
DR43630	-	13.00	#1	0.5118	205	310	1	182.21
DR44630	-	13.00	#1	0.5118	260	395	1	347.28
DR42033	33/64	-	#2	0.5156	6"	10"	1	131.38
DR43033	33/64	-	#2	0.5156	8"	12"	1	150.43
DR43733	33/64	-	#2	0.5156	10"	14"	1	179.58
DR44033	33/64	-	#2	0.5156	11"	15"	1	262.01
DR45033	33/64	-	#2	0.5156	14"	18"	1	228.22
DR45233	33/64	-	#2	0.5156	14"	20"	1	300.30
DR45410	33/64	-	#2	0.5156	20"	24"	1	343.23
DR42034	17/32	-	#2	0.5313	6"	10"	1	134.34
DR43034	17/32	-	#2	0.5313	8"	12"	1	169.09
DR43734	17/32	-	#2	0.5313	10"	14"	1	186.99
DR44034	17/32	-	#2	0.5313	11"	15"	1	322.65
DR45034	17/32	-	#2	0.5313	14"	18"	1	228.22
DR45411	17/32	-	#2	0.5313	20"	24"	1	343.23
DR43635	-	13.50	#1	0.5315	220	325	1	188.65
DR44635	-	13.50	#1	0.5315	275	410	1	355.03
DR42035	35/64	-	#2	0.5469	6"	10"	1	142.72
DR43035	35/64	-	#2	0.5469	8"	12"	1	165.99
DR43735	35/64	-	#2	0.5469	10"	14"	1	195.28
DR44035	35/64	-	#2	0.5469	11"	15"	1	316.45
DR45035	35/64	-	#2	0.5469	14"	18"	1	229.88
DR45412	35/64	-	#2	0.5469	20"	24"	1	343.23
DR43640	-	14.00	#1	0.5512	220	325	1	194.08
DR44640	-	14.00	#1	0.5512	275	410	1	371.13
DR42036	9/16	-	#2	0.5625	6"	10"	1	151.10
DR43036	9/16	-	#2	0.5625	8"	12"	1	162.89
DR43736	9/16	-	#2	0.5625	10"	14"	1	195.28
DR44036	9/16	-	#2	0.5625	11"	15"	1	310.24
DR45036	9/16	-	#2	0.5625	14"	18"	1	231.53
DR45236	9/16	-	#2	0.5625	14"	20"	1	307.13
DR45413	9/16	-	#2	0.5625	20"	24"	1	343.23
DR44645	-	14.50	#2	0.5709	220	340	1	344.46
DR45645	-	14.50	#2	0.5709	275	425	1	450.83
DR42037	37/64	-	#2	0.5781	6"	10"	1	155.72
DR43037	37/64	-	#2	0.5781	8"	12"	1	165.49
DR43737	37/64	-	#2	0.5781	10"	14"	1	195.28
DR44037	37/64	-	#2	0.5781	11"	15"	1	291.63
DR45037	37/64	-	#2	0.5781	14"	18"	1	242.06

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR45414	37/64	-	#2	0.5781	20"	24"	1	343.23
DR44650	-	15.00	#2	0.5906	220	340	1	367.74
DR45650	-	15.00	#2	0.5906	275	425	1	456.26
DR42038	19/32	-	#2	0.5938	6"	10"	1	160.97
DR43038	19/32	-	#2	0.5938	8"	12"	1	176.80
DR43738	19/32	-	#2	0.5938	10"	14"	1	195.28
DR44038	19/32	-	#2	0.5938	11"	15"	1	273.01
DR45038	19/32	-	#2	0.5938	14"	18"	1	252.58
DR45238	19/32	-	#2	0.5938	14"	20"	1	307.13
DR45415	19/32	-	#2	0.5938	20"	24"	1	343.23
DR42039	39/64	-	#2	0.6094	6"	10"	1	163.24
DR43039	39/64	-	#2	0.6094	8"	12"	1	181.27
DR43739	39/64	-	#2	0.6094	10"	14"	1	205.95
DR44039	39/64	-	#2	0.6094	11"	15"	1	254.40
DR45039	39/64	-	#2	0.6094	14"	18"	1	263.11
DR45416	39/64	-	#2	0.6094	20"	24"	1	343.23
DR42040	5/8	-	#2	0.6102	6"	10"	1	167.56
DR43040	5/8	-	#2	0.6102	8"	12"	1	143.50
DR43740	5/8	-	#2	0.6250	10"	14"	1	205.95
DR44040	5/8	-	#2	0.6250	11"	15"	1	235.78
DR45040	5/8	-	#2	0.6250	14"	18"	1	273.63
DR45417	5/8	-	#2	0.6250	20"	24"	1	343.23
DR44660	-	16.00	#2	0.6299	230	365	1	394.98
DR45660	-	16.00	#2	0.6299	295	445	1	493.73
DR43041	41/64	-	#2	0.6299	8"	12"	1	192.84
DR43741	41/64	-	#2	0.6299	10"	14"	1	214.11
DR44041	41/64	-	#2	0.6406	11"	15"	1	275.33
DR45041	41/64	-	#2	0.6406	14"	18"	1	279.10
DR45418	41/64	-	#2	0.6406	20"	24"	1	343.23
DR44665	-	16.50	#2	0.6496	230	365	1	397.55
DR45665	-	16.50	#2	0.6496	295	445	1	516.95
DR43042	21/32	-	#2	0.6563	8"	12"	1	197.34
DR43742	21/32	-	#2	0.6563	10"	14"	1	220.71
DR44042	21/32	-	#2	0.6563	11"	15"	1	314.89
DR45042	21/32	-	#2	0.6563	14"	18"	1	284.56
DR45242	21/32	-	#2	0.6563	14"	20"	1	367.19
DR45419	21/32	-	#2	0.6563	20"	24"	1	343.23
DR44670	-	17.00	#2	0.6693	230	365	1	425.62
DR45670	-	17.00	#2	0.6693	295	445	1	527.73
DR43043	43/64	-	#2	0.6719	8"	12"	1	201.83
DR44043	43/64	-	#2	0.6719	11"	15"	1	354.44
DR45043	43/64	-	#2	0.6719	14"	18"	1	290.03
DR45420	43/64	-	#2	0.6719	20"	24"	1	362.80
DR43044	11/16	-	#2	0.6875	8"	12"	1	205.33
DR43744	11/16	-	#2	0.6875	10"	14"	1	238.29
DR44044	11/16	-	#2	0.6875	11"	15"	1	393.99
DR45044	11/16	-	#2	0.6875	14"	18"	1	295.49
DR45421	11/16	-	#2	0.6875	20"	24"	1	362.80
DR44675	-	17.50	#2	0.6890	245	370	1	440.85
DR45675	-	17.50	#2	0.6890	310	465	1	550.78



EXTRA LONG TAPER SHANK DRILLS - HSS  
FORETS A QUEUE CONIQUE - ULTRA LONGUE

DR42-43-44-45



EXTRA LONG

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR43045	45/64		#2	0.7031	8"	12"	1	212.14
DR43745	45/64		#2	0.7031	10"	14"	1	241.74
DR44045	45/64		#2	0.7031	11"	15"	1	365.09
DR45045	45/64		#2	0.7031	14"	18"	1	294.10
DR45422	45/64		#2	0.7031	20"	24"	1	374.97
DR44680		18.00	#2	0.7087	245	370	1	456.26
DR45680		18.00	#2	0.7087	310	465	1	572.02
DR43046	23/32		#2	0.7188	8"	12"	1	217.96
DR43746	23/32		#2	0.7188	10"	14"	1	241.74
DR44046	23/32		#2	0.7188	11"	15"	1	336.20
DR45046	23/32		#2	0.7188	14"	18"	1	292.70
DR45423	23/32		#2	0.7188	20"	24"	1	374.97
DR44685		18.50	#2	0.7283	245	370	1	465.16
DR45685		18.50	#2	0.7283	310	465	1	592.75
DR43047	47/64		#2	0.7344	8"	12"	1	223.77
DR43747	47/64		#2	0.7344	10"	14"	1	262.46
DR44047	47/64		#2	0.7344	11"	15"	1	307.30
DR45047	47/64		#2	0.7344	14"	18"	1	291.31
DR45247	47/64		#2	0.7344	14"	20"	1	367.19
DR45424	47/64		#2	0.7344	20"	24"	1	396.16
DR44690		19.00	#2	0.7480	245	370	1	490.29
DR45690		19.00	#2	0.7480	310	465	1	612.89
DR43048	3/4		#2	0.7500	8"	12"	1	229.58
DR43748	3/4		#2	0.7500	10"	14"	1	262.46
DR44048	3/4		#2	0.7500	11"	15"	1	278.40
DR45048	3/4		#2	0.7500	14"	18"	1	289.91
DR45425	3/4		#2	0.7500	20"	24"	1	396.16
DR45501	3/4		#2	0.7500	26"	30"	1	544.64
DR43049	49/64		#2	0.7656	8"	12"	1	237.34
DR43749	49/64		#2	0.7656	10"	14"	1	275.02
DR44049	49/64		#2	0.7656	11"	15"	1	291.79
DR45049	49/64		#2	0.7656	14"	18"	1	303.86
DR45426	49/64		#2	0.7656	20"	24"	1	408.82
DR44695		19.50	#2	0.7677	260	385	1	492.81
DR45695		19.50	#2	0.7677	325	490	1	625.26
DR43050	25/32		#2	0.7813	8"	12"	1	245.09
DR43750	25/32		#2	0.7813	10"	14"	1	275.02
DR44050	25/32		#2	0.7813	11"	15"	1	305.18
DR45050	25/32		#2	0.7813	14"	18"	1	317.81
DR45427	25/32		#2	0.7813	20"	24"	1	408.82
DR44700		20.00	#2	0.7874	260	385	1	350.73
DR45700		20.00	#2	0.7874	325	490	1	653.76
DR43051	51/64		#3	0.7969	7"	12"	1	252.85
DR44051	51/64		#3	0.7969	10"	15"	1	318.56
DR45051	51/64		#3	0.7969	13"	18"	1	331.75
DR45428	51/64		#3	0.7969	19"	24"	1	430.45
DR44705		20.50	#2	0.8071	260	385	1	436.16
DR45705		20.50	#2	0.8071	325	490	1	676.61
DR43052	13/16		#3	0.8125	7"	12"	1	260.60
DR44052	13/16		#3	0.8125	10"	15"	1	331.95

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR45052	13/16		#3	0.8125	13"	18"	1	345.70
DR45252	13/16		#3	0.8125	15"	20"	1	394.49
DR45429	13/16		#3	0.8125	19"	24"	1	430.45
DR45502	13/16		#3	0.8125	25"	30"	1	641.55
DR44710		21.00	#2	0.8268	260	385	1	451.52
DR45710		21.00	#2	0.8268	325	490	1	704.77
DR43053	53/64		#3	0.8281	7"	12"	1	266.94
DR44053	53/64		#3	0.8281	10"	15"	1	317.37
DR45053	53/64		#3	0.8281	13"	18"	1	365.12
DR45430	53/64		#3	0.8281	19"	24"	1	495.41
DR43054	27/32		#3	0.8438	7"	12"	1	273.29
DR43754	27/32		#3	0.8438	9"	14"	1	285.07
DR44054	27/32		#3	0.8438	10"	15"	1	302.79
DR45054	27/32		#3	0.8438	13"	18"	1	384.53
DR45254	27/32		#3	0.8438	15"	20"	1	408.14
DR45431	27/32		#3	0.8438	19"	24"	1	495.41
DR44715		21.50	#2	0.8465	270	405	1	459.24
DR45715		21.50	#2	0.8465	345	515	1	726.90
DR43055	55/64		#3	0.8594	7"	12"	1	279.63
DR44055	55/64		#3	0.8594	10"	15"	1	288.21
DR45055	55/64		#3	0.8594	13"	18"	1	403.95
DR45432	55/64		#3	0.8594	19"	24"	1	517.98
DR44720		22.00	#2	0.8661	270	405	1	401.75
DR45720		22.00	#2	0.8661	345	515	1	745.66
DR43056	7/8		#3	0.8750	7"	12"	1	285.97
DR43756	7/8		#3	0.8750	9"	14"	1	316.46
DR44056	7/8		#3	0.8750	10"	15"	1	273.63
DR45056	7/8		#3	0.8750	13"	18"	1	423.36
DR45256	7/8		#3	0.8750	15"	20"	1	436.80
DR45433	7/8		#3	0.8750	19"	24"	1	517.98
DR45504	7/8		#3	0.8750	25"	30"	1	735.74
DR44725		22.50	#2	0.8858	270	405	1	475.77
DR45725		22.50	#2	0.8858	345	515	1	755.48
DR43057	57/64		#3	0.8906	7"	12"	1	298.37
DR43757	57/64		#3	0.8906	9"	14"	1	316.46
DR44057	57/64		#3	0.8906	10"	15"	1	298.29
DR45057	57/64		#3	0.8906	13"	18"	1	425.02
DR45434	57/64		#3	0.8906	19"	24"	1	517.98
DR44730		23.00	#2	0.9055	270	405	1	410.52
DR45730		23.00	#2	0.9055	345	515	1	761.67
DR43058	29/32		#3	0.9063	7"	12"	1	298.37
DR44058	29/32		#3	0.9063	10"	15"	1	322.96
DR45058	29/32		#3	0.9063	13"	18"	1	426.67
DR45258	29/32		#3	0.9063	15"	20"	1	443.63
DR45435	29/32		#3	0.9063	19"	24"	1	517.98
DR43059	59/64		#3	0.9219	7"	12"	1	280.28
DR44059	59/64		#3	0.9219	10"	15"	1	347.62
DR45059	59/64		#3	0.9219	13"	18"	1	428.33
DR45436	59/64		#3	0.9219	19"	24"	1	539.49
DR44735		23.50	#3	0.9252	270	425	1	517.79

DRILLS - TAPER SHANK

FORETS - QUEUE CONIQUE

EXTRA LONG TAPER SHANK DRILLS - HSS  
FORETS A QUEUE CONIQUE - ULTRA LONGUE

DR42-43-44-45



EXTRA LONG

DRILLS - TAPER SHANK

FORETS - QUEUE CONIQUE

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR45735		23.50	#3	0.9252	345	535	1	771.57
DR43060	15/16		#3	0.9375	7"	12"	1	308.17
DR44060	15/16		#3	0.9375	10"	15"	1	372.28
DR45060	15/16		#3	0.9375	13"	18"	1	429.98
DR45260	15/16		#3	0.9375	15"	20"	1	443.63
DR45437	15/16		#3	0.9375	19"	24"	1	539.49
DR45503	15/16		#3	0.9375	25"	30"	1	795.80
DR44740		24.00	#3	0.9449	290	440	1	415.38
DR45740		24.00	#3	0.9449	365	555	1	598.72
DR44061	61/64		#3	0.9531	10"	15"	1	357.16
DR45061	61/64		#3	0.9531	13"	18"	1	420.21
DR45438	61/64		#3	0.9531	19"	24"	1	594.55
DR44745		24.50	#3	0.9646	290	440	1	547.18
DR45745		24.50	#3	0.9646	365	555	1	626.04
DR43062	31/32		#3	0.9688	7"	12"	1	322.21
DR43762	31/32		#3	0.9688	9"	14"	1	344.09
DR44062	31/32		#3	0.9688	10"	15"	1	342.05
DR45062	31/32		#3	0.9688	13"	18"	1	410.44
DR45262	31/32		#3	0.9688	15"	20"	1	476.39
DR45439	31/32		#3	0.9688	19"	24"	1	594.55
DR44750		25.00	#3	0.9842	290	440	1	449.42
DR45750		25.00	#3	0.9842	365	555	1	648.81
DR43763	63/64		#3	0.9844	9"	14"	1	344.09
DR44063	63/64		#3	0.9844	10"	15"	1	326.93
DR45063	63/64		#3	0.9844	13"	18"	1	400.66
DR45440	63/64		#3	0.9844	19"	24"	1	605.49
DR43100	1"		#3	1.0000	7"	12"	1	274.58
DR44100	1"		#3	1.0000	10"	15"	1	311.81
DR45100	1"		#3	1.0000	13"	18"	1	390.89
DR45441	1"		#3	1.0000	19"	24"	1	588.86
DR45505	1"		#3	1.0000	25"	30"	1	876.33
DR44101	1-1/64		#3	1.0156	9"	15"	1	320.54
DR45101	1-1/64		#3	1.0156	12"	18"	1	455.46
DR45442	1-1/64		#3	1.0156	19"	24"	1	621.02
DR44760		26.00	#3	1.0236	290	440	1	461.96
DR45760		26.00	#3	1.0236	365	555	1	662.05
DR44102	1-1/32		#3	1.0313	9"	15"	1	329.28
DR45102	1-1/32		#3	1.0313	13"	18"	1	520.03
DR45443	1-1/32		#3	1.0313	19"	24"	1	621.02
DR44103	1-3/64		#3	1.0469	9"	15"	1	338.01
DR45103	1-3/64		#3	1.0469	13"	18"	1	584.59
DR45444	1-3/64		#3	1.0469	19"	24"	1	621.02
DR44104	1-1/16		#3	1.0625	10"	15"	1	346.74
DR45104	1-1/16		#3	1.0625	13"	18"	1	517.34
DR45304	1-1/16		#3	1.0625	15"	20"	1	649.16
DR45445	1-1/16		#3	1.0625	19"	24"	1	621.02
DR45506	1-1/16		#3	1.0625	25"	30"	1	876.33
DR44770		27.00	#3	1.0630	305	460	1	541.17
DR45770		27.00	#3	1.0630	385	580	1	775.57
DR44105	1-5/64		#4	1.0781	9"	15"	1	356.03

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR45105	1-5/64		#4	1.0781	12"	18"	1	606.70
DR45446	1-5/64		#4	1.0781	18"	24"	1	682.40
DR44106	1-3/32		#4	1.0938	9"	15"	1	365.32
DR45106	1-3/32		#4	1.0938	12"	18"	1	564.25
DR45306	1-3/32		#4	1.0938	14"	20"	1	544.64
DR45447	1-3/32		#4	1.0938	18"	24"	1	682.40
DR44780		28.00	#3	1.1024	305	460	1	542.72
DR45780		28.00	#3	1.1024	385	580	1	777.74
DR44107	1-7/64		#4	1.1094	9"	15"	1	374.61
DR45107	1-7/64		#4	1.1094	12"	18"	1	521.79
DR44108	1-1/8		#4	1.1250	9"	15"	1	383.90
DR45108	1-1/8		#4	1.1250	12"	18"	1	479.33
DR45308	1-1/8		#4	1.1250	14"	20"	1	544.64
DR45448	1-1/8		#4	1.1250	18"	24"	1	682.40
DR45507	1-1/8		#4	1.1250	24"	30"	1	1000.55
DR44109	1-9/64		#4	1.1406	9"	15"	1	399.65
DR45109	1-9/64		#4	1.1406	12"	18"	1	531.33
DR45449	1-9/64		#4	1.1406	18"	24"	1	734.23
DR44790		29.00	#3	1.1417	305	460	1	639.90
DR45790		29.00	#3	1.1417	385	580	1	917.28
DR44110	1-5/32		#4	1.1563	9"	15"	1	399.65
DR45110	1-5/32		#4	1.1563	12"	18"	1	531.33
DR45310	1-5/32		#4	1.1563	14"	20"	1	580.13
DR45450	1-5/32		#4	1.1563	18"	24"	1	734.23
DR44111	1-11/64		#4	1.1719	9"	15"	1	404.05
DR45111	1-11/64		#4	1.1719	12"	18"	1	532.35
DR45451	1-11/64		#4	1.1719	18"	24"	1	761.81
DR44800		30.00	#3	1.1811	305	460	1	683.73
DR45800		30.00	#3	1.1811	385	580	1	980.00
DR44112	1-3/16		#4	1.1875	9"	15"	1	424.63
DR45112	1-3/16		#4	1.1875	12"	18"	1	532.35
DR45312	1-3/16		#4	1.1875	14"	20"	1	634.73
DR45452	1-3/16		#4	1.1875	18"	24"	1	761.81
DR45508	1-3/16		#4	1.1875	24"	30"	1	1090.64
DR45313	1-13/64		#4	1.2031	14"	20"	1	634.73
DR45453	1-13/64		#4	1.2031	18"	24"	1	770.62
DR44114	1-7/32		#4	1.2188	9"	15"	1	428.53
DR45114	1-7/32		#4	1.2188	12"	18"	1	558.97
DR45314	1-7/32		#4	1.2188	14"	20"	1	634.73
DR45454	1-7/32		#4	1.2188	18"	24"	1	770.62
DR44831		31.00	#3	1.2205	320	480	1	749.56
DR45831		31.00	#3	1.2205	410	610	1	999.51
DR44115	1-15/64		#4	1.2344	9"	15"	1	428.57
DR45115	1-15/64		#4	1.2344	12"	18"	1	558.97
DR45455	1-15/64		#4	1.2344	18"	24"	1	770.62
DR44116	1-1/4		#4	1.2500	9"	15"	1	465.35
DR45116	1-1/4		#4	1.2500	12"	18"	1	579.35
DR45316	1-1/4		#4	1.2500	14"	20"	1	634.73
DR45456	1-1/4		#4	1.2500	18"	24"	1	770.62
DR45509	1-1/4		#4	1.2500	24"	30"	1	1180.73



EXTRA LONG TAPER SHANK DRILLS - HSS  
FORETS A QUEUE CONIQUE - ULTRA LONGUE

DR42-43-44-45



EXTRA LONG

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR44832		32.00	#4	1.2598	320	505	1	818.92
DR45832		32.00	#4	1.2598	410	610	1	1091.73
DR45117	1-17/64		#4	1.2656	12"	18"	1	655.20
DR45457	1-17/64		#4	1.2656	18"	24"	1	872.59
DR45118	1-9/32		#4	1.2813	12"	18"	1	632.68
DR45458	1-9/32		#4	1.2813	18"	24"	1	872.59
DR44833		33.00	#4	1.2992	320	505	1	935.95
DR45833		33.00	#4	1.2992	410	635	1	1200.69
DR45120	1-5/16		#4	1.3125	12"	18"	1	632.68
DR45459	1-5/16		#4	1.3125	18"	24"	1	872.59
DR45510	1-5/16		#4	1.3125	24"	30"	1	586.86
DR44834		34.00	#4	1.3386	340	530	1	990.84
DR45834		34.00	#4	1.3386	430	635	1	1200.69
DR45122	1-11/32		#4	1.3438	12"	18"	1	708.73
DR45322	1-11/32		#4	1.3438	14"	20"	1	801.26
DR45460	1-11/32		#4	1.3438	18"	24"	1	975.98
DR45123	1-23/64		#4	1.3594	12"	18"	1	708.78
DR45461	1-23/64		#4	1.3594	18"	24"	1	975.98
DR45124	1-3/8		#4	1.3750	12"	18"	1	708.78
DR45324	1-3/8		#4	1.3750	14"	20"	1	819.00
DR45462	1-3/8		#4	1.3750	18"	24"	1	975.98
DR45511	1-3/8		#4	1.3750	24"	30"	1	1459.19
DR44835		35.00	#4	1.3780	340	530	1	1000.60
DR45835		35.00	#4	1.3780	430	665	1	1200.69
DR45126	1-13/32		#4	1.4063	12"	18"	1	730.28
DR45328	1-13/32		#4	1.4063	14"	20"	1	853.13
DR45463	1-13/32		#4	1.4063	18"	24"	1	1009.01
DR44836		36.00	#4	1.4173	340	530	1	1052.95
DR45836		36.00	#4	1.4173	430	665	1	1228.38
DR45128	1-7/16		#4	1.4375	12"	18"	1	730.28
DR45328	1-7/16		#4	1.4375	14"	20"	1	853.13
DR45464	1-7/16		#4	1.4375	18"	24"	1	1009.01
DR45512	1-7/16		#4	1.4375	24"	30"	1	1501.50
DR44837		37.00	#4	1.4567	340	530	1	1109.06
DR45837		37.00	#4	1.4567	430	665	1	1256.90
DR45130	1-15/32		#4	1.4688	12"	18"	1	749.09
DR45330	1-15/32		#4	1.4688	14"	20"	1	887.25
DR45465	1-15/32		#4	1.4688	18"	24"	1	1093.84
DR44838		38.00	#4	1.4961	360	555	1	1165.30
DR45838		38.00	#4	1.4961	460	695	1	1281.70
DR45132	1-1/2		#4	1.5000	12"	18"	1	767.90
DR45466	1-1/2		#4	1.5000	18"	24"	1	1093.84
DR45513	1-1/2		#4	1.5000	24"	30"	1	1636.64
DR45601	1-1/2		#4	1.5000	30"	36"	1	2012.01
DR44839		39.00	#4	1.5354	360	555	1	1193.47
DR45839		39.00	#4	1.5354	460	695	1	1406.56
DR45136	1-9/16		#5	1.5625	10"	18"	1	841.18
DR45467	1-9/16		#5	1.5625	17"	24"	1	1215.46
DR45514	1-9/16		#5	1.5625	23"	30"	1	1827.74
DR44840		40.00	#4	1.5748	360	555	1	1272.68

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR45840		40.00	#4	1.5748	460	695	1	1499.85
DR44841		41.00	#4	1.6142	360	555	1	1346.06
DR45841		41.00	#4	1.6142	460	695	1	1588.85
DR45140	1-5/8		#5	1.6250	10"	18"	1	914.45
DR45468	1-5/8		#5	1.6250	17"	24"	1	1215.46
DR45515	1-5/8		#5	1.6250	23"	30"	1	1827.74
DR44842		42.00	#4	1.6535	360	555	1	1399.82
DR45842		42.00	#4	1.6535	460	695	1	1649.87
DR45144	1-11/16		#5	1.6875	10"	18"	1	994.72
DR45469	1-11/16		#5	1.6875	17"	24"	1	1384.38
DR45516	1-11/16		#5	1.6875	23"	30"	1	2020.20
DR44843		43.00	#4	1.6929	385	585	1	1589.19
DR45843		43.00	#4	1.6929	490	735	1	1872.84
DR44844		44.00	#4	1.7323	385	585	1	1650.35
DR45844		44.00	#4	1.7323	490	735	1	1945.07
DR45148	1-3/4		#5	1.7500	10"	18"	1	1074.99
DR45348	1-3/4		#5	1.7500	13"	20"	1	1242.15
DR45470	1-3/4		#5	1.7500	17"	24"	1	1548.05
DR45517	1-3/4		#5	1.7500	23"	30"	1	2020.20
DR45602	1-3/4		#5	1.7500	29"	36"	1	2482.94
DR44845		45.00	#4	1.7717	385	585	1	1740.28
DR45845		45.00	#4	1.7717	490	735	1	2051.14
DR45350	1-25/32		#5	1.7813	13"	20"	1	1433.25
DR45471	1-25/32		#5	1.7813	17"	24"	1	1711.71
DR44846		46.00	#4	1.8110	385	585	1	1826.60
DR45846		46.00	#4	1.8110	490	735	1	2152.87
DR45152	1-13/16		#5	1.8125	10"	18"	1	1242.15
DR45472	1-13/16		#5	1.8125	17"	24"	1	1711.71
DR45518	1-13/16		#5	1.8125	23"	30"	1	2261.81
DR44847		47.00	#4	1.8504	385	585	1	1924.01
DR45847		47.00	#4	1.8504	490	735	1	2267.61
DR45156	1-7/8		#5	1.8750	10"	18"	1	1361.59
DR45473	1-7/8X5		#5	1.8750	17"	24"	1	1900.90
DR45519	1-7/8		#5	1.8750	23"	30"	1	2261.81
DR44848		48.00	#4	1.8898	405	605	1	2113.39
DR45848		48.00	#4	1.8898	510	765	1	2490.82
DR44849		49.00	#4	1.9291	405	605	1	2218.85
DR45849		49.00	#4	1.9291	510	765	1	2615.07
DR45474	1-15/16		#5	1.9375	17"	24"	1	2088.69
DR45520	1-15/16		#5	1.9375	23"	30"	1	2194.59
DR44850		50.00	#4	1.9685	405	605	1	2320.34
DR45850		50.00	#4	1.9685	510	765	1	2734.61
DR45475	2"		#5	2.0000	17"	24"	1	2194.59
DR45521	2"		#5	2.0000	23"	30"	1	2573.03
DR45603	2"		#5	2.0000	29"	36"	1	3323.78
DR45476	2-1/16		#5	2.0625	17"	24"	1	2439.94
DR45522	2-1/16		#5	2.0625	23"	30"	1	2839.20
DR45477	2-1/8		#5	2.1250	17"	24"	1	2439.94
DR45523	2-1/8		#5	2.1250	23"	30"	1	2839.20
DR45604	2-1/8		#5	2.1250	29"	36"	1	3880.70

DRILLS - TAPER SHANK

FORETS - QUEUE CONIQUE

**EXTRA LONG TAPER SHANK DRILLS - HSS**  
**FORETS A QUEUE CONIQUE - ULTRA LONGUE**

**DR42-43-44-45**



**EXTRA LONG**

**DRILLS - TAPER SHANK**

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR45478	2-3/16		#5	2.1875	17"	24"	1	2681.68
DR45524	2-3/16		#5	2.1875	23"	30"	1	3046.68
DR45479	2-7/32		#5	2.2188	17"	24"	1	2921.10
DR45480	2-1/4		#5	2.2500	17"	24"	1	2681.68
DR45525	2-1/4		#5	2.2500	23"	30"	1	3046.68
DR45605	2-1/4		#5	2.2500	29"	36"	1	3882.06
DR45481	2-5/16		#5	2.3125	17"	24"	1	2923.42
DR45526	2-5/16		#5	2.3125	23"	30"	1	3323.78
DR45482	2-3/8		#5	2.3750	17"	24"	1	2923.42
DR45527	2-3/8		#5	2.3750	23"	30"	1	3323.78
DR45606	2-3/8		#5	2.3750	29"	36"	1	4651.92
DR45483	2-7/16		#5	2.4375	17"	24"	1	3120.12
DR45528	2-7/16		#5	2.4375	23"	30"	1	3547.64
DR45484	2-1/2		#5	2.5000	17"	24"	1	3120.12
DR45529	2-1/2		#5	2.5000	23"	30"	1	3547.64
DR45607	2-1/2		#5	2.5000	29"	36"	1	4651.92
DR45485	2-9/16		#5	2.5625	17"	24"	1	3316.81
DR45530	2-9/16		#5	2.5625	23"	30"	1	3617.25
DR45486	2-5/8		#5	2.6250	17"	24"	1	3316.81
DR45531	2-5/8		#5	2.6250	23"	30"	1	3766.04

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
DR45608	2-5/8		#5	2.6250	29"	36"	1	5274.36
DR45487	2-11/16		#5	2.6875	17"	24"	1	3591.59
DR45488	2-3/4		#5	2.7500	17"	24"	1	3591.59
DR45532	2-3/4		#5	2.7500	23"	30"	1	4079.99
DR45609	2-3/4		#5	2.7500	29"	36"	1	6152.06
DR45489	2-13/16		#5	2.8125	17"	24"	1	3866.36
DR45490	2-7/8		#5	2.8750	17"	24"	1	3866.36
DR45533	2-7/8		#5	2.8750	23"	30"	1	4312.04
DR45491	2-15/16		#5	2.9375	17"	24"	1	4417.41
DR45492	3		#5	3.0000	17"	24"	1	4417.41
DR45534	3		#5	3.0000	23"	30"	1	5023.20
DR45610	3		#5	3.0000	29"	36"	1	7024.29
DR45535	3-1/8		#5	3.1250	23"	30"	1	5705.70
DR45611	3-1/8		#5	3.1250	29"	36"	1	7514.33
DR45536	3-1/4		#5	3.2500	23"	30"	1	6883.70
DR45612	3-1/4		#5	3.2500	29"	36"	1	9213.75
DR45537	3-3/8		#5	3.3750	23"	30"	1	9235.59
DR45613	3-3/8		#5	3.3750	29"	36"	1	13472.55
DR45538	3-1/2		#5	3.5000	23"	30"	1	11793.60
DR45614	3-1/2		#5	3.5000	29"	36"	1	16179.35

**DR58**

**MTS REDUCING SLEEVES**  
**MANCHONS**

**DR59**

**TYPE A - OIL TOUGHENED**  
**TREMPES A L'HUILE**



**TYPE B - HARDENED & GROUND**  
**TREMPES & RECTIFIE**

CODE	A	B	PKG	\$ EA
DR58001	0 MTS	1 MTS	1	35.52
DR58012	1 MTS	2 MTS	1	18.81
DR58013	1 MTS	3 MTS	1	27.45
DR58014	1 MTS	4 MTS	1	36.16
DR58023	2 MTS	3 MTS	1	27.45
DR58024	2 MTS	4 MTS	1	36.16
DR58034	3 MTS	4 MTS	1	36.16
DR58045	4 MTS	5 MTS	1	95.10

CODE	A	B	PKG	\$ EA
DR59001	0 MTS	1 MTS	1	38.16
DR59012	1 MTS	2 MTS	1	38.85
DR59013	1 MTS	3 MTS	1	53.27
DR59023	2 MTS	3 MTS	1	53.27
DR59034	3 MTS	4 MTS	1	95.67
DR59045	4 MTS	5 MTS	1	132.74

**FORETS - QUEUE CONIQUE**

**DRILL DRIFTS - CENTER KEYS**  
**CHASSE FORETS**

**DR63**



**CENTER KEYS**

CODE	NO	PKG	\$ EA
DR63201	#1	1	16.77
DR63202	#2	1	16.77

CODE	NO	PKG	\$ EA
DR63203	#3	1	26.22
DR63204	#4	1	34.53



# REAMERS

# ALÉSOIRS

**CHUCKING REAMERS - STRAIGHT FLUTE - STRAIGHT SHANK  
ALESOIRS EN BOUT - DENTURE DROITE - QUEUE CYLINDRIQUE**

**RE17**



**STRAIGHT FLUTE**

**REAMERS**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
RE17260		60	0.0400	1/2	2-1/2	1	32.35
RE17259		59	0.0410	1/2	2-1/2	1	32.35
RE17258		58	0.0420	1/2	2-1/2	1	32.35
RE17257		57	0.0430	1/2	2-1/2	1	32.35
RE17256		56	0.0465	1/2	2-1/2	1	32.35
RE17003	3/64		0.0469	1/2	2-1/2	1	39.19
RE17255		55	0.0520	1/2	2-1/2	1	32.35
RE17254		54	0.0550	1/2	2-1/2	1	32.35
RE17253		53	0.0595	1/2	2-1/2	1	32.35
RE17004	1/16		0.0625	1/2	2-1/2	1	35.19
RE17252		52	0.0635	1/2	2-1/2	1	30.12
RE17251		51	0.0670	3/4	3"	1	26.11
RE17250		50	0.0700	3/4	3"	1	26.11
RE17249		49	0.0730	3/4	3"	1	26.11
RE17248		48	0.0760	3/4	3"	1	26.11
RE17005	5/64		0.0781	3/4	3"	1	31.54
RE17247		47	0.0785	3/4	3"	1	26.11
RE17246		46	0.0810	3/4	3"	1	26.11
RE17245		45	0.0820	3/4	3"	1	26.11
RE17244		44	0.0860	3/4	3"	1	26.11
RE17243		43	0.0890	3/4	3"	1	26.11
RE17242		42	0.0935	3/4	3"	1	26.11
RE17006	3/32		0.0938	3/4	3"	1	28.96
RE17241		41	0.0980	7/8	3-1/2	1	26.11
RE17240		40	0.0980	7/8	3-1/2	1	25.08
RE17239		39	0.0995	7/8	3-1/2	1	25.08
RE17238		38	0.1015	7/8	3-1/2	1	25.08
RE17237		37	0.1040	7/8	3-1/2	1	25.08
RE17236		36	0.1065	7/8	3-1/2	1	25.08
RE17007	7/64		0.1094	7/8	3-1/2	1	32.84
RE17235		35	0.1100	7/8	3-1/2	1	25.08
RE17234		34	0.1110	7/8	3-1/2	1	25.08
RE17233		33	0.1130	7/8	3-1/2	1	23.79
RE17232		32	0.1160	7/8	3-1/2	1	23.79
RE17231		31	0.1200	7/8	3-1/2	1	23.79
RE17008	1/8		0.1250	7/8	3-1/2	1	15.67
RE17230		30	0.1285	7/8	3-1/2	1	23.02
RE17229		29	0.1360	1"	4"	1	23.02
RE17228		28	0.1405	1"	4"	1	23.02
RE17009	9/64		0.1406	1"	4"	1	24.31
RE17227		27	0.1440	1"	4"	1	23.02
RE17226		26	0.1470	1"	4"	1	23.02
RE17225		25	0.1495	1"	4"	1	23.02
RE17224		24	0.1520	1"	4"	1	23.02
RE17223		23	0.1540	1"	4"	1	23.02
RE17010	5/32		0.1562	1"	4"	1	22.00
RE17222		22	0.1570	1"	4"	1	23.02
RE17221		21	0.1590	1-1/8	4-1/2	1	23.02
RE17220		20	0.1610	1-1/8	4-1/2	1	23.02
RE17219		19	0.1660	1-1/8	4-1/2	1	23.02

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
RE17218		18	0.1695	1-1/8	4-1/2	1	23.02
RE17011	11/64		0.1719	1-1/8	4-1/2	1	24.31
RE17217		17	0.1730	1-1/8	4-1/2	1	24.82
RE17216		16	0.1770	1-1/8	4-1/2	1	24.82
RE17215		15	0.1800	1-1/8	4-1/2	1	27.15
RE17214		14	0.1820	1-1/8	4-1/2	1	27.15
RE17213		13	0.1850	1-1/8	4-1/2	1	27.15
RE17012	3/16		0.1875	1-1/8	4-1/2	1	22.11
RE17212		12	0.1890	1-1/8	4-1/2	1	27.15
RE17211		11	0.1910	1-1/4	5"	1	28.31
RE17210		10	0.1935	1-1/4	5"	1	29.10
RE17209		9	0.1960	1-1/4	5"	1	29.10
RE17208		8	0.1990	1-1/4	5"	1	29.10
RE17207		7	0.2010	1-1/4	5"	1	29.10
RE17013	13/64		0.2031	1-1/4	5"	1	29.37
RE17206		6	0.2040	1-1/4	5"	1	29.10
RE17205		5	0.2055	1-1/4	5"	1	29.10
RE17204		4	0.2090	1-1/4	5"	1	29.10
RE17203		3	0.2130	1-1/4	5"	1	29.10
RE17014	7/32		0.2166	1-1/4	5"	1	28.44
RE17202		2	0.2210	1-1/4	5"	1	29.10
RE17201		1	0.2260	1-1/4	5"	1	29.10
RE17301		A	0.2340	1-1/2	6"	1	31.28
RE17015	15/64	0	0.2344	1-1/2	6"	1	29.37
RE17302		B	0.2380	1-1/2	6"	1	31.28
RE17303		C	0.2420	1-1/2	6"	1	31.28
RE17304		D	0.2460	1-1/2	6"	1	31.28
RE17016	1/4	E	0.2500	1-1/2	6"	1	25.60
RE17306		F	0.2570	1-1/2	6"	1	31.28
RE17307		G	0.2610	1-1/2	6"	1	33.37
RE17017	17/64		0.2656	1-1/2	6"	1	32.71
RE17308		H	0.2660	1-1/2	6"	1	35.19
RE17309		I	0.2720	1-1/2	6"	1	35.19
RE17310		J	0.2770	1-1/2	6"	1	35.19
RE17311		K	0.2810	1-1/2	6"	1	35.19
RE17018	9/32		0.2812	1-1/2	6"	1	32.71
RE17312		L	0.2900	1-1/2	6"	1	35.19
RE17313		M	0.2950	1-1/2	6"	1	35.19
RE17019	19/64		0.2969	1-1/2	6"	1	34.53
RE17314		N	0.3020	1-1/2	6"	1	35.19
RE17020	5/16		0.3125	1-1/2	6"	1	30.50
RE17315		O	0.3160	1-1/2	6"	1	36.47
RE17316		P	0.3230	1-1/2	6"	1	37.51
RE17021	21/64		0.3281	1-1/2	6"	1	37.37
RE17317		Q	0.3320	1-1/2	6"	1	37.51
RE17318		R	0.3390	1-1/2	6"	1	37.51
RE17022	11/32		0.3438	1-1/2	6"	1	37.37
RE17319		S	0.3460	1-3/4	7"	1	37.51
RE17320		T	0.3560	1-3/4	7"	1	37.51
RE17023	23/64		0.3594	1-3/4	7"	1	37.37

**ALÉSOIRS**



**CHUCKING REAMERS - STRAIGHT FLUTE - STRAIGHT SHANK**  
**ALESOIRS EN BOUT - DENTURE DROITE - QUEUE CYLINDRIQUE**

**RE17**



**STRAIGHT FLUTE**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
RE17321		U	0.3680	1-3/4	7"	1	37.51
RE17024	3/8		0.3750	1-3/4	7"	1	32.71
RE17322		V	0.3770	1-3/4	7"	1	41.64
RE17323		W	0.3660	1-3/4	7"	1	41.64
RE17025	25/64		0.3906	1-3/4	7"	1	38.65
RE17324		X	0.3970	1-3/4	7"	1	41.64
RE17325		Y	0.4040	1-3/4	7"	1	42.80
RE17026	13/32		0.4062	1-3/4	7"	1	40.10
RE17326		Z	0.4130	1-3/4	7"	1	42.80
RE17027	27/64		0.4219	1-3/4	7"	1	42.41
RE17028	7/16		0.4375	1-3/4	7"	1	38.65
RE17029	29/64		0.4531	1-3/4	7"	1	47.32
RE17030	15/32		0.4688	1-3/4	7"	1	45.90
RE17031	31/64		0.4844	2"	8"	1	47.32
RE17032	1/2		0.5000	2"	8"	1	42.41
RE17034	17/32		0.5312	2"	8"	1	50.46
RE17036	9/16		0.5625	2"	8"	1	49.35
RE17038	19/32		0.5938	2"	8"	1	57.54
RE17040	5/8		0.6250	2-1/4	9"	1	57.54
RE17042	21/32		0.6562	2-1/4	9"	1	57.54

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
RE17044	11/16		0.6875	2-1/4	9"	1	65.44
RE17046	23/32		0.7188	2-1/4	9"	1	75.92
RE17048	3/4		0.7500	2-1/2	9-1/2"	1	72.80
RE17050	25/32		0.7812	2-1/2	9-1/2"	1	65.09
RE17052	13/16		0.8125	2-1/2	9-1/2"	1	65.09
RE17054	27/32		0.8438	2-1/2	9-1/2"	1	96.47
RE17056	7/8		0.8750	2-5/8	10"	1	94.27
RE17058	29/32		0.9062	2-5/8	10"	1	106.28
RE17060	15/16		0.9375	2-5/8	10"	1	106.28
RE17062	31/32		0.9688	2-5/8	10"	1	119.49
RE17100	1"		1.0000	2-3/4	10-1/2"	1	117.16
RE17104	1-1/16		1.0625	2-3/4	10-1/2"	1	134.48
RE17108	1-1/8		1.1250	2-7/8	11"	1	143.67
RE17112	1-3/16		1.1875	2-7/8	11"	1	161.89
RE17116	1-1/4		1.2500	3"	11-1/2"	1	176.12
RE17120	1-5/16		1.3125	3"	11-1/2"	1	194.49
RE17124	1-3/8		1.3750	3-1/4	12"	1	213.73
RE17128	1-7/16		1.4375	3-1/4	12"	1	231.97
RE17132	1-1/2		1.5000	3-1/2	12-1/2"	1	250.32

REAMERS

**CHUCKING REAMERS - SPIRAL FLUTE - STRAIGHT SHANK - COBALT**  
**ALESOIRS EN BOUT - CANNELURES HELICOIDALES - QUEUE CYLINDRIQUE - COBALT**

**RE24**



**COBALT**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
RE24006	3/32		0.0938	14.0	57.0	1	67.06
RE24530		3.00	0.1181	15.0	61.0	1	55.07
RE24008	1/8		0.1250	16.0	65.0	1	55.07
RE24535		3.50	0.1378	18.0	70.0	1	47.00
RE24010	5/32		0.1562	19.0	75.0	1	54.16
RE24540		4.00	0.1575	19.0	75.0	1	47.44
RE24011	11/64		0.1719	21.0	80.0	1	58.17
RE24545		4.50	0.1772	21.0	80.0	1	53.71
RE24012	3/16		0.1875	23.0	86.0	1	55.07
RE24550		5.00	0.1968	23.0	86.0	1	50.10
RE24014	7/32		0.2188	26.0	93.0	1	59.54
RE24560		6.00	0.2362	26.0	93.0	1	59.03
RE24016	1/4		0.2500	28.0	101.0	1	62.64
RE24570		7.00	0.2756	31.0	109.0	1	60.19
RE24018	9/32		0.2812	31.0	109.0	1	66.23
RE24020	5/16		0.3125	33.0	117.0	1	70.30
RE24580		8.00	0.3150	33.0	117.0	1	66.68
RE24022	11/32		0.3438	36.0	125.0	1	68.48
RE24590		9.00	0.3543	36.0	125.0	1	69.77
RE24024	3/8		0.3750	38.0	133.0	1	79.64

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
RE24600		10.00	0.3937	38.0	133.0	1	72.49
RE24026	13/32		0.4062	38.0	133.0	1	81.87
RE24610		11.00	0.4331	41.0	142.0	1	84.55
RE24028	7/16		0.4375	41.0	142.0	1	92.61
RE24030	15/32		0.4688	44.0	151.0	1	86.79
RE24620		12.00	0.4724	44.0	151.0	1	84.09
RE24032	1/2		0.5000	44.0	151.0	1	86.79
RE24630		13.00	0.5118	44.0	151.0	1	89.05
RE24640		14.00	0.5512	47.0	160.0	1	106.97
RE24036	9/16		0.5625	50.0	162.0	1	107.85
RE24650		15.00	0.5906	50.0	162.0	1	114.12
RE24040	5/8		0.6250	52.0	170.0	1	113.24
RE24660		16.00	0.6299	52.0	170.0	1	112.30

ALÉSIRS

**HAND REAMERS - SPIRAL FLUTE - STRAIGHT SHANK**  
**ALESOIRS A MAIN - CANNELURES HELICOIDALES - QUEUE CYLINDRIQUE**

**RE41**



**HAND**

**REAMERS**

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
RE41004	1/16		0.0625	21.0	44.0	1	70.70
RE41520		2.00	0.0787	25.0	50.0	1	58.61
RE41006	3/32		0.0938	29.0	58.0	1	52.83
RE41525		2.50	0.0984	29.0	58.0	1	52.83
RE41530		3.00	0.1181	31.0	62.0	1	45.63
RE41008	1/8		0.1250	33.0	66.0	1	39.89
RE41535		3.50	0.1378	35.0	71.0	1	39.89
RE41009	9/64		0.1406	35.0	71.0	1	47.00
RE41010	5/32		0.1562	38.0	78.0	1	43.39
RE41540		4.00	0.1575	38.0	78.0	1	40.29
RE41011	11/64		0.1719	41.0	81.0	1	47.45
RE41545		4.50	0.1772	41.0	81.0	1	44.35
RE41012	3/16		0.1875	44.0	87.0	1	43.84
RE41550		5.00	0.1968	44.0	87.0	1	42.55
RE41013	13/64		0.2031	44.0	87.0	1	50.61
RE41555		5.50	0.2165	48.0	93.0	1	49.68
RE41014	7/32		0.2188	48.0	93.0	1	46.56
RE41015	15/64		0.2344	48.0	93.0	1	51.06
RE41560		6.00	0.2362	48.0	93.0	1	44.76
RE41016	1/4		0.2500	50.0	100.0	1	44.76
RE41565		6.50	0.2559	50.0	100.0	1	49.68
RE41017	17/64		0.2656	54.0	107.0	1	54.58
RE41570		7.00	0.2756	54.0	107.0	1	46.56
RE41018	9/32		0.2812	54.0	107.0	1	51.89
RE41575		7.50	0.2963	58.0	115.0	1	51.89
RE41019	19/64		0.2969	58.0	115.0	1	58.61
RE41020	5/16		0.3125	58.0	115.0	1	51.89
RE41580		8.00	0.3150	58.0	115.0	1	51.89
RE41021	21/64		0.3281	58.0	115.0	1	61.29
RE41585		8.50	0.3346	58.0	115.0	1	55.93
RE41022	11/32		0.3438	62.0	124.0	1	64.43
RE41590		9.00	0.3543	62.0	124.0	1	60.41
RE41023	23/64		0.3594	62.0	124.0	1	74.30
RE41595		9.50	0.3740	62.0	124.0	1	66.23
RE41024	3/8		0.3750	66.0	133.0	1	59.98
RE41025	25/64		0.3906	66.0	133.0	1	75.16
RE41600		10.00	0.3937	66.0	133.0	1	59.98
RE41026	13/32		0.4062	66.0	133.0	1	71.99
RE41605		10.50	0.4134	66.0	133.0	1	69.77
RE41027	27/64		0.4219	71.0	142.0	1	81.01
RE41610		11.00	0.4331	71.0	142.0	1	69.77
RE41028	7/16		0.4375	71.0	142.0	1	71.14
RE41615		11.50	0.4528	71.0	142.0	1	74.76
RE41029	29/64		0.4531	71.0	142.0	1	89.55
RE41030	15/32		0.4688	76.0	152.0	1	77.40
RE41620		12.00	0.4724	76.0	152.0	1	67.54
RE41031	31/64		0.4844	76.0	152.0	1	98.47
RE41625		12.50	0.4921	76.0	152.0	1	76.56
RE41032	1/2		0.5000	76.0	152.0	1	88.90
RE41630		13.00	0.5118	76.0	152.0	1	70.30

CODE	FRAC	MM	DEC	FLT	OA	PKG	\$ EA
RE41034	17/32		0.5312	81.0	163.0	1	92.65
RE41635		13.50	0.5315	81.0	163.0	1	90.85
RE41640		14.00	0.5512	81.0	163.0	1	87.31
RE41036	9/16		0.5625	81.0	163.0	1	87.31
RE41650		15.00	0.5906	81.0	163.0	1	95.32
RE41038	19/32		0.5938	87.0	175.0	1	118.33
RE41040	5/8		0.6250	87.0	175.0	1	88.16
RE41660		16.00	0.6299	87.0	175.0	1	93.50
RE41042	21/32		0.6562	87.0	175.0	1	131.53
RE41670		17.00	0.6693	87.0	175.0	1	106.97
RE41044	11/16		0.6875	93.0	188.0	1	115.47
RE41680		18.00	0.7087	93.0	188.0	1	106.97
RE41046	23/32		0.7188	93.0	188.0	1	149.42
RE41690		19.00	0.7460	93.0	188.0	1	119.96
RE41048	3/4		0.7500	100.0	201.0	1	119.96
RE41050	25/32		0.7812	100.0	201.0	1	219.68
RE41700		20.00	0.7874	100.0	201.0	1	123.47
RE41052	13/16		0.8125	100.0	201.0	1	140.48
RE41710		21.00	0.8268	100.0	201.0	1	145.45
RE41054	27/32		0.8438	107.0	215.0	1	232.65
RE41720		22.00	0.8661	107.0	215.0	1	156.67
RE41056	7/8		0.8750	107.0	215.0	1	150.77
RE41730		23.00	0.9055	107.0	215.0	1	169.62
RE41058	29/32		0.9062	107.0	215.0	1	232.65
RE41060	15/16		0.9375	115.0	231.0	1	211.20
RE41740		24.00	0.9449	115.0	231.0	1	197.78
RE41062	31/32		0.9688	115.0	231.0	1	279.65
RE41750		25.00	0.9842	115.0	231.0	1	221.47
RE41100	1"		1.0000	115.0	231.0	1	221.47
RE41760		26.00	1.0236	115.0	231.0	1	232.68
RE41104	1-1/16		1.0625	124.0	247.0	1	255.07
RE41770		27.00	1.0630	124.0	247.0	1	246.09
RE41780		28.00	1.1024	124.0	247.0	1	243.84
RE41108	1-1/8		1.1250	124.0	247.0	1	248.29
RE41800		30.00	1.1811	124.0	247.0	1	288.57
RE41116	1-1/4		1.2500	133.0	265.0	1	302.03
RE41820		32.00	1.2598	133.0	265.0	1	311.02
RE41830		33.00	1.2962	133.0	265.0	1	361.52
RE41840		34.00	1.3386	142.0	284.0	1	364.71
RE41124	1-3/8		1.3750	142.0	284.0	1	366.92
RE41850		35.00	1.3780	142.0	284.0	1	405.90
RE41860		36.00	1.4173	142.0	284.0	1	398.21
RE41880		38.00	1.4961	152.0	305.0	1	447.45
RE41132	1-1/2		1.5000	152.0	305.0	1	442.97
RE41900		40.00	1.5748	152.0	305.0	1	360.48
RE41140	1-5/8		1.6250	152.0	305.0	1	501.18
RE41148	1-3/4		1.7500	163.0	326.0	1	648.86
RE41156	1-7/8		1.8750	174.0	347.0	1	774.38
RE41200	2"		2.0000	174.0	347.0	1	804.07

**ALÉSOIRS**



**TAPER PIN REAMERS - STRAIGHT FLUTE - STRAIGHT SHANK**  
**ALESOIRS CONIQUE POUR TROUS DE GOUPILLES**

**RE30**



**NUMBER**

CODE	NO	d1	d2	FLT	OA	PKG	\$ EA
RE30197	7/0	0.0497	0.0666	13/16	1-13/16	1	40.33
RE30198	5/0	0.0611	0.0806	15/16	1-15/16	1	40.33
RE30195	5/0	0.0719	0.0966	1-3/16	2-3/16	1	36.86
RE30194	4/0	0.0869	0.1142	1-5/16	2-5/16	1	36.86
RE30193	3/0	0.1029	0.1302	1-5/16	2-5/16	1	36.86
RE30192	2/0	0.1137	0.1462	1-9/16	2-9/16	1	32.98
RE30200	0	0.1287	0.1638	1-11/16	2-15/16	1	31.56
RE30201	1	0.1447	0.1798	1-11/16	2-15/16	1	30.74
RE30202	2	0.1605	0.2008	1-15/16	3-3/16	1	30.74
RE30203	3	0.1813	0.2294	2-5/16	3-11/16	1	30.74
RE30204	4	0.2071	0.2604	2-9/16	4-1/16	1	34.22

CODE	NO	d1	d2	FLT	OA	PKG	\$ EA
RE30205	5	0.2409	0.2994	2-13/16	4-5/16	1	36.86
RE30206	6	0.2773	0.3540	3-11/16	5-7/16	1	44.40
RE30207	7	0.3297	0.4220	4-7/16	6-5/16	1	57.24
RE30208	8	0.3971	0.5050	5-3/16	7-3/16	1	73.13
RE30209	9	0.4805	0.6066	6-1/16	8-5/16	1	89.62
RE30210	10	0.5799	0.7216	6-13/16	9-5/16	1	121.39
RE30211	11	0.7060	0.8780	8-1/4	11-1/4	1	241.16
RE30212	12	0.8420	1.0500	10"	13-5/8	1	344.61
RE30213	13	1.0090	1.2590	12"	16"	1	511.62
RE30214	14	1.2500	1.5420	14"	18-1/4	1	646.87

**TAPER PIN REAMERS - STRAIGHT FLUTE - STRAIGHT SHANK**  
**ALESOIRS CONIQUE POUR TROUS DE GOUPILLES**

**RE30**



**FRACTIONAL**

CODE	FRAC	d1	d2	FLT	OA	PKG	\$ EA
RE30005	5/64	0.0592	0.0800	1"	2"	1	73.40
RE30006	3/32	0.0690	0.0950	1-1/4	2-1/4	1	60.41
RE30007	7/64	0.0798	0.1110	1-1/2	2-1/2	1	64.43
RE30008	1/8	0.0905	0.1270	1-3/4	2-3/4	1	50.10
RE30009	9/64	0.1039	0.1430	1-7/8	2-7/8	1	63.59
RE30010	5/32	0.1163	0.1580	2"	3"	1	57.55
RE30011	11/64	0.1271	0.1740	2-1/4	3-1/2	1	62.21
RE30012	3/16	0.1377	0.1950	2-3/4	4"	1	60.56
RE30014	7/32	0.1627	0.2200	2-3/4	4"	1	64.80
RE30015	1/4	0.1827	0.2530	3-3/8	4-5/8	1	63.07

CODE	FRAC	d1	d2	FLT	OA	PKG	\$ EA
RE30018	9/32	0.2061	0.2920	4-1/8	5-5/8	1	74.15
RE30020	5/16	0.2301	0.3160	4-1/8	5-5/8	1	77.40
RE30022	11/32	0.2533	0.3470	4-1/2	6"	1	77.14
RE30024	3/8	0.2768	0.3810	5"	6-1/2	1	85.90
RE30026	13/32	0.2922	0.4120	5-3/4	7-1/2	1	101.16
RE30028	7/16	0.3232	0.4430	5-3/4	7-1/2	1	104.71
RE30032	1/2	0.3706	0.5060	6-1/2	8-1/4	1	147.17
RE30036	9/16	0.4304	0.5710	6-3/4	8-1/2	1	221.50
RE30040	5/8	0.4768	0.6330	7-1/2	9-1/4	1	250.54
RE30048	3/4	0.5777	0.7600	8-3/4	10-3/4	1	295.27

**TAPER PIN REAMERS - STRAIGHT FLUTE - STRAIGHT SHANK**  
**ALESOIRS CONIQUE POUR TROUS DE GOUPILLES**

**RE30**



**METRIC**

CODE	MM	d1	d2	FLT	OA	PKG	\$ EA
RE30520	2.00	1.90	2.86	48.0	68.0	1	49.63
RE30525	2.50	2.40	3.36	48.0	68.0	1	51.06
RE30530	3.00	2.90	4.06	58.0	80.0	1	52.34
RE30540	4.00	3.90	5.26	68.0	93.0	1	58.61
RE30550	5.00	4.90	6.36	73.0	100.0	1	63.06
RE30560	6.00	5.90	8.00	105.0	135.0	1	73.40
RE30580	8.00	7.90	10.80	145.0	180.0	1	93.07
RE30600	10.00	9.90	13.40	175.0	215.0	1	119.02
RE30620	12.00	11.80	16.00	194.0	240.0	1	137.38

CODE	MM	d1	d2	FLT	OA	PKG	\$ EA
RE30630	13.00	12.86	16.74	194.0	240.0	1	166.65
RE30640	14.00	13.86	17.76	194.0	240.0	1	228.22
RE30660	16.00	15.80	20.40	230.0	280.0	1	277.41
RE30700	20.00	19.80	24.80	230.0	310.0	1	380.35

**TAPER PIN REAMERS - SPIRAL FLUTE - STRAIGHT SHANK**  
**ALESOIRS CONIQUE POUR TROUS DE GOUPILLES**

**RE31**



**NUMBER**

CODE	NO	d1	d2	FLT	OA	PKG	\$ EA
RE31192	7/0	0.0497	0.0666	13/16	1-13/16	1	35.28
RE31193	6/0	0.0611	0.0806	15/16	1-15/16	1	40.48
RE31194	5/0	0.0719	0.0986	1-3/16	2-3/16	1	42.21
RE31195	4/0	0.0869	0.1142	1-5/16	2-5/16	1	42.21
RE31196	3/0	0.1029	0.1302	1-5/16	2-5/16	1	43.94
RE31197	2/0	0.1137	0.1462	1-9/16	2-9/16	1	43.94
RE31200	0	0.1287	0.1638	1-11/16	2-15/16	1	33.86
RE31201	1	0.1447	0.1798	1-11/16	2-15/16	1	34.34
RE31202	2	0.1605	0.2008	1-15/16	3-3/16	1	34.97
RE31203	3	0.1813	0.2294	2-5/16	3-11/16	1	34.34
RE31204	4	0.2071	0.2604	2-9/16	4-1/16	1	34.97

CODE	NO	d1	d2	FLT	OA	PKG	\$ EA
RE31205	5	0.2409	0.2994	2-13/16	4-5/16	1	40.32
RE31206	6	0.2773	0.3540	3-11/16	5-7/16	1	49.46
RE31207	7	0.3297	0.4220	4-7/16	6-5/16	1	62.21
RE31208	8	0.3971	0.5050	5-3/16	7-3/16	1	80.17
RE31209	9	0.4805	0.6066	6-1/16	8-5/16	1	100.33
RE31210	10	0.5799	0.7216	6-13/16	9-5/16	1	122.38
RE31211	11	0.7060	0.8760	8-1/4	11-1/4	1	267.59
RE31212	12	0.8420	1.0500	10"	13-5/8	1	421.94
RE31213	13	1.0090	1.2590	12"	16"	1	597.71
RE31214	14	1.2500	1.5420	14"	18-1/4	1	745.13

**CHUCKING REAMERS - STRAIGHT FLUTE - TAPER SHANK - HSS**  
**ALESOIRS EN BOUT - CANNELURES DROITE - QUEUE CONIQUE - ACIER RAPIDE**

**RE18**



**STRAIGHT FLUTE**

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
RE18018	1/4	#1	0.2500	1-1/2	6"	1	42.83
RE18020	5/16	#1	0.3125	1-1/2	6"	1	42.83
RE18024	3/8	#1	0.3750	1-3/4	7"	1	42.83
RE18028	7/16	#1	0.4375	1-3/4	7"	1	47.88
RE18032	1/2	#1	0.5000	2"	8"	1	50.84
RE18036	9/16	#2	0.5625	2"	8"	1	77.02
RE18040	5/8	#2	0.6250	2-1/4	9"	1	62.86
RE18044	11/16	#2	0.6875	2-1/4	9"	1	93.12
RE18048	3/4	#2	0.7500	2-1/2	9-1/2	1	75.75
RE18052	13/16	#2	0.8125	2-1/2	9-1/2	1	121.26

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
RE18056	7/8	#2	0.8750	2-5/8	10"	1	100.17
RE18060	15/16	#3	0.9375	2-5/8	10"	1	150.39
RE18100	1"	#3	1.0000	2-3/4	10-1/2	1	122.46
RE18104	1-1/16	#3	1.0625	2-3/4	10-1/2	1	186.63
RE18108	1-1/8	#3	1.1250	2-7/8	11"	1	149.69
RE18112	1-3/16	#3	1.1875	2-7/8	11"	1	225.23
RE18116	1-1/4	#4	1.2500	3"	11-1/2	1	179.50
RE18124	1-3/8	#4	1.3750	3-1/4	12"	1	224.84
RE18132	1-1/2	#4	1.5000	3-1/2	12-1/2	1	342.95

**CHUCKING REAMERS - SPIRAL FLUTE - TAPER SHANK - COBALT**  
**ALESOIRS EN BOUT - CANNELURES HELICOIDALES - QUEUE CONIQUE - COBALT**

**RE22**



**COBALT**

CODE	MM	MTS	DEC	FLT	OA	PKG	\$ EA
RE22550	5.00	#1	0.1968	23.0	114.0	1	63.06
RE22560	6.00	#1	0.2362	26.0	138.0	1	64.43
RE22570	7.00	#1	0.2756	31.0	150.0	1	67.54
RE22580	8.00	#1	0.3150	33.0	156.0	1	67.54
RE22590	9.00	#1	0.3543	36.0	162.0	1	68.05
RE22600	10.00	#1	0.3937	38.0	168.0	1	68.91
RE22610	11.00	#1	0.4331	41.0	175.0	1	71.69
RE22620	12.00	#1	0.4724	44.0	182.0	1	73.79
RE22630	13.00	#1	0.5118	44.0	182.0	1	74.30
RE22640	14.00	#1	0.5512	47.0	189.0	1	83.21
RE22650	15.00	#2	0.5906	50.0	204.0	1	82.21
RE22660	16.00	#2	0.6299	52.0	210.0	1	102.04
RE22670	17.00	#2	0.6693	54.0	214.0	1	111.88
RE22680	18.00	#2	0.7087	56.0	219.0	1	116.33

CODE	MM	MTS	DEC	FLT	OA	PKG	\$ EA
RE22690	19.00	#2	0.7480	58.0	223.0	1	131.11
RE22700	20.00	#2	0.7874	60.0	228.0	1	145.85
RE22710	21.00	#2	0.8268	62.0	232.0	1	154.38
RE22720	22.00	#2	0.8661	64.0	237.0	1	162.89
RE22730	23.00	#2	0.9055	66.0	241.0	1	166.47
RE22740	24.00	#3	0.9449	68.0	246.0	1	232.68
RE22750	25.00	#3	0.9842	68.0	246.0	1	234.93
RE22760	26.00	#3	1.0236	70.0	273.0	1	243.84
RE22780	28.00	#3	1.1024	71.0	277.0	1	281.91
RE22800	30.00	#3	1.1811	73.0	281.0	1	299.78
RE22820	32.00	#4	1.2598	77.0	317.0	1	407.16
RE22840	34.00	#4	1.3386	78.0	321.0	1	469.79
RE22860	36.00	#4	1.4173	79.0	325.0	1	541.42
RE22880	38.00	#4	1.4961	81.0	329.0	1	581.66



**MACHINE REAMERS - SPIRAL FLUTE - TAPER SHANK**  
**ALESOIRS POUR MACHINE - CANNELURES HELICOIDALES - QUEUE CONIQUE**

**RE45**



**MACHINE**

**REAMERS**

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
RE45530		3.00	#1	0.1181	31	104	1	53.72
RE45008	1/8		#1	0.1250	33	106	1	53.27
RE45535		3.50	#1	0.1378	35	108	1	67.55
RE45009	9/64		#1	0.1406	35	108	1	67.55
RE45010	5/32		#1	0.1562	38	112	1	64.43
RE45540		4.00	#1	0.1575	38	112	1	54.59
RE45011	11/64		#1	0.1719	41	115	1	74.76
RE45545		4.50	#1	0.1772	41	115	1	63.59
RE45012	3/16		#1	0.1875	44	118	1	59.98
RE45550		5.00	#1	0.1968	44	118	1	57.32
RE45013	13/64		#1	0.2031	44	118	1	67.55
RE45555		5.50	#1	0.2165	48	125	1	64.88
RE45014	7/32		#1	0.2188	48	125	1	66.23
RE45015	15/64		#1	0.2344	48	125	1	75.18
RE45560		6.00	#1	0.2362	48	125	1	58.61
RE45016	1/4		#1	0.2500	50	130	1	59.98
RE45565		6.50	#1	0.2599	50	130	1	67.10
RE45017	17/64		#1	0.2656	54	134	1	76.06
RE45570		7.00	#1	0.2756	54	134	1	61.29
RE45018	9/32		#1	0.2812	54	134	1	68.49
RE45575		7.50	#1	0.2953	54	134	1	68.90
RE45019	19/64		#1	0.2969	58	138	1	74.31
RE45020	5/16		#1	0.3125	58	138	1	63.06
RE45580		8.00	#1	0.3150	58	138	1	61.29
RE45021	21/64		#1	0.3281	58	138	1	76.97
RE45585		8.50	#1	0.3346	58	138	1	67.54
RE45022	11/32		#1	0.3438	62	141	1	67.54
RE45590		9.00	#1	0.3543	62	141	1	61.78
RE45023	23/64		#1	0.3594	62	141	1	77.85
RE45595		9.50	#1	0.3740	62	141	1	76.97
RE45024	3/8		#1	0.3750	67	146	1	82.64
RE45025	25/64		#1	0.3906	67	146	1	78.28
RE45600		10.00	#1	0.3937	67	146	1	82.64
RE45028	13/32		#1	0.4062	87	146	1	73.40
RE45605		10.50	#1	0.4134	67	146	1	73.40
RE45027	27/64		#1	0.4219	71	151	1	81.45
RE45610		11.00	#1	0.4331	71	151	1	64.88
RE45028	7/16		#1	0.4375	71	151	1	67.08
RE45615		11.50	#1	0.4528	71	151	1	74.76
RE45029	29/64		#1	0.4531	71	151	1	81.87
RE45030	15/32		#1	0.4688	76	156	1	74.76
RE45620		12.00	#1	0.4724	76	156	1	67.08
RE45031	31/64		#1	0.4844	76	156	1	84.55
RE45625		12.50	#1	0.4921	76	156	1	75.18
RE45032	1/2		#1	0.5000	76	156	1	67.54
RE45630		13.00	#1	0.5118	76	156	1	67.54
RE45034	17/32		#1	0.5312	81	160	1	80.08
RE45640		14.00	#1	0.5512	81	160	1	75.61
RE45036	9/16		#2	0.5625	81	181	1	83.66
RE45650		15.00	#2	0.5906	81	181	1	83.66

CODE	FRAC	MM	MTS	DEC	FLT	OA	PKG	\$ EA
RE45038	19/32		#2	0.5938	87	187	1	98.92
RE45040	5/8		#2	0.6250	87	187	1	88.58
RE45660		16.00	#2	0.6299	87	187	1	92.65
RE45042	21/32		#2	0.6562	87	187	1	115.00
RE45670		17.00	#2	0.6693	87	187	1	101.59
RE45044	11/16		#2	0.6875	94	194	1	105.59
RE45680		18.00	#2	0.7087	94	194	1	105.59
RE45046	23/32		#2	0.7188	94	194	1	125.72
RE45690		19.00	#2	0.7480	94	194	1	119.01
RE45048	3/4		#2	0.7500	100	200	1	119.01
RE45050	25/32		#2	0.7812	100	200	1	138.68
RE45700		20.00	#2	0.7874	100	200	1	132.48
RE45052	13/16		#2	0.8125	100	200	1	126.22
RE45710		21.00	#2	0.8268	100	200	1	140.48
RE45054	27/32		#2	0.8438	106	206	1	155.70
RE45720		22.00	#2	0.8661	106	206	1	148.11
RE45056	7/8		#2	0.8750	106	206	1	139.61
RE45730		23.00	#2	0.9055	106	206	1	151.20
RE45058	29/32		#2	0.9062	106	206	1	164.21
RE45060	15/16		#3	0.9375	114	241	1	212.52
RE45740		24.00	#3	0.9449	114	241	1	222.35
RE45062	31/32		#3	0.9668	114	241	1	246.09
RE45750		25.00	#3	0.9842	114	241	1	223.72
RE45100	1"		#3	1.0000	114	241	1	225.97
RE45760		26.00	#3	1.0236	114	241	1	232.68
RE45104	1-1/16		#3	1.0625	124	251	1	266.24
RE45770		27.00	#3	1.0630	124	251	1	257.30
RE45780		28.00	#3	1.1024	124	251	1	268.49
RE45108	1-1/8		#3	1.1250	124	251	1	261.78
RE45800		30.00	#3	1.1811	124	251	1	286.37
RE45116	1-1/4		#3	1.2500	133	260	1	340.04
RE45820		32.00	#4	1.2598	133	294	1	387.06
RE45830		33.00	#4	1.2982	133	294	1	436.55
RE45840		34.00	#4	1.3386	142	303	1	447.45
RE45124	1-3/8		#4	1.3750	142	303	1	402.68
RE45850		35.00	#4	1.3780	142	303	1	475.65
RE45860		36.00	#4	1.4173	142	303	1	514.58
RE45880		38.00	#4	1.4961	152	312	1	554.81
RE45132	1-1/2		#4	1.5000	152	312	1	501.18
RE45900		40.00	#4	1.5748	152	312	1	608.55
RE45140	1-5/8		#4	1.6250	152	312	1	608.55
RE45902		42.00	#4	1.6535	152	312	1	684.60
RE45904		44.00	#4	1.7323	163	323	1	850.14
RE45148	1-3/4		#4	1.7500	163	323	1	711.48
RE45905		45.00	#4	1.7716	163	323	1	807.08
RE45906		46.00	#4	1.8110	163	323	1	908.28
RE45156	1-7/8		#4	1.8750	175	334	1	903.82
RE45908		48.00	#4	1.8898	175	334	1	962.01
RE45910		50.00	#4	1.9685	175	334	1	937.65
RE45200	2"		#4	2.0000	175	334	1	899.37

**ALÉSIRS**

**BRIDGE REAMERS - STRAIGHT FLUTE - TAPER SHANK**  
**ALESOIRS DE CHAUDRONNERIE - CANNELURES DROITE - QUEUE CONIQUE**

**RE01**



**STRAIGHT FLUTE**

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
RE01036	9/16	#2	0.5625	5-1/8	9"	1	90.08
RE01044	11/16	#3	0.6875	7-1/8	11-3/4	1	121.83
RE01048	3/4	#3	0.7500	7-3/8	12"	1	131.92
RE01052	13/16	#3	0.8125	7-3/8	12"	1	137.14
RE01056	7/8	#3	0.8750	7-3/8	12"	1	158.79
RE01060	15/16	#3	0.9375	7-3/8	12"	1	158.79

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
RE01100	1"	#3	1.0000	7-3/8	12"	1	182.10
RE01104	1-1/16	#3	1.0625	7-3/8	12"	1	200.32
RE01108	1-1/8	#3	1.1250	7-3/8	12"	1	226.40
RE01112	1-3/16	#3	1.1875	7-3/8	12"	1	252.44
RE01116	1-1/4	#4	1.2500	7-3/8	13"	1	276.90
RE01124	1-3/8	#4	1.3750	7-3/8	13"	1	377.86

**BRIDGE REAMERS - SPIRAL FLUTE - TAPER SHANK**  
**ALESOIRS DE CHAUDRONNERIE - CANNELURES HELICOIDALES - QUEUE CONIQUE**

**RE02**



**SPIRAL FLUTE**

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
RE02028	7/16	#2	0.4375	4-3/8	8-1/4	1	73.63
RE02032	1/2	#2	0.5000	5-1/8	9"	1	90.08
RE02036	9/16	#2	0.5625	5-1/8	9"	1	90.08
RE02040	5/8	#2	0.6250	6-1/8	10"	1	121.83
RE02044	11/16	#3	0.6875	7-1/8	11-3/4	1	121.83
RE02048	3/4	#3	0.7500	7-3/8	12"	1	131.92
RE02052	13/16	#3	0.8125	7-3/8	12"	1	137.14
RE02056	7/8	#3	0.8750	7-3/8	12"	1	158.79

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
RE02060	15/16	#3	0.9375	7-3/8	12"	1	158.79
RE02100	1"	#3	1.0000	7-3/8	12"	1	182.10
RE02104	1-1/16	#3	1.0625	7-3/8	12"	1	200.32
RE02108	1-1/8	#3	1.1250	7-3/8	12"	1	226.40
RE02112	1-3/16	#3	1.1875	7-3/8	12"	1	252.44
RE02116	1-1/4	#4	1.2500	7-3/8	13"	1	276.90
RE02120	1-5/16	#4	1.3125	7-3/8	13"	1	319.23
RE02124	1-3/8	#4	1.3750	7-3/8	13"	1	377.86

**ADJUSTABLE REAMERS - STRAIGHT SHANK**  
**ALESOIRS EXPANSIBLES - QUEUE CYLINDRIQUE**

**RE50**



**ADJUSTABLE**

CODE	NO	RANGE	FLT	OA	PKG	\$ EA
RE50016	HV	1/4 9/32	34.1	82.6	1	210.58
RE50018	HW	9/32 5/16	34.1	88.9	1	210.58
RE50020	HY	11/32 3/8	38.1	111.1	1	200.70
RE50022	HZ	5/16 11/32	38.1	104.8	1	200.70
RE50024	H1	3/8 13/32	38.1	120.7	1	203.98
RE50026	H2	13/32 7/16	38.1	127.0	1	208.11
RE50028	H3	7/16 15/32	41.3	133.4	1	208.97
RE50030	H4	15/32 17/32	41.3	139.7	1	209.74
RE50034	H5	17/32 19/32	46.0	146.1	1	216.34
RE50038	H6	19/32 21/32	52.4	165.1	1	226.22
RE50042	H7	21/32 23/32	55.6	171.5	1	229.51

CODE	NO	RANGE	FLT	OA	PKG	\$ EA
RE50046	H8	23/32 25/32	66.5	177.8	1	247.57
RE50050	H9	25/32 27/32	66.7	187.3	1	256.63
RE50054	H10	27/32 15/16	76.2	203.2	1	283.75
RE50060	H11	15/16 1-1/16	82.6	228.6	1	329.02
RE50104	H12	1-1/16 1-3/16	85.7	254.0	1	384.95
RE50112	H13	1-3/16 1-11/32	98.4	279.4	1	469.98
RE50122	H14	1-11/32 1-1/2	108.0	304.8	1	542.85
RE50132	H15	1-1/2 1-13/16	112.7	355.6	1	659.02
RE50152	H16	1-13/16 2-7/32	123.8	406.4	1	954.11
RE50214	H17	2-7/32 2-3/4	127.0	457.2	1	1612.11
RE50248	H18	2-3/4 3-11/32	133.4	508.0	1	2196.12



**REPLACEMENT PARTS FOR ADJUSTABLE REAMERS  
PIECES DE RECHANGE POUR LES ALESOIRS REGLABLES**

**RE53-54-55**



**PARTS**

REAMER CODE	REAMER NO	BLADES		PILOT		ADJUSTING NUT	
		CODE	\$ EA	CODE	\$ EA	CODE	\$ EA
RE50016	HV	RE53016	99.68	RE54016	151.08	RE55016	16.14
RE50018	HW	RE53018	99.68	RE54018	151.08	RE55018	16.14
RE50020	HY	RE53020	99.68	RE54020	147.90	RE55020	16.14
RE50022	HZ	RE53022	99.68	RE54022	147.90	RE55022	16.14
RE50024	H1	RE53024	106.02	RE54024	115.52	RE55024	17.29
RE50026	H2	RE53026	113.69	RE54026	117.05	RE55026	17.29
RE50028	H3	RE53028	115.51	RE54028	117.83	RE55028	18.34
RE50030	H4	RE53030	117.05	RE54030	119.45	RE55030	18.34
RE50034	H5	RE53034	121.01	RE54034	120.24	RE55034	19.20
RE50038	H6	RE53038	130.57	RE54038	122.62	RE55038	22.31
RE50042	H7	RE53042	134.49	RE54042	139.98	RE55042	22.31
RE50046	H8	RE53046	153.51	RE54046	141.60	RE55046	23.37
RE50050	H9	RE53050	158.17	RE54050	147.14	RE55050	23.37
RE50054	H10	RE53054	171.61	RE54054	155.81	RE55054	24.38
RE50060	H11	RE53060	219.06	RE54060	157.43	RE55060	26.37
RE50104	H12	RE53104	244.38	RE54104	181.94	RE55104	26.37
RE50112	H13	RE53112	295.34	RE54112	188.29	RE55112	32.45
RE50122	H14	RE53122	347.20	RE54122	217.55	RE55122	35.55
RE50132	H15	RE53132	383.59	RE54132	249.91	RE55132	46.10
RE50152	H16	RE53152	557.57	RE54152	407.32	RE55152	52.64
RE50214	H17	RE53214	790.88	RE54214	688.12	RE55214	102.82
RE50248	H18	RE53248	1036.09	RE54248	854.14	RE55248	151.34

**ALIGNING REAMER – STRAIGHT SHANK – 3 FLATS – HSS  
ALESOIRS ALIGNANT – QUEUE CYLINDRIQUE – ACIER RAPIDE**

**RE19**



**HSS**

CODE	FRAC	DEC	FLT	OA	SHK	\$ EA
RE19016	1/4	0.2500	2-1/2	4-3/8	1/4	88.70
RE19020	5/16	0.3125	2-3/4	4-5/8	5/16	88.70
RE19024	3/8	0.3750	2-3/4	4-5/8	3/8	88.70
RE19028	7/16	0.4375	3-1/2	5-3/8	7/16	91.93
RE19032	1/2	0.5000	4"	5-7/8	1/2	91.93
RE19036	9/16	0.5625	4"	5-7/8	1/2	102.38
RE19039	39/64	0.6094	4-1/2	6-3/8	1/2	114.91
RE19040	5/8	0.6250	4-1/2	6-3/8	1/2	106.55

CODE	FRAC	DEC	FLT	OA	SHK	\$ EA
RE19044	11/16	0.6875	4-1/2	6-3/8	1/2	118.57
RE19048	3/4	0.7500	5"	6-7/8	1/2	141.97
RE19052	13/16	0.8125	5"	6-7/8	1/2	143.12
RE19056	7/8	0.8750	5"	6-7/8	1/2	153.66
RE19060	15/16	0.9375	5"	6-7/8	1/2	160.67
RE19100	1	1.0000	5"	6-7/8	1/2	187.82
RE19104	1-1/16	1.0625	5"	6-7/8	1/2	219.39

**ALIGNING REAMER – HEX SHANK – HSS  
ALESOIRS ALIGNANT – QUEUE HEXAGONAL – ACIER RAPIDE**

**RE20**



**HSS**

CODE	FRAC	DEC	FLT	OA	HEX	\$ EA
RE20044	11/16	0.6875	4-1/2	6-1/2	1-1/16	124.95
RE20052	13/16	0.8125	5"	7"	1-1/4	152.23

CODE	FRAC	DEC	FLT	OA	HEX	\$ EA
RE20060	15/16	0.9375	5"	7"	1-7/16	168.95
RE20104	1-1/16	1.0625	5"	7"	1-5/8	227.00

# TAPS

# TARAUDS



**WARWICK HAND TAPS - HSS GROUND THREAD - MACHINE SCREW SIZES**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILETS RECTIFIES - TAILLES NUMERIQUE**

**TA03**



TAPS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ CH
0-80 NF	TA03002	TA03003	TA03004	3/8	1-5/8	0.141	3	25.67	TA03001	77.02
1-64 NC	TA03012	TA03013	TA03014	7/16	1-11/16	0.141	2	24.90	TA03011	74.66
1-72 NF	TA03312	TA03313	TA03314	7/16	1-11/16	0.141	3	24.90	TA03311	74.66
2-56 NC	TA03022	TA03023	TA03024	1/2	1-3/4	0.141	3	21.17	TA03021	63.57
2-64 NF	TA03322	TA03323	TA03324	1/2	1-3/4	0.141	3	21.17	TA03321	63.57
3-48 NC	TA03032	TA03033	TA03034	9/16	1-13/16	0.141	3	15.63	TA03031	46.89
3-56 NF	TA03332	TA03333	TA03334	9/16	1-13/16	0.141	3	15.63	TA03331	46.89
4-40 NC	TA03042	TA03043	TA03044	5/8	1-7/8	0.141	3	12.87	TA03041	38.63
4-48 NF	TA03342	TA03343	TA03344	5/8	1-7/8	0.141	3	12.87	TA03341	38.63
5-40 NC	TA03052	TA03053	TA03054	11/16	1-15/16	0.141	3	12.87	TA03051	38.63
5-44 NF	TA03352	TA03353	TA03354	11/16	1-15/16	0.141	3	12.87	TA03351	38.63
6-32 NC	TA03062	TA03063	TA03064	11/16	2"	0.141	3	9.78	TA03061	29.34
6-40 NF	TA03362	TA03363	TA03364	11/16	2"	0.141	3	9.78	TA03361	29.34
8-32 NC	TA03082	TA03083	TA03084	3/4	2-1/8	0.168	4	9.78	TA03081	29.34
8-36 NF	TA03382	TA03383	TA03384	3/4	2-1/8	0.168	4	9.78	TA03381	29.34
10-24 NC	TA03102	TA03103	TA03104	7/8	2-3/8	0.194	4	10.61	TA03101	31.80
10-32 NF	TA03402	TA03403	TA03404	7/8	2-3/8	0.194	4	10.61	TA03401	31.80
12-24 NC	TA03122	TA03123	TA03124	15/16	2-3/8	0.220	4	10.93	TA03121	32.80
12-28 NF	TA03422	TA03423	TA03424	15/16	2-3/8	0.220	4	10.93	TA03421	32.80

**WARWICK HAND TAPS - HSS GROUND THREAD - FRACTIONAL**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILETS RECTIFIES - FRACTIONNEL**

**TA01**



TARAUDS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ CH
1/4-20 NC	TA01042	TA01043	TA01044	1"	2-1/2	0.255	4	10.42	TA01041	31.27
1/4-28 NF	TA01342	TA01343	TA01344	1"	2-1/2	0.255	4	10.42	TA01341	31.27
5/16-18 NC	TA01052	TA01053	TA01054	1-1/8	2-23/32	0.318	4	12.94	TA01051	38.83
5/16-24 NF	TA01352	TA01353	TA01354	1-1/8	2-23/32	0.318	4	12.94	TA01351	38.83
3/8-16 NC	TA01062	TA01063	TA01064	1-1/4	2-15/16	0.381	4	14.65	TA01061	43.95
3/8-24 NF	TA01362	TA01363	TA01364	1-1/4	2-15/16	0.381	4	14.65	TA01361	43.95
7/16-14 NC	TA01072	TA01073	TA01074	1-7/16	3-5/32	0.323	4	25.24	TA01071	75.77
7/16-20 NF	TA01372	TA01373	TA01374	1-7/16	3-5/32	0.323	4	25.24	TA01371	75.77

**WARWICK HAND TAPS - HSS GROUND THREAD - FRACTIONAL**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILETS RECTIFIES - FRACTIONNEL**

**TA01**



TAPS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ CH
1/2-13 NC	TA01082	TA01083	TA01084	1-21/32	3-3/8	0.367	4	26.06	TA01081	78.17
1/2-20 NF	TA01382	TA01383	TA01384	1-21/32	3-3/8	0.367	4	26.06	TA01381	78.17
9/16-12 NC	TA01092	TA01093	TA01094	1-21/32	3-19/32	0.429	4	43.62	TA01091	130.91
9/16-18 NF	TA01392	TA01393	TA01394	1-21/32	3-19/32	0.429	4	43.62	TA01391	130.91
5/8-11 NC	TA01102	TA01103	TA01104	1-13/16	3-13/16	0.480	4	52.94	TA01101	158.82
5/8-18 NF	TA01402	TA01403	TA01404	1-13/16	3-13/16	0.480	4	52.94	TA01401	158.82
3/4-10 NC	TA01122	TA01123	TA01124	2"	4-1/4	0.590	4	73.33	TA01121	219.90
3/4-16 NF	TA01422	TA01423	TA01424	2"	4-1/4	0.590	4	73.33	TA01421	219.90
7/8-9 NC	TA01142	TA01143	TA01144	2-7/32	4-11/16	0.697	4	101.82	TA01141	305.42
7/8-14 NF	TA01442	TA01443	TA01444	2-7/32	4-11/16	0.697	4	101.82	TA01441	305.42
1"-8 NC	TA01162	TA01163	TA01164	2-1/2	5-1/8	0.800	4	136.00	TA01161	407.99
1"-12 NF	TA01462	TA01463	TA01464	2-1/2	5-1/8	0.800	4	136.00	TA01461	407.99
1"-14 NS	TA01762	TA01763	TA01764	2-1/2	5-1/8	0.800	4	136.00	TA01761	407.99
1-1/8 7 NC	TA01182	TA01183	TA01184	2-9/16	5-7/16	0.896	4	176.72	TA01181	530.15
1-1/8 12 NF	TA01482	TA01483	TA01484	2-9/16	5-7/16	0.896	4	176.72	TA01481	530.15
1-1/4 7 NC	TA01202	TA01203	TA01204	2-9/16	5-3/4	1.021	4	234.53	TA01201	703.59
1-1/4 12 NF	TA01502	TA01503	TA01504	2-9/16	5-3/4	1.021	4	234.53	TA01501	703.59
1-3/8 6 NC	TA01222	TA01223	TA01224	3"	6-1/16	1.080	4	294.81	TA01221	884.38
1-3/8 12 NF	TA01522	TA01523	TA01524	3"	6-1/16	1.080	4	294.81	TA01521	884.38
1-1/2 6 NC	TA01242	TA01243	TA01244	3"	6-3/8	1.233	4	340.40	TA01241	1021.20
1-1/2 12 NF	TA01542	TA01543	TA01544	3"	6-3/8	1.233	4	340.40	TA01541	1021.20
1-3/4 5 NC	TA01262	TA01263	TA01264	3-3/16	7"	1.430	6	501.68	TA01261	1505.00
2"-4.5 NC	TA01282	TA01283	TA01284	3-9/16	7-5/8	1.644	6	556.95	TA01281	1670.87

**WARWICK HAND TAPS - HSS - GROUND THREAD - METRIC**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILET RECTIFIES - METRIQUE**

**TA35**



TARAUDS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ CH
M1.6 X 0.35	TA35010	TA35011	TA35012	8.0	41.0	2.5	3	57.70	TA35009	173.10
M2.0 X 0.40	TA35022	TA35023	TA35024	8.0	41.0	2.5	3	22.97	TA35021	68.96
M2.2 X 0.45	TA35018	TA35019	TA35020	9.5	44.5	2.8	3	23.79	TA35017	71.39
M2.5 X 0.45	TA35026	TA35027	TA35028	9.5	44.5	2.8	3	16.60	TA35025	49.81



**WARWICK HAND TAPS - HSS - GROUND THREAD - METRIC**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILET RECTIFIES - METRIQUE**

**TA35**



TAPS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ CH
M3.0 X 0.50	TA35032	TA35033	TA35034	15.0	48.0	3.2	3	13.50	TA35031	40.58
M3.5 X 0.60	TA35036	TA35037	TA35038	17.0	50.0	3.6	3	10.61	TA35035	31.80
M4.0 X 0.70	TA35042	TA35043	TA35044	17.0	53.0	4.0	3	10.61	TA35041	31.80
M4.5 X 0.75	TA35046	TA35047	TA35048	17.0	53.0	4.5	3	10.61	TA35045	31.80
M5.0 X 0.80	TA35052	TA35053	TA35054	16.0	58.0	5.0	3	11.73	TA35051	35.20
M6.0 X 1.00	TA35062	TA35063	TA35064	19.0	66.0	6.3	3	12.21	TA35061	36.68
M7.0 X 1.00	TA35072	TA35073	TA35074	19.0	66.0	7.1	4	13.03	TA35071	39.09
M8.0 X 1.25	TA35082	TA35083	TA35084	22.0	72.0	8.0	4	13.03	TA35081	39.09
M9.0 X 1.25	TA35092	TA35093	TA35094	22.0	72.0	9.0	4	16.29	TA35091	48.86
M10.0 X 1.50	TA35102	TA35103	TA35104	24.0	80.0	10.0	4	24.43	TA35101	73.33
M11.0 X 1.50	TA35112	TA35113	TA35114	25.0	85.0	8.0	4	24.43	TA35111	73.33
M12.0 X 1.75	TA35122	TA35123	TA35124	19.0	89.0	9.0	4	27.68	TA35121	83.06
M14.0 X 2.00	TA35142	TA35143	TA35144	30.0	95.0	11.2	4	42.33	TA35141	127.01
M16.0 X 2.00	TA35162	TA35163	TA35164	32.0	102.0	12.5	4	52.11	TA35161	156.37
M18.0 X 2.50	TA35185	TA35186	TA35187	37.0	112.0	14.0	4	71.67	TA35184	215.02
M20.0 X 2.60	TA35202	TA35203	TA35204	37.0	112.0	14.0	4	98.53	TA35201	295.61
M22.0 X 2.50	TA35222	TA35223	TA35224	38.0	118.0	16.0	4	114.85	TA35221	344.53
M24.0 X 3.00	TA35242	TA35243	TA35244	45.0	130.0	18.0	4	131.92	TA35241	395.76
M27.0 X 3.00	TA35272	TA35273	TA35274	45.0	135.0	20.0	4	177.63	TA35271	532.69
M30.0 X 3.60	TA35302	TA35303	TA35304	48.0	138.0	20.0	4	191.19	TA35301	573.57
M33.0 X 3.50	TA35332	TA35333	TA35334	51.0	151.0	22.4	4	257.88	TA35331	773.59
M36.0 X 4.00	TA35362	TA35363	TA35364	57.0	162.0	25.0	4	287.00	TA35361	860.96
M39.0 X 4.00	TA35392	TA35393	TA35394	60.0	170.0	28.0	4	347.08	TA35391	1041.23
M42.0 X 4.50	TA35422	TA35423	TA35424	60.0	170.0	28.0	6	403.31	TA35421	1209.93
M45.0 X 4.50	TA35452	TA35453	TA35454	67.0	187.0	31.5	6	542.92	TA35451	1628.77
M48.0 X 5.00	TA35482	TA35483	TA35484	67.0	187.0	31.5	6	604.45	TA35481	1813.34
M52.0 X 5.00	TA35522	TA35523	TA35524	70.0	200.0	31.5	6	760.08	TA35521	2280.23
M56.0 X 5.50	TA35562	TA35563	TA35564	70.0	200.0	31.5	6	1031.54	TA35561	3094.65

**WARWICK HAND TAPS - HSS - GROUND THREAD - METRIC FINE**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILET RECTIFIES - METRIQUE FIN**

**TA36**



TARAUDS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ CH
MF3.0 X 0.35	TA36032	TA36033	TA36034	15.0	48.0	3.2	3	27.91	TA36031	83.74
MF3.5 X 0.35	TA36036	TA36037	TA36038	17.0	50.0	3.6	3	29.10	TA36035	87.29
MF4.0 X 0.50	TA36042	TA36043	TA36044	17.0	53.0	4.0	3	27.91	TA36041	83.77
MF4.5 X 0.50	TA36046	TA36047	TA36048	17.0	53.0	4.5	3	31.03	TA36045	93.07
MF5.0 X 0.50	TA36052	TA36053	TA36054	16.0	58.0	5.0	3	27.91	TA36051	83.77
MF6.0 X 0.50	TA36062	TA36063	TA36064	19.0	66.0	6.3	3	68.17	TA36061	204.53
MF6.0 X 0.75	TA36066	TA36067	TA36068	19.0	66.0	6.3	3	27.91	TA36065	83.77
MF7.0 X 0.75	TA36072	TA36073	TA36074	19.0	66.0	7.1	4	31.03	TA36071	93.07

**WARWICK HAND TAPS - HSS - GROUND THREAD - METRIC FINE  
TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILET RECTIFIES - METRIQUE FIN**

**TA36**



TAPS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEU	\$ EA \$ CH
MF8.0 X 0.50	TA36082	TA36083	TA36084	19.0	69.0	8.0	4	74.07	TA36081	222.20
MF8.0 X 0.75	TA36086	TA36087	TA36088	22.0	72.0	8.0	4	34.11	TA36085	102.38
MF8.0 X 1.00	TA36089	TA36090	TA36091	22.0	72.0	8.1	4	29.10	TA36080	87.31
MF9.0 X 1.00	TA36092	TA36093	TA36094	22.0	72.0	9.0	4	68.27	TA36095	204.76
MF10.0 X 0.75	TA36102	TA36103	TA36104	24.0	80.0	10.0	4	68.27	TA36101	204.76
MF10.0 X 1.00	TA36105	TA36106	TA36107	24.0	80.0	10.0	4	42.28	TA36096	126.84
MF10.0 X 1.25	TA36108	TA36109	TA36110	24.0	80.0	10.0	4	40.72	TA36097	122.15
MF11.0 X 0.75	TA36112	TA36113	TA36114	22.0	82.0	8.0	4	84.21	TA36111	252.62
MF11.0 X 1.00	TA36116	TA36117	TA36118	22.0	82.0	8.0	4	84.21	TA36115	252.62
MF12.0 X 1.00	TA36122	TA36123	TA36124	29.0	89.0	9.0	4	81.54	TA36121	244.63
MF12.0 X 1.25	TA36126	TA36127	TA36128	29.0	89.0	9.0	4	53.62	TA36125	160.88
MF12.0 X 1.50	TA36130	TA36131	TA36132	29.0	89.0	9.0	4	53.62	TA36129	160.88
MF14.0 X 1.00	TA36142	TA36143	TA36144	30.0	95.0	11.2	4	90.42	TA36141	271.24
MF14.0 X 1.25	TA36146	TA36147	TA36148	30.0	95.0	11.2	4	60.89	TA36145	182.67
MF14.0 X 1.50	TA36150	TA36151	TA36152	30.0	95.0	11.2	4	58.94	TA36149	176.83
MF16.0 X 1.00	TA36162	TA36163	TA36164	32.0	102.0	12.5	4	98.13	TA36161	294.36
MF16.0 X 1.50	TA36166	TA36167	TA36168	32.0	102.0	12.5	4	66.32	TA36165	198.70
MF18.0 X 1.00	TA36185	TA36186	TA36187	37.0	112.0	14.0	4	126.03	TA36184	378.13
MF18.0 X 1.50	TA36189	TA36190	TA36191	37.0	112.0	14.0	4	91.92	TA36188	275.75
MF18.0 X 2.00	TA36193	TA36194	TA36195	37.0	112.0	14.0	4	126.03	TA36192	378.13
MF20.0 X 1.00	TA36202	TA36203	TA36204	37.0	112.0	14.0	4	144.27	TA36201	432.81
MF20.0 X 1.50	TA36206	TA36207	TA36208	37.0	112.0	14.0	4	111.67	TA36205	335.04
MF20.0 X 2.00	TA36210	TA36211	TA36212	37.0	112.0	14.0	4	144.27	TA36209	432.81
MF22.0 X 1.50	TA36222	TA36223	TA36224	38.0	118.0	16.0	4	126.03	TA36221	378.13
MF22.0 X 2.00	TA36226	TA36227	TA36228	38.0	118.0	16.0	4	139.61	TA36225	418.80
MF24.0 X 1.50	TA36242	TA36243	TA36244	45.0	130.0	18.0	4	182.67	TA36241	548.06
MF24.0 X 2.00	TA36246	TA36247	TA36248	45.0	130.0	18.0	4	157.87	TA36245	473.60
MF25.0 X 1.50	TA36252	TA36253	TA36254	35.0	120.0	18.0	4	151.68	TA36251	455.02
MF27.0 X 2.00	TA36272	TA36273	TA36274	37.0	127.0	20.0	4	232.69	TA36271	698.06
MF30.0 X 1.50	TA36302	TA36303	TA36304	37.0	127.0	20.0	4	300.56	TA36301	901.71
MF30.0 X 2.00	TA36306	TA36307	TA36308	37.0	127.0	20.0	4	257.91	TA36305	773.75
MF32.0 X 1.50	TA36322	TA36323	TA36324	37.0	127.0	22.4	4	300.56	TA36321	901.71
MF40.0 X 1.50	TA36402	TA36403	TA36404	39.0	149.0	28.0	4	476.98	TA36401	1430.98

TARAUDS



**WARWICK HAND TAPS - HSS GROUND THREAD - BSW**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILETS RECTIFIES - BSW**

**TA37**



TAPS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ CH
1/16-60 BSW	TA37022	TA37023	TA37024	8.0	41.0	2.5	3	129.93	TA37021	405.41
3/32-48 BSW	TA37032	TA37033	TA37034	9.5	44.5	2.8	3	77.76	TA37031	242.70
1/8-40 BSW	TA37042	TA37043	TA37044	15.0	48.0	3.2	3	37.22	TA37041	116.15
5/32-32 BSW	TA37052	TA37053	TA37054	17.0	53.0	4.0	3	46.35	TA37051	144.62
3/16-24 BSW	TA37062	TA37063	TA37064	16.0	58.0	5.0	3	22.31	TA37061	69.62
7/32-24 BSW	TA37072	TA37073	TA37074	17.0	62.0	5.6	3	30.33	TA37071	94.62
1/4-20 BSW	TA37082	TA37083	TA37084	19.0	66.0	6.3	4	18.99	TA37081	59.25
5/16-18 BSW	TA37102	TA37103	TA37104	22.0	72.0	8.0	4	21.14	TA37101	65.97
3/8-16 BSW	TA37122	TA37123	TA37124	24.0	80.0	10.0	4	27.02	TA37121	84.24
7/16-14 BSW	TA37142	TA37143	TA37144	25.0	85.0	8.0	4	38.34	TA37141	119.61
1/2-12 BSW	TA37162	TA37163	TA37164	29.0	89.0	9.0	4	38.34	TA37161	119.61
9/16-12 BSW	TA37182	TA37183	TA37184	30.0	95.0	11.2	4	48.58	TA37181	151.55
5/8-11 BSW	TA37202	TA37203	TA37204	32.0	102.0	12.5	4	56.94	TA37201	177.68
3/4-10 BSW	TA37242	TA37243	TA37244	37.0	112.0	14.0	4	85.37	TA37241	266.35
7/8-9 BSW	TA37282	TA37283	TA37284	38.0	118.0	16.0	4	115.70	TA37281	360.97
1"-8 BSW	TA37322	TA37323	TA37324	45.0	130.0	18.0	4	140.85	TA37321	439.44
1-1/8 7 BSW	TA37362	TA37363	TA37364	48.0	138.0	20.0	4	233.54	TA37361	728.67
1-1/4 7 BSW	TA37402	TA37403	TA37404	51.0	151.0	22.4	4	315.71	TA37401	985.03
1-1/2 6 BSW	TA37432	TA37433	TA37434	60.0	170.0	28.0	4	423.35	TA37431	1320.82
1-3/4 5 BSW	TA37462	TA37463	TA37464	67.0	187.0	31.5	6	664.23	TA37461	2072.39
2"-4.5 BSW	TA37482	TA37483	TA37484	70.0	200.0	35.5	6	759.10	TA37481	2368.34

**WARWICK HAND TAPS - HSS GROUND THREAD - BSF**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILETS RECTIFIES - BSF**

**TA37**



TARAUDS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ CH
3/16-32 BSF	TA37562	TA37563	TA37564	16.0	58.0	5.0	3	23.06	TA37561	71.91
1/4-26 BSF	TA37582	TA37583	TA37584	19.0	66.0	6.3	4	19.72	TA37581	61.54
5/16-22 BSF	TA37602	TA37603	TA37604	22.0	72.0	8.0	4	21.88	TA37601	68.28
3/8-20 BSF	TA37622	TA37623	TA37624	24.0	80.0	10.0	4	28.10	TA37621	87.72
7/16-18 BSF	TA37642	TA37643	TA37644	25.0	85.0	8.0	4	39.84	TA37641	124.27
1/2-16 BSF	TA37662	TA37663	TA37664	29.0	89.0	9.0	4	39.84	TA37661	124.27
9/16-16 BSF	TA37682	TA37683	TA37684	30.0	95.0	11.2	4	48.93	TA37681	152.70
5/8-14 BSF	TA37702	TA37703	TA37704	32.0	102.0	12.5	4	59.09	TA37701	184.42
3/4-12 BSF	TA37742	TA37743	TA37744	37.0	112.0	14.0	4	88.89	TA37741	276.72
7/8-11 BSF	TA37782	TA37783	TA37784	38.0	118.0	16.0	4	119.70	TA37781	373.46
1"-10 BSF	TA37822	TA37823	TA37824	45.0	130.0	18.0	4	146.39	TA37821	456.73
1-1/8 9 BSF	TA37862	TA37863	TA37864	48.0	138.0	20.0	4	242.74	TA37861	757.34
1-1/4 9 BSF	TA37902	TA37903	TA37904	51.0	151.0	22.4	4	328.48	TA37901	1024.82
1-1/2 8 BSF	TA37932	TA37933	TA37934	60.0	170.0	28.0	4	441.58	TA37931	1377.72
1-3/4 7 BSF	TA37962	TA37963	TA37964	67.0	187.0	31.5	6	689.75	TA37961	2151.99
2"-7 BSF	TA37982	TA37983	TA37984	70.0	200.0	35.5	6	770.05	TA37981	2402.58

WARWICK HAND TAPS - HSS GROUND THREAD - LEFT HAND  
 TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILETS RECTIFIES - COUPE A GAUCHE

TA02



TAPS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JELX	\$ EA \$ CH
6-32 NC	TA02012	TA02013	TA02014	11/16	2"	0.141	3	20.70	TA02011	62.10
8-32 NC	TA02022	TA02023	TA02024	3/4	2-1/8	0.168	4	20.70	TA02021	62.10
10-24 NC	TA02032	TA02033	TA02034	7/8	2-3/8	0.194	4	20.70	TA02031	62.10
10-32 NF	TA02302	TA02303	TA02304	7/8	2-3/8	0.194	4	20.70	TA02301	62.10
1/4-20 NC	TA02042	TA02043	TA02044	1"	2-1/2	0.255	4	23.28	TA02041	69.84
1/4-28 NF	TA02342	TA02343	TA02344	1"	2-1/2	0.255	4	23.28	TA02341	69.84
5/16-18 NC	TA02052	TA02053	TA02054	1-1/8	2-23/32	0.318	4	26.61	TA02051	79.83
5/16-24 NF	TA02352	TA02353	TA02354	1-1/8	2-23/32	0.318	4	26.61	TA02351	79.83
3/8-16 NC	TA02062	TA02063	TA02064	1-1/4	2-15/16	0.381	4	34.36	TA02061	103.08
3/8-24 NF	TA02362	TA02363	TA02364	1-1/4	2-15/16	0.381	4	35.09	TA02361	105.27
7/16-14 NC	TA02072	TA02073	TA02074	1-7/16	3-5/32	0.323	4	49.51	TA02071	148.53
7/16-20 NF	TA02372	TA02373	TA02374	1-7/16	3-5/32	0.323	4	49.51	TA02371	148.53
1/2-13 NC	TA02082	TA02083	TA02084	1-21/32	3-3/8	0.367	4	58.38	TA02081	175.14
1/2-20 NF	TA02382	TA02383	TA02384	1-21/32	3-3/8	0.367	4	58.38	TA02381	175.14
9/16-12 NC	TA02092	TA02093	TA02094	1-21/32	3-19/32	0.429	4	78.70	TA02091	236.10
9/16-18 NF	TA02392	TA02393	TA02394	1-21/32	3-19/32	0.429	4	74.27	TA02391	222.81
5/8-11 NC	TA02102	TA02103	TA02104	1-13/16	3-13/16	0.480	4	76.10	TA02101	228.30
5/8-18 NF	TA02402	TA02403	TA02404	1-13/16	3-13/16	0.480	4	76.10	TA02401	228.30
3/4-10 NC	TA02122	TA02123	TA02124	2"	4-1/4	0.590	4	134.11	TA02121	402.33
3/4-16 NF	TA02422	TA02423	TA02424	2"	4-1/4	0.590	4	134.11	TA02421	402.33
7/8-9 NC	TA02142	TA02143	TA02144	2-7/32	4-11/16	0.697	4	151.85	TA02141	455.55
7/8-14 NF	TA02442	TA02443	TA02444	2-7/32	4-11/16	0.697	4	151.85	TA02441	455.55
1"-8 NC	TA02162	TA02163	TA02164	2-1/2	5-1/8	0.800	4	200.61	TA02161	601.83
1"-12 NF	TA02462	TA02463	TA02464	2-1/2	5-1/8	0.800	4	200.61	TA02461	601.83
1"-14 NS	TA02472	TA02473	TA02474	2-1/2	5-1/8	0.800	4	200.61	TA02471	601.83

TARAUDS



**WARWICK HAND TAPS - HSS GROUND THREAD - BA**  
**TARAUDS A MAIN WARWICK - ACIER RAPIDE - FILETS RECTIFIES - BA**

**TA38**



TAPS

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ EA
#0 X 1.00 BA	TA38002	TA38003	TA38004	19.0	66.0	2.5	3	17.63	TA38001	55.03
#1 X 0.90 BA	TA38012	TA38013	TA38014	17.0	62.0	2.5	3	27.42	TA38011	85.58
#2 X 0.81 BA	TA38022	TA38023	TA38024	16.0	58.0	2.5	3	16.89	TA38021	52.68
#3 X 0.73 BA	TA38032	TA38033	TA38034	17.0	53.0	2.8	3	27.42	TA38031	85.58
#4 X 0.66 BA	TA38042	TA38043	TA38044	17.0	50.0	2.8	3	16.89	TA38041	52.68
#5 X 0.59 BA	TA38052	TA38053	TA38054	15.0	48.0	2.8	3	27.02	TA38051	84.24
#6 X 0.53 BA	TA38062	TA38063	TA38064	9.5	44.5	3.2	3	18.99	TA38061	59.25
#7 X 0.48 BA	TA38072	TA38073	TA38074	9.5	44.5	3.6	3	39.84	TA38071	124.27
#8 X 0.43 BA	TA38082	TA38083	TA38084	9.5	44.5	4.5	3	26.70	TA38081	83.29
#9 X 0.39 BA	TA38092	TA38093	TA38094	8.0	41.0	5.0	3	75.94	TA38091	236.90
#10 X 0.35 BA	TA38102	TA38103	TA38104	8.0	41.0	5.6	3	57.32	TA38101	178.86
#12 X 0.28 BA	TA38122	TA38123	TA38124	7.0	40.0	6.3	3	100.72	TA38121	314.21

**TAP & DRILL SETS**  
**JEUX DE FORETS ET TARAUDS**

**DR06**



**SETS**

CODE	NO	THREAD	FROM	TO	MTL	PCS	\$ CH
DR06990	#99	NC	#6-32	1/2-13	HSS	18	214.05
DR06918	#18	NF	#6-40	1/2-20	HSS	18	214.05
DR06995	#95	MM	M2.50	M12.0	HSS	18	214.05

**HSS TAP & DIE SET (SCREWPLATE)**  
**JEUX TARAUDS ET FILIERES**

**TA18**



TARAUDS

CODE	NO	THREAD FILETEE	SET INCLUDES TAPER & BOTTOMING TAP & DIE FOR EACH SIZE, WRENCH(ES) & DIESTOCK(S); TARAUDS FINISSEUR & TARAUDS EBAUCHER & FILIERES, PORTE ET T-A-G	\$ EA \$ CH
TA18018	18TD	NC	#4-40, #6-32, #8-3, #10-24, 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13	1625.26
TA18019	19TD	NC	1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13	785.08
TA18022	22TD	NC	1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 5/8-11, 3/4-10	1459.98
TA18029	29TD	NC	1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 9/16-12, 5/8-11, 3/4-10	1625.26
TA18030	30TD	NC	1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 5/8-11, 3/4-10, 7/8-9, 1"-8	2437.89
TA18031	31TD	NC	1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 9/16-12, 5/8-11, 3/4-10, 7/8-9, 1"-8	2658.26
TA18024	24TD	NF	1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20	785.08
TA18025	25TD	NF	1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 5/8-18, 3/4-16	1459.98
TA18026	26TD	NF	1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 9/16-18, 5/8-18, 3/4-16	1625.26
TA18027	27TD	NF	1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 5/8-18, 3/4-16, 7/8-14, 1"-12	2437.89
TA18028	28TD	NF	1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 9/16-18, 5/8-18, 3/4-16, 7/8-14, 1"-12	2658.26

## HSS TAP & DIE SET (SCREWPLATE) JEUX TARAUDS ET FILIERES

TA18



TAPS

CODE	NO	THREAD FILETEE	SET INCLUDES TAPER & BOTTOMING TAP & DIE FOR EACH SIZE, WRENCH(ES) & DIESTOCK(S) TARAUDS FINISSEUR & TARAUDS EBAUCHER & FILIERS, PORTE ET T-A-G	\$ EA \$ CH
TA18004	4TD	BSW	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2	1349.79
TA18005	5TD	BSW	3/16, 1/4, 5/16, 3/8, 7/16, 1/2	1212.06
TA18006	6TD	BSW	1/4, 5/16, 3/8, 7/16, 1/2	936.59
TA18008	8TD	BSW	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	1749.22
TA18009	9TD	BSW	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2024.69
TA18010	10TD	BSW	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8, 1"	2933.73
TA18011	11TD	BSW	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1"	3222.97
TA18012	12TD	BSF	3/16, 1/4, 5/16, 3/8, 7/16, 1/2	1212.06
TA18013	13TD	BSF	1/4, 5/16, 3/8, 7/16, 1/2	936.59
TA18014	14TD	BSF	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	1749.22
TA18015	15TD	BSF	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2024.69
TA18016	16TD	BSF	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8, 1"	2933.73
TA18017	17TD	BSF	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1"	3222.97
TA18000	0TD	BA	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	1639.03
TA18001	1TD	BA	0, 2, 4, 6, 8, 10	1170.74
TA18002	2TD	BA	0, 1, 2, 3, 4, 5, 6, 7, 8	1501.30
TA18003	3TD	BA	0, 1, 2, 3, 4, 5, 6	1156.96
TA18036	36TD	MM	2.0, 3.0, 4.0, 5.0, 6.0	564.71
TA18037	37TD	MM	2.0, 2.5, 3.0, 3.5, 4.0, 5.0, 6.0	964.14
TA18038	38TD	MM	2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0	1377.34
TA18040	40TD	MM	3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0	922.82
TA18042	42TD	MM	5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0	1129.42
TA18039	39TD	MM	6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0	1019.23
TA18041	41TD	MM	6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 14.0, 16.0, 18.0, 20.0	2134.87
TA18043	43TD	MM	6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0	3085.24
TA18044	44TD	MM	14.0, 16.0, 18.0, 20.0, 22.0, 24.0	2479.21
			<b>Metric Coarse Sizes</b>	
			2.0 X 0.40                      5.0 X 0.80                      10.0 X 1.50                      18.0 X 2.50	
			2.5 X 0.45                      6.0 X 1.00                      11.0 X 1.50                      20.0 X 2.50	
			3.0 X 0.50                      7.0 X 1.00                      12.0 X 1.75                      22.0 X 2.50	
			3.5 X 0.60                      8.0 X 1.25                      14.0 X 2.00                      24.0 X 3.00	
			4.0 X 0.70                      9.0 X 1.25                      16.0 X 2.00	
TA18045	45TD	MM-FINE	3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0	1501.30
TA18046	46TD	MM-FINE	5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0	1707.90
TA18047	47TD	MM-FINE	6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0	1625.26
TA18048	48TD	MM-FINE	6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 14.0, 16.0, 18.0, 20.0	3030.14
TA18049	49TD	MM-FINE	6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0	4324.84
			<b>Metric Fine Sizes</b>	
			3.0 X 0.35                      7.0 X 0.75                      11.0 X 1.25                      18.0 X 1.50	
			4.0 X 0.50                      8.0 X 1.00                      12.0 X 1.25                      20.0 X 1.50	
			5.0 X 0.50                      9.0 X 1.00                      14.0 X 1.50                      22.0 X 1.50	
			6.0 X 0.75                      10.0 X 1.25                      16.0 X 1.50                      24.0 X 2.00	
			6.0 X 0.75                      10.0 X 1.25                      16.0 X 1.50                      24.0 X 2.00	

TARAUDS



**WARWICK EXTENSION HAND TAPS - PLUG - FRACTIONAL**  
**TARAUDS EXTENSION WARWICK - INTERMEDIAIRE - FRACTIONNEL**

**TA06**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
TA06006	6-32 NC	11/16	6"	0.141	3	69.47
TA06008	8-32 NC	3/4	6"	0.168	4	69.47
TA06010	10-24 NC	7/8	6"	0.194	4	67.32
TA06110	10-32 NF	7/8	6"	0.194	4	67.32
TA06016	1/4-20 NC	1"	6"	0.255	4	58.74
TA06416	1/4-20 NC	1"	6"	0.165	4	93.48
TA06116	1/4-28 NF	1"	6"	0.255	4	58.74
TA06020	5/16-18 NC	1-1/8	6"	0.318	4	62.60
TA06420	5/16-18 NC	1-1/8	6"	0.420	4	96.06
TA06120	5/16-24 NF	1-1/8	6"	0.318	4	65.39
TA06024	3/8-16 NC	1-1/4	6"	0.381	4	67.54
TA06424	3/8-16 NC	1-1/4	6"	0.275	4	105.27
TA06124	3/8-24 NF	1-1/4	6"	0.381	4	70.76
TA06028	7/16-14 NC	1-7/16	6"	0.323	4	147.07
TA06128	7/16-20 NF	1-7/16	6"	0.323	4	147.07
TA06032	1/2-13 NC	1-21/32	6"	0.367	4	90.25
<b>TA07 - Pulley Taps - Tarauds Pour Poulies</b>						
TA07128	7/16-20 NF	1-7/16	6"	0.444	4	147.07
TA07132	1/2-20 NF	1-21/32	6"	0.507	4	112.55

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
TA06132	1/2-20 NF	1-21/32	6"	0.367	4	90.25
TA06036	9/16-12 NC	1-21/32	6"	0.429	4	206.90
TA06136	9/16-18 NF	1-21/32	6"	0.429	4	206.90
TA06040	5/8-11 NC	1-13/16	6"	0.480	4	220.63
TA06140	5/8-18 NF	1-13/16	6"	0.480	4	220.63
TA06048	3/4-10 NC	2"	6"	0.590	4	258.35
TA06216	1/4-20 NC	1"	8"	0.255	4	72.04
TA06220	5/16-18 NC	1-1/8	8"	0.318	4	71.82
TA06224	3/8-16 NC	1-1/4	8"	0.381	4	88.35
TA06240	5/8-11 NC	1-13/16	8"	0.480	4	262.63
TA06248	3/4-10 NC	2"	8"	0.590	4	292.44
TA06256	7/8-9 NC	2-7/32	8"	0.697	4	301.22
TA06264	1"-8 NC	2-1/2	8"	0.800	4	366.63
TA06324	3/8-16 NC	1-1/4	10"	0.381	4	194.03
TA06348	3/4-10 NC	2"	10"	0.590	4	342.62
TA06364	1"-8 NC	2-1/2	10"	0.800	4	442.51

**BLUE WIZARD SPIRAL POINT MACHINE TAPS - FRACTIONAL**  
**TARAUDS A MACHINE BLUE WIZARD - ENTREE EN HELICE FRACTIONNEL**

**CT72**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT72100	0-80 NF	3/8	1-5/8	0.141	2	40.89
CT72001	1-64 NC	7/16	1-11/16	0.141	2	40.89
CT72101	1-72 NF	7/16	1-11/16	0.141	2	40.89
CT72002	2-56 NC	1/2	1-3/4	0.141	2	24.06
CT72102	2-64 NF	1/2	1-3/4	0.141	2	24.06
CT72003	3-48 NC	9/16	1-13/16	0.141	2	24.06
CT72103	3-56 NF	9/16	1-13/16	0.141	2	24.06
CT72004	4-40 NC	5/8	1-7/8	0.141	2	21.70
CT72104	4-48 NF	5/8	1-7/8	0.141	2	21.70
CT72005	5-40 NC	11/16	1-15/16	0.141	2	21.70
CT72105	5-44 NF	11/16	1-15/16	0.141	2	21.70
CT72006	6-32 NC	11/16	2"	0.141	2	14.31
CT72106	6-40 NF	11/16	2"	0.141	2	14.31
CT72008	8-32 NC	3/4	2-1/8	0.168	2	14.31
CT72108	8-36 NF	3/4	2-1/8	0.168	2	14.31

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT72010	10-24 NC	11/16	2-3/8	0.194	2	14.31
CT72110	10-32 NF	11/16	2-3/8	0.194	2	14.31
CT72012	12-24 NC	11/16	2-3/8	0.220	2	18.95
CT72120	12-28 NF	11/16	2-3/8	0.220	2	18.95
CT72404	1/4-20 NC	13/16	2-1/2	0.255	2	15.37
CT72504	1/4-28 NF	13/16	2-1/2	0.255	2	15.37
CT72405	5/16-18 NC	7/8	2-23/32	0.318	3	16.60
CT72505	5/16-24 NF	7/8	2-23/32	0.318	3	16.60
CT72406	3/8-16 NC	1"	2-15/16	0.381	3	22.41
CT72506	3/8-24 NF	1"	2-15/16	0.381	3	22.41
CT72407	7/16-14 NC	1-1/16	3-5/32	0.323	3	30.10
CT72507	7/16-20 NF	1-1/16	3-5/32	0.323	3	30.10
CT72408	1/2-13 NC	1-3/16	3-3/8	0.367	3	32.98
CT72508	1/2-20 NF	1-3/16	3-3/8	0.367	3	32.98

**BLUE WIZARD SPIRAL POINT MACHINE TAPS - FRACTIONAL**  
**TARAUDS A MACHINE BLUE WIZARD - ENTREE EN HELICE FRACTIONNEL**

**CT72**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT72409	9/16-12 NC	1-3/16	3-19/32	0.429	3	57.55
CT72509	9/16-18 NF	1-3/16	3-19/32	0.429	3	57.55
CT72410	5/8-11 NC	1-3/8	3-13/16	0.480	3	57.55
CT72510	5/8-18 NF	1-3/8	3-13/16	0.480	3	57.55
CT72412	3/4-10 NC	1-7/16	4-1/4	0.590	3	83.38
CT72512	3/4-16 NF	1-7/16	4-1/4	0.590	3	83.38
CT72414	7/8-9 NC	1-5/8	4-11/16	0.697	3	110.41
CT72514	7/8-14 NF	1-5/8	4-11/16	0.697	3	110.41
CT72416	1"-8 NC	1-3/4	5-1/8	0.800	4	141.29
CT72516	1"-12 NF	1-3/4	5-1/8	0.800	4	141.29
CT72616	1"-14 NS	1-3/4	5-1/8	0.800	4	141.29

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT72418	1-1/8 7 NC	2-9/16	5-7/16	0.896	4	415.28
CT72518	1-1/8 12 NF	2-9/16	5-7/16	0.896	4	415.28
CT72420	1-1/4 7 NC	2-9/16	5-3/4	1.021	4	519.37
CT72520	1-1/4 12 NF	2-9/16	5-3/4	1.021	4	519.37
CT72422	1-3/8 6 NC	3"	6-1/16	1.108	4	597.69
CT72522	1-3/8 12 NF	3"	6-1/16	1.108	4	597.69
CT72424	1-1/2 6 NC	3"	6-3/8	1.233	4	710.19
CT72524	1-1/2 12 NF	3"	6-3/8	1.233	4	710.19
CT72432	2" 4.5 NC	3-9/16	7-5/8	1.644	6	1069.48

**BLUE WIZARD SPIRAL POINT MACHINE TAPS +.005" OVERSIZE**  
**TARAUDS A MACHINE BLUE WIZARD +.005" - ENTREE EN HELICE**

**CT72+5**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT72206	6-32 NC	11/16	2"	0.141	2	15.73
CT72208	8-32 NC	3/4	2-1/8	0.168	2	15.73
CT72210	10-24 NC	11/16	2-3/8	0.194	2	15.73
CT72310	10-32 NF	11/16	2-3/8	0.194	2	15.73
CT72704	1/4-20 NC	13/16	2-1/2	0.255	2	16.92
CT72804	1/4-28 NF	13/16	2-1/2	0.255	2	16.92
CT72705	5/16-18 NC	7/8	2-23/32	0.318	3	18.27
CT72805	5/16-24 NF	7/8	2-23/32	0.318	3	18.27
CT72709	3/8-16 NC	1"	2-15/16	0.381	3	24.62
CT72808	3/8-24 NF	1"	2-15/16	0.381	3	24.62
CT72707	7/16-14 NC	1-1/16	3-5/32	0.323	3	33.12
CT72807	7/16-20 NF	1-1/16	3-5/32	0.323	3	33.12

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT72708	1/2-13 NC	1-3/16	3-3/8	0.367	3	36.29
CT72808	1/2-20 NF	1-3/16	3-3/8	0.367	3	36.29
CT72709	9/16-12 NC	1-3/16	3-19/32	0.429	3	68.10
CT72809	9/16-18 NF	1-3/16	3-19/32	0.429	3	68.10
CT72710	5/8-11 NC	1-3/8	3-13/16	0.480	3	68.10
CT72810	5/8-18 NF	1-3/8	3-13/16	0.480	3	68.10
CT72712	3/4-10 NC	1-7/16	4-1/4	0.590	3	98.76
CT72812	3/4-16 NF	1-7/16	4-1/4	0.590	3	98.76
CT72714	7/8-9 NC	1-5/8	4-11/16	0.697	3	130.73
CT72814	7/8-14 NF	1-5/8	4-11/16	0.697	3	130.73
CT72716	1"-8 NC	1-3/4	5-1/8	0.800	4	167.30
CT72816	1"-12 NF	1-3/4	5-1/8	0.800	4	167.30



**BLUE WIZARD SPIRAL POINT MACHINE TAPS - METRIC**  
**TARAUDS A MACHINE BLUE WIZARD - ENTREE EN HELICE METRIQUE**

**CT71**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>Metric Coarse</b>						
CT71020	M2.0 X 0.40	8.0	41.0	2.50	2	31.43
CT71025	M2.5 X 0.45	9.5	44.5	2.80	2	26.06
CT71030	M3.0 X 0.50	15.0	48.0	3.15	2	20.32
CT71035	M3.5 X 0.60	17.0	50.0	3.55	2	20.31
CT71040	M4.0 X 0.70	17.0	53.0	4.00	2	16.77
CT71045	M4.5 X 0.75	17.0	53.0	4.50	2	22.55
CT71050	M5.0 X 0.80	16.0	58.0	5.00	3	18.81
CT71060	M6.0 X 1.00	19.0	66.0	6.30	3	19.34
CT71070	M7.0 X 1.00	19.0	66.0	7.10	3	24.99
CT71080	M8.0 X 1.25	22.0	72.0	8.00	3	21.04
CT71100	M10.0 X 1.50	24.0	80.0	10.00	3	28.95
CT71120	M12.0 X 1.75	29.0	89.0	9.00	3	46.13
CT71140	M14.0 X 2.00	30.0	95.0	11.20	3	59.48
CT71160	M16.0 X 2.00	32.0	102.0	12.50	3	74.09
CT71180	M18.0 X 2.50	37.0	112.0	14.00	3	100.17
CT71200	M20.0 X 2.50	37.0	112.0	14.00	3	129.43
CT71220	M22.0 X 2.50	38.0	118.0	16.00	3	151.36
CT71240	M24.0 X 3.00	45.0	130.0	18.00	3	170.44

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>Metric Fine</b>						
CT71540	MF4.0 X 0.50	17.0	53.0	4.00	2	32.26
CT71550	MF5.0 X 0.50	16.0	58.0	5.00	3	32.26
CT71560	MF6.0 X 0.75	19.0	66.0	6.30	3	32.26
CT71580	MF8.0 X 1.00	22.0	72.0	8.10	3	33.81
CT71600	MF10.0 X 1.00	24.0	80.0	10.00	3	49.00
CT71800	MF10.0 X 1.25	24.0	80.0	10.00	3	47.17
CT71620	MF12.0 X 1.25	29.0	89.0	9.00	3	62.04
CT71820	MF12.0 X 1.50	29.0	89.0	9.00	3	62.04
CT71640	MF14.0 X 1.25	30.0	95.0	11.20	3	70.72
CT71840	MF14.0 X 1.50	30.0	95.0	11.20	3	68.27
CT71660	MF16.0 X 1.50	32.0	102.0	12.50	3	100.19
CT71680	MF18.0 X 1.50	37.0	112.0	14.00	3	129.43
CT71700	MF20.0 X 1.50	37.0	112.0	14.00	3	151.36
CT71720	MF22.0 X 1.50	38.0	118.0	16.00	3	170.47

**BLUE WIZARD SPIRAL POINT MACHINE TAP - BSW & BSF**  
**TARAUDS A MACHINE BLUE WIZARD - ENTREE EN HELICE - BSW & BSF**

**CT81**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>BSW</b>						
CT81008	1/8-40 BSW	15.0	48.0	3.15	2	64.35
CT81012	3/16-24 BSW	16.0	58.0	5.00	3	38.71
CT81015	1/4-20 BSW	19.0	66.0	6.30	3	33.05
CT81020	5/16-18 BSW	22.0	72.0	8.00	3	36.50
CT81024	3/8-16 BSW	24.0	80.0	10.00	3	46.55
CT81028	7/16-14 BSW	25.0	85.0	8.00	3	66.07
CT81032	1/2-12 BSW	29.0	89.0	9.00	3	66.07
CT81038	9/16-12 BSW	30.0	95.0	11.20	3	83.88
CT81040	5/8-11 BSW	32.0	102.0	12.50	3	98.70
CT81048	3/4-10 BSW	37.0	112.0	14.00	3	147.39
CT81058	7/8-9 BSW	38.0	118.0	16.00	3	199.90
CT81064	1"-8 BSW	45.0	130.0	18.00	3	243.35

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>BSF</b>						
CT81212	3/16-32 BSF	16.0	58.0	5.00	3	39.99
CT81216	1/4-28 BSF	19.0	66.0	6.30	3	33.90
CT81220	5/16-22 BSF	22.0	72.0	8.00	3	37.84
CT81224	3/8-20 BSF	24.0	80.0	10.00	3	48.26
CT81228	7/16-18 BSF	25.0	85.0	8.00	3	68.66
CT81232	1/2-16 BSF	29.0	89.0	9.00	3	68.66
CT81236	9/16-16 BSF	30.0	95.0	11.20	3	83.44
CT81240	5/8-14 BSF	32.0	102.0	12.50	3	99.54
CT81248	3/4-12 BSF	37.0	112.0	14.00	3	153.42
CT81256	7/8-11 BSF	38.0	118.0	16.00	3	206.42
CT81264	1"-10 BSF	45.0000	130	18.00	3	252.03

**BLUE WIZARD SPIRAL POINT MACHINE TAP - BA**  
**TARAUDS A MACHINE BLUE WIZARD - ENTREE EN HELICE - BA**

**CT81**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT81410	10 X 0.35 BA	8.0	41.0	2.50	2	99.13
CT81408	8 X 0.43 BA	9.5	44.5	2.80	2	46.11
CT81407	7 X 0.48 BA	9.5	44.5	2.80	2	68.66
CT81406	6 X 0.53 BA	9.5	44.5	2.80	2	33.05
CT81405	5 X 0.59 BA	15.0	48.0	3.15	2	46.55

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT81404	4 X 0.66 BA	17.0	50.0	3.55	2	29.53
CT81403	3 X 0.73 BA	17.0	53.0	4.50	2	46.91
CT81402	2 X 0.81 BA	16.0	58.0	5.00	3	29.53
CT81401	1 X 0.90 BA	17.0	62.0	5.60	3	46.91
CT81400	0 X 1.00 BA	19.0	66.0	6.30	3	30.40

**WIZARD SPIRAL POINT EXTENSION TAPS - FRACTIONAL**  
**TARAUDS EXTRA LONGUE A MACHINE WIZARD - FRACTIONNEL**

**CT68**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT68006	6-32 NC	11/16	4"	0.141	2	76.97
CT68206	6-32 NC	11/16	6"	0.141	2	72.66
CT68106	6-32 NC	11/16	6"	0.097	2	97.13
CT68008	8-32 NC	3/4	4"	0.168	2	76.97
CT68208	8-32 NC	3/4	6"	0.168	2	72.66
CT68108	8-32 NC	3/4	6"	0.123	2	143.85
CT68010	10-24 NC	7/8	4"	0.194	2	76.97
CT68210	10-24 NC	7/8	6"	0.194	2	70.55
CT68510	10-24 NC	7/8	6"	0.134	2	106.12
CT68110	10-32 NF	7/8	4"	0.194	2	76.97
CT68310	10-32 NF	7/8	6"	0.194	2	70.55
CT68410	10-32 NF	7/8	6"	0.134	2	106.12
CT68016	1/4-20 NC	1"	4"	0.255	2	66.68
CT68216	1/4-20 NC	1"	6"	0.255	2	63.45
CT68116	1/4-20 NC	1"	6"	0.185	2	96.92
CT68316	1/4-28 NF	1"	6"	0.255	2	65.80
CT68416	1/4-28 NF	1"	6"	0.185	2	96.92

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT68020	5/16-18 NC	1-1/8	4"	0.318	2	68.19
CT68220	5/16-18 NC	1-1/8	6"	0.318	2	66.24
CT68120	5/16-18 NC	1-1/8	6"	0.240	2	97.55
CT68320	5/16-24 NF	1-1/8	6"	0.318	2	66.24
CT68420	5/16-24 NF	1-1/8	6"	0.240	2	98.62
CT68024	3/8-16 NC	1-1/4	4"	0.381	3	78.48
CT68224	3/8-16 NC	1-1/4	6"	0.381	3	71.17
CT68124	3/8-16 NC	1-1/4	6"	0.275	3	106.55
CT68324	3/8-24 NF	1-1/4	6"	0.381	3	74.17
CT68228	7/16-14 NC	1-7/16	6"	0.323	3	150.95
CT68328	7/16-20 NF	1-7/16	6"	0.323	3	150.95
CT68232	1/2-13 NC	1-21/32	6"	0.367	3	95.84
CT68332	1/2-20 NF	1-21/32	6"	0.367	3	95.84



**BRIGHT WIZARD SPIRAL POINT MACHINE TAPS - FRACTIONAL**  
**TARAUDS A MACHINE BRIGHT WIZARD - ENTREE EN HELICE FRACTIONNEL**

**CT77**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT77100	0-80 NF	3/8	1-5/8	0.141	2	40.89
CT77001	1-64 NC	7/16	1-11/16	0.141	2	40.89
CT77101	1-72 NF	7/16	1-11/16	0.141	2	40.89
CT77002	2-56 NC	1/2	1-3/4	0.141	2	24.08
CT77102	2-64 NF	1/2	1-3/4	0.141	2	24.08
CT77003	3-48 NC	9/16	1-13/16	0.141	2	24.08
CT77103	3-56 NF	9/16	1-13/16	0.141	2	24.08
CT77004	4-40 NC	5/8	1-7/8	0.141	2	21.70
CT77104	4-48 NF	5/8	1-7/8	0.141	2	21.70
CT77005	5-40 NC	11/16	1-15/16	0.141	2	21.70
CT77105	5-44 NF	11/16	1-15/16	0.141	2	21.70
CT77006	6-32 NC	11/16	2"	0.141	2	14.31
CT77106	6-40 NF	11/16	2"	0.141	2	14.31
CT77008	8-32 NC	3/4	2-1/8	0.168	2	14.31
CT77108	8-36 NF	3/4	2-1/8	0.168	2	14.31
CT77010	10-24 NC	11/16	2-3/8	0.194	2	14.31
CT77110	10-32 NF	11/16	2-3/8	0.194	2	14.31
CT77012	12-24 NC	11/16	2-3/8	0.220	2	18.95
CT77120	12-28 NF	11/16	2-3/8	0.220	2	18.95
CT77404	1/4-20 NC	13/16	2-1/2	0.255	2	15.37
CT77504	1/4-28 NF	13/16	2-1/2	0.255	2	15.37

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT77405	5/16-18 NC	7/8	2-23/32	0.318	3	16.60
CT77505	5/16-24 NF	7/8	2-23/32	0.318	3	16.60
CT77406	3/8-16 NC	1"	2-15/16	0.381	3	22.41
CT77506	3/8-24 NF	1"	2-15/16	0.381	3	22.41
CT77407	7/16-14 NC	1-1/16	3-5/32	0.323	3	30.10
CT77507	7/16-20 NF	1-1/16	3-5/32	0.323	3	30.10
CT77408	1/2-13 NC	1-3/16	3-3/8	0.367	3	32.98
CT77508	1/2-20 NF	1-3/16	3-3/8	0.367	3	32.98
CT77409	9/16-12 NC	1-3/16	3-19/32	0.429	3	57.55
CT77509	9/16-18 NF	1-3/16	3-19/32	0.429	3	57.55
CT77410	5/8-11 NC	1-3/8	3-13/16	0.480	3	57.55
CT77510	5/8-18 NF	1-3/8	3-13/16	0.480	3	57.55
CT77412	3/4-10 NC	1-7/16	4-1/4	0.590	3	83.38
CT77512	3/4-16 NF	1-7/16	4-1/4	0.590	3	83.38
CT77414	7/8-9 NC	1-5/8	4-11/16	0.697	3	110.41
CT77514	7/8-14 NF	1-5/8	4-11/16	0.697	3	110.41
CT77416	1"-8 NC	1-3/4	5-1/8	0.800	4	141.29
CT77516	1"-12 NF	1-3/4	5-1/8	0.800	4	141.29

**BRIGHT WIZARD SPIRAL POINT MACHINE TAPS - METRIC**  
**TARAUDS A MACHINE BRIGHT WIZARD - ENTREE EN HELICE METRIQUE**

**CT77**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT77720	M2.0 X 0.40	8.0	41.0	2.50	2	31.43
CT77725	M2.5 X 0.45	9.5	44.5	2.80	2	26.06
CT77730	M3.0 X 0.50	15.0	48.0	3.15	2	20.32
CT77735	M3.5 X 0.60	17.0	50.0	3.55	2	20.31
CT77740	M4.0 X 0.70	17.0	53.0	4.00	2	16.77
CT77745	M4.5 X 0.75	17.0	53.0	4.50	2	22.55
CT77750	M5.0 X 0.80	18.0	58.0	5.00	3	18.81
CT77760	M6.0 X 1.00	19.0	66.0	6.30	3	19.34
CT77770	M7.0 X 1.00	19.0	66.0	7.10	3	24.99

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT77780	M8.0 X 1.25	22.0	72.0	8.00	3	21.04
CT77800	M10.0 X 1.50	24.0	80.0	10.00	3	28.95
CT77820	M12.0 X 1.75	29.0	89.0	9.00	3	46.13
CT77840	M14.0 X 2.00	30.0	95.0	11.20	3	59.48
CT77860	M16.0 X 2.00	32.0	102.0	12.50	3	74.09
CT77880	M18.0 X 2.50	37.0	112.0	14.00	3	100.17
CT77900	M20.0 X 2.50	37.0	112.0	14.00	3	129.43
CT77920	M22.0 X 2.50	38.0	118.0	16.00	3	151.36
CT77940	M24.0 X 3.00	45.0	130.0	18.00	3	170.44

**BRIGHT WIZARD SPIRAL POINT MACHINE TAP - BSW**  
**TARAUDS A MACHINE BRIGHT WIZARD - ENTREE EN HELICE - BSW**

**CT81**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT81108	1/8-40 BSW	15.0	48.0	3.15	2	64.35
CT81112	3/16-24 BSW	16.0	58.0	5.00	3	38.71
CT81115	1/4-20 BSW	19.0	66.0	6.30	3	33.05
CT81120	5/16-18 BSW	22.0	72.0	8.00	3	36.50

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT81124	3/8-16 BSW	24.0	80.0	10.00	3	45.55
CT81128	7/16-14 BSW	25.0	85.0	8.00	3	66.07
CT81132	1/2-12 BSW	29.0	89.0	9.00	3	66.07

**BRIGHT WIZARD SPIRAL POINT MACHINE TAP - BSF & BA**  
**TARAUDS A MACHINE BRIGHT WIZARD - ENTREE EN HELICE - BSF & BA**

**CT81**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT81312	3/16-32 BSF	16.0	58.0	5.00	3	39.99
CT81316	1/4-26 BSF	19.0	66.0	6.30	3	33.90
CT81320	5/16-22 BSF	22.0	72.0	8.00	3	37.84
CT81324	3/8-20 BSF	24.0	80.0	10.00	3	48.26
CT81328	7/16-18 BSF	25.0	85.0	8.00	3	68.66
CT81332	1/2-16 BSF	29.0	89.0	9.00	3	68.66
CT81336	9/16-16 BSF	30.0	95.0	11.20	3	83.44
CT81340	5/8-14 BSF	32.0	102.0	12.50	3	99.54
CT81348	3/4-12 BSF	37.0	112.0	14.00	3	153.42
CT81356	7/8-11 BSF	38.0	118.0	16.00	3	206.42
CT81364	1"-10 BSF	45.0	130.0	18.00	3	252.03

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT81500	0 X 1.00 BA	19.0	66.0	6.30	3	30.40
CT81501	1 X 0.90 BA	17.0	62.0	5.60	3	46.91
CT81502	2 X 0.81 BA	16.0	58.0	5.00	3	29.53
CT81503	3 X 0.73 BA	17.0	53.0	4.50	2	46.91
CT81505	5 X 0.59 BA	15.0	48.0	3.15	2	46.55
CT81506	6 X 0.53 BA	9.5	44.5	2.80	2	33.05
CT81507	7 X 0.48 BA	9.5	44.5	2.80	2	68.66
CT81508	8 X 0.43 BA	9.5	44.5	2.80	2	46.11
CT81510	10 X 0.35 BA	8.0	41.0	2.50	2	99.13

**GOLD WIZARD SPIRAL POINT MACHINE TAPS - FRACTIONAL**  
**TARAUDS A MACHINE GOLD WIZARD - ENTREE EN HELICE FRACTIONNEL**

**CT79**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT79100	0-80 NF	3/8	1-5/8	0.141	2	54.59
CT79001	1-64 NC	7/16	1-11/16	0.141	2	54.59
CT79101	1-72 NF	7/16	1-11/16	0.141	2	54.59
CT79002	2-56 NC	1/2	1-3/4	0.141	2	37.10
CT79102	2-64 NF	1/2	1-3/4	0.141	2	37.10
CT79003	3-48 NC	9/16	1-13/16	0.141	2	37.10
CT79103	3-56 NF	9/16	1-13/16	0.141	2	37.10
CT79004	4-40 NC	5/8	1-7/8	0.141	2	34.63
CT79104	4-48 NF	5/8	1-7/8	0.141	2	34.63

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT79005	5-40 NC	11/16	1-15/16	0.141	2	34.63
CT79105	5-44 NF	11/16	1-15/16	0.141	2	34.63
CT79006	6-32 NC	11/16	2"	0.141	2	26.93
CT79106	6-40 NF	11/16	2"	0.141	2	26.93
CT79008	8-32 NC	3/4	2-1/8	0.168	2	26.93
CT79108	8-36 NF	3/4	2-1/8	0.168	2	26.93
CT79010	10-24 NC	11/16	2-3/8	0.194	2	26.93
CT79110	10-32 NF	11/16	2-3/8	0.194	2	26.93



**GOLD WIZARD SPIRAL POINT MACHINE TAPS - FRACTIONAL**  
**TARAUDS A MACHINE GOLD WIZARD - ENTREE EN HELICE FRACTIONNEL**

**CT79**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT79012	12-24 NC	11/16	2-3/8	0.220	2	31.74
CT79120	12-28 NF	11/16	2-3/8	0.220	2	31.74
CT79404	1/4-20 NC	13/16	2-1/2	0.255	2	28.05
CT79504	1/4-28 NF	13/16	2-1/2	0.255	2	28.05
CT79405	5/16-18 NC	7/8	2-23/32	0.318	3	36.70
CT79505	5/16-24 NF	7/8	2-23/32	0.318	3	36.70
CT79406	3/8-16 NC	1"	2-15/16	0.381	3	42.50
CT79506	3/8-24 NF	1"	2-15/16	0.381	3	42.50
CT79407	7/16-14 NC	1-1/16	3-5/32	0.323	3	55.57
CT79507	7/16-20 NF	1-1/16	3-5/32	0.323	3	55.57
CT79408	1/2-13 NC	1-3/16	3-3/8	0.367	3	58.44
CT79508	1/2-20 NF	1-3/16	3-3/8	0.367	3	58.44

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT79409	9/16-12 NC	1-3/16	3-19/32	0.429	3	84.35
CT79509	9/16-18 NF	1-3/16	3-19/32	0.429	3	84.35
CT79410	5/8-11 NC	1-3/8	3-13/16	0.480	3	101.79
CT79510	5/8-18 NF	1-3/8	3-13/16	0.480	3	101.79
CT79412	3/4-10 NC	1-7/16	4-1/4	0.590	3	143.69
CT79512	3/4-16 NF	1-7/16	4-1/4	0.590	3	143.69
CT79414	7/8-9 NC	1-5/8	4-11/16	0.697	3	176.05
CT79514	7/8-14 NF	1-5/8	4-11/16	0.697	3	176.05
CT79416	1"-8 NC	1-3/4	5-1/8	0.800	4	206.96
CT79516	1"-12 NF	1-3/4	5-1/8	0.800	4	206.96

**GOLD WIZARD SPIRAL POINT MACHINE TAPS - METRIC**  
**TARAUDS A MACHINE GOLD WIZARD - ENTREE EN HELICE METRIQUE**

**CT78**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT78020	M2.0 X 0.40	8.0	41.0	2.50	2	44.93
CT78025	M2.5 X 0.45	9.5	44.5	2.80	2	39.36
CT78030	M3.0 X 0.50	15.0	48.0	3.15	2	33.38
CT78035	M3.5 X 0.60	17.0	50.0	3.55	2	33.37
CT78040	M4.0 X 0.70	17.0	53.0	4.00	2	29.70
CT78045	M4.5 X 0.75	17.0	53.0	4.50	2	35.73
CT78050	M5.0 X 0.80	16.0	58.0	5.00	3	31.84
CT78060	M6.0 X 1.00	19.0	65.0	6.30	3	32.36
CT78070	M7.0 X 1.00	19.0	65.0	7.10	3	46.58

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT78080	M8.0 X 1.25	22.0	72.0	8.00	3	42.47
CT78100	M10.0 X 1.50	24.0	80.0	10.00	3	55.58
CT78120	M12.0 X 1.75	29.0	89.0	9.00	3	73.43
CT78140	M14.0 X 2.00	30.0	95.0	11.20	3	88.60
CT78160	M16.0 X 2.00	32.0	102.0	12.50	3	121.44
CT78180	M18.0 X 2.50	37.0	112.0	14.00	3	148.54
CT78200	M20.0 X 2.50	37.0	112.0	14.00	3	195.56
CT78220	M22.0 X 2.50	38.0	118.0	16.00	3	224.11
CT78240	M24.0 X 3.00	45.0	130.0	18.00	3	243.96

**WHITE WIZARD SPIRAL POINT MACHINE TAPS - FRACTIONAL**  
**TARAUDS A MACHINE WHITE WIZARD - ENTREE EN HELICE FRACTIONNEL**

**CT73**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT73004	4-40 NC	5/8	1-7/8	0.141	2	26.06
CT73104	4-48 NF	5/8	1-7/8	0.141	2	26.06
CT73005	5-40 NC	11/16	1-15/16	0.141	2	26.06
CT73105	5-44 NF	11/16	1-15/16	0.141	2	26.06
CT73006	6-32 NC	11/16	2"	0.141	2	17.17
CT73106	6-40 NF	11/16	2"	0.141	2	17.17
CT73008	8-32 NC	3/4	2-1/8	0.168	2	17.17
CT73108	8-36 NF	3/4	2-1/8	0.168	2	17.17
CT73010	10-24 NC	11/16	2-3/8	0.194	2	17.17
CT73110	10-32 NF	11/16	2-3/8	0.194	2	17.17
CT73012	12-24 NC	11/16	2-3/8	0.220	2	22.71
CT73120	12-28 NF	11/16	2-3/8	0.220	2	22.71
CT73404	1/4-20 NC	13/16	2-1/2	0.255	2	18.45
CT73504	1/4-28 NF	13/16	2-1/2	0.255	2	18.45
CT73405	5/16-18 NC	7/8	2-23/32	0.318	3	19.94
CT73505	5/16-24 NF	7/8	2-23/32	0.318	3	19.94

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT73406	3/8-16 NC	1"	2-15/16	0.381	3	26.84
CT73506	3/8-24 NF	1"	2-15/16	0.381	3	26.84
CT73407	7/16-14 NC	1-1/16	3-5/32	0.323	3	36.13
CT73507	7/16-20 NF	1-1/16	3-5/32	0.323	3	36.13
CT73408	1/2-13 NC	1-3/16	3-3/8	0.367	3	39.63
CT73508	1/2-20 NF	1-3/16	3-3/8	0.367	3	39.63
CT73409	9/16-12 NC	1-3/16	3-19/32	0.429	3	69.04
CT73509	9/16-18 NF	1-3/16	3-19/32	0.429	3	69.04
CT73410	5/8-11 NC	1-3/8	3-13/16	0.480	3	69.04
CT73510	5/8-18 NF	1-3/8	3-13/16	0.480	3	69.04
CT73412	3/4-10 NC	1-7/16	4-1/4	0.590	3	100.07
CT73512	3/4-16 NF	1-7/16	4-1/4	0.590	3	100.07
CT73414	7/8-9 NC	1-5/8	4-11/16	0.697	3	132.51
CT73514	7/8-14 NF	1-5/8	4-11/16	0.697	3	132.51
CT73416	1"-8 NC	1-3/4	5-1/8	0.800	4	169.52
CT73516	1"-12 NF	1-3/4	5-1/8	0.800	4	169.52

**WIZARD TAP & DRILL SET**  
**ENSEMBLES DE FORETS & TARAUDS WIZARD**

**DR06**



CODE	TAPS TARAUDS	DRILLS FORETS	FROM DE	TO A	PCS CANN	\$ EA \$ CH
DR06899	BLUE WIZARD	ZD16	6-32	1/2-13	18	232.16
DR06801	WIZARD	DR15	6-32	1/2-13	18	248.74
DR06805	GOLD WIZARD	DR02	6-32	1/2-13	18	408.98
DR06810	BLUE RING	DR09	6-32	1/2-13	18	417.78
DR06818	BLUE WIZARD	ZD16	6-40	1/2-20	18	232.16
DR06802	WIZARD	DR15	6-40	1/2-20	18	248.74
DR06806	GOLD WIZARD	DR02	6-40	1/2-20	18	408.98

CODE	TAPS TARAUDS	DRILLS FORETS	FROM DE	TO A	PCS CANN	\$ EA \$ CH
DR06895	BLUE WIZARD	ZD16	M2.50	M12.0	18	267.32
DR06803	WIZARD	DR15	M2.50	M12.0	18	289.37
DR06807	GOLD WIZARD	DR02	M2.50	M12.0	18	443.13
DR06812	BLUE RING	DR09	M2.50	M12.0	18	510.16

TARAUDS



**COMBINED TAP AND DRILL  
TARAUDS FORET**

**DT02 DT04 DT10**



**HSS**

CODE	SIZE DIM	THREAD FILETEE	DRILL FORET	LENGTH LONGEUR	OA	\$ EA \$ CH
DT02004	4-40 NC	3/8	0.091	1/4	1-7/8	34.14
DT02006	6-32 NC	7/16	0.112	5/16	2"	34.14
DT02008	8-32 NC	1/2	0.138	3/8	2-1/8	34.14
DT02010	10-24 NC	5/8	0.155	13/32	2-3/8	34.14
DT02110	10-32 NF	5/8	0.164	13/32	2-3/8	34.14
DT02012	12-24 NC	21/32	0.180	15/32	2-3/8	34.14
DT02404	1/4-20 NC	25/32	0.208	17/32	2-1/2	34.14
DT02504	1/4-28 NF	25/32	0.220	17/32	2-1/2	34.14
DT02405	5/16-18 NC	15/16	0.266	11/16	2-23/32	51.87
DT02505	5/16-24 NF	15/16	0.277	11/16	2-23/32	51.87
DT02406	3/8-16 NC	1-1/8	0.322	13/16	2-15/16	62.62
DT02506	3/8-24 NF	1-1/8	0.340	13/16	2-15/16	62.62
DT02407	7/16-14 NC	1-1/4	0.377	1"	3-3/4	75.25
DT02507	7/16-20 NF	1-1/4	0.395	1"	3-3/4	75.25
DT02408	1/2-13 NC	1-3/8	0.435	1-1/8	4-1/16	84.93
DT02508	1/2-20 NF	1-3/8	0.458	1-1/8	4-1/16	84.93
DT02410	5/8-11 NC	1-3/4	0.548	1-1/2	5-1/16	265.28

CODE	SIZE DIM	THREAD FILETEE	DRILL FORET	LENGTH LONGEUR	OA	\$ EA \$ CH
<b>METRIC</b>						
DT04030	M3.0 X 0.50	13/32	0.102	9/32	1-15/16	35.48
DT04035	M3.5 X 0.60	7/16	0.120	5/16	2"	34.14
DT04040	M4.0 X 0.70	1/2	0.134	3/8	2-1/8	34.14
DT04045	M4.5 X 0.75	5/8	0.152	13/32	2-3/8	34.14
DT04050	M5.0 X 0.80	5/8	0.172	13/32	2-3/8	34.14
DT04060	M6.0 X 1.00	25/32	0.203	17/32	2-1/2	34.14
DT04070	M7.0 X 1.00	15/16	0.242	11/16	2-23/32	51.87
DT04080	M8.0 X 1.25	15/16	0.274	11/16	2-23/32	51.87
DT04100	M10.0 X 1.50	1-1/8	0.344	13/16	2-15/16	62.62
DT04120	M12.0 X 1.75	1-3/8	0.414	1-1/8	4-1/16	84.93
<b>PIPE SIZES (NPT)</b>						
DT10001	1/16-27	11/16	0.242	11/16	2-13/16	149.98
DT10002	1/8-27	3/4	0.332	3/4	2-7/8	178.85
DT10004	1/4-18	1-1/16	0.438	7/8	3-5/16	208.96
DT10006	3/8-18	1-1/16	0.562	15/16	3-1/2	252.92
DT10008	1/2-14	1-3/8	0.703	1-1/4	4-3/8	374.68
DT10012	3/4-14	1-3/8	0.906	1-5/16	4-9/16	511.49
DT10016	1"-11.5	1-3/4	1.141	1-5/8	5-3/8	753.66

**MERCURY FLUTELESS MACHINE TAPS - UNC & UNF  
TARAUDS A MACHINE MERCURY - SANS GOUJURE - UNC & UNF**

**CT70**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTES CANN	\$ EA \$ CH
CT70004	4-40 UNC	15.0	48.0	3.15	0	75.20
CT70005	5-40 UNC	15.0	48.0	3.15	0	75.20
CT70006	6-32 UNC	17.0	50.0	3.55	0	47.67
CT70008	8-32 UNC	17.0	53.0	4.50	0	47.67
CT70010	10-24 UNC	16.0	58.0	5.00	0	47.67
CT70210	10-32 UNF	16.0	58.0	5.00	0	47.67

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTES CANN	\$ EA \$ CH
CT70404	1/4-20 UNC	19.0	66.0	6.30	0	46.38
CT70504	1/4-28 UNF	19.0	66.0	6.30	0	89.50
CT70406	5/16-18 UNC	22.0	72.0	8.00	0	55.09
CT70506	5/16-24 UNF	22.0	72.0	8.00	0	100.41
CT70408	3/8-16 UNC	24.0	80.0	10.00	0	76.09
CT70508	3/8-24 UNF	24.0	80.0	10.00	0	127.35

**MERCURY FLUTELESS MACHINE TAPS - METRIC  
TARAUDS A MACHINE MERCURY - SANS GOUJURE - METRIQUE**

**CT69**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTES CANN	\$ EA \$ CH
CT69030	M3.0 X 0.50	15.0	48.0	3.15	0	46.54
CT69035	M3.5 X 0.60	17.0	50.0	3.55	0	44.92
CT69040	M4.0 X 0.70	17.0	53.0	4.00	0	43.77
CT69050	M5.0 X 0.80	16.0	58.0	5.00	0	49.78

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTES CANN	\$ EA \$ CH
CT69060	M6.0 X 1.00	19.0	66.0	6.30	0	49.78
CT69080	M8.0 X 1.25	22.0	72.0	8.00	0	53.97
CT69100	M10.0 X 1.50	24.0	80.0	10.00	0	67.47
CT69120	M12.0 X 1.75	29.0	89.0	9.00	0	99.89

**BLUE MERLIN SPIRAL FLUTE MACHINE TAPS - FRACTIONAL**  
**TARAUDS A MACHINE BLUE MERLIN - GOUJURES HELICOIDALES - FRACTIONNEL**

**CT75**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT75004	4-40 NC	5/8	1-7/8	0.141	2	25.24
CT75104	4-48 NF	5/8	1-7/8	0.141	2	25.24
CT75005	5-40 NC	11/16	1-15/16	0.141	2	25.24
CT75105	5-44 NF	11/16	1-15/16	0.141	2	25.24
CT75008	6-32 NC	11/16	2"	0.141	3	26.88
CT75108	6-40 NF	11/16	2"	0.141	3	26.88
CT75008	8-32 NC	3/4	2-1/8	0.168	3	26.88
CT75108	8-36 NF	3/4	2-1/8	0.168	3	26.88
CT75010	10-24 NC	11/16	2-3/8	0.194	3	23.97
CT75310	10-32 NF	11/16	2-3/8	0.194	3	23.97
CT75012	12-24 NC	11/16	2-3/8	0.220	3	29.00
CT75312	12-28 NF	11/16	2-3/8	0.220	3	29.00
CT75404	1/4-20 NC	13/16	2-1/2	0.255	3	22.48
CT75704	1/4-28 NF	13/16	2-1/2	0.255	3	22.48
CT75405	5/16-18 NC	7/8	2-23/32	0.318	3	27.85
CT75705	5/16-24 NF	7/8	2-23/32	0.318	3	27.85

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT75406	3/8-16 NC	1"	2-15/16	0.381	3	32.24
CT75706	3/8-24 NF	1"	2-15/16	0.381	3	32.24
CT75407	7/16-14 NC	1-1/16	3-5/32	0.323	3	47.70
CT75707	7/16-20 NF	1-1/16	3-5/32	0.323	3	47.70
CT75408	1/2-13 NC	1-3/16	3-3/8	0.367	3	56.98
CT75708	1/2-20 NF	1-3/16	3-3/8	0.367	3	56.98
CT75409	9/16-12 NC	1-3/16	3-19/32	0.429	3	104.22
CT75709	9/16-18 NF	1-3/16	3-19/32	0.429	3	104.22
CT75410	5/8-11 NC	1-3/8	3-13/16	0.480	4	107.80
CT75710	5/8-18 NF	1-3/8	3-13/16	0.480	4	107.80
CT75412	3/4-10 NC	1-7/16	4-1/4	0.590	4	146.41
CT75712	3/4-16 NF	1-7/16	4-1/4	0.590	4	146.41
CT75414	7/8-9 NC	1-5/8	4-11/16	0.697	4	184.85
CT75714	7/8-14 NF	1-5/8	4-11/16	0.697	4	184.85
CT75416	1"-8 NC	1-3/4	5-1/8	0.800	4	243.50
CT75716	1"-12 NF	1-3/4	5-1/8	0.800	4	243.50

**BLUE MERLIN SPIRAL FLUTE MACHINE TAPS - METRIC**  
**TARAUDS A MACHINE BLUE MERLIN - GOUJURES HELICOIDALES - METR QUE**

**CT76**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<i>Metric Coarse - Metrique</i>						
CT76030	M3.0 X 0.50	15.0	48.0	3.15	2	20.92
CT76035	M3.5 X 0.60	17.0	50.0	3.55	3	21.70
CT76040	M4.0 X 0.70	17.0	53.0	4.00	3	18.00
CT76050	M5.0 X 0.80	16.0	58.0	5.00	3	20.17
CT76060	M6.0 X 1.00	19.0	66.0	6.30	3	20.17
CT76070	M7.0 X 1.00	19.0	66.0	7.10	3	31.43
CT76080	M8.0 X 1.25	22.0	72.0	8.00	3	22.32
CT76100	M10.0 X 1.50	24.0	80.0	10.00	3	29.79
CT76120	M12.0 X 1.75	29.0	89.0	9.00	3	47.30
CT76140	M14.0 X 2.00	30.0	95.0	11.20	3	62.37
CT76160	M16.0 X 2.00	32.0	102.0	12.50	4	82.67
CT76180	M18.0 X 2.50	37.0	112.0	14.00	4	110.15
CT76200	M20.0 X 2.50	37.0	112.0	14.00	4	138.83
CT76220	M22.0 X 2.50	38.0	118.0	16.00	4	168.16
CT76240	M24.0 X 3.00	45.0	130.0	18.00	4	182.26

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<i>Metric Fine - Metrique Fin</i>						
CT76804	MF4.0 X 0.50	17.0	53.0	4.00	3	63.92
CT76805	MF5.0 X 0.50	16.0	58.0	5.00	3	63.92
CT76806	MF6.0 X 0.75	19.0	66.0	6.30	3	63.92
CT76808	MF8.0 X 1.00	22.0	72.0	8.10	3	66.51
CT76809	MF10.0 X 1.00	24.0	80.0	10.00	3	96.89
CT76810	MF10.0 X 1.25	24.0	80.0	10.00	3	93.02
CT76811	MF12.0 X 1.25	29.0	89.0	9.00	3	122.17
CT76812	MF12.0 X 1.50	29.0	89.0	9.00	3	122.17
CT76813	MF14.0 X 1.25	30.0	95.0	11.20	3	138.68
CT76814	MF14.0 X 1.50	30.0	95.0	11.20	3	134.75
CT76816	MF16.0 X 1.50	32.0	102.0	12.50	4	151.26
CT76818	MF18.0 X 1.50	37.0	112.0	14.00	4	209.45
CT76820	MF20.0 X 1.50	37.0	112.0	14.00	4	256.42
CT76822	MF22.0 X 1.50	38.0	118.0	16.00	4	286.81



**BLUE MERLIN SPIRAL FLUTE MACHINE TAP - BSW, BSF, BA**  
**TARAUDS A MACHINE BLUE MERLIN - GOUJURES HELICOIDALES - BSW, BSF, BA**

**CT80**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>BSW</b>						
CT80008	1/8-40 BSW	15.0	48.0	3.15	2	81.74
CT80012	3/16-24 BSW	16.0	58.0	5.00	3	49.13
CT80016	1/4-20 BSW	19.0	66.0	6.30	3	42.16
CT80020	5/16-18 BSW	22.0	72.0	8.00	3	46.91
CT80024	3/8-16 BSW	24.0	80.0	10.00	3	59.09
CT80028	7/16-14 BSW	25.0	85.0	8.00	3	84.32
CT80032	1/2-12 BSW	29.0	89.0	9.00	3	84.32
CT80040	5/8-11 BSW	32.0	102.0	12.50	4	125.63
CT80048	3/4-10 BSW	37.0	112.0	14.00	4	188.18
<b>BSF</b>						
CT80212	3/16-32 BSF	16.0	58.0	5.00	3	51.29
CT80216	1/4-26 BSF	19.0	66.0	6.30	3	43.47
CT80220	5/16-22 BSF	22.0	72.0	8.00	3	48.26
CT80224	3/8-20 BSF	24.0	80.0	10.00	3	61.71
CT80228	7/16-18 BSF	25.0	85.0	8.00	3	87.77
CT80232	1/2-16 BSF	29.0	89.0	9.00	3	87.77
CT80240	5/8-14 BSF	32.0	102.0	12.50	4	130.87
CT80248	3/4-12 BSF	37.0	112.0	14.00	4	195.58

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>BA</b>						
CT80410	10 X 0.35 BA	8.0	41.0	2.50	2	125.63
CT80408	8 X 0.43 BA	9.5	44.5	2.80	2	56.51
CT80406	6 X 0.53 BA	9.5	44.5	2.80	2	42.16
CT80405	5 X 0.59 BA	15.0	48.0	3.15	2	59.09
CT80404	4 X 0.66 BA	17.0	50.0	3.55	3	36.99
CT80403	3 X 0.73 BA	17.0	53.0	4.50	3	46.91
CT80402	2 X 0.81 BA	16.0	58.0	5.00	3	36.99
CT80401	1 X 0.90 BA	17.0	62.0	5.60	3	46.91
CT80400	0 X 1.00 BA	19.0	66.0	6.30	3	38.71

**BRIGHT MERLIN SPIRAL FLUTE MACHINE TAPS - FRACTIONAL**  
**TARAUDS A MACHINE BRIGHT MERLIN - GOUJURES HELICOIDALES - FRACTIONNEL**

**CT75**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT75804	4-40 NC	5/8	1-7/8	0.141	2	25.24
CT75904	4-48 NF	5/8	1-7/8	0.141	2	25.24
CT75805	5-40 NC	11/16	1-15/16	0.141	2	25.24
CT75905	5-44 NF	11/16	1-15/16	0.141	2	25.24
CT75806	6-32 NC	11/16	2"	0.141	3	26.88
CT75906	6-40 NF	11/16	2"	0.141	3	26.88
CT75808	8-32 NC	3/4	2-1/8	0.168	3	26.88
CT75908	8-36 NF	3/4	2-1/8	0.168	3	26.88
CT75810	10-24 NC	11/16	2-3/8	0.194	3	23.97
CT75910	10-32 NF	11/16	2-3/8	0.194	3	23.97
CT75812	12-24 NC	11/16	2-3/8	0.220	3	29.00
CT75912	12-28 NF	11/16	2-3/8	0.220	3	29.00
CT75504	1/4-20 NC	13/16	2-1/2	0.255	3	22.48
CT75604	1/4-28 NF	13/16	2-1/2	0.255	3	22.48
CT75505	5/16-18 NC	7/8	2-23/32	0.318	3	27.85
CT75605	5/16-24 NF	7/8	2-23/32	0.318	3	27.85
CT75509	3/8-18 NC	1"	2-15/16	0.381	3	32.24
CT75606	3/8-24 NF	1"	2-15/16	0.381	3	32.24

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT75507	7/16-14 NC	1-1/16	3-5/32	0.323	3	47.70
CT75607	7/16-20 NF	1-1/16	3-5/32	0.323	3	47.70
CT75508	1/2-13 NC	1-3/16	3-3/8	0.367	3	56.98
CT75608	1/2-20 NF	1-3/16	3-3/8	0.367	3	56.98
CT75509	9/16-12 NC	1-3/16	3-19/32	0.429	3	104.22
CT75609	9/16-18 NF	1-3/16	3-19/32	0.429	3	104.22
CT75510	5/8-11 NC	1-3/8	3-13/16	0.480	4	107.80
CT75610	5/8-18 NF	1-3/8	3-13/16	0.480	4	107.80
CT75512	3/4-10 NC	1-7/16	4-1/4	0.590	4	146.41
CT75612	3/4-16 NF	1-7/16	4-1/4	0.590	4	146.41
CT75514	7/8-9 NC	1-5/8	4-11/16	0.697	4	184.85
CT75614	7/8-14 NF	1-5/8	4-11/16	0.697	4	184.85
CT75516	1"-8 NC	1-3/4	5-1/8	0.800	4	243.50
CT75616	1"-12 NF	1-3/4	5-1/8	0.800	4	243.50

**BRIGHT MERLIN SPIRAL FLUTE MACHINE TAPS - METRIC**  
**TARAUDS A MACHINE BRIGHT MERLIN - GOUJURES HELICOIDALES - METRIQUE**

**CT76**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT76530	M3.0 X 0.50	15.0	48.0	3.15	2	20.92
CT76535	M3.5 X 0.60	17.0	50.0	3.55	3	21.70
CT76540	M4.0 X 0.70	17.0	53.0	4.00	3	18.00
CT76550	M5.0 X 0.80	16.0	58.0	5.00	3	20.17
CT76560	M6.0 X 1.00	19.0	66.0	6.30	3	20.17
CT76570	M7.0 X 1.00	19.0	66.0	7.10	3	31.43
CT76580	M8.0 X 1.25	22.0	72.0	8.00	3	22.32
CT76600	M10.0 X 1.50	24.0	80.0	10.00	3	29.79

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT76620	M12.0 X 1.75	29.0	89.0	9.00	3	47.30
CT76640	M14.0 X 2.00	30.0	95.0	11.20	3	62.37
CT76660	M16.0 X 2.00	32.0	102.0	12.50	4	82.67
CT76680	M18.0 X 2.50	37.0	112.0	14.00	4	110.15
CT76700	M20.0 X 2.50	37.0	112.0	14.00	4	138.83
CT76720	M22.0 X 2.50	38.0	118.0	16.00	4	168.16
CT76740	M24.0 X 3.00	45.0	130.0	18.00	4	182.26

**BRIGHT MERLIN SPIRAL FLUTE MACHINE TAP - BSW, BSF, BA**  
**TARAUDS A MACHINE BRIGHT MERLIN - GOUJURES HELICOIDALES - BSW, BSF, BA**

**CT80**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>BSW</b>						
CT80108	1/8-40 BSW	15.0	48.0	3.15	2	81.74
CT80112	3/16-24 BSW	16.0	58.0	5.00	3	49.13
CT80115	1/4-20 BSW	19.0	66.0	6.30	3	42.16
CT80120	5/16-18 BSW	22.0	72.0	8.00	3	46.91
CT80124	3/8-16 BSW	24.0	80.0	10.00	3	59.09
CT80128	7/16-14 BSW	25.0	85.0	8.00	3	84.32
CT80132	1/2-12 BSW	29.0	89.0	9.00	3	84.32
CT80140	5/8-11 BSW	32.0	102.0	12.50	4	125.63
CT80148	3/4-10 BSW	37.0	112.0	14.00	4	188.18
<b>BSF</b>						
CT80312	3/16-32 BSF	16.0	58.0	5.00	3	51.29
CT80315	1/4-26 BSF	19.0	66.0	6.30	3	43.47
CT80320	5/16-22 BSF	22.0	72.0	8.00	3	48.26
CT80324	3/8-20 BSF	24.0	80.0	10.00	3	61.71
CT80328	7/16-18 BSF	25.0	85.0	8.00	3	87.77
CT80332	1/2-16 BSF	29.0	89.0	9.00	3	87.77
CT80340	5/8-14 BSF	32.0	102.0	12.50	4	130.87
CT80348	3/4-12 BSF	37.0	112.0	14.00	4	195.58

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>BA</b>						
CT80510	10 X 0.35 BA	8.0	41.0	2.50	2	125.63
CT80508	8 X 0.43 BA	9.5	44.5	2.80	2	56.51
CT80506	6 X 0.53 BA	9.5	44.5	2.80	2	42.16
CT80505	5 X 0.59 BA	15.0	48.0	3.15	2	59.09
CT80504	4 X 0.66 BA	17.0	50.0	3.55	3	36.99
CT80503	3 X 0.73 BA	17.0	53.0	4.50	3	48.91
CT80502	2 X 0.81 BA	16.0	58.0	5.00	3	36.99
CT80501	1 X 0.90 BA	17.0	62.0	5.60	3	45.91
CT80500	0 X 1.00 BA	19.0	66.0	6.30	3	38.71



**APPLICATION SPECIFIC TAPS - SPIRAL POINT - RED RING - BRIGHT**  
**TARAUDS D'APPLICATION SPECIAL A BAGUE ROUGE - FINI POLI - ENTREE EN HELICE**

**CT52**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT52004	4-40 NC	5/8	1-7/8	0.141	3	21.67
CT52005	5-40 NC	5/8	1-7/8	0.141	3	21.67
CT52008	6-32 NC	11/16	2"	0.141	3	21.67
CT52106	6-40 NF	11/16	2"	0.141	3	21.67
CT52008	8-32 NC	3/4	2-1/8	0.168	3	21.67
CT52010	10-24 NC	11/16	2-3/8	0.194	3	21.67
CT52110	10-32 NF	11/16	2-3/8	0.194	3	21.67
CT52012	12-24 NC	11/16	2-3/8	0.220	3	24.56
CT52404	1/4-20 NC	13/16	2-1/2	0.255	3	24.56
CT52504	1/4-28 NF	13/16	2-1/2	0.255	3	24.56
CT52405	5/16-18 NC	7/8	2-23/32	0.318	3	30.72
CT52505	5/16-24 NF	7/8	2-23/32	0.318	3	30.72
CT52406	3/8-16 NC	1"	2-15/16	0.381	4	31.43
CT52506	3/8-24 NF	1"	2-15/16	0.381	4	31.43
CT52407	7/16-14 NC	1-1/16	3-5/32	0.323	4	50.56
CT52507	7/16-20 NF	1-1/16	3-5/32	0.323	4	50.56

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT52408	1/2-13 NC	1-3/16	3-3/8	0.367	4	56.72
CT52508	1/2-20 NF	1-3/16	3-3/8	0.367	4	56.72
CT52410	5/8-11 NC	1-3/8	3-13/16	0.480	4	58.52
CT52510	5/8-18 NF	1-3/8	3-13/16	0.480	4	58.52
CT52412	3/4-10 NC	1-7/16	4-1/4	0.590	4	82.38
CT52512	3/4-16 NF	1-7/16	4-1/4	0.590	4	82.38
CT52414	7/8-9 NC	1-5/8	4-11/16	0.697	4	178.41
CT52514	7/8-14 NF	1-5/8	4-11/16	0.697	4	178.41
CT52416	1"-8 NC	1-3/4	5-1/8	0.800	4	241.66
CT52516	1"-12 NF	1-3/4	5-1/8	0.800	4	241.66
CT52418	1-1/8 7 NC	2-9/16	5-7/16	0.896	4	350.29
CT52518	1-1/8 12 NF	2-9/16	5-7/16	0.896	4	350.29
CT52420	1-1/4 7 NC	2-9/16	5-3/4	1.021	4	376.31
CT52520	1-1/4 12 NF	2-9/16	5-3/4	1.021	4	376.31
CT52422	1-3/8 6 NC	3"	6-1/16	1.108	4	516.44
CT52522	1-3/8 12 NF	3"	6-1/16	1.108	4	516.44

**APPLICATION SPECIFIC TAPS - SPIRAL POINT - RED RING - BRIGHT**  
**TARAUDS D'APPLICATION SPECIAL A BAGUE ROUGE - FINI POLI - ENTREE EN HELICE**

**CT51**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT51020	M2.0 X 0.40	8.0	41.0	2.50	3	50.25
CT51025	M2.5 X 0.45	9.5	44.5	2.80	3	40.43
CT51030	M3.0 X 0.50	11.0	48.0	3.15	3	33.96
CT51035	M3.5 X 0.60	13.0	50.0	3.55	3	24.56
CT51040	M4.0 X 0.70	13.0	53.0	4.00	3	24.56
CT51045	M4.5 X 0.75	13.0	53.0	4.50	3	24.56
CT51050	M5.0 X 0.80	16.0	58.0	5.00	3	28.51
CT51060	M6.0 X 1.00	19.0	66.0	6.30	3	28.51
CT51070	M7.0 X 1.00	19.0	66.0	7.10	3	36.12
CT51080	M8.0 X 1.25	22.0	72.0	8.00	3	36.12
CT51081	MF8 X 1.00	22.0	72.0	8.10	3	36.12
CT51100	M10 X 1.50	24.0	80.0	10.00	4	57.75
CT51101	MF10 X 1.25	24.0	80.0	10.00	4	57.75
CT51120	M12 X 1.75	29.0	89.0	9.00	4	65.36
CT51121	MF12 X 1.25	29.0	89.0	9.00	4	65.36
CT51140	M14 X 2.00	30.0	95.0	11.20	4	97.89

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT51141	MF14 X 1.50	30.0	95.0	11.20	4	97.89
CT51160	M16 X 2.00	32.0	102.0	12.50	4	115.19
CT51161	MF16 X 1.50	32.0	102.0	12.50	4	115.19
CT51180	M18 X 2.50	37.0	112.0	14.00	4	141.55
CT51181	MF18 X 1.50	37.0	112.0	14.00	4	141.55
CT51200	M20 X 2.50	37.0	112.0	14.00	4	184.19
CT51201	MF20 X 1.50	37.0	112.0	14.00	4	184.19
CT51220	M22 X 2.50	38.0	118.0	16.00	4	219.58
CT51221	MF22 X 1.50	38.0	118.0	16.00	4	219.58
CT51240	M24 X 3.00	45.0	130.0	18.00	4	254.95
CT51241	MF24 X 1.50	45.0	130.0	18.00	4	254.95
CT51270	M27 X 3.00	45.0	135.0	20.00	4	327.56
CT51271	MF27 X 1.50	45.0	135.0	20.00	4	327.56
CT51300	M30 X 3.50	48.0	138.0	20.00	4	376.26
CT51301	MF30 X 1.50	48.0	138.0	20.00	4	376.26

**APPLICATION SPECIFIC TAPS - SPIRAL FLUTE - RED RING - BRIGHT**  
**TARAUDS D'APPLICATION SPECIAL A BAGUE ROUGE - GOUJURES HELICOIDALES**

**CT54**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT54004	4-40 NC	5/8	1-7/8	0.141	3	39.74
CT54006	6-32 NC	11/16	2"	0.141	3	39.74
CT54008	8-32 NC	3/4	2-1/8	0.168	3	49.12
CT54010	10-24 NC	11/16	2-3/8	0.194	3	49.12
CT54110	10-32 NF	11/16	2-3/8	0.194	3	49.12
CT54404	1/4-20 NC	13/16	2-1/2	0.255	3	49.12
CT54504	1/4-28 NF	13/16	2-1/2	0.255	3	49.12
CT54405	5/16-18 NC	7/8	2-23/32	0.318	3	62.84
CT54505	5/16-24 NF	7/8	2-23/32	0.318	3	62.84
CT54406	3/8-16 NC	1"	2-15/16	0.381	4	75.85
CT54506	3/8-24 NF	1"	2-15/16	0.381	4	75.85
CT54407	7/16-14 NC	1-1/16	3-5/32	0.323	4	113.03
CT54508	1/2-20 NF	1-3/16	3-3/8	0.367	4	123.87
CT54408	1/2-13 NC	1-3/16	3-3/8	0.367	4	123.87

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT54410	5/8-11 NC	1-3/8	3-13/16	0.460	4	127.09
CT54510	5/8-18 NF	1-3/8	3-13/16	0.460	4	127.09
CT54412	3/4-10 NC	1-7/16	4-1/4	0.590	4	179.90
CT54512	3/4-16 NF	1-7/16	4-1/4	0.590	4	179.90
CT54414	7/8-9 NC	1-5/8	4-11/16	0.697	4	292.51
CT54514	7/8-14 NF	1-5/8	4-11/16	0.697	4	292.51
CT54416	1"-8 NC	1-3/4	5-1/8	0.800	4	389.32
CT54516	1"-12 NF	1-3/4	5-1/8	0.800	4	389.32
CT54418	1-1/8 7 NC	2-9/16	5-7/16	0.896	4	591.86
CT54518	1-1/8 12 NF	2-9/16	5-7/16	0.896	4	591.86
CT54420	1-1/4 7 NC	2-9/16	5-3/4	1.021	4	635.21
CT54520	1-1/4 12 NF	2-9/16	5-3/4	1.021	4	635.21
CT54422	1-3/8 6 NC	3"	6-1/16	1.108	4	851.87
CT54522	1-3/8 12 NF	3"	6-1/16	1.108	4	851.87

**APPLICATION SPECIFIC TAPS - SPIRAL FLUTE - RED RING - BRIGHT**  
**TARAUDS D'APPLICATION SPECIAL A BAGUE ROUGE - GOUJURES HELICOIDALES**

**CT53**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT53030	M3.0 X 0.50	11.0	48.0	3.15	3	56.72
CT53035	M3.5 X 0.60	13.0	50.0	3.55	3	56.72
CT53040	M4.0 X 0.70	13.0	53.0	4.00	3	56.72
CT53050	M5.0 X 0.80	16.0	58.0	5.00	3	56.72
CT53060	M6.0 X 1.00	19.0	66.0	6.30	3	56.72
CT53070	M7.0 X 1.00	19.0	66.0	7.10	3	87.08
CT53080	M8 X 1.25	22.0	72.0	8.00	3	87.08
CT53081	MF8 X 1.00	22.0	72.0	8.10	3	87.08
CT53100	M10 X 1.50	24.0	80.0	10.00	4	130.02
CT53101	MF10 X 1.25	24.0	80.0	10.00	4	130.02
CT53120	M12 X 1.75	29.0	89.0	9.00	4	142.29
CT53121	MF12 X 1.25	29.0	89.0	9.00	4	142.29
CT53140	M14 X 2.00	30.0	95.0	11.20	4	179.87
CT53141	MF14 X 1.50	30.0	95.0	11.20	4	179.87
CT53160	M16 X 2.00	32.0	102.0	12.50	4	214.49

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT53161	MF16 X 1.50	32.0	102.0	12.50	4	214.49
CT53180	M18 X 2.50	37.0	112.0	14.00	4	310.54
CT53181	MF18 X 1.50	37.0	112.0	14.00	4	310.54
CT53200	M20 X 2.50	37.0	112.0	14.00	4	366.21
CT53201	MF20 X 1.50	37.0	112.0	14.00	4	366.21
CT53220	M22 X 2.50	38.0	118.0	16.00	4	395.78
CT53221	MF22 X 1.50	38.0	118.0	16.00	4	395.78
CT53240	M24 X 3.00	45.0	130.0	18.00	4	425.44
CT53241	MF24 X 1.50	45.0	130.0	18.00	4	425.44
CT53270	M27 X 3.00	45.0	135.0	20.00	4	690.83
CT53271	MF27 X 1.50	45.0	135.0	20.00	4	690.83
CT53300	M30 X 3.50	48.0	138.0	20.00	4	741.42
CT53301	MF30 X 1.50	48.0	138.0	20.00	4	741.42



**APPLICATION SPECIFIC TAPS - SPIRAL POINT - BLUE RING - FERROUS OXIDE  
TARAUDS D'APPLICATION SPECIAL A BAGUE BLEU - ENTREE EN HELICE**

**CT56**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT56004	4-40 NC	5/8	1-7/8	0.141	3	21.67
CT56006	6-32 NC	11/16	2"	0.141	3	21.67
CT56106	6-40 NF	11/16	2"	0.141	3	21.67
CT56008	8-32 NC	3/4	2-1/8	0.168	3	21.67
CT56010	10-24 NC	11/16	2-3/8	0.194	3	21.67
CT56110	10-32 NF	11/16	2-3/8	0.194	3	21.67
CT56012	12-24 NC	11/16	2-3/8	0.220	3	24.56
CT56404	1/4-20 NC	13/16	2-1/2	0.255	3	24.56
CT56504	1/4-28 NF	13/16	2-1/2	0.255	3	24.56
CT56405	5/16-18 NC	7/8	2-23/32	0.318	3	30.72
CT56505	5/16-24 NF	7/8	2-23/32	0.318	3	30.72
CT56406	3/8-16 NC	1"	2-15/16	0.381	3	31.43
CT56506	3/8-24 NF	1"	2-15/16	0.381	3	31.43
CT56407	7/16-14 NC	1-1/16	3-5/32	0.323	3	50.56
CT56507	7/16-20 NF	1-1/16	3-5/32	0.323	3	50.56

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT56408	1/2-13 NC	1-3/16	3-3/8	0.367	3	56.72
CT56508	1/2-20 NF	1-3/16	3-3/8	0.367	3	56.72
CT56410	5/8-11 NC	1-3/8	3-13/16	0.480	3	58.52
CT56510	5/8-18 NF	1-3/8	3-13/16	0.480	3	58.52
CT56412	3/4-10 NC	1-7/16	4-1/4	0.590	4	82.38
CT56512	3/4-16 NF	1-7/16	4-1/4	0.590	4	82.38
CT56414	7/8-9 NC	1-5/8	4-11/16	0.697	4	178.41
CT56514	7/8-14 NF	1-5/8	4-11/16	0.697	4	178.41
CT56416	1"-8 NC	1-3/4	5-1/8	0.800	4	241.66
CT56516	1"-12 NF	1-3/4	5-1/8	0.800	4	241.66
CT56418	1-1/8 7 NC	2-9/16	5-7/16	0.896	4	350.29
CT56518	1-1/8 12NF	2-9/16	5-7/16	0.896	4	350.29
CT56420	1-1/4 7 NC	2-9/16	5-3/4	1.021	4	376.31
CT56520	1-1/4 12NF	2-9/16	5-3/4	1.021	4	376.31
CT56422	1-3/8 6 NC	3"	6-1/16	1.108	4	516.44
CT56522	1-3/8 12NF	3"	6-1/16	1.108	4	516.44

**APPLICATION SPECIFIC TAPS - SPIRAL POINT - BLUE RING - FERROUS OXIDE  
TARAUDS D'APPLICATION SPECIAL A BAGUE BLEU - ENTREE EN HELICE**

**CT55**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT55020	M2.0 X 0.40	8.0	41.0	2.50	3	50.25
CT55025	M2.5 X 0.45	9.5	44.5	2.80	3	40.43
CT55030	M3.0 X 0.50	11.0	48.0	3.15	3	33.96
CT55035	M3.5 X 0.60	13.0	50.0	3.55	3	24.56
CT55040	M4.0 X 0.70	13.0	53.0	4.00	3	24.56
CT55045	M4.5 X 0.75	13.0	53.0	4.50	3	24.56
CT55050	M5.0 X 0.80	16.0	58.0	5.00	3	28.51
CT55060	M6.0 X 1.00	19.0	66.0	6.30	3	28.51
CT55070	M7.0 X 1.00	19.0	66.0	7.10	3	36.12
CT55080	M8 X 1.25	22.0	72.0	8.00	3	36.12
CT55081	MF8 X 1.00	22.0	72.0	8.10	3	36.12
CT55100	M10 X 1.50	24.0	80.0	10.00	3	57.75
CT55101	MF10 X 1.25	24.0	80.0	10.00	3	57.75
CT55120	M12 X 1.75	29.0	89.0	9.00	3	65.36
CT55121	MF12 X 1.25	29.0	89.0	9.00	3	65.36

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT55141	MF14 X 1.50	30.0	95.0	11.20	3	97.89
CT55160	M16 X 2.00	32.0	102.0	12.50	3	115.19
CT55161	MF16 X 1.50	32.0	102.0	12.50	3	115.19
CT55180	M18 X 2.50	37.0	112.0	14.00	4	141.55
CT55181	MF18 X 1.50	37.0	112.0	14.00	4	141.55
CT55200	M20 X 2.50	37.0	112.0	14.00	4	184.19
CT55201	MF20 X 1.50	37.0	112.0	14.00	4	184.19
CT55220	M22 X 2.50	38.0	118.0	16.00	4	219.58
CT55221	MF22 X 1.50	38.0	118.0	16.00	4	219.58
CT55240	M24 X 3.00	45.0	130.0	18.00	4	254.95
CT55241	MF24 X 1.50	45.0	130.0	18.00	4	254.95
CT55270	M27 X 3.00	45.0	135.0	20.00	4	327.56
CT55271	MF27 X 1.50	45.0	135.0	20.00	4	327.56
CT55300	M30 X 3.50	48.0	138.0	20.00	4	378.26
CT55301	MF30 X 1.50	48.0	138.0	20.00	4	378.26

APPLICATION SPECIFIC TAPS - SPIRAL FLUTE - BLUE RING - FERROUS OXIDE  
TARAUDS D'APPLICATION SPECIAL A BAGUE BLEU - GOUJURES HELICOIDALES

CT58



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT58004	4-40 NC	5/8	1-7/8	0.141	3	39.74
CT58006	6-32 NC	11/16	2"	0.141	3	39.74
CT58008	8-32 NC	3/4	2-1/8	0.168	3	49.12
CT58010	10-24 NC	11/16	2-3/8	0.194	3	49.12
CT58113	10-32 NF	11/16	2-3/8	0.194	3	49.12
CT58404	1/4-20 NC	13/16	2-1/2	0.255	3	49.12
CT58504	1/4-28 NF	13/16	2-1/2	0.255	3	49.12
CT58405	5/16-18 NC	7/8	2-23/32	0.318	3	62.84
CT58505	5/16-24 NF	7/8	2-23/32	0.318	3	62.84
CT58406	3/8-16 NC	1"	2-15/16	0.381	3	75.85
CT58506	3/8-24 NF	1"	2-15/16	0.381	3	75.85
CT58407	7/16-14 NC	1-1/16	3-5/32	0.323	3	113.03
CT58408	1/2-13 NC	1-3/16	3-3/8	0.367	3	123.87
CT58508	1/2-20 NF	1-3/16	3-3/8	0.367	3	123.87

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT58410	5/8-11 NC	1-3/8	3-13/16	0.460	3	127.09
CT58510	5/8-18 NF	1-3/8	3-13/16	0.460	3	127.09
CT58412	3/4-10 NC	1-7/16	4-1/4	0.590	3	179.90
CT58512	3/4-16 NF	1-7/16	4-1/4	0.590	3	179.90
CT58414	7/8-9 NC	1-5/8	4-11/16	0.697	3	292.51
CT58514	7/8-14 NF	1-5/8	4-11/16	0.697	3	292.51
CT58416	1"-8 NC	1-3/4	5-1/8	0.800	4	389.32
CT58516	1"-12 NF	1-3/4	5-1/8	0.800	4	389.32
CT58418	1-1/8 7 NC	2-9/16	5-7/16	0.896	4	591.86
CT58518	1-1/8 12NF	2-9/16	5-7/16	0.896	4	591.86
CT58420	1-1/4 7 NC	2-9/16	5-3/4	1.021	4	635.21
CT58520	1-1/4 12NF	2-9/16	5-3/4	1.021	4	635.21
CT58422	1-3/8 6 NC	3"	6-1/16	1.108	4	851.87
CT58522	1-3/8 12NF	3"	6-1/16	1.108	4	851.87

APPLICATION SPECIFIC TAPS - SPIRAL FLUTE - BLUE RING - FERROUS OXIDE  
TARAUDS D'APPLICATION SPECIAL A BAGUE BLEU - GOUJURES HELICOIDALES

CT57



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT57030	M3.0 X 0.50	11.0	48.0	3.15	3	56.72
CT57035	M3.5 X 0.60	13.0	50.0	3.55	3	56.72
CT57040	M4.0 X 0.70	13.0	53.0	4.00	3	56.72
CT57050	M5.0 X 0.80	16.0	58.0	5.00	3	56.72
CT57060	M6.0 X 1.00	19.0	66.0	6.30	3	56.72
CT57070	M7.0 X 1.00	19.0	66.0	7.10	3	87.08
CT57080	MF8 X 1.00	22.0	72.0	8.10	3	87.08
CT57081	MF8 X 1.00	22.0	72.0	8.10	3	87.08
CT57100	M10 X 1.50	24.0	80.0	10.00	3	130.02
CT57101	MF10 X 1.25	24.0	80.0	10.00	3	130.02
CT57120	M12 X 1.75	29.0	89.0	9.00	3	142.29
CT57121	MF12 X 1.25	29.0	89.0	9.00	3	142.29
CT57140	M14 X 2.00	30.0	95.0	11.20	3	179.87
CT57141	MF14 X 1.50	30.0	95.0	11.20	3	179.87
CT57160	M16 X 2.00	32.0	102.0	12.50	3	214.49
CT57161	MF16 X 1.50	32.0	102.0	12.50	3	214.49

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT57180	M18 X 2.50	37.0	112.0	14.00	3	310.54
CT57181	MF18 X 1.50	37.0	112.0	14.00	3	310.54
CT57200	M20 X 2.50	37.0	112.0	14.00	3	366.21
CT57201	MF20 X 1.50	37.0	112.0	14.00	3	366.21
CT57220	M22 X 2.50	38.0	118.0	16.00	3	395.78
CT57221	MF22 X 1.50	38.0	118.0	16.00	3	395.78
CT57240	M24 X 3.00	45.0	130.0	18.00	4	425.44
CT57241	MF24 X 1.50	45.0	130.0	18.00	4	425.44
CT57270	M27 X 3.00	45.0	135.0	20.00	4	690.83
CT57271	MF27 X 1.50	45.0	135.0	20.00	4	690.83
CT57300	M30 X 3.50	48.0	138.0	20.00	4	741.42
CT57301	MF30 X 1.50	48.0	138.0	20.00	4	741.42



**APPLICATION SPECIFIC TAPS - SPIRAL FLUTE - WHITE RING - NITRIDE & FERROUS OXIDE  
TARAUDS D'APPLICATION SPECIAL A BAGUE BLANC - GOUJURES HELICOIDALES**

**CT60**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT60004	4-40 NC	5/8	1-7/8	0.141	3	92.81
CT60006	6-32 NC	11/16	2"	0.141	3	92.81
CT60008	8-32 NC	3/4	2-1/8	0.168	3	92.81
CT60010	10-24 NC	11/16	2-3/8	0.194	3	94.98
CT60110	10-32 NF	11/16	2-3/8	0.194	3	94.98
CT60404	1/4-20 NC	13/16	2-1/2	0.255	3	104.72
CT60504	1/4-28 NF	13/16	2-1/2	0.255	3	104.72
CT60405	5/16-18 NC	7/8	2-23/32	0.318	3	116.73
CT60505	5/16-24 NF	7/8	2-23/32	0.318	3	116.73
CT60406	3/8-16 NC	1"	2-15/16	0.381	4	130.02
CT60506	3/8-24 NF	1"	2-15/16	0.381	4	130.02
CT60407	7/16-14 NC	1-1/16	3-5/32	0.323	4	189.71
CT60408	1/2-13 NC	1-3/16	3-3/8	0.367	4	231.16
CT60508	1/2-20 NF	1-3/16	3-3/8	0.367	4	231.16

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT60410	5/8-11 NC	1-3/8	3-13/16	0.480	4	385.08
CT60510	5/8-18 NF	1-3/8	3-13/16	0.480	4	385.08
CT60412	3/4-10 NC	1-7/16	4-1/4	0.590	4	497.56
CT60512	3/4-16 NF	1-7/16	4-1/4	0.590	4	497.56
CT60414	7/8-9 NC	1-5/8	4-11/16	0.697	4	737.92
CT60514	7/8-14 NF	1-5/8	4-11/16	0.697	4	737.92
CT60416	1"-8 NC	1-3/4	5-1/8	0.800	4	968.43
CT60516	1"-12 NF	1-3/4	5-1/8	0.800	4	968.43
CT60418	1-1/8 7 NC	2-9/16	5-7/16	0.896	4	1479.95
CT60518	1-1/8 12 NF	2-9/16	5-7/16	0.896	4	1479.70
CT60420	1-1/4 7 NC	2-9/16	5-3/4	1.021	4	1588.04
CT60520	1-1/4 12 NF	2-9/16	5-3/4	1.021	4	1588.04
CT60422	1-3/8 6 NC	3"	6-1/16	1.108	4	2129.76
CT60522	1-3/8 12 NF	3"	6-1/16	1.108	4	2129.76

**APPLICATION SPECIFIC TAPS - SPIRAL FLUTE - WHITE RING - NITRIDE & FERROUS OXIDE  
TARAUDS D'APPLICATION SPECIAL A BAGUE BLANC - GOUJURES HELICOIDALES**

**CT59**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT59030	M3.0 X 0.50	11.0	48.0	3.15	3	127.71
CT59035	M3.5 X 0.60	13.0	50.0	3.55	3	127.71
CT59040	M4.0 X 0.70	13.0	53.0	4.00	3	127.71
CT59050	M5.0 X 0.80	16.0	58.0	5.00	3	127.71
CT59060	M6.0 X 1.00	19.0	66.0	6.30	3	127.71
CT59070	M7.0 X 1.00	19.0	66.0	7.10	3	145.43
CT59080	M8.0 X 1.25	22.0	72.0	8.00	3	138.47
CT59081	MF8.0 X 1.00	22.0	72.0	8.10	3	145.43
CT59100	M10 X 1.50	24.0	80.0	10.00	4	195.43
CT59101	MF10 X 1.25	24.0	80.0	10.00	4	195.43
CT59120	M12 X 1.75	29.0	89.0	9.00	4	235.24
CT59121	MF12 X 1.25	29.0	89.0	9.00	4	235.24
CT59140	M14 X 2.00	30.0	95.0	11.20	4	357.33
CT59141	MF14 X 1.50	30.0	95.0	11.20	4	373.13
CT59160	M16 X 2.00	32.0	102.0	12.50	4	416.83

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT59161	MF16 X 1.50	32.0	102.0	12.50	4	438.12
CT59180	M18 X 2.50	37.0	112.0	14.00	4	603.94
CT59181	MF18 X 1.50	37.0	112.0	14.00	4	603.94
CT59200	M20 X 2.50	37.0	112.0	14.00	4	659.78
CT59201	MF20 X 1.50	37.0	112.0	14.00	4	682.80
CT59220	M22 X 2.50	38.0	118.0	16.00	4	775.61
CT59221	MF22 X 1.50	38.0	118.0	16.00	4	814.43
CT59240	M24 X 3.00	45.0	130.0	18.00	4	1027.24
CT59241	MF24 X 1.50	45.0	130.0	18.00	4	1078.65
CT59270	M27 X 3.00	45.0	135.0	20.00	4	1090.41
CT59271	MF27 X 1.50	45.0	135.0	20.00	4	1090.41
CT59300	M30 X 3.50	48.0	138.0	20.00	4	1133.08
CT59301	MF30 X 1.50	48.0	138.0	20.00	4	1133.08

**APPLICATION SPECIFIC TAPS - SPIRAL FLUTE - YELLOW RING - BRIGHT**  
**TARAUDS D'APPLICATION SPECIAL A BAGUE JAUNE - GOIJURES HELICOIDALES**

**CT62**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT62004	4-40 NC	5/8	1-7/8	0.141	2	50.56
CT62006	6-32 NC	11/16	2"	0.141	2	40.29
CT62008	8-32 NC	3/4	2-1/8	0.168	2	40.29
CT62010	10-24 NC	11/16	2-3/8	0.194	2	40.97
CT62110	10-32 NF	11/16	2-3/8	0.194	2	40.97
CT62404	1/4-20NC	13/16	2-1/2	0.255	2	45.33

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT62504	1/4-28NF	13/16	2-1/2	0.255	2	45.33
CT62405	5/16-18	7/8	2-23/32	0.318	2	54.86
CT62505	5/16-24	7/8	2-23/32	0.318	2	54.86
CT62406	3/8-16NC	1"	2-15/16	0.381	3	63.90
CT62506	3/8-24NF	1"	2-15/16	0.381	3	63.90

**APPLICATION SPECIFIC TAPS - SPIRAL FLUTE - YELLOW RING - BRIGHT**  
**TARAUDS D'APPLICATION SPECIAL A BAGUE JAUNE - GOIJURES HELICOIDALES**

**CT61**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT61030	M3.0 X 0.50	15.0	48.0	3.15	2	63.36
CT61040	M4.0 X 0.70	17.0	53.0	4.00	2	63.36
CT61050	M5.0 X 0.80	16.0	58.0	5.00	2	63.36
CT61060	M6.0 X 1.00	19.0	66.0	6.30	2	63.36

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT61080	M8.0 X 1.25	22.0	72.0	8.00	2	97.50
CT61100	M10 X 1.50	24.0	80.0	10.00	3	145.89
CT61101	MF10 X 1.25	24.0	80.0	10.00	3	145.89

**YELLOW RING DIN APPLICATION TAP - SPIRAL POINT**  
**TARAUDS D'APPLICATION DIN A BAGUE JAUNE - ENTREE EN HELICE**

**CT41**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
<b>DIN371</b>						
CT41003	M3.0 X 0.50	10.0	56.0	3.50	2.7	35.43
CT41004	M4.0 X 0.70	12.0	63.0	4.50	3.4	36.47
CT41005	M5.0 X 0.80	14.0	70.0	6.00	4.9	38.38
CT41006	M6.0 X 1.00	16.0	80.0	6.00	4.9	38.63
CT41008	M8.0 X 1.25	18.0	90.0	8.00	6.2	43.20
CT41010	M10.0 X 1.50	20.0	100.0	10.00	8.0	53.39

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
<b>DIN376</b>						
CT41012	M12.0 X 1.75	25.0	110.0	9.00	7.0	66.00
CT41014	M14.0 X 2.00	25.0	110.0	11.00	9.0	80.48
CT41016	M16.0 X 2.00	28.0	110.0	12.00	9.0	96.04
CT41020	M20.0 X 2.50	32.0	140.0	16.00	12.0	142.20

**YELLOW RING DIN APPLICATION TAP - SPIRAL POINT - TiN**  
**TARAUDS D'APPLICATION DIN A BAGUE JAUNE - ENTREE EN HELICE - TiN**

**CT41**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
<b>DIN371</b>						
CT41503	M3.0 X 0.50	10.0	56.0	3.50	2.7	44.80
CT41504	M4.0 X 0.70	12.0	63.0	4.50	3.4	45.87
CT41505	M5.0 X 0.80	14.0	70.0	6.00	4.9	47.76
CT41506	M6.0 X 1.00	16.0	80.0	6.00	4.9	48.03
CT41508	M8.0 X 1.25	18.0	90.0	8.00	6.2	57.94
CT41510	M10.0 X 1.50	20.0	100.0	10.00	8.0	72.16

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
<b>DIN376</b>						
CT41512	M12.0 X 1.75	25.0	110.0	9.00	7.0	84.77
CT41514	M14.0 X 2.00	25.0	110.0	11.00	9.0	99.29
CT41516	M16.0 X 2.00	28.0	110.0	12.00	9.0	128.26
CT41520	M20.0 X 2.50	32.0	140.0	16.00	12.0	187.80



**YELLOW RING DIN APPLICATION TAP - SPIRAL FLUTE**  
**TARAUDS D'APPLICATION DIN A BAGUE JAUNE - GOUJURES HELICOIDALES**

**CT42**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT42003	M3.0 X 0.50	5.0	56.0	3.50	2.7	38.91
CT42004	M4.0 X 0.70	5.0	63.0	4.50	3.4	39.18
CT42005	M5.0 X 0.80	6.5	70.0	6.00	4.9	40.55
CT42006	M6.0 X 1.00	7.0	80.0	6.00	4.9	41.59
CT42008	M8.0 X 1.25	9.0	90.0	8.00	6.2	48.80
CT42010	M10.0 X 1.50	11.0	100.0	10.00	8.0	58.23

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT42012	M12.0 X 1.75	13.0	110.0	9.00	7.0	72.16
CT42014	M14.0 X 2.00	16.5	110.0	11.00	9.0	90.13
CT42016	M16.0 X 2.00	16.5	110.0	12.00	9.0	101.67
CT42020	M20.0 X 2.50	22.0	140.0	16.00	12.0	151.60

**YELLOW RING DIN APPLICATION TAP - SPIRAL FLUTE - TIN**  
**TARAUDS D'APPLICATION DIN A BAGUE JAUNE - GOUJURES HELICOIDALES - TIN**

**CT42**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT42503	M3.0 X 0.50	5.0	56.0	3.50	2.7	48.31
CT42504	M4.0 X 0.70	5.0	63.0	4.50	3.4	48.55
CT42505	M5.0 X 0.80	6.5	70.0	6.00	4.9	50.18
CT42506	M6.0 X 1.00	7.0	80.0	6.00	4.9	50.98
CT42508	M8.0 X 1.25	9.0	90.0	8.00	6.2	63.59
CT42510	M10.0 X 1.50	11.0	100.0	10.00	8.0	77.00

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT42512	M12.0 X 1.75	13.0	110.0	9.00	7.0	90.95
CT42514	M14.0 X 2.00	16.5	110.0	11.00	9.0	108.92
CT42516	M16.0 X 2.00	16.5	110.0	12.00	9.0	133.89
CT42520	M20.0 X 2.50	22.0	140.0	16.00	12.0	197.19

**RED RING DIN APPLICATION TAP - SPIRAL POINT**  
**TARAUDS D'APPLICATION DIN A BAGUE ROUGE - ENTREE EN HELICE**

**CT43**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT43003	M3.0 X 0.50	10.0	56.0	3.50	2.7	44.53
CT43004	M4.0 X 0.70	12.0	63.0	4.50	3.4	45.06
CT43005	M5.0 X 0.80	14.0	70.0	6.00	4.9	47.21
CT43006	M6.0 X 1.00	16.0	80.0	6.00	4.9	48.03
CT43008	M8.0 X 1.25	18.0	90.0	8.00	6.2	55.26
CT43010	M10.0 X 1.50	20.0	100.0	10.00	8.0	60.23

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT43012	M12.0 X 1.75	25.0	110.0	9.00	7.0	82.37
CT43014	M14.0 X 2.00	25.0	110.0	11.00	9.0	104.35
CT43016	M16.0 X 2.00	28.0	110.0	12.00	9.0	115.82
CT43020	M20.0 X 2.50	32.0	140.0	16.00	12.0	172.50

RED RING DIN APPLICATION TAP - SPIRAL POINT - TiCN  
 TARAUDS D'APPLICATION DIN A BAGUE ROUGE - ENTREE EN HELICE - TiCN

CT43



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT43503	M3.0 X 0.50	10.0	56.0	3.50	2.7	59.30
CT43504	M4.0 X 0.70	12.0	63.0	4.50	3.4	59.85
CT43505	M5.0 X 0.80	14.0	70.0	6.00	4.9	61.96
CT43506	M6.0 X 1.00	16.0	80.0	6.00	4.9	62.78
CT43508	M8.0 X 1.25	18.0	90.0	8.00	6.2	78.09
CT43510	M10.0 X 1.50	20.0	100.0	10.00	8.0	88.41

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT43512	M12.0 X 1.75	25.0	110.0	9.00	7.0	110.52
CT43514	M14.0 X 2.00	25.0	110.0	11.00	9.0	132.52
CT43516	M16.0 X 2.00	28.0	110.0	12.00	9.0	163.93
CT43520	M20.0 X 2.50	32.0	140.0	16.00	12.0	242.27

RED RING DIN APPLICATION TAP - SPIRAL FLUTE  
 TARAUDS D'APPLICATION DIN A BAGUE ROUGE - GOUJURES HELICOIDALES

CT44



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT44003	M3.0 X 0.50	5.0	56.0	3.50	2.7	47.76
CT44004	M4.0 X 0.70	5.0	63.0	4.50	3.4	49.12
CT44005	M5.0 X 0.80	6.5	70.0	6.00	4.9	50.44
CT44006	M6.0 X 1.00	7.0	80.0	6.00	4.9	51.79
CT44008	M8.0 X 1.25	9.0	90.0	8.00	6.2	60.23
CT44010	M10.0 X 1.50	11.0	100.0	10.00	8.0	73.78

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT44012	M12.0 X 1.75	13.0	110.0	9.00	7.0	88.53
CT44014	M14.0 X 2.00	16.5	110.0	11.00	9.0	112.90
CT44016	M16.0 X 2.00	16.5	110.0	12.00	9.0	123.40
CT44020	M20.0 X 2.50	22.0	140.0	16.00	12.0	182.44

RED RING DIN APPLICATION TAP - SPIRAL FLUTE - TiCN  
 TARAUDS D'APPLICATION DIN A BAGUE ROUGE - GOUJURES HELICOIDALES - TiCN

CT44



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT44503	M3.0 X 0.50	5.0	56.0	3.50	2.7	62.50
CT44504	M4.0 X 0.70	5.0	63.0	4.50	3.4	63.87
CT44505	M5.0 X 0.80	6.5	70.0	6.00	4.9	65.22
CT44506	M6.0 X 1.00	7.0	80.0	6.00	4.9	66.53
CT44508	M8.0 X 1.25	9.0	90.0	8.00	6.2	83.07
CT44510	M10.0 X 1.50	11.0	100.0	10.00	8.0	101.93

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT44512	M12.0 X 1.75	13.0	110.0	9.00	7.0	119.63
CT44514	M14.0 X 2.00	16.5	110.0	11.00	9.0	140.85
CT44516	M16.0 X 2.00	16.5	110.0	12.00	9.0	173.96
CT44520	M20.0 X 2.50	22.0	140.0	16.00	12.0	252.20



**VIOLET RING DIN APPLICATION TAP - SPIRAL POINT**  
**TARAUDS D'APPLICATION DIN A BAGUE VIOLET - ENTREE EN HELICE**

**CT45**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT45003	M3.0 X 0.50	10.0	56.0	3.50	2.7	40.53
CT45004	M4.0 X 0.70	12.0	63.0	4.50	3.4	41.06
CT45005	M5.0 X 0.80	14.0	70.0	6.00	4.9	42.91
CT45006	M6.0 X 1.00	16.0	80.0	6.00	4.9	43.71
CT45008	M8.0 X 1.25	18.0	90.0	8.00	6.2	50.16
CT45010	M10.0 X 1.50	20.0	100.0	10.00	8.0	60.38

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT45012	M12.0 X 1.75	25.0	110.0	9.00	7.0	74.83
CT45014	M14.0 X 2.00	25.0	110.0	11.00	9.0	94.97
CT45016	M16.0 X 2.00	28.0	110.0	12.00	9.0	105.17
CT45020	M20.0 X 2.50	32.0	140.0	16.00	12.0	156.93

**VIOLET RING DIN APPLICATION TAP - SPIRAL POINT - TiCN**  
**TARAUDS D'APPLICATION DIN A BAGUE VIOLET - ENTREE EN HELICE - TiCN**

**CT45**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT45503	M3.0 X 0.50	10.0	56.0	3.50	2.7	55.26
CT45504	M4.0 X 0.70	12.0	63.0	4.50	3.4	55.84
CT45505	M5.0 X 0.80	14.0	70.0	6.00	4.9	57.69
CT45506	M6.0 X 1.00	16.0	80.0	6.00	4.9	58.49
CT45508	M8.0 X 1.25	18.0	90.0	8.00	6.2	72.98
CT45510	M10.0 X 1.50	20.0	100.0	10.00	8.0	88.53

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT45512	M12.0 X 1.75	25.0	110.0	9.00	7.0	103.04
CT45514	M14.0 X 2.00	25.0	110.0	11.00	9.0	123.15
CT45516	M16.0 X 2.00	28.0	110.0	12.00	9.0	153.48
CT45520	M20.0 X 2.50	32.0	140.0	16.00	12.0	226.70

**VIOLET RING DIN APPLICATION TAP - SPIRAL FLUTE**  
**TARAUDS D'APPLICATION DIN A BAGUE VIOLET - GOUJURES HELICOIDALES**

**CT46**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN371						
CT46003	M3.0 X 0.50	5.0	56.0	3.50	2.7	43.47
CT46004	M4.0 X 0.70	5.0	63.0	4.50	3.4	44.98
CT46005	M5.0 X 0.80	6.5	70.0	6.00	4.9	45.87
CT46006	M6.0 X 1.00	7.0	80.0	6.00	4.9	46.95
CT46008	M8.0 X 1.25	9.0	90.0	8.00	6.2	54.73
CT46010	M10.0 X 1.50	11.0	100.0	10.00	8.0	67.10

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
DIN376						
CT46012	M12.0 X 1.75	13.0	110.0	9.00	7.0	60.48
CT46014	M14.0 X 2.00	16.5	110.0	11.00	9.0	102.90
CT46016	M16.0 X 2.00	16.5	110.0	12.00	9.0	112.47
CT46020	M20.0 X 2.50	22.0	140.0	16.00	12.0	167.66

## VIOLET RING DIN APPLICATION TAP - SPIRAL FLUTE - TiCN

## TARAUDS D'APPLICATION DIN A BAGUE VIOLET - GOUJURES HELICOIDALES - TiCN

CT46



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ AF CARR	\$ EA \$ CH
DIN371						
CT46503	M3.0 X 0.50	5.0	56.0	3.50	2.7	58.23
CT46504	M4.0 X 0.70	5.0	63.0	4.50	3.4	59.30
CT46505	M5.0 X 0.80	6.5	70.0	6.00	4.9	61.10
CT46506	M6.0 X 1.00	7.0	80.0	6.00	4.9	61.76
CT46508	M8.0 X 1.25	9.0	90.0	8.00	6.2	77.53
CT46510	M10.0 X 1.50	11.0	100.0	10.00	8.0	95.22

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ AF CARR	\$ EA \$ CH
DIN376						
CT46512	M12.0 X 1.75	13.0	110.0	9.00	7.0	108.66
CT46514	M14.0 X 2.00	16.5	110.0	11.00	9.0	128.57
CT46516	M16.0 X 2.00	16.5	110.0	12.00	9.0	160.97
CT46520	M20.0 X 2.50	22.0	140.0	16.00	12.0	237.44

## GREEN RING DIN APPLICATION TAP - SPIRAL POINT

## TARAUDS D'APPLICATION DIN A BAGUE VERT - ENTREE EN HELICE

CT48



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ AF CARR	\$ EA \$ CH
DIN371						
CT48003	M3.0 X 0.50	10.0	56.0	3.50	2.7	51.94
CT48004	M4.0 X 0.70	12.0	63.0	4.50	3.4	51.50
CT48005	M5.0 X 0.80	14.0	70.0	6.00	4.9	49.61
CT48006	M6.0 X 1.00	16.0	80.0	6.00	4.9	50.69
CT48008	M8.0 X 1.25	18.0	90.0	8.00	6.2	57.69
CT48010	M10.0 X 1.50	20.0	100.0	10.00	8.0	65.75

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ AF CARR	\$ EA \$ CH
DIN376						
CT48012	M12.0 X 1.75	25.0	110.0	9.00	7.0	89.86
CT48014	M14.0 X 2.00	25.0	110.0	11.00	9.0	119.24
CT48016	M16.0 X 2.00	28.0	110.0	12.00	9.0	135.21
CT48020	M20.0 X 2.50	32.0	140.0	16.00	12.0	201.23

## GREEN RING DIN APPLICATION TAP - SPIRAL FLUTE

## TARAUDS D'APPLICATION DIN A BAGUE VERT - GOUJURES HELICOIDALES

CT48



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ AF CARR	\$ EA \$ CH
DIN371						
CT48503	M3.0 X 0.50	10.0	56.0	3.50	2.7	40.27
CT48504	M4.0 X 0.70	12.0	63.0	4.50	3.4	40.53
CT48505	M5.0 X 0.80	14.0	70.0	6.00	4.9	42.13
CT48506	M6.0 X 1.00	16.0	80.0	6.00	4.9	42.91
CT48508	M8.0 X 1.25	18.0	90.0	8.00	6.2	50.18
CT48510	M10.0 X 1.50	20.0	100.0	10.00	8.0	59.55

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ AF CARR	\$ EA \$ CH
DIN376						
CT48512	M12.0 X 1.75	25.0	110.0	9.00	7.0	74.83
CT48514	M14.0 X 2.00	25.0	110.0	11.00	9.0	92.83
CT48516	M16.0 X 2.00	28.0	110.0	12.00	9.0	104.35
CT48520	M20.0 X 2.50	32.0	140.0	16.00	12.0	154.27



**WHITE RING DIN APPLICATION TAP - STRAIGHT FLUTE - NITRIDE**  
**TARAUDS D'APPLICATION DIN A BAGUE BLANC - GOUJURES DROITES - NITRURE**

**CT47**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
<b>DIN371</b>						
CT47003	M3.0 X 0.50	10.0	56.0	3.50	2.7	37.29
CT47004	M4.0 X 0.70	12.0	63.0	4.50	3.4	37.83
CT47005	M5.0 X 0.80	14.0	70.0	6.00	4.9	39.72
CT47006	M6.0 X 1.00	16.0	80.0	6.00	4.9	39.96
CT47008	M8.0 X 1.25	18.0	90.0	8.00	6.2	44.53
CT47010	M10.0 X 1.50	20.0	100.0	10.00	8.0	54.73

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
<b>DIN376</b>						
CT47012	M12.0 X 1.75	25.0	110.0	9.00	7.0	68.13
CT47014	M14.0 X 2.00	25.0	110.0	11.00	9.0	82.89
CT47016	M16.0 X 2.00	28.0	110.0	12.00	9.0	98.72
CT47020	M20.0 X 2.50	32.0	140.0	16.00	12.0	136.85

**BLACK RING DIN APPLICATION TAP - STRAIGHT FLUTE - NITRIDE**  
**TARAUDS D'APPLICATION DIN A BAGUE NOIR - GOUJURES DROITES - NITRURE**

**CT47**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
<b>DIN371</b>						
CT47503	M3.0 X 0.50	10.0	56.0	3.50	2.7	40.27
CT47504	M4.0 X 0.70	12.0	63.0	4.50	3.4	41.59
CT47505	M5.0 X 0.80	14.0	70.0	6.00	4.9	43.71
CT47506	M6.0 X 1.00	16.0	80.0	6.00	4.9	44.00
CT47508	M8.0 X 1.25	18.0	90.0	8.00	6.2	52.30
CT47510	M10.0 X 1.50	20.0	100.0	10.00	8.0	65.75

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	SQ A/F CARR	\$ EA \$ CH
<b>DIN376</b>						
CT47512	M12.0 X 1.75	25.0	110.0	9.00	7.0	77.53
CT47514	M14.0 X 2.00	25.0	110.0	11.00	9.0	91.22
CT47516	M16.0 X 2.00	28.0	110.0	12.00	9.0	108.64
CT47520	M20.0 X 2.50	32.0	140.0	16.00	12.0	150.53

**WARWICK TAPER PIPE TAPS - HSS - GROUND THREAD - NPT**  
**TARAUDS CONIQUE WARWICK - ACIER RAPIDE - FILETS RECTIFIES - NPT**

**CT10**



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT10001	1/16-27 NPT	11/16	2-1/8	0.31	3.0	29.31
CT10002	1/8-27 NPT	3/4	2-1/8	0.44	3.0	29.31
CT10004	1/4-18 NPT	1-1/16	2-7/16	0.56	5.0	35.83
CT10006	3/8-18 NPT	1-1/16	2-9/16	0.70	5.0	45.61
CT10008	1/2-14 NPT	1-3/8	3-1/8	0.69	5.0	68.38
CT10012	3/4-14 NPT	1-3/8	3-1/4	0.91	5.0	100.98
CT10016	1"-11.5 NPT	1-3/4	3-3/4	1.13	5.0	151.47
CT10020	1-1/4 11.5 NPT	1-3/4	4"	1.31	7.0	239.42
CT10024	1-1/2 11.5 NPT	1-3/4	4-1/4	1.50	7.0	286.66
CT10032	2"-11.5 NPT	1-3/4	4-1/2	1.88	7.0	358.33
<b>SET</b>		<b>INCLUDES</b>				
CT10107	7 PC	1/16-27 TO 1"-11.5 NPT				478.40

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
<b>INTERUPTED</b>						
CT10502	1/8-27 NPT	3/4	2-1/8	0.44	3.0	65.14
CT10504	1/4-18 NPT	1-1/16	2-7/16	0.56	5.0	71.67
CT10506	3/8-18 NPT	1-1/16	2-9/16	0.70	5.0	91.20
CT10508	1/2-14 NPT	1-3/8	3-1/8	0.69	5.0	144.95
CT10512	3/4-14 NPT	1-3/8	3-1/4	0.91	5.0	159.59
CT10516	1"-11.5 NPT	1-3/4	3-3/4	1.13	5.0	315.97
CT10520	1-1/4 11.5 NPT	1-3/4	4"	1.31	7.0	423.49
CT10524	1-1/2 11.5 NPT	1-3/4	4-1/4	1.50	7.0	521.21
CT10532	2"-11.5 NPT	1-3/4	4-1/2	1.88	7.0	749.25

**WARWICK TAPER PIPE TAPS - HSS - GROUND THREAD - NPTF DRYSEAL**  
**TARAUDS CONIQUE WARWICK - ACIER RAPIDE - FILETS RECTIFIES - NPTF DRYSEAL**

CT10



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT10701	1/16-27 NPTF	11/16	2-1/8	0.312	3	71.58
CT10702	1/8-27 NPTF	3/4	2-1/8	0.437	3	70.81
CT10704	1/4-18 NPTF	1-1/16	2-7/16	0.562	5	75.58
CT10706	3/8-18 NPTF	1-1/16	2-9/16	0.700	5	111.67

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT10708	1/2-14 NPTF	1-3/8	3-1/8	0.687	5	129.93
CT10712	3/4-14 NPTF	1-3/8	3-1/4	0.906	5	164.20
CT10716	1"-11.5 NPTF	1-3/4	3-3/4	1.125	5	286.49
CT10720	1-1/4 11.5 NPTF	1-3/4	4"	1.312	7	448.86

**TAPER PIPE TAPS - HSS GROUND THREAD - BSPT**  
**TARAUDS CONIQUE - ACIER RAPIDE - FILETS RECTIFIES - BSPT**

CT12



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT12002	1/8-28 BSPT	15.0	59.0	8.0	3	59.09
CT12004	1/4-19 BSPT	19.0	67.0	10.0	5	63.19
CT12006	3/8-19 BSPT	21.0	75.0	12.5	5	93.07
CT12008	1/2-14 BSPT	26.0	87.0	16.0	5	108.06
CT12012	3/4-14 BSPT	28.0	96.0	20.0	5	136.90

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT12016	1"-11 BSPT	33.0	109.0	25.0	5	239.05
CT12020	1-1/4 11 BSPT	36.0	119.0	31.5	7	372.24
CT12024	1-1/2 11 BSPT	37.0	125.0	35.5	7	474.43
CT12032	2"-11 BSPT	41.0	140.0	40.0	7	686.11

**WARWICK STRAIGHT PIPE TAPS - HSS - GROUND THREAD - NPS**  
**TARAUDS AU PAS DU GAZ WARWICK - ACIER RAPIDE - FILETS RECTIFIES - NPS**

CT11



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT11008	1/8-27 NPS	3/4	2-1/8	0.437	4	46.35
CT11016	1/4-18 NPS	1-1/16	2-7/16	0.562	4	64.22
CT11024	3/8-18 NPS	1-1/16	2-9/16	0.700	4	98.19

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT11032	1/2-14 NPS	1-3/8	3-1/8	0.687	4	134.69
CT11048	3/4-14 NPS	1-3/8	3-1/4	0.906	4	188.00
CT11100	1"-11.5 NPS	1-3/4	3-3/4	1.125	6	354.00

**WARWICK STRAIGHT PIPE TAPS - HSS - GROUND THREAD - NPSF DRYSEAL**  
**TARAUDS AU PAS DU GAZ WARWICK - ACIER RAPIDE - FILETS RECTIFIES - NPSF DRYSEAL**

CT11



CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT11408	1/8-27 NPSF	3/4	2-1/8	0.437	4	46.35
CT11416	1/4-18 NPSF	1-1/16	2-7/16	0.562	4	64.22
CT11424	3/8-18 NPSF	1-1/16	2-9/16	0.700	4	98.19

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT11432	1/2-14 NPSF	1-3/8	3-1/8	0.69	4	134.69
CT11448	3/4-14 NPSF	1-3/8	3-1/4	0.91	4	188.00
CT11464	1"-11.5 NPSF	1-3/4	3-3/4	1.13	6	354.00



**STRAIGHT PIPE TAPS - HSS GROUND THREAD - BSPF  
TARAUDS PAS DU GAZ - ACIER RAPIDE - FILETS RECTIFIES - BSPF**

**CT13**



TAPS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT13002	1/8-28 BSPF	15.0	59.0	8.000	4	25.96
CT13004	1/4-19 BSPF	19.0	67.0	10.000	4	35.75
CT13006	3/8-19 BSPF	21.0	75.0	12.500	4	54.73
CT13008	1/2-14 BSPF	26.0	87.0	16.000	4	74.81
CT13010	5/8-14 BSPF	26.0	91.0	18.000	4	106.94
CT13012	3/4-14 BSPF	28.0	96.0	20.000	4	104.79

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT13014	7/8-14 BSPF	29.0	102.0	22.400	4	172.96
CT13016	1"-11 BSPF	33.0	109.0	25.000	6	186.14
CT13020	1-1/4 11 BSPF	36.0	119.0	31.500	6	310.23
CT13024	1-1/2 11 BSPF	37.0	126.0	35.500	6	383.21
CT13028	1-3/4 11 BSPF	39.0	132.0	35.500	6	554.69
CT13032	2"-11 BSPF	41.0	140.0	40.000	6	594.89

**BRIGHT MERLIN - TAPER PIPE TAP - NPT  
TARAUDS A MACHINE BRIGHT MERLIN - NPT**

**CT80**



TARAUDS

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT80602	1/8-27 NPT	3/4	2-1/8	0.437	4	88.35
CT80604	1/4-18 NPT	1-1/16	2-7/16	0.562	4	101.59
CT80606	3/8-18 NPT	1-1/16	2-9/16	0.700	4	133.53

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLUTE CANN	\$ EA \$ CH
CT80608	1/2-14 NPT	1-3/8	3-1/8	0.687	4	210.19
CT80612	3/4-14 NPT	1-3/8	3-1/4	0.906	5	306.41
CT80616	1"-11.5 NPT	1-3/4	3-3/4	1.125	5	435.28

# DIES

# FILIÈRES



**HSS ROUND DIES - NC & NF**  
**FILIERES RONDES - ACIER RAPIDE - NC & NF**

**TA25**



**HSS**

**DIES**

CODE	SIZE	DIA	THICKNESS	\$ EA	CODE	SIZE	DIA	THICKNESS	\$ EA
TA25030	0-80 NF	13/16	1/4	52.11	TA25407	7/16-14 NC	1-5/16	7/16	105.86
TA25001	1-64 NC	13/16	1/4	52.11	TA25507	7/16-14 NC	1-1/2	1/2	105.86
TA25031	1-72 NF	13/16	1/4	52.11	TA25437	7/16-20 NF	1-5/16	7/16	105.86
TA25002	2-56 NC	13/16	1/4	52.11	TA25537	7/16-20 NF	1-1/2	1/2	105.86
TA25032	2-64 NF	13/16	1/4	52.11	TA25408	1/2-13 NC	1-5/16	7/16	105.86
TA25003	3-48 NC	13/16	1/4	52.11	TA25508	1/2-13 NC	1-1/2	1/2	105.86
TA25033	3-56 NF	13/16	1/4	52.11	TA25608	1/2-13 NC	2"	5/8	185.67
TA25004	4-40 NC	13/16	1/4	52.11	TA25438	1/2-20 NF	1-5/16	7/16	105.86
TA25034	4-48 NF	13/16	1/4	52.11	TA25538	1/2-20 NF	1-1/2	1/2	105.86
TA25005	5-40 NC	13/16	1/4	52.11	TA25638	1/2-20 NF	2"	5/8	185.67
TA25035	5-44 NF	13/16	1/4	52.11	TA25409	9/16-12 NC	1-5/16	7/16	105.86
TA25006	6-32 NC	13/16	1/4	52.11	TA25509	9/16-12 NC	1-1/2	1/2	105.86
TA25036	6-40 NF	13/16	1/4	52.11	TA25609	9/16-12 NC	2"	5/8	185.67
TA25008	8-32 NC	13/16	1/4	52.11	TA25439	9/16-18 NF	1-5/16	7/16	105.86
TA25038	8-36 NF	13/16	1/4	52.11	TA25539	9/16-18 NF	1-1/2	1/2	105.86
TA25010	10-24 NC	13/16	1/4	52.11	TA25639	9/16-18 NF	2"	5/8	185.67
TA25040	10-32 NF	13/16	1/4	52.11	TA25510	5/8-11 NC	1-1/2	1/2	105.86
TA25012	12-24 NC	13/16	1/4	52.11	TA25610	5/8-11 NC	2"	5/8	185.67
TA25042	12-28 NF	13/16	1/4	52.11	TA25540	5/8-18 NF	1-1/2	1/2	105.86
TA25204	1/4-20 NC	13/16	1/4	52.11	TA25640	5/8-18 NF	2"	5/8	185.67
TA25304	1/4-20 NC	1"	3/8	65.14	TA25512	3/4-10 NC	1-1/2	1/2	105.86
TA25404	1/4-20 NC	1-5/16	7/16	105.86	TA25612	3/4-10 NC	2"	5/8	185.67
TA25234	1/4-28 NF	13/16	1/4	52.11	TA25542	3/4-16 NF	1-1/2	1/2	105.86
TA25334	1/4-28 NF	1"	3/8	65.14	TA25642	3/4-16 NF	2"	5/8	185.67
TA25434	1/4-28 NF	1-5/16	7/16	105.86	TA25614	7/8-9 NC	2"	5/8	185.67
TA25305	5/16-18 NC	1"	3/8	65.14	TA25644	7/8-14 NF	2"	5/8	185.67
TA25405	5/16-18 NC	1-5/16	7/16	105.86	TA25616	1"-8 NC	2"	5/8	185.67
TA25335	5/16-24 NF	1"	3/8	65.14	TA25716	1"-8 NC	3"	7/8	328.85
TA25435	5/16-24 NF	1-5/16	7/16	105.86	TA25646	1"-12 NF	2"	5/8	185.67
TA25306	3/8-16 NC	1"	3/8	65.14	TA25746	1"-12 NF	3"	7/8	328.85
TA25406	3/8-16 NC	1-5/16	7/16	105.86	TA25718	1-1/8 7 NC	3"	7/8	328.85
TA25506	3/8-16 NC	1-1/2	1/2	105.86	TA25748	1-1/8 12 NF	3"	7/8	328.85
TA25336	3/8-24 NF	1"	3/8	65.14	TA25720	1-1/4 7 NC	3"	7/8	328.85
TA25436	3/8-24 NF	1-5/16	7/16	105.86	TA25750	1-1/4 12 NF	3"	7/8	328.85
TA25536	3/8-24 NF	1-1/2	1/2	105.86	TA25722	1-3/8 6 NC	3"	7/8	328.85
					TA25752	1-3/8 12 NF	3"	7/8	328.85
					TA25724	1-1/2 6 NC	3"	7/8	328.85
					TA25754	1-1/2 12 NF	3"	7/8	328.85

**FILIERES**

HSS ROUND DIES - METRIC - NC & NF  
 FILIERES RONDES - ACIER RAPIDE - METRIQUE - NC & NF

TA40



HSS

DIES

CODE	SIZE	DIA	THICKNESS	\$ EA
TA40114	M1.4 X 0.30	13/16	1/4	46.40
TA40116	M1.6 X 0.35	13/16	1/4	46.40
TA40118	M1.8 X 0.35	13/16	1/4	46.40
TA40120	M2.0 X 0.40	13/16	1/4	46.40
TA40122	M2.2 X 0.45	13/16	1/4	46.40
TA40125	M2.5 X 0.45	13/16	1/4	46.40
TA40130	M3.0 X 0.50	13/16	1/4	46.40
TA41003	MF3.0 X 0.35	13/16	1/4	88.07
TA40135	M3.5 X 0.60	13/16	1/4	46.40
TA40140	M4.0 X 0.70	13/16	1/4	46.40
TA40340	M4.0 X 0.70	1"	3/8	57.81
TA41004	MF4.0 X 0.50	13/16	1/4	88.07
TA40145	M4.5 X 0.75	13/16	1/4	46.40
TA40150	M5.0 X 0.80	13/16	1/4	46.40
TA40350	M5.0 X 0.80	1"	3/8	57.81
TA41005	MF5.0 X 0.50	13/16	1/4	88.07
TA40160	M6.0 X 1.00	13/16	1/4	46.40
TA40360	M6.0 X 1.00	1"	3/8	57.81
TA40560	M6.0 X 1.00	1-5/16	7/16	92.83
TA41006	MF6.0 X 0.75	13/16	1/4	88.07
TA40170	M7.0 X 1.00	13/16	1/4	46.40
TA40370	M7.0 X 1.00	1"	3/8	57.81
TA40570	M7.0 X 1.00	1-5/16	7/16	92.83
TA40308	M8.0 X 1.25	1"	3/8	57.81
TA40508	M8.0 X 1.25	1-5/16	7/16	92.83
TA41108	MF8.0 X 1.00	1"	3/8	100.28
TA40309	M9.0 X 1.25	1"	3/8	57.81
TA40509	M9.0 X 1.25	1-5/16	7/16	92.83
TA40310	M10.0 X 1.50	1"	3/8	57.81
TA40510	M10.0 X 1.50	1-5/16	7/16	92.83
TA40710	M10.0 X 1.50	1-1/2	1/2	92.83
TA41010	MF10.0 X 1.00	1"	3/8	100.28
TA41110	MF10.0 X 1.25	1"	3/8	100.28

CODE	SIZE	DIA	THICKNESS	\$ EA
TA40511	M11.0 X 1.50	1-5/16	7/16	92.83
TA40711	M11.0 X 1.50	1-1/2	1/2	92.83
TA40513	M12.0 X 1.75	1-5/16	7/16	92.83
TA40713	M12.0 X 1.75	1-1/2	1/2	92.83
TA40913	M12.0 X 1.75	2"	5/8	146.58
TA41012	MF12.0 X 1.25	1-5/16	7/16	151.69
TA40514	M14.0 X 2.00	1-5/16	7/16	92.83
TA40714	M14.0 X 2.00	1-1/2	1/2	92.83
TA40914	M14.0 X 2.00	2"	5/8	146.58
TA41014	MF14.0 X 1.50	1-5/16	7/16	151.69
TA40716	M16.0 X 2.00	1-1/2	1/2	92.83
TA40916	M16.0 X 2.00	2"	5/8	146.58
TA41016	MF16.0 X 1.50	1-1/2	1/2	186.76
TA40718	M18.0 X 2.50	1-1/2	1/2	92.83
TA40918	M18.0 X 2.50	2"	5/8	146.58
TA41018	MF18.0 X 1.50	1-1/2	1/2	186.76
TA40720	M20.0 X 2.50	1-1/2	1/2	92.83
TA40920	M20.0 X 2.50	2"	5/8	146.58
TA41020	MF20.0 X 1.50	2"	5/8	280.53
TA40922	M22.0 X 2.50	2"	5/8	146.58
TA41022	MF22.0 X 1.50	2"	5/8	280.53
TA40924	M24.0 X 3.00	2"	5/8	146.58
TA41024	MF24.0 X 2.00	2"	5/8	280.53
TA41025	MF25.0 X 1.50	2"	5/8	280.53
TA40927	M27.0 X 3.00	3"	7/8	293.95
TA41027	MF27.0 X 2.00	3"	7/8	587.17
TA40930	M30.0 X 3.50	3"	7/8	293.95
TA41030	MF30.0 X 2.00	3"	7/8	587.17
TA41032	MF32.0 X 1.50	3"	7/8	587.17
TA40933	M33.0 X 3.50	3"	7/8	293.95
TA40936	M36.0 X 4.00	3"	7/8	293.95
TA40939	M39.0 X 4.00	3"	7/8	293.95

FILIERES



**HSS ROUND DIES - BSW**  
**FILIERES RONDES - ACIER RAPIDE - BSW**

**TA42**



**BSW**

CODE	SIZE	DIA	THICKNESS	\$ EA
TA42004	1/16-80 BSW	13/16	1/4	146.78
TA42006	3/32-48 BSW	13/16	1/4	146.78
TA42008	1/8-40 BSW	13/16	1/4	89.69
TA42010	5/32-32 BSW	13/16	1/4	121.50
TA42012	3/16-24 BSW	13/16	1/4	89.69
TA42014	7/32-24 BSW	13/16	1/4	121.50
TA42016	1/4-20 BSW	13/16	1/4	70.95
TA42116	1/4-20 BSW	1"	3/8	83.21
TA42216	1/4-20 BSW	1-5/16	7/16	154.16
TA42120	5/16-18 BSW	1"	3/8	83.21
TA42220	5/16-18 BSW	1-5/16	7/16	154.16
TA42124	3/8-16 BSW	1"	3/8	83.21
TA42224	3/8-16 BSW	1-5/16	7/16	125.63
TA42324	3/8-16 BSW	1-1/2	1/2	192.43
TA42228	7/16-14 BSW	1-5/16	7/16	125.63
TA42328	7/16-14 BSW	1-1/2	1/2	192.43
TA42232	1/2-12 BSW	1-5/16	7/16	125.63
TA42332	1/2-12 BSW	1-1/2	1/2	149.25
TA42432	1/2-12 BSW	2"	5/8	280.53

CODE	SIZE	DIA	THICKNESS	\$ EA
TA42236	9/16-12 BSW	1-5/16	7/16	154.16
TA42336	9/16-12 BSW	1-1/2	1/2	192.43
TA42436	9/16-12 BSW	2"	5/8	280.53
TA42340	5/8-11 BSW	1-1/2	1/2	149.25
TA42440	5/8-11 BSW	2"	5/8	221.83
TA42348	3/4-10 BSW	1-1/2	1/2	192.43
TA42448	3/4-10 BSW	2"	5/8	221.83
TA42456	7/8-9 BSW	2"	5/8	280.53
TA42484	1"-8 BSW	2"	5/8	280.53
TA42564	1"-8 BSW	3"	7/8	481.15
TA42572	1-1/8 7 BSW	3"	7/8	481.15
TA42580	1-1/4 7 BSW	3"	7/8	481.15
TA42596	1-1/2 6 BSW	3"	7/8	481.15

**HSS ROUND DIES - BSF**  
**FILIERES RONDES - ACIER RAPIDE - BSF**

**TA43**



**BSF**

CODE	SIZE	DIA	THICKNESS	\$ EA
TA43006	3/16-32 BSF	13/16	1/4	89.69
TA43016	1/4-26 BSF	13/16	1/4	70.95
TA43116	1/4-26 BSF	1"	3/8	83.21
TA43216	1/4-26 BSF	1-5/16	7/16	154.16
TA43120	5/16-22 BSF	1"	3/8	83.21
TA43220	5/16-22 BSF	1-5/16	7/16	154.16
TA43124	3/8-20 BSF	1"	3/8	83.21
TA43224	3/8-20 BSF	1-5/16	7/16	125.63
TA43324	3/8-20 BSF	1-1/2	1/2	192.43
TA43228	7/16-18 BSF	1-5/16	7/16	125.63
TA43328	7/16-18 BSF	1-1/2	1/2	192.43
TA43232	1/2-16 BSF	1-5/16	7/16	125.63
TA43332	1/2-16 BSF	1-1/2	1/2	149.25
TA43432	1/2-16 BSF	2"	5/8	280.53

CODE	SIZE	DIA	THICKNESS	\$ EA
TA43236	9/16-16 BSF	1-5/16	7/16	154.16
TA43336	9/16-16 BSF	1-1/2	1/2	192.43
TA43436	9/16-16 BSF	2"	5/8	280.53
TA43340	5/8-14 BSF	1-1/2	1/2	149.25
TA43440	5/8-14 BSF	2"	5/8	221.83
TA43348	3/4-12 BSF	1-1/2	1/2	192.43
TA43448	3/4-12 BSF	2"	5/8	221.83
TA43456	7/8-11 BSF	2"	5/8	280.53
TA43464	1"-10 BSF	2"	5/8	280.53
TA43564	1"-10 BSF	3"	7/8	481.15
TA43572	1-1/8 9 BSF	3"	7/8	481.15
TA43580	1-1/4 9 BSF	3"	7/8	481.15
TA43596	1-1/2 8 BSF	3"	7/8	481.15

HSS ROUND DIES - BA  
FILIERES RONDES - ACIER RAPIDE - BA

TA44



BA

CODE	SIZE	DIA	THICKNESS	\$ EA
TA44012	12 X 0.28 BA	13/16	1/4	228.30
TA44010	10 X 0.35 BA	13/16	1/4	154.96
TA44009	9 X 0.39 BA	13/16	1/4	154.96
TA44008	8 X 0.43 BA	13/16	1/4	130.49
TA44007	7 X 0.48 BA	13/16	1/4	130.49
TA44006	6 X 0.53 BA	13/16	1/4	97.89
TA44005	5 X 0.59 BA	13/16	1/4	97.89
TA44004	4 X 0.66 BA	13/16	1/4	97.89
TA44003	3 X 0.73 BA	13/16	1/4	130.49

CODE	SIZE	DIA	THICKNESS	\$ EA
TA44002	2 X 0.81 BA	13/16	1/4	97.89
TA44102	2 X 0.81 BA	1"	3/8	114.16
TA44001	1 X 0.90 BA	13/16	1/4	130.49
TA44101	1 X 0.90 BA	1"	3/8	114.16
TA44000	0 X 1.00 BA	13/16	1/4	97.89
TA44100	0 X 1.00 BA	1"	3/8	114.16

HSS ROUND PIPE DIES - NPT  
FILIERES RONDES AU PAS DE GAZ - ACIER RAPIDE - NPT

TA26



NPT

CODE	SIZE	DIA	THICKNESS	\$ EA
TA26008	1/8-27 NPT	1"	3/8	42.69
TA26108	1/8-27 NPT	1-5/16	7/16	222.92
TA26208	1/8-27 NPT	1-1/2	1/2	68.78
TA26116	1/4-18 NPT	1-5/16	7/16	222.92
TA26216	1/4-18 NPT	1-1/2	1/2	68.78
TA26316	1/4-18 NPT	2"	5/8	324.70
TA26224	3/8-18 NPT	1-1/2	1/2	68.78
TA26324	3/8-18 NPT	2"	5/8	324.70

CODE	SIZE	DIA	THICKNESS	\$ EA
TA26332	1/2-14 NPT	2"	5/8	120.95
TA26348	3/4-14 NPT	2"	5/8	120.95
TA26564	1"-11.5 NPT	3"	7/8	170.78
TA26580	1-1/4 11.5 NPT	3"	7/8	743.12
TA26696	1-1/2 11.5 NPT	4"	1"	2324.04
TA26700	2"-11.5 NPT	4"	1"	2324.04

HSS ROUND PIPE DIES - BSPT  
FILIERES RONDES AU PAS DE GAZ - ACIER RAPIDE - BSPT

TA27



BSPT

CODE	SIZE	DIA	THICKNESS	\$ EA
TA27008	1/8-28 BSPT	1"	3/8	226.72
TA27108	1/8-28 BSPT	1-5/16	7/16	310.73
TA27208	1/8-28 BSPT	1-1/2	1/2	369.40
TA27116	1/4-19 BSPT	1-5/16	7/16	310.73
TA27216	1/4-19 BSPT	1-1/2	1/2	369.40
TA27316	1/4-19 BSPT	2"	5/8	452.61
TA27324	3/8-19 BSPT	2"	5/8	452.61
TA27332	1/2-14 BSPT	2"	5/8	452.61

CODE	SIZE	DIA	THICKNESS	\$ EA
TA27348	3/4-14 BSPT	2"	5/8	452.61
TA27464	1"-11 BSPT	2-1/4	11/16	782.50
TA27564	1"-11 BSPT	3"	7/8	1035.65
TA27580	1-1/4 11 BSPT	3"	7/8	1035.65
TA27696	1-1/2 11 BSPT	4"	1"	3239.54
TA27700	2"-11 BSPT	4"	1"	3239.54



**HSS ROUND PIPE DIES - BSPF**  
**FILIERES RONDES AU PAS DE GAZ - ACIER RAPIDE - BSPF**

**TA28**



**BSPF**

CODE	SIZE	DIA	THICKNESS	\$ EA
TA28008	1/8-28 BSPF	1"	3/8	72.62
TA28108	1/8-28 BSPF	1-5/16	7/16	109.28
TA28208	1/8-28 BSPF	1-1/2	1/2	167.96
TA28116	1/4-19 BSPF	1-5/16	7/16	109.28
TA28216	1/4-19 BSPF	1-1/2	1/2	130.49
TA28316	1/4-19 BSPF	2"	5/8	243.84
TA28224	3/8-19 BSPF	1-1/2	1/2	130.49
TA28324	3/8-19 BSPF	2"	5/8	243.84

CODE	SIZE	DIA	THICKNESS	\$ EA
TA28332	1/2-14 BSPF	2"	5/8	193.31
TA28340	5/8-14 BSPF	2"	5/8	243.84
TA28348	3/4-14 BSPF	2"	5/8	243.84
TA28454	1"-11 BSPF	2-1/4	11/16	344.14
TA28564	1"-11 BSPF	3"	7/8	420.01
TA28580	1-1/4 11 BSPF	3"	7/8	420.01

**HSS ROUND DIES - NC & NF - LEFT HAND**  
**FILIERES RONDES - ACIER RAPIDE - NC & NF - COUPE A GAUCHE**

**TA29**



**LEFT HAND**

CODE	SIZE	DIA	THICKNESS	\$ EA
TA29030	0-80 NF	13/16	1/4	57.32
TA29002	2-56 NC	13/16	1/4	57.32
TA29032	2-64 NF	13/16	1/4	57.32
TA29004	4-40 NC	13/16	1/4	57.32
TA29005	5-40 NC	13/16	1/4	57.32
TA29006	6-32 NC	13/16	1/4	57.32
TA29008	8-32 NC	13/16	1/4	57.32
TA29010	10-24 NC	13/16	1/4	57.32
TA29304	1/4-20 NC	1"	3/8	71.65
TA29334	1/4-28 NF	1"	3/8	71.65
TA29305	5/16-18 NC	1"	3/8	71.65
TA29335	5/16-24 NF	1"	3/8	71.65
TA29306	3/8-16 NC	1"	3/8	71.65
TA29506	3/8-16 NC	1-1/2	1/2	116.45
TA29336	3/8-24 NF	1"	3/8	71.65
TA29536	3/8-24 NF	1-1/2	1/2	116.45
TA29507	7/16-14 NC	1-1/2	1/2	116.45
TA29537	7/16-20 NF	1-1/2	1/2	116.45

CODE	SIZE	DIA	THICKNESS	\$ EA
TA29508	1/2-13 NC	1-1/2	1/2	116.45
TA29538	1/2-20 NF	1-1/2	1/2	116.45
TA29509	9/16-12 NC	1-1/2	1/2	116.45
TA29539	9/16-18 NF	1-1/2	1/2	116.45
TA29510	5/8-11 NC	1-1/2	1/2	116.45
TA29540	5/8-18 NF	1-1/2	1/2	116.45
TA29512	3/4-10 NC	1-1/2	1/2	116.45
TA29612	3/4-10 NC	2"	5/8	204.24
TA29542	3/4-16 NF	1-1/2	1/2	116.45
TA29642	3/4-16 NF	2"	5/8	204.24
TA29614	7/8-9 NC	2"	5/8	204.24
TA29644	7/8-14 NF	2"	5/8	204.24
TA29616	1"-8 NC	2"	5/8	204.24
TA29646	1"-12 NF	2"	5/8	204.24
TA29724	1-1/2 6 NC	3"	7/8	361.74
TA29754	1-1/2 12 NF	3"	7/8	361.74

## HEXAGONAL DIE NUTS - CARBON FILIERES HEXAGONALES - CARBONE

TA80



CARBON HEX

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA80004	1/4-20 NC	0.710	1/4	20.93
TA80304	1/4-28 NF	0.710	1/4	20.93
TA80005	5/16-18 NC	0.820	5/16	23.28
TA80305	5/16-24 NF	0.820	5/16	23.28
TA80006	3/8-16 NC	0.920	3/8	24.82
TA80306	3/8-24 NF	0.920	3/8	24.82
TA80007	7/16-14 NC	1.010	7/16	27.91
TA80307	7/16-20 NF	1.010	7/16	27.91
TA80008	1/2-13 NC	1.100	1/2	30.26
TA80308	1/2-20 NF	1.100	1/2	30.26
TA80009	9/16-12 NC	1.300	5/8	32.58
TA80309	9/16-18 NF	1.300	5/8	32.58
TA80010	5/8-11 NC	1.300	5/8	37.23
TA80310	5/8-18 NF	1.300	5/8	37.23

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA80012	3/4-10 NC	1.480	11/16	52.73
TA80312	3/4-16 NF	1.480	11/16	52.73
TA80014	7/8-9 NC	1.670	13/16	54.27
TA80314	7/8-14 NF	1.670	13/16	54.27
TA80016	1"-8 NC	2.050	15/16	58.94
TA80316	1"-12 NF	2.050	15/16	58.94
TA80416	1"-14 NS	2.050	15/16	58.94
TA80018	1-1/8 7 NC	2.220	1-1/16	69.79
TA80318	1-1/8 12 NF	2.220	1-1/16	69.79
TA80020	1-1/4 7 NC	2.220	1-1/16	80.66
TA80320	1-1/4 12 NF	2.220	1-1/16	80.66
TA80022	1-3/8 6 NC	2.580	1-1/8	91.50
TA80322	1-3/8 12 NF	2.580	1-1/8	91.50
TA80024	1-1/2 6 NC	2.760	1-1/4	102.38
TA80324	1-1/2 12 NF	2.760	1-1/4	102.38

## HEXAGONAL DIE NUTS - CARBON - LEFT HAND FILIERES HEXAGONALES - CARBONE - COUPE A GAUCHE

TA82



LEFT HAND

CODE	HEX SIZE	DIA	THICKNESS	\$ EA
TA82004	1/4-20 NC	0.710	1/4	23.02
TA82304	1/4-28 NF	0.710	1/4	23.02
TA82005	5/16-18 NC	0.820	5/16	25.61
TA82305	5/16-24 NF	0.820	5/16	25.61
TA82006	3/8-16 NC	0.920	3/8	27.30
TA82306	3/8-24 NF	0.920	3/8	27.30
TA82007	7/16-14 NC	1.010	7/16	30.70
TA82307	7/16-20 NF	1.010	7/16	30.70
TA82008	1/2-13 NC	1.100	1/2	33.29
TA82308	1/2-20 NF	1.100	1/2	33.29
TA82009	9/16-12 NC	1.300	5/8	35.84
TA82309	9/16-18 NF	1.300	5/8	35.84
TA82010	5/8-11 NC	1.300	5/8	40.95
TA82310	5/8-18 NF	1.300	5/8	40.95

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA82012	3/4-10 NC	1.480	11/16	58.00
TA82312	3/4-16 NF	1.480	11/16	58.00
TA82014	7/8-9 NC	1.670	13/16	59.70
TA82314	7/8-14 NF	1.670	13/16	59.70
TA82016	1"-8 NC	2.050	15/16	64.83
TA82316	1"-12 NF	2.050	15/16	64.83
TA82416	1"-14 NS	2.050	15/16	64.83
TA82018	1-1/8 7 NC	2.220	1-1/16	76.77
TA82318	1-1/8 12 NF	2.220	1-1/16	76.77
TA82020	1-1/4 7 NC	2.220	1-1/16	88.73
TA82320	1-1/4 12 NF	2.220	1-1/16	88.73
TA82022	1-3/8 6 NC	2.580	1-1/8	100.65
TA82322	1-3/8 12 NF	2.580	1-1/8	100.65
TA82024	1-1/2 6 NC	2.760	1-1/4	112.62
TA82324	1-1/2 12 NF	2.760	1-1/4	112.62



HEXAGONAL DIE NUTS - CARBON - NPT  
FILIERES HEXAGONALES - CARBONE - NPT

TA80



CARBON HEX

CODE	SIZE	\$ EA
TA80102	1/8 - 27 NPT	37.71
TA80104	1/4 - 18 NPT	56.36
TA80106	3/8 - 18 NPT	74.22
TA80108	1/2 - 14 NPT	97.64
TA80112	3/4 - 14 NPT	126.21

CODE	SIZE	\$ EA
TA80116	1" - 11.5 NPT	166.30
TA80120	1-1/4 - 11.5 NPT	237.15
TA80124	1-1/2 - 11.5 NPT	347.29
TA80132	2" NPT	704.50

HEXAGONAL DIE NUTS - CARBON - METRIC  
FILIERES HEXAGONALES - CARBONE - METRIQUE

TA80



CARBON HEX

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA80500	M2.0 X 0.40	0.710	1/4	32.39
TA80501	M2.2 X 0.45	0.710	1/4	32.39
TA80502	M2.5 X 0.45	0.710	1/4	32.39
TA80503	M3.0 X 0.50	0.710	1/4	17.35
TA80903	M3.5 X 0.60	0.710	1/4	17.33
TA80504	M4.0 X 0.70	0.710	1/4	14.33
TA80904	M4.5 X 0.75	0.710	1/4	14.33
TA80605	MF5.0 X 0.50	0.710	1/4	26.03
TA80505	M5.0 X 0.80	0.710	1/4	14.33
TA80606	MF6.0 X 0.75	0.710	1/4	26.03
TA80506	M6.0 X 1.00	0.710	1/4	14.33
TA80706	M6.0 X 1.25	0.710	1/4	26.03
TA80507	M7.0 X 1.00	0.820	5/16	18.80
TA80808	M8.0 X 0.75	0.820	5/16	27.48
TA80608	MF8.0 X 1.00	0.820	5/16	27.48
TA80508	M8.0 X 1.25	0.820	5/16	18.80
TA80708	M8.0 X 1.50	0.820	5/16	27.48
TA80509	M9.0 X 1.25	0.920	3/8	23.28
TA80610	MF10.0 X 1.00	0.920	3/8	32.39
TA80910	M10.0 X 1.25	0.920	3/8	32.39
TA80510	M10.0 X 1.50	0.920	3/8	23.88
TA80711	M11.0 X 0.50	1.010	7/16	28.92
TA80611	M11.0 X 1.25	1.010	7/16	40.19
TA80511	M11.0 X 1.50	1.010	7/16	28.92
TA80912	M12.0 X 1.00	1.100	1/2	38.20
TA80612	MF12.0 X 1.25	1.100	1/2	38.20
TA80952	M12.0 X 1.50	1.100	1/2	38.20
TA80512	M12.0 X 1.75	1.100	1/2	25.16
TA80714	M14.0 X 1.00	1.300	5/8	43.39
TA80954	M14.0 X 1.25	1.300	5/8	43.39
TA80614	MF14.0 X 1.50	1.300	5/8	43.39
TA80514	M14.0 X 2.00	1.300	5/8	28.21

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA80716	M16.0 X 1.00	1.300	5/8	43.39
TA80616	MF16.0 X 1.50	1.300	5/8	43.39
TA80516	M16.0 X 2.00	1.300	5/8	28.21
TA80718	M18.0 X 1.00	1.480	11/16	53.21
TA80618	MF18.0 X 1.50	1.480	11/16	53.21
TA80518	M18.0 X 2.50	1.480	11/16	37.65
TA80720	M20.0 X 1.00	1.480	11/16	53.21
TA80620	MF20.0 X 1.50	1.480	11/16	53.21
TA80920	M20.0 X 2.00	1.480	11/16	53.21
TA80520	M20.0 X 2.50	1.480	11/16	37.65
TA80722	M22.0 X 1.00	1.670	13/16	62.19
TA80622	MF22.0 X 1.50	1.670	13/16	62.19
TA80522	M22.0 X 2.50	1.670	13/16	39.05
TA80824	M24.0 X 1.50	2.050	15/16	120.06
TA80624	MF24.0 X 2.00	2.050	15/16	120.06
TA80524	M24.0 X 3.00	2.050	15/16	79.64
TA80625	MF25.0 X 1.50	2.050	15/16	120.06
TA80627	M27.0 X 1.50	2.220	1-1/16	179.33
TA80827	M27.0 X 2.00	2.220	1-1/16	179.33
TA80527	M27.0 X 3.00	2.220	1-1/16	122.93
TA80630	M30.0 X 1.50	2.220	1-1/16	179.33
TA80630	M30.0 X 2.00	2.220	1-1/16	179.33
TA80530	M30.0 X 3.50	2.220	1-1/16	122.93
TA80533	M33.0 X 3.50	2.580	1-1/8	131.30
TA80536	M36.0 X 4.00	2.760	1-1/4	165.44
TA80539	M39.0 X 4.00	2.760	1-1/4	165.44
TA80542	M42.0 X 4.50	3.150	1-1/4	221.27
TA80545	M45.0 X 4.50	3.150	1-1/4	221.27
TA80548	M48.0 X 5.00	3.150	1-1/4	315.27
TA80552	M52.0 X 5.00	3.550	1-1/4	364.42

**HEXAGONAL DIE NUTS - HSS  
FILIERES HEXAGONALES - ACIER RAPIDE**

**TA81**



**HSS HEX**

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA81004	1/4-20 NC	0.710	1/4	48.12
TA81304	1/4-28 NF	0.710	1/4	48.12
TA81005	5/16-18 NC	0.820	5/16	56.01
TA81305	5/16-24 NF	0.820	5/16	56.01
TA81006	3/8-16 NC	0.920	3/8	65.02
TA81306	3/8-24 NF	0.920	3/8	65.02
TA81007	7/16-14 NC	1.010	7/16	82.45
TA81307	7/16-20 NF	1.010	7/16	82.45
TA81008	1/2-13 NC	1.100	1/2	82.45
TA81308	1/2-20 NF	1.100	1/2	82.45
TA81009	9/16-12 NC	1.300	5/8	101.59
TA81309	9/16-18 NF	1.300	5/8	101.59
TA81010	5/8-11 NC	1.300	5/8	101.59
TA81310	5/8-18 NF	1.300	5/8	101.59
TA81012	3/4-10 NC	1.480	11/16	123.53
TA81312	3/4-16 NF	1.480	11/16	122.19

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA81014	7/8-9 NC	1.670	13/16	140.13
TA81314	7/8-14 NF	1.670	13/16	140.13
TA81016	1"-8 NC	2.050	15/16	204.86
TA81316	1"-12 NF	2.050	15/16	204.86
TA81018	1-1/8 7 NC	2.220	1-1/16	265.64
TA81318	1-1/8 12 NF	2.220	1-1/16	265.64
TA81020	1-1/4 7 NC	2.220	1-1/16	370.32
TA81320	1-1/4 12 NF	2.220	1-1/16	370.32
TA81022	1-3/8 6 NC	2.580	1-1/8	420.96
TA81322	1-3/8 12 NF	2.580	1-1/8	420.96
TA81024	1-1/2 6 NC	2.760	1-1/4	471.62
TA81324	1-1/2 12 NF	2.760	1-1/4	471.62
TA81026	1-3/4 5 NC	3.150	1-3/8	674.34
TA81028	2" 4-1/2 NC	3.550	1-3/4	936.47

**HEXAGONAL DIE NUTS - HSS - METRIC  
FILIERES HEXAGONALES - ACIER RAPIDE - METRIQUE**

**TA81**



**HSS HEX**

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA81603	M3.0 X 0.35	0.710	1/4	513.75
TA81503	M3.0 X 0.50	0.710	1/4	48.62
TA81604	M4.0 X 0.50	0.710	1/4	296.16
TA81504	M4.0 X 0.70	0.710	1/4	48.62
TA81605	M5.0 X 0.50	0.710	1/4	77.18
TA81505	M5.0 X 0.80	0.710	1/4	47.85
TA81606	M6.0 X 0.75	0.710	1/4	69.46
TA81506	M6.0 X 1.00	0.710	1/4	45.53
TA81607	M7.0 X 0.75	0.820	5/16	247.18
TA81507	M7.0 X 1.00	0.820	5/16	51.71
TA81608	M8.0 X 0.75	0.820	5/16	77.18
TA81608	M8.0 X 1.00	0.820	5/16	77.18
TA81508	M8.0 X 1.25	0.820	5/16	51.71
TA81509	M9.0 X 1.25	0.920	3/8	60.20
TA81610	M10.0 X 1.00	0.920	3/8	111.90
TA81910	M10.0 X 1.25	0.920	3/8	111.90
TA81510	M10.0 X 1.50	0.920	3/8	60.20
TA81511	M11.0 X 1.50	1.010	7/16	84.89
TA81912	M12.0 X 1.00	1.100	1/2	123.48
TA81612	M12.0 X 1.25	1.100	1/2	123.48
TA81512	M12.0 X 1.75	1.100	1/2	84.89
TA81954	M14.0 X 1.25	1.300	5/8	135.06
TA81614	M14.0 X 1.50	1.300	5/8	135.06
TA81514	M14.0 X 2.00	1.300	5/8	100.33

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
TA81716	M16.0 X 1.00	1.300	5/8	80.75
TA81616	M16.0 X 1.50	1.300	5/8	135.06
TA81516	M16.0 X 2.00	1.300	5/8	100.33
TA81618	M18.0 X 1.50	1.480	11/16	169.79
TA81518	M18.0 X 2.50	1.480	11/16	114.99
TA81720	M20.0 X 1.00	1.480	11/16	96.23
TA81620	M20.0 X 1.50	1.480	11/16	169.79
TA81920	M20.0 X 2.00	1.480	11/16	169.79
TA81520	M20.0 X 2.50	1.480	11/16	114.99
TA81622	M22.0 X 1.50	1.670	13/16	185.22
TA81522	M22.0 X 2.50	1.670	13/16	145.86
TA81724	M24.0 X 1.50	2.050	15/16	111.75
TA81624	M24.0 X 2.00	2.050	15/16	285.55
TA81524	M24.0 X 3.00	2.050	15/16	231.53
TA81625	M25.0 X 1.50	2.050	15/16	285.55
TA81827	M27.0 X 2.00	2.220	1-1/16	454.56
TA81527	M27.0 X 3.00	2.220	1-1/16	362.72
TA81830	M30.0 X 1.50	2.220	1-1/16	454.56
TA81630	M30.0 X 2.00	2.220	1-1/16	454.56
TA81530	M30.0 X 3.50	2.220	1-1/16	362.72
TA81533	M33.0 X 3.50	2.580	1-1/8	490.06
TA81536	M36.0 X 4.00	2.760	1-1/4	490.06



**HEXAGONAL DIE NUTS - HSS - BSW, BSF, BA**  
**FILIERES HEXAGONALES - ACIER RAPIDE - BSW, BSF, BA**

**TA81**



**HSS HEX**

CODE	SIZE	HEX SIZE	THICKNESS	\$ EA	CODE	SIZE	HEX SIZE	THICKNESS	\$ EA
<b>BSW</b>					<b>BSF</b>				
TA81708	1/8-40 BSW	0.7100	1/4	159.02	TA81816	1/4-26 BSF	0.710	1/4	80.75
TA81712	3/16-24 BSW	0.710	1/4	128.03	TA81820	5/16-22 BSF	0.820	5/16	96.23
TA81716	1/4-20 BSW	0.710	1/4	80.75	TA81824	3/8-20 BSF	0.920	3/8	111.75
TA81720	5/16-18 BSW	0.820	5/16	96.23	TA81828	7/16-18 BSF	1.010	7/16	154.16
TA81724	3/8-16 BSW	0.920	3/8	111.75	TA81832	1/2-16 BSF	1.100	1/2	137.01
TA81728	7/16-14 BSW	1.010	7/16	154.16	TA81836	9/16-16 BSF	1.300	5/8	169.63
TA81732	1/2-12 BSW	1.100	1/2	137.01	TA81840	5/8-14 BSF	1.300	5/8	169.63
TA81736	9/16-12 BSW	1.300	5/8	169.63	TA81844	11/16-14 BSF	1.480	11/16	260.98
TA81740	5/8-11 BSW	1.300	5/8	169.63	TA81848	3/4-12 BSF	1.480	11/16	207.96
TA81748	3/4-10 BSW	1.480	11/16	207.96	TA81856	7/8-11 BSF	1.670	13/16	238.93
TA81756	7/8-9 BSW	1.670	13/16	238.93	TA81864	1"-10 BSF	2.050	15/16	348.19
TA81764	1"-8 BSW	2.050	15/16	348.19	TA81872	1-1/8 9 BSF	2.220	1-1/16	468.90
TA81772	1-1/8 7 BSW	2.220	1-1/16	468.90	TA81880	1-1/4 9 BSF	2.220	1-1/16	574.90
TA81780	1-1/4 7 BSW	2.220	1-1/16	574.90	TA81896	1-1/2 8 BSF	2.760	1-1/4	754.33
TA81796	1-1/2 6 BSW	2.760	1-1/4	754.33	TA81897	1-3/4 7 BSF	3.150	1-3/8	921.50
TA81797	1-3/4 5 BSW	3.150	1-3/8	929.64	TA81898	2"-7 BSF	3.550	1-3/4	1149.80
TA81798	2" 4-1/2 BSW	3.550	1-3/4	1149.80					
<b>BA</b>									
TA81900	0 X 1.00 BA	0.710	1/4	177.75					
TA81902	2 X 0.81 BA	0.710	1/4	177.75					
TA81904	4 X 0.68 BA	0.710	1/4	209.57					
TA81906	6 X 0.53 BA	0.710	1/4	209.57					

**HEXAGONAL DIE NUTS - SETS**  
**FILIERES HEXAGONALES - SETS**

**TA188**



**TA189**

CODE	MATERIAL	INCLUDES	\$ EA	CODE	MATERIAL	INCLUDES	\$ EA
TA18801	CARBON	BSW 1/4, 5/16, 3/8, 7/16, 1/2	127.20	TA18901	HSS	BSW 1/4, 5/16, 3/8, 7/16, 1/2	334.05
TA18802	CARBON	BSW 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	217.16	TA18902	HSS	BSW 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	559.17
TA18803	CARBON	BSW 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 1"	241.17	TA18903	HSS	BSW 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 1"	662.44
TA18811	CARBON	BSF 1/4, 5/16, 3/8, 7/16, 1/2	127.20	TA18911	HSS	BSF 1/4, 5/16, 3/8, 7/16, 1/2	334.05
TA18812	CARBON	BSF 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	217.16	TA18912	HSS	BSF 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	559.17
TA18813	CARBON	BSF 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 1"	241.17	TA18913	HSS	BSF 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 1"	662.44
TA18821	CARBON	UNC 1/4, 5/16, 3/8, 7/16, 1/2	127.20	TA18921	HSS	UNC 1/4, 5/16, 3/8, 7/16, 1/2	334.05
TA18822	CARBON	UNC 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	217.16	TA18922	HSS	UNC 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	559.17
TA18823	CARBON	UNC 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 1"	241.17	TA18923	HSS	UNC 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 1"	662.44
TA18831	CARBON	UNF 1/4, 5/16, 3/8, 7/16, 1/2	127.20	TA18931	HSS	UNF 1/4, 5/16, 3/8, 7/16, 1/2	334.05
TA18832	CARBON	UNF 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	217.16	TA18932	HSS	UNF 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	559.17
TA18833	CARBON	UNF 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 1"	241.17	TA18933	HSS	UNF 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 1"	662.44

## TAP WRENCHES TOURNE A GAUCHE DROITS


**TA45**

CODE	NO	TYPE	FROM	TO	\$ EA
TA45001	TW1	BAR	1/16 M2.0	1/4 M6.0	50.48
TA45002	TW2	BAR	1/8 M3.0	1/2 M12.0	78.31
TA45003	TW3	ADJ	1/8 M3.0	1/2 M12.0	84.70
TA45004	TW4	ADJ	7/32 M6.0	3/4 M20.0	96.09
TA45005	TW5	ADJ	7/16 M12.0	1" M27.0	127.05
TA45006	TW6	ADJ	3/4 M18.0	1-1/2 M42.0	281.06
TA45007	TW7	ADJ	1" M24.0	2-1/2 M50.0	446.75

CODE	NO	TYPE	FROM	TO	\$ EA
TA45983	T1	T STD	1/16 M1.0	1/4 M6.0	72.36
TA45984	T2	T STD	1/4 M6.0	1/2 M12.0	72.36
TA45985	TL3	T LONG	1/16 M1.0	1/4 M6.0	80.66
TA45986	TL4	T LONG	1/4 M6.0	1/2 M12.0	89.74

## DIE STOCKS PORTE FILIERES

**TA46**


CODE	NO	DIE OD	\$ EA
TA46001	DS1	13/16	26.06
TA46002	DS2	1"	45.61
TA46006	DS3	1-5/16	55.37
TA46003	DS4	1-1/2	55.37
TA46004	DS5	2"	76.56

CODE	NO	DIE OD	LENGTH	\$ EA
TA46009	DS6		2-1/4	165.89
TA46008	DS6a		2-1/2	202.41
TA46007	DS7		3"	265.80
TA46010	DS8		4"	399.26

## SCREW EXTRACTORS EXTRACTEURS DE VIS ET BOULONS

**TA97**


CODE	NO	SM DIA	LG DIA	DRILL	\$ EA
TA97001	#1	1.4	3.6	1.8	8.63
TA97002	#2	2.1	4.9	3.2	9.48
TA97003	#3	3.1	6.5	4.5	11.04
TA97004	#4	4.8	8.8	6.5	11.60
TA97005	#5	6.7	11.0	8.5	15.60
TA97006	#6	9.4	15.0	11.8	21.50
TA97007	#7	12.7	19.0	15.3	33.73
TA97008	#8	17.5	24.0	20.0	51.85

CODE	NO	FROM	TO	\$ EA
SETS				
TA97105	#5	#1	#5	57.70
TA97106	#6	#1	#6	77.48
TA97108	#8	#1	#8	170.92



# END MILLS

Weldon Shank

# FRAISES EN BOUT

Queue Weldon

**WELDON SHANK END MILL - STANDARD LENGTH - 2 FLUTE  
 FRAISES A DEUX CANNELURES - QUEUE WELDON - LONGEUR REG.**

**EM50**



**2F HSS**

END MILLS - WELDON SHANK

FRAISES EN BOUT - QUEUE WELDON

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
1/8	3/8	3/8	2-5/16	2	EM50008	17.15	EM50008T	21.39	EM50008C	22.67
5/32	3/8	7/16	2-5/16	2	EM50010	17.15	EM50010T	23.52	EM50010C	25.42
3/16	3/8	7/16	2-5/16	2	EM50012	17.15	EM50012T	23.52	EM50012C	25.42
7/32	3/8	1/2	2-5/16	2	EM50014	17.15	EM50014T	26.06	EM50014C	28.73
1/4	3/8	1/2	2-5/16	2	EM50016	17.15	EM50016T	26.06	EM50016C	28.73
9/32	3/8	9/16	2-5/16	2	EM50018	17.15	EM50018T	28.61	EM50018C	32.04
5/16	3/8	9/16	2-5/16	2	EM50020	17.15	EM50020T	28.61	EM50020C	32.04
11/32	3/8	9/16	2-5/16	2	EM50022	17.15	EM50022T	28.61	EM50022C	32.04
3/8	3/8	9/16	2-5/16	2	EM50024	17.15	EM50024T	28.61	EM50024C	32.04
13/32	3/8	13/16	2-1/2	2	EM50026	26.15	EM50026T	41.85	EM50026C	46.56
7/16	3/8	13/16	2-1/2	2	EM50028	26.15	EM50028T	41.85	EM50028C	46.56
15/32	3/8	13/16	2-1/2	2	EM50030	26.15	EM50030T	41.85	EM50030C	46.56
1/2	1/2	1"	3"	2	EM50132	26.15	EM50132T	41.85	EM50132C	46.56
17/32	1/2	1-1/8	3-1/8	2	EM50134	39.30	EM50134T	55.02	EM50134C	59.72
9/16	1/2	1-1/8	3-1/8	2	EM50136	39.30	EM50136T	55.02	EM50136C	59.72
19/32	5/8	1-1/8	3-1/8	2	EM50236	49.04	EM50236T	73.23	EM50236C	80.49
5/8	5/8	1-5/16	3-7/16	2	EM50240	49.04	EM50240T	73.23	EM50240C	80.49
21/32	5/8	1-5/16	3-7/16	2	EM50242	57.32	EM50242T	81.51	EM50242C	88.77
11/16	5/8	1-5/16	3-7/16	2	EM50244	57.32	EM50244T	81.51	EM50244C	88.77
23/32	3/4	1-5/16	3-7/16	2	EM50346	63.84	EM50346T	98.21	EM50346C	108.53
3/4	3/4	1-5/16	3-7/16	2	EM50348	63.84	EM50348T	98.21	EM50348C	108.53
25/32	5/8	1-1/2	3-5/8	2	EM50250	69.58	EM50250T	98.21	EM50250C	108.53
13/16	5/8	1-1/2	3-5/8	2	EM50252	69.58	EM50252T	98.21	EM50252C	108.53
27/32	3/4	1-1/2	3-3/4	2	EM50354	73.70	EM50354T	108.09	EM50354C	118.40
7/8	3/4	1-1/2	3-3/4	2	EM50356	73.70	EM50356T	108.09	EM50356C	118.40
7/8	7/8	1-1/2	3-3/4	2	EM50456	73.70	EM50456T	123.80	EM50456C	138.83
29/32	7/8	1-1/2	3-3/4	2	EM50458	95.00	EM50458T	145.10	EM50458C	160.13
15/16	7/8	1-1/2	3-3/4	2	EM50460	95.00	EM50460T	145.10	EM50460C	160.13
31/32	3/4	1-1/2	3-3/4	2	EM50362	95.00	EM50362T	145.10	EM50362C	160.13
1"	3/4	1-1/2	3-3/4	2	EM50364	95.00	EM50364T	145.10	EM50364C	160.13
1"	1"	1-5/8	4-1/8	2	EM50564	95.00	EM50564T	145.10	EM50564C	160.13
1-1/8	1"	1-5/8	4-1/8	2	EM50572	138.59	EM50572T	188.67	EM50572C	203.70
1-1/4	1-1/4	1-5/8	4-1/8	2	EM50680	150.70	EM50680T	238.99	EM50680C	265.48
1-3/8	1-1/4	1-5/8	4-1/8	2	EM50688	186.14	EM50688T	274.44	EM50688C	300.93
1-1/2	1-1/4	1-5/8	4-1/8	2	EM50696	221.61	EM50696T	309.92	EM50696C	336.40
1-3/4	1-1/4	1-5/8	4-1/8	2	EM50712	285.11	EM50712T	373.40	EM50712C	399.89
2"	1-1/4	1-5/8	4-1/8	2	EM50728	333.89	EM50728T	422.19	EM50728C	448.68





**WELDON SHANK SLOT DRILL - STANDARD LENGTH - 2 FLUTE - COBALT**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - LONGEUR REG. - COBALT**

**MC55**



**2F M42**

END MILLS - WELDON SHANK

FRAISES EN BOUT - QUEUE WELDON

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1.5	6.0	3.0	48.0	2	MC55515	46.05	MC55515T	50.30	MC55515C	51.58
2.0	6.0	4.0	48.0	2	MC55520	35.36	MC55520T	39.62	MC55520C	40.89
2.5	6.0	5.0	59.0	2	MC55525	42.69	MC55525T	46.95	MC55525C	48.22
3.0	6.0	5.0	49.0	2	MC55530	35.36	MC55530T	39.62	MC55530C	40.89
3.5	6.0	6.0	50.0	2	MC55535	42.69	MC55535T	49.07	MC55535C	50.97
4.0	6.0	7.0	51.0	2	MC55540	35.36	MC55540T	41.73	MC55540C	43.65
4.5	6.0	7.0	51.0	2	MC55545	42.69	MC55545T	49.07	MC55545C	50.97
5.0	6.0	8.0	52.0	2	MC55550	38.28	MC55550T	47.20	MC55550C	49.86
5.5	6.0	8.0	52.0	2	MC55555	42.69	MC55555T	51.61	MC55555C	54.27
6.0	6.0	8.0	52.0	2	MC55560	38.28	MC55560T	47.20	MC55560C	49.86
6.5	10.0	10.0	60.0	2	MC55565	57.40	MC55565T	68.86	MC55565C	72.30
7.0	10.0	10.0	60.0	2	MC55570	40.72	MC55570T	52.17	MC55570C	55.61
7.5	10.0	10.0	60.0	2	MC55575	57.40	MC55575T	68.86	MC55575C	72.30
8.0	10.0	11.0	61.0	2	MC55580	40.72	MC55580T	52.17	MC55580C	55.61
8.5	10.0	11.0	61.0	2	MC55585	59.06	MC55585T	70.53	MC55585C	73.95
9.0	10.0	11.0	61.0	2	MC55590	47.59	MC55590T	59.04	MC55590C	62.48
9.5	10.0	11.0	61.0	2	MC55595	59.06	MC55595T	70.53	MC55595C	73.95
10.0	10.0	13.0	63.0	2	MC55600	40.72	MC55600T	56.43	MC55600C	61.13
10.5	12.0	13.0	70.0	2	MC55605	68.29	MC55605T	84.00	MC55605C	88.70
11.0	12.0	13.0	70.0	2	MC55610	56.21	MC55610T	71.91	MC55610C	76.63
12.0	12.0	16.0	73.0	2	MC55620	50.84	MC55620T	66.54	MC55620C	71.25
13.0	12.0	16.0	73.0	2	MC55630	94.63	MC55630T	129.00	MC55630C	139.32
14.0	12.0	16.0	73.0	2	MC55640	58.64	MC55640T	93.03	MC55640C	103.34
15.0	12.0	16.0	73.0	2	MC55650	94.63	MC55650T	129.00	MC55650C	139.32
16.0	16.0	19.0	79.0	2	MC55660	70.83	MC55660T	105.21	MC55660C	115.53
18.0	16.0	19.0	79.0	2	MC55680	79.81	MC55680T	114.19	MC55680C	124.51
20.0	20.0	22.0	88.0	2	MC55700	94.62	MC55700T	144.90	MC55700C	159.93
22.0	20.0	22.0	88.0	2	MC55720	118.11	MC55720T	168.21	MC55720C	183.23
24.0	25.0	26.0	102.0	2	MC55740	141.72	MC55740T	191.80	MC55740C	206.83
25.0	25.0	26.0	102.0	2	MC55750	147.40	MC55750T	197.49	MC55750C	212.62
26.0	25.0	26.0	102.0	2	MC55760	162.89	MC55760T	212.97	MC55760C	228.00
28.0	25.0	26.0	102.0	2	MC55780	162.89	MC55780T	212.97	MC55780C	228.00
30.0	25.0	26.0	102.0	2	MC55830	160.13	MC55830T	216.23	MC55830C	231.25
32.0	32.0	32.0	112.0	2	MC55932	199.53	MC55932T	322.20	MC55932C	359.01
34.0	32.0	32.0	112.0	2	MC55934	275.26	MC55934T	397.94	MC55934C	434.74
36.0	32.0	32.0	112.0	2	MC55936	275.26	MC55936T	397.94	MC55936C	434.74
38.0	32.0	38.0	120.0	2	MC55938	346.13	MC55938T	468.80	MC55938C	505.61
40.0	32.0	38.0	120.0	2	MC55940	346.13	MC55940T	468.80	MC55940C	505.61
45.0	32.0	38.0	120.0	2	MC55945	519.20	MC55945T	641.87	MC55945C	678.67
50.0	32.0	45.0	137.0	2	MC55950	691.85	MC55950T	814.52	MC55950C	851.32



**WELDON SHANK SLOT DRILL - 2 FLUTE - COBALT - KEYWAY TOLERANCE**  
**FRAISES A RAINURER - DEUX CANNELURES - QUEUE WELDON - COBALT**

**EM01**



**KEYWAY**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/8	3/8	3/8	2-5/16	2	EM01008	20.20	EM01008T	24.45	EM01008C	25.73
5/32	3/8	7/16	2-5/16	2	EM01010	20.20	EM01010T	26.56	EM01010C	28.48
3/16	3/8	7/16	2-5/16	2	EM01012	20.20	EM01012T	26.56	EM01012C	28.48
7/32	3/8	1/2	2-5/16	2	EM01014	20.20	EM01014T	28.12	EM01014C	31.78
1/4	3/8	1/2	2-5/16	2	EM01016	20.20	EM01016T	29.12	EM01016C	31.78
9/32	3/8	9/16	2-5/16	2	EM01018	20.20	EM01018T	31.67	EM01018C	35.10
5/16	3/8	9/16	2-5/16	2	EM01020	20.20	EM01020T	31.67	EM01020C	35.10
11/32	3/8	9/16	2-5/16	2	EM01022	20.20	EM01022T	31.67	EM01022C	35.10
3/8	3/8	9/16	2-5/16	2	EM01024	20.20	EM01024T	31.67	EM01024C	35.10
13/32	3/8	13/16	2-1/2	2	EM01026	30.71	EM01026T	46.43	EM01026C	51.14
7/16	3/8	13/16	2-1/2	2	EM01028	30.71	EM01028T	46.43	EM01028C	51.14
15/32	3/8	13/16	2-1/2	2	EM01030	30.71	EM01030T	46.43	EM01030C	51.14
1/2	1/2	1"	3"	2	EM01032	30.71	EM01032T	46.43	EM01032C	51.14
9/16	1/2	1-1/8	3-1/8	2	EM01036	45.84	EM01036T	70.05	EM01036C	77.30
5/8	5/8	1-5/16	3-7/16	2	EM01040	54.51	EM01040T	78.71	EM01040C	85.96
11/16	5/8	1-5/16	3-7/16	2	EM01044	63.62	EM01044T	87.80	EM01044C	95.07
3/4	3/4	1-5/16	3-7/16	2	EM01048	70.94	EM01048T	105.33	EM01048C	115.63
13/16	5/8	1-1/2	3-5/8	2	EM01052	77.30	EM01052T	101.48	EM01052C	108.75
7/8	3/4	1-1/2	3-3/4	2	EM01056	81.85	EM01056T	116.22	EM01056C	126.55
1"	1"	1-5/8	4-1/8	2	EM01100	81.85	EM01100T	131.93	EM01100C	146.97
1-1/8	1"	1-5/8	4-1/8	2	EM01108	169.25	EM01108T	219.33	EM01108C	234.36
1-1/4	1-1/4	1-5/8	4-1/8	2	EM01116	184.10	EM01116T	272.39	EM01116C	298.87
1-1/2	1-1/4	1-5/8	4-1/8	2	EM01132	274.46	EM01132T	362.75	EM01132C	389.24
1-3/4	1-1/4	1-5/8	4-1/8	2	EM01148	349.97	EM01148T	438.26	EM01148C	464.74
2"	1-1/4	1-5/8	4-1/8	2	EM01200	411.20	EM01200T	499.49	EM01200C	525.98

END MILLS - WELDON SHANK

FRAISES EN BOUT - QUEUE WELDON

**WELDON SHANK END MILL - 2 FLUTE - METRIC - FRACTIONAL SHANK  
 FRAISES METRIQUE - 2 CANNELURES - QUEUE WELDON FRACTIONNEL**

**EM51**



**2F**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3.0	3/8	3/8	2-5/16	2	EM51530	38.84	EM51530T	43.08	EM51530C	44.36
4.0	3/8	7/16	2-5/16	2	EM51540	38.84	EM51540T	45.20	EM51540C	47.12
4.5	3/8	7/16	2-5/16	2	EM51545	38.84	EM51545T	45.20	EM51545C	47.12
5.0	3/8	1/2	2-5/16	2	EM51550	38.84	EM51550T	47.75	EM51550C	50.43
5.5	3/8	1/2	2-5/16	2	EM51555	38.84	EM51555T	47.75	EM51555C	50.43
6.0	3/8	1/2	2-5/16	2	EM51560	38.84	EM51560T	47.75	EM51560C	50.43
6.5	3/8	9/16	2-5/16	2	EM51565	38.84	EM51565T	50.30	EM51565C	53.74
7.0	3/8	9/16	2-5/16	2	EM51570	38.84	EM51570T	50.30	EM51570C	53.74
7.5	3/8	9/16	2-5/16	2	EM51575	38.84	EM51575T	50.30	EM51575C	53.74
8.0	3/8	9/16	2-5/16	2	EM51580	38.84	EM51580T	50.30	EM51580C	53.74
8.5	3/8	9/16	2-5/16	2	EM51585	38.84	EM51585T	50.30	EM51585C	53.74
9.0	3/8	9/16	2-5/16	2	EM51590	38.84	EM51590T	50.30	EM51590C	53.74
9.5	3/8	9/16	2-5/16	2	EM51595	38.84	EM51595T	50.30	EM51595C	53.74
10.0	3/8	13/16	2-1/2	2	EM51600	46.85	EM51600T	62.57	EM51600C	67.28
10.5	3/8	13/16	2-1/2	2	EM51605	55.95	EM51605T	71.66	EM51605C	76.37
11.0	3/8	13/16	2-1/2	2	EM51610	55.95	EM51610T	71.66	EM51610C	76.37
11.5	3/8	1"	3"	2	EM51615	66.57	EM51615T	72.28	EM51615C	77.00
12.0	1/2	1"	3"	2	EM51620	58.89	EM51620T	74.60	EM51620C	79.33
12.5	1/2	1"	3"	2	EM51625	58.89	EM51625T	74.60	EM51625C	79.33
13.0	1/2	1-1/8	3-1/8	2	EM51630	69.02	EM51630T	93.22	EM51630C	100.47
13.5	1/2	1-1/8	3-1/8	2	EM51635	69.02	EM51635T	93.22	EM51635C	100.47
14.0	1/2	1-1/8	3-1/8	2	EM51640	69.02	EM51640T	93.22	EM51640C	100.47
14.5	1/2	1-1/8	3-1/8	2	EM51645	72.83	EM51645T	97.02	EM51645C	104.28
15.0	1/2	1-1/8	3-1/8	2	EM51650	72.83	EM51650T	97.02	EM51650C	104.28
16.0	1/2	1-5/16	3-5/16	2	EM51660	78.09	EM51660T	102.29	EM51660C	109.55
17.0	5/8	1-5/16	3-7/16	2	EM51670	83.38	EM51670T	107.58	EM51670C	114.84
18.0	1/2	1-5/16	3-5/16	2	EM51680	87.17	EM51680T	111.36	EM51680C	118.62
19.0	3/4	1-5/16	3-9/16	2	EM51690	89.49	EM51690T	123.87	EM51690C	134.19
20.0	3/4	1-1/2	3-3/4	2	EM51700	104.08	EM51700T	138.45	EM51700C	148.77
21.0	1/2	1-1/2	3-1/2	2	EM51710	104.08	EM51710T	128.27	EM51710C	135.52
22.0	7/8	1-1/2	3-3/4	2	EM51720	111.03	EM51720T	161.11	EM51720C	176.14
23.0	1/2	1-1/2	3-1/2	2	EM51730	128.96	EM51730T	153.16	EM51730C	160.42
24.0	1/2	1-1/2	3-1/2	2	EM51740	133.38	EM51740T	157.58	EM51740C	164.84
25.0	1"	1-5/8	4-1/8	2	EM51750	133.38	EM51750T	183.47	EM51750C	198.49



**WELDON SHANK END MILL - STANDARD LENGTH - 2 FLUTE - FOR ALUMINUM**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - LONGEUR REG. - POUR ALUMINIUM**

**EM15**



**2F ALUM**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3/16	3/8	5/8	2-1/2	2	EM15012	32.35	EM15012T	38.71	EM15012C	40.61
1/4	3/8	5/8	2-1/2	2	EM15016	39.06	EM15016T	47.97	EM15016C	50.65
5/16	3/8	3/4	2-1/2	2	EM15020	39.06	EM15020T	50.52	EM15020C	53.96
3/8	3/8	3/4	2-1/2	2	EM15024	39.06	EM15024T	50.52	EM15024C	53.96
7/16	3/8	1"	2-11/16	2	EM15028	50.19	EM15028T	65.90	EM15028C	70.60
1/2	1/2	1-1/4	3-1/4	2	EM15032	54.17	EM15032T	69.88	EM15032C	74.58
5/8	5/8	1-5/8	3-3/4	2	EM15040	71.80	EM15040T	95.99	EM15040C	103.25
5/8	1/2	1-3/8	3-3/8	2	EM15240	76.64	EM15240T	100.83	EM15240C	108.09
3/4	3/4	1-5/8	3-7/8	2	EM15048	81.02	EM15048T	115.40	EM15048C	125.72
3/4	1/2	1-5/8	3-5/8	2	EM15248	86.90	EM15248T	121.29	EM15248C	131.60
7/8	7/8	1-7/8	4-1/8	2	EM15056	115.69	EM15056T	165.77	EM15056C	180.80
7/8	3/4	1-7/8	4-1/8	2	EM15256	115.69	EM15256T	150.07	EM15256C	160.38
1"	1"	2"	4-1/2	2	EM15100	133.94	EM15100T	184.03	EM15100C	199.06
1"	3/4	1-7/8	4-1/8	2	EM15300	143.16	EM15300T	177.54	EM15300C	187.86
1-1/4	1-1/4	2"	4-1/2	2	EM15116	204.68	EM15116T	292.97	EM15116C	319.46
1-1/2	1-1/4	2"	4-1/2	2	EM15132	253.38	EM15132T	341.58	EM15132C	368.16
1-3/4	1-1/4	2"	4-1/2	2	EM15148	336.08	EM15148T	424.38	EM15148C	450.86
2"	1-1/4	2"	4-1/2	2	EM15200	401.59	EM15200T	489.89	EM15200C	516.37
2"	2"	3"	6-3/4	2	EM15203	602.27	EM15203T	810.69	EM15203C	873.21
2"	2"	4"	7-3/4	2	EM15204	692.74	EM15204T	901.14	EM15204C	963.66

**WELDON SHANK END MILL - BALL END - 2 FLUTE - HSS**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - BOUT SPHERIQUE - ACIER RAPIDE**

**EM54**



**2F HSS BN**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/8	3/8	3/8	2-5/16	2	EM54008	27.04	EM54008T	31.28	EM54008C	32.56
3/16	3/8	1/2	2-3/8	2	EM54012	27.04	EM54012T	33.39	EM54012C	35.31
1/4	3/8	5/8	2-7/16	2	EM54016	27.04	EM54016T	35.94	EM54016C	38.62
5/16	3/8	3/4	2-1/2	2	EM54020	27.04	EM54020T	38.49	EM54020C	41.93
3/8	3/8	3/4	2-1/2	2	EM54024	27.04	EM54024T	38.49	EM54024C	41.93
7/16	1/2	1"	3"	2	EM54128	38.42	EM54128T	54.14	EM54128C	58.84
1/2	1/2	1"	3"	2	EM54132	38.42	EM54132T	54.14	EM54132C	58.84
5/8	5/8	1-3/8	3-1/2	2	EM54240	63.84	EM54240T	88.02	EM54240C	95.29
3/4	3/4	1-5/8	3-7/8	2	EM54348	81.85	EM54348T	116.22	EM54348C	126.55
7/8	7/8	2"	4-1/4	2	EM54456	94.25	EM54456T	144.34	EM54456C	159.37
1"	1"	2-1/4	4-3/4	2	EM54564	115.53	EM54564T	165.62	EM54564C	180.64
1-1/8	1"	2-1/4	4-3/4	2	EM54572	164.70	EM54572T	214.80	EM54572C	229.82
1-1/4	1-1/4	2-1/2	5"	2	EM54680	176.83	EM54680T	265.11	EM54680C	291.62
1-1/2	1-1/4	2-1/2	5"	2	EM54696	250.98	EM54696T	339.28	EM54696C	365.77

**WELDON SHANK SLOT DRILL - BALL END - 2 FLUTE - COBALT**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - BOUT SPHERIQUE - COBALT**

**MC59**



**2F M42 BN**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
2.0	6.0	4.0	48.0	2	MC59502	53.52	MC59502T	57.77	MC59502C	59.04
3.0	6.0	5.0	49.0	2	MC59503	52.38	MC59503T	56.64	MC59503C	57.91
4.0	6.0	7.0	51.0	2	MC59504	52.38	MC59504T	56.75	MC59504C	60.66
5.0	6.0	8.0	52.0	2	MC59505	52.38	MC59505T	61.30	MC59505C	63.97
6.0	6.0	8.0	52.0	2	MC59506	52.38	MC59506T	61.30	MC59506C	63.97
8.0	10.0	11.0	61.0	2	MC59508	54.32	MC59508T	65.77	MC59508C	69.22
10.0	12.0	13.0	63.0	2	MC59510	71.62	MC59510T	67.33	MC59510C	92.04
12.0	12.0	16.0	73.0	2	MC59512	87.72	MC59512T	103.43	MC59512C	108.13
14.0	16.0	16.0	73.0	2	MC59514	112.92	MC59514T	137.11	MC59514C	144.38
16.0	16.0	19.0	79.0	2	MC59516	116.05	MC59516T	150.43	MC59516C	160.74
18.0	16.0	19.0	79.0	2	MC59518	137.69	MC59518T	172.06	MC59518C	182.39
20.0	20.0	22.0	88.0	2	MC59520	153.48	MC59520T	203.56	MC59520C	218.59

**WELDON SHANK END MILL - STANDARD LENGTH - BALL END - 2 FLUTE - FOR ALUMINUM**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - LONGEUR REG. - BOUT SPHERIQUE - POUR ALUMINIUM**

**EM18**



**2F BN ALUM**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
3/16	3/8	5/8	2-1/2	2	EM18012	52.50	EM18012T	58.85	EM18012C	60.78
1/4	3/8	5/8	2-1/2	2	EM18016	63.20	EM18016T	72.10	EM18016C	74.78
5/16	3/8	3/4	2-1/2	2	EM18020	68.25	EM18020T	79.70	EM18020C	83.14
3/8	3/8	3/4	2-1/2	2	EM18024	68.25	EM18024T	79.70	EM18024C	83.14
7/16	3/8	1"	2-11/16	2	EM18028	90.25	EM18028T	105.97	EM18028C	110.67
1/2	1/2	1-1/4	3-1/4	2	EM18032	93.84	EM18032T	109.55	EM18032C	114.26
5/8	5/8	1-5/8	3-3/4	2	EM18040	129.72	EM18040T	153.92	EM18040C	161.18
5/8	1/2	1-3/8	3-3/8	2	EM18240	129.72	EM18240T	153.92	EM18240C	161.18
3/4	3/4	1-5/8	3-7/8	2	EM18048	145.27	EM18048T	179.66	EM18048C	189.98
3/4	1/2	1-5/8	3-5/8	2	EM18248	145.27	EM18248T	179.66	EM18248C	189.98
7/8	7/8	1-7/8	4-1/8	2	EM18056	176.76	EM18056T	226.85	EM18056C	241.88
7/8	3/4	1-7/8	4-1/8	2	EM18256	176.76	EM18256T	226.85	EM18256C	241.88
1"	1"	2"	4-1/2	2	EM18100	218.12	EM18100T	268.20	EM18100C	283.24
1"	3/4	1-7/8	4-1/8	2	EM18300	218.12	EM18300T	268.20	EM18300C	283.24
1-1/4	1-1/4	2"	4-1/2	2	EM18116	251.71	EM18116T	340.00	EM18116C	366.48
1-1/2	1-1/4	2"	4-1/2	2	EM18132	300.18	EM18132T	388.48	EM18132C	414.96
1-3/4	1-1/4	2"	4-1/2	2	EM18148	432.22	EM18148T	520.52	EM18148C	547.01
2"	1-1/4	2"	4-1/2	2	EM18200	512.85	EM18200T	601.14	EM18200C	627.63



**WELDON SHANK END MILL - LONG SERIES - 2 FLUTE - HSS**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - SERIE LONGUE - ACIER RAPIDE**

**EM52**



**2F HSS LS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-1/4	3-1/16	2	EM52016	27.78	EM52016T	36.70	EM52016C	39.38
5/16	3/8	1-3/8	3-1/8	2	EM52020	27.78	EM52020T	39.25	EM52020C	42.68
3/8	3/8	1-1/2	3-1/4	2	EM52024	27.78	EM52024T	39.25	EM52024C	42.68
1/2	1/2	2"	4"	2	EM52132	34.27	EM52132T	49.99	EM52132C	54.69
5/8	5/8	2"	4-1/8	2	EM52240	58.94	EM52240T	83.13	EM52240C	90.38
3/4	3/4	2-1/4	4-1/2	2	EM52348	76.67	EM52348T	111.06	EM52348C	121.36
7/8	7/8	2-1/2	4-3/4	2	EM52456	88.47	EM52456T	138.57	EM52456C	153.59
1"	1"	3"	5-1/2	2	EM52564	123.50	EM52564T	173.60	EM52564C	188.62
1-1/8	1"	3"	5-1/2	2	EM52572	166.20	EM52572T	216.29	EM52572C	231.32
1-1/4	1-1/4	3"	5-1/2	2	EM52680	180.97	EM52680T	269.25	EM52680C	295.73
1-1/2	1-1/4	3"	5-1/2	2	EM52696	261.03	EM52696T	349.32	EM52696C	375.81
1-3/4	1-1/4	3"	5-1/2	2	EM52712	342.73	EM52712T	431.04	EM52712C	457.52
2"	1-1/4	3"	5-1/2	2	EM52728	404.04	EM52728T	492.35	EM52728C	518.83

**WELDON SHANK END MILL - LONG SERIES - 2 FLUTE - COBALT**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - SERIE LONGUE - COBALT**

**EM03**



**2F M42 LS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-1/4	3-1/16	2	EM03016	46.85	EM03016T	55.78	EM03016C	58.44
5/16	3/8	1-3/8	3-1/8	2	EM03020	48.70	EM03020T	60.17	EM03020C	63.60
3/8	3/8	1-1/2	3-1/4	2	EM03024	49.97	EM03024T	61.43	EM03024C	64.86
1/2	1/2	2"	4"	2	EM03132	65.76	EM03132T	81.48	EM03132C	86.18
5/8	5/8	2"	4-1/8	2	EM03240	79.73	EM03240T	103.92	EM03240C	111.17
3/4	3/4	2-1/4	4-1/2	2	EM03348	97.26	EM03348T	131.65	EM03348C	141.95
7/8	7/8	2-1/2	4-3/4	2	EM03456	120.21	EM03456T	170.31	EM03456C	185.35
1"	1"	3"	5-1/2	2	EM03564	161.33	EM03564T	211.42	EM03564C	226.44
1-1/4	1-1/4	3"	5-1/2	2	EM03680	267.56	EM03680T	355.86	EM03680C	382.34
1-1/2	1-1/4	3"	5-1/2	2	EM03696	322.51	EM03696T	410.79	EM03696C	437.28

**WELDON SHANK SLOT DRILL - LONG SERIES - 2 FLUTE - COBALT**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - SERIE LONGUE - COBALT**

**MC58**



**2F M42 LS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
2.0	6.0	7.0	54.0	2	MC58520	45.18	MC58520T	49.43	MC58520C	50.70
3.0	6.0	8.0	56.0	2	MC58530	43.95	MC58530T	48.21	MC58530C	49.48
4.0	6.0	11.0	63.0	2	MC58540	43.95	MC58540T	50.32	MC58540C	52.24
5.0	6.0	13.0	68.0	2	MC58550	43.95	MC58550T	52.87	MC58550C	55.55
6.0	6.0	13.0	68.0	2	MC58560	43.95	MC58560T	52.87	MC58560C	55.55
7.0	10.0	16.0	80.0	2	MC58570	72.51	MC58570T	84.06	MC58570C	87.51
8.0	10.0	19.0	88.0	2	MC58580	64.54	MC58580T	76.00	MC58580C	79.43
9.0	10.0	19.0	88.0	2	MC58590	75.43	MC58590T	86.89	MC58590C	90.33
10.0	10.0	22.0	95.0	2	MC58600	63.72	MC58600T	79.43	MC58600C	84.15
12.0	12.0	26.0	110.0	2	MC58620	78.67	MC58620T	94.37	MC58620C	99.08
14.0	12.0	26.0	110.0	2	MC58640	94.37	MC58640T	118.57	MC58640C	125.82
16.0	16.0	32.0	123.0	2	MC58660	104.87	MC58660T	139.25	MC58660C	149.56
18.0	16.0	32.0	123.0	2	MC58680	133.12	MC58680T	167.50	MC58680C	177.81
20.0	20.0	38.0	141.0	2	MC58700	149.24	MC58700T	199.32	MC58700C	214.35

**WELDON SHANK END MILL - LONG SERIES - 2 FLUTE - FOR ALUMINUM**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - SERIE LONGUE - POUR ALUMINIUM**

**EM16**



**2F LS ALUM**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-1/4	3-1/8	2	EM16016	46.60	EM16016T	55.52	EM16016C	58.19
5/16	3/8	1-3/8	3-1/8	2	EM16020	46.60	EM16020T	58.07	EM16020C	61.51
3/8	3/8	1-1/2	3-1/4	2	EM16024	46.60	EM16024T	58.07	EM16024C	61.51
7/16	1/2	1-3/4	3-3/4	2	EM16028	63.81	EM16028T	79.52	EM16028C	84.23
1/2	1/2	2"	4"	2	EM16032	64.88	EM16032T	80.59	EM16032C	85.30
5/8	5/8	2-1/2	4-5/8	2	EM16040	86.72	EM16040T	110.91	EM16040C	118.17
3/4	3/4	3"	5-1/4	2	EM16048	113.58	EM16048T	147.96	EM16048C	158.28
7/8	7/8	3-1/2	5-3/4	2	EM16056	152.82	EM16056T	202.90	EM16056C	217.93
1"	1"	4"	6-1/2	2	EM16100	192.93	EM16100T	243.02	EM16100C	258.05
1"	1"	3"	5-1/2	2	EM16300	172.38	EM16300T	222.46	EM16300C	237.49
1-1/4	1-1/4	4"	6-1/2	2	EM16116	276.06	EM16116T	364.35	EM16116C	390.84
1-1/4	1-1/4	3"	5-1/2	2	EM16316	250.80	EM16316T	339.17	EM16316C	365.85
1-1/2	1-1/4	4"	6-1/2	2	EM16132	349.95	EM16132T	438.25	EM16132C	464.73
1-1/2	1-1/4	3"	5-1/2	2	EM16332	317.21	EM16332T	405.49	EM16332C	431.98
1-3/4	1-1/4	4"	6-1/2	2	EM16148	487.02	EM16148T	575.31	EM16148C	601.79
1-3/4	1-1/4	3"	5-1/2	2	EM16348	434.35	EM16348T	522.64	EM16348C	549.13
2"	1-1/4	3"	5-1/2	2	EM16203	507.39	EM16203T	595.68	EM16203C	622.17
2"	1-1/4	4"	6-1/2	2	EM16204	564.26	EM16204T	652.55	EM16204C	679.05
2"	2"	6"	9-3/4	2	EM16206	845.13	EM16206T	1053.54	EM16206C	1116.08
2"	2"	8"	11-3/4	2	EM16208	1007.41	EM16208T	1215.82	EM16208C	1278.33



**WELDON SHANK SLOT DRILL - LONG SERIES - BALL END - 2 FLUTE - COBALT**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - SERIE LONGUE - BOUT SPHERIQUE - COBALT**

**MC59**



**2F LS BN**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3.0	6.0	8.0	56.0	2	MC59603	62.13	MC59603T	66.38	MC59603C	67.65
4.0	6.0	11.0	53.0	2	MC59604	62.13	MC59604T	68.50	MC59604C	70.40
5.0	6.0	13.0	68.0	2	MC59605	62.13	MC59605T	71.04	MC59605C	73.71
6.0	6.0	13.0	68.0	2	MC59606	62.13	MC59606T	71.04	MC59606C	73.71
8.0	10.0	19.0	88.0	2	MC59608	86.16	MC59608T	97.63	MC59608C	101.06
10.0	10.0	22.0	95.0	2	MC59610	110.16	MC59610T	125.86	MC59610C	130.57
12.0	12.0	26.0	110.0	2	MC59612	121.97	MC59612T	137.58	MC59612C	142.39
14.0	12.0	26.0	110.0	2	MC59614	180.17	MC59614T	204.37	MC59614C	211.63
16.0	16.0	32.0	123.0	2	MC59616	194.33	MC59616T	228.72	MC59616C	239.03
18.0	16.0	32.0	123.0	2	MC59618	216.36	MC59618T	250.74	MC59618C	261.06
20.0	20.0	38.0	141.0	2	MC59620	228.20	MC59620T	278.28	MC59620C	293.31
22.0	20.0	38.0	104.0	2	MC59622	421.00	MC59622T	471.10	MC59622C	486.13
25.0	25.0	45.0	121.0	2	MC59625	472.14	MC59625T	522.24	MC59625C	537.27
28.0	25.0	45.0	121.0	2	MC59628	601.97	MC59628T	652.05	MC59628C	667.08
30.0	25.0	45.0	121.0	2	MC59630	680.68	MC59630T	730.77	MC59630C	745.79

**WELDON SHANK END MILL - LONG SERIES - BALL END - 2 FLUTE - FOR ALUMINUM**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - SERIE LONGUE - BOUT SPHERIQUE - POUR ALUMINIUM**

**EM19**



**2F BN ALUM**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-1/4	3-1/8	2	EM19016	82.49	EM19016T	91.41	EM19016C	94.08
5/16	3/8	1-3/8	3-1/8	2	EM19020	82.49	EM19020T	93.95	EM19020C	97.40
3/8	3/8	1-1/2	3-1/4	2	EM19024	82.49	EM19024T	93.95	EM19024C	97.40
7/16	1/2	1-3/4	3-3/4	2	EM19028	110.43	EM19028T	126.14	EM19028C	130.84
1/2	1/2	2"	4"	2	EM19032	117.98	EM19032T	133.58	EM19032C	138.40
5/8	5/8	2-1/2	4-5/8	2	EM19040	161.03	EM19040T	185.22	EM19040C	192.48
3/4	3/4	3"	5-1/4	2	EM19048	201.10	EM19048T	235.47	EM19048C	245.79
7/8	7/8	3-1/2	5-3/4	2	EM19056	235.32	EM19056T	285.41	EM19056C	300.45
1"	1"	4"	6-1/2	2	EM19100	306.92	EM19100T	357.00	EM19100C	372.03
1-1/4	1-1/4	4"	6-1/2	2	EM19116	371.36	EM19116T	459.66	EM19116C	486.15
1-1/2	1-1/4	4"	6-1/2	2	EM19132	468.12	EM19132T	566.41	EM19132C	582.91
1-3/4	1-1/4	4"	6-1/2	2	EM19148	677.42	EM19148T	785.71	EM19148C	792.20
2"	1-1/4	4"	6-1/2	2	EM19204	725.69	EM19204T	813.99	EM19204C	840.47

**WELDON SHANK END MILL - EXTRA LONG - 2 FLUTE - FOR ALUMINUM**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - SERIE EXTRA LONGUE - POUR ALUMINIUM**

**EM17**



**2F XL ALUM**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-3/4	3-9/16	2	EM17016	51.23	EM17016T	60.15	EM17016C	62.82
5/16	3/8	2"	3-3/4	2	EM17020	52.50	EM17020T	63.96	EM17020C	67.40
3/8	3/8	2-1/2	4-1/4	2	EM17024	56.06	EM17024T	67.53	EM17024C	70.97
7/16	1/2	2-3/4	4-3/4	2	EM17028	76.23	EM17028T	91.94	EM17028C	96.64
1/2	1/2	3"	5"	2	EM17032	76.23	EM17032T	91.94	EM17032C	96.64
5/8	5/8	4"	6-1/8	2	EM17040	106.88	EM17040T	131.06	EM17040C	138.32
3/4	3/4	4"	6-1/4	2	EM17048	134.99	EM17048T	169.38	EM17048C	179.69
7/8	7/8	5"	7-1/4	2	EM17056	173.19	EM17056T	223.28	EM17056C	238.31
1"	1"	6"	8-1/2	2	EM17100	237.44	EM17100T	287.52	EM17100C	302.55
1-1/4	1-1/4	6"	8-1/2	2	EM17116	346.79	EM17116T	435.08	EM17116C	461.57
1-1/2	1-1/4	6"	8-1/2	2	EM17332	423.62	EM17332T	511.92	EM17332C	538.40
1-1/2	1-1/4	8"	10-1/2	2	EM17132	491.03	EM17132T	579.32	EM17132C	605.81

**WELDON SHANK END MILL - EXTRA LONG SERIES - BALL END - 2 FLUTE - FOR ALUMINUM**  
**FRAISES A DEUX CANNELURES - QUEUE WELDON - SERIE EXTRA LONGUE - BOUT SPHERIQUE - POUR ALUMINIUM**

**EM20**



**2F XL BN ALUM**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-3/4	3-9/16	2	EM20016	91.11	EM20016T	100.02	EM20016C	102.70
5/16	3/8	2"	3-3/4	2	EM20020	91.11	EM20020T	102.56	EM20020C	106.01
3/8	3/8	2-1/2	4-1/4	2	EM20024	96.99	EM20024T	108.44	EM20024C	111.88
7/16	1/2	2-3/4	4-3/4	2	EM20028	134.99	EM20028T	150.70	EM20028C	155.41
1/2	1/2	3"	5"	2	EM20032	134.99	EM20032T	150.70	EM20032C	155.41
5/8	5/8	4"	6-1/8	2	EM20040	196.29	EM20040T	220.48	EM20040C	227.75
3/4	3/4	4"	6-1/4	2	EM20048	228.82	EM20048T	263.20	EM20048C	273.50
7/8	7/8	5"	7-1/4	2	EM20056	218.12	EM20056T	268.20	EM20056C	283.24
1"	1"	6"	8-1/2	2	EM20100	338.21	EM20100T	388.29	EM20100C	403.32
1-1/4	1-1/4	6"	8-1/2	2	EM20116	399.68	EM20116T	487.98	EM20116C	514.46
1-1/2	1-1/4	6"	8-1/2	2	EM20332	525.01	EM20332T	613.29	EM20332C	639.78
1-1/2	1-1/4	8"	10-1/2	2	EM20132	557.77	EM20132T	646.05	EM20132C	672.55



CLARKSON FC3 MULTI PURPOSE CUTTERS - COBALT - WELDON SHANK  
 FRAISES UNIVERSELLES CLARKSON FC3 - COBALT - QUEUE WELDON

CM60



FC3

END MILLS - WELDON SHANK

FRAISES EN BOUT - QUEUE WELDON

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
<b>SHORT - COURTE</b>										
1/16	1/4	3/32	31/32	3	CM60004	17.15	CM60004T	21.39	CM60004C	22.67
3/32	1/4	5/32	1-1/64	3	CM60006	17.15	CM60006T	21.39	CM60006C	22.67
1/8	1/4	3/16	1-1/32	3	CM60008	17.15	CM60008T	21.39	CM60008C	22.67
5/32	1/4	1/4	1-9/32	3	CM60010	17.15	CM60010T	23.52	CM60010C	25.42
3/16	1/4	9/32	1-11/32	3	CM60012	17.15	CM60012T	23.52	CM60012C	25.42
7/32	1/4	5/16	1-13/32	3	CM60014	17.15	CM60014T	26.06	CM60014C	28.73
1/4	1/4	3/8	1-13/32	3	CM60016	17.15	CM60016T	26.06	CM60016C	28.73
<b>LONG - LONGUE</b>										
1/16	1/4	5/32	1-3/32	3	CM60204	18.90	CM60204T	23.14	CM60204C	24.41
5/64	1/4	7/32	1-3/16	3	CM60205	18.90	CM60205T	23.14	CM60205C	24.41
3/32	1/4	1/4	1-1/4	3	CM60206	18.90	CM60206T	23.14	CM60206C	24.41
7/64	1/4	9/32	1-9/32	3	CM60207	18.90	CM60207T	23.14	CM60207C	24.41
1/8	1/4	5/16	1-11/32	3	CM60208	18.90	CM60208T	23.14	CM60208C	24.41
9/64	1/4	11/32	1-7/16	3	CM60209	18.90	CM60209T	25.26	CM60209C	27.16
5/32	1/4	3/8	1-17/32	3	CM60210	18.90	CM60210T	25.26	CM60210C	27.16
11/64	1/4	13/32	1-19/32	3	CM60211	18.90	CM60211T	25.26	CM60211C	27.16
3/16	1/4	7/16	1-21/32	3	CM60212	18.90	CM60212T	25.26	CM60212C	27.16
13/64	1/4	15/32	1-11/16	3	CM60213	18.90	CM60213T	27.80	CM60213C	30.48
7/32	1/4	1/2	1-3/4	3	CM60214	18.90	CM60214T	27.80	CM60214C	30.48
15/64	1/4	9/16	1-13/16	3	CM60215	18.90	CM60215T	27.80	CM60215C	30.48
1/4	1/4	5/8	1-3/4	3	CM60216	18.90	CM60216T	27.80	CM60216C	30.48
<b>BALL END - BOUT SPHERIQUE</b>										
1/16	1/4	1/8	1-1/4	3	CM60404	22.17	CM60404T	26.41	CM60404C	27.69
3/32	1/4	3/16	1-3/8	3	CM60406	22.17	CM60406T	26.41	CM60406C	27.69
1/8	1/4	5/16	1-11/32	3	CM60408	22.17	CM60408T	26.41	CM60408C	27.69
5/32	1/4	3/8	1-17/32	3	CM60410	22.17	CM60410T	28.52	CM60410C	30.43
3/16	1/4	7/16	1-21/32	3	CM60412	22.17	CM60412T	28.52	CM60412C	30.43
7/32	1/4	1/2	1-3/4	3	CM60414	22.17	CM60414T	31.07	CM60414C	33.75
1/4	1/4	5/8	1-3/4	3	CM60416	22.17	CM60416T	31.07	CM60416C	33.75
<b>WITH CHIPBREAKER FORM FORME BRISE COPEAUX</b>										
1/8	1/4	5/16	1-11/32	3	CM60508	22.83	CM60508T	27.07	CM60508C	28.33
9/64	1/4	11/32	1-7/16	3	CM60509	22.83	CM60509T	29.18	CM60509C	31.09
5/32	1/4	3/8	1-17/32	3	CM60510	22.83	CM60510T	29.18	CM60510C	31.09
11/64	1/4	13/32	1-19/32	3	CM60511	22.83	CM60511T	29.18	CM60511C	31.09
3/16	1/4	7/16	1-21/32	3	CM60512	22.83	CM60512T	29.18	CM60512C	31.09
13/64	1/4	15/32	1-11/16	3	CM60513	22.83	CM60513T	31.73	CM60513C	34.41
7/32	1/4	1/2	1-3/4	3	CM60514	22.83	CM60514T	31.73	CM60514C	34.41
15/64	1/4	9/16	1-13/16	3	CM60515	22.83	CM60515T	31.73	CM60515C	34.41
1/4	1/4	5/8	1-3/4	3	CM60516	22.83	CM60516T	31.73	CM60516C	34.41

**CLARKSON FC3 MULTI PURPOSE CUTTERS - COBALT - WELDON SHANK - METRIC**  
**FRAISES UNIVERSELLES CLARKSON FC3 - COBALT - QUEUE WELDON - METRIQUE**

**CM61**



**FC3**

END MILLS - WELDON SHANK

FRAISES EN BOUT - QUEUE WELDON

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
<i>Short - Courte</i>										
1.0	6.0	2.0	24.5	2	CM61010	43.08	CM61010T	47.33	CM61010C	48.60
1.5	6.0	2.5	24.5	3	CM61015	17.34	CM61015T	21.58	CM61015C	22.86
2.0	6.0	3.0	25.5	3	CM61020	17.15	CM61020T	21.39	CM61020C	22.67
2.5	6.0	4.0	26.0	3	CM61025	17.15	CM61025T	21.39	CM61025C	22.67
2.8	6.0	4.5	28.0	3	CM61028	17.15	CM61028T	21.39	CM61028C	22.67
3.0	6.0	4.5	28.0	3	CM61030	17.15	CM61030T	21.39	CM61030C	22.67
3.5	6.0	5.5	30.0	3	CM61035	17.15	CM61035T	23.52	CM61035C	25.42
3.8	6.0	6.5	32.5	3	CM61038	17.15	CM61038T	23.52	CM61038C	25.42
4.0	6.0	6.5	32.5	3	CM61040	17.15	CM61040T	23.52	CM61040C	25.42
4.5	6.0	7.5	36.0	3	CM61045	17.15	CM61045T	23.52	CM61045C	25.42
4.8	6.0	7.5	36.0	3	CM61048	17.15	CM61048T	26.06	CM61048C	28.73
5.0	6.0	7.5	36.0	3	CM61050	17.15	CM61050T	26.06	CM61050C	28.73
5.5	6.0	7.5	36.0	3	CM61055	18.11	CM61055T	27.04	CM61055C	29.70
5.8	6.0	9.5	36.0	3	CM61057	17.15	CM61057T	26.06	CM61057C	28.73
6.0	6.0	9.5	36.0	3	CM61060	17.15	CM61060T	26.06	CM61060C	28.73
6.0	10.0	10.0	43.5	3	CM61660	26.39	CM61660T	35.29	CM61660C	37.97
7.0	10.0	10.5	46.0	3	CM61670	26.39	CM61670T	37.84	CM61670C	41.28
8.0	10.0	11.0	47.5	3	CM61680	26.39	CM61680T	37.84	CM61680C	41.28
9.0	10.0	13.0	51.0	3	CM61690	26.39	CM61690T	37.84	CM61690C	41.28
10.0	10.0	13.0	51.5	3	CM61700	26.39	CM61700T	42.09	CM61700C	46.80
<i>Long - Longue</i>										
1.5	6.0	4.0	28.0	3	CM61215	18.90	CM61215T	23.14	CM61215C	24.41
2.0	6.0	4.5	29.0	3	CM61220	18.90	CM61220T	23.14	CM61220C	24.41
2.5	6.0	6.5	32.0	3	CM61225	18.90	CM61225T	23.14	CM61225C	24.41
3.0	6.0	7.5	34.0	3	CM61230	18.90	CM61230T	23.14	CM61230C	24.41
3.5	6.0	8.5	36.5	3	CM61235	18.90	CM61235T	25.26	CM61235C	27.16
4.0	6.0	9.5	39.0	3	CM61240	18.90	CM61240T	25.26	CM61240C	27.16
4.5	6.0	11.0	42.0	3	CM61245	18.90	CM61245T	25.26	CM61245C	27.16
5.0	6.0	12.5	44.5	3	CM61250	18.90	CM61250T	27.80	CM61250C	30.48
5.5	6.0	14.5	46.0	3	CM61255	18.90	CM61255T	27.80	CM61255C	30.48
6.0	6.0	16.0	44.5	3	CM61260	18.90	CM61260T	27.80	CM61260C	30.48
6.0	10.0	16.0	50.0	3	CM61306	28.37	CM61306T	37.28	CM61306C	39.95
8.0	10.0	19.0	55.5	3	CM61308	28.37	CM61308T	39.83	CM61308C	43.26
10.0	10.0	22.5	61.0	3	CM61310	28.37	CM61310T	44.07	CM61310C	48.78
<i>Ball End - Bout Spherique</i>										
2.0	6.0	3.0	31.5	2	CM61420	22.17	CM61420T	26.41	CM61420C	27.69
2.5	6.0	4.5	35.0	2	CM61425	22.17	CM61425T	26.41	CM61425C	27.69
3.0	6.0	7.5	34.0	3	CM61430	22.17	CM61430T	26.41	CM61430C	27.69
4.0	6.0	9.5	39.0	3	CM61440	22.17	CM61440T	28.52	CM61440C	30.43
5.0	6.0	12.5	44.5	3	CM61450	22.17	CM61450T	31.07	CM61450C	33.75
6.0	6.0	16.0	44.5	3	CM61460	22.17	CM61460T	31.07	CM61460C	33.75
<i>Long Chipbreaker - Brise-Copeaux Longue</i>										
3.0	6.0	7.5	34.0	3	CM61530	22.83	CM61530T	27.07	CM61530C	28.33
3.5	6.0	8.5	36.5	3	CM61535	22.83	CM61535T	29.18	CM61535C	31.09
4.0	6.0	9.5	39.0	3	CM61540	22.83	CM61540T	29.18	CM61540C	31.09
4.5	6.0	11.0	42.0	3	CM61545	22.83	CM61545T	29.18	CM61545C	31.09
5.0	6.0	12.5	44.5	3	CM61550	22.83	CM61550T	31.73	CM61550C	34.41
5.5	6.0	14.5	46.0	3	CM61555	22.83	CM61555T	31.73	CM61555C	34.41
6.0	6.0	16.0	44.5	3	CM61560	22.83	CM61560T	31.73	CM61560C	34.41



**WELDON SHANK END MILL - STANDARD LENGTH - 3 FLUTE - HSS**  
**FRAISES A TROIS CANNELURES - QUEUE WELDON - LONGEUR REG. - ACIER RAPIDE**

**EM56**



**3F HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/8	3/8	3/8	2-5/16	3	EM56008	45.80	EM56008T	50.04	EM56008C	51.32
3/16	3/8	7/16	2-5/16	3	EM56012	45.80	EM56012T	52.16	EM56012C	54.08
1/4	3/8	1/2	2-5/16	3	EM56016	45.80	EM56016T	54.71	EM56016C	57.38
5/16	3/8	9/16	2-5/16	3	EM56020	45.80	EM56020T	57.26	EM56020C	60.69
3/8	3/8	9/16	2-5/16	3	EM56024	45.80	EM56024T	57.26	EM56024C	60.69
7/16	3/8	13/16	2-1/2	3	EM56028	64.31	EM56028T	80.02	EM56028C	84.72
1/2	1/2	1"	3"	3	EM56132	74.36	EM56132T	90.08	EM56132C	94.78
9/16	1/2	1-1/8	3-1/8	3	EM56136	90.26	EM56136T	114.45	EM56136C	121.72
5/8	5/8	1-5/16	3-7/16	3	EM56240	90.26	EM56240T	114.45	EM56240C	121.72
3/4	3/4	1-5/16	3-7/16	3	EM56348	91.42	EM56348T	125.79	EM56348C	136.11
7/8	3/4	1-1/2	3-3/4	3	EM56356	127.46	EM56356T	161.84	EM56356C	172.16
1"	1"	1-5/8	4-1/8	3	EM56564	153.60	EM56564T	203.70	EM56564C	218.73

**WELDON SHANK - THREE FLUTE SUPERMILL - COBALT**  
**FRAISES A TROIS CANNELURES SUPERMILL - QUEUE WELDON - COBALT**

**MC60**



**3F M42**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3.0	6.0	8.0	52.0	3	MC60530	39.40	MC60530T	43.65	MC60530C	44.92
3.5	6.0	10.0	54.0	3	MC60535	40.88	MC60535T	47.24	MC60535C	49.15
4.0	6.0	11.0	55.0	3	MC60540	39.40	MC60540T	45.77	MC60540C	47.67
4.5	6.0	11.0	55.0	3	MC60545	40.88	MC60545T	47.24	MC60545C	49.15
5.0	6.0	13.0	57.0	3	MC60550	39.40	MC60550T	48.31	MC60550C	50.98
5.5	6.0	13.0	57.0	3	MC60555	40.88	MC60555T	49.79	MC60555C	52.47
6.0	6.0	13.0	57.0	3	MC60560	39.40	MC60560T	48.31	MC60560C	50.98
8.0	10.0	19.0	69.0	3	MC60580	45.23	MC60580T	56.70	MC60580C	60.14
10.0	10.0	22.0	72.0	3	MC60600	60.18	MC60600T	75.88	MC60600C	80.59
12.0	12.0	26.0	83.0	3	MC60620	60.60	MC60620T	76.30	MC60620C	81.01
14.0	12.0	26.0	83.0	3	MC60640	76.31	MC60640T	100.51	MC60640C	107.76
16.0	16.0	32.0	92.0	3	MC60660	94.43	MC60660T	128.08	MC60660C	138.18
18.0	16.0	32.0	92.0	3	MC60680	120.00	MC60680T	153.67	MC60680C	163.76
20.0	20.0	38.0	104.0	3	MC60700	127.84	MC60700T	177.93	MC60700C	192.95
22.0	20.0	38.0	104.0	3	MC60720	171.55	MC60720T	221.63	MC60720C	236.66
24.0	25.0	45.0	121.0	3	MC60740	208.53	MC60740T	258.62	MC60740C	273.64
25.0	25.0	45.0	121.0	3	MC60750	204.58	MC60750T	254.57	MC60750C	269.69
26.0	25.0	45.0	121.0	3	MC60760	251.80	MC60760T	301.89	MC60760C	316.91
28.0	25.0	45.0	121.0	3	MC60780	264.37	MC60780T	314.45	MC60780C	329.48
30.0	25.0	45.0	121.0	3	MC60830	299.81	MC60830T	349.89	MC60830C	364.92
32.0	32.0	53.0	133.0	3	MC60932	343.09	MC60932T	465.76	MC60932C	502.56
40.0	32.0	63.0	143.0	3	MC60940	605.91	MC60940T	728.53	MC60940C	765.39
50.0	32.0	75.0	155.0	3	MC60950	841.98	MC60950T	964.66	MC60950C	1001.45

**WELDON SHANK ALIMILLS - HIGH HELIX - 3 FLUTE - COBALT**  
**FRAISES A TROIS CANNELURES WELDON ALIMILLS - COBALT**

**MC63**



**3F M42 ALUM**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
6.0	6.0	13.0	57.0	3	MC63506	46.16	MC63506T	55.08	MC63506C	57.75
8.0	10.0	19.0	69.0	3	MC63508	53.00	MC63508T	64.46	MC63508C	67.90
10.0	10.0	22.0	72.0	3	MC63510	66.81	MC63510T	82.51	MC63510C	87.23
12.0	12.0	26.0	83.0	3	MC63512	80.94	MC63512T	96.64	MC63512C	101.37
16.0	16.0	32.0	92.0	3	MC63516	129.87	MC63516T	164.25	MC63516C	174.57
20.0	20.0	36.0	104.0	3	MC63520	160.26	MC63520T	210.36	MC63520C	225.37
25.0	25.0	45.0	121.0	3	MC63525	222.57	MC63525T	272.67	MC63525C	287.70

**WELDON SHANK - THREE FLUTE SUPERMILL - LONG SERIES - COBALT**  
**FRAISES A TROIS CANNELURES SUPERMILL - QUEUE WELDON - SERIE LONGUE - COBALT**

**MC61**



**3F M42 LS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3.0	6.0	12.0	56.0	3	MC61530	48.46	MC61530T	52.71	MC61530C	53.98
4.0	6.0	19.0	63.0	3	MC61540	48.46	MC61540T	54.83	MC61540C	56.73
5.0	6.0	24.0	68.0	3	MC61550	48.46	MC61550T	57.37	MC61550C	60.04
6.0	6.0	24.0	68.0	3	MC61560	48.46	MC61560T	57.37	MC61560C	60.04
8.0	10.0	38.0	88.0	3	MC61580	73.23	MC61580T	84.69	MC61580C	88.14
10.0	10.0	45.0	95.0	3	MC61600	72.37	MC61600T	88.06	MC61600C	92.79
12.0	12.0	53.0	110.0	3	MC61620	81.43	MC61620T	97.15	MC61620C	101.85
14.0	12.0	53.0	110.0	3	MC61640	112.50	MC61640T	136.69	MC61640C	143.96
16.0	16.0	63.0	123.0	3	MC61660	131.05	MC61660T	165.44	MC61660C	175.75
18.0	16.0	63.0	123.0	3	MC61680	167.96	MC61680T	202.35	MC61680C	212.66
20.0	20.0	75.0	135.0	3	MC61700	170.81	MC61700T	220.90	MC61700C	235.92
22.0	20.0	75.0	147.0	3	MC61720	287.24	MC61720T	337.32	MC61720C	352.35
24.0	25.0	90.0	166.0	3	MC61740	305.66	MC61740T	355.75	MC61740C	370.78
25.0	25.0	90.0	166.0	3	MC61750	318.29	MC61750T	368.38	MC61750C	383.41
28.0	25.0	90.0	166.0	3	MC61780	382.47	MC61780T	432.56	MC61780C	447.58
30.0	25.0	90.0	166.0	3	MC61830	411.13	MC61830T	461.21	MC61830C	476.24



**WELDON SHANK END MILL - NON CENTER CUT - HSS**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - ACIER RAPIDE**

**EM60**



**MF HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/8	3/8	3/8	2-5/16	4	EM60008	21.42	EM60008T	25.66	EM60008C	26.93
5/32	3/8	7/16	2-3/8	4	EM60010	21.42	EM60010T	27.78	EM60010C	29.69
3/16	3/8	1/2	2-3/8	4	EM60012	21.42	EM60012T	27.78	EM60012C	29.69
7/32	3/8	9/16	2-7/16	4	EM60014	21.42	EM60014T	30.33	EM60014C	33.01
1/4	3/8	5/8	2-7/16	4	EM60016	21.42	EM60016T	30.33	EM60016C	33.01
9/32	3/8	11/16	2-1/2	4	EM60018	21.42	EM60018T	32.88	EM60018C	36.32
5/16	3/8	3/4	2-1/2	4	EM60020	21.42	EM60020T	32.88	EM60020C	36.32
11/32	3/8	3/4	2-1/2	4	EM60022	21.42	EM60022T	32.88	EM60022C	36.32
3/8	3/8	3/4	2-1/2	4	EM60024	21.42	EM60024T	32.88	EM60024C	36.32
13/32	3/8	1"	2-11/16	4	EM60026	32.64	EM60026T	48.35	EM60026C	53.07
7/16	3/8	1"	2-11/16	4	EM60028	32.64	EM60028T	48.35	EM60028C	53.07
15/32	3/8	1-1/4	3-1/4	4	EM60130	32.64	EM60130T	48.35	EM60130C	53.07
1/2	1/2	1-1/4	3-1/4	4	EM60132	32.64	EM60132T	48.35	EM60132C	53.07
17/32	1/2	1-3/8	3-3/8	4	EM60134	49.20	EM60134T	73.40	EM60134C	80.65
9/16	1/2	1-3/8	3-3/8	4	EM60136	49.20	EM60136T	73.40	EM60136C	80.65
19/32	5/8	1-3/8	3-3/8	4	EM60238	61.44	EM60238T	85.63	EM60238C	92.88
5/8	5/8	1-5/8	3-3/4	4	EM60240	61.44	EM60240T	85.63	EM60240C	92.88
21/32	5/8	1-5/8	3-3/4	4	EM60242	71.64	EM60242T	95.84	EM60242C	103.10
11/16	5/8	1-5/8	3-3/4	4	EM60244	71.64	EM60244T	95.84	EM60244C	103.10
23/32	3/4	1-5/8	3-3/4	4	EM60346	79.79	EM60346T	114.17	EM60346C	124.49
3/4	3/4	1-5/8	3-7/8	4	EM60348	79.79	EM60348T	114.17	EM60348C	124.49
25/32	5/8	1-7/8	4-1/8	4	EM60350	87.01	EM60350T	121.39	EM60350C	131.70
13/16	5/8	1-7/8	4-1/8	4	EM60352	87.01	EM60352T	121.39	EM60352C	131.70
27/32	3/4	1-7/8	4-1/8	4	EM60354	92.19	EM60354T	126.58	EM60354C	136.89
7/8	3/4	1-7/8	4-1/8	4	EM60356	92.19	EM60356T	126.58	EM60356C	136.89
29/32	3/4	1-7/8	4-1/8	4	EM60358	118.79	EM60358T	153.17	EM60358C	163.47
15/16	3/4	1-7/8	4-1/8	4	EM60360	118.79	EM60360T	153.17	EM60360C	163.47
31/32	3/4	1-7/8	4-1/8	4	EM60362	118.79	EM60362T	153.17	EM60362C	163.47
1"	3/4	1-7/8	4-1/8	4	EM60364	118.79	EM60364T	153.17	EM60364C	163.47
1"	1"	2"	4-1/2	4	EM60564	118.79	EM60564T	168.87	EM60564C	183.90
1-1/8	3/4	2"	4-1/2	6	EM60372	163.12	EM60372T	213.20	EM60372C	228.23
1-1/8	1"	2"	4-1/2	6	EM60572	163.12	EM60572T	213.20	EM60572C	228.23
1-1/4	3/4	2"	4-1/2	6	EM60380	177.28	EM60380T	227.37	EM60380C	242.39
1-1/4	1-1/4	2"	4-1/2	6	EM60680	177.28	EM60680T	265.57	EM60680C	292.05
1-3/8	1"	2"	4-1/2	6	EM60588	215.52	EM60588T	303.82	EM60588C	330.31
1-1/2	1-1/4	2"	4-1/2	6	EM60696	255.86	EM60696T	344.17	EM60696C	370.65
1-3/4	1-1/4	2"	4-1/2	6	EM60712	337.41	EM60712T	425.71	EM60712C	452.19
2"	1-1/4	2"	4-1/2	6	EM60728	396.52	EM60728T	484.82	EM60728C	511.30

END MILLS - WELDON SHANK

FRAISES EN BOUT - QUEUE WELDON

**WELDON SHANK END MILL - NON CENTER CUT - COBALT**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - COBALT**

**MC53**



**MF COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3.0	6.0	8.0	52.0	4	MC53530	32.58	MC53530T	36.82	MC53530C	38.10
4.0	6.0	11.0	55.0	4	MC53540	32.58	MC53540T	38.94	MC53540C	40.85
5.0	6.0	13.0	57.0	4	MC53550	32.58	MC53550T	41.49	MC53550C	44.16
6.0	6.0	13.0	57.0	4	MC53560	35.83	MC53560T	44.74	MC53560C	47.42
7.0	10.0	16.0	66.0	4	MC53570	50.48	MC53570T	61.95	MC53570C	65.38
8.0	10.0	19.0	69.0	4	MC53580	48.88	MC53580T	60.34	MC53580C	63.77
9.0	10.0	19.0	69.0	4	MC53590	55.45	MC53590T	66.91	MC53590C	70.35
10.0	10.0	22.0	72.0	4	MC53600	47.24	MC53600T	62.96	MC53600C	67.66
11.0	12.0	22.0	79.0	4	MC53610	60.27	MC53610T	75.99	MC53610C	80.70
12.0	12.0	26.0	83.0	4	MC53620	61.91	MC53620T	77.62	MC53620C	82.33
13.0	12.0	26.0	83.0	4	MC53630	70.07	MC53630T	94.25	MC53630C	101.50
14.0	12.0	26.0	83.0	4	MC53640	74.94	MC53640T	99.13	MC53640C	106.40
15.0	12.0	26.0	83.0	4	MC53650	84.70	MC53650T	108.90	MC53650C	116.16
16.0	16.0	32.0	92.0	4	MC53660	84.71	MC53660T	119.09	MC53660C	129.41
18.0	16.0	32.0	92.0	4	MC53680	104.24	MC53680T	138.63	MC53680C	148.93
20.0	20.0	38.0	104.0	4	MC53700	118.89	MC53700T	168.98	MC53700C	184.01
22.0	20.0	38.0	104.0	6	MC53720	146.61	MC53720T	196.71	MC53720C	211.73
24.0	25.0	45.0	121.0	6	MC53740	172.66	MC53740T	222.75	MC53740C	237.77
25.0	25.0	45.0	121.0	6	MC53750	177.54	MC53750T	227.63	MC53750C	242.66
26.0	25.0	45.0	121.0	6	MC53760	201.96	MC53760T	252.07	MC53760C	267.10
28.0	25.0	45.0	121.0	6	MC53780	216.65	MC53780T	266.73	MC53780C	281.76
30.0	25.0	45.0	121.0	6	MC53830	241.08	MC53830T	291.19	MC53830C	306.21
32.0	32.0	53.0	133.0	6	MC53932	291.55	MC53932T	414.24	MC53932C	451.04
35.0	32.0	53.0	133.0	6	MC53935	358.34	MC53935T	481.03	MC53935C	517.82
40.0	32.0	63.0	145.0	8	MC53940	416.97	MC53940T	539.64	MC53940C	576.44
45.0	32.0	63.0	145.0	8	MC53945	514.69	MC53945T	637.37	MC53945C	674.16
50.0	32.0	75.0	157.0	8	MC53950	570.06	MC53950T	692.74	MC53950C	729.54

**WELDON SHANK END MILL - CENTER CUT - HSS**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - COUP AU CENTRE**

**EM70**



**CC HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/8	3/8	3/8	2-5/16	4	EM70008	22.46	EM70008T	26.70	EM70008C	27.98
3/16	3/8	1/2	2-3/8	4	EM70012	22.46	EM70012T	28.83	EM70012C	30.73
1/4	3/8	5/8	2-1/2	4	EM70016	22.46	EM70016T	31.37	EM70016C	34.04
5/16	3/8	3/4	2-1/2	4	EM70020	22.46	EM70020T	33.93	EM70020C	37.35
3/8	3/8	3/4	2-1/2	4	EM70024	22.46	EM70024T	33.93	EM70024C	37.35
1/2	1/2	1-1/4	3-1/4	4	EM70132	36.06	EM70132T	51.77	EM70132C	56.47
5/8	5/8	1-5/8	3-3/4	4	EM70240	67.35	EM70240T	91.54	EM70240C	98.81
11/16	5/8	1-5/8	3-3/4	4	EM70244	78.89	EM70244T	113.26	EM70244C	123.57
3/4	3/4	1-5/8	3-7/8	4	EM70348	87.90	EM70348T	122.27	EM70348C	132.58
7/8	7/8	1-7/8	4-1/8	4	EM70456	101.36	EM70456T	151.44	EM70456C	166.47
1"	1"	2"	4-1/2	4	EM70564	130.60	EM70564T	180.68	EM70564C	195.72
1-1/8	1"	2"	4-1/2	6	EM70572	179.50	EM70572T	229.59	EM70572C	244.62
1-1/4	1-1/4	2"	4-1/2	4	EM70680	203.89	EM70680T	292.17	EM70680C	318.65
1-1/2	1-1/4	2"	4-1/2	4	EM70696	279.36	EM70696T	367.65	EM70696C	394.13



**WELDON SHANK END MILL - CENTER CUT - COBALT**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - COUP AU CENTRE - COBALT**

**EM04**



**CC COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/8	3/8	3/8	2-5/16	4	EM04008	37.55	EM04008T	41.81	EM04008C	43.07
5/32	3/8	7/16	2-5/16	4	EM04010	42.18	EM04010T	48.55	EM04010C	50.46
3/16	3/8	1/2	2-3/8	4	EM04012	37.55	EM04012T	43.92	EM04012C	45.83
7/32	3/8	5/8	2-7/16	4	EM04014	42.18	EM04014T	51.10	EM04014C	53.77
1/4	3/8	5/8	2-1/2	4	EM04016	37.55	EM04016T	46.47	EM04016C	49.14
9/32	3/8	5/8	2-1/2	4	EM04018	42.18	EM04018T	53.64	EM04018C	57.09
5/16	3/8	3/4	2-1/2	4	EM04020	37.55	EM04020T	49.01	EM04020C	52.46
3/8	3/8	3/4	2-1/2	4	EM04024	37.55	EM04024T	49.01	EM04024C	52.46
7/16	3/8	1"	2-11/16	4	EM04028	53.21	EM04028T	68.93	EM04028C	73.64
1/2	3/8	1"	2-11/16	4	EM04032	56.19	EM04032T	71.89	EM04032C	76.60
1/2	1/2	1-1/4	3-1/4	4	EM04132	51.82	EM04132T	67.53	EM04132C	72.24
9/16	1/2	1-3/8	3-3/8	4	EM04136	70.72	EM04136T	94.91	EM04136C	102.17
5/8	1/2	1-3/8	3-3/8	4	EM04140	80.38	EM04140T	104.57	EM04140C	111.83
5/8	5/8	1-5/8	3-3/4	4	EM04240	77.56	EM04240T	101.77	EM04240C	109.01
11/16	5/8	1-5/8	3-3/4	4	EM04244	93.83	EM04244T	118.02	EM04244C	125.28
3/4	5/8	1-5/8	3-3/4	4	EM04248	93.83	EM04248T	128.21	EM04248C	138.52
3/4	3/4	1-5/8	3-7/8	4	EM04348	89.97	EM04348T	124.35	EM04348C	134.67
7/8	3/4	1-7/8	4-1/8	4	EM04356	129.05	EM04356T	179.14	EM04356C	194.18
7/8	7/8	1-7/8	4-1/8	4	EM04456	120.52	EM04456T	170.60	EM04456C	185.83
1"	3/4	1-7/8	4-1/8	4	EM04364	141.47	EM04364T	191.55	EM04364C	206.58
1"	1"	2"	4-1/2	4	EM04564	135.73	EM04564T	185.83	EM04564C	200.85
1-1/4	1"	2"	4-1/2	6	EM04580	222.58	EM04580T	310.88	EM04580C	337.37
1-1/4	1-1/4	2"	4-1/2	6	EM04680	208.62	EM04680T	296.92	EM04680C	323.41
1-1/2	1"	2"	4-1/2	6	EM04596	299.07	EM04596T	387.37	EM04596C	413.88
1-1/2	1-1/4	2"	4-1/2	6	EM04696	273.00	EM04696T	361.31	EM04696C	387.79

**WELDON SHANK END MILL - 4 FLUTE - METRIC - FRACTIONAL SHANK**  
**FRAISES METRIQUE - 4 CANNELURES - QUEUE WELDON FRACTIONNEL**

**EM61**



**4F**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3.0	3/8	3/8	2-5/16	4	EM61530	38.33	EM61530T	42.57	EM61530C	43.84
4.0	3/8	7/16	2-3/8	4	EM61540	38.33	EM61540T	44.69	EM61540C	46.59
4.5	3/8	1/2	2-3/8	4	EM61545	38.33	EM61545T	44.69	EM61545C	46.59
5.0	3/8	5/8	2-1/2	4	EM61550	38.33	EM61550T	47.23	EM61550C	49.91
5.5	3/8	5/8	2-1/2	4	EM61555	38.33	EM61555T	47.23	EM61555C	49.91
6.0	3/8	5/8	2-1/2	4	EM61560	38.33	EM61560T	47.23	EM61560C	49.91
6.5	3/8	5/8	2-1/2	4	EM61565	38.33	EM61565T	49.78	EM61565C	53.21
7.0	3/8	5/8	2-1/2	4	EM61570	38.33	EM61570T	49.78	EM61570C	53.21
7.5	3/8	3/4	2-1/2	4	EM61575	38.33	EM61575T	49.78	EM61575C	53.21
8.0	3/8	3/4	2-1/2	4	EM61580	38.33	EM61580T	49.78	EM61580C	53.21
8.5	3/8	3/4	2-1/2	4	EM61585	38.33	EM61585T	49.78	EM61585C	53.21
9.0	3/8	3/4	2-1/2	4	EM61590	38.33	EM61590T	49.78	EM61590C	53.21
9.5	3/8	3/4	2-11/16	4	EM61595	38.33	EM61595T	49.78	EM61595C	53.21

**WELDON SHANK END MILL - 4 FLUTE - METRIC - FRACTIONAL SHANK**  
**FRAISES METRIQUE - 4 CANNELURES - QUEUE WELDON FRACTIONNEL**

**EM61**



**4F**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
10.0	3/8	1"	2-11/16	4	EM61600	47.91	EM61600T	63.63	EM61600C	68.33
10.5	3/8	1"	2-11/16	4	EM61605	50.46	EM61605T	66.17	EM61605C	70.88
11.0	3/8	1"	2-11/16	4	EM61610	50.46	EM61610T	66.17	EM61610C	70.88
11.5	3/8	1"	2-11/16	4	EM61615	50.46	EM61615T	66.17	EM61615C	70.88
12.0	3/8	1"	2-11/16	4	EM61620	51.50	EM61620T	67.21	EM61620C	71.93
12.5	1/2	1-1/4	3-1/4	4	EM61625	51.50	EM61625T	67.21	EM61625C	71.93
13.0	1/2	1-3/8	3-3/8	4	EM61630	58.89	EM61630T	83.10	EM61630C	90.35
13.5	1/2	1-3/8	3-3/8	4	EM61635	58.89	EM61635T	83.10	EM61635C	90.35
14.0	1/2	1-3/8	3-3/8	4	EM61640	58.89	EM61640T	83.10	EM61640C	90.35
14.5	1/2	1-3/8	3-3/8	4	EM61645	61.41	EM61645T	85.61	EM61645C	92.86
15.0	1/2	1-3/8	3-3/8	4	EM61650	61.41	EM61650T	85.61	EM61650C	92.86
16.0	5/8	1-5/8	3-3/4	4	EM61660	70.71	EM61660T	94.90	EM61660C	102.15
17.0	5/8	1-5/8	3-3/4	4	EM61670	70.71	EM61670T	94.90	EM61670C	102.15
18.0	3/4	1-5/8	3-7/8	4	EM61680	79.15	EM61680T	113.53	EM61680C	123.85
19.0	3/4	1-5/8	3-7/8	4	EM61690	84.01	EM61690T	118.39	EM61690C	128.71
20.0	3/4	1-7/8	4-1/8	4	EM61700	101.93	EM61700T	136.32	EM61700C	146.63
21.0	7/8	1-7/8	4-1/8	4	EM61710	107.21	EM61710T	157.29	EM61710C	172.33
22.0	7/8	1-7/8	4-1/8	4	EM61720	110.40	EM61720T	160.48	EM61720C	175.51
23.0	7/8	1-7/8	4-1/8	4	EM61730	120.31	EM61730T	170.39	EM61730C	185.42
24.0	7/8	1-7/8	4-1/8	4	EM61740	125.18	EM61740T	175.27	EM61740C	190.29
25.0	1"	2"	4-1/2	4	EM61750	125.18	EM61750T	175.27	EM61750C	190.29

**WELDON SHANK END MILL - NON CENTER CUT - LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - SERIE LONGUE - ACIER RAPIDE**

**EM62**



**LS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-1/4	3-1/16	4	EM62016	34.71	EM62016T	43.63	EM62016C	46.31
5/16	3/8	1-3/8	3-1/8	4	EM62020	34.71	EM62020T	46.17	EM62020C	49.61
3/8	3/8	1-1/2	3-1/4	4	EM62024	34.71	EM62024T	46.17	EM62024C	49.61
7/16	3/8	1-3/4	3-3/4	4	EM62028	42.83	EM62028T	58.55	EM62028C	63.25
1/2	1/2	2"	4"	4	EM62132	42.83	EM62132T	58.55	EM62132C	63.25
5/8	5/8	2-1/2	4-5/8	4	EM62240	79.62	EM62240T	103.81	EM62240C	111.08
3/4	3/4	3"	5-1/4	4	EM62348	105.48	EM62348T	139.86	EM62348C	150.18
7/8	7/8	3-1/2	5-3/4	4	EM62456	123.93	EM62456T	174.03	EM62456C	189.05
1"	1"	4"	6-1/2	4	EM62564	167.67	EM62564T	217.78	EM62564C	232.81
1-1/8	1"	4"	6-1/2	6	EM62572	215.24	EM62572T	265.32	EM62572C	280.35
1-1/4	1-1/4	4"	6-1/2	6	EM62680	234.31	EM62680T	322.59	EM62680C	349.08
1-1/2	1-1/4	4"	6-1/2	6	EM62696	350.12	EM62696T	438.42	EM62696C	464.90
1-3/4	1-1/4	4"	6-1/2	6	EM62712	457.53	EM62712T	545.82	EM62712C	572.31
2"	1-1/4	4"	6-1/2	6	EM62728	533.00	EM62728T	621.31	EM62728C	647.79



**WELDON SHANK END MILL - NON CENTER CUT - LONG SERIES - COBALT**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - SERIE LONGUE - COBALT**

**MC54**



**LS COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3.0	6.0	12.0	56.0	4	MC54530	38.83	MC54530T	43.07	MC54530C	44.35
4.0	6.0	19.0	63.0	4	MC54540	38.83	MC54540T	45.19	MC54540C	47.10
5.0	6.0	24.0	68.0	4	MC54550	38.83	MC54550T	47.73	MC54550C	50.42
6.0	6.0	24.0	68.0	4	MC54560	38.83	MC54560T	47.73	MC54560C	50.42
7.0	10.0	30.0	80.0	4	MC54570	73.40	MC54570T	84.86	MC54570C	88.28
8.0	10.0	38.0	88.0	4	MC54580	55.47	MC54580T	66.93	MC54580C	70.36
9.0	10.0	38.0	88.0	4	MC54590	73.40	MC54590T	84.86	MC54590C	88.28
10.0	10.0	45.0	95.0	4	MC54600	57.18	MC54600T	72.90	MC54600C	77.61
11.0	12.0	45.0	102.0	4	MC54610	80.64	MC54610T	96.35	MC54610C	101.06
12.0	12.0	53.0	110.0	4	MC54620	65.26	MC54620T	80.97	MC54620C	85.68
13.0	12.0	53.0	110.0	4	MC54630	96.00	MC54630T	120.19	MC54630C	127.46
14.0	12.0	53.0	110.0	4	MC54640	100.24	MC54640T	124.43	MC54640C	131.69
15.0	12.0	53.0	110.0	4	MC54650	108.33	MC54650T	132.52	MC54650C	139.79
16.0	16.0	63.0	123.0	4	MC54660	98.54	MC54660T	132.92	MC54660C	143.24
18.0	16.0	63.0	123.0	4	MC54680	133.97	MC54680T	168.34	MC54680C	178.66
20.0	20.0	75.0	141.0	4	MC54700	130.11	MC54700T	180.19	MC54700C	195.22
22.0	20.0	75.0	141.0	6	MC54720	253.83	MC54720T	303.92	MC54720C	318.96
24.0	25.0	90.0	166.0	6	MC54740	281.55	MC54740T	331.63	MC54740C	346.66
25.0	25.0	90.0	166.0	6	MC54750	243.17	MC54750T	293.27	MC54750C	308.29
26.0	25.0	90.0	166.0	6	MC54760	330.62	MC54760T	380.72	MC54760C	395.75
28.0	25.0	90.0	166.0	6	MC54780	324.20	MC54780T	374.30	MC54780C	389.33
30.0	25.0	90.0	166.0	6	MC54830	332.75	MC54830T	382.84	MC54830C	397.66
32.0	32.0	106.0	186.0	6	MC54932	394.83	MC54932T	517.50	MC54932C	554.31
40.0	32.0	125.0	205.0	6	MC54940	635.61	MC54940T	758.28	MC54940C	795.08

**WELDON SHANK END MILL - CENTER CUT - LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - COUP AU CENTRE - SERIE LONGUE**

**EM72**



**CC LS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-1/4	3-1/16	4	EM72016	36.50	EM72016T	45.40	EM72016C	48.08
5/16	3/8	1-3/8	3-1/8	4	EM72020	36.50	EM72020T	47.94	EM72020C	51.39
3/8	3/8	1-1/2	3-1/4	4	EM72024	36.50	EM72024T	47.94	EM72024C	51.39
1/2	1/2	2"	4"	4	EM72132	47.26	EM72132T	62.98	EM72132C	67.68
5/8	5/8	2-1/2	4-5/8	4	EM72240	87.58	EM72240T	111.78	EM72240C	119.04
3/4	3/4	3"	5-1/4	4	EM72348	104.14	EM72348T	138.52	EM72348C	148.84
7/8	7/8	3-1/2	5-3/4	4	EM72456	136.35	EM72456T	186.45	EM72456C	201.47
1"	1"	4"	6-1/2	4	EM72564	185.25	EM72564T	235.35	EM72564C	250.36
1-1/4	1-1/4	4"	6-1/2	4	EM72680	257.65	EM72680T	345.94	EM72680C	372.44
1-1/2	1-1/4	4"	6-1/2	4	EM72696	339.19	EM72696T	427.49	EM72696C	453.98

**WELDON SHANK END MILL - CENTER CUT - LONG SERIES - COBALT**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - COUP AU CENTRE - SERIE LONGUE - COBALT**

**EM05**



**CC LS COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-1/4	3-1/16	4	EM05016	49.97	EM05016T	58.87	EM05016C	61.55
5/16	3/8	1-3/8	3-1/8	4	EM05020	49.97	EM05020T	61.43	EM05020C	64.86
3/8	3/8	1-1/2	3-1/4	4	EM05024	49.97	EM05024T	61.43	EM05024C	64.86
1/2	1/2	2"	4"	4	EM05132	70.58	EM05132T	86.29	EM05132C	91.00
5/8	5/8	2-1/2	4-5/8	4	EM05240	94.77	EM05240T	118.98	EM05240C	126.22
3/4	3/4	3"	5-1/4	4	EM05348	109.81	EM05348T	144.20	EM05348C	154.51
7/8	7/8	3-1/2	5-3/4	4	EM05456	157.29	EM05456T	207.40	EM05456C	222.42
1"	1"	4"	6-1/2	4	EM05564	195.59	EM05564T	245.68	EM05564C	260.70
1-1/4	1-1/4	4"	6-1/2	4	EM05680	305.89	EM05680T	394.19	EM05680C	420.67
1-1/2	1-1/4	4"	6-1/2	6	EM05696	382.68	EM05696T	470.97	EM05696C	497.46

**WELDON SHANK END MILL - NON CENTER CUT - EXTRA LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - SERIE EXTRA LONGUE - ACIER RAPIDE**

**EM64**



**XLS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-3/4	3-9/16	4	EM64016	40.31	EM64016T	49.22	EM64016C	51.89
5/16	3/8	2"	3-3/4	4	EM64020	42.11	EM64020T	53.56	EM64020C	57.00
3/8	3/8	2-1/2	4-1/4	4	EM64024	44.16	EM64024T	55.62	EM64024C	59.06
1/2	1/2	3"	5"	4	EM64132	50.53	EM64132T	66.23	EM64132C	70.95
5/8	5/8	4"	6-1/8	4	EM64240	99.57	EM64240T	123.76	EM64240C	131.02
3/4	3/4	4"	6-1/4	4	EM64348	121.87	EM64348T	156.26	EM64348C	166.56
7/8	7/8	5"	7-1/4	4	EM64456	148.63	EM64456T	198.71	EM64456C	213.74
1"	1"	6"	8-1/2	4	EM64564	210.50	EM64564T	260.60	EM64564C	275.81
1-1/4	1-1/4	6"	8-1/2	6	EM64680	281.13	EM64680T	369.42	EM64680C	395.91
1-1/2	1-1/4	8"	10-1/2	6	EM64696	524.44	EM64696T	612.75	EM64696C	639.23
2"	2"	4"	7-3/4	8	EM64728	511.16	EM64728T	719.57	EM64728C	782.09
2"	2"	6"	9-3/4	8	EM64729	627.86	EM64729T	836.27	EM64729C	898.79
2"	2"	8"	11-3/4	8	EM64730	738.66	EM64730T	947.08	EM64730C	1009.61
2"	2"	10"	13-3/4	8	EM64731	856.85	EM64731T	1065.26	EM64731C	1127.78

**WELDON SHANK END MILL - CENTER CUT - EXTRA LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - SERIE EXTRA LONGUE - ACIER RAPIDE**

**EM74**



**CC XLS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/4	3/8	1-3/4	3-9/16	4	EM74016	44.32	EM74016T	53.24	EM74016C	55.92
5/16	3/8	2"	3-3/4	4	EM74020	46.38	EM74020T	57.84	EM74020C	61.29
3/8	3/8	2-1/2	4-1/4	4	EM74024	48.46	EM74024T	59.92	EM74024C	63.36
1/2	1/2	3"	5"	4	EM74132	55.39	EM74132T	71.10	EM74132C	75.81
5/8	5/8	4"	6-1/8	4	EM74240	109.61	EM74240T	133.81	EM74240C	141.07
3/4	3/4	4"	6-1/4	4	EM74348	134.14	EM74348T	168.53	EM74348C	178.84
7/8	7/8	5"	7-1/4	4	EM74456	163.54	EM74456T	213.63	EM74456C	228.66
1"	1"	6"	8-1/2	4	EM74564	231.65	EM74564T	281.74	EM74564C	296.76
1-1/4	1-1/4	6"	8-1/2	4	EM74680	309.06	EM74680T	397.34	EM74680C	423.83



**WELDON SHANK END MILL - RiP-R - STANDARD LENGTH - COBALT**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - RiP-R - COBALT**

**EM10**



**RiP-R**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3/8	3/8	3/4	2-1/2	4	EM10024	47.01	EM10024T	58.47	EM10024C	61.91
7/16	3/8	1"	2-11/16	4	EM10028	61.31	EM10028T	77.02	EM10028C	81.73
1/2	1/2	1-1/4	3-1/4	4	EM10132	61.08	EM10132T	76.79	EM10132C	81.50
9/16	1/2	1-3/8	3-3/8	4	EM10136	77.35	EM10136T	101.56	EM10136C	108.80
5/8	5/8	1-5/8	3-3/4	4	EM10240	77.35	EM10240T	101.56	EM10240C	108.80
3/4	3/4	1-5/8	3-7/8	4	EM10348	100.74	EM10348T	135.12	EM10348C	145.44
7/8	7/8	1-7/8	4-1/8	5	EM10456	134.87	EM10456T	184.96	EM10456C	199.98
1"	1"	2"	4-1/2	5	EM10564	148.14	EM10564T	198.23	EM10564C	213.26
1-1/4	1-1/4	2"	4-1/2	6	EM10680	252.19	EM10680T	340.48	EM10680C	366.98
1-1/2	1-1/4	2"	4-1/2	6	EM10696	342.43	EM10696T	430.71	EM10696C	457.21
1-3/4	1-1/4	2"	4-1/2	6	EM10712	526.51	EM10712T	614.80	EM10712C	641.29
2"	1-1/4	2"	4-1/2	8	EM10728	483.14	EM10728T	571.43	EM10728C	597.92
2"	2"	2"	5-3/4	8	EM10822	685.31	EM10822T	893.72	EM10822C	956.25
2"	2"	4"	7-3/4	8	EM10824	846.49	EM10824T	1054.89	EM10824C	1117.42

**WELDON SHANK END MILL - RiP-R - STANDARD LENGTH - COBALT - METRIC**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - RiP-R - COBALT**

**MC56**



**RiP-R**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	FINE/FIN CODE	FINE/FIN \$ EA
6.0	6.0	13.0	57.0	3	MC56560	106.81	-	-
7.0	10.0	16.0	66.0	3	MC56570	106.81	-	-
8.0	10.0	19.0	69.0	4	MC56580	106.81	-	-
9.0	10.0	19.0	69.0	4	MC56590	114.77	-	-
10.0	10.0	22.0	72.0	4	MC56600	114.77	MC56910	145.80
11.0	12.0	22.0	79.0	4	MC56610	130.03	-	-
12.0	12.0	26.0	83.0	4	MC56620	130.03	MC56912	149.53
13.0	12.0	26.0	83.0	4	MC56630	140.82	-	-
14.0	12.0	26.0	83.0	4	MC56640	161.06	MC56914	185.54
15.0	12.0	26.0	83.0	4	MC56650	177.29	-	-
16.0	16.0	32.0	92.0	4	MC56660	181.07	MC56916	207.12
18.0	16.0	32.0	92.0	4	MC56680	197.16	MC56918	225.74
20.0	20.0	38.0	104.0	4	MC56700	207.12	MC56920	240.26
22.0	25.0	38.0	110.0	4	MC56720	244.41	MC56922	281.63
25.0	25.0	45.0	121.0	5	MC56750	283.72	MC56925	325.16
28.0	25.0	45.0	121.0	5	MC56780	374.88	MC56928	430.79
30.0	25.0	45.0	121.0	5	MC56830	397.66	MC56930	459.74
32.0	32.0	53.0	133.0	5	MC56832	418.35	MC56932	480.49
35.0	32.0	53.0	133.0	6	MC56835	550.89	MC56935	637.85
40.0	32.0	63.0	143.0	6	MC56840	687.56	MC56940	791.15
45.0	32.0	63.0	143.0	7	MC56845	826.39	MC56945	952.73
50.0	32.0	75.0	155.0	7	MC56850	1031.42	MC56950	1188.61

**WELDON SHANK END MILL - RiP-R - LONG SERIES - COBALT**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - RiP-R - SERIE LONGUE - COBALT**

**EM11**



**RiP-R**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
1/2	1/2	2"	4"	4	EM11132	82.33	EM11132T	98.04	EM11132C	102.75
5/8	5/8	2-1/2	4-5/8	4	EM11240	112.67	EM11240T	136.86	EM11240C	144.11
3/4	3/4	3"	5-1/4	4	EM11348	130.76	EM11348T	165.13	EM11348C	175.46
7/8	7/8	3-1/2	5-1/4	4	EM11456	255.52	EM11456T	305.60	EM11456C	320.63
1"	1"	3"	5-1/2	5	EM11563	208.75	EM11563T	258.84	EM11563C	273.86
1"	1"	4"	6-1/2	6	EM11564	217.90	EM11564T	267.99	EM11564C	283.02
1-1/4	1-1/4	3"	5-1/2	6	EM11683	343.53	EM11683T	431.81	EM11683C	458.31
1-1/4	1-1/4	4"	6-1/2	6	EM11684	353.08	EM11684T	441.38	EM11684C	467.87
1-1/2	1-1/4	3"	5-1/2	6	EM11693	417.94	EM11693T	506.25	EM11693C	532.73
1-1/2	1-1/4	4"	6-1/2	6	EM11694	586.65	EM11694T	674.93	EM11694C	701.42
2"	2"	6"	9-3/4	8	EM11826	837.18	EM11826T	1045.58	EM11826C	1108.10
2"	2"	8"	11-3/4	8	EM11828	1249.72	EM11828T	1458.12	EM11828C	1520.64
2"	2"	10"	13-3/4	8	EM11830	1487.12	EM11830T	1695.52	EM11830C	1758.05
2"	2"	12"	15-3/4	8	EM11832	1774.45	EM11832T	1982.86	EM11832C	2045.38

**WELDON SHANK END MILL - RiP-R - LONG SERIES - COBALT - METRIC**  
**FRAISES A MULTIPLE CANNELURES - QUEUE WELDON - SERIE LONGUE - RiP-R - COBALT**

**MC57**



**RiP-R**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	FINE/FIN CODE	FINE/FIN \$ EA
10.0	10.0	45.0	95.0	4	MC57600	155.33	MC57910	178.99
12.0	12.0	53.0	110.0	4	MC57620	170.66	MC57912	195.89
14.0	12.0	53.0	110.0	4	MC57640	211.29	MC57914	242.33
16.0	16.0	63.0	123.0	4	MC57660	231.99	MC57916	267.12
18.0	16.0	63.0	123.0	4	MC57680	265.04	MC57918	304.48
20.0	20.0	75.0	141.0	4	MC57700	287.88	MC57920	331.35
22.0	20.0	75.0	141.0	5	MC57720	321.02	MC57922	368.63
25.0	25.0	90.0	166.0	5	MC57750	405.92	MC57925	468.08
28.0	25.0	90.0	166.0	5	MC57780	509.45	-	-
30.0	25.0	90.0	166.0	5	MC57830	584.09	MC57930	671.02
32.0	32.0	106.0	186.0	5	MC57832	621.33	MC57932	716.58
35.0	32.0	106.0	186.0	6	MC57835	737.28	-	-
40.0	32.0	125.0	205.0	6	MC57840	915.45	-	-
45.0	32.0	125.0	205.0	7	MC57845	981.69	-	-
50.0	32.0	150.0	230.0	7	MC57850	1259.16	-	-



**WELDON SHANK END MILL - DOUBLE END - CENTER CUT - HSS  
 FRAISES DOUBLE - QUEUE WELDON - COUP AU CENTRE - ACIER RAPIDE**

**EM82**



**2F DE**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/8	3/8	3/8	3-1/16	2	EM82008	23.43	EM82008T	42.93	EM82008C	48.73
9/64	3/8	7/16	3-1/8	2	EM82009	27.64	EM82009T	47.14	EM82009C	52.94
5/32	3/8	7/16	3-1/8	2	EM82010	23.43	EM82010T	42.93	EM82010C	48.73
11/64	3/8	7/16	3-1/8	2	EM82011	27.64	EM82011T	47.14	EM82011C	52.94
3/16	3/8	7/16	3-1/8	2	EM82012	23.43	EM82012T	50.63	EM82012C	58.83
13/64	3/8	1/2	3-1/8	2	EM82013	27.64	EM82013T	54.84	EM82013C	63.04
7/32	3/8	1/2	3-1/8	2	EM82014	23.43	EM82014T	50.63	EM82014C	58.83
15/64	3/8	1/2	3-1/8	2	EM82015	27.64	EM82015T	54.84	EM82015C	63.04
1/4	3/8	1/2	3-1/8	2	EM82016	23.43	EM82016T	50.63	EM82016C	58.83
17/64	3/8	9/16	3-1/8	2	EM82017	27.64	EM82017T	62.64	EM82017C	73.14
9/32	3/8	9/16	3-1/8	2	EM82018	23.43	EM82018T	58.43	EM82018C	68.93
19/64	3/8	9/16	3-1/8	2	EM82019	27.64	EM82019T	62.64	EM82019C	73.14
5/16	3/8	9/16	3-1/8	2	EM82020	23.43	EM82020T	58.43	EM82020C	68.93
21/64	3/8	9/16	3-1/8	2	EM82021	27.64	EM82021T	62.64	EM82021C	73.14
11/32	3/8	9/16	3-1/8	2	EM82022	23.43	EM82022T	58.43	EM82022C	68.93
23/64	3/8	9/16	3-1/8	2	EM82023	27.64	EM82023T	62.64	EM82023C	73.14
3/8	3/8	9/16	3-1/8	2	EM82024	23.43	EM82024T	58.43	EM82024C	68.93
25/64	1/2	13/16	3-3/4	2	EM82025	41.41	EM82025T	89.51	EM82025C	103.91
13/32	1/2	13/16	3-3/4	2	EM82026	36.88	EM82026T	84.98	EM82026C	99.38
27/64	1/2	13/16	3-3/4	2	EM82027	41.41	EM82027T	89.51	EM82027C	103.91
7/16	1/2	13/16	3-3/4	2	EM82028	36.88	EM82028T	84.98	EM82028C	99.38
29/64	1/2	13/16	3-3/4	2	EM82029	41.41	EM82029T	89.51	EM82029C	103.91
15/32	1/2	13/16	3-3/4	2	EM82030	36.88	EM82030T	84.98	EM82030C	99.38
31/64	1/2	13/16	3-3/4	2	EM82031	41.84	EM82031T	89.94	EM82031C	104.34
1/2	1/2	13/16	3-3/4	2	EM82032	36.88	EM82032T	84.98	EM82032C	99.38
17/32	5/8	1-1/8	4-1/2	2	EM82034	64.14	EM82034T	138.04	EM82034C	160.24
9/16	5/8	1-1/8	4-1/2	2	EM82036	52.51	EM82036T	126.41	EM82036C	148.61
19/32	5/8	1-1/8	4-1/2	2	EM82038	64.14	EM82038T	138.04	EM82038C	160.24
5/8	5/8	1-1/8	4-1/2	2	EM82040	52.51	EM82040T	157.51	EM82040C	189.01
21/32	3/4	1-5/16	5"	2	EM82042	75.22	EM82042T	180.22	EM82042C	211.72
11/16	3/4	1-5/16	5"	2	EM82044	70.15	EM82044T	175.15	EM82044C	206.65
23/32	3/4	1-5/16	5"	2	EM82046	75.22	EM82046T	180.22	EM82046C	211.72
3/4	3/4	1-5/16	5"	2	EM82048	70.15	EM82048T	175.15	EM82048C	206.65
13/16	7/8	1-9/16	5-1/2	2	EM82052	81.12	EM82052T	234.12	EM82052C	280.02
7/8	7/8	1-9/16	5-1/2	2	EM82056	81.12	EM82056T	234.12	EM82056C	280.02
15/16	1"	1-5/8	5-7/8	2	EM82060	111.14	EM82060T	264.14	EM82060C	310.04
1"	1"	1-5/8	5-7/8	2	EM82100	111.14	EM82100T	264.14	EM82100C	310.04

END MILLS - WELDON SHANK

FRAISES EN BOUT - QUEUE WELDON

**WELDON SHANK END MILL - DOUBLE END - 2 FLUTE - BALL END**  
**FRAISES DOUBLES A 2 CANNELURES - QUEUE WELDON - A BOUT SPHERIQUE**

**EM83**



**2F BN DE**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
1/8	3/8	3/8	3-1/16	2	EM83008	65.29	EM83008T	84.79	EM83008C	90.59
3/16	3/8	7/16	3-1/8	2	EM83012	65.29	EM83012T	92.49	EM83012C	100.69
1/4	3/8	1/2	3-1/8	2	EM83016	65.29	EM83016T	92.49	EM83016C	100.69
5/16	3/8	9/16	3-1/8	2	EM83020	65.29	EM83020T	100.29	EM83020C	110.79
3/8	3/8	9/16	3-1/8	2	EM83024	65.29	EM83024T	100.29	EM83024C	110.79
7/16	1/2	13/16	3-3/4	2	EM83028	90.69	EM83028T	138.79	EM83028C	153.19
1/2	1/2	13/16	3-3/4	2	EM83032	90.69	EM83032T	138.79	EM83032C	153.19
5/8	5/8	1-1/8	4-1/2	2	EM83040	123.90	EM83040T	197.80	EM83040C	220.00
3/4	3/4	1-5/16	5"	2	EM83048	157.40	EM83048T	262.40	EM83048C	293.90
7/8	7/8	1-9/16	5-1/2	2	EM83056	195.89	EM83056T	348.89	EM83056C	332.39
1"	1"	1-5/8	5-7/8	2	EM83100	241.10	EM83100T	394.10	EM83100C	440.00

**WELDON SHANK END MILL - DOUBLE END - CENTER CUT - 4 FLUTE - HSS**  
**FRAISES DOUBLE A 4 CANNELURES - QUEUE WELDON - COUP AU CENTRE - ACIER RAPIDE**

**EM84**



**4F DE**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
1/8	3/8	3/8	3-1/16	4	EM84008	31.99	EM84008T	51.49	EM84008C	57.29
5/32	3/8	7/16	3-1/8	4	EM84010	35.36	EM84010T	54.86	EM84010C	60.66
3/16	3/8	1/2	3-1/4	4	EM84012	31.99	EM84012T	51.49	EM84012C	57.29
7/32	3/8	9/16	3-1/4	4	EM84014	35.36	EM84014T	62.56	EM84014C	70.76
1/4	3/8	5/8	3-3/8	4	EM84016	31.99	EM84016T	59.19	EM84016C	67.39
9/32	3/8	11/16	3-3/8	4	EM84018	35.36	EM84018T	70.36	EM84018C	80.66
5/16	3/8	3/4	3-1/2	4	EM84020	31.99	EM84020T	66.99	EM84020C	77.49
11/32	3/8	3/4	3-1/2	4	EM84022	35.36	EM84022T	70.36	EM84022C	80.66
3/8	3/8	3/4	3-1/2	4	EM84024	31.99	EM84024T	66.99	EM84024C	77.49
13/32	1/2	1"	4-1/8	4	EM84026	51.08	EM84026T	99.18	EM84026C	113.58
7/16	1/2	1"	4-1/8	4	EM84028	51.08	EM84028T	99.18	EM84028C	113.58
15/32	1/2	1"	4-1/8	4	EM84030	51.08	EM84030T	99.18	EM84030C	113.58
1/2	1/2	1"	4-1/8	4	EM84032	51.08	EM84032T	99.18	EM84032C	113.58
9/16	5/8	1-3/8	5"	4	EM84036	78.58	EM84036T	152.48	EM84036C	174.68
5/8	5/8	1-3/8	5"	4	EM84040	78.58	EM84040T	152.48	EM84040C	174.68
11/16	3/4	1-5/8	5-5/8	4	EM84044	101.04	EM84044T	206.04	EM84044C	237.54
3/4	3/4	1-5/8	5-5/8	4	EM84048	101.04	EM84048T	206.04	EM84048C	237.54
7/8	7/8	1-7/8	6-1/8	4	EM84056	125.19	EM84056T	230.19	EM84056C	261.69
1"	1"	1-7/8	6-3/8	4	EM84100	151.31	EM84100T	304.31	EM84100C	350.21



# END MILLS

Threaded Shank

# FRAISES EN

# BOUT

Queue Filetées

**THREADED SHANK SLOT DRILL - STANDARD LENGTH - HSS**  
**FRAISES A DEUX CANNELURES - LONGEUR REG. - ACIER RAPIDE**

**MC05**



**STD HSS**

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/16	1/4	3/32	1-29/32	2	MC05004	21.48	MC05004T	25.74	MC05004C	27.02
5/64	1/4	3/32	1-15/16	2	MC05005	27.58	MC05005T	31.84	MC05005C	33.11
3/32	1/4	3/16	2"	2	MC05006	21.48	MC05006T	25.74	MC05006C	27.02
7/64	1/4	1/4	2"	2	MC05007	27.58	MC05007T	31.84	MC05007C	33.11
1/8	1/4	9/32	2"	2	MC05008	21.48	MC05008T	25.74	MC05008C	27.02
9/64	1/4	3/8	2-1/16	2	MC05009	27.02	MC05009T	33.37	MC05009C	35.28
5/32	1/4	3/8	2-1/16	2	MC05010	21.48	MC05010T	27.85	MC05010C	29.77
11/64	1/4	3/8	2-1/16	2	MC05011	26.80	MC05011T	33.15	MC05011C	35.06
3/16	1/4	3/8	2-1/16	2	MC05012	21.48	MC05012T	27.85	MC05012C	29.77
13/64	1/4	7/16	2-3/16	2	MC05013	27.02	MC05013T	35.92	MC05013C	38.60
7/32	1/4	7/16	2-3/16	2	MC05014	21.48	MC05014T	30.40	MC05014C	33.08
15/64	1/4	7/16	2-7/32	2	MC05015	27.02	MC05015T	35.92	MC05015C	38.60
1/4	1/4	7/16	2-7/32	2	MC05016	21.48	MC05016T	30.40	MC05016C	33.08
17/64	3/8	7/16	2-11/32	2	MC05017	38.52	MC05017T	49.99	MC05017C	53.42
9/32	3/8	7/16	2-5/16	2	MC05018	21.48	MC05018T	32.94	MC05018C	36.38
19/64	3/8	1/2	2-5/16	2	MC05019	42.11	MC05019T	53.56	MC05019C	57.00
5/16	3/8	1/2	2-11/32	2	MC05020	23.65	MC05020T	35.11	MC05020C	38.56
21/64	3/8	9/16	2-11/32	2	MC05021	43.27	MC05021T	54.73	MC05021C	58.17
11/32	3/8	9/16	2-3/8	2	MC05022	23.65	MC05022T	35.11	MC05022C	38.56
23/64	3/8	9/16	2-3/8	2	MC05023	44.82	MC05023T	56.28	MC05023C	59.72
3/8	3/8	9/16	2-3/8	2	MC05024	26.88	MC05024T	38.35	MC05024C	41.77
13/32	3/8	5/8	2-3/8	2	MC05026	26.88	MC05026T	42.59	MC05026C	47.30
7/16	1/2	11/16	2-9/16	2	MC05028	26.88	MC05028T	42.59	MC05028C	47.30
15/32	1/2	11/16	2-9/16	2	MC05030	26.88	MC05030T	42.59	MC05030C	47.30
1/2	1/2	3/4	2-5/8	2	MC05032	28.50	MC05032T	44.22	MC05032C	48.92
17/32	1/2	7/8	2-11/16	2	MC05034	31.25	MC05034T	55.43	MC05034C	62.70
9/16	1/2	27/32	2-23/32	2	MC05036	34.21	MC05036T	58.40	MC05036C	65.67
19/32	5/8	7/8	2-27/32	2	MC05038	35.83	MC05038T	60.02	MC05038C	67.28
5/8	5/8	7/8	2-27/32	2	MC05040	38.28	MC05040T	62.48	MC05040C	69.73
21/32	5/8	15/16	2-7/8	2	MC05042	39.91	MC05042T	64.11	MC05042C	71.37
11/16	5/8	15/16	2-29/32	2	MC05044	43.17	MC05044T	67.37	MC05044C	74.61
23/32	5/8	1"	2-31/32	2	MC05046	46.43	MC05046T	70.61	MC05046C	77.87
3/4	5/8	1"	2-31/32	2	MC05048	52.94	MC05048T	77.13	MC05048C	84.40
13/16	1"	1"	3-7/8	2	MC05052	70.35	MC05052T	120.44	MC05052C	135.46
7/8	1"	1"	3-15/16	2	MC05056	79.81	MC05056T	129.90	MC05056C	144.92
15/16	1"	1"	4-1/16	2	MC05060	83.06	MC05060T	133.14	MC05060C	148.17
1"	1"	1-1/16	3-3/4	2	MC05100	93.68	MC05100T	143.77	MC05100C	158.79
1-1/16	1"	1-1/8	3-11/16	2	MC05104	93.68	MC05104T	143.77	MC05104C	158.79
1-1/8	1"	1-3/16	3-3/4	2	MC05108	97.72	MC05108T	147.81	MC05108C	162.84
1-1/4	1"	1-1/2	4"	2	MC05116	130.62	MC05116T	180.73	MC05116C	195.74



**THREADED SHANK SLOT DRILL - STANDARD LENGTH - HSS**  
**FRAISES A DEUX CANNELURES - LONGEUR REG. - ACIER RAPIDE**

**MC05**



**STD HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1-1/4	1-1/4	1-3/8	4-5/8	2	MC05416	130.62	MC05416T	218.93	MC05416C	245.41
1-3/8	1"	1-9/16	4-1/16	2	MC05124	142.53	MC05124T	230.82	MC05124C	257.30
1-1/2	1"	1-11/16	4-3/16	2	MC05132	176.30	MC05132T	264.59	MC05132C	291.07
1-1/2	1-1/4	1-11/16	4-1/2	2	MC05432	176.30	MC05432T	264.59	MC05432C	291.07
1-5/8	1"	1-7/8	4-7/16	2	MC05140	213.36	MC05140T	301.64	MC05140C	328.13
1-3/4	1"	2"	4-9/16	2	MC05148	250.79	MC05148T	339.10	MC05148C	365.58
1-3/4	1-1/4	1-7/8	4-11/16	2	MC05448	250.79	MC05448T	339.10	MC05448C	365.58
2"	1"	2-1/4	4-13/16	2	MC05200	308.84	MC05200T	396.92	MC05200C	423.41
2"	1-1/4	2"	4-5/8	2	MC05500	308.84	MC05500T	396.92	MC05500C	423.41

**THREADED SHANK SLOT DRILL - STANDARD LENGTH - HSS**  
**FRAISES A DEUX CANNELURES - LONGEUR REG. - ACIER RAPIDE**

**MC05**



**STD HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1.5	6.0	2.5	48.5	2	MC05515	25.60	MC05515T	29.84	MC05515C	31.11
2.0	6.0	3.0	49.0	2	MC05520	21.48	MC05520T	25.74	MC05520C	27.02
2.5	6.0	4.5	51.0	2	MC05525	25.60	MC05525T	29.84	MC05525C	31.11
3.0	6.0	7.0	51.0	2	MC05530	21.48	MC05530T	25.74	MC05530C	27.02
3.5	6.0	7.5	52.5	2	MC05535	25.60	MC05535T	31.96	MC05535C	33.87
4.0	6.0	9.5	52.5	2	MC05540	21.48	MC05540T	27.85	MC05540C	29.77
4.5	6.0	9.5	52.5	2	MC05545	25.60	MC05545T	31.96	MC05545C	33.87
5.0	6.0	9.5	52.5	2	MC05550	21.48	MC05550T	30.40	MC05550C	33.08
5.5	6.0	11.0	55.5	2	MC05555	25.60	MC05555T	34.51	MC05555C	37.19
6.0	6.0	11.0	56.5	2	MC05560	21.48	MC05560T	30.40	MC05560C	33.08
6.5	10.0	11.0	58.5	2	MC05565	21.48	MC05565T	32.94	MC05565C	36.38
7.0	10.0	11.0	58.5	2	MC05570	21.48	MC05570T	32.94	MC05570C	36.38
7.5	10.0	11.0	58.5	2	MC05575	23.78	MC05575T	35.24	MC05575C	38.67
8.0	10.0	12.5	59.5	2	MC05580	23.78	MC05580T	35.24	MC05580C	38.67
8.5	10.0	14.5	60.5	2	MC05585	23.78	MC05585T	35.24	MC05585C	38.67
9.0	10.0	14.5	60.5	2	MC05590	23.78	MC05590T	35.24	MC05590C	38.67
9.5	10.0	14.5	60.5	2	MC05595	24.43	MC05595T	35.89	MC05595C	39.32
10.0	10.0	14.5	60.5	2	MC05600	24.43	MC05600T	40.13	MC05600C	44.85
10.5	12.0	17.5	65.0	2	MC05605	24.43	MC05605T	40.13	MC05605C	44.85
11.0	12.0	17.5	65.0	2	MC05610	24.43	MC05610T	40.13	MC05610C	44.85
11.5	12.0	17.5	65.0	2	MC05615	24.43	MC05615T	40.13	MC05615C	44.85
12.0	12.0	19.0	66.5	2	MC05620	30.28	MC05620T	46.00	MC05620C	50.70
12.5	12.0	19.0	66.5	2	MC05625	50.33	MC05625T	66.05	MC05625C	70.76

**THREADED SHANK SLOT DRILL - STANDARD LENGTH - HSS**  
**FRAISES A DEUX CANNELURES - LONGEUR REG. - ACIER RAPIDE**

**MC05**



**STD HSS**

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
13.0	12.0	19.0	66.5	2	MC05630	32.58	MC05630T	56.76	MC05630C	64.03
13.5	12.0	22.0	68.5	2	MC05635	52.77	MC05635T	76.97	MC05635C	84.23
14.0	12.0	22.0	68.5	2	MC05640	39.42	MC05640T	63.62	MC05640C	70.86
14.5	16.0	22.0	72.0	2	MC05645	62.76	MC05645T	86.95	MC05645C	94.21
15.0	16.0	22.0	72.0	2	MC05650	41.02	MC05650T	65.23	MC05650C	72.48
16.0	16.0	22.0	72.0	2	MC05660	44.47	MC05660T	78.86	MC05660C	89.16
17.0	16.0	24.0	74.0	2	MC05670	47.23	MC05670T	81.62	MC05670C	91.93
18.0	16.0	24.0	74.0	2	MC05680	50.98	MC05680T	85.37	MC05680C	95.68
19.0	16.0	25.5	77.0	2	MC05690	52.45	MC05690T	86.82	MC05690C	97.15
20.0	16.0	25.5	77.0	2	MC05700	57.32	MC05700T	91.70	MC05700C	102.02
21.0	25.0	25.5	98.5	2	MC05710	93.68	MC05710T	143.77	MC05710C	158.79
22.0	25.0	25.5	100.0	2	MC05720	93.68	MC05720T	143.77	MC05720C	158.79
23.0	25.0	25.5	101.5	2	MC05730	100.17	MC05730T	150.26	MC05730C	165.29
24.0	25.0	25.5	103.0	2	MC05740	100.01	MC05740T	150.10	MC05740C	165.12
25.0	25.0	27.0	95.0	2	MC05750	100.17	MC05750T	150.26	MC05750C	165.29
26.0	25.0	27.0	95.0	2	MC05760	101.60	MC05760T	151.68	MC05760C	166.71
27.0	25.0	28.5	93.5	2	MC05770	117.25	MC05770T	167.35	MC05770C	182.37
28.0	25.0	30.0	95.0	2	MC05780	117.25	MC05780T	167.35	MC05780C	182.37
29.0	25.0	30.0	93.5	2	MC05790	127.05	MC05790T	177.14	MC05790C	192.17
30.0	25.0	30.0	93.5	2	MC05830	127.05	MC05830T	177.14	MC05830C	192.17
32.0	25.0	38.0	101.5	2	MC05832	137.64	MC05832T	187.73	MC05832C	202.77
32.0	32.0	35.0	117.5	2	MC05932	137.64	MC05932T	260.32	MC05932C	297.11
34.0	25.0	38.0	101.5	2	MC05834	157.20	MC05834T	279.87	MC05834C	316.67
35.0	25.0	39.5	103.0	2	MC05835	171.83	MC05835T	294.51	MC05835C	331.32
36.0	25.0	39.5	103.0	2	MC05836	186.51	MC05836T	309.17	MC05836C	345.98
38.0	25.0	43.0	106.5	2	MC05838	203.61	MC05838T	326.29	MC05838C	363.09
40.0	25.0	46.0	111.0	2	MC05840	227.20	MC05840T	349.88	MC05840C	386.68
40.0	32.0	46.0	117.5	2	MC05940	227.20	MC05940T	349.88	MC05940C	386.68
42.0	25.0	47.5	112.5	2	MC05842	294.85	MC05842T	417.51	MC05842C	454.31
42.0	32.0	47.5	117.5	2	MC05942	294.85	MC05942T	417.51	MC05942C	454.31
44.0	25.0	51.0	116.0	2	MC05844	268.76	MC05844T	391.43	MC05844C	428.23
45.0	25.0	51.0	116.0	2	MC05845	282.63	MC05845T	405.30	MC05845C	442.10
45.0	32.0	47.5	119.0	2	MC05945	325.03	MC05945T	447.70	MC05945C	484.50
50.0	25.0	54.0	117.5	2	MC05850	348.55	MC05850T	471.22	MC05850C	508.02
50.0	32.0	51.0	117.5	2	MC05950	348.55	MC05950T	471.22	MC05950C	508.02



**THREADED SHANK SLOT DRILL - STANDARD LENGTH - COBALT**  
**FRAISES A DEUX CANNELURES - LONGEUR REG. - COBALT**

**MC35**



**STD COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/16	1/4	3/32	1-29/32	2	MC35004	32.12	MC35004T	36.36	MC35004C	37.64
5/64	1/4	3/32	1-15/16	2	MC35005	32.12	MC35005T	36.36	MC35005C	37.64
3/32	1/4	3/16	2"	2	MC35006	33.73	MC35006T	37.97	MC35006C	39.25
7/64	1/4	1/4	2"	2	MC35007	33.73	MC35007T	37.97	MC35007C	39.25
1/8	1/4	9/32	2"	2	MC35008	33.73	MC35008T	37.97	MC35008C	39.25
9/64	1/4	3/8	2-1/16	2	MC35009	33.73	MC35009T	40.09	MC35009C	41.99
5/32	1/4	3/8	2-1/16	2	MC35010	33.73	MC35010T	40.09	MC35010C	41.99
11/64	1/4	3/8	2-1/16	2	MC35011	33.73	MC35011T	40.09	MC35011C	41.99
3/16	1/4	3/8	2-1/16	2	MC35012	33.73	MC35012T	40.09	MC35012C	41.99
13/64	1/4	7/16	2-3/16	2	MC35013	33.73	MC35013T	42.63	MC35013C	45.32
7/32	1/4	7/16	2-3/16	2	MC35014	33.73	MC35014T	42.63	MC35014C	45.32
15/64	1/4	7/16	2-7/32	2	MC35015	33.73	MC35015T	42.63	MC35015C	45.32
1/4	1/4	7/16	2-7/32	2	MC35016	33.73	MC35016T	42.63	MC35016C	45.32
9/32	3/8	7/16	2-5/16	2	MC35018	45.65	MC35018T	57.12	MC35018C	60.56
5/16	3/8	1/2	2-11/32	2	MC35020	35.00	MC35020T	46.46	MC35020C	49.90
11/32	3/8	9/16	2-3/8	2	MC35022	49.20	MC35022T	60.66	MC35022C	64.10
3/8	3/8	9/16	2-3/8	2	MC35024	36.65	MC35024T	48.11	MC35024C	51.56
7/16	1/2	11/16	2-9/16	2	MC35028	43.17	MC35028T	58.87	MC35028C	63.59
1/2	1/2	3/4	2-5/8	2	MC35032	45.61	MC35032T	61.32	MC35032C	66.02
9/16	1/2	27/32	2-23/32	2	MC35036	58.64	MC35036T	82.85	MC35036C	90.10
5/8	5/8	7/8	2-27/32	2	MC35040	58.64	MC35040T	82.85	MC35040C	90.10
11/16	5/8	15/16	2-29/32	2	MC35044	64.35	MC35044T	88.55	MC35044C	95.81
3/4	5/8	1"	2-31/32	2	MC35048	77.36	MC35048T	101.57	MC35048C	108.82
7/8	1"	1"	3-15/16	2	MC35056	114.35	MC35056T	164.43	MC35056C	179.46
1"	1"	1-1/16	3-3/4	2	MC35100	144.95	MC35100T	195.05	MC35100C	210.07
1-1/8	1"	1-3/16	3-3/4	2	MC35108	190.58	MC35108T	240.68	MC35108C	255.70
1-1/4	1"	1-1/2	4"	2	MC35116	219.08	MC35116T	269.18	MC35116C	284.20
1-1/2	1"	1-11/16	4-3/16	2	MC35132	296.42	MC35132T	346.52	MC35132C	361.55
2"	1-1/4	2"	4-5/8	2	MC35500	485.37	MC35500T	573.68	MC35500C	600.16

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

**THREADED SHANK SLOT DRILL - STANDARD LENGTH - COBALT**  
**FRAISES A DEUX CANNELURES - LONGEUR REG. - COBALT**

**MC35**



**STD COBALT**

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1.5	6.0	2.5	48.5	2	MC35515	44.78	MC35515T	49.04	MC35515C	50.31
2.0	6.0	3.0	49.0	2	MC35520	35.36	MC35520T	39.62	MC35520C	40.89
2.5	6.0	4.5	51.0	2	MC35525	38.28	MC35525T	42.54	MC35525C	43.81
3.0	6.0	7.0	51.0	2	MC35530	35.36	MC35530T	39.62	MC35530C	40.89
3.5	6.0	7.5	52.5	2	MC35535	38.28	MC35535T	44.65	MC35535C	46.56
4.0	6.0	9.5	52.5	2	MC35540	35.36	MC35540T	41.73	MC35540C	43.65
4.5	6.0	9.5	52.5	2	MC35545	42.69	MC35545T	49.07	MC35545C	50.97
5.0	6.0	9.5	52.5	2	MC35550	38.28	MC35550T	47.20	MC35550C	49.86
5.5	6.0	11.0	55.5	2	MC35555	40.72	MC35555T	49.62	MC35555C	52.30
6.0	6.0	11.0	56.5	2	MC35560	38.28	MC35560T	47.20	MC35560C	49.86
6.5	10.0	11.0	58.5	2	MC35565	40.72	MC35565T	52.17	MC35565C	55.61
7.0	10.0	11.0	58.5	2	MC35570	40.72	MC35570T	52.17	MC35570C	55.61
7.5	10.0	11.0	58.5	2	MC35575	44.32	MC35575T	55.79	MC35575C	59.23
8.0	10.0	12.5	59.5	2	MC35580	40.72	MC35580T	52.17	MC35580C	55.61
8.5	10.0	14.5	60.5	2	MC35585	44.32	MC35585T	55.79	MC35585C	59.23
9.0	10.0	14.5	60.5	2	MC35590	47.59	MC35590T	59.04	MC35590C	62.48
10.0	10.0	14.5	60.5	2	MC35600	40.72	MC35600T	56.43	MC35600C	61.13
11.0	12.0	17.5	65.0	2	MC35610	56.21	MC35610T	71.91	MC35610C	76.63
12.0	12.0	19.0	66.5	2	MC35620	50.84	MC35620T	66.54	MC35620C	71.25
13.0	12.0	19.0	66.5	2	MC35630	94.63	MC35630T	118.82	MC35630C	126.08
14.0	12.0	22.0	68.5	2	MC35640	58.64	MC35640T	62.85	MC35640C	90.10
15.0	16.0	22.0	72.0	2	MC35650	94.63	MC35650T	118.82	MC35650C	126.08
16.0	16.0	22.0	72.0	2	MC35660	70.83	MC35660T	105.21	MC35660C	115.53
17.0	16.0	24.0	74.0	2	MC35670	94.63	MC35670T	129.00	MC35670C	139.32
18.0	16.0	24.0	74.0	2	MC35680	79.81	MC35680T	114.19	MC35680C	124.51
19.0	16.0	25.5	77.0	2	MC35690	118.26	MC35690T	152.64	MC35690C	162.96
20.0	16.0	25.5	77.0	2	MC35700	94.82	MC35700T	129.19	MC35700C	139.51
22.0	25.0	25.5	100.0	2	MC35720	118.09	MC35720T	168.18	MC35720C	183.20
24.0	25.0	25.5	103.0	2	MC35740	141.71	MC35740T	191.79	MC35740C	206.82
25.0	25.0	27.0	95.0	2	MC35750	147.42	MC35750T	197.51	MC35750C	212.63
26.0	25.0	27.0	95.0	2	MC35760	162.89	MC35760T	212.97	MC35760C	228.00
28.0	25.0	30.0	95.0	2	MC35780	162.89	MC35780T	212.97	MC35780C	228.00
30.0	25.0	30.0	93.5	2	MC35830	166.13	MC35830T	216.23	MC35830C	231.25
32.0	25.0	38.0	101.5	2	MC35832	199.53	MC35832T	249.62	MC35832C	264.64
32.0	32.0	35.0	117.5	2	MC35932	199.53	MC35932T	322.20	MC35932C	359.01
35.0	25.0	39.5	103.0	2	MC35835	275.26	MC35835T	397.94	MC35835C	434.74
35.0	32.0	39.5	111.0	2	MC35935	275.26	MC35935T	397.94	MC35935C	434.74
38.0	32.0	43.0	114.5	2	MC35938	346.13	MC35938T	468.80	MC35938C	505.61
40.0	25.0	46.0	111.0	2	MC35840	346.13	MC35840T	468.80	MC35840C	505.61
40.0	32.0	46.0	117.5	2	MC35940	346.13	MC35940T	468.80	MC35940C	505.61
45.0	32.0	47.5	119.0	2	MC35945	519.20	MC35945T	641.87	MC35945C	678.67
50.0	32.0	51.0	117.5	2	MC35950	691.83	MC35950T	814.51	MC35950C	851.31





**THREADED SHANK SLOT DRILL - LONG SERIES - HSS**  
**FRAISES A DEUX CANNELURES - SERIE LONGUE - ACIER RAPIDE**

**MC06**



**LS HSS**

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
2.0	6.0	4.0	51.0	2	MC06520	29.34	MC06520T	33.58	MC06520C	34.86
2.5	6.0	6.5	54.0	2	MC06525	29.34	MC06525T	33.58	MC06525C	34.86
3.0	6.0	11.0	60.5	2	MC06530	29.34	MC06530T	33.58	MC06530C	34.86
3.5	6.0	12.5	66.5	2	MC06535	29.34	MC06535T	35.70	MC06535C	37.61
4.0	6.0	12.5	66.5	2	MC06540	29.34	MC06540T	35.70	MC06540C	37.61
4.5	6.0	12.5	66.5	2	MC06545	29.34	MC06545T	35.70	MC06545C	37.61
5.0	6.0	12.5	70.0	2	MC06550	29.34	MC06550T	38.24	MC06550C	40.93
5.5	6.0	16.0	76.0	2	MC06555	29.34	MC06555T	38.24	MC06555C	40.93
6.0	6.0	16.0	76.0	2	MC06560	29.34	MC06560T	38.24	MC06560C	40.93
6.5	10.0	16.0	76.0	2	MC06565	26.87	MC06565T	38.34	MC06565C	41.76
7.0	10.0	16.0	76.0	2	MC06570	26.87	MC06570T	38.34	MC06570C	41.76
7.5	10.0	16.0	76.0	2	MC06575	26.87	MC06575T	38.34	MC06575C	41.76
8.0	10.0	19.0	79.5	2	MC06580	29.72	MC06580T	41.18	MC06580C	44.61
8.5	10.0	22.0	82.5	2	MC06585	29.72	MC06585T	41.18	MC06585C	44.61
9.0	10.0	22.0	82.5	2	MC06590	29.72	MC06590T	41.18	MC06590C	44.61
10.0	10.0	22.0	82.5	2	MC06600	30.56	MC06600T	46.26	MC06600C	50.97
11.0	12.0	22.0	89.0	2	MC06610	30.56	MC06610T	46.26	MC06610C	50.97
12.0	12.0	25.5	95.0	2	MC06620	37.88	MC06620T	53.58	MC06620C	58.30
13.0	12.0	25.5	95.0	2	MC06630	37.88	MC06630T	62.08	MC06630C	69.32
14.0	12.0	28.5	101.5	2	MC06640	49.29	MC06640T	73.47	MC06640C	80.73
15.0	16.0	31.5	108.0	2	MC06650	51.31	MC06650T	75.50	MC06650C	82.75
16.0	16.0	31.5	108.0	2	MC06660	55.81	MC06660T	90.00	MC06660C	100.31
17.0	16.0	35.0	114.5	2	MC06670	56.27	MC06670T	90.66	MC06670C	100.97
18.0	16.0	35.0	114.5	2	MC06680	60.40	MC06680T	94.77	MC06680C	105.09
19.0	16.0	38.0	120.5	2	MC06690	69.72	MC06690T	104.11	MC06690C	114.42
20.0	16.0	38.0	120.5	2	MC06700	67.06	MC06700T	101.44	MC06700C	111.76
22.0	25.0	41.5	140.0	2	MC06720	112.50	MC06720T	162.58	MC06720C	177.62
24.0	25.0	41.5	152.5	2	MC06740	115.90	MC06740T	165.98	MC06740C	181.01
25.0	25.0	44.5	159.0	2	MC06750	112.50	MC06750T	162.58	MC06750C	177.62
26.0	25.0	44.5	159.0	2	MC06760	133.37	MC06760T	183.46	MC06760C	196.48
28.0	25.0	47.5	159.0	2	MC06780	139.37	MC06780T	189.45	MC06780C	204.48
30.0	25.0	51.0	159.0	2	MC06830	158.30	MC06830T	208.36	MC06830C	223.41
32.0	25.0	51.0	159.0	2	MC06832	167.61	MC06832T	237.71	MC06832C	252.74
34.0	25.0	51.0	159.0	2	MC06834	222.40	MC06834T	272.49	MC06834C	287.51
35.0	25.0	54.0	159.0	2	MC06835	227.86	MC06835T	277.97	MC06835C	292.98
36.0	25.0	54.0	159.0	2	MC06836	234.54	MC06836T	284.62	MC06836C	299.65
38.0	25.0	57.0	159.0	2	MC06838	276.07	MC06838T	326.16	MC06838C	341.19
40.0	25.0	57.0	159.0	2	MC06840	305.41	MC06840T	355.51	MC06840C	370.52
42.0	25.0	57.0	159.0	2	MC06842	343.14	MC06842T	393.23	MC06842C	408.26
45.0	25.0	57.0	159.0	2	MC06845	393.99	MC06845T	444.08	MC06845C	459.10
50.0	32.0	63.5	159.0	2	MC06950	594.14	MC06950T	716.81	MC06950C	753.62



**THREADED SHANK SLOT DRILL - LONG SERIES - COBALT**  
**FRAISES A DEUX CANNELURES - SERIE LONGUE - COBALT**

**MC38**



**LS COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/16	1/4	3/16	2"	2	MC38004	51.31	MC38004T	55.56	MC38004C	56.83
3/32	1/4	1/4	2-1/8	2	MC38006	51.31	MC38006T	55.56	MC38006C	56.83
1/8	1/4	7/16	2-1/2	2	MC38008	51.31	MC38008T	55.56	MC38008C	56.83
5/32	1/4	1/2	2-3/4	2	MC38010	51.31	MC38010T	57.68	MC38010C	59.58
3/16	1/4	1/2	2-3/4	2	MC38012	51.31	MC38012T	57.68	MC38012C	59.58
7/32	1/4	5/8	3"	2	MC38014	51.31	MC38014T	60.22	MC38014C	62.90
1/4	1/4	5/8	3"	2	MC38016	51.31	MC38016T	60.22	MC38016C	62.90
5/16	3/8	3/4	3-1/8	2	MC38020	54.24	MC38020T	65.71	MC38020C	69.15
3/8	3/8	7/8	3-1/4	2	MC38024	63.54	MC38024T	75.00	MC38024C	78.45
1/2	1/2	1"	3-3/4	2	MC38032	75.75	MC38032T	91.46	MC38032C	96.16
5/8	5/8	1-1/4	4-1/4	2	MC38040	102.61	MC38040T	126.81	MC38040C	134.06
3/4	5/8	1-1/2	4-3/4	2	MC38048	130.31	MC38048T	154.50	MC38048C	161.76
7/8	1"	1-5/8	5-1/2	2	MC38056	149.87	MC38056T	199.96	MC38056C	214.99
1"	1"	1-3/4	6-1/4	2	MC38100	234.85	MC38100T	284.95	MC38100C	299.97
<b>Metric - Metrique</b>										
2.0	6.0	4.0	51.0	2	MC38520	44.81	MC38520T	49.07	MC38520C	50.33
2.5	6.0	6.5	54.0	2	MC38525	50.34	MC38525T	54.60	MC38525C	55.86
3.0	6.0	11.0	60.5	2	MC38530	43.95	MC38530T	48.21	MC38530C	49.48
3.5	6.0	12.5	66.5	2	MC38535	50.34	MC38535T	56.71	MC38535C	58.62
4.0	6.0	12.5	66.5	2	MC38540	43.95	MC38540T	50.32	MC38540C	52.24
4.5	6.0	12.5	66.5	2	MC38545	50.34	MC38545T	56.71	MC38545C	58.62
5.0	6.0	12.5	70.0	2	MC38550	43.95	MC38550T	52.87	MC38550C	55.55
5.5	6.0	16.0	76.0	2	MC38555	50.34	MC38555T	59.26	MC38555C	61.94
6.0	6.0	16.0	76.0	2	MC38560	43.70	MC38560T	52.62	MC38560C	55.29
6.5	10.0	16.0	76.0	2	MC38565	78.48	MC38565T	89.93	MC38565C	93.37
7.0	10.0	16.0	76.0	2	MC38570	74.39	MC38570T	85.86	MC38570C	89.30
7.5	10.0	16.0	76.0	2	MC38575	78.48	MC38575T	89.93	MC38575C	93.37
8.0	10.0	19.0	79.5	2	MC38580	66.07	MC38580T	77.53	MC38580C	80.97
9.0	10.0	22.0	82.5	2	MC38590	77.11	MC38590T	88.58	MC38590C	92.00
10.0	10.0	22.0	82.5	2	MC38600	65.34	MC38600T	81.06	MC38600C	85.76
12.0	12.0	25.5	95.0	2	MC38620	80.69	MC38620T	96.39	MC38620C	101.12
14.0	12.0	28.5	101.5	2	MC38640	96.78	MC38640T	120.98	MC38640C	128.24
16.0	16.0	31.5	108.0	2	MC38660	107.44	MC38660T	141.82	MC38660C	152.13
18.0	16.0	35.0	114.5	2	MC38680	136.59	MC38680T	170.98	MC38680C	181.29
20.0	16.0	38.0	120.5	2	MC38700	153.05	MC38700T	187.44	MC38700C	197.75
22.0	25.0	41.5	140.0	2	MC38720	266.41	MC38720T	332.20	MC38720C	351.93
24.0	25.0	41.5	152.5	2	MC38740	280.96	MC38740T	346.75	MC38740C	366.48
25.0	25.0	44.5	159.0	2	MC38750	256.19	MC38750T	321.97	MC38750C	341.71
28.0	25.0	47.5	159.0	2	MC38780	384.46	MC38780T	450.24	MC38780C	469.97
30.0	25.0	51.0	159.0	2	MC38830	429.62	MC38830T	495.41	MC38830C	515.14
32.0	32.0	51.0	159.0	2	MC38932	550.07	MC38932T	672.75	MC38932C	709.55

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

**THREADED SHANK SLOT DRILL - BALL NOSE - HSS**  
**FRAISES A DEUX CANNELURES - BOUT SPHERIQUE - ACIER RAPIDE**

**MC07**



**BN HSS**

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/16	1/4	3/32	1-29/32	2	MC07004	37.93	MC07004T	42.17	MC07004C	43.45
3/32	1/4	3/16	2"	2	MC07006	32.58	MC07006T	36.62	MC07006C	38.10
1/8	1/4	9/32	2"	2	MC07008	32.58	MC07008T	36.62	MC07008C	38.10
5/32	1/4	3/8	2-1/16	2	MC07010	32.58	MC07010T	38.94	MC07010C	40.85
3/16	1/4	3/8	2-1/16	2	MC07012	32.58	MC07012T	38.94	MC07012C	40.85
7/32	1/4	7/16	2-3/16	2	MC07014	32.58	MC07014T	41.49	MC07014C	44.16
1/4	1/4	7/16	2-7/32	2	MC07016	32.58	MC07016T	41.49	MC07016C	44.16
9/32	3/8	7/16	2-5/16	2	MC07018	34.21	MC07018T	45.66	MC07018C	49.11
5/16	3/8	1/2	2-11/32	2	MC07020	34.21	MC07020T	45.66	MC07020C	49.11
3/8	3/8	9/16	2-3/8	2	MC07024	39.09	MC07024T	50.55	MC07024C	53.99
7/16	1/2	11/16	2-9/16	2	MC07028	41.02	MC07028T	56.73	MC07028C	61.45
1/2	1/2	3/4	2-5/8	2	MC07032	43.95	MC07032T	59.67	MC07032C	64.38
9/16	1/2	27/32	2-23/32	2	MC07036	50.48	MC07036T	74.69	MC07036C	81.94
5/8	5/8	7/8	2-27/32	2	MC07040	52.94	MC07040T	77.13	MC07040C	84.40
11/16	5/8	15/16	2-29/32	2	MC07044	62.21	MC07044T	86.40	MC07044C	93.67
3/4	5/8	1"	3-1/32	2	MC07048	65.47	MC07048T	89.66	MC07048C	96.93
7/8	1"	1"	3-15/16	2	MC07056	87.96	MC07056T	138.04	MC07056C	153.07
1"	1"	1 1/16	3-3/4	2	MC07100	109.12	MC07100T	159.21	MC07100C	174.24
1-1/8	1"	1 3/16	3-3/4	2	MC07108	128.67	MC07108T	178.75	MC07108C	193.78
1-1/4	1"	1-7/16	3-15/16	2	MC07116	151.47	MC07116T	201.57	MC07116C	216.59
1-1/2	1"	1-11/16	4-3/16	2	MC07132	203.61	MC07132T	253.71	MC07132C	268.74
<b>Metric - Metrique</b>										
2.0	6.0	3.0	49.0	2	MC07520	45.87	MC07520T	50.13	MC07520C	51.40
2.5	6.0	4.5	51.0	2	MC07525	45.87	MC07525T	50.13	MC07525C	51.40
3.0	6.0	7.0	51.0	2	MC07530	42.26	MC07530T	46.50	MC07530C	47.78
4.0	6.0	9.5	52.5	2	MC07540	42.26	MC07540T	48.63	MC07540C	50.53
5.0	6.0	9.5	52.5	2	MC07550	42.26	MC07550T	51.17	MC07550C	53.84
6.0	6.0	11.0	56.5	2	MC07560	42.26	MC07560T	51.17	MC07560C	53.84
7.0	10.0	11.0	58.5	2	MC07570	47.65	MC07570T	59.10	MC07570C	62.55
8.0	10.0	12.5	59.5	2	MC07580	37.55	MC07580T	49.01	MC07580C	52.46
9.0	10.0	14.5	58.5	2	MC07590	43.13	MC07590T	54.60	MC07590C	58.03
10.0	10.0	14.5	60.5	2	MC07600	43.13	MC07600T	58.84	MC07600C	63.56
11.0	12.0	17.5	65.0	2	MC07610	58.33	MC07610T	74.04	MC07610C	78.74
12.0	12.0	19.0	66.5	2	MC07620	50.57	MC07620T	66.29	MC07620C	71.00
13.0	12.0	19.0	66.5	2	MC07630	70.75	MC07630T	94.94	MC07630C	102.19
14.0	12.0	22.0	68.5	2	MC07640	71.05	MC07640T	95.25	MC07640C	102.51
15.0	16.0	22.0	72.0	2	MC07650	81.89	MC07650T	106.08	MC07650C	113.35
16.0	16.0	22.0	72.0	2	MC07660	76.32	MC07660T	109.96	MC07660C	120.08
17.0	16.0	24.0	73.0	2	MC07670	85.02	MC07670T	118.67	MC07670C	128.78
18.0	16.0	24.0	74.0	2	MC07680	91.53	MC07680T	125.19	MC07680C	135.28
19.0	16.0	25.5	77.0	2	MC07690	100.22	MC07690T	133.86	MC07690C	143.97
20.0	16.0	25.5	77.0	2	MC07700	118.32	MC07700T	151.97	MC07700C	162.07
22.0	25.0	25.5	100.0	2	MC07720	144.89	MC07720T	194.97	MC07720C	210.00
24.0	25.0	25.5	103.0	2	MC07740	153.88	MC07740T	203.96	MC07740C	218.99
25.0	25.0	28.5	97.0	2	MC07750	140.54	MC07750T	190.64	MC07750C	205.66
28.0	25.0	30.0	95.0	2	MC07780	159.79	MC07780T	209.88	MC07780C	224.90
30.0	25.0	30.0	93.5	2	MC07830	169.09	MC07830T	219.19	MC07830C	234.21
32.0	25.0	36.5	100.0	2	MC07832	200.11	MC07832T	250.20	MC07832C	265.23



**THREADED SHANK SLOT DRILL - BALL NOSE - LONG SERIES - HSS**  
**FRAISES A DEUX CANNELURES - BOUT SPHERIQUE - SERIE LONGUE - ACIER RAPIDE**

**MC08**



**BN LS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
<i>Fractional - Fractionnel</i>										
1/16	1/4	3/16	2"	2	MC08004	63.37	MC08004T	67.62	MC08004C	68.89
1/8	1/4	7/16	2-1/2	2	MC08008	41.02	MC08008T	45.28	MC08008C	46.55
3/16	1/4	1/2	2-3/4	2	MC08012	41.02	MC08012T	47.40	MC08012C	49.31
1/4	1/4	5/8	3"	2	MC08016	41.02	MC08016T	49.94	MC08016C	52.62
5/16	3/8	3/4	3-1/8	2	MC08020	41.02	MC08020T	52.49	MC08020C	55.93
3/8	3/8	7/8	3-1/4	2	MC08024	43.17	MC08024T	54.63	MC08024C	58.07
7/16	1/2	7/8	3-1/2	2	MC08028	52.11	MC08028T	67.83	MC08028C	72.53
1/2	1/2	1"	3-3/4	2	MC08032	54.58	MC08032T	70.29	MC08032C	74.99
9/16	1/2	1-1/8	4"	2	MC08036	72.41	MC08036T	96.60	MC08036C	103.87
5/8	5/8	1-1/4	4-1/4	2	MC08040	65.47	MC08040T	89.66	MC08040C	96.93
3/4	5/8	1-1/2	4-3/4	2	MC08048	88.80	MC08048T	112.98	MC08048C	120.24
7/8	1"	1-5/8	5-1/2	2	MC08056	119.71	MC08056T	169.80	MC08056C	184.82
1"	1"	1-3/4	6-1/4	2	MC08100	150.65	MC08100T	200.74	MC08100C	215.78
1-1/4	1"	2"	6-1/4	2	MC08116	257.85	MC08116T	307.94	MC08116C	322.97
1-1/2	1"	2-1/4	6-1/4	2	MC08132	341.33	MC08132T	391.43	MC08132C	406.46
1-1/2	1-1/4	2-1/4	6-1/4	2	MC08432	519.30	MC08432T	607.59	MC08432C	634.08
<i>Metric - Metrique</i>										
3.0	6.0	11.0	60.5	2	MC08530	42.26	MC08530T	46.50	MC08530C	47.78
4.0	6.0	12.5	66.5	2	MC08540	46.58	MC08540T	52.95	MC08540C	54.86
5.0	6.0	12.5	70.0	2	MC08550	45.87	MC08550T	54.80	MC08550C	57.47
6.0	6.0	16.0	76.0	2	MC08560	45.55	MC08560T	54.45	MC08560C	57.13
8.0	10.0	19.0	79.5	2	MC08580	55.48	MC08580T	68.94	MC08580C	70.37
9.0	10.0	22.0	82.5	2	MC08590	70.57	MC08590T	82.03	MC08590C	85.47
10.0	10.0	22.0	82.5	2	MC08600	61.76	MC08600T	77.47	MC08600C	82.18
11.0	12.0	22.0	89.0	2	MC08610	79.67	MC08610T	95.39	MC08610C	100.10
12.0	12.0	25.5	95.0	2	MC08620	73.64	MC08620T	89.34	MC08620C	94.06
13.0	12.0	25.5	95.0	2	MC08630	91.16	MC08630T	106.88	MC08630C	111.58
14.0	12.0	28.5	101.5	2	MC08640	102.61	MC08640T	118.32	MC08640C	123.03
15.0	16.0	31.5	108.0	2	MC08650	124.75	MC08650T	159.13	MC08650C	169.44
16.0	16.0	31.5	108.0	2	MC08660	111.26	MC08660T	145.62	MC08660C	155.95
17.0	16.0	35.0	114.5	2	MC08670	130.71	MC08670T	165.09	MC08670C	175.41
18.0	16.0	35.0	114.5	2	MC08680	138.91	MC08680T	171.30	MC08680C	181.61
19.0	16.0	38.0	120.5	2	MC08690	156.50	MC08690T	190.88	MC08690C	201.19
20.0	16.0	38.0	120.5	2	MC08700	149.66	MC08700T	184.04	MC08700C	194.34
22.0	25.0	41.5	140.0	2	MC08720	223.14	MC08720T	273.22	MC08720C	288.25
24.0	25.0	41.5	152.5	2	MC08740	245.88	MC08740T	295.96	MC08740C	310.99
25.0	25.0	44.5	159.0	2	MC08750	243.81	MC08750T	293.90	MC08750C	308.92
28.0	25.0	47.5	159.0	2	MC08780	328.10	MC08780T	378.20	MC08780C	393.21
30.0	25.0	51.0	159.0	2	MC08800	395.98	MC08800T	446.07	MC08800C	461.10

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

THREADED SHANK 3 FLUTE SUPERMILL - COBALT  
 FRAISES A TROIS CANNELURES SUPERMILL - COBALT

MC16



3F COBALT

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGUEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
1/8	1/4	3/8	2-1/8	3	MC16008	39.91	MC16008T	44.16	MC16008C	45.43
5/32	1/4	1/2	2-1/4	3	MC16010	39.91	MC16010T	46.28	MC16010C	48.20
3/16	1/4	5/8	2-3/8	3	MC16012	39.91	MC16012T	46.28	MC16012C	48.20
7/32	1/4	5/8	2-3/8	3	MC16014	39.91	MC16014T	48.83	MC16014C	51.50
1/4	1/4	5/8	2-3/8	3	MC16016	39.91	MC16016T	48.83	MC16016C	51.50
9/32	3/8	3/4	2-1/2	3	MC16018	47.23	MC16018T	58.70	MC16018C	62.13
5/16	3/8	3/4	2-1/2	3	MC16020	47.23	MC16020T	58.70	MC16020C	62.13
11/32	3/8	7/8	2-5/8	3	MC16022	48.88	MC16022T	60.34	MC16022C	63.77
3/8	3/8	7/8	2-5/8	3	MC16024	48.88	MC16024T	60.34	MC16024C	63.77
13/32	3/8	7/8	2-5/8	3	MC16026	52.94	MC16026T	68.65	MC16026C	73.36
7/16	1/2	1"	2-13/16	3	MC16028	52.94	MC16028T	68.65	MC16028C	73.36
1/2	1/2	1"	2-13/16	3	MC16032	55.37	MC16032T	71.07	MC16032C	75.79
9/16	1/2	1-1/8	2-15/16	3	MC16036	65.14	MC16036T	89.34	MC16036C	96.60
5/8	5/8	1-1/4	3-5/32	3	MC16040	73.33	MC16040T	97.51	MC16040C	104.78
11/16	5/8	1-3/8	3-9/32	3	MC16044	84.70	MC16044T	108.90	MC16044C	116.16
3/4	5/8	1-1/2	3-17/32	3	MC16048	89.91	MC16048T	114.11	MC16048C	121.36
7/8	1"	1-5/8	4-3/16	3	MC16056	115.63	MC16056T	165.73	MC16056C	180.76
1"	1"	1-11/16	4-1/4	3	MC16100	149.87	MC16100T	199.96	MC16100C	214.99
1-1/4	1"	1-15/16	4-5/16	3	MC16116	195.44	MC16116T	245.54	MC16116C	260.56
1-1/2	1"	2-3/16	4-5/16	3	MC16132	275.26	MC16132T	325.35	MC16132C	340.38
1-3/4	1-1/4	2-1/4	4-15/16	3	MC16448	364.05	MC16448T	452.34	MC16448C	478.83
2"	1-1/4	2-9/16	5"	3	MC16500	485.35	MC16500T	573.66	MC16500C	600.14
<i>Metric / Métrique</i>										
3.0	6.0	8.0	52.0	3	MC16530	36.76	MC16530T	41.00	MC16530C	42.28
3.5	6.0	10.0	54.0	3	MC16535	36.99	MC16535T	43.35	MC16535C	45.27
4.0	6.0	11.0	55.0	3	MC16540	35.79	MC16540T	42.16	MC16540C	44.07
4.5	6.0	11.0	55.0	3	MC16545	36.99	MC16545T	43.35	MC16545C	45.27
5.0	6.0	13.0	57.0	3	MC16550	35.79	MC16550T	44.71	MC16550C	47.39
5.5	6.0	13.0	57.0	3	MC16555	36.99	MC16555T	45.90	MC16555C	48.57
6.0	6.0	13.0	57.0	3	MC16560	35.56	MC16560T	44.48	MC16560C	47.16
8.0	10.0	19.0	69.0	3	MC16580	35.33	MC16580T	46.79	MC16580C	50.23
10.0	10.0	22.0	72.0	3	MC16600	41.25	MC16600T	56.96	MC16600C	61.68
12.0	12.0	26.0	83.0	3	MC16620	41.72	MC16620T	57.42	MC16620C	62.14
14.0	12.0	26.0	83.0	3	MC16640	59.98	MC16640T	84.18	MC16640C	91.43
16.0	16.0	32.0	92.0	3	MC16660	65.21	MC16660T	99.58	MC16660C	109.89
18.0	16.0	32.0	92.0	3	MC16680	111.20	MC16680T	145.58	MC16680C	155.89
20.0	16.0	38.0	98.0	3	MC16700	92.45	MC16700T	126.84	MC16700C	137.15
22.0	25.0	38.0	110.0	3	MC16720	155.28	MC16720T	205.37	MC16720C	220.41
24.0	25.0	45.0	121.0	3	MC16740	194.41	MC16740T	244.49	MC16740C	259.52
25.0	25.0	45.0	121.0	3	MC16750	190.84	MC16750T	240.94	MC16750C	255.97
26.0	25.0	45.0	121.0	3	MC16760	232.79	MC16760T	282.88	MC16760C	297.91
28.0	25.0	45.0	121.0	3	MC16780	239.44	MC16780T	289.54	MC16780C	304.55
30.0	25.0	45.0	121.0	3	MC16830	270.27	MC16830T	320.37	MC16830C	335.39
32.0	25.0	53.0	129.0	3	MC16832	293.10	MC16832T	343.18	MC16832C	358.22
35.0	25.0	53.0	129.0	3	MC16835	417.24	MC16835T	467.33	MC16835C	482.36
38.0	25.0	63.0	139.0	3	MC16838	459.93	MC16838T	510.02	MC16838C	525.04
40.0	25.0	63.0	139.0	3	MC16840	442.11	MC16840T	492.20	MC16840C	507.22
40.0	32.0	63.0	143.0	3	MC16940	573.71	MC16940T	696.38	MC16940C	733.16
45.0	32.0	63.0	143.0	3	MC16945	606.90	MC16945T	729.58	MC16945C	766.38
50.0	32.0	75.0	155.0	3	MC16950	788.25	MC16950T	910.91	MC16950C	947.71



**THREADED SHANK 3 FLUTE SUPERMILL - LONG SERIES - COBALT**  
**FRAISES A TROIS CANNELURES SUPERMILL - SERIE LONGUE - COBALT**

**MC17**



**3F LS COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
<i>Fractional - Fractionnel</i>										
1/8	1/4	3/4	2-1/2	3	MC17008	50.48	MC17008T	54.73	MC17008C	58.01
3/16	1/4	1-1/4	3"	3	MC17012	50.48	MC17012T	56.86	MC17012C	58.76
1/4	1/4	1-1/4	3"	3	MC17016	50.48	MC17016T	59.40	MC17016C	62.08
5/16	1/4	1-1/4	3-1/8	3	MC17020	55.37	MC17020T	66.83	MC17020C	70.28
3/8	3/8	1-3/8	3-1/8	3	MC17024	60.27	MC17024T	71.74	MC17024C	75.18
7/16	1/2	1-23/32	3-17/32	3	MC17028	68.39	MC17028T	84.09	MC17028C	88.82
1/2	1/2	2"	3-13/16	3	MC17032	72.47	MC17032T	88.18	MC17032C	92.88
9/16	1/2	2-1/4	4-1/16	3	MC17036	87.96	MC17036T	112.15	MC17036C	119.42
5/8	5/8	2-1/2	4-13/32	3	MC17040	93.88	MC17040T	117.87	MC17040C	125.12
3/4	5/8	3"	4-29/32	3	MC17048	121.02	MC17048T	145.22	MC17048C	152.48
7/8	1"	3-3/8	5-15/16	3	MC17056	159.66	MC17056T	209.75	MC17056C	224.77
1"	1"	3-15/16	6-1/2	3	MC17100	205.21	MC17100T	255.31	MC17100C	270.33
1-1/4	1"	3-15/16	6-5/16	3	MC17116	221.52	MC17116T	271.60	MC17116C	286.63
1-1/2	1"	3-15/16	6-5/16	3	MC17132	306.22	MC17132T	356.31	MC17132C	371.33
1-3/4	1-1/4	4"	6-11/16	3	MC17448	517.08	MC17448T	605.39	MC17448C	631.87
2"	1-1/4	4"	6-11/16	3	MC17500	674.32	MC17500T	762.62	MC17500C	789.10
<i>Metric - Metrique</i>										
3.0	6.0	12.0	56.0	3	MC17530	44.81	MC17530T	49.07	MC17530C	50.33
3.5	6.0	15.0	59.0	3	MC17535	46.22	MC17535T	52.57	MC17535C	54.48
4.0	6.0	19.0	63.0	3	MC17540	44.81	MC17540T	51.18	MC17540C	53.09
4.5	6.0	19.0	63.0	3	MC17545	47.87	MC17545T	54.23	MC17545C	56.15
5.0	6.0	24.0	68.0	3	MC17550	41.25	MC17550T	50.18	MC17550C	52.85
5.5	6.0	24.0	68.0	3	MC17555	51.41	MC17555T	60.33	MC17555C	63.00
6.0	6.0	24.0	68.0	3	MC17560	41.25	MC17560T	50.18	MC17560C	52.85
8.0	10.0	38.0	88.0	3	MC17580	52.14	MC17580T	63.62	MC17580C	67.05
10.0	10.0	45.0	95.0	3	MC17600	51.45	MC17600T	67.17	MC17600C	71.87
12.0	12.0	53.0	110.0	3	MC17620	57.86	MC17620T	73.57	MC17620C	78.28
14.0	12.0	53.0	110.0	3	MC17640	78.25	MC17640T	102.44	MC17640C	109.70
16.0	16.0	63.0	123.0	3	MC17660	91.27	MC17660T	125.65	MC17660C	136.96
18.0	16.0	63.0	123.0	3	MC17680	118.55	MC17680T	152.93	MC17680C	163.23
20.0	16.0	75.0	135.0	3	MC17700	123.27	MC17700T	157.66	MC17700C	167.98
22.0	25.0	75.0	147.0	3	MC17720	263.15	MC17720T	313.25	MC17720C	328.27
24.0	25.0	90.0	166.0	3	MC17740	279.75	MC17740T	329.85	MC17740C	344.87
25.0	25.0	90.0	166.0	3	MC17750	224.03	MC17750T	274.11	MC17750C	289.14
28.0	25.0	90.0	166.0	3	MC17780	350.88	MC17780T	400.96	MC17780C	416.00
30.0	25.0	90.0	166.0	3	MC17830	362.73	MC17830T	412.82	MC17830C	427.84
32.0	25.0	106.0	182.0	3	MC17832	384.06	MC17832T	434.14	MC17832C	449.17
32.0	32.0	106.0	188.0	3	MC17932	384.06	MC17932T	506.73	MC17932C	543.53
35.0	25.0	106.0	182.0	3	MC17835	438.59	MC17835T	561.26	MC17835C	598.06
40.0	25.0	125.0	201.0	3	MC17840	606.90	MC17840T	729.58	MC17840C	766.38
40.0	32.0	125.0	205.0	3	MC17940	606.90	MC17940T	729.58	MC17940C	766.38

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

THREADED SHANK ALIMILLS - HIGH HELIX - 3 FLUTE - COBALT  
 FRAISES A TROIS CANNELURES ALIMILLS - COBALT

MC62



3F COBALT ALUM

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
6.0	6.0	13.0	57.0	3	MC62506	46.16	MC62506T	55.08	MC62506C	57.75
8.0	10.0	19.0	69.0	3	MC62508	53.00	MC62508T	64.46	MC62508C	67.90
10.0	10.0	22.0	72.0	3	MC62510	66.81	MC62510T	82.51	MC62510C	87.23
12.0	12.0	26.0	83.0	3	MC62512	80.94	MC62512T	96.64	MC62512C	101.37
16.0	16.0	32.0	92.0	3	MC62516	129.87	MC62516T	164.25	MC62516C	174.57
20.0	16.0	38.0	98.0	3	MC62520	160.26	MC62520T	194.65	MC62520C	204.96
25.0	25.0	45.0	121.0	3	MC62525	222.57	MC62525T	272.67	MC62525C	287.70

THREADED SHANK 3 FLUTE SUPERCUT - COBALT  
 FRAISES A TROIS CANNELURES SUPERCUT - COBALT

MC18



3F COBALT

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
<i>Fractional - Fractionnel</i>										
1/4	1/4	5/8	2-3/8	3	MC18016	84.50	MC18016T	93.43	MC18016C	96.10
5/16	3/8	3/4	2-1/2	3	MC18020	103.67	MC18020T	115.12	MC18020C	118.57
3/8	3/8	7/8	2-5/8	3	MC18024	103.08	MC18024T	114.52	MC18024C	117.97
7/16	1/2	1"	2-13/16	3	MC18028	118.03	MC18028T	133.75	MC18028C	138.45
1/2	1/2	1"	2-13/16	3	MC18032	112.07	MC18032T	127.79	MC18032C	132.49
5/8	5/8	1-1/4	3-5/32	3	MC18040	166.01	MC18040T	190.21	MC18040C	197.46
3/4	5/8	1-1/2	3-17/32	3	MC18048	193.55	MC18048T	217.73	MC18048C	224.99
1"	1"	1-11/16	4-1/4	3	MC18100	272.02	MC18100T	322.11	MC18100C	337.13
<i>Metric - Metrique</i>										
6.0	6.0	13.0	57.0	3	MC18560	79.70	MC18560T	88.62	MC18560C	91.29
8.0	10.0	19.0	69.0	3	MC18580	86.10	MC18580T	97.56	MC18580C	101.00
10.0	10.0	22.0	72.0	3	MC18600	97.83	MC18600T	113.34	MC18600C	118.04
12.0	12.0	26.0	83.0	3	MC18620	105.47	MC18620T	121.18	MC18620C	125.90
14.0	12.0	26.0	83.0	3	MC18640	133.01	MC18640T	157.21	MC18640C	164.46
16.0	16.0	32.0	92.0	3	MC18660	155.78	MC18660T	190.13	MC18660C	200.46
18.0	16.0	32.0	92.0	3	MC18680	171.36	MC18680T	205.75	MC18680C	216.06
20.0	16.0	38.0	98.0	3	MC18700	182.68	MC18700T	217.07	MC18700C	227.38
25.0	25.0	45.0	121.0	3	MC18750	265.42	MC18750T	315.51	MC18750C	330.54



**THREADED SHANK 3 FLUTE SUPERCUT - LONG SERIES - COBALT**  
**FRAISES A TROIS CANNELURES SUPERCUT - SERIE LONGUE - COBALT**

**MC19**



**3F LS COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
<i>Fractional - Fractionnel</i>										
1/4	1/4	1-1/4	3"	3	MC19016	94.07	MC19016T	102.98	MC19016C	105.65
5/16	1/4	1-1/4	3-1/8	3	MC19020	121.01	MC19020T	132.47	MC19020C	135.90
3/8	3/8	1-3/8	3-1/8	3	MC19024	120.44	MC19024T	131.90	MC19024C	135.35
7/16	1/2	1-23/32	3-17/32	3	MC19028	137.82	MC19028T	153.53	MC19028C	158.26
1/2	1/2	2"	3-13/16	3	MC19032	125.24	MC19032T	140.95	MC19032C	145.67
5/8	5/8	2-1/2	4-13/32	3	MC19040	179.75	MC19040T	203.95	MC19040C	211.21
3/4	5/8	3"	4-29/32	3	MC19048	231.89	MC19048T	256.07	MC19048C	263.33
1"	1"	3-15/16	6-1/2	3	MC19100	407.43	MC19100T	457.52	MC19100C	472.54
<i>Metric - Metrique</i>										
6.0	6.0	24.0	68.0	3	MC19560	89.24	MC19560T	98.15	MC19560C	100.83
8.0	10.0	38.0	88.0	3	MC19580	115.63	MC19580T	127.09	MC19580C	130.54
10.0	10.0	45.0	95.0	3	MC19600	115.63	MC19600T	131.34	MC19600C	136.06
12.0	12.0	53.0	110.0	3	MC19620	119.83	MC19620T	135.53	MC19620C	140.25
14.0	12.0	53.0	110.0	3	MC19640	163.59	MC19640T	187.78	MC19640C	195.04
16.0	16.0	63.0	123.0	3	MC19660	171.36	MC19660T	205.75	MC19660C	216.06
20.0	18.0	75.0	141.0	3	MC19700	222.33	MC19700T	256.71	MC19700C	267.03

**THREADED SHANK END MILL - STANDARD LENGTH - HSS**  
**FRAISES A MULTIPLE CANNELURES - LONGEUR REG. - ACIER RAPIDE**

**MC03**



**HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3/32	1/4	1/4	2"	4	MC03006	21.34	MC03006T	25.59	MC03006C	26.86
1/8	1/4	3/8	2-1/8	4	MC03008	21.34	MC03008T	25.59	MC03008C	26.86
5/32	1/4	1/2	2-1/4	4	MC03010	21.34	MC03010T	27.71	MC03010C	29.61
3/16	1/4	1/2	2-1/4	4	MC03012	21.34	MC03012T	27.71	MC03012C	29.61
7/32	1/4	5/8	2-3/8	4	MC03014	21.34	MC03014T	30.25	MC03014C	32.92
1/4	1/4	5/8	2-3/8	4	MC03016	21.34	MC03016T	30.25	MC03016C	32.92
9/32	3/8	19/32	2-3/8	4	MC03018	23.65	MC03018T	35.11	MC03018C	38.56
5/16	3/8	23/32	2-1/2	4	MC03020	23.13	MC03020T	34.59	MC03020C	38.02
11/32	3/8	27/32	2-5/8	4	MC03022	23.65	MC03022T	35.11	MC03022C	38.56
3/8	3/8	27/32	2-5/8	4	MC03024	26.22	MC03024T	37.68	MC03024C	41.12
13/32	3/8	7/8	2-5/8	4	MC03026	26.39	MC03026T	42.09	MC03026C	46.80
7/16	1/2	3/4	2-5/8	4	MC03028	26.39	MC03028T	42.09	MC03028C	46.80
15/32	1/2	7/8	2-3/4	4	MC03030	28.01	MC03030T	43.72	MC03030C	48.44
1/2	1/2	15/16	2-3/4	4	MC03032	28.33	MC03032T	44.05	MC03032C	48.76

**THREADED SHANK END MILL - STANDARD LENGTH - HSS**  
**FRAISES A MULTIPLE CANNELURES - LONGEUR REG. - ACIER RAPIDE**

**MC03**



**HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
17/32	1/2	1-1/8	2-7/8	4	MC03034	32.24	MC03034T	56.44	MC03034C	63.69
9/16	1/2	1-1/8	2-7/8	4	MC03036	33.59	MC03036T	57.79	MC03036C	65.05
5/8	5/8	1-1/16	3-1/32	4	MC03040	37.96	MC03040T	62.15	MC03040C	69.42
11/16	5/8	1-3/8	3-5/32	4	MC03044	42.99	MC03044T	67.18	MC03044C	74.45
3/4	5/8	1-1/2	3-9/32	4	MC03048	52.30	MC03048T	76.49	MC03048C	83.76
13/16	1"	1-1/2	3-3/4	6	MC03052	70.02	MC03052T	120.12	MC03052C	135.15
7/8	1"	1-5/8	3-7/8	6	MC03056	79.34	MC03056T	129.42	MC03056C	144.45
15/16	1"	1-5/8	3-7/8	6	MC03060	82.90	MC03060T	132.96	MC03060C	148.01
1"	1"	1-11/16	4"	6	MC03100	93.32	MC03100T	143.41	MC03100C	158.45
1-1/8	1"	1-13/16	4-1/8	6	MC03108	97.81	MC03108T	147.90	MC03108C	162.93
1-1/4	1"	1-15/16	4-1/4	6	MC03116	130.31	MC03116T	180.39	MC03116C	195.42
1-1/4	1-1/4	2"	4-7/16	6	MC03416	130.31	MC03416T	218.59	MC03416C	245.09
1-3/8	1"	2-1/16	4-3/8	6	MC03124	141.71	MC03124T	229.99	MC03124C	256.48
1-1/2	1"	2-3/16	4-1/2	6	MC03132	175.65	MC03132T	263.94	MC03132C	290.42
1-1/2	1-1/4	2-1/8	4-9/16	6	MC03432	175.65	MC03432T	263.94	MC03432C	290.42
1-5/8	1"	2-3/8	4-5/8	8	MC03140	211.71	MC03140T	300.02	MC03140C	326.50
1-3/4	1"	2-1/2	4-3/4	8	MC03148	249.19	MC03148T	337.49	MC03148C	363.97
1-3/4	1-1/4	2-1/4	4-11/16	8	MC03448	250.45	MC03448T	338.73	MC03448C	365.21
1-7/8	1"	2-5/8	4-7/8	8	MC03156	267.92	MC03156T	356.22	MC03156C	382.70
2"	1"	2-3/4	5"	8	MC03200	307.84	MC03200T	396.13	MC03200C	422.61
2"	1-1/4	2-9/16	5"	8	MC03500	307.84	MC03500T	396.13	MC03500C	422.61

**THREADED SHANK END MILL - STANDARD LENGTH - HSS**  
**FRAISES A MULTIPLE CANNELURES - LONGEUR REG. - ACIER RAPIDE**

**MC03**



**HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
2.5	6.0	6.5	51.0	4	MC03525	24.94	MC03525T	29.18	MC03525C	30.46
3.0	6.0	9.5	54.0	4	MC03530	21.17	MC03530T	25.42	MC03530C	26.69
3.5	6.0	12.5	57.0	4	MC03535	24.94	MC03535T	31.30	MC03535C	33.21
4.0	6.0	12.5	57.0	4	MC03540	21.17	MC03540T	27.54	MC03540C	29.45
4.5	6.0	12.5	57.0	4	MC03545	24.94	MC03545T	31.30	MC03545C	33.21
5.0	6.0	16.0	60.5	4	MC03550	21.17	MC03550T	30.08	MC03550C	32.77
5.5	6.0	16.0	60.5	4	MC03555	24.94	MC03555T	33.84	MC03555C	36.53
6.0	6.0	16.0	60.5	4	MC03560	21.17	MC03560T	30.08	MC03560C	32.77
6.5	10.0	16.0	60.5	4	MC03565	21.17	MC03565T	32.63	MC03565C	36.08
7.0	10.0	15.0	60.5	4	MC03570	21.17	MC03570T	32.63	MC03570C	36.08
7.5	10.0	18.0	63.5	4	MC03575	23.65	MC03575T	35.11	MC03575C	38.56
8.0	10.0	18.0	63.5	4	MC03580	23.65	MC03580T	35.11	MC03580C	38.56
8.5	10.0	21.0	66.5	4	MC03585	23.65	MC03585T	35.11	MC03585C	38.56
9.0	10.0	21.0	66.5	4	MC03590	23.65	MC03590T	35.11	MC03590C	38.56
9.5	10.0	21.0	66.5	4	MC03595	24.43	MC03595T	35.89	MC03595C	39.32
10.0	10.0	21.0	66.5	4	MC03600	24.43	MC03600T	40.13	MC03600C	44.85
10.5	12.0	19.0	66.5	4	MC03605	27.68	MC03605T	43.38	MC03605C	48.09





**THREADED SHANK END MILL - STANDARD LENGTH - COBALT**  
**FRAISES A MULTIPLE CANNELURES - LONGEUR REG. - COBALT**

**MC33**



**COBALT**

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
<i>Fractional - Fractionnel</i>										
3/32	1/4	1/4	2"	4	MC33006	33.39	MC33006T	37.65	MC33006C	38.91
1/8	1/4	3/8	2-1/8	4	MC33008	33.39	MC33008T	37.65	MC33008C	38.91
5/32	1/4	1/2	2-1/4	4	MC33010	33.39	MC33010T	39.76	MC33010C	41.67
3/16	1/4	1/2	2-1/4	4	MC33012	33.39	MC33012T	39.76	MC33012C	41.67
7/32	1/4	5/8	2-3/8	4	MC33014	33.39	MC33014T	42.32	MC33014C	44.98
1/4	1/4	5/8	2-3/8	4	MC33016	33.39	MC33016T	42.32	MC33016C	44.98
5/16	3/8	23/32	2-1/2	4	MC33020	34.21	MC33020T	45.66	MC33020C	49.11
3/8	3/8	27/32	2-5/8	4	MC33024	36.50	MC33024T	47.94	MC33024C	51.39
7/16	1/2	3/4	2-5/8	4	MC33028	42.33	MC33028T	58.03	MC33028C	62.75
1/2	1/2	15/16	2-3/4	4	MC33032	44.78	MC33032T	60.49	MC33032C	65.22
9/16	1/2	1-1/8	2-7/8	4	MC33036	52.94	MC33036T	77.13	MC33036C	84.40
5/8	5/8	1-1/16	3-1/32	4	MC33040	57.81	MC33040T	82.01	MC33040C	89.27
11/16	5/8	1-3/8	3-5/32	4	MC33044	63.54	MC33044T	87.74	MC33044C	94.99
3/4	5/8	1-1/2	3-9/32	4	MC33048	76.56	MC33048T	100.75	MC33048C	108.01
13/16	1"	1-1/2	3-3/4	6	MC33052	113.99	MC33052T	164.08	MC33052C	179.11
7/8	1"	1-5/8	3-7/8	6	MC33056	113.99	MC33056T	164.08	MC33056C	179.11
15/16	1"	1-5/8	3-7/8	6	MC33060	118.39	MC33060T	168.48	MC33060C	183.51
1"	1"	1-11/16	4"	6	MC33100	144.14	MC33100T	194.23	MC33100C	209.25
1-1/8	1"	1-13/16	4-1/8	6	MC33108	189.77	MC33108T	239.85	MC33108C	254.88
1-1/4	1"	1-15/16	4-1/4	6	MC33116	218.26	MC33116T	306.55	MC33116C	333.03
1-1/4	1-1/4	2"	4-7/16	6	MC33416	218.26	MC33416T	306.55	MC33416C	333.03
1-3/8	1"	2-1/16	4-3/8	6	MC33124	296.42	MC33124T	384.72	MC33124C	411.20
1-1/2	1"	2-3/16	4-1/2	6	MC33132	296.42	MC33132T	384.72	MC33132C	411.20
1-1/2	1-1/4	2-1/8	4-9/16	6	MC33432	296.42	MC33432T	384.72	MC33432C	411.20
1-3/4	1-1/4	2-1/4	4-11/16	8	MC33448	384.39	MC33448T	472.70	MC33448C	499.18
2"	1"	2-3/4	5"	8	MC33200	483.72	MC33200T	572.02	MC33200C	598.50
2"	1-1/4"	2-9/16	5"	8	MC33500	483.72	MC33500T	572.02	MC33500C	598.50
<i>Metric - Metrique</i>										
2.5	6.0	6.5	51.0	4	MC33525	43.52	MC33525T	47.78	MC33525C	49.05
3.0	6.0	9.5	54.0	4	MC33530	31.04	MC33530T	35.28	MC33530C	36.56
3.5	6.0	12.5	57.0	4	MC33535	42.21	MC33535T	48.58	MC33535C	50.49
4.0	6.0	12.5	57.0	4	MC33540	32.58	MC33540T	38.94	MC33540C	40.85
4.5	6.0	12.5	57.0	4	MC33545	42.20	MC33545T	48.57	MC33545C	50.48
5.0	8.0	16.0	60.5	4	MC33550	32.58	MC33550T	41.49	MC33550C	44.16
5.5	6.0	16.0	60.5	4	MC33555	42.20	MC33555T	51.12	MC33555C	53.79
6.0	6.0	16.0	60.5	4	MC33560	35.83	MC33560T	44.74	MC33560C	47.42
6.5	10.0	16.0	60.5	4	MC33565	47.23	MC33565T	58.70	MC33565C	62.13
7.0	10.0	15.0	60.5	4	MC33570	50.48	MC33570T	61.95	MC33570C	65.38
8.0	10.0	18.0	63.5	4	MC33580	48.88	MC33580T	60.34	MC33580C	63.77
9.0	10.0	21.0	66.5	4	MC33590	48.88	MC33590T	60.34	MC33590C	63.77
10.0	10.0	21.0	66.5	4	MC33600	47.23	MC33600T	62.94	MC33600C	67.65
11.0	12.0	19.0	66.5	4	MC33610	60.27	MC33610T	75.99	MC33610C	80.70
12.0	12.0	24.0	70.0	4	MC33620	61.90	MC33620T	77.61	MC33620C	82.32
13.0	12.0	24.5	70.0	4	MC33630	70.07	MC33630T	94.25	MC33630C	101.50
14.0	12.0	28.5	73.0	4	MC33640	74.94	MC33640T	99.13	MC33640C	106.40
15.0	16.0	26.5	77.0	4	MC33650	84.70	MC33650T	108.90	MC33650C	116.16
16.0	16.0	26.5	77.0	4	MC33660	84.70	MC33660T	119.06	MC33660C	129.40



**THREADED SHANK END MILL - STANDARD LENGTH - COBALT**  
**FRAISES A MULTIPLE CANNELURES - LONGEUR REG. - COBALT**

**MC33**



**COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
17.0	16.0	32.0	80.0	4	MC33670	114.19	MC33670T	148.58	MC33670C	158.89
18.0	16.0	35.0	80.0	4	MC33680	104.22	MC33680T	138.61	MC33680C	148.91
19.0	16.0	38.0	83.5	4	MC33690	117.31	MC33690T	151.68	MC33690C	162.00
20.0	16.0	38.0	83.5	4	MC33700	118.89	MC33700T	153.27	MC33700C	163.59
22.0	25.0	41.5	98.5	6	MC33720	146.61	MC33720T	196.71	MC33720C	211.73
24.0	25.0	41.5	98.5	6	MC33740	172.66	MC33740T	222.75	MC33740C	237.77
25.0	25.0	44.5	101.5	6	MC33750	177.54	MC33750T	227.63	MC33750C	242.66
26.0	25.0	43.0	101.5	6	MC33760	201.98	MC33760T	252.07	MC33760C	267.10
28.0	25.0	46.0	104.5	6	MC33780	216.65	MC33780T	266.73	MC33780C	281.76
30.0	25.0	46.0	104.5	6	MC33830	241.08	MC33830T	291.19	MC33830C	306.21
32.0	25.0	49.0	108.0	6	MC33832	291.55	MC33832T	414.24	MC33832C	451.04
32.0	32.0	51.0	112.5	6	MC33932	291.55	MC33932T	414.24	MC33932C	451.04
35.0	25.0	52.5	111.0	6	MC33835	358.34	MC33835T	481.03	MC33835C	517.82
35.0	32.0	54.0	116.0	6	MC33935	358.34	MC33935T	481.03	MC33935C	517.82
38.0	32.0	54.0	116.0	6	MC33938	423.49	MC33938T	546.16	MC33938C	582.96
40.0	25.0	58.5	117.5	8	MC33840	416.97	MC33840T	539.64	MC33840C	576.44
40.0	32.0	55.5	117.5	8	MC33940	416.97	MC33940T	539.64	MC33940C	576.44
45.0	32.0	57.0	119.0	8	MC33945	514.69	MC33945T	637.37	MC33945C	674.16
50.0	32.0	65.0	127.0	8	MC33950	570.06	MC33950T	692.74	MC33950C	729.54

**THREADED SHANK END MILL - LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES - SERIE LONGUE - ACIER RAPIDE**

**MC04**



**LS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
3/32	1/4	25/64	2-1/4	4	MC04006	24.43	MC04006T	28.68	MC04006C	29.95
1/8	1/4	3/4	2-1/2	4	MC04008	24.43	MC04008T	28.68	MC04008C	29.95
5/32	1/4	1"	2-3/4	4	MC04010	24.43	MC04010T	30.80	MC04010C	32.70
3/16	1/4	1"	2-3/4	4	MC04012	24.43	MC04012T	30.80	MC04012C	32.70
7/32	1/4	1-1/4	3"	4	MC04014	24.43	MC04014T	33.34	MC04014C	36.02
1/4	1/4	1-1/4	3"	4	MC04016	24.43	MC04016T	33.34	MC04016C	36.02
9/32	3/8	1-11/32	3-1/8	4	MC04018	27.68	MC04018T	39.12	MC04018C	42.57
5/16	3/8	1-11/32	3-1/8	4	MC04020	29.31	MC04020T	40.76	MC04020C	44.19
11/32	3/8	1-15/32	3-1/4	4	MC04022	30.78	MC04022T	42.22	MC04022C	45.66
3/8	3/8	1-15/32	3-1/4	4	MC04024	31.75	MC04024T	43.22	MC04024C	46.66
13/32	3/8	1-1/2	3-1/4	4	MC04026	32.58	MC04026T	48.29	MC04026C	52.99
7/16	1/2	1-5/8	3-1/2	4	MC04028	34.21	MC04028T	49.92	MC04028C	54.63
1/2	1/2	1-15/16	3-3/4	4	MC04032	35.83	MC04032T	51.54	MC04032C	56.25
9/16	1/2	2-1/4	4"	4	MC04036	39.09	MC04036T	63.28	MC04036C	70.55
5/8	5/8	2-5/16	4-9/32	4	MC04040	44.78	MC04040T	68.99	MC04040C	76.24
11/16	5/8	2-3/4	4-17/32	4	MC04044	56.98	MC04044T	81.19	MC04044C	88.44
3/4	5/8	3"	4-25/32	4	MC04048	62.72	MC04048T	86.91	MC04048C	94.17
13/16	1"	3-1/16	5-3/8	6	MC04052	88.80	MC04052T	138.88	MC04052C	153.91
7/8	1"	3-3/8	5-5/8	6	MC04056	100.98	MC04056T	151.07	MC04056C	166.09

**THREADED SHANK END MILL - LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES - SERIE LONGUE - ACIER RAPIDE**

**MC04**



**LS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
15/64	1"	3-5/8	5-7/8	6	MC04060	118.89	MC04060T	168.98	MC04060C	184.01
1"	1"	3-7/8	6-3/16	6	MC04100	131.92	MC04100T	182.01	MC04100C	197.04
1-1/8	1"	3-7/8	6-3/16	6	MC04108	153.10	MC04108T	203.21	MC04108C	218.23
1-1/4	1"	3-7/8	6-3/16	6	MC04116	172.64	MC04116T	260.93	MC04116C	287.41
1-1/4	1-3/4	4"	6-7/16	6	MC04416	172.64	MC04416T	260.93	MC04416C	287.41
1-3/8	1"	3-15/16	6-1/4	6	MC04124	200.32	MC04124T	288.62	MC04124C	315.11
1-1/2	1"	3-15/16	6-1/4	6	MC04132	239.42	MC04132T	327.71	MC04132C	354.20
1-1/2	1-1/4	4"	6-7/16	6	MC04432	239.42	MC04432T	327.71	MC04432C	354.20
1-3/4	1"	4"	6-1/4	8	MC04148	301.29	MC04148T	389.59	MC04148C	416.07
2"	1"	4"	6-1/4	8	MC04200	372.99	MC04200T	481.28	MC04200C	487.77
2"	1-3/4	4"	6-7/16	8	MC04500	372.99	MC04500T	481.28	MC04500C	487.77

**THREADED SHANK END MILL - LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES - SERIE LONGUE - ACIER RAPIDE**

**MC04**



**LS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
4.0	6.0	25.5	70.0	4	MC04540	24.43	MC04540T	30.80	MC04540C	32.70
5.0	6.0	31.5	76.0	4	MC04550	24.43	MC04550T	30.80	MC04550C	32.70
6.0	6.0	31.5	76.0	4	MC04560	24.43	MC04560T	30.80	MC04560C	32.70
6.5	10.0	35.0	79.5	4	MC04565	27.69	MC04565T	39.13	MC04565C	42.58
7.0	10.0	34.0	79.5	4	MC04570	27.69	MC04570T	39.13	MC04570C	42.58
7.5	10.0	34.0	79.5	4	MC04575	27.69	MC04575T	39.13	MC04575C	42.58
8.0	10.0	34.0	79.5	4	MC04580	27.69	MC04580T	39.13	MC04580C	42.58
8.5	10.0	37.0	82.5	4	MC04585	29.47	MC04585T	40.94	MC04585C	44.37
9.0	10.0	37.0	82.5	4	MC04590	29.47	MC04590T	40.94	MC04590C	44.37
10.0	10.0	37.0	82.5	4	MC04600	29.47	MC04600T	45.18	MC04600C	49.90
11.0	12.0	41.5	89.0	4	MC04610	37.46	MC04610T	53.17	MC04610C	57.88
12.0	12.0	49.0	95.0	4	MC04620	37.64	MC04620T	53.34	MC04620C	58.05
13.0	12.0	50.0	95.0	4	MC04630	43.96	MC04630T	68.16	MC04630C	75.42
14.0	12.0	57.0	101.5	4	MC04640	49.04	MC04640T	73.23	MC04640C	80.49
15.0	16.0	58.5	108.5	4	MC04650	53.75	MC04650T	77.94	MC04650C	85.20
16.0	16.0	58.5	108.5	4	MC04660	57.03	MC04660T	91.41	MC04660C	101.71
17.0	16.0	66.5	115.0	4	MC04670	60.27	MC04670T	94.66	MC04670C	104.97
18.0	16.0	70.0	115.0	4	MC04680	65.32	MC04680T	99.71	MC04680C	110.02
19.0	16.0	76.0	121.5	4	MC04690	68.44	MC04690T	102.82	MC04690C	113.14
20.0	16.0	76.0	121.5	4	MC04700	74.93	MC04700T	109.31	MC04700C	119.63
22.0	25.0	85.5	143.0	6	MC04720	119.72	MC04720T	169.81	MC04720C	184.83
24.0	25.0	92.0	149.0	6	MC04740	119.72	MC04740T	169.81	MC04740C	184.83
25.0	25.0	98.5	157.0	6	MC04750	134.38	MC04750T	184.49	MC04750C	199.51
26.0	25.0	98.5	157.0	6	MC04760	149.87	MC04760T	199.96	MC04760C	214.99
28.0	25.0	98.5	157.0	6	MC04780	167.77	MC04780T	217.85	MC04780C	232.88
30.0	25.0	98.5	157.0	6	MC04830	188.95	MC04830T	239.03	MC04830C	254.06
32.0	25.0	100.0	159.0	6	MC04832	198.72	MC04832T	321.41	MC04832C	358.20



**THREADED SHANK END MILL - LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES - SERIE LONGUE - ACIER RAPIDE**

**MC04**



**LS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
32.0	32.0	101.5	163.5	6	MC04932	198.72	MC04932T	321.41	MC04932C	358.20
34.0	25.0	100.0	159.0	6	MC04834	211.75	MC04834T	334.43	MC04834C	371.23
35.0	25.0	100.0	159.0	6	MC04835	234.54	MC04835T	357.21	MC04835C	394.01
35.0	32.0	101.5	163.5	6	MC04935	234.54	MC04935T	357.21	MC04935C	394.01
36.0	25.0	100.0	159.0	6	MC04836	258.98	MC04836T	381.64	MC04836C	418.45
38.0	25.0	100.0	159.0	6	MC04838	291.55	MC04838T	414.24	MC04838C	451.04
38.0	32.0	101.5	163.5	6	MC04938	291.55	MC04938T	414.24	MC04938C	451.04
40.0	25.0	100.0	159.0	8	MC04840	317.64	MC04840T	440.31	MC04840C	477.11
40.0	32.0	101.5	163.5	8	MC04940	317.64	MC04940T	440.31	MC04940C	477.11
42.0	25.0	101.5	159.0	8	MC04842	353.44	MC04842T	476.10	MC04842C	512.90
45.0	25.0	101.5	159.0	8	MC04845	392.51	MC04845T	515.18	MC04845C	551.99
45.0	32.0	101.5	163.5	8	MC04945	392.51	MC04945T	515.18	MC04945C	551.99
50.0	25.0	101.5	159.0	8	MC04850	462.25	MC04850T	584.92	MC04850C	621.73
50.0	32.0	101.5	163.5	8	MC04950	462.25	MC04950T	584.92	MC04950C	621.73

**AUTOLOCK END MILL - EXTRA LONG SERIES - HSS**  
**FRAISES A MULTIPLE CANNELURES AUTOLOCK - SERIE EXTRA LONGUE - ACIER RAPIDE**

**CM04**



**XLS HSS**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
8.0	10.0	70.0	115.0	4	CM04968	76.38	CM04968T	87.81	CM04968C	91.26
10.0	10.0	75.0	120.0	4	CM04970	72.93	CM04970T	88.64	CM04970C	93.35
12.0	12.0	85.0	130.0	4	CM04972	88.88	CM04972T	104.59	CM04972C	109.31
14.0	12.0	85.0	130.0	4	CM04974	117.35	CM04974T	141.54	CM04974C	148.81
16.0	16.0	90.0	136.0	4	CM04976	120.75	CM04976T	155.12	CM04976C	165.44
18.0	16.0	100.0	145.0	4	CM04978	154.29	CM04978T	188.67	CM04978C	198.98
20.0	18.0	110.0	155.0	4	CM04980	178.63	CM04980T	213.00	CM04980C	223.32
22.0	25.0	120.0	178.0	6	CM04982	294.39	CM04982T	344.47	CM04982C	359.50
25.0	25.0	125.0	183.0	6	CM04985	327.98	CM04985T	378.06	CM04985C	393.11
28.0	25.0	140.0	198.0	6	CM04988	414.29	CM04988T	464.38	CM04988C	479.41
30.0	25.0	140.0	198.0	6	CM04990	461.19	CM04990T	511.28	CM04990C	526.30
32.0	32.0	160.0	222.0	6	CM04993	561.83	CM04993T	684.51	CM04993C	721.30
35.0	32.0	180.0	242.0	6	CM04995	763.16	CM04995T	885.83	CM04995C	922.64
40.0	32.0	200.0	260.0	6	CM04999	997.82	CM04999T	1120.50	CM04999C	1157.30

**THREADED SHANK END MILL - LONG SERIES - COBALT**  
**FRAISES A MULTIPLE CANNELURES - SERIE LONGUE - COBALT**

**MC34**



**LS COBALT**

END MILLS - THREADED SHANK

FRAISES EN BOUT - QUEUE FILETÉES

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
<i>Fractional - Fractionnel</i>										
3/32	1/4	25/64	2-1/4	4	MC34006	39.09	MC34006T	43.34	MC34006C	44.61
1/8	1/4	3/4	2-1/2	4	MC34008	39.09	MC34008T	43.34	MC34008C	44.61
5/32	1/4	1"	2-3/4	4	MC34010	39.09	MC34010T	45.45	MC34010C	47.38
3/16	1/4	1"	2-3/4	4	MC34012	39.09	MC34012T	45.45	MC34012C	47.38
7/32	1/4	1-1/4	3"	4	MC34014	39.09	MC34014T	48.01	MC34014C	50.68
1/4	1/4	1-1/4	3"	4	MC34016	39.09	MC34016T	48.01	MC34016C	50.68
5/16	3/8	1-11/32	3-1/8	4	MC34020	42.33	MC34020T	53.78	MC34020C	57.21
3/8	3/8	1-15/32	3-1/4	4	MC34024	43.95	MC34024T	55.41	MC34024C	58.85
7/16	1/2	1-5/8	3-1/2	4	MC34028	50.48	MC34028T	66.19	MC34028C	70.91
1/2	1/2	1-15/16	3-3/4	4	MC34032	55.37	MC34032T	71.07	MC34032C	75.79
9/16	1/2	2-1/4	4"	4	MC34036	61.91	MC34036T	77.62	MC34036C	82.33
5/8	5/8	2-5/16	4-9/32	4	MC34040	68.38	MC34040T	92.58	MC34040C	99.83
11/16	5/8	2-3/4	4-17/32	4	MC34044	84.71	MC34044T	108.91	MC34044C	116.17
3/4	5/8	3"	4-25/32	4	MC34048	94.46	MC34048T	118.66	MC34048C	125.92
7/8	1"	3-3/8	5-5/8	6	MC34056	159.59	MC34056T	209.69	MC34056C	224.71
1"	1"	3-7/8	6-3/16	6	MC34100	172.64	MC34100T	222.73	MC34100C	237.75
1-1/8	1"	3-7/8	6-3/16	6	MC34108	213.40	MC34108T	263.49	MC34108C	278.51
1-1/4	1"	3-7/8	6-3/16	6	MC34116	263.87	MC34116T	352.15	MC34116C	378.63
1-1/4	1-1/4	4"	6-7/16	6	MC34416	358.33	MC34416T	446.63	MC34416C	473.11
1-1/2	1-1/4	4"	6-7/16	6	MC34432	358.33	MC34432T	446.63	MC34432C	473.11
2"	1-1/4	4"	6-7/16	8	MC34500	504.91	MC34500T	593.20	MC34500C	619.69
<i>Metric - Metrique</i>										
3.0	6.0	19.0	63.5	4	MC34530	36.17	MC34530T	40.43	MC34530C	41.70
3.5	6.0	25.5	70.0	4	MC34535	43.27	MC34535T	49.63	MC34535C	51.56
4.0	6.0	25.5	70.0	4	MC34540	36.17	MC34540T	42.55	MC34540C	44.46
4.5	6.0	25.5	70.0	4	MC34545	43.27	MC34545T	49.63	MC34545C	51.56
5.0	6.0	31.5	76.0	4	MC34550	36.17	MC34550T	45.10	MC34550C	47.76
5.5	6.0	31.5	76.0	4	MC34555	43.27	MC34555T	52.19	MC34555C	54.86
6.0	6.0	31.5	76.0	4	MC34560	36.17	MC34560T	45.10	MC34560C	47.76
7.0	10.0	34.0	79.5	4	MC34570	70.77	MC34570T	82.23	MC34570C	85.67
8.0	10.0	34.0	79.5	4	MC34580	53.87	MC34580T	65.32	MC34580C	68.76
9.0	10.0	37.0	82.5	4	MC34590	70.77	MC34590T	82.23	MC34590C	85.67
10.0	10.0	37.0	82.5	4	MC34600	55.48	MC34600T	71.18	MC34600C	75.89
12.0	12.0	49.0	95.0	4	MC34620	63.37	MC34620T	79.09	MC34620C	83.79
14.0	12.0	57.0	101.5	4	MC34640	97.20	MC34640T	121.39	MC34640C	128.65
15.0	16.0	58.5	108.5	4	MC34650	105.11	MC34650T	139.48	MC34650C	149.79
16.0	16.0	58.5	108.5	4	MC34660	95.60	MC34660T	129.97	MC34660C	140.29
18.0	16.0	70.0	115.0	4	MC34680	129.83	MC34680T	164.21	MC34680C	174.53
20.0	16.0	76.0	121.5	4	MC34700	125.88	MC34700T	160.24	MC34700C	170.56
22.0	25.0	85.5	143.0	6	MC34720	245.87	MC34720T	295.95	MC34720C	310.98
24.0	25.0	92.0	149.0	6	MC34740	272.69	MC34740T	322.77	MC34740C	337.80
25.0	25.0	98.5	157.0	6	MC34750	235.64	MC34750T	285.73	MC34750C	300.75
26.0	25.0	98.5	157.0	6	MC34760	320.22	MC34760T	370.30	MC34760C	385.34
28.0	25.0	98.5	157.0	6	MC34780	313.93	MC34780T	364.01	MC34780C	379.04
30.0	25.0	98.5	157.0	6	MC34830	322.27	MC34830T	372.35	MC34830C	387.38



**THREADED SHANK END MILL - LONG SERIES - COBALT**  
**FRAISES A MULTIPLE CANNELURES - SERIE LONGUE - COBALT**

**MC34**



**LS COBALT**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
32.0	25.0	100.0	159.0	6	MC34832	380.08	MC34832T	502.74	MC34832C	539.54
32.0	32.0	101.5	163.5	6	MC34932	380.08	MC34932T	502.74	MC34932C	539.54
35.0	25.0	100.0	159.0	6	MC34835	447.33	MC34835T	570.00	MC34835C	606.81
35.0	32.0	101.5	163.5	6	MC34935	447.33	MC34935T	570.00	MC34935C	606.81
38.0	32.0	101.5	163.5	6	MC34938	534.49	MC34938T	657.15	MC34938C	693.96
40.0	25.0	100.0	159.0	8	MC34840	573.95	MC34840T	696.62	MC34840C	733.43
40.0	32.0	101.5	163.5	8	MC34940	573.95	MC34940T	696.62	MC34940C	733.43
45.0	32.0	101.5	163.5	8	MC34945	737.95	MC34945T	860.62	MC34945C	897.42
50.0	32.0	101.5	163.5	8	MC34950	884.49	MC34950T	1007.17	MC34950C	1043.97

**THREADED SHANK RIPPING CUTTER - COBALT**  
**FRAISES A EBAUCHER MULTIPLE CANNELURES - COBALT**

**MC36**



**RiP-R**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
1/4	1/4	5/8	2-3/8	3	MC36016	64.10	MC36016T	73.01	MC36016C	75.68
5/16	3/8	23/32	2-1/2	3	MC36020	67.99	MC36020T	79.44	MC36020C	82.89
3/8	3/8	27/32	2-5/8	4	MC36024	74.28	MC36024T	85.73	MC36024C	89.17
7/16	1/2	3/4	2-5/8	4	MC36028	79.14	MC36028T	94.85	MC36028C	99.55
1/2	1/2	15/16	2-3/4	4	MC36032	96.92	MC36032T	112.61	MC36032C	117.33
9/16	1/2	1-1/8	2-7/8	4	MC36036	105.86	MC36036T	130.06	MC36036C	137.32
5/8	5/8	1-1/16	3-1/32	4	MC36040	105.86	MC36040T	130.06	MC36040C	137.32
11/16	5/8	1-3/8	3-5/32	4	MC36044	116.16	MC36044T	140.34	MC36044C	147.61
3/4	5/8	1-1/2	3-9/32	4	MC36048	127.54	MC36048T	151.74	MC36048C	159.00
7/8	1"	1-5/8	3-7/8	5	MC36056	164.50	MC36056T	214.59	MC36056C	229.61
1"	1"	1-11/16	4"	5	MC36100	175.08	MC36100T	225.17	MC36100C	240.19
1-1/8	1"	1-13/16	4-1/8	5	MC36108	291.51	MC36108T	341.60	MC36108C	356.62
1-1/4	1"	1-15/16	4-1/4	5	MC36116	298.87	MC36116T	387.17	MC36116C	413.66
1-1/4	1-1/4	2"	4-7/16	5	MC36416	298.87	MC36416T	387.17	MC36416C	413.66
1-3/8	1"	2-1/16	4-3/8	6	MC36124	345.29	MC36124T	433.59	MC36124C	460.08
1-1/2	1"	2-3/16	4-1/2	6	MC36132	394.10	MC36132T	482.40	MC36132C	508.88
1-1/2	1-1/4	2-1/8	4-9/16	6	MC36432	394.10	MC36432T	482.40	MC36432C	508.88
1-3/4	1-1/4	2-1/4	4-11/16	6	MC36448	572.63	MC36448T	660.92	MC36448C	687.41
2"	1-1/4	2-9/16	5"	7	MC36500	715.84	MC36500T	804.13	MC36500C	830.62

**THREADED SHANK RIPPING CUTTER - COBALT**  
**FRAISES A EBAUCHER MULTIPLE CANNELURES - COBALT**

**MC36**



**RiP-R**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
6.0	6.0	13.0	57.0	3	MC36560	65.23	MC36560T	74.13	MC36560C	76.81
7.0	10.0	16.0	66.0	3	MC36570	93.81	MC36570T	105.27	MC36570C	108.72
8.0	10.0	19.0	69.0	3	MC36580	70.02	MC36580T	81.49	MC36580C	84.92
9.0	10.0	19.0	69.0	4	MC36590	103.06	MC36590T	114.52	MC36590C	117.97
10.0	10.0	22.0	72.0	4	MC36600	78.25	MC36600T	91.96	MC36600C	96.67
11.0	12.0	22.0	79.0	4	MC36610	115.20	MC36610T	130.90	MC36610C	135.62
12.0	12.0	26.0	83.0	4	MC36620	79.88	MC36620T	95.60	MC36620C	100.31
13.0	12.0	26.0	83.0	4	MC36630	127.53	MC36630T	151.73	MC36630C	158.99
14.0	12.0	26.0	83.0	4	MC36640	98.70	MC36640T	122.89	MC36640C	130.15
15.0	12.0	26.0	83.0	4	MC36650	103.74	MC36650T	127.94	MC36650C	135.20
16.0	16.0	32.0	92.0	4	MC36660	110.51	MC36660T	144.90	MC36660C	155.21
18.0	16.0	32.0	92.0	4	MC36680	120.26	MC36680T	154.64	MC36680C	164.97
20.0	16.0	38.0	98.0	4	MC36700	126.92	MC36700T	161.31	MC36700C	171.61
22.0	25.0	38.0	110.0	4	MC36720	148.92	MC36720T	199.03	MC36720C	214.05
25.0	25.0	45.0	121.0	5	MC36750	172.11	MC36750T	222.20	MC36750C	237.23
28.0	25.0	45.0	121.0	5	MC36780	230.04	MC36780T	280.13	MC36780C	295.17
30.0	25.0	45.0	121.0	5	MC36830	239.85	MC36830T	289.94	MC36830C	304.96
32.0	25.0	53.0	129.0	5	MC36832	253.58	MC36832T	376.25	MC36832C	413.05
32.0	32.0	53.0	133.0	5	MC36932	253.58	MC36932T	376.25	MC36932C	413.05
35.0	25.0	53.0	129.0	6	MC36835	314.56	MC36835T	437.22	MC36835C	474.02
35.0	32.0	53.0	133.0	6	MC36935	314.56	MC36935T	437.22	MC36935C	474.02
36.0	32.0	53.0	133.0	6	MC36936	330.28	MC36936T	452.94	MC36936C	489.74
38.0	32.0	63.0	143.0	6	MC36938	344.01	MC36938T	466.69	MC36938C	503.49
40.0	25.0	63.0	139.0	6	MC36840	420.69	MC36840T	543.36	MC36840C	580.17
40.0	32.0	63.0	143.0	6	MC36940	420.69	MC36940T	543.36	MC36940C	580.17
45.0	32.0	63.0	143.0	7	MC36945	471.73	MC36945T	594.41	MC36945C	631.21
50.0	32.0	75.0	155.0	7	MC36950	585.69	MC36950T	708.37	MC36950C	745.16

**THREADED SHANK RIPPING CUTTER - LONG SERIES - COBALT**  
**FRAISES A EBAUCHER MULTIPLE CANNELURES - LONG SERIES - COBALT**

**MC37**



**RiP-R**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TiCN CODE	TiCN \$ EA
3/8	3/8	1-15/32	3-1/4	4	MC37024	132.70	MC37024T	144.17	MC37024C	147.60
1/2	1/2	1-15/16	3-3/4	4	MC37032	111.55	MC37032T	127.26	MC37032C	131.97
5/8	5/8	2-5/16	4-9/32	4	MC37040	153.10	MC37040T	177.30	MC37040C	184.56
3/4	5/8	3"	4-25/32	4	MC37048	164.50	MC37048T	188.70	MC37048C	195.95
7/8	1"	3-3/8	5-5/8	5	MC37056	180.79	MC37056T	230.87	MC37056C	245.90
1"	1"	3-15/16	6-3/16	5	MC37100	256.53	MC37100T	306.62	MC37100C	321.65
1-1/8	1"	3-7/8	6-3/16	5	MC37108	307.84	MC37108T	357.92	MC37108C	372.95
1-1/4	1"	3-15/16	6-1/4	5	MC37116	459.29	MC37116T	547.58	MC37116C	574.08
1-1/4	1-1/4	4"	6-7/16	5	MC37416	459.29	MC37416T	547.58	MC37416C	574.08
1-1/2	1-1/4	4"	6-7/16	6	MC37432	535.84	MC37432T	624.14	MC37432C	650.62
1-3/4	1-1/4	4"	6-7/16	6	MC37448	639.28	MC37448T	727.59	MC37448C	754.07
2"	1-1/4	4"	6-7/16	7	MC37500	785.05	MC37500T	873.35	MC37500C	899.84



**THREADED SHANK RIPPING CUTTER - LONG SERIES - COBALT**  
**FRAISES A EBAUCHER MULTIPLE CANNELURES - LONG SERIES - COBALT**

**MC37**



**Rip-R**

DIA DIM	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
10.0	10.0	45.0	95.0	4	MC37600	94.82	MC37600T	110.51	MC37600C	115.24
12.0	12.0	53.0	110.0	4	MC37620	104.11	MC37620T	119.82	MC37620C	124.53
14.0	12.0	53.0	110.0	4	MC37640	128.52	MC37640T	152.72	MC37640C	159.97
16.0	16.0	63.0	123.0	4	MC37660	143.07	MC37660T	177.45	MC37660C	187.77
18.0	16.0	63.0	123.0	4	MC37680	162.79	MC37680T	197.18	MC37680C	207.49
20.0	16.0	75.0	135.0	4	MC37700	175.74	MC37700T	210.13	MC37700C	220.44
22.0	25.0	75.0	147.0	5	MC37720	196.12	MC37720T	246.21	MC37720C	261.24
25.0	25.0	90.0	166.0	5	MC37750	241.69	MC37750T	291.77	MC37750C	306.80
28.0	25.0	90.0	166.0	5	MC37780	312.51	MC37780T	362.60	MC37780C	377.63
30.0	25.0	90.0	166.0	5	MC37830	332.10	MC37830T	382.20	MC37830C	397.24
32.0	25.0	106.0	182.0	5	MC37832	357.69	MC37832T	480.38	MC37832C	517.17
32.0	32.0	106.0	186.0	5	MC37932	357.69	MC37932T	480.38	MC37932C	517.17
35.0	32.0	106.0	186.0	6	MC37935	420.69	MC37935T	543.36	MC37935C	580.17
36.0	32.0	106.0	186.0	6	MC37936	798.60	MC37936T	921.27	MC37936C	958.07
38.0	32.0	125.0	205.0	6	MC37938	833.28	MC37938T	955.95	MC37938C	992.75
40.0	32.0	125.0	205.0	6	MC37940	522.77	MC37940T	645.45	MC37940C	682.25
45.0	32.0	125.0	205.0	7	MC37945	554.26	MC37945T	676.94	MC37945C	713.74
50.0	32.0	150.0	230.0	7	MC37950	715.44	MC37950T	838.11	MC37950C	874.91

**THREADED SHANK FINE PITCH RIPPING CUTTERS - COBALT**  
**FRAISES A EBAUCHER FIN - MULTIPLE CANNELURES - COBALT**

**MC39**



**COBALT**

DIA DIM	SHANK QUEUE	LOC LO FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TICN CODE	TICN \$ EA
6.0	6.0	13.0	57.0	3	MC39560	65.23	MC39560T	74.13	MC39560C	76.81
7.0	10.0	16.0	66.0	3	MC39570	104.36	MC39570T	115.82	MC39570C	119.26
8.0	10.0	19.0	69.0	3	MC39580	70.02	MC39580T	81.49	MC39580C	84.92
9.0	10.0	19.0	69.0	4	MC39590	112.11	MC39590T	123.57	MC39590C	127.02
10.0	10.0	22.0	72.0	4	MC39100	142.45	MC39100T	158.16	MC39100C	162.89
12.0	12.0	26.0	83.0	4	MC39120	146.08	MC39120T	161.79	MC39120C	166.50
14.0	12.0	26.0	83.0	4	MC39140	181.28	MC39140T	205.49	MC39140C	212.74
16.0	16.0	32.0	92.0	4	MC39160	202.36	MC39160T	236.74	MC39160C	247.04
18.0	16.0	32.0	92.0	4	MC39180	220.54	MC39180T	254.92	MC39180C	265.24
20.0	16.0	38.0	98.0	4	MC39200	232.69	MC39200T	267.06	MC39200C	277.39
22.0	25.0	38.0	110.0	4	MC39220	275.14	MC39220T	325.24	MC39220C	340.26
25.0	25.0	46.0	121.0	5	MC39250	317.68	MC39250T	367.76	MC39250C	382.79
28.0	25.0	45.0	121.0	5	MC39280	420.87	MC39280T	470.96	MC39280C	485.98
30.0	25.0	45.0	121.0	5	MC39300	449.16	MC39300T	499.24	MC39300C	514.27
32.0	32.0	53.0	133.0	5	MC39320	469.44	MC39320T	592.11	MC39320C	628.91
35.0	32.0	53.0	133.0	6	MC39350	623.16	MC39350T	745.83	MC39350C	782.63
40.0	32.0	63.0	143.0	6	MC39400	772.95	MC39400T	895.62	MC39400C	932.42
45.0	32.0	63.0	143.0	7	MC39450	930.80	MC39450T	1053.49	MC39450C	1090.29
50.0	32.0	75.0	155.0	7	MC39500	1161.46	MC39500T	1284.13	MC39500C	1320.93





# MILLING CUTTERS

# FRAISES





**THREADED SHANK WOODRUFF CUTTER - METRIC**  
**FRAISES TYPE WOODRUFF OSBORN - METRIQUE**

**MC13**



NO	DIA	WIDTH LG FR	LENGTH LONGEUR	SHANK QUEUE	KEY CLE	FLUTES CANN	CODE	\$ EA \$ CH
10.5 X 2.0	10.5	2.0	57.0	12.0	2 X 3.7	6	MC13102	67.98
10.5 X 3.0	10.5	3.0	57.0	12.0	3 X 3.7	6	MC13103	65.46
10.5 X 2.5	10.5	2.5	57.0	12.0	2.5 X 3.7	6	MC13104	69.66
13.5 X 2.0	13.5	2.0	57.0	12.0	2 X 5	6	MC13132	67.11
13.5 X 3.0	13.5	3.0	57.0	12.0	3 X 5	6	MC13133	64.61
13.5 X 4.0	13.5	4.0	57.0	12.0	4 X 5	6	MC13134	65.46
13.5 X 2.5	13.5	2.5	57.0	12.0	2.5 X 5	6	MC13135	69.66
16.5 X 2.5	16.5	2.5	57.0	12.0	2.5 X 6.5	6	MC13162	66.27
16.5 X 3.0	16.5	3.0	57.0	12.0	3 X 6.5	6	MC13163	67.11
16.5 X 4.0	16.5	4.0	57.0	12.0	4 X 6.5	6	MC13164	65.46
16.5 X 5.0	16.5	5.0	57.0	12.0	5 X 6.5	6	MC13165	66.27
19.5 X 3.0	19.5	3.0	57.0	12.0	3 X 7.5	6	MC13193	73.78
19.5 X 4.0	19.5	4.0	57.0	12.0	4 X 7.5	6	MC13194	72.93
19.5 X 5.0	19.5	5.0	57.0	12.0	5 X 7.5	6	MC13195	67.99
19.5 X 6.0	19.5	6.0	57.0	12.0	6 X 7.5	6	MC13196	173.15
22.5 X 4.0	22.5	4.0	63.5	12.0	4 X 9	8	MC13224	79.70
22.5 X 5.0	22.5	5.0	63.5	12.0	5 X 9	8	MC13225	80.56
22.5 X 6.0	22.5	6.0	63.5	12.0	6 X 9	8	MC13226	79.70
25.5 X 5.0	25.5	5.0	70.0	12.0	5 X 10	8	MC13255	99.74
25.5 X 6.0	25.5	6.0	70.0	12.0	6 X 10	8	MC13256	99.74
25.5 X 7.0	25.5	7.0	70.0	12.0	7 X 10	8	MC13257	100.65
25.5 X 8.0	25.5	8.0	70.0	12.0	8 X 10	8	MC13258	100.65
28.5 X 5.0	28.5	5.0	70.0	12.0	5 X 11	8	MC13285	124.95
28.5 X 6.0	28.5	6.0	70.0	12.0	6 X 11	8	MC13286	124.95
28.5 X 7.0	28.5	7.0	70.0	12.0	7 X 11	8	MC13287	127.48
28.5 X 8.0	28.5	8.0	70.0	12.0	8 X 11	8	MC13288	124.95
28.5 X 10.0	28.5	10.0	70.0	12.0	10 X 11	8	MC13290	460.20
32.5 X 5.0	32.5	5.0	70.0	12.0	5 X 13	10	MC13325	129.06
32.5 X 6.0	32.5	6.0	70.0	12.0	6 X 13	10	MC13326	129.06
32.5 X 7.0	32.5	7.0	70.0	12.0	7 X 13	10	MC13327	132.52
32.5 X 8.0	32.5	8.0	70.0	12.0	8 X 13	10	MC13328	131.61
32.5 X 10.0	32.5	10.0	70.0	12.0	10 X 13	10	MC13330	255.73
35.5 X 6.0	35.5	6.0	76.0	12.0	6 X 14	10	MC13356	152.62
35.5 X 7.0	35.5	7.0	76.0	12.0	7 X 14	10	MC13357	156.81
35.5 X 8.0	35.5	8.0	76.0	12.0	8 X 14	10	MC13358	156.81
35.5 X 9.0	35.5	9.0	76.0	12.0	9 X 14	10	MC13359	156.81
38.5 X 7.0	38.5	7.0	76.0	12.0	7 X 15	10	MC13387	156.81
38.5 X 8.0	38.5	8.0	76.0	12.0	8 X 15	10	MC13388	156.81
38.5 X 9.0	38.5	9.0	76.0	12.0	9 X 15	10	MC13389	162.67
38.5 X 10.0	38.5	10.0	76.0	12.0	10 X 15	10	MC13390	156.81
45.5 X 10.0	45.5	10.0	76.0	12.0	10 X 16	12	MC13450	249.10

MILLING CUTTERS

FRAISES

THREADED SHANK T-SLOT CUTTER  
 FRAISES A RAINURER EN "T" OSBORN

MC09



MILLING CUTTERS

BOLT BOULON	DIA	WIDTH LG FR	LENGTH LONGEUR	NECK DIA DE COU	SHANK QUEUE	FLUTES CANN	CODE	\$ EA \$ CH
<i>Fractional - Fractionnel</i>								
1/4	37/64	1/4	2-13/32	1/4	1/2	6	MC09016	85.55
5/16	45/64	5/16	2-19/32	5/16	1/2	6	MC09020	98.09
3/8	53/64	23/64	2-23/32	3/8	1/2	6	MC09024	121.62
7/16	61/64	27/64	2-59/64	13/32	1/2	6	MC09028	135.85
1/2	1-5/64	15/32	3-1/32	1/2	1/2	6	MC09032	158.49
5/8	1-21/64	37/64	3-15/16	19/32	1"	8	MC09040	218.14
3/4	1-33/64	11/16	4-1/16	23/32	1"	8	MC09048	333.60
7/8	1-45/64	51/64	4-9/16	27/32	1"	8	MC09056	461.19
1"	1-61/64	29/32	4-59/64	31/32	1"	8	MC09100	466.04
<i>Metric - Metrique</i>								
M6	12.5	8.0	55.0	5.0	10.0	6	MC09506	85.55
M8	16.0	8.0	60.0	7.0	10.0	6	MC09508	98.09
M10	19.0	9.0	64.0	8.0	12.0	6	MC09510	115.76
M12	22.0	10.0	68.0	10.0	12.0	6	MC09512	134.20
M14	25.0	11.0	71.0	12.0	16.0	6	MC09514	169.39
M16	28.0	12.0	75.0	13.0	16.0	8	MC09516	256.61
M18	32.0	14.0	95.0	15.0	25.0	8	MC09518	336.24
M20	36.0	16.0	100.0	17.0	25.0	8	MC09520	404.24
M22	40.0	18.0	105.0	19.0	25.0	8	MC09522	469.61
M24	45.0	20.0	122.0	21.0	25.0	8	MC09524	528.31
M28	50.0	22.0	124.0	25.0	32.0	8	MC09528	595.42
M36	60.0	28.0	138.0	30.0	32.0	8	MC09536	922.43

FRAISES



**THREADED SHANK 2 FLUTE COUNTERBORE  
FRAISES A CHAMBRER**

**MC27**



**2 FLT**

**MILLING CUTTERS**

BOLT BOULON	DIA	PILOT DIA	SHANK QUEUE	PILOT LG	CUT LG LG FR	LENGTH LONGEUR	CODE	\$ EA \$ CH
<i>Fractional - Fractionnel</i>								
2BA	0.344	0.200	1/4	7/32	1/2	2-1/2	MC27002	51.23
4BA	0.251	0.156	1/4	7/32	7/16	2-1/2	MC27004	39.88
1/4	13/32	9/32	1/4	5/16	1/2	3"	MC27016	48.46
5/16	15/32	11/32	3/8	3/8	5/8	3-1/4	MC27020	57.82
3/8	19/32	13/32	3/8	7/16	3/4	3-1/2	MC27024	76.36
7/16	21/32	15/32	1/2	17/32	7/8	4"	MC27028	93.93
1/2	25/32	17/32	1/2	17/32	1"	4-1/4	MC27032	110.58
9/16	27/32	19/32	5/8	19/32	1-1/8	4-17/32	MC27036	146.82
5/8	29/32	21/32	5/8	21/32	1-1/4	4-25/32	MC27040	161.08
3/4	1-1/32	25/32	1"	25/32	1-1/2	5-7/16	MC27048	223.50
7/8	1-5/32	29/32	1"	29/32	1-3/4	5-15/16	MC27056	293.15
1"	1-11/32	1-1/32	1"	1-1/32	2"	6-7/16	MC27100	340.37
<i>Metric - Metrique</i>								
M4	8.0	4.3	6.0	5.5	12.5	65.0	MC27504	40.75
M5	10.0	5.3	6.0	6.5	12.5	70.0	MC27505	48.46
M6	11.0	6.4	6.0	8.0	12.5	76.0	MC27506	51.96
M8	15.0	8.4	10.0	9.5	19.0	87.3	MC27508	69.66
M10	18.0	10.5	10.0	11.0	19.0	89.0	MC27510	81.36
M12	20.0	13.0	12.0	13.5	25.5	108.0	MC27512	106.51
M14	24.0	15.0	16.0	16.5	31.5	121.0	MC27514	136.73
M16	26.0	17.0	16.0	19.0	38.0	124.0	MC27516	160.26
M18	30.0	19.0	25.0	19.0	44.5	147.0	MC27518	219.74
M20	33.0	21.0	25.0	21.5	44.5	149.0	MC27520	238.11

**FRAISES**

THREADED SHANK DOVETAIL CUTTER  
FRAISES EN FORME DE QUEUE D'ARONDE

MC10-11-12



FRACTIONAL

MILLING CUTTERS

DIA	ANG	LOC LG FR	LENGTH LONGEUR	SHANK QUEUE	TEETH DENTS	CODE	\$ EA \$ CH
<i>Fractional Standard 60° - Fractionnel Normale 60°</i>							
1/2	60°	5/32	2-1/2	1/2	6	MC10032	53.74
5/8	60°	7/32	2-5/8	1/2	6	MC10040	61.90
3/4	60°	9/32	2-21/32	1/2	6	MC10048	77.36
7/8	60°	3/8	2-21/32	1/2	6	MC10056	98.53
1"	60°	15/32	2-3/4	1/2	6	MC10100	112.37
1-1/8	60°	1/2	2-7/8	5/8	6	MC10108	138.44
1-1/4	60°	17/32	2-15/16	5/8	8	MC10116	166.13
1-1/2	60°	5/8	3-5/16	1"	8	MC10132	258.23
<i>Fractional Standard 55° - Fractionnel Normale 55°</i>							
1"	55°	15/32	2-3/4	1/2	6	MC11100	112.37
1-1/2	55°	19/32	3-5/16	1"	8	MC11132	223.14
<i>Fractional Standard 45° - Fractionnel Normale 45°</i>							
5/8	45°	5/32	2-5/8	1/2	6	MC12040	61.90
3/4	45°	7/32	2-5/8	1/2	6	MC12048	77.36
7/8	45°	1/4	2-11/16	1/2	6	MC12056	98.54
1"	45°	5/16	2-3/4	1/2	6	MC12100	112.37
1-1/4	45°	11/32	2-15/16	5/8	8	MC12116	166.13
1-1/2	45°	13/32	3-3/32	1"	8	MC12132	223.14
<i>Fractional Inverted 60° - Fractionnel Inversée 60°</i>							
1"	60°	15/32	2-3/4	1/2	6	MC10600	128.89
1-1/2	60°	5/8	3-5/16	1"	8	MC10632	275.87
<i>Fractional Inverted 45° - Fractionnel Inversée 45°</i>							
1"	45°	5/16	2-3/4	1/2	6	MC12600	131.04
1-1/2	45°	13/32	3-3/32	1"	8	MC12632	251.39

FRAISES



**THREADED SHANK DOVETAIL CUTTER  
FRAISES EN FORME DE QUEUE D'ARONDE**

**MC10-11-12**



**METRIC**

**MILLING CUTTERS**

DIA	ANG	LOC LG FR	LENGTH LONGEUR	SHANK QUEUE	TEETH DENTS	CODE	\$ EA \$ CH
<i>Metric Standard 60° - Metrique Normale 60°</i>							
13.0	60°	4.0	63.5	12.0	6	MC10713	60.34
16.0	60°	5.5	66.5	12.0	6	MC10716	70.38
19.0	60°	7.0	66.5	12.0	6	MC10719	83.03
22.0	60°	9.5	67.5	12.0	6	MC10722	95.60
25.0	60°	12.0	70.0	12.0	6	MC10725	111.57
28.0	60°	12.5	73.0	16.0	6	MC10728	138.39
32.0	60°	13.5	74.5	16.0	8	MC10732	160.26
35.0	60°	14.5	82.5	25.0	8	MC10735	204.65
38.0	60°	16.0	84.0	25.0	8	MC10738	226.41
50.0	60°	22.0	95.0	25.0	10	MC10750	338.76
<i>Metric Standard 45° - Metrique Normale 45°</i>							
13.0	45°	3.0	63.5	12.0	6	MC12713	63.80
16.0	45°	4.0	66.5	12.0	6	MC12716	73.78
19.0	45°	5.5	66.5	12.0	6	MC12719	85.55
22.0	45°	6.5	68.5	12.0	6	MC12722	95.60
25.0	45°	7.5	70.0	12.0	6	MC12725	109.90
28.0	45°	8.5	71.5	16.0	6	MC12728	138.39
32.0	45°	8.5	74.5	16.0	8	MC12732	160.26
35.0	45°	9.5	79.5	25.0	8	MC12735	208.03
38.0	45°	10.5	80.0	25.0	8	MC12738	220.61
50.0	45°	15.0	89.0	25.0	10	MC12750	338.76
<i>Metric Inverted 60° - Metrique Inversée 60°</i>							
13.0	60°	4.0	63.5	12.0	6	MC10813	75.20
16.0	60°	5.5	66.5	12.0	6	MC10816	88.15
19.0	60°	7.0	66.5	12.0	6	MC10819	92.53
22.0	60°	9.5	68.5	12.0	6	MC10822	98.09
25.0	60°	12.0	70.0	12.0	6	MC10825	109.02
28.0	60°	12.5	71.5	16.0	6	MC10828	135.85
32.0	60°	13.5	74.5	16.0	8	MC10832	158.49
35.0	60°	14.5	84.0	25.0	8	MC10835	224.78
38.0	60°	16.0	85.5	25.0	8	MC10838	224.78
50.0	60°	21.0	92.5	25.0	10	MC10850	456.44
<i>Metric Inverted 45° - Metrique Inversée 45°</i>							
13.0	45°	3.0	63.5	12.0	6	MC12813	61.22
16.0	45°	4.0	66.5	12.0	6	MC12816	69.66
19.0	45°	5.5	66.5	12.0	6	MC12819	84.69
22.0	45°	6.5	68.5	12.0	6	MC12822	98.09
25.0	45°	7.5	70.0	12.0	6	MC12825	106.51
28.0	45°	8.5	71.5	16.0	6	MC12828	135.04
32.0	45°	8.5	74.5	16.0	8	MC12832	158.49
35.0	45°	9.5	79.5	25.0	8	MC12835	202.90
38.0	45°	10.5	80.0	25.0	8	MC12838	212.96
50.0	45°	21.0	90.5	25.0	10	MC12850	354.66

**FRAISES**

**THREADED SHANK CORNER ROUNDING CUTTERS - HSS**  
**FRAISES 1/4 DE CERCLE CONCAVE - ACIER RAPIDE**

**MC15**



**HSS**

**MILLING CUTTERS**

**FRAISES**

RAD	DIA	SHANK QUEUE	POINT DIA DIA MIN	LENGTH LONGEUR	TEETH DENTS	CODE	\$ EA \$ CH
<i>Fractional - Fractionnel</i>							
1/16	3/8	1/4	1/2	2-3/8	4	MC15004	163.16
1/8	1/2	1/4	1/2	2-3/8	4	MC15008	58.67
3/16	5/8	1/4	5/8	2-3/8	4	MC15012	68.79
1/4	7/8	3/8	5/8	2-1/2	4	MC15016	79.70
5/16	1"	3/8	1"	2-7/8	4	MC15020	99.74
3/8	1-1/16	5/16	1"	3"	4	MC15024	114.04
7/16	1-3/16	5/16	1"	3-1/8	4	MC15028	137.53
1/2	1-3/8	3/8	1"	3-1/4	4	MC15032	176.97
<i>Metric - Metrique</i>							
1.0	12.0	10.0	12.0	60.5	4	MC15510	57.82
1.5	12.0	9.0	12.0	60.5	4	MC15515	50.34
2.0	12.0	8.0	12.0	60.5	4	MC15520	55.40
2.5	12.0	7.0	12.0	60.5	4	MC15525	55.40
3.0	12.0	6.0	12.0	60.5	4	MC15530	62.01
3.5	13.0	6.0	12.0	60.5	4	MC15535	69.76
4.0	14.0	6.0	12.0	60.5	4	MC15540	67.11
4.5	16.0	7.0	16.0	60.5	4	MC15545	67.99
5.0	16.0	6.0	16.0	60.5	4	MC15550	72.12
6.0	22.0	10.0	16.0	63.5	4	MC15560	96.47
7.0	22.0	8.0	25.0	73.0	4	MC15570	117.35
8.0	25.0	9.0	25.0	73.0	4	MC15580	124.14
9.0	26.0	8.0	25.0	79.5	4	MC15590	126.66
10.0	28.0	8.0	25.0	79.5	4	MC15600	155.15
12.0	35.0	11.0	25.0	82.5	4	MC15620	223.14
14.0	42.0	14.0	25.0	85.5	4	MC15640	309.24
15.0	45.0	15.0	25.0	85.5	4	MC15650	330.82
16.0	48.0	16.0	25.0	87.5	4	MC15660	345.18
18.0	48.5	12.5	25.0	92.0	4	MC15680	317.01
20.0	52.5	13.0	25.0	92.0	4	MC15700	359.58



# CARBIDE TOOLS

# OUTILS EN CARBURE

**SOLID CARBIDE JOBBER DRILLS - REGULAR SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - HELICE REG.**

**SC01**



**STD**

**CARBIDE TOOLS**

**OUTILS EN CARBURE**

FRAC	NO	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
	80	0.0135	3/16	3/4	SC01780	22.62	SC01780T	27.71	SC01780A	30.25
	79	0.0145	3/16	3/4	SC01779	22.34	SC01779T	27.44	SC01779A	29.99
1/64		0.0156	3/16	3/4	SC01015	22.34	SC01015T	27.44	SC01015A	29.99
	78	0.0160	3/16	3/4	SC01778	22.07	SC01778T	27.16	SC01778A	29.72
	77	0.0180	3/16	3/4	SC01777	21.75	SC01777T	26.84	SC01777A	29.38
	76	0.0200	1/4	7/8	SC01776	21.86	SC01776T	26.75	SC01776A	29.31
	75	0.0210	1/4	7/8	SC01775	21.21	SC01775T	26.30	SC01775A	28.85
	74	0.0225	1/4	7/8	SC01774	20.94	SC01774T	26.03	SC01774A	28.58
	73	0.0240	1/4	7/8	SC01773	20.69	SC01773T	25.78	SC01773A	28.32
	72	0.0250	5/16	1"	SC01772	20.44	SC01772T	25.54	SC01772A	28.08
	71	0.0260	5/16	1"	SC01771	20.20	SC01771T	25.29	SC01771A	27.84
	70	0.0280	1/2	1-1/4	SC01770	19.83	SC01770T	24.93	SC01770A	27.48
	69	0.0292	1/2	1-1/4	SC01769	19.59	SC01769T	24.69	SC01769A	27.23
	68	0.0310	1/2	1-1/4	SC01768	19.34	SC01768T	24.43	SC01768A	26.97
1/32		0.0312	1/2	1-1/4	SC01031	15.18	SC01031T	20.28	SC01031A	22.82
	67	0.0320	1/2	1-1/4	SC01767	19.05	SC01767T	24.15	SC01767A	26.69
	66	0.0330	1/2	1-1/4	SC01766	18.78	SC01766T	23.88	SC01766A	26.43
	65	0.0350	5/8	1-3/8	SC01765	18.52	SC01765T	23.61	SC01765A	26.17
	64	0.0360	5/8	1-3/8	SC01764	18.29	SC01764T	23.38	SC01764A	25.94
	63	0.0370	5/8	1-3/8	SC01763	17.94	SC01763T	23.05	SC01763A	25.59
	62	0.0380	5/8	1-3/8	SC01762	17.67	SC01762T	22.76	SC01762A	25.32
	61	0.0390	5/8	1-3/8	SC01761	17.43	SC01761T	22.52	SC01761A	25.07
	60	0.0400	3/4	1-1/2	SC01760	17.15	SC01760T	22.24	SC01760A	24.78
	59	0.0410	3/4	1-1/2	SC01759	17.15	SC01759T	22.24	SC01759A	24.78
	58	0.0420	3/4	1-1/2	SC01758	17.15	SC01758T	22.24	SC01758A	24.78
	57	0.0430	3/4	1-1/2	SC01757	17.15	SC01757T	22.24	SC01757A	24.78
	56	0.0465	3/4	1-1/2	SC01756	17.15	SC01756T	22.24	SC01756A	24.78
3/64		0.0469	3/4	1-1/2	SC01046	17.15	SC01046T	22.24	SC01046A	24.78
	55	0.0520	3/4	1-1/2	SC01755	17.15	SC01755T	22.24	SC01755A	24.78
	54	0.0550	3/4	1-1/2	SC01754	17.35	SC01754T	22.44	SC01754A	24.98
	53	0.0595	3/4	1-1/2	SC01753	17.35	SC01753T	22.44	SC01753A	24.98
1/16		0.0625	3/4	1-1/2	SC01062	17.35	SC01062T	22.44	SC01062A	24.98
	52	0.0635	3/4	1-1/2	SC01752	17.35	SC01752T	22.44	SC01752A	24.98
	51	0.0670	3/4	1-1/2	SC01751	17.35	SC01751T	22.44	SC01751A	24.98
	50	0.0700	7/8	1-3/4	SC01750	17.51	SC01750T	22.62	SC01750A	25.16
	49	0.0730	7/8	1-3/4	SC01749	17.67	SC01749T	22.76	SC01749A	25.32
	48	0.0760	7/8	1-3/4	SC01748	18.36	SC01748T	23.46	SC01748A	26.01
5/64		0.0781	7/8	1-3/4	SC01078	18.36	SC01078T	23.46	SC01078A	26.01
	47	0.0785	7/8	1-3/4	SC01747	18.36	SC01747T	23.46	SC01747A	26.01
	46	0.0810	7/8	1-3/4	SC01746	18.36	SC01746T	23.46	SC01746A	26.01
	45	0.0820	7/8	1-3/4	SC01745	19.36	SC01745T	24.45	SC01745A	27.00
	44	0.0860	1"	2"	SC01744	19.34	SC01744T	24.43	SC01744A	26.97
	43	0.0890	1"	2"	SC01743	19.34	SC01743T	24.43	SC01743A	26.97
	42	0.0935	1"	2"	SC01742	19.75	SC01742T	24.84	SC01742A	27.38
3/32		0.0938	1"	2"	SC01093	20.58	SC01093T	25.67	SC01093A	28.22
	41	0.0960	1"	2"	SC01741	20.58	SC01741T	25.67	SC01741A	28.22
	40	0.0980	1"	2"	SC01740	20.58	SC01740T	25.67	SC01740A	28.22
	39	0.0995	1-1/4	2-1/4	SC01739	20.85	SC01739T	25.95	SC01739A	28.49
	38	0.1015	1-1/4	2-1/4	SC01738	21.86	SC01738T	26.75	SC01738A	29.31



**SOLID CARBIDE JOBBER DRILLS - REGULAR SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - HELICE REG.**

**SC01**



**STD**

FRAC	NO	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
	37	0.1040	1-1/4	2-1/4	SC01737	21.66	SC01737T	26.75	SC01737A	29.31
	36	0.1065	1-1/4	2-1/4	SC01736	21.66	SC01736T	26.75	SC01736A	29.31
7/64		0.1094	1-1/4	2-1/4	SC01109	22.50	SC01109T	27.59	SC01109A	30.15
	35	0.1100	1-1/4	2-1/4	SC01735	22.50	SC01735T	27.59	SC01735A	30.15
	34	0.1110	1-1/4	2-1/4	SC01734	22.59	SC01734T	27.69	SC01734A	30.23
	33	0.1130	1-1/4	2-1/4	SC01733	22.62	SC01733T	27.71	SC01733A	30.25
	32	0.1160	1-1/4	2-1/4	SC01732	23.01	SC01732T	28.10	SC01732A	30.65
	31	0.1200	1-1/4	2-1/4	SC01731	23.28	SC01731T	28.37	SC01731A	30.91
1/8		0.1250	1-1/4	2-1/4	SC01125	23.72	SC01125T	28.81	SC01125A	31.35
	30	0.1285	1-1/4	2-1/4	SC01730	24.31	SC01730T	31.95	SC01730A	35.77
	29	0.1360	1-3/8	2-1/2	SC01729	26.33	SC01729T	33.98	SC01729A	37.79
	28	0.1405	1-3/8	2-1/2	SC01728	26.33	SC01728T	33.98	SC01728A	37.79
9/64		0.1406	1-3/8	2-1/2	SC01140	27.68	SC01140T	35.31	SC01140A	39.12
	27	0.1440	1-3/8	2-1/2	SC01727	27.68	SC01727T	35.31	SC01727A	39.12
	26	0.1470	1-3/8	2-1/2	SC01726	28.01	SC01726T	35.66	SC01726A	39.48
	25	0.1495	1-3/8	2-1/2	SC01725	28.01	SC01725T	35.66	SC01725A	39.48
	24	0.1520	1-3/8	2-1/2	SC01724	28.01	SC01724T	35.66	SC01724A	39.48
	23	0.1540	1-3/8	2-1/2	SC01723	28.63	SC01723T	36.28	SC01723A	40.09
5/32		0.1562	1-3/8	2-1/2	SC01156	29.20	SC01156T	36.84	SC01156A	40.67
	22	0.1570	1-3/8	2-1/2	SC01722	29.74	SC01722T	37.37	SC01722A	41.20
	21	0.1590	1-3/8	2-1/2	SC01721	30.35	SC01721T	37.98	SC01721A	41.81
	20	0.1610	1-3/8	2-1/2	SC01720	30.50	SC01720T	38.15	SC01720A	41.96
	19	0.1660	1-5/8	2-3/4	SC01719	31.69	SC01719T	39.32	SC01719A	43.14
	18	0.1695	1-5/8	2-3/4	SC01718	31.94	SC01718T	39.59	SC01718A	43.40
11/64		0.1719	1-5/8	2-3/4	SC01171	34.30	SC01171T	41.94	SC01171A	45.77
	17	0.1730	1-5/8	2-3/4	SC01717	32.87	SC01717T	40.51	SC01717A	44.32
	16	0.1770	1-5/8	2-3/4	SC01716	33.48	SC01716T	41.12	SC01716A	44.94
	15	0.1800	1-5/8	2-3/4	SC01715	33.60	SC01715T	41.24	SC01715A	45.07
	14	0.1820	1-5/8	2-3/4	SC01714	33.89	SC01714T	41.53	SC01714A	45.36
	13	0.1850	1-5/8	2-3/4	SC01713	34.07	SC01713T	41.71	SC01713A	45.54
3/16		0.1875	1-5/8	2-3/4	SC01187	34.64	SC01187T	42.28	SC01187A	46.10
	12	0.1890	1-5/8	2-3/4	SC01712	34.86	SC01712T	45.56	SC01712A	50.90
	11	0.1910	1-5/8	2-3/4	SC01711	35.37	SC01711T	46.07	SC01711A	51.42
	10	0.1935	1-5/8	2-3/4	SC01710	35.86	SC01710T	46.55	SC01710A	51.89
	9	0.1960	1-3/4	3"	SC01709	38.20	SC01709T	48.90	SC01709A	54.24
	8	0.1990	1-3/4	3"	SC01708	38.20	SC01708T	48.90	SC01708A	54.24
	7	0.2010	1-3/4	3"	SC01707	49.14	SC01707T	59.83	SC01707A	65.19
13/64		0.2031	1-3/4	3"	SC01203	41.90	SC01203T	52.59	SC01203A	57.94
	6	0.2040	1-3/4	3"	SC01706	40.22	SC01706T	50.91	SC01706A	56.26
	5	0.2055	1-3/4	3"	SC01705	40.22	SC01705T	50.91	SC01705A	56.26
	4	0.2090	1-3/4	3"	SC01704	41.20	SC01704T	51.89	SC01704A	57.25
	3	0.2130	1-3/4	3"	SC01703	42.28	SC01703T	52.97	SC01703A	58.33
7/32		0.2188	1-3/4	3"	SC01218	43.01	SC01218T	53.71	SC01218A	59.05
	2	0.2210	1-3/4	3"	SC01702	43.96	SC01702T	54.66	SC01702A	60.01
	1	0.2280	1-3/4	3"	SC01701	49.14	SC01701T	59.83	SC01701A	65.19
	A	0.2340	2"	3-1/4	SC01601	53.50	SC01601T	64.19	SC01601A	69.53
15/64		0.2344	2"	3-1/4	SC01234	51.03	SC01234T	61.74	SC01234A	67.08
	B	0.2380	2"	3-1/4	SC01602	54.93	SC01602T	65.63	SC01602A	70.98
	C	0.2420	2"	3-1/4	SC01603	55.37	SC01603T	66.07	SC01603A	71.41

CARBIDE TOOLS

OUTILS EN CARBURE





**SOLID CARBIDE JOBBER DRILLS - METRIC**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - METRIQUE**

**SC03**



**METRIC**

MM	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
1.00	0.0394	12.0	34.0	SC03004	21.34	SC03004T	26.43	SC03004A	28.97
1.10	0.0433	14.0	36.0	SC03110	25.41	SC03110T	30.50	SC03110A	33.05
1.20	0.0472	16.0	38.0	SC03120	21.50	SC03120T	26.60	SC03120A	29.14
1.30	0.0512	16.0	38.0	SC03130	21.50	SC03130T	26.60	SC03130A	29.14
1.40	0.0551	18.0	40.0	SC03140	21.50	SC03140T	26.60	SC03140A	29.14
1.50	0.0591	18.0	40.0	SC03005	21.50	SC03005T	26.60	SC03005A	29.14
1.60	0.0630	20.0	43.0	SC03160	21.50	SC03160T	26.60	SC03160A	29.14
1.70	0.0669	20.0	43.0	SC03170	21.50	SC03170T	26.60	SC03170A	29.14
1.80	0.0709	22.0	46.0	SC03180	22.47	SC03180T	27.56	SC03180A	30.11
1.90	0.0748	22.0	46.0	SC03190	22.47	SC03190T	27.56	SC03190A	30.11
2.00	0.0787	24.0	49.0	SC03006	22.88	SC03006T	27.97	SC03006A	30.51
2.10	0.0827	24.0	49.0	SC03210	25.41	SC03210T	30.50	SC03210A	33.04
2.20	0.0866	27.0	53.0	SC03220	25.41	SC03220T	30.50	SC03220A	33.04
2.30	0.0906	27.0	53.0	SC03230	26.39	SC03230T	31.48	SC03230A	34.02
2.40	0.0945	30.0	57.0	SC03240	26.39	SC03240T	31.48	SC03240A	34.02
2.50	0.0984	30.0	57.0	SC03007	26.21	SC03007T	31.30	SC03007A	33.84
2.60	0.1024	30.0	57.0	SC03260	26.39	SC03260T	31.48	SC03260A	34.02
2.70	0.1063	33.0	61.0	SC03270	26.97	SC03270T	32.07	SC03270A	34.62
2.80	0.1102	33.0	61.0	SC03280	27.16	SC03280T	32.26	SC03280A	34.81
2.90	0.1142	33.0	61.0	SC03290	27.16	SC03290T	32.26	SC03290A	34.81
3.00	0.1181	33.0	61.0	SC03008	27.97	SC03008T	34.41	SC03008A	37.47
3.10	0.1220	36.0	65.0	SC03310	31.89	SC03310T	39.21	SC03310A	42.72
3.20	0.1260	36.0	65.0	SC03320	31.89	SC03320T	39.21	SC03320A	42.72
3.30	0.1299	36.0	65.0	SC03330	31.89	SC03330T	39.21	SC03330A	42.72
3.40	0.1339	39.0	70.0	SC03340	31.89	SC03340T	39.21	SC03340A	42.72
3.50	0.1378	39.0	70.0	SC03009	31.89	SC03009T	39.21	SC03009A	42.72
3.60	0.1417	39.0	70.0	SC03360	39.32	SC03360T	48.36	SC03360A	52.70
3.70	0.1457	39.0	70.0	SC03370	39.32	SC03370T	48.36	SC03370A	52.70
3.80	0.1496	43.0	75.0	SC03380	39.32	SC03380T	48.36	SC03380A	52.70
3.90	0.1535	43.0	75.0	SC03390	39.32	SC03390T	48.36	SC03390A	52.70
4.00	0.1575	43.0	75.0	SC03010	39.32	SC03010T	48.36	SC03010A	52.70
4.10	0.1614	43.0	75.0	SC03410	42.01	SC03410T	51.67	SC03410A	56.29
4.20	0.1654	43.0	75.0	SC03420	42.01	SC03420T	51.67	SC03420A	56.29
4.30	0.1693	47.0	80.0	SC03430	42.01	SC03430T	51.67	SC03430A	56.29
4.40	0.1732	47.0	80.0	SC03440	42.01	SC03440T	51.67	SC03440A	56.29
4.50	0.1772	47.0	80.0	SC03011	42.01	SC03011T	51.67	SC03011A	56.29
4.60	0.1811	47.0	80.0	SC03460	46.54	SC03460T	57.24	SC03460A	62.58
4.70	0.1850	47.0	80.0	SC03470	46.54	SC03470T	57.24	SC03470A	62.58
4.80	0.1890	52.0	86.0	SC03480	46.54	SC03480T	57.24	SC03480A	62.58
4.90	0.1929	52.0	86.0	SC03490	46.54	SC03490T	57.24	SC03490A	62.58
5.00	0.1969	52.0	86.0	SC03012	46.54	SC03012T	57.24	SC03012A	62.58
5.10	0.2008	52.0	86.0	SC03510	46.54	SC03510T	57.24	SC03510A	62.58
5.20	0.2047	52.0	86.0	SC03520	46.54	SC03520T	57.24	SC03520A	62.58
5.30	0.2087	52.0	86.0	SC03530	46.54	SC03530T	57.24	SC03530A	62.58
5.40	0.2126	57.0	93.0	SC03540	46.54	SC03540T	57.24	SC03540A	62.58
5.50	0.2165	57.0	93.0	SC03013	55.09	SC03013T	65.78	SC03013A	71.14
5.60	0.2205	57.0	93.0	SC03560	55.09	SC03560T	65.78	SC03560A	71.14
5.70	0.2244	57.0	93.0	SC03570	55.09	SC03570T	65.78	SC03570A	71.14
5.80	0.2283	57.0	93.0	SC03580	55.09	SC03580T	65.78	SC03580A	71.14

CARBIDE TOOLS

OUTILS EN CARBURE

**SOLID CARBIDE JOBBER DRILLS - METRIC**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - METRIQUE**

**SC03**



**METRIC**

**CARBIDE TOOLS**

**OUTILS EN CARBURE**

MM	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
5.90	0.2323	57.0	93.0	SC03590	55.09	SC03590T	65.78	SC03590A	71.14
6.00	0.2362	57.0	93.0	SC03014	58.26	SC03014T	68.96	SC03014A	74.31
6.10	0.2402	63.0	101.0	SC03610	58.26	SC03610T	68.96	SC03610A	74.31
6.20	0.2441	63.0	101.0	SC03620	58.26	SC03620T	68.96	SC03620A	74.31
6.30	0.2480	63.0	101.0	SC03630	58.26	SC03630T	68.96	SC03630A	74.31
6.40	0.2520	63.0	101.0	SC03640	58.26	SC03640T	72.02	SC03640A	78.90
6.50	0.2559	63.0	101.0	SC03015	65.32	SC03015T	79.09	SC03015A	85.95
6.60	0.2598	63.0	101.0	SC03660	65.32	SC03660T	79.09	SC03660A	85.95
6.70	0.2638	63.0	101.0	SC03670	65.32	SC03670T	79.09	SC03670A	85.95
6.80	0.2677	69.0	109.0	SC03680	65.32	SC03680T	79.09	SC03680A	85.95
6.90	0.2717	69.0	109.0	SC03690	65.32	SC03690T	79.09	SC03690A	85.95
7.00	0.2756	69.0	109.0	SC03016	71.54	SC03016T	85.29	SC03016A	92.17
7.10	0.2795	69.0	109.0	SC03710	71.54	SC03710T	85.29	SC03710A	92.17
7.20	0.2835	69.0	109.0	SC03720	71.54	SC03720T	85.29	SC03720A	92.17
7.30	0.2874	69.0	109.0	SC03730	71.54	SC03730T	85.29	SC03730A	92.17
7.40	0.2913	69.0	109.0	SC03740	71.54	SC03740T	85.29	SC03740A	92.17
7.50	0.2953	69.0	109.0	SC03017	78.12	SC03017T	91.88	SC03017A	98.74
7.60	0.2992	75.0	117.0	SC03760	78.12	SC03760T	91.88	SC03760A	98.74
7.70	0.3031	75.0	117.0	SC03770	78.12	SC03770T	91.88	SC03770A	98.75
7.80	0.3071	75.0	117.0	SC03780	78.12	SC03780T	91.88	SC03780A	98.74
7.90	0.3110	75.0	117.0	SC03790	78.12	SC03790T	91.88	SC03790A	98.74
8.00	0.3150	75.0	117.0	SC03018	88.08	SC03018T	101.84	SC03018A	108.72
8.10	0.3189	75.0	117.0	SC03810	88.08	SC03810T	101.84	SC03810A	108.72
8.20	0.3228	75.0	117.0	SC03820	88.08	SC03820T	101.84	SC03820A	108.72
8.30	0.3268	75.0	117.0	SC03830	88.08	SC03830T	101.84	SC03830A	108.72
8.40	0.3307	75.0	117.0	SC03840	88.08	SC03840T	101.84	SC03840A	108.72
8.50	0.3346	75.0	117.0	SC03019	96.47	SC03019T	110.22	SC03019A	117.10
8.60	0.3386	81.0	125.0	SC03860	96.47	SC03860T	110.22	SC03860A	117.10
8.70	0.3425	81.0	125.0	SC03870	96.47	SC03870T	110.22	SC03870A	117.10
8.80	0.3465	81.0	125.0	SC03880	96.47	SC03880T	110.22	SC03880A	117.10
8.90	0.3504	81.0	125.0	SC03890	96.47	SC03890T	110.22	SC03890A	117.10
9.00	0.3543	81.0	125.0	SC03020	109.48	SC03020T	123.23	SC03020A	130.11
9.10	0.3583	81.0	125.0	SC03910	109.48	SC03910T	123.23	SC03910A	130.11
9.20	0.3622	81.0	125.0	SC03920	109.48	SC03920T	123.23	SC03920A	130.11
9.30	0.3661	81.0	125.0	SC03930	109.48	SC03930T	123.23	SC03930A	130.11
9.40	0.3701	81.0	125.0	SC03940	113.35	SC03940T	127.09	SC03940A	133.98
9.50	0.3740	81.0	125.0	SC03021	125.00	SC03021T	138.76	SC03021A	145.62
9.60	0.3780	87.0	133.0	SC03960	125.00	SC03960T	143.84	SC03960A	153.27
9.70	0.3819	87.0	133.0	SC03970	125.00	SC03970T	143.84	SC03970A	153.27
9.80	0.3858	87.0	133.0	SC03980	125.00	SC03980T	143.84	SC03980A	153.27
9.90	0.3898	87.0	133.0	SC03990	125.00	SC03990T	143.84	SC03990A	153.27
10.00	0.3937	87.0	133.0	SC03022	147.62	SC03022T	166.47	SC03022A	175.89
10.50	0.4134	87.0	133.0	SC03023	160.39	SC03023T	179.24	SC03023A	188.65
11.00	0.4331	94.0	142.0	SC03024	190.96	SC03024T	209.81	SC03024A	219.23
11.50	0.4528	94.0	142.0	SC03025	196.72	SC03025T	215.57	SC03025A	224.98
12.00	0.4724	101.0	151.0	SC03026	218.30	SC03026T	237.14	SC03026A	246.56



**CARBIDE TIPPED JOBBER DRILLS - REGULAR SPIRAL  
FORETS A QUEUE CYLINDRIQUE - POINTE AU CARBURE - HELICE REG.**

**SC04**



**CT**

FRAC	MM	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
		0.1160	1-5/8	2-3/4	SC04232	23.73	SC04232T	33.48	SC04232A	36.88
	3.00	0.1181	1-5/8	2-3/4	SC04530	28.75	SC04530T	38.50	SC04530A	41.90
		0.1200	1-5/8	2-3/4	SC04231	23.73	SC04231T	33.48	SC04231A	36.88
	3.10	0.1220	1-5/8	2-3/4	SC04531	30.62	SC04531T	40.37	SC04531A	43.77
1/8		0.1250	1-5/8	2-3/4	SC04008	23.34	SC04008T	30.05	SC04008A	36.49
	3.20	0.1260	1-5/8	2-3/4	SC04532	30.62	SC04532T	40.37	SC04532A	43.77
		0.1285	1-5/8	2-3/4	SC04230	23.73	SC04230T	33.48	SC04230A	36.88
	3.30	0.1299	1-3/4	2-7/8	SC04533	30.62	SC04533T	40.37	SC04533A	43.77
		0.1360	1-3/4	2-7/8	SC04229	24.46	SC04229T	34.21	SC04229A	37.61
	3.50	0.1378	1-3/4	2-7/8	SC04535	30.62	SC04535T	40.37	SC04535A	43.77
		0.1405	1-3/4	2-7/8	SC04228	24.92	SC04228T	34.67	SC04228A	38.07
9/64		0.1406	1-3/4	2-7/8	SC04009	24.68	SC04009T	34.43	SC04009A	37.83
		0.1440	1-7/8	3"	SC04227	24.92	SC04227T	34.67	SC04227A	38.07
		0.1470	1-7/8	3"	SC04226	24.92	SC04226T	34.67	SC04226A	38.07
		0.1495	1-7/8	3"	SC04225	24.92	SC04225T	34.67	SC04225A	38.07
		0.1520	2"	3-1/8	SC04224	24.92	SC04224T	34.67	SC04224A	38.07
		0.1540	2"	3-1/8	SC04223	24.92	SC04223T	34.67	SC04223A	38.07
5/32		0.1562	2"	3-1/8	SC04010	24.68	SC04010T	31.38	SC04010A	37.83
		0.1570	2"	3-1/8	SC04222	26.34	SC04222T	36.09	SC04222A	39.49
	4.00	0.1575	2-1/8	3-1/4	SC04540	32.48	SC04540T	42.23	SC04540A	45.83
		0.1590	2-1/8	3-1/4	SC04221	26.34	SC04221T	36.09	SC04221A	39.49
		0.1610	2-1/8	3-1/4	SC04220	26.34	SC04220T	36.09	SC04220A	39.49
		0.1660	2-1/8	3-1/4	SC04219	26.34	SC04219T	36.09	SC04219A	39.49
		0.1695	2-1/8	3-1/4	SC04218	26.34	SC04218T	36.09	SC04218A	39.49
11/64		0.1719	2-1/8	3-1/4	SC04011	26.34	SC04011T	36.09	SC04011A	39.49
		0.1730	2-3/16	3-3/8	SC04217	26.34	SC04217T	36.09	SC04217A	39.49
		0.1770	2-3/16	3-3/8	SC04216	26.34	SC04216T	36.09	SC04216A	39.49
	4.50	0.1772	2-3/16	3-3/8	SC04545	32.48	SC04545T	42.23	SC04545A	45.63
		0.1800	2-3/16	3-3/8	SC04215	26.34	SC04215T	36.09	SC04215A	39.49
		0.1820	2-3/16	3-3/8	SC04214	26.34	SC04214T	36.09	SC04214A	39.49
		0.1850	2-5/16	3-1/2	SC04213	26.34	SC04213T	36.09	SC04213A	39.49
3/16		0.1875	2-5/16	3-1/2	SC04012	26.34	SC04012T	33.03	SC04012A	39.49
		0.1890	2-5/16	3-1/2	SC04212	27.88	SC04212T	41.48	SC04212A	46.28
		0.1910	2-5/16	3-1/2	SC04211	27.88	SC04211T	41.48	SC04211A	46.28
		0.1935	2-7/16	3-5/8	SC04210	27.88	SC04210T	41.48	SC04210A	46.28
		0.1960	2-7/16	3-5/8	SC04209	27.88	SC04209T	41.48	SC04209A	46.28
	5.00	0.1968	2-7/16	3-5/8	SC04550	35.69	SC04550T	49.29	SC04550A	54.09
		0.1990	2-7/16	3-5/8	SC04208	27.88	SC04208T	41.48	SC04208A	46.28
		0.2010	2-7/16	3-5/8	SC04207	27.88	SC04207T	41.48	SC04207A	46.28
13/64		0.2031	2-7/16	3-5/8	SC04013	28.75	SC04013T	42.35	SC04013A	47.15
		0.2040	2-1/2	3-3/4	SC04206	27.88	SC04206T	41.48	SC04206A	46.28
		0.2055	2-1/2	3-3/4	SC04205	27.88	SC04205T	41.48	SC04205A	46.28
		0.2090	2-1/2	3-3/4	SC04204	27.88	SC04204T	41.48	SC04204A	46.28
		0.2130	2-1/2	3-3/4	SC04203	27.88	SC04203T	41.48	SC04203A	46.28
	5.50	0.2165	2-1/2	3-3/4	SC04555	36.00	SC04555T	49.80	SC04555A	54.40
7/32		0.2188	2-1/2	3-3/4	SC04014	28.75	SC04014T	38.12	SC04014A	47.15
		0.2210	2-5/8	3-7/8	SC04202	29.40	SC04202T	43.00	SC04202A	47.80
		0.2280	2-5/8	3-7/8	SC04201	29.40	SC04201T	43.00	SC04201A	47.80
A		0.2340	2-5/8	3-7/8	SC04101	33.81	SC04101T	47.41	SC04101A	52.21

**CARBIDE TOOLS**

**OUTILS EN CARBURE**

**CARBIDE TIPPED JOBBER DRILLS - REGULAR SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - POINTE AU CARBURE - HELICE REG.**

**SC04**



**CT**

**CARBIDE TOOLS**

FRAC	MM	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
15/64		0.2344	2-5/8	3-7/8	SC04015	31.66	SC04015T	45.26	SC04015A	50.06
	6.00	0.2362	2-3/4	4"	SC04560	38.54	SC04560T	52.14	SC04560A	56.94
B		0.2380	2-3/4	4"	SC04102	33.81	SC04102T	47.41	SC04102A	52.21
C		0.2420	2-3/4	4"	SC04103	33.81	SC04103T	47.41	SC04103A	52.21
D		0.2460	2-3/4	4"	SC04104	33.81	SC04104T	47.41	SC04104A	52.21
1/4	E	0.2500	2-3/4	4"	SC04016	32.28	SC04016T	41.66	SC04016A	50.68
	6.40	0.2520	2-7/8	4-1/8	SC04564	45.32	SC04564T	62.82	SC04564A	68.97
	6.50	0.2559	2-7/8	4-1/8	SC04565	45.32	SC04565T	62.82	SC04565A	68.97
F		0.2570	2-7/8	4-1/8	SC04106	38.22	SC04106T	55.72	SC04106A	61.87
G		0.2610	2-7/8	4-1/8	SC04107	38.78	SC04107T	56.28	SC04107A	62.43
17/64		0.2656	2-7/8	4-1/8	SC04017	37.28	SC04017T	54.78	SC04017A	60.93
H		0.2660	2-7/8	4-1/8	SC04108	38.78	SC04108T	56.28	SC04108A	62.43
I		0.2720	2-7/8	4-1/8	SC04109	38.78	SC04109T	56.28	SC04109A	62.43
	7.00	0.2756	2-7/8	4-1/8	SC04570	47.05	SC04570T	64.55	SC04570A	70.70
J		0.2770	2-7/8	4-1/8	SC04110	39.78	SC04110T	57.28	SC04110A	63.43
K		0.2810	2-15/16	4-1/4	SC04111	39.78	SC04111T	57.28	SC04111A	63.43
9/32		0.2812	2-15/16	4-1/4	SC04018	36.59	SC04018T	48.64	SC04018A	60.24
L		0.2900	2-15/16	4-1/4	SC04112	39.78	SC04112T	57.28	SC04112A	63.43
M		0.2950	3-1/16	4-3/8	SC04113	42.03	SC04113T	59.53	SC04113A	65.68
	7.50	0.2953	3-1/16	4-3/8	SC04575	49.06	SC04575T	66.56	SC04575A	72.71
19/64		0.2969	3-1/16	4-3/8	SC04019	40.26	SC04019T	57.78	SC04019A	63.93
N		0.3020	3-1/16	4-3/8	SC04114	42.03	SC04114T	59.53	SC04114A	65.68
5/16		0.3125	3-3/16	4-1/2	SC04020	39.55	SC04020T	51.60	SC04020A	63.20
	8.00	0.3150	3-3/16	4-1/2	SC04580	51.90	SC04580T	69.40	SC04580A	75.55
O		0.3160	3-3/16	4-1/2	SC04115	42.03	SC04115T	59.53	SC04115A	65.68
P		0.3230	3-5/16	4-5/8	SC04116	44.77	SC04116T	62.27	SC04116A	68.42
21/64		0.3281	3-5/16	4-5/8	SC04021	42.82	SC04021T	60.32	SC04021A	66.47
Q		0.3320	3-7/16	4-3/4	SC04117	44.77	SC04117T	62.27	SC04117A	68.42
	8.50	0.3346	3-7/16	4-3/4	SC04585	53.61	SC04585T	71.11	SC04585A	77.26
R		0.3390	3-7/16	4-3/4	SC04118	44.77	SC04118T	62.27	SC04118A	68.42
11/32		0.3438	3-7/16	4-3/4	SC04022	42.01	SC04022T	54.06	SC04022A	65.66
S		0.3480	3-1/2	4-7/8	SC04119	47.52	SC04119T	65.02	SC04119A	71.17
	9.00	0.3543	3-1/2	4-7/8	SC04590	55.41	SC04590T	72.91	SC04590A	79.06
T		0.3580	3-1/2	4-7/8	SC04120	47.52	SC04120T	65.02	SC04120A	71.17
23/64		0.3594	3-1/2	4-7/8	SC04023	45.51	SC04023T	63.01	SC04023A	69.16
U		0.3680	3-5/8	5"	SC04121	47.52	SC04121T	65.02	SC04121A	71.17
	9.50	0.3740	3-5/8	5"	SC04595	56.75	SC04595T	74.25	SC04595A	80.40
3/8		0.3750	3-5/8	5"	SC04024	44.65	SC04024T	56.70	SC04024A	68.30
V		0.3770	3-5/8	5"	SC04122	48.51	SC04122T	72.56	SC04122A	80.96
W		0.3860	3-3/4	5-1/8	SC04123	52.88	SC04123T	76.93	SC04123A	85.33
25/64		0.3906	3-3/4	5-1/8	SC04025	49.53	SC04025T	73.58	SC04025A	81.98
	10.00	0.3937	3-3/4	5-1/8	SC04600	60.26	SC04600T	84.31	SC04600A	92.71
X		0.3970	3-3/4	5-1/8	SC04124	52.88	SC04124T	76.93	SC04124A	85.33
Y		0.4040	3-7/8	5-1/4	SC04125	52.88	SC04125T	76.93	SC04125A	85.33
13/32		0.4062	3-7/8	5-1/4	SC04026	48.66	SC04026T	65.23	SC04026A	81.11
Z		0.4130	3-7/8	5-1/4	SC04126	58.56	SC04126T	82.61	SC04126A	91.01
	10.50	0.4134	3-15/16	5-3/8	SC04605	65.34	SC04605T	89.39	SC04605A	97.79
27/64		0.4219	3-15/16	5-3/8	SC04027	53.71	SC04027T	77.76	SC04027A	86.16
	11.00	0.4331	4-1/16	5-1/2	SC04610	65.34	SC04610T	89.39	SC04610A	97.79

**OUTILS EN CARBURE**



**CARBIDE TIPPED JOBBER DRILLS - REGULAR SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - POINTE AU CARBURE - HELICE REG.**

**SC04**



**CT**

FRAC	MM	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
7/16	11.50	0.4375	4-1/16	5-1/2	SC04028	52.74	SC04028T	69.30	SC04028A	85.19
		0.4528	4-3/16	5-5/8	SC04615	64.52	SC04615T	88.57	SC04615A	96.97
29/64	12.00	0.4531	4-3/16	5-5/8	SC04029	60.39	SC04029T	84.44	SC04029A	92.84
15/32		0.4688	4-5/16	5-3/4	SC04030	59.31	SC04030T	75.87	SC04030A	91.76
		0.4724	4-3/8	5-7/8	SC04620	82.07	SC04620T	106.12	SC04620A	114.52
31/64	12.50	0.4844	4-3/8	5-7/8	SC04031	67.57	SC04031T	91.62	SC04031A	100.02
		0.4921	4-1/2	6"	SC04625	82.90	SC04625T	106.95	SC04625A	115.35
1/2	13.00	0.5000	4-1/2	6"	SC04032	66.30	SC04032T	82.86	SC04032A	98.75
		0.5118	4-1/2	6"	SC04630	119.19	SC04630T	156.14	SC04630A	169.09
33/64	13.00	0.5156	4-13/16	6-5/8	SC04033	101.77	SC04033T	138.72	SC04033A	151.67
17/32		0.5313	4-13/16	6-5/8	SC04034	101.77	SC04034T	138.72	SC04034A	151.67
35/64	13.00	0.5469	4-13/16	6-5/8	SC04035	102.88	SC04035T	139.83	SC04035A	152.78
9/16		0.5625	4-13/16	6-5/8	SC04036	102.88	SC04036T	154.07	SC04036A	152.78
37/64	13.00	0.5781	4-13/16	6-5/8	SC04037	113.52	SC04037T	150.47	SC04037A	163.42
19/32		0.5938	5-3/16	7-1/8	SC04038	110.18	SC04038T	163.84	SC04038A	160.08
39/64	13.00	0.6094	5-3/16	7-1/8	SC04039	130.35	SC04039T	167.30	SC04039A	180.25
5/8		0.6250	5-3/16	7-1/8	SC04040	124.79	SC04040T	181.44	SC04040A	174.69
41/64	13.00	0.6406	5-3/16	7-1/8	SC04041	144.00	SC04041T	196.50	SC04041A	214.90
21/32		0.6563	5-3/16	7-1/8	SC04042	126.86	SC04042T	184.02	SC04042A	197.76
43/64	13.00	0.6719	5-5/8	7-5/8	SC04043	165.28	SC04043T	217.78	SC04043A	236.18
11/16		0.6875	5-5/8	7-5/8	SC04044	129.40	SC04044T	187.20	SC04044A	200.30

**SOLID CARBIDE STUB DRILLS - SLOW SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - HELICE ALLONGEE**

**SC12**



**SLOW SPIRAL**

FRAC	NO	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
3/64	56	0.0485	1/2	1-3/8	SC12756	18.08	SC12756T	23.17	SC12756A	25.73
		0.0489	1/2	1-3/8	SC12046	18.08	SC12046T	23.17	SC12046A	25.73
1/16	55	0.0520	5/8	1-1/2	SC12755	18.08	SC12755T	23.17	SC12755A	25.73
	54	0.0550	5/8	1-1/2	SC12754	18.29	SC12754T	23.38	SC12754A	25.94
1/16	53	0.0595	5/8	1-1/2	SC12753	18.29	SC12753T	23.38	SC12753A	25.94
		0.0625	5/8	1-5/8	SC12062	18.53	SC12062T	23.63	SC12062A	26.18
5/64	52	0.0635	11/16	1-11/16	SC12762	18.65	SC12762T	23.74	SC12762A	26.28
	51	0.0670	11/16	1-11/16	SC12751	18.65	SC12751T	23.74	SC12751A	26.28
5/64	50	0.0700	11/16	1-11/16	SC12750	18.98	SC12750T	24.08	SC12750A	26.63
	49	0.0730	11/16	1-11/16	SC12749	19.09	SC12749T	24.18	SC12749A	26.72
5/64	48	0.0760	11/16	1-11/16	SC12748	19.52	SC12748T	24.61	SC12748A	27.15
		0.0781	11/16	1-11/16	SC12078	19.52	SC12078T	24.61	SC12078A	27.15
5/64	47	0.0785	3/4	1-3/4	SC12747	18.97	SC12747T	24.07	SC12747A	26.62
	46	0.0810	3/4	1-3/4	SC12746	19.52	SC12746T	24.61	SC12746A	27.15
5/64	45	0.0820	3/4	1-3/4	SC12745	20.31	SC12745T	25.40	SC12745A	27.95
	44	0.0860	3/4	1-3/4	SC12744	20.84	SC12744T	25.74	SC12744A	28.28
5/64	43	0.0890	3/4	1-3/4	SC12743	20.87	SC12743T	25.97	SC12743A	28.51

**SOLID CARBIDE STUB DRILLS - SLOW SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - HELICE ALLONGEE**

**SC12**



**SLOW SPIRAL**

**CARBIDE TOOLS**

**OUTILS EN CARBURE**

FRAC	NO	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
	42	0.0935	3/4	1-3/4	SC12742	21.12	SC12742T	26.21	SC12742A	28.75
3/32		0.0938	3/4	1-3/4	SC12093	19.65	SC12093T	24.74	SC12093A	27.29
	41	0.0960	13/16	1-13/16	SC12741	21.55	SC12741T	26.64	SC12741A	29.18
	40	0.0980	13/16	1-13/16	SC12740	22.09	SC12740T	27.18	SC12740A	29.74
	39	0.0995	13/16	1-13/16	SC12739	22.09	SC12739T	27.18	SC12739A	29.74
	38	0.1015	13/16	1-13/16	SC12738	22.98	SC12738T	28.08	SC12738A	30.63
	37	0.1040	13/16	1-13/16	SC12737	23.12	SC12737T	28.21	SC12737A	30.75
	36	0.1065	13/16	1-13/16	SC12736	23.55	SC12736T	28.64	SC12736A	31.19
7/64		0.1094	13/16	1-13/16	SC12109	23.43	SC12109T	28.52	SC12109A	31.07
	35	0.1100	7/8	1-7/8	SC12735	23.90	SC12735T	29.00	SC12735A	31.54
	34	0.1110	7/8	1-7/8	SC12734	24.54	SC12734T	29.63	SC12734A	32.18
	33	0.1130	7/8	1-7/8	SC12733	24.68	SC12733T	29.77	SC12733A	32.32
	32	0.1160	7/8	1-7/8	SC12732	24.78	SC12732T	29.88	SC12732A	32.42
	31	0.1200	7/8	1-7/8	SC12731	25.01	SC12731T	30.11	SC12731A	32.66
1/8		0.1250	7/8	1-7/8	SC12125	23.43	SC12125T	28.52	SC12125A	31.07
	30	0.1285	15/16	1-15/16	SC12730	28.02	SC12730T	35.67	SC12730A	39.49
	29	0.1360	15/16	1-15/16	SC12729	28.37	SC12729T	36.00	SC12729A	39.83
	28	0.1405	15/16	1-15/16	SC12728	29.81	SC12728T	37.45	SC12728A	41.27
9/64		0.1408	15/16	1-15/16	SC12140	27.12	SC12140T	34.77	SC12140A	38.59
	27	0.1440	1"	2-1/16	SC12727	30.15	SC12727T	37.78	SC12727A	41.61
	26	0.1470	1"	2-1/16	SC12726	30.60	SC12726T	38.23	SC12726A	42.06
	25	0.1495	1"	2-1/16	SC12725	30.92	SC12725T	38.57	SC12725A	42.38
	24	0.1520	1"	2-1/16	SC12724	32.04	SC12724T	39.68	SC12724A	43.50
	23	0.1540	1"	2-1/16	SC12723	32.80	SC12723T	40.44	SC12723A	44.26
5/32		0.1562	1"	2-1/16	SC12156	28.02	SC12156T	35.67	SC12156A	39.49
	22	0.1570	1-1/16	2-1/8	SC12722	33.05	SC12722T	40.70	SC12722A	44.51
	21	0.1590	1-1/16	2-1/8	SC12721	33.94	SC12721T	41.58	SC12721A	45.39
	20	0.1610	1-1/16	2-1/8	SC12720	35.72	SC12720T	43.37	SC12720A	47.19
	19	0.1660	1-1/16	2-1/8	SC12719	38.17	SC12719T	45.81	SC12719A	49.62
	18	0.1695	1-1/16	2-1/8	SC12718	38.17	SC12718T	45.81	SC12718A	49.62
11/64		0.1719	1-1/16	2-1/8	SC12171	35.37	SC12171T	43.02	SC12171A	46.83
	17	0.1730	1-1/8	2-3/16	SC12717	38.73	SC12717T	46.37	SC12717A	50.20
	16	0.1770	1-1/8	2-3/16	SC12716	39.31	SC12716T	46.96	SC12716A	50.77
	15	0.1800	1-1/8	2-3/16	SC12715	39.51	SC12715T	47.16	SC12715A	50.97
	14	0.1820	1-1/8	2-3/16	SC12714	39.73	SC12714T	47.38	SC12714A	51.19
	13	0.1850	1-1/8	2-3/16	SC12713	40.41	SC12713T	48.06	SC12713A	51.87
3/16		0.1875	1-1/8	2-3/16	SC12187	35.37	SC12187T	43.02	SC12187A	46.83
	12	0.1890	1-3/16	2-1/4	SC12712	40.97	SC12712T	51.66	SC12712A	57.02
	11	0.1910	1-3/16	2-1/4	SC12711	41.64	SC12711T	52.33	SC12711A	57.69
	10	0.1935	1-3/16	2-1/4	SC12710	41.64	SC12710T	52.33	SC12710A	57.69
	9	0.1960	1-3/16	2-1/4	SC12709	43.08	SC12709T	53.78	SC12709A	59.13
	8	0.1990	1-3/16	2-1/4	SC12708	44.11	SC12708T	54.81	SC12708A	60.15
	7	0.2010	1-3/16	2-1/4	SC12707	44.88	SC12707T	55.57	SC12707A	60.91
13/64		0.2031	1-3/16	2-1/4	SC12203	42.42	SC12203T	53.12	SC12203A	58.47
	6	0.2040	1-1/4	2-3/8	SC12706	47.12	SC12706T	57.81	SC12706A	63.16
	5	0.2055	1-1/4	2-3/8	SC12705	47.12	SC12705T	57.81	SC12705A	63.16
	4	0.2090	1-1/4	2-3/8	SC12704	47.88	SC12704T	58.58	SC12704A	63.92
	3	0.2130	1-1/4	2-3/8	SC12703	49.69	SC12703T	60.39	SC12703A	65.73
7/32		0.2188	1-1/4	2-3/8	SC12218	42.42	SC12218T	53.12	SC12218A	58.47



**SOLID CARBIDE STUB DRILLS - SLOW SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - HELICE ALLONGEE**

**SC12**



**SLOW SPIRAL**

**CARBIDE TOOLS**

**OUTILS EN CARBURE**

FRAC	NO	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
	2	0.2210	1-5/16	2-7/16	SC12702	51.14	SC12702T	61.82	SC12702A	67.18
	1	0.2280	1-5/16	2-7/16	SC12701	52.24	SC12701T	62.93	SC12701A	68.28
	A	0.2340	1-5/16	2-7/16	SC12601	54.25	SC12601T	64.96	SC12601A	70.31
15/64		0.2344	1-5/16	2-7/16	SC12234	54.25	SC12234T	64.96	SC12234A	70.31
	B	0.2380	1-3/8	2-1/2	SC12602	57.04	SC12602T	67.74	SC12602A	73.08
	C	0.2420	1-3/8	2-1/2	SC12603	57.26	SC12603T	67.96	SC12603A	73.30
	D	0.2460	1-3/8	2-1/2	SC12604	57.26	SC12604T	67.96	SC12604A	73.30
1/4	E	0.2500	1-3/8	2-1/2	SC12250	51.00	SC12250T	61.71	SC12250A	67.05
	F	0.2570	1-7/16	2-5/8	SC12606	67.21	SC12606T	80.97	SC12606A	87.83
	G	0.2610	1-7/16	2-5/8	SC12607	70.55	SC12607T	84.29	SC12607A	91.18
17/64		0.2656	1-7/16	2-5/8	SC12265	70.79	SC12265T	84.54	SC12265A	91.42
	H	0.2660	1-1/2	2-11/16	SC12608	72.33	SC12608T	86.09	SC12608A	92.98
	I	0.2720	1-1/2	2-11/16	SC12609	72.33	SC12609T	86.09	SC12609A	92.98
	J	0.2770	1-1/2	2-11/16	SC12610	73.80	SC12610T	87.55	SC12610A	94.43
	K	0.2810	1-1/2	2-11/16	SC12611	81.39	SC12611T	95.13	SC12611A	102.02
9/32		0.2812	1-1/2	2-11/16	SC12281	73.58	SC12281T	87.33	SC12281A	94.21
	L	0.2900	1-9/16	2-3/4	SC12612	84.61	SC12612T	98.36	SC12612A	105.24
	M	0.2950	1-9/16	2-3/4	SC12613	86.17	SC12613T	99.93	SC12613A	106.80
19/64		0.2969	1-9/16	2-3/4	SC12296	82.04	SC12296T	95.79	SC12296A	102.67
	N	0.3020	1-5/8	2-13/16	SC12614	87.41	SC12614T	101.17	SC12614A	108.05
5/16		0.3125	1-5/8	2-13/16	SC12312	73.58	SC12312T	87.33	SC12312A	94.21
	O	0.3160	1-11/16	2-15/16	SC12615	90.10	SC12615T	103.86	SC12615A	110.72
	P	0.3230	1-11/16	2-15/16	SC12616	90.88	SC12616T	104.63	SC12616A	111.51
21/64		0.3281	1-11/16	2-15/16	SC12328	86.39	SC12328T	100.15	SC12328A	107.02
	Q	0.3320	1-11/16	3"	SC12617	94.32	SC12617T	108.08	SC12617A	114.95
	R	0.3390	1-11/16	3"	SC12618	94.89	SC12618T	108.64	SC12618A	115.52
11/32		0.3438	1-11/16	3"	SC12343	96.02	SC12343T	109.78	SC12343A	116.66
	S	0.3480	1-3/4	3-1/16	SC12619	102.48	SC12619T	116.22	SC12619A	123.10
	T	0.3580	1-3/4	3-1/16	SC12620	112.51	SC12620T	126.26	SC12620A	133.14
23/64		0.3594	1-3/4	3-1/16	SC12359	110.20	SC12359T	123.94	SC12359A	130.82
	U	0.3680	1-13/16	3-1/8	SC12621	117.78	SC12621T	131.53	SC12621A	138.41
3/8		0.3750	1-13/16	3-1/8	SC12375	119.56	SC12375T	133.33	SC12375A	140.21
	V	0.3770	1-7/8	3-1/4	SC12622	119.56	SC12622T	138.42	SC12622A	147.85
	W	0.3860	1-7/8	3-1/4	SC12623	122.02	SC12623T	140.87	SC12623A	150.30
25/64		0.3906	1-7/8	3-1/4	SC12390	128.61	SC12390T	147.46	SC12390A	156.89
	X	0.3970	1-15/16	3-5/16	SC12624	132.65	SC12624T	151.48	SC12624A	160.91
	Y	0.4040	1-15/16	3-5/16	SC12625	145.91	SC12625T	164.76	SC12625A	174.17
13/32		0.4062	1-15/16	3-5/16	SC12406	142.66	SC12406T	161.52	SC12406A	170.93
	Z	0.4130	2"	3-3/8	SC12626	151.08	SC12626T	169.93	SC12626A	179.35
27/64		0.4219	2"	3-3/8	SC12421	159.19	SC12421T	178.03	SC12421A	187.46
7/16		0.4375	2-1/16	3-7/16	SC12437	150.02	SC12437T	168.87	SC12437A	178.30
29/64		0.4531	2-1/8	3-9/16	SC12453	190.77	SC12453T	209.62	SC12453A	219.04
15/32		0.4888	2-1/8	3-5/8	SC12468	201.32	SC12468T	220.15	SC12468A	229.58
31/64		0.4844	2-3/16	3-11/16	SC12484	201.32	SC12484T	220.15	SC12484A	229.58
1/2		0.5000	2-1/4	3-3/4	SC12500	185.73	SC12500T	204.59	SC12500A	214.01





**SOLID CARBIDE JOBBER DRILL - PARABOLIC FLUTE**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - PARABOLIQUES**

**SC14**



**PARABOLIC**

FRAC	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	0.1250	1-1/4	2-1/4	SC14008	32.70	SC14008T	37.79	SC14008A	40.34
9/64	0.1406	1-3/8	2-1/2	SC14009	36.13	SC14009T	43.77	SC14009A	47.60
5/32	0.1562	1-3/8	2-1/2	SC14010	40.35	SC14010T	48.00	SC14010A	51.82
11/64	0.1719	1-5/8	2-3/4	SC14011	47.86	SC14011T	55.50	SC14011A	59.31
3/16	0.1875	1-5/8	2-3/4	SC14012	49.25	SC14012T	56.89	SC14012A	60.70
13/64	0.2031	1-3/4	3"	SC14013	56.66	SC14013T	67.35	SC14013A	72.70
7/32	0.2188	1-3/4	3"	SC14014	62.93	SC14014T	73.63	SC14014A	78.97
15/64	0.2344	2"	3-1/4	SC14015	71.23	SC14015T	81.93	SC14015A	87.28
1/4	0.2500	2"	3-1/4	SC14016	74.95	SC14016T	85.64	SC14016A	90.99
17/64	0.2656	2-1/8	3-1/2	SC14017	84.51	SC14017T	98.27	SC14017A	105.15
9/32	0.2812	2-1/8	3-1/2	SC14018	87.94	SC14018T	101.88	SC14018A	108.56
19/64	0.2969	2-3/8	3-3/4	SC14019	99.02	SC14019T	112.76	SC14019A	119.65
5/16	0.3125	2-3/8	3-3/4	SC14020	103.93	SC14020T	117.68	SC14020A	124.56
21/64	0.3281	2-1/2	4"	SC14021	113.83	SC14021T	127.59	SC14021A	134.46
11/32	0.3438	2-1/2	4"	SC14022	123.91	SC14022T	137.67	SC14022A	144.54
23/64	0.3594	2-1/2	4"	SC14023	138.68	SC14023T	152.43	SC14023A	159.31
3/8	0.3750	2-3/4	4-1/4	SC14024	147.00	SC14024T	160.74	SC14024A	167.62
25/64	0.3906	2-7/8	4-1/2	SC14025	172.04	SC14025T	190.90	SC14025A	200.31
13/32	0.4062	2-7/8	4-1/2	SC14026	193.31	SC14026T	212.14	SC14026A	221.57
27/64	0.4219	2-7/8	4-1/2	SC14027	205.15	SC14027T	224.01	SC14027A	233.43
7/16	0.4375	2-7/8	4-1/2	SC14028	214.70	SC14028T	233.55	SC14028A	242.97
29/64	0.4531	3"	4-3/4	SC14029	248.88	SC14029T	267.72	SC14029A	277.15
15/32	0.4688	3"	4-3/4	SC14030	259.13	SC14030T	277.99	SC14030A	287.40
31/64	0.4844	3"	4-3/4	SC14031	266.67	SC14031T	285.52	SC14031A	294.95
1/2	0.5000	3"	4-3/4	SC14032	266.67	SC14032T	285.52	SC14032A	294.95

**SOLID CARBIDE JOBBER DRILL - STRAIGHT FLUTE - FRACTIONAL**  
**FORETS - EN CARBURE - FRACTIONNEL**

**SC05**



**FRACTIONAL**

FRAC	NO	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
	60	0.0400	1/2	1-1/2	SC05760	17.29	SC05760T	22.40	SC05760A	24.94
	59	0.0410	1/2	1-1/2	SC05759	17.29	SC05759T	22.40	SC05759A	24.94
	58	0.0420	1/2	1-1/2	SC05758	17.29	SC05758T	22.40	SC05758A	24.94
	57	0.0430	1/2	1-1/2	SC05757	17.29	SC05757T	22.40	SC05757A	24.94
	56	0.0465	1/2	1-1/2	SC05756	17.29	SC05756T	22.40	SC05756A	24.94
3/64		0.0469	1/2	1-1/2	SC05046	17.29	SC05046T	22.40	SC05046A	24.94
	55	0.0520	1/2	1-1/2	SC05755	17.29	SC05755T	22.40	SC05755A	24.94
	54	0.0550	1/2	1-1/2	SC05754	17.43	SC05754T	22.52	SC05754A	25.07
	53	0.0595	1/2	1-1/2	SC05753	17.43	SC05753T	22.52	SC05753A	25.07
1/16		0.0625	5/8	1-1/2	SC05062	17.69	SC05062T	22.79	SC05062A	25.34
	52	0.0635	11/16	1-11/16	SC05752	17.71	SC05752T	22.81	SC05752A	25.36
	51	0.0670	11/16	1-11/16	SC05751	17.71	SC05751T	22.81	SC05751A	25.36
	50	0.0700	11/16	1-11/16	SC05750	18.01	SC05750T	23.10	SC05750A	25.64

**SOLID CARBIDE JOBBER DRILL - STRAIGHT FLUTE - FRACTIONAL  
FORETS - EN CARBURE - FRACTIONNEL**

**SC05**



**FRACTIONAL**

**CARBIDE TOOLS**

**OUTILS EN CARBURE**

FRAC	NO	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
	49	0.0730	11/16	1-11/16	SC05749	18.18	SC05749T	23.28	SC05749A	25.82
	48	0.0760	11/16	1-11/16	SC05748	18.61	SC05748T	23.70	SC05748A	26.25
5/64		0.0781	11/16	1-11/16	SC05078	18.61	SC05078T	23.70	SC05078A	26.25
	47	0.0785	3/4	1-3/4	SC05747	18.61	SC05747T	23.70	SC05747A	26.25
	46	0.0810	3/4	1-3/4	SC05746	18.61	SC05746T	23.70	SC05746A	26.25
	45	0.0820	3/4	1-3/4	SC05745	19.36	SC05745T	24.45	SC05745A	27.00
	44	0.0860	3/4	1-3/4	SC05744	19.62	SC05744T	24.72	SC05744A	27.27
	43	0.0890	3/4	1-3/4	SC05743	19.80	SC05743T	24.90	SC05743A	27.44
	42	0.0935	3/4	1-3/4	SC05742	20.07	SC05742T	25.16	SC05742A	27.71
3/32		0.0938	3/4	1-3/4	SC05093	18.86	SC05093T	23.95	SC05093A	26.49
	41	0.0960	13/16	1-13/16	SC05741	20.44	SC05741T	25.54	SC05741A	28.08
	40	0.0980	13/16	1-13/16	SC05740	21.04	SC05740T	26.15	SC05740A	28.69
	39	0.0995	13/16	1-13/16	SC05739	21.04	SC05739T	26.15	SC05739A	28.69
	38	0.1015	13/16	1-13/16	SC05738	21.79	SC05738T	26.88	SC05738A	29.42
	37	0.1040	13/16	1-13/16	SC05737	22.00	SC05737T	27.09	SC05737A	29.63
	36	0.1065	13/16	1-13/16	SC05736	22.34	SC05736T	27.44	SC05736A	29.99
7/64		0.1094	13/16	1-13/16	SC05109	22.24	SC05109T	27.33	SC05109A	29.88
	35	0.1100	7/8	1-7/8	SC05735	22.62	SC05735T	27.71	SC05735A	30.25
	34	0.1110	7/8	1-7/8	SC05734	23.33	SC05734T	28.42	SC05734A	30.96
	33	0.1130	7/8	1-7/8	SC05733	23.44	SC05733T	28.53	SC05733A	31.08
	32	0.1160	7/8	1-7/8	SC05732	25.39	SC05732T	30.46	SC05732A	33.03
	31	0.1200	7/8	1-7/8	SC05731	23.78	SC05731T	28.86	SC05731A	31.43
1/8		0.1250	7/8	1-7/8	SC05125	22.69	SC05125T	27.78	SC05125A	30.33
	30	0.1285	15/16	1-15/16	SC05730	26.47	SC05730T	34.11	SC05730A	37.94
	29	0.1360	15/16	1-15/16	SC05729	26.94	SC05729T	34.59	SC05729A	38.41
	28	0.1405	15/16	1-15/16	SC05728	28.19	SC05728T	35.83	SC05728A	39.65
9/64		0.1406	15/16	1-15/16	SC05140	27.09	SC05140T	34.73	SC05140A	38.56
	27	0.1440	1"	2-1/16	SC05727	28.63	SC05727T	36.28	SC05727A	40.09
	26	0.1470	1"	2-1/16	SC05726	29.00	SC05726T	36.63	SC05726A	40.47
	25	0.1495	1"	2-1/16	SC05725	29.27	SC05725T	36.91	SC05725A	40.74
	24	0.1520	1"	2-1/16	SC05724	30.28	SC05724T	37.93	SC05724A	41.74
	23	0.1540	1"	2-1/16	SC05723	31.09	SC05723T	38.73	SC05723A	42.56
5/32		0.1562	1"	2-1/16	SC05156	28.40	SC05156T	36.04	SC05156A	39.86
	22	0.1570	1-1/16	2-1/8	SC05722	31.38	SC05722T	39.03	SC05722A	42.84
	21	0.1590	1-1/16	2-1/8	SC05721	32.11	SC05721T	39.74	SC05721A	43.56
	20	0.1610	1-1/16	2-1/8	SC05720	33.89	SC05720T	41.53	SC05720A	45.36
	19	0.1660	1-1/16	2-1/8	SC05719	36.21	SC05719T	43.86	SC05719A	47.68
	18	0.1695	1-1/16	2-1/8	SC05718	36.21	SC05718T	43.86	SC05718A	47.68
11/64		0.1719	1-1/16	2-1/8	SC05171	36.79	SC05171T	44.43	SC05171A	48.25
	17	0.1730	1-1/8	2-3/16	SC05717	36.79	SC05717T	44.43	SC05717A	48.25
	16	0.1770	1-1/8	2-3/16	SC05716	37.22	SC05716T	44.86	SC05716A	48.68
	15	0.1800	1-1/8	2-3/16	SC05715	37.42	SC05715T	45.06	SC05715A	48.88
	14	0.1820	1-1/8	2-3/16	SC05714	37.58	SC05714T	45.22	SC05714A	49.05
	13	0.1850	1-1/8	2-3/16	SC05713	38.29	SC05713T	45.93	SC05713A	49.76
3/16		0.1875	1-1/8	2-3/16	SC05187	33.57	SC05187T	41.21	SC05187A	45.03
	12	0.1890	1-1/8	2-3/16	SC05712	38.77	SC05712T	49.47	SC05712A	54.82
	11	0.1910	1-1/8	2-3/16	SC05711	39.40	SC05711T	50.09	SC05711A	55.43
	10	0.1935	1-1/8	2-3/16	SC05710	39.84	SC05710T	50.53	SC05710A	55.87
	9	0.1960	1-3/16	2-1/4	SC05709	40.77	SC05709T	51.46	SC05709A	56.82



**SOLID CARBIDE JOBBER DRILL - STRAIGHT FLUTE - FRACTIONAL  
FORETS - EN CARBURE - FRACTIONNEL**

**SC05**



**FRACTIONAL**

FRAC	NO	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
	8	0.1990	1-3/16	2-1/4	SC05708	41.64	SC05708T	52.33	SC05708A	57.69
	7	0.2010	1-3/16	2-1/4	SC05707	42.47	SC05707T	53.17	SC05707A	58.52
13/64		0.2031	1-3/16	2-1/4	SC05203	42.93	SC05203T	53.63	SC05203A	58.99
	6	0.2040	1-1/4	2-3/8	SC05706	44.64	SC05706T	55.34	SC05706A	60.68
	5	0.2055	1-1/4	2-3/8	SC05705	44.64	SC05705T	55.34	SC05705A	60.68
	4	0.2090	1-1/4	2-3/8	SC05704	45.27	SC05704T	55.97	SC05704A	61.31
	3	0.2130	1-1/4	2-3/8	SC05703	46.98	SC05703T	57.68	SC05703A	63.02
7/32		0.2188	1-1/4	2-3/8	SC05218	42.93	SC05218T	53.63	SC05218A	58.99
	2	0.2210	1-5/16	2-7/16	SC05702	48.44	SC05702T	59.13	SC05702A	64.48
	1	0.2280	1-5/16	2-7/16	SC05701	49.49	SC05701T	60.19	SC05701A	65.53
15/64		0.2344	1-5/16	2-7/16	SC05234	53.57	SC05234T	64.27	SC05234A	69.63
1/4		0.2500	1-3/8	2-1/2	SC05250	48.33	SC05250T	59.03	SC05250A	64.38
17/64		0.2656	1-7/16	2-5/8	SC05265	68.23	SC05265T	81.96	SC05265A	88.86
9/32		0.2812	1-1/2	2-11/16	SC05281	70.92	SC05281T	84.67	SC05281A	91.54
19/64		0.2969	1-9/16	2-3/4	SC05296	77.50	SC05296T	91.26	SC05296A	98.13
5/16		0.3125	1-5/8	2-13/16	SC05312	70.92	SC05312T	84.67	SC05312A	91.54
21/64		0.3281	1-11/16	2-15/16	SC05328	87.65	SC05328T	101.40	SC05328A	108.28
11/32		0.3438	1-11/16	3"	SC05343	97.10	SC05343T	110.87	SC05343A	117.75
23/64		0.3594	1-3/4	3-1/16	SC05359	106.93	SC05359T	120.68	SC05359A	127.56
3/8		0.3750	1-13/16	3-1/8	SC05375	113.02	SC05375T	128.78	SC05375A	133.64
25/64		0.3906	1-7/8	3-1/4	SC05390	121.59	SC05390T	140.45	SC05390A	149.87
13/32		0.4062	1-15/16	3-5/16	SC05406	134.70	SC05406T	153.54	SC05406A	162.97
27/64		0.4219	2"	3-3/8	SC05421	147.70	SC05421T	166.54	SC05421A	175.97
7/16		0.4375	2-1/16	3-7/16	SC05437	139.11	SC05437T	157.95	SC05437A	167.38
29/64		0.4531	2-1/8	3-9/16	SC05453	180.13	SC05453T	198.96	SC05453A	208.39
15/32		0.4688	2-1/8	3-5/8	SC05468	187.68	SC05468T	208.52	SC05468A	215.94
31/64		0.4844	2-3/16	3-11/16	SC05484	189.60	SC05484T	208.44	SC05484A	217.86
1/2		0.5000	2-1/4	3-3/4	SC05500	173.85	SC05500T	192.70	SC05500A	202.13

**SOLID CARBIDE JOBBER DRILL - STRAIGHT FLUTE - METRIC  
FORETS - EN CARBURE - METRIQUE**

**SC05**



**METRIC**

MM	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
2.00	0.0787	19.0	44.0	SC05820	19.64	SC05820T	24.73	SC05820A	27.28
3.00	0.1181	22.0	48.0	SC05830	24.96	SC05830T	30.05	SC05830A	32.60
4.00	0.1575	27.0	54.0	SC05840	33.27	SC05840T	40.92	SC05840A	44.73
5.00	0.1968	30.0	57.0	SC05850	42.72	SC05850T	53.41	SC05850A	58.76
5.50	0.2165	32.0	60.0	SC05855	48.51	SC05855T	59.21	SC05855A	64.55
6.00	0.2362	33.0	62.0	SC05860	54.77	SC05860T	65.47	SC05860A	70.81
6.50	0.2559	35.0	64.0	SC05865	61.17	SC05865T	74.94	SC05865A	81.81
7.00	0.2756	38.0	68.0	SC05870	71.59	SC05870T	85.34	SC05870A	92.21
7.50	0.2953	40.0	70.0	SC05875	78.54	SC05875T	92.31	SC05875A	99.17
8.00	0.3150	41.0	71.0	SC05880	88.92	SC05880T	102.69	SC05880A	109.56

**SOLID CARBIDE JOBBER DRILL - STRAIGHT FLUTE - METRIC**  
**FORETS - EN CARBURE - METRIQUE**

**SC05**



**METRIC**

MM	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
8.50	0.3346	43	76	SC05885	97.47	SC05885T	111.22	SC05885A	118.10
9.00	0.3543	44	78	SC05890	112.71	SC05890T	126.46	SC05890A	133.34
10.00	0.3937	48	83	SC05900	148.26	SC05900T	167.12	SC05900A	176.55
10.50	0.4134	51	86	SC05905	159.36	SC05905T	178.21	SC05905A	187.62
11.00	0.4331	52	87	SC05910	183.87	SC05910T	202.71	SC05910A	212.13
12.00	0.4724	54	92	SC05920	206.72	SC05920T	225.56	SC05920A	234.99

**CARBIDE TIPPED DIE DRILLS - STRAIGHT FLUTE**  
**FORETS A QUEUE CYLINDRIQUE - POINTE AU CARBURE**

**SC06**



**CT**

FRAC	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
1/16	0.0625	-	1-1/2	SC06004	29.93	SC06004T	39.68	SC06004A	43.08
5/64	0.0781	-	1-1/2	SC06005	29.93	SC06005T	39.68	SC06005A	43.08
3/32	0.0938	-	2"	SC06006	33.86	SC06006T	43.61	SC06006A	47.01
7/64	0.1094	-	2"	SC06007	33.86	SC06007T	43.61	SC06007A	47.01
1/8	0.1250	-	2"	SC06008	33.86	SC06008T	43.61	SC06008A	47.01
9/64	0.1406	-	2"	SC06009	36.15	SC06009T	45.90	SC06009A	49.30
5/32	0.1562	-	2"	SC06010	41.74	SC06010T	51.49	SC06010A	54.89
11/64	0.1719	1-1/2	3-1/2	SC06011	62.97	SC06011T	72.72	SC06011A	76.12
3/16	0.1875	1-1/2	3-1/2	SC06012	62.97	SC06012T	72.72	SC06012A	76.12
13/64	0.2031	1-3/4	3-3/4	SC06013	64.94	SC06013T	78.54	SC06013A	83.34
7/32	0.2188	1-3/4	3-3/4	SC06014	64.94	SC06014T	78.54	SC06014A	83.34
15/64	0.2344	2"	4"	SC06015	67.28	SC06015T	80.88	SC06015A	85.68
1/4	0.2500	2"	4"	SC06016	67.28	SC06016T	80.88	SC06016A	85.68
17/64	0.2656	2-1/4	4-1/4	SC06017	71.08	SC06017T	88.58	SC06017A	94.73
9/32	0.2812	2-1/4	4-1/4	SC06018	71.08	SC06018T	88.58	SC06018A	94.73
19/64	0.2969	2-1/2	4-1/2	SC06019	74.32	SC06019T	91.82	SC06019A	97.97
5/16	0.3125	2-1/2	4-1/2	SC06020	74.32	SC06020T	91.82	SC06020A	97.97
21/64	0.3281	2-3/4	4-3/4	SC06021	80.07	SC06021T	97.57	SC06021A	103.72
11/32	0.3438	2-3/4	4-3/4	SC06022	80.07	SC06022T	97.57	SC06022A	103.72
23/64	0.3594	3"	5"	SC06023	85.25	SC06023T	102.75	SC06023A	108.90
3/8	0.3750	3"	5"	SC06024	85.25	SC06024T	102.75	SC06024A	108.90
25/64	0.3906	3"	5-1/4	SC06025	99.43	SC06025T	123.48	SC06025A	131.88
13/32	0.4062	3"	5-1/4	SC06026	99.48	SC06026T	123.53	SC06026A	131.93
27/64	0.4219	3"	5-1/2	SC06027	115.53	SC06027T	139.58	SC06027A	147.98
7/16	0.4375	3"	5-1/2	SC06028	115.53	SC06028T	139.58	SC06028A	147.98
29/64	0.4531	3-1/4	5-3/4	SC06029	127.01	SC06029T	151.06	SC06029A	159.46
15/32	0.4688	3-1/4	5-3/4	SC06030	127.01	SC06030T	151.06	SC06030A	159.46
31/64	0.4844	3-1/2	6"	SC06031	148.88	SC06031T	172.93	SC06031A	181.33
1/2	0.5000	3-1/2	6"	SC06032	148.88	SC06032T	172.93	SC06032A	181.33
17/32	0.5312	3-1/2	6"	SC06034	179.77	SC06034T	216.72	SC06034A	229.67
9/16	0.5625	3-1/2	6"	SC06036	179.77	SC06036T	216.72	SC06036A	229.67
19/32	0.5938	4"	7"	SC06038	196.15	SC06038T	233.10	SC06038A	246.05



**CARBIDE TIPPED DIE DRILLS - STRAIGHT FLUTE**  
**FORETS A QUEUE CYLINDRIQUE - POINTE AU CARBURE**

**SC06**



**CT**

FRAC	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
5/8	0.6250	4"	7"	SC06040	196.15	SC06040T	233.10	SC06040A	246.05
21/32	0.6563	4-1/2	7-1/2	SC06042	206.62	SC06042T	259.12	SC06042A	277.52
11/16	0.6875	4-1/2	7-1/2	SC06044	212.42	SC06044T	264.92	SC06044A	283.32
23/32	0.7188	4-3/4	8"	SC06046	226.80	SC06046T	279.30	SC06046A	297.70
3/4	0.7500	4-3/4	8"	SC06048	228.78	SC06048T	281.28	SC06048A	299.68
13/16	0.8125	4-3/4	8"	SC06052	393.75	SC06052T	470.25	SC06052A	497.00
7/8	0.8750	4-3/4	8"	SC06056	409.50	SC06056T	488.00	SC06056A	512.75
15/16	0.9375	4-3/4	8"	SC06060	453.60	SC06060T	530.10	SC06060A	556.65
1"	1.0000	4-3/4	8"	SC06100	470.93	SC06100T	547.43	SC06100A	574.18

**SOLID CARBIDE JOBBER DRILL - 3 FLUTE**  
**FORETS A QUEUE CYLINDRIQUE - EN CARBURE - 3 CANNELURES**

**SC16**



**3 FLT**

FRAC	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	0.1250	1-1/4	2-1/4	SC16008	38.49	SC16008T	43.59	SC16008A	46.13
9/64	0.1406	1-3/8	2-1/2	SC16009	42.29	SC16009T	49.93	SC16009A	53.75
5/32	0.1562	1-3/8	2-1/2	SC16010	47.33	SC16010T	54.97	SC16010A	58.80
11/64	0.1719	1-5/8	2-3/4	SC16011	56.00	SC16011T	63.64	SC16011A	67.45
3/16	0.1875	1-5/8	2-3/4	SC16012	57.63	SC16012T	65.28	SC16012A	69.09
13/64	0.2031	1-3/4	3"	SC16013	66.06	SC16013T	76.76	SC16013A	82.10
7/32	0.2188	1-3/4	3"	SC16014	73.63	SC16014T	84.32	SC16014A	89.67
15/64	0.2344	2"	3-1/4	SC16015	83.43	SC16015T	94.14	SC16015A	99.49
1/4	0.2500	2"	3-1/4	SC16016	87.81	SC16016T	98.52	SC16016A	103.87
17/64	0.2656	2-1/8	3-1/2	SC16017	99.03	SC16017T	112.77	SC16017A	119.66
9/32	0.2812	2-1/8	3-1/2	SC16018	102.93	SC16018T	116.68	SC16018A	123.55
19/64	0.2969	2-3/8	3-3/4	SC16019	115.92	SC16019T	129.66	SC16019A	136.54
5/16	0.3125	2-3/8	3-3/4	SC16020	117.66	SC16020T	131.42	SC16020A	138.29
21/64	0.3281	2-1/2	4"	SC16021	127.48	SC16021T	141.23	SC16021A	148.11
11/32	0.3438	2-1/2	4"	SC16022	139.57	SC16022T	153.31	SC16022A	160.20
23/64	0.3594	2-1/2	4"	SC16023	156.05	SC16023T	169.80	SC16023A	176.67
3/8	0.3750	2-3/4	4-1/4	SC16024	159.82	SC16024T	173.58	SC16024A	180.44
25/64	0.3906	2-7/8	4-1/2	SC16025	161.57	SC16025T	180.41	SC16025A	189.84
13/32	0.4062	2-7/8	4-1/2	SC16026	203.87	SC16026T	222.71	SC16026A	232.13
27/64	0.4219	2-7/8	4-1/2	SC16027	211.28	SC16027T	230.13	SC16027A	239.55
7/16	0.4375	2-7/8	4-1/2	SC16028	222.87	SC16028T	241.71	SC16028A	251.14
29/64	0.4531	3"	4-3/4	SC16029	257.60	SC16029T	276.44	SC16029A	285.86
15/32	0.4688	3"	4-3/4	SC16030	249.85	SC16030T	268.71	SC16030A	278.11
31/64	0.4844	3"	4-3/4	SC16031	264.00	SC16031T	282.85	SC16031A	282.28
1/2	0.5000	3"	4-3/4	SC16032	268.66	SC16032T	287.52	SC16032A	296.95
17/32	0.5312	3"	4-3/4	SC16034	316.85	SC16034T	345.88	SC16034A	360.39
9/16	0.5625	3-1/2	5-3/4	SC16036	418.79	SC16036T	447.83	SC16036A	462.35
5/8	0.6250	3-1/2	5-3/4	SC16040	494.16	SC16040T	523.20	SC16040A	537.73
3/4	0.7500	4-1/4	5-3/4	SC16048	746.84	SC16048T	788.10	SC16048A	808.73

**CARBIDE TIPPED TAPER LENGTH DRILLS - REGULAR SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - POINTE AU CARBURE - SERIE LONGUE**

**SC15**



**CT**

**CARBIDE TOOLS**

FRAC	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
3/32	0.0938	2-5/8	5-1/8	SC15006	38.22	SC15006T	51.87	SC15006A	56.63
1/8	0.1250	2-3/4	5-1/8	SC15008	40.09	SC15008T	53.74	SC15008A	58.50
9/64	0.1406	3"	5-3/8	SC15009	40.09	SC15009T	53.74	SC15009A	58.50
5/32	0.1562	3"	5-3/8	SC15010	42.23	SC15010T	55.88	SC15010A	60.64
11/64	0.1719	3-3/8	5-3/4	SC15011	42.98	SC15011T	56.63	SC15011A	61.39
3/16	0.1875	3-3/8	5-3/4	SC15012	42.98	SC15012T	56.63	SC15012A	61.39
13/64	0.2031	3-5/8	6"	SC15013	45.44	SC15013T	64.48	SC15013A	71.20
7/32	0.2188	3-5/8	6"	SC15014	45.44	SC15014T	64.48	SC15014A	71.20
15/64	0.2344	3-3/4	6-1/8	SC15015	52.26	SC15015T	71.30	SC15015A	78.02
1/4	0.2500	3-3/4	6-1/8	SC15016	51.30	SC15016T	70.34	SC15016A	77.06
17/64	0.2656	3-7/8	6-1/4	SC15017	58.64	SC15017T	83.14	SC15017A	91.75
9/32	0.2812	3-7/8	6-1/4	SC15018	57.57	SC15018T	82.07	SC15018A	90.68
19/64	0.2969	4"	6-3/8	SC15019	63.28	SC15019T	87.78	SC15019A	96.39
5/16	0.3125	4"	6-3/8	SC15020	62.14	SC15020T	86.64	SC15020A	95.25
21/64	0.3281	4-1/8	6-1/2	SC15021	69.69	SC15021T	94.19	SC15021A	102.80
11/32	0.3438	4-1/8	6-1/2	SC15022	68.44	SC15022T	92.94	SC15022A	101.55
23/64	0.3594	4-1/4	6-3/4	SC15023	76.47	SC15023T	100.97	SC15023A	109.58
3/8	0.3750	4-1/4	6-3/4	SC15024	75.07	SC15024T	99.57	SC15024A	108.18
25/64	0.3906	4-3/8	7"	SC15025	84.20	SC15025T	117.87	SC15025A	129.63
13/32	0.4062	4-3/8	7"	SC15026	82.67	SC15026T	116.34	SC15026A	128.10
27/64	0.4219	4-5/8	7-1/4	SC15027	96.93	SC15027T	130.60	SC15027A	142.36
7/16	0.4375	4-5/8	7-1/4	SC15028	95.18	SC15028T	128.85	SC15028A	140.61
29/64	0.4531	4-3/4	7-1/2	SC15029	107.06	SC15029T	140.73	SC15029A	152.49
15/32	0.4688	4-3/4	7-1/2	SC15030	105.11	SC15030T	138.78	SC15030A	150.54
31/64	0.4844	4-3/4	7-1/2	SC15031	112.15	SC15031T	145.82	SC15031A	157.58
1/2	0.5000	4-3/4	7-3/4	SC15032	110.10	SC15032T	143.77	SC15032A	155.53
33/64	0.5156	4-3/4	8"	SC15033	144.49	SC15033T	196.22	SC15033A	214.35
17/32	0.5312	4-3/4	8"	SC15034	142.55	SC15034T	194.28	SC15034A	212.41
35/64	0.5469	4-7/8	8-1/4	SC15035	149.28	SC15035T	201.01	SC15035A	219.14
9/16	0.5625	4-7/8	8-1/4	SC15036	143.94	SC15036T	195.67	SC15036A	213.80
37/64	0.5781	4-7/8	8-3/4	SC15037	157.54	SC15037T	209.27	SC15037A	227.40
19/32	0.5938	4-7/8	8-3/4	SC15038	154.78	SC15038T	206.51	SC15038A	224.64
39/64	0.6094	4-7/8	8-3/4	SC15039	181.50	SC15039T	233.23	SC15039A	251.36
5/8	0.6250	4-7/8	8-3/4	SC15040	175.02	SC15040T	226.75	SC15040A	244.88
41/64	0.6406	5-1/8	9"	SC15041	188.28	SC15041T	261.78	SC15041A	287.54
21/32	0.6562	5-1/8	9"	SC15042	181.55	SC15042T	255.05	SC15042A	280.81
43/64	0.6719	5-3/8	9-1/4	SC15043	191.51	SC15043T	265.01	SC15043A	290.77
11/16	0.6875	5-3/8	9-1/4	SC15044	184.68	SC15044T	258.18	SC15044A	283.94
45/64	0.7031	5-5/8	9-1/2	SC15045	193.63	SC15045T	267.13	SC15045A	292.89
23/32	0.7188	5-5/8	9-1/2	SC15046	188.69	SC15046T	241.19	SC15046A	287.95
47/64	0.7344	5-7/8	9-3/4	SC15047	196.85	SC15047T	270.35	SC15047A	296.11
3/4	0.7500	5-7/8	9-3/4	SC15048	192.85	SC15048T	228.49	SC15048A	292.11
49/64	0.7656	6"	9-3/4	SC15049	216.87	SC15049T	323.97	SC15049A	361.42
25/32	0.7812	6"	9-7/8	SC15050	208.77	SC15050T	315.87	SC15050A	353.32
51/64	0.7969	6"	9-7/8	SC15051	209.78	SC15051T	316.88	SC15051A	354.33
13/16	0.8125	6-1/8	10"	SC15052	209.78	SC15052T	316.88	SC15052A	354.33
53/64	0.8281	6-1/8	10"	SC15053	217.80	SC15053T	324.90	SC15053A	362.35
27/32	0.8438	6-1/8	10"	SC15054	209.78	SC15054T	316.88	SC15054A	354.33
55/64	0.8594	6-1/8	10"	SC15055	230.03	SC15055T	337.13	SC15055A	374.58

**OUTILS EN CARBURE**



**CARBIDE TIPPED TAPER LENGTH DRILLS - REGULAR SPIRAL**  
**FORETS A QUEUE CYLINDRIQUE - POINTE AU CARBURE - SERIE LONGUE**

**SC15**



**CT**

FRAC	DEC	FLT LG FR	LENGTH LONGEUR	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
7/8	0.8750	6-1/8	10"	SC15056	221.75	SC15056T	328.85	SC15056A	366.30
57/64	0.8906	6-1/8	10"	SC15057	238.02	SC15057T	345.12	SC15057A	382.57
29/32	0.9063	6-1/8	10"	SC15058	229.44	SC15058T	338.54	SC15058A	373.99
59/64	0.9219	6-1/8	10-3/4	SC15059	238.96	SC15059T	346.06	SC15059A	383.51
15/16	0.9375	6-1/8	10-3/4	SC15060	232.73	SC15060T	339.83	SC15060A	377.28
61/64	0.9531	6-3/8	11"	SC15061	251.66	SC15061T	358.76	SC15061A	396.21
31/32	0.9688	6-3/8	11"	SC15062	243.74	SC15062T	350.84	SC15062A	388.29
63/64	0.9844	6-3/8	11"	SC15063	258.01	SC15063T	365.11	SC15063A	402.56
1"	1.0000	6-3/8	11"	SC15100	251.37	SC15100T	358.47	SC15100A	395.92

**SOLID CARBIDE COUNTERSINKS**  
**FRAISES CONIQUES - EN CARBURE**

**SC08-09-10**



DIA	ANGLE	SHANK QUEUE	LENGTH LONGEUR	1 FLUTE 1 DENT	\$EA \$CH	3 FLUTE 3 DENT	\$EA \$CH	6 FLUTE 6 DENT	\$EA \$CH
1/8	90°	1/8	1-1/2	SC08125	14.25	SC09125	19.08	SC10125	19.30
1/8	82°	1/8	1-1/2	SC08126	14.25	SC09126	19.08	SC10126	19.30
1/8	60°	1/8	1-1/2	SC08127	14.25	SC09127	19.08	SC10127	19.30
3/16	90°	3/16	2"	SC08187	21.29	SC09187	22.87	SC10187	23.06
3/16	82°	3/16	2"	SC08188	21.29	SC09188	22.87	SC10188	23.06
3/16	60°	3/16	2"	SC08189	21.29	SC09189	22.87	SC10189	23.06
1/4	90°	1/4	2"	SC08250	23.70	SC09250	26.34	SC10250	26.83
1/4	82°	1/4	2"	SC08251	23.70	SC09251	26.34	SC10251	26.83
1/4	60°	1/4	2"	SC08252	23.70	SC09252	26.34	SC10252	26.83
3/8	90°	1/4	2-13/16	SC08375	46.45	SC09375	43.13	SC10375	43.28
3/8	82°	1/4	2-13/16	SC08376	46.45	SC09376	43.13	SC10376	43.28
3/8	60°	1/4	2-13/16	SC08377	46.45	SC09377	43.13	SC10377	43.28
1/2	90°	1/4	2-7/8	SC08500	64.38	SC09500	46.89	SC10500	64.00
1/2	82°	1/4	2-7/8	SC08501	64.38	SC09501	46.89	SC10501	64.00
1/2	60°	1/4	2-7/8	SC08502	64.38	SC09502	46.89	SC10502	64.00
5/8	90°	3/8	3"	SC08625	84.88	SC09625	59.36	SC10625	80.97
5/8	82°	3/8	3"	SC08626	84.88	SC09626	59.36	SC10626	80.97
5/8	60°	3/8	3"	SC08627	84.88	SC09627	59.36	SC10627	80.97
3/4	90°	1/2	3"	SC08750	120.45	SC09750	79.89	SC10750	124.69
3/4	82°	1/2	3"	SC08751	120.45	SC09751	79.89	SC10751	124.69
3/4	60°	1/2	3"	SC08752	120.45	SC09752	79.89	SC10752	124.69
1"	90°	1/2	3-1/4	SC08900	196.98	SC09900	113.59	SC10900	168.90
1"	82°	1/2	3-1/4	SC08901	196.98	SC09901	113.59	SC10901	168.90
1"	60°	1/2	3-1/4	SC08902	196.98	SC09902	113.59	SC10902	168.90

**SOLID CARBIDE CENTER DRILL (COMBINED DRILL & COUNTERSINK)  
FORETS A CENTRER - EN CARBURE**

**SC07**



NO	SM DIA MIN	LG DIA MAX	LENGTH	CODE	\$ EA
00	0.025	1/8	1-1/2	SC07C10	32.42
0	1/32	1/8	1-1/2	SC07C00	29.13
1	3/64	1/8	1-1/2	SC07C01	27.33
2	5/64	3/16	1-7/8	SC07C02	41.81

NO	SM DIA MIN	LG DIA MAX	LENGTH	CODE	\$ EA
3	7/64	1/4	2"	SC07003	47.61
4	1/8	5/16	2-1/8	SC07004	64.90
5	3/16	7/16	2-3/4	SC07005	96.81
6	7/32	1/2	3"	SC07006	139.29

**CARBIDE TIPPED DRILL FOR GLASS AND TILE  
FORETS POUR VERRE ET TUILE - POINTE AU CARBURE**

**SC02**



SIZE	OVERALL LENGTH	CODE	\$ EA
1/8	2-1/2	SC02C08	15.12
5/32	2-1/2	SC02C10	16.07
3/16	2-1/2	SC02C12	17.33
1/4	2-1/2	SC02C16	18.90

SIZE	OVERALL LENGTH	CODE	\$ EA
5/16	2-1/2	SC02020	21.23
3/8	3"	SC02024	30.87
1/2	3"	SC02032	35.91

**SOLID CARBIDE CHUCKING REAMER  
ALESOIRS EN BOUT - EN CARBURE**

**SC80**



FRAC	NO	DEC	FLUTE	LENGTH	CODE	\$ EA
3/64	#56	0.0450	3/8	1-1/2	SC80756	45.01
		0.0469	3/8	1-1/2	SC80C46	45.01
	#55	0.0520	3/8	1-1/2	SC80755	45.01
1/16	#54	0.0550	3/8	1-1/2	SC80754	45.85
	#53	0.0595	3/8	1-1/2	SC80753	45.85
		0.0625	3/8	1-1/2	SC80C62	37.96
5/64	#52	0.0635	3/8	1-1/2	SC80752	45.85
	#51	0.0670	1/2	1-3/4	SC80751	47.32
	#50	0.0700	1/2	1-3/4	SC80750	47.32
3/32	#49	0.0730	1/2	1-3/4	SC80749	47.32
	#48	0.0760	1/2	1-3/4	SC80748	47.32
		0.0781	1/2	1-3/4	SC80C78	39.63
3/32	#47	0.0785	1/2	1-3/4	SC80747	47.32
	#46	0.0810	1/2	2"	SC80746	48.16
	#45	0.0820	1/2	2"	SC80745	48.16
3/32	#44	0.0860	1/2	2"	SC80744	48.16
	#43	0.0890	1/2	2"	SC80743	48.16
		0.0935	1/2	2"	SC80742	48.16
3/32		0.0938	1/2	2"	SC80C93	41.27
	#41	0.0960	5/8	2-1/4	SC80741	48.78
	#40	0.0980	5/8	2-1/4	SC80740	48.78
	#39	0.0995	5/8	2-1/4	SC80739	48.78

FRAC	NO	DEC	FLUTE	LENGTH	CODE	\$ EA
7/64	#38	0.1015	5/8	2-1/4	SC80738	48.78
	#37	0.1040	5/8	2-1/4	SC80737	48.78
	#36	0.1065	5/8	2-1/4	SC80736	48.78
1/8		0.1094	5/8	2-1/4	SC80109	43.34
	#35	0.1100	5/8	2-1/4	SC80735	48.78
	#34	0.1110	5/8	2-1/4	SC80734	48.78
1/8	#33	0.1130	5/8	2-1/4	SC80733	48.78
	#32	0.1160	5/8	2-1/4	SC80732	49.83
	#31	0.1200	5/8	2-1/4	SC80731	49.83
9/64		0.1250	5/8	2-1/4	SC80125	44.99
	#30	0.1285	5/8	2-1/4	SC80730	49.83
	#29	0.1360	3/4	2-1/2	SC80729	52.76
9/64	#28	0.1405	3/4	2-1/2	SC80728	52.76
		0.1406	3/4	2-1/2	SC80140	47.38
	#27	0.1440	3/4	2-1/2	SC80727	52.76
5/32	#26	0.1470	3/4	2-1/2	SC80726	52.76
	#25	0.1495	3/4	2-1/2	SC80725	52.76
	#24	0.1520	3/4	2-1/2	SC80724	52.76
5/32		0.1405	3/4	2-1/2	SC80723	52.76
	#23	0.1405	3/4	2-1/2	SC80723	52.76
		0.1562	3/4	2-1/2	SC80156	54.53
5/32	#22	0.1570	3/4	2-1/2	SC80722	54.53
	#21	0.1590	3/4	2-1/2	SC80721	54.53



**SOLID CARBIDE CHUCKING REAMER  
ALESOIRS EN BOUT - EN CARBURE**

**SC80**



**CARBIDE TOOLS**

FRAC	NO	DEC	FLUTE	LENGTH	CODE	\$ EA
	#20	0.1610	7/8	2-3/4	SC80720	57.79
	#19	0.1660	7/8	2-3/4	SC80719	57.79
	#18	0.1695	7/8	2-3/4	SC80718	57.79
11/64		0.1719	7/8	2-3/4	SC80171	57.92
	#17	0.1730	7/8	2-3/4	SC80717	57.92
	#16	0.1770	7/8	2-3/4	SC80716	62.18
	#15	0.1800	7/8	2-3/4	SC80715	62.18
	#14	0.1820	7/8	2-3/4	SC80714	62.18
	#13	0.1850	7/8	2-3/4	SC80713	62.18
3/16		0.1875	7/8	2-3/4	SC80187	63.84
	#12	0.1890	7/8	2-3/4	SC80712	63.84
	#11	0.1910	7/8	2-3/4	SC80711	63.84
	#10	0.1935	7/8	2-3/4	SC80710	63.84
	#9	0.1960	1"	3"	SC80709	69.30
	#8	0.1990	1"	3"	SC80708	69.30
	#7	0.2010	1"	3"	SC80707	69.30
13/64		0.2031	1"	3"	SC80203	67.66
	#6	0.2040	1"	3"	SC80706	69.30
	#5	0.2055	1"	3"	SC80705	69.30
	#4	0.2090	1"	3"	SC80704	69.30
	#3	0.2130	1"	3"	SC80703	69.30
7/32		0.2188	1"	3"	SC80218	75.72
	#2	0.2210	1"	3"	SC80702	75.72
	#1	0.2280	1"	3"	SC80701	75.72
	A	0.2340	1"	3"	SC80601	75.72
15/64		0.2344	1"	3"	SC80234	81.62
	B	0.2380	1"	3"	SC80602	81.62
	C	0.2420	1"	3"	SC80603	81.62
	D	0.2460	1"	3"	SC80604	81.62
1/4		0.2500	1"	3"	SC80250	90.60
	F	0.2570	1-1/8	3-1/4	SC80606	90.60
	G	0.2610	1-1/8	3-1/4	SC80607	90.60
17/64		0.2656	1-1/8	3-1/4	SC80265	110.68
	H	0.2660	1-1/8	3-1/4	SC80608	110.68

FRAC	NO	DEC	FLUTE	LENGTH	CODE	\$ EA
	I	0.2720	1-1/8	3-1/4	SC80609	110.68
	J	0.2770	1-1/8	3-1/4	SC80610	110.68
	K	0.2810	1-1/8	3-1/4	SC80611	110.68
9/32		0.2812	1-1/8	3-1/4	SC80281	113.36
	L	0.2950	1-1/8	3-1/4	SC80612	113.36
	M	0.2969	1-1/8	3-1/4	SC80613	113.36
19/64		0.3030	1-1/8	3-1/4	SC80296	121.45
	N	0.3125	1-1/8	3-1/4	SC80614	121.45
5/16		0.3160	1-1/8	3-1/4	SC80312	124.11
	O	0.3230	1-1/8	3-1/4	SC80615	124.11
	P	0.3281	1-1/4	3-1/2	SC80616	124.11
21/64		0.3320	1-1/4	3-1/2	SC80328	136.27
	Q	0.3390	1-1/4	3-1/2	SC80617	136.27
	R	0.3436	1-1/4	3-1/2	SC80618	136.27
11/32		0.3480	1-1/4	3-1/2	SC80343	137.03
	S	0.3580	1-1/4	3-1/2	SC80619	137.03
	T	0.3580	1-1/4	3-1/2	SC80620	137.03
23/64		0.3594	1-1/4	3-1/2	SC80359	139.32
	U	0.3680	1-1/4	3-1/2	SC80621	139.32
3/8		0.3750	1-1/4	3-1/2	SC80375	150.79
	V	0.3770	1-1/4	3-1/2	SC80622	150.79
	W	0.3860	1-1/4	3-1/2	SC80623	150.79
25/64		0.3906	1-1/4	3-1/2	SC80390	150.79
	X	0.3970	1-1/4	3-1/2	SC80624	150.79
	Y	0.4040	1-1/4	3-1/2	SC80625	150.79
13/32		0.4062	1-1/4	3-1/2	SC80406	150.79
	Z	0.4130	1-1/4	3-1/2	SC80626	150.79
27/64		0.4219	1-3/8	3-3/4	SC80421	164.36
7/16		0.4375	1-3/8	3-3/4	SC80437	164.36
29/64		0.4531	1-3/8	3-3/4	SC80453	194.72
15/32		0.4688	1-3/8	3-3/4	SC80468	194.72
31/64		0.4844	1-1/2	4"	SC80484	219.01
1/2		0.5000	1-1/2	4"	SC80500	219.01

**OUTILS EN CARBURE**

**SOLID CARBIDE END MILL - SQUARE END - 2 FLUTE**  
**FRAISES EN BOUT - EN CARBURE - 2 CANNELURES**

**SC20**



**2 FLT SE**

**CARBIDE TOOLS**

**OUTILS EN CARBURE**

FRAC	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIIN CODE	TIIN \$ EA
1/32	1/8	5/64	1-1/2	2	SC20031	24.92	SC20031T	27.05	SC20031A	29.76
3/64	1/8	7/64	1-1/2	2	SC20046	24.92	SC20046T	27.05	SC20046A	29.76
1/16	1/8	3/16	1-1/2	2	SC20062	20.34	SC20062T	22.47	SC20062A	24.72
5/64	1/8	3/16	1-1/2	2	SC20078	20.34	SC20078T	22.47	SC20078A	24.72
3/32	1/8	9/32	1-1/2	2	SC20093	20.34	SC20093T	23.23	SC20093A	25.55
7/64	1/8	3/8	1-1/2	2	SC20109	20.34	SC20109T	23.23	SC20109A	25.55
1/8	1/8	1/2	1-1/2	2	SC20125	20.34	SC20125T	23.23	SC20125A	25.55
9/64	3/16	1/2	2"	2	SC20140	27.94	SC20140T	30.64	SC20140A	33.70
5/32	3/16	1/2	2"	2	SC20156	27.94	SC20156T	30.64	SC20156A	33.70
11/64	3/16	5/8	2"	2	SC20171	28.71	SC20171T	31.43	SC20171A	34.57
3/16	3/16	5/8	2"	2	SC20187	28.71	SC20187T	31.43	SC20187A	34.57
13/64	1/4	5/8	2-1/2	2	SC20203	35.20	SC20203T	41.95	SC20203A	46.15
7/32	1/4	5/8	2-1/2	2	SC20218	35.20	SC20218T	41.95	SC20218A	46.15
15/64	1/4	3/4	2-1/2	2	SC20234	36.81	SC20234T	44.93	SC20234A	49.42
1/4	1/4	3/4	2-1/2	2	SC20250	36.81	SC20250T	44.93	SC20250A	49.42
17/64	5/16	3/4	2-1/2	2	SC20265	39.84	SC20265T	46.02	SC20265A	50.62
9/32	5/16	3/4	2-1/2	2	SC20281	39.84	SC20281T	46.02	SC20281A	50.62
19/64	5/16	13/16	2-1/2	2	SC20296	41.48	SC20296T	54.02	SC20296A	59.42
5/16	5/16	13/16	2-1/2	2	SC20312	41.48	SC20312T	54.02	SC20312A	59.42
21/64	3/8	1"	2-1/2	2	SC20328	52.51	SC20328T	66.27	SC20328A	72.90
11/32	3/8	1"	2-1/2	2	SC20343	52.51	SC20343T	66.27	SC20343A	72.90
23/64	3/8	1"	2-1/2	2	SC20359	52.51	SC20359T	66.27	SC20359A	72.90
3/8	3/8	1"	2-1/2	2	SC20375	52.51	SC20375T	66.27	SC20375A	72.90
25/64	7/16	1"	2-3/4	2	SC20390	77.15	SC20390T	96.00	SC20390A	105.60
13/32	7/16	1"	2-3/4	2	SC20406	77.15	SC20406T	96.00	SC20406A	105.60
27/64	7/16	1"	2-3/4	2	SC20421	77.15	SC20421T	96.00	SC20421A	105.60
7/16	7/16	1"	2-3/4	2	SC20437	77.15	SC20437T	96.00	SC20437A	105.60
29/64	1/2	1"	3"	2	SC20453	89.67	SC20453T	108.52	SC20453A	119.37
15/32	1/2	1"	3"	2	SC20468	89.67	SC20468T	108.52	SC20468A	119.37
31/64	1/2	1"	3"	2	SC20484	89.67	SC20484T	108.52	SC20484A	119.37
1/2	1/2	1"	3"	2	SC20500	89.67	SC20500T	108.52	SC20500A	119.37
9/16	9/16	1-1/8	3-1/2	2	SC20562	151.98	SC20562T	175.16	SC20562A	192.68
5/8	5/8	1-1/4	3-1/2	2	SC20625	170.09	SC20625T	194.23	SC20625A	213.65
11/16	3/4	1-3/8	4"	2	SC20687	251.11	SC20687T	272.34	SC20687A	299.57
3/4	3/4	1-1/2	4"	2	SC20750	251.11	SC20750T	282.00	SC20750A	310.20
7/8	7/8	1-1/2	4"	2	SC20875	434.85	SC20875T	469.61	SC20875A	516.57
1"	1"	1-1/2	4"	2	SC20900	444.83	SC20900T	483.47	SC20900A	531.82



**SOLID CARBIDE END MILL - BALL END - 2 FLUTE**  
**FRAISES EN BOUT-A BOUT SPHERIQUE - EN CARBURE - 2 CANNELURES**

**SC23**



**2 FLT BE**

FRAC	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
1/32	1/8	5/64	1-1/2	2	SC23031	29.91	SC23031T	31.85	SC23031A	32.81
3/64	1/8	7/64	1-1/2	2	SC23046	29.91	SC23046T	31.85	SC23046A	32.81
1/16	1/8	3/16	1-1/2	2	SC23062	24.40	SC23062T	27.30	SC23062A	28.46
5/64	1/8	3/16	1-1/2	2	SC23078	24.40	SC23078T	25.37	SC23078A	25.95
3/32	1/8	9/32	1-1/2	2	SC23093	24.40	SC23093T	26.53	SC23093A	27.70
7/64	1/8	3/8	1-1/2	2	SC23109	24.40	SC23109T	26.53	SC23109A	27.70
1/8	1/8	1/2	1-1/2	2	SC23125	24.40	SC23125T	27.70	SC23125A	28.85
9/64	3/16	1/2	2"	2	SC23140	30.16	SC23140T	34.60	SC23140A	36.54
5/32	3/16	1/2	2"	2	SC23156	33.53	SC23156T	37.40	SC23156A	39.32
11/64	3/16	5/8	2"	2	SC23171	34.57	SC23171T	38.43	SC23171A	40.36
3/16	3/16	5/8	2"	2	SC23187	34.57	SC23187T	39.40	SC23187A	41.14
13/64	1/4	5/8	2-1/2	2	SC23203	42.08	SC23203T	48.46	SC23203A	51.73
7/32	1/4	5/8	2-1/2	2	SC23218	42.08	SC23218T	49.04	SC23218A	51.73
15/64	1/4	3/4	2-1/2	2	SC23234	44.23	SC23234T	51.86	SC23234A	55.69
1/4	1/4	3/4	2-1/2	2	SC23250	44.23	SC23250T	51.77	SC23250A	54.26
17/64	5/16	3/4	2-1/2	2	SC23265	46.98	SC23265T	60.72	SC23265A	67.61
9/32	5/16	3/4	2-1/2	2	SC23281	46.98	SC23281T	51.81	SC23281A	54.69
19/64	5/16	13/16	2-1/2	2	SC23296	49.83	SC23296T	63.59	SC23296A	70.47
5/16	5/16	13/16	2-1/2	2	SC23312	49.83	SC23312T	58.91	SC23312A	62.38
21/64	3/8	1"	2-1/2	2	SC23328	62.57	SC23328T	76.32	SC23328A	83.19
11/32	3/8	1"	2-1/2	2	SC23343	63.02	SC23343T	69.41	SC23343A	72.68
23/64	3/8	1"	2-1/2	2	SC23359	63.02	SC23359T	76.78	SC23359A	83.64
3/8	3/8	1"	2-1/2	2	SC23375	63.02	SC23375T	72.48	SC23375A	75.97
25/64	7/16	1"	2-3/4	2	SC23390	92.67	SC23390T	111.53	SC23390A	120.95
13/32	7/16	1"	2-3/4	2	SC23406	92.67	SC23406T	101.18	SC23406A	105.42
27/64	7/16	1"	2-3/4	2	SC23421	92.67	SC23421T	111.53	SC23421A	120.95
7/16	7/16	1"	2-3/4	2	SC23437	92.67	SC23437T	105.42	SC23437A	110.84
29/64	1/2	1"	3"	2	SC23453	107.60	SC23453T	126.44	SC23453A	135.87
15/32	1/2	1"	3"	2	SC23468	107.60	SC23468T	126.44	SC23468A	135.87
31/64	1/2	1"	3"	2	SC23484	107.60	SC23484T	126.44	SC23484A	135.87
1/2	1/2	1"	3"	2	SC23500	107.60	SC23500T	118.23	SC23500A	123.44
9/16	9/16	1-1/8	3-1/2	2	SC23562	162.42	SC23562T	195.36	SC23562A	201.73
5/8	5/8	1-1/4	3-1/2	2	SC23625	204.12	SC23625T	225.35	SC23625A	233.09
11/16	3/4	1-3/8	4"	2	SC23687	301.39	SC23687T	322.63	SC23687A	332.28
3/4	3/4	1-1/2	4"	2	SC23750	301.39	SC23750T	316.85	SC23750A	324.57
7/8	7/8	1-1/2	4"	2	SC23875	521.90	SC23875T	548.95	SC23875A	562.46
1"	1"	1-1/2	4"	2	SC23900	533.81	SC23900T	566.63	SC23900A	578.21

CARBIDE TOOLS

OUTILS EN CARBURE

**SOLID CARBIDE MINIATURE END MILL - 2 FLUTE**  
**FRAISES EN BOUT - EN CARBURE - MINIATURE - 2 CANNELURES**

**SC55**



**2 FLT**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA		
0.015	1/8	0.0470	1-1/2	2	SC55015	50.80		
0.020	1/8	0.0630	1-1/2	2	SC55020	45.06		
0.025	1/8	0.0780	1-1/2	2	SC55025	38.34		
0.030	1/8	0.0940	1-1/2	2	SC55030	26.32		
0.035	1/8	0.1090	1-1/2	2	SC55035	22.29		
0.040	1/8	0.1250	1-1/2	2	SC55040	22.29		
0.045	1/8	0.1400	1-1/2	2	SC55045	22.29		
0.050	1/8	0.1560	1-1/2	2	SC55050	23.11		
0.055	1/8	0.1710	1-1/2	2	SC55055	24.24		

**SOLID CARBIDE END MILL - SQUARE END - LONG SERIES - 2 FLUTE**  
**FRAISES EN BOUT- EN CARBURE - SERIE LONGUE - 2 CANNELURES**

**SC26**



**2 FLT \$E LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
1/8	1/8	3/4	2-1/4	2	SC26125	32.39	SC26125T	36.26	SC26125A	39.89
3/16	3/16	3/4	2-1/2	2	SC26187	37.17	SC26187T	40.26	SC26187A	44.29
1/4	1/4	1-1/8	3"	2	SC26250	46.03	SC26250T	50.66	SC26250A	55.73
5/16	5/16	1-1/8	3"	2	SC26312	72.24	SC26312T	84.41	SC26312A	92.85
3/8	3/8	1-1/8	3"	2	SC26375	72.24	SC26375T	78.99	SC26375A	86.89
7/16	7/16	2"	4"	2	SC26437	114.59	SC26437T	133.89	SC26437A	147.28
1/2	1/2	2"	4"	2	SC26500	130.08	SC26500T	152.87	SC26500A	167.94
5/8	5/8	2-1/4	5"	2	SC26625	243.86	SC26625T	270.91	SC26625A	298.00
3/4	3/4	2-1/4	5"	2	SC26750	315.97	SC26750T	348.80	SC26750A	383.68
1"	1"	2-1/4	5"	2	SC26900	633.20	SC26900T	676.84	SC26900A	744.52

**SOLID CARBIDE END MILL - BALL END - LONG SERIES - 2 FLUTE**  
**FRAISES EN BOUT- A BOUT SPHERIQUE - EN CARBURE - SERIE LONGUE - 2 CANNELURES**

**SC28**



**2 FLT BE LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
1/8	1/8	3/4	2-1/4	2	SC28125	38.87	SC28125T	41.00	SC28125A	41.96
3/16	3/16	3/4	2-1/2	2	SC28187	44.58	SC28187T	47.09	SC28187A	48.45
1/4	1/4	1-1/8	3"	2	SC28250	55.25	SC28250T	61.61	SC28250A	64.88
5/16	5/16	1-1/8	3"	2	SC28312	68.45	SC28312T	75.60	SC28312A	78.50
3/8	3/8	1-1/8	3"	2	SC28375	86.72	SC28375T	92.89	SC28375A	95.99
7/16	7/16	2"	4"	2	SC28437	137.41	SC28437T	150.74	SC28437A	155.38
1/2	1/2	2"	4"	2	SC28500	156.20	SC28500T	168.44	SC28500A	171.64
5/8	5/8	2-1/4	5"	2	SC28625	292.68	SC28625T	313.93	SC28625A	321.66
3/4	3/4	2-1/4	5"	2	SC28750	379.13	SC28750T	402.32	SC28750A	415.83
1"	1"	2-1/4	5"	2	SC28900	759.84	SC28900T	790.73	SC28900A	808.12



**SOLID CARBIDE END MILL - SQUARE END - EXTRA LONG SERIES - 2 FLUTE**  
**FRAISES EN BOUT- EN CARBURE - SERIE EXTRA LONGUE - 2 CANNELURES**

**SC30**



**2 FLT XL SE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	1/8	1"	3"	2	SC30125	37.89	SC30125T	40.98	SC30125A	45.08
3/16	3/16	1-1/8	3"	2	SC30187	44.57	SC30187T	48.63	SC30187A	53.49
1/4	1/4	1-1/2	4"	2	SC30250	55.25	SC30250T	60.85	SC30250A	66.94
5/16	5/16	1-5/8	4"	2	SC30312	68.45	SC30312T	78.10	SC30312A	85.91
3/8	3/8	1-3/4	4"	2	SC30375	93.62	SC30375T	109.07	SC30375A	119.98
7/16	7/16	3"	6"	2	SC30437	164.30	SC30437T	175.90	SC30437A	193.49
1/2	1/2	3"	6"	2	SC30500	215.85	SC30500T	239.22	SC30500A	263.14
5/8	5/8	3"	6"	2	SC30625	355.01	SC30625T	385.91	SC30625A	424.50
3/4	3/4	3"	6"	2	SC30750	444.30	SC30750T	482.93	SC30750A	531.22
1"	1"	3"	6"	2	SC30900	709.07	SC30900T	759.27	SC30900A	835.20

**SOLID CARBIDE END MILL - BALL END - EXTRA LONG SERIES - 2 FLUTE**  
**FRAISES EN BOUT- A BOUT SPHERIQUE - EN CARBURE - SERIE EXTRA LONGUE - 2 CANNELURES**

**SC32**



**2 FLT BE XL**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	1/8	1"	3"	2	SC32125	49.69	SC32125T	52.01	SC32125A	53.16
3/16	3/16	1-1/8	3"	2	SC32187	54.58	SC32187T	60.18	SC32187A	62.87
1/4	1/4	1-1/2	4"	2	SC32250	66.30	SC32250T	70.75	SC32250A	73.06
5/16	5/16	1-5/8	4"	2	SC32312	80.97	SC32312T	88.68	SC32312A	92.56
3/8	3/8	1-3/4	4"	2	SC32375	112.43	SC32375T	126.18	SC32375A	133.06
7/16	7/16	3"	6"	2	SC32437	197.17	SC32437T	211.27	SC32437A	218.40
1/2	1/2	3"	6"	2	SC32500	259.06	SC32500T	272.00	SC32500A	278.36
5/8	5/8	3"	6"	2	SC32625	426.29	SC32625T	445.61	SC32625A	457.19
3/4	3/4	3"	6"	2	SC32750	533.20	SC32750T	552.51	SC32750A	564.09
1"	1"	3"	6"	2	SC32900	850.89	SC32900T	889.52	SC32900A	910.78

**SOLID CARBIDE END MILL - EXTENDED LENGTH - BALL END - 2 FLUTE**  
**FRAISES EN BOUT- A BOUT SPHERIQUE - EN CARBURE - EXTENSION - 2 CANNELURES**

**SC57**



**2 FLT EL BE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	1/8	3/16	2-1/2	2	SC57125	37.68	SC57125T	42.78	SC57125A	45.33
3/16	3/16	9/32	4"	2	SC57187	62.61	SC57187T	70.26	SC57187A	74.08
1/4	1/4	3/8	4"	2	SC57250	91.42	SC57250T	102.11	SC57250A	107.46
5/16	5/16	15/32	4"	2	SC57312	116.16	SC57312T	129.91	SC57312A	136.78
3/8	3/8	9/16	4"	2	SC57375	121.09	SC57375T	134.83	SC57375A	141.72
7/16	7/16	21/32	5"	2	SC57437	197.91	SC57437T	216.75	SC57437A	226.18
1/2	1/2	3/4	5"	2	SC57500	250.28	SC57500T	269.13	SC57500A	278.54
9/16	9/16	27/32	5"	2	SC57562	367.30	SC57562T	396.33	SC57562A	410.85
5/8	5/8	15/16	6"	2	SC57625	406.55	SC57625T	435.57	SC57625A	450.09
3/4	3/4	1-1/8	6"	2	SC57750	507.33	SC57750T	548.58	SC57750A	569.23

**SOLID CARBIDE FC3 CUTTER - 3 FLUTE**  
**FRAISES EN BOUT - EN CARBURE - FC3 - 3 CANNELURES**

**SC60**



**3 FLT**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
<i>Short Length - Serie Courte</i>										
1/8	1/4	7/16	1-1/32	3	SC60008	45.28	SC60008T	50.37	SC60008A	52.92
5/32	1/4	1/2	1-9/32	3	SC60010	49.07	SC60010T	56.70	SC60010A	60.51
3/16	1/4	17/32	1-11/32	3	SC60012	52.50	SC60012T	60.14	SC60012A	63.96
7/32	1/4	17/32	1-13/32	3	SC60014	52.50	SC60014T	63.20	SC60014A	68.54
1/4	1/4	19/32	1-13/32	3	SC60016	52.50	SC60016T	63.20	SC60016A	68.54
<i>Long Series - Serie Longue</i>										
1/8	1/4	9/16	1-11/32	3	SC60208	50.27	SC60208T	55.37	SC60208A	57.92
5/32	1/4	5/8	1-17/32	3	SC60210	53.79	SC60210T	61.44	SC60210A	65.26
3/16	1/4	11/16	1-21/32	3	SC60212	58.08	SC60212T	65.72	SC60212A	69.53
7/32	1/4	11/16	1-3/4	3	SC60214	59.71	SC60214T	70.40	SC60214A	75.76
1/4	1/4	13/16	1-3/4	3	SC60216	59.71	SC60216T	70.40	SC60216A	75.76

**SOLID CARBIDE END MILL - SQUARE END - 2 FLUTE - METRIC**  
**FRAISES EN BOUT - EN CARBURE - 2 CANNELURES - METRIQUE**

**SC70**



**2 FLT SE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1.0	3.0	4.0	38.0	2	SC70010	25.00	SC70010T	34.73	SC70010A	38.13
1.5	3.0	4.5	38.0	2	SC70015	25.00	SC70015T	34.73	SC70015A	38.13
2.0	3.0	6.3	38.0	2	SC70020	19.80	SC70020T	29.53	SC70020A	32.93
2.5	3.0	9.5	38.0	2	SC70025	19.80	SC70025T	29.53	SC70025A	32.93
3.0	3.0	12.0	38.0	2	SC70030	19.80	SC70030T	29.53	SC70030A	32.93
3.5	4.0	12.0	50.0	2	SC70035	27.09	SC70035T	36.82	SC70035A	40.22
4.0	4.0	14.0	50.0	2	SC70040	26.05	SC70040T	35.78	SC70040A	39.18
4.5	6.0	16.0	50.0	2	SC70045	27.09	SC70045T	36.82	SC70045A	40.22
5.0	6.0	16.0	50.0	2	SC70050	29.17	SC70050T	42.79	SC70050A	47.55
6.0	6.0	19.0	50.0	2	SC70060	37.17	SC70060T	50.79	SC70060A	55.55
7.0	8.0	19.0	63.0	2	SC70070	48.63	SC70070T	66.13	SC70070A	72.26
8.0	8.0	20.0	63.0	2	SC70080	46.89	SC70080T	64.39	SC70080A	70.52
9.0	10.0	22.0	75.0	2	SC70090	68.07	SC70090T	85.57	SC70090A	91.70
10.0	10.0	22.0	75.0	2	SC70100	60.09	SC70100T	84.14	SC70100A	92.54
11.0	12.0	25.0	75.0	2	SC70110	90.65	SC70110T	114.70	SC70110A	123.10
12.0	12.0	25.0	75.0	2	SC70120	85.43	SC70120T	109.48	SC70120A	117.88
13.0	14.0	30.0	89.0	2	SC70130	140.30	SC70130T	177.26	SC70130A	190.21
14.0	14.0	32.0	89.0	2	SC70140	140.30	SC70140T	177.26	SC70140A	190.21
16.0	16.0	32.0	89.0	2	SC70160	187.19	SC70160T	239.69	SC70160A	258.07
18.0	18.0	38.0	101.0	2	SC70180	213.93	SC70180T	266.43	SC70180A	284.81
20.0	20.0	38.0	101.0	2	SC70200	256.65	SC70200T	333.13	SC70200A	359.90
22.0	22.0	38.0	101.0	2	SC70220	314.30	SC70220T	390.78	SC70220A	417.55
25.0	25.0	38.0	101.0	2	SC70250	399.38	SC70250T	475.86	SC70250A	502.63



**SOLID CARBIDE END MILL - BALL END - 2 FLUTE - METRIC**  
**FRAISES EN BOUT- A BOUT SPHERIQUE - EN CARBURE - 2 CANNELURES - METRIQUE**

**SC73**



**2 FLT BE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1.0	3.0	4.0	38.0	2	SC73010	30.22	SC73010T	39.95	SC73010A	43.35
1.5	3.0	4.5	38.0	2	SC73015	30.22	SC73015T	39.95	SC73015A	43.35
2.0	3.0	6.3	38.0	2	SC73020	25.00	SC73020T	34.73	SC73020A	38.13
2.5	3.0	9.5	38.0	2	SC73025	25.00	SC73025T	34.73	SC73025A	38.13
3.0	3.0	12.0	38.0	2	SC73030	25.00	SC73030T	34.73	SC73030A	38.13
3.5	4.0	12.0	50.0	2	SC73035	34.73	SC73035T	44.46	SC73035A	47.86
4.0	4.0	14.0	50.0	2	SC73040	33.00	SC73040T	42.73	SC73040A	46.13
4.5	6.0	16.0	50.0	2	SC73045	34.73	SC73045T	44.46	SC73045A	47.86
5.0	6.0	16.0	50.0	2	SC73050	34.03	SC73050T	47.65	SC73050A	52.41
6.0	6.0	19.0	50.0	2	SC73060	45.15	SC73060T	58.77	SC73060A	63.53
7.0	8.0	19.0	63.0	2	SC73070	59.39	SC73070T	76.89	SC73070A	83.02
8.0	8.0	20.0	63.0	2	SC73080	57.65	SC73080T	75.15	SC73080A	81.28
9.0	10.0	22.0	75.0	2	SC73090	81.96	SC73090T	99.46	SC73090A	105.59
10.0	10.0	22.0	75.0	2	SC73100	74.32	SC73100T	98.37	SC73100A	106.77
11.0	12.0	25.0	75.0	2	SC73110	114.61	SC73110T	138.66	SC73110A	147.06
12.0	12.0	25.0	75.0	2	SC73120	109.40	SC73120T	133.45	SC73120A	141.85
13.0	14.0	30.0	89.0	2	SC73130	157.67	SC73130T	194.63	SC73130A	207.58
14.0	14.0	32.0	89.0	2	SC73140	157.67	SC73140T	194.63	SC73140A	207.58
16.0	16.0	32.0	89.0	2	SC73160	234.42	SC73160T	286.92	SC73160A	305.30
18.0	18.0	38.0	101.0	2	SC73180	260.46	SC73180T	312.96	SC73180A	331.34
20.0	20.0	38.0	101.0	2	SC73200	303.88	SC73200T	380.36	SC73200A	407.13
22.0	22.0	38.0	101.0	2	SC73220	397.65	SC73220T	474.13	SC73220A	500.90
25.0	25.0	38.0	101.0	2	SC73260	493.15	SC73260T	569.63	SC73260A	596.40

**SOLID CARBIDE END MILL - SQUARE END - LONG SERIES - 2 FLUTE - METRIC**  
**FRAISES EN BOUT- EN CARBURE - SERIE LONGUE - 2 CANNELURES - METRIQUE**

**SC76**



**2 FLT SE LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
3.0	3.0	19.0	57.0	2	SC76030	41.67	SC76030T	51.40	SC76030A	60.05
3.0	3.0	25.0	75.0	2	SC76430	47.59	SC76430T	57.32	SC76430A	65.97
4.0	4.0	19.0	57.0	2	SC76040	47.92	SC76040T	57.65	SC76040A	66.30
4.0	4.0	25.0	75.0	2	SC76440	54.87	SC76440T	64.60	SC76440A	73.25
5.0	5.0	25.0	63.0	2	SC76050	51.06	SC76050T	64.68	SC76050A	76.79
5.0	5.0	25.0	75.0	2	SC76450	63.90	SC76450T	77.52	SC76450A	89.63
6.0	6.0	25.0	75.0	2	SC76460	61.48	SC76460T	75.10	SC76460A	87.21
8.0	6.0	25.0	83.0	2	SC76080	75.37	SC76080T	92.87	SC76080A	108.45
8.0	6.0	25.0	75.0	2	SC76480	95.16	SC76480T	112.66	SC76480A	128.24
10.0	10.0	32.0	75.0	2	SC76100	95.85	SC76100T	119.90	SC76100A	141.27
10.0	10.0	38.0	101.0	2	SC76500	123.29	SC76500T	147.34	SC76500A	168.71
12.0	12.0	50.0	101.0	2	SC76120	174.69	SC76120T	198.74	SC76120A	220.11
12.0	12.0	15.0	150.0	2	SC76520	277.83	SC76520T	301.88	SC76520A	323.25

**SOLID CARBIDE END MILL - SQUARE END - LONG SERIES - 2 FLUTE - METRIC**  
**FRAISES EN BOUT- EN CARBURE - SERIE LONGUE - 2 CANNELURES - METRIQUE**

**SC76**



**2 FLT SE LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
14.0	14.0	75.0	150.0	2	SC76540	368.12	SC76540T	405.08	SC76540A	437.99
16.0	16.0	35.0	101.0	2	SC76160	253.52	SC76160T	306.02	SC76160A	352.75
16.0	16.0	75.0	150.0	2	SC76560	448.00	SC76560T	500.50	SC76560A	547.23
18.0	18.0	57.0	127.0	2	SC76180	373.34	SC76180T	425.84	SC76180A	472.57
18.0	18.0	75.0	150.0	2	SC76580	517.46	SC76580T	569.96	SC76580A	616.69
20.0	20.0	57.0	127.0	2	SC76200	423.70	SC76200T	500.18	SC76200A	568.25
20.0	20.0	75.0	150.0	2	SC76600	517.46	SC76600T	593.94	SC76600A	662.01
25.0	25.0	57.0	127.0	2	SC76250	847.38	SC76250T	923.86	SC76250A	991.93
25.0	25.0	75.0	150.0	2	SC76650	1010.60	SC76650T	1067.08	SC76650A	1155.15

**SOLID CARBIDE END MILL - BALL END - LONG SERIES - 2 FLUTE - METRIC**  
**FRAISES EN BOUT- A BOUT SPHERIQUE - EN CARBURE - SERIE LONGUE - 2 CANNELURES - METRIQUE**

**SC78**



**2 FLT BE LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
3.0	3.0	19.0	57.0	2	SC78030	49.32	SC78030T	59.05	SC78030A	67.70
3.0	3.0	25.0	75.0	2	SC78430	57.31	SC78430T	67.04	SC78430A	75.69
4.0	4.0	25.0	76.0	2	SC78440	53.14	SC78440T	62.87	SC78440A	71.52
5.0	5.0	25.0	76.0	2	SC78450	62.52	SC78450T	76.14	SC78450A	88.25
6.0	6.0	28.0	76.0	2	SC78060	69.46	SC78060T	83.08	SC78060A	95.19
6.0	6.0	36.0	101.0	2	SC78460	91.34	SC78460T	104.96	SC78460A	117.07
8.0	8.0	29.0	76.0	2	SC78080	90.30	SC78080T	107.80	SC78080A	123.38
8.0	8.0	39.0	101.0	2	SC78480	114.61	SC78480T	132.11	SC78480A	147.69
10.0	10.0	48.0	101.0	2	SC78100	132.67	SC78100T	156.72	SC78100A	178.09
10.0	10.0	74.0	150.0	2	SC78500	166.70	SC78500T	190.75	SC78500A	212.12
12.0	12.0	51.0	102.0	2	SC78120	199.70	SC78120T	223.75	SC78120A	245.12
12.0	12.0	74.0	150.0	2	SC78520	236.16	SC78520T	260.21	SC78520A	281.56
14.0	14.0	75.0	150.0	2	SC78540	288.25	SC78540T	325.21	SC78540A	358.12
16.0	16.0	75.0	150.0	2	SC78560	312.56	SC78560T	365.06	SC78560A	411.79
18.0	18.0	75.0	150.0	2	SC78580	406.33	SC78580T	458.83	SC78580A	505.56
20.0	20.0	75.0	150.0	2	SC78600	479.26	SC78600T	555.74	SC78600A	623.81
25.0	25.0	75.0	150.0	2	SC78650	656.38	SC78650T	732.86	SC78650A	800.93



**SOLID CARBIDE END MILL - SQUARE END - 3 FLUTE**  
**FRAISES EN BOUT - EN CARBURE - 3 CANNELURES**

**SC21**



**3 FLT SE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
1/16	1/8	3/16	1-1/2	3	SC21062	20.34	SC21062T	28.19	SC21062A	30.90
5/64	1/8	3/16	1-1/2	3	SC21076	20.34	SC21076T	28.20	SC21076A	30.92
3/32	1/8	9/32	1-1/2	3	SC21093	20.34	SC21093T	28.22	SC21093A	30.93
7/64	1/8	3/8	1-1/2	3	SC21109	20.34	SC21109T	28.23	SC21109A	30.95
1/8	1/8	1/2	1-1/2	3	SC21125	20.34	SC21125T	28.25	SC21125A	30.97
9/64	3/16	1/2	2"	3	SC21140	27.94	SC21140T	35.86	SC21140A	38.58
5/32	3/16	1/2	2"	3	SC21156	27.94	SC21156T	35.88	SC21156A	38.60
11/64	3/16	5/8	2"	3	SC21171	28.71	SC21171T	36.67	SC21171A	39.38
3/16	3/16	5/8	2"	3	SC21187	28.71	SC21187T	39.85	SC21187A	43.66
13/64	1/4	5/8	2-1/2	3	SC21203	35.20	SC21203T	46.30	SC21203A	50.10
7/32	1/4	5/8	2-1/2	3	SC21218	35.20	SC21218T	46.31	SC21218A	50.12
15/64	1/4	3/4	2-1/2	3	SC21234	36.81	SC21234T	47.94	SC21234A	51.74
1/4	1/4	3/4	2-1/2	3	SC21250	36.81	SC21250T	47.95	SC21250A	51.76
17/64	5/16	3/4	2-1/2	3	SC21265	39.84	SC21265T	54.11	SC21265A	59.01
9/32	5/16	3/4	2-1/2	3	SC21281	39.84	SC21281T	54.12	SC21281A	59.02
19/64	5/16	13/16	2-1/2	3	SC21296	41.48	SC21296T	55.78	SC21296A	60.68
5/16	5/16	13/16	2-1/2	3	SC21312	41.48	SC21312T	55.79	SC21312A	60.69
21/64	3/8	1"	2-1/2	3	SC21328	52.51	SC21328T	66.84	SC21328A	71.74
11/32	3/8	1"	2-1/2	3	SC21343	52.51	SC21343T	66.85	SC21343A	71.75
23/64	3/8	1"	2-1/2	3	SC21359	52.51	SC21359T	66.87	SC21359A	71.77
3/8	3/8	1"	2-1/2	3	SC21375	52.51	SC21375T	66.89	SC21375A	71.79
25/64	7/16	1"	2-3/4	3	SC21390	77.15	SC21390T	96.78	SC21390A	103.50
13/32	7/16	1"	2-3/4	3	SC21406	77.15	SC21406T	96.79	SC21406A	103.51
27/64	7/16	1"	2-3/4	3	SC21421	77.15	SC21421T	96.81	SC21421A	103.53
7/16	7/16	1"	2-3/4	3	SC21437	77.15	SC21437T	96.82	SC21437A	103.54
29/64	1/2	1"	3"	3	SC21453	89.67	SC21453T	109.36	SC21453A	116.08
15/32	1/2	1"	3"	3	SC21468	89.67	SC21468T	109.37	SC21468A	116.09
31/64	1/2	1"	3"	3	SC21484	89.67	SC21484T	109.39	SC21484A	116.11
1/2	1/2	1"	3"	3	SC21500	89.67	SC21500T	109.41	SC21500A	116.13
9/16	9/16	1-1/8	3-1/2	3	SC21562	151.98	SC21562T	182.11	SC21562A	192.47
5/8	5/8	1-1/4	3-1/2	3	SC21625	170.09	SC21625T	200.28	SC21625A	210.64
11/16	3/4	1-3/8	4"	3	SC21687	251.11	SC21687T	293.80	SC21687A	308.50
3/4	3/4	1-1/2	4"	3	SC21750	251.11	SC21750T	293.86	SC21750A	308.56
7/8	7/8	1-1/2	4"	3	SC21875	434.85	SC21875T	496.91	SC21875A	518.33
1"	1"	1-1/2	4"	3	SC21900	444.83	SC21900T	507.01	SC21900A	528.43

CARBIDE TOOLS

OUTILS EN CARBURE

**SOLID CARBIDE END MILL - BALL END - 3 FLUTE**  
**FRAISES EN BOUT-A BOUT SPHERIQUE - EN CARBURE - 3 CANNELURES**

**SC24**



**3 FLT BE**

**CARBIDE TOOLS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/16	1/8	3/16	1-1/2	3	SC24062	24.40	SC24062T	32.18	SC24062A	34.90
5/64	1/8	3/16	1-1/2	3	SC24078	24.40	SC24078T	32.18	SC24078A	34.90
3/32	1/8	9/32	1-1/2	3	SC24093	24.40	SC24093T	32.18	SC24093A	34.90
7/64	1/8	3/8	1-1/2	3	SC24109	24.40	SC24109T	32.18	SC24109A	34.90
1/8	1/8	1/2	1-1/2	3	SC24125	24.40	SC24125T	32.18	SC24125A	34.90
9/64	3/16	1/2	2"	3	SC24140	30.16	SC24140T	37.94	SC24140A	40.66
5/32	3/16	1/2	2"	3	SC24156	33.53	SC24156T	41.31	SC24156A	44.03
11/64	3/16	5/8	2"	3	SC24171	34.57	SC24171T	42.35	SC24171A	45.07
3/16	3/16	5/8	2"	3	SC24187	34.57	SC24187T	45.46	SC24187A	49.27
13/64	1/4	5/8	2-1/2	3	SC24203	42.08	SC24203T	52.97	SC24203A	56.78
7/32	1/4	5/8	2-1/2	3	SC24218	42.08	SC24218T	52.97	SC24218A	56.78
15/64	1/4	3/4	2-1/2	3	SC24234	44.23	SC24234T	55.12	SC24234A	58.93
1/4	1/4	3/4	2-1/2	3	SC24250	44.23	SC24250T	55.12	SC24250A	58.93
17/64	5/16	3/4	2-1/2	3	SC24265	46.98	SC24265T	60.98	SC24265A	65.88
9/32	5/16	3/4	2-1/2	3	SC24281	46.98	SC24281T	60.98	SC24281A	65.88
19/64	5/16	13/16	2-1/2	3	SC24296	49.83	SC24296T	63.83	SC24296A	68.73
5/16	5/16	13/16	2-1/2	3	SC24312	49.83	SC24312T	63.83	SC24312A	68.73
21/64	3/8	1"	2-1/2	3	SC24328	62.57	SC24328T	76.57	SC24328A	81.47
11/32	3/8	1"	2-1/2	3	SC24343	63.02	SC24343T	77.02	SC24343A	81.92
23/64	3/8	1"	2-1/2	3	SC24359	63.02	SC24359T	77.02	SC24359A	81.92
3/8	3/8	1"	2-1/2	3	SC24375	63.02	SC24375T	77.02	SC24375A	81.92
25/64	7/16	1"	2-3/4	3	SC24390	92.67	SC24390T	111.91	SC24390A	118.63
13/32	7/16	1"	2-3/4	3	SC24406	92.67	SC24406T	111.91	SC24406A	118.63
27/64	7/16	1"	2-3/4	3	SC24421	92.67	SC24421T	111.91	SC24421A	118.63
7/16	7/16	1"	2-3/4	3	SC24437	92.67	SC24437T	111.91	SC24437A	118.63
29/64	1/2	1"	3"	3	SC24453	107.60	SC24453T	126.84	SC24453A	133.56
15/32	1/2	1"	3"	3	SC24468	107.60	SC24468T	126.84	SC24468A	133.56
31/64	1/2	1"	3"	3	SC24484	107.60	SC24484T	126.84	SC24484A	133.56
1/2	1/2	1"	3"	3	SC24500	107.60	SC24500T	126.84	SC24500A	133.56
9/16	9/16	1-1/8	3-1/2	3	SC24562	182.42	SC24562T	211.99	SC24562A	222.35
5/8	5/8	1-1/4	3-1/2	3	SC24625	204.12	SC24625T	233.69	SC24625A	244.05
11/16	3/4	1-3/8	4"	3	SC24687	301.39	SC24687T	343.39	SC24687A	358.09
3/4	3/4	1-1/2	4"	3	SC24750	301.39	SC24750T	343.39	SC24750A	358.09
7/8	7/8	1-1/2	4"	3	SC24875	521.90	SC24875T	583.08	SC24875A	604.50
1"	1"	1-1/2	4"	3	SC24900	533.81	SC24900T	594.99	SC24900A	616.41

**OUTILS EN CARBURE**



**SOLID CARBIDE END MILL - SQUARE END - 4 FLUTE**  
**FRAISES EN BOUT - EN CARBURE - 4 CANNELURES**

**SC22**



**4 FLT SE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
1/32	1/8	5/64	1-1/2	4	SC22031	24.92	SC22031T	27.05	SC22031A	29.76
3/64	1/8	7/64	1-1/2	4	SC22046	24.92	SC22046T	27.05	SC22046A	29.76
1/16	1/8	3/16	1-1/2	4	SC22062	20.34	SC22062T	22.47	SC22062A	24.72
5/64	1/8	3/16	1-1/2	4	SC22078	20.34	SC22078T	22.47	SC22078A	24.72
3/32	1/8	9/32	1-1/2	4	SC22093	20.34	SC22093T	23.23	SC22093A	25.55
7/64	1/8	3/8	1-1/2	4	SC22109	20.34	SC22109T	23.23	SC22109A	25.55
1/8	1/8	1/2	1-1/2	4	SC22125	20.34	SC22125T	23.23	SC22125A	25.55
9/64	3/16	1/2	2"	4	SC22140	27.94	SC22140T	30.64	SC22140A	33.70
5/32	3/16	1/2	2"	4	SC22156	27.94	SC22156T	30.64	SC22156A	33.70
11/64	3/16	5/8	2"	4	SC22171	28.71	SC22171T	31.43	SC22171A	34.57
3/16	3/16	5/8	2"	4	SC22187	28.71	SC22187T	31.43	SC22187A	34.57
13/64	1/4	5/8	2-1/2	4	SC22203	35.20	SC22203T	41.95	SC22203A	46.15
7/32	1/4	5/8	2-1/2	4	SC22218	35.20	SC22218T	41.95	SC22218A	46.15
15/64	1/4	3/4	2-1/2	4	SC22234	36.81	SC22234T	44.93	SC22234A	49.42
1/4	1/4	3/4	2-1/2	4	SC22250	36.81	SC22250T	44.93	SC22250A	49.42
17/64	5/16	3/4	2-1/2	4	SC22265	39.84	SC22265T	46.02	SC22265A	50.62
9/32	5/16	3/4	2-1/2	4	SC22281	39.84	SC22281T	46.02	SC22281A	50.62
19/64	5/16	13/16	2-1/2	4	SC22296	41.48	SC22296T	54.02	SC22296A	59.42
5/16	5/16	13/16	2-1/2	4	SC22312	41.48	SC22312T	54.02	SC22312A	59.42
21/64	3/8	1"	2-1/2	4	SC22328	52.51	SC22328T	66.27	SC22328A	72.90
11/32	3/8	1"	2-1/2	4	SC22343	52.51	SC22343T	66.27	SC22343A	72.90
23/64	3/8	1"	2-1/2	4	SC22359	52.51	SC22359T	66.27	SC22359A	72.90
3/8	3/8	1"	2-1/2	4	SC22375	52.51	SC22375T	66.27	SC22375A	72.90
25/64	7/16	1"	2-3/4	4	SC22390	77.15	SC22390T	96.00	SC22390A	105.60
13/32	7/16	1"	2-3/4	4	SC22406	77.15	SC22406T	96.00	SC22406A	105.60
27/64	7/16	1"	2-3/4	4	SC22421	77.15	SC22421T	96.00	SC22421A	105.60
7/16	7/16	1"	2-3/4	4	SC22437	77.15	SC22437T	96.00	SC22437A	105.60
29/64	1/2	1"	3"	4	SC22453	89.67	SC22453T	108.52	SC22453A	119.37
15/32	1/2	1"	3"	4	SC22468	89.67	SC22468T	108.52	SC22468A	119.37
31/64	1/2	1"	3"	4	SC22484	89.67	SC22484T	108.52	SC22484A	119.37
1/2	1/2	1"	3"	4	SC22500	89.67	SC22500T	108.52	SC22500A	119.37
9/16	9/16	1-1/8	3-1/2	4	SC22562	151.98	SC22562T	175.16	SC22562A	192.68
5/8	5/8	1-1/4	3-1/2	4	SC22625	170.09	SC22625T	194.23	SC22625A	213.65
11/16	3/4	1-3/8	4"	4	SC22687	251.11	SC22687T	272.34	SC22687A	299.57
3/4	3/4	1-1/2	4"	4	SC22750	251.11	SC22750T	282.00	SC22750A	310.20
7/8	7/8	1-1/2	4"	4	SC22875	434.85	SC22875T	469.61	SC22875A	516.57
1"	1"	1-1/2	4"	4	SC22900	444.83	SC22900T	483.47	SC22900A	531.82

CARBIDE TOOLS

OUTILS EN CARBURE

**SOLID CARBIDE END MILL - BALL END - 4 FLUTE**  
**FRAISES EN BOUT-A BOUT SPHERIQUE - EN CARBURE - 4 CANNELURES**

**SC25**



**4 FLT BE**

**CARBIDE TOOLS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/32	1/8	5/64	1-1/2	4	SC25031	29.91	SC25031T	31.85	SC25031A	32.81
3/64	1/8	7/64	1-1/2	4	SC25046	29.91	SC25046T	31.85	SC25046A	32.81
1/16	1/8	3/16	1-1/2	4	SC25062	24.40	SC25062T	27.30	SC25062A	28.46
5/64	1/8	3/16	1-1/2	4	SC25078	24.40	SC25078T	25.37	SC25078A	25.95
3/32	1/8	9/32	1-1/2	4	SC25093	24.40	SC25093T	26.53	SC25093A	27.70
7/64	1/8	3/8	1-1/2	4	SC25109	24.40	SC25109T	26.53	SC25109A	27.70
1/8	1/8	1/2	1-1/2	4	SC25125	24.40	SC25125T	27.70	SC25125A	28.85
9/64	3/16	1/2	2"	4	SC25140	30.16	SC25140T	34.60	SC25140A	36.54
5/32	3/16	1/2	2"	4	SC25156	33.53	SC25156T	37.40	SC25156A	39.32
11/64	3/16	5/8	2"	4	SC25171	34.57	SC25171T	38.43	SC25171A	40.36
3/16	3/16	5/8	2"	4	SC25187	34.57	SC25187T	39.40	SC25187A	41.14
13/64	1/4	5/8	2-1/2	4	SC25203	42.08	SC25203T	48.46	SC25203A	51.73
7/32	1/4	5/8	2-1/2	4	SC25218	42.08	SC25218T	49.04	SC25218A	51.73
15/64	1/4	3/4	2-1/2	4	SC25234	44.23	SC25234T	50.02	SC25234A	52.92
1/4	1/4	3/4	2-1/2	4	SC25250	44.23	SC25250T	51.77	SC25250A	54.26
17/64	5/16	3/4	2-1/2	4	SC25265	46.98	SC25265T	52.77	SC25265A	55.66
9/32	5/16	3/4	2-1/2	4	SC25281	46.98	SC25281T	51.81	SC25281A	54.69
19/64	5/16	13/16	2-1/2	4	SC25296	49.83	SC25296T	55.63	SC25296A	58.53
5/16	5/16	13/16	2-1/2	4	SC25312	49.83	SC25312T	58.91	SC25312A	62.38
21/64	3/8	1"	2-1/2	4	SC25328	62.57	SC25328T	76.32	SC25328A	83.19
11/32	3/8	1"	2-1/2	4	SC25343	63.02	SC25343T	69.41	SC25343A	72.68
23/64	3/8	1"	2-1/2	4	SC25359	63.02	SC25359T	76.78	SC25359A	83.64
3/8	3/8	1"	2-1/2	4	SC25375	63.02	SC25375T	72.48	SC25375A	75.97
25/64	7/16	1"	2-3/4	4	SC25390	92.67	SC25390T	111.53	SC25390A	120.95
13/32	7/16	1"	2-3/4	4	SC25406	92.67	SC25406T	101.18	SC25406A	105.42
27/64	7/16	1"	2-3/4	4	SC25421	92.67	SC25421T	111.53	SC25421A	120.95
7/16	7/16	1"	2-3/4	4	SC25437	92.67	SC25437T	105.42	SC25437A	110.84
29/64	1/2	1"	3"	4	SC25453	107.60	SC25453T	126.44	SC25453A	135.87
15/32	1/2	1"	3"	4	SC25468	107.60	SC25468T	126.44	SC25468A	135.87
31/64	1/2	1"	3"	4	SC25484	107.60	SC25484T	126.44	SC25484A	135.87
1/2	1/2	1"	3"	4	SC25500	107.60	SC25500T	118.23	SC25500A	123.44
9/16	9/16	1-1/8	3-1/2	4	SC25562	182.42	SC25562T	195.36	SC25562A	201.73
5/8	5/8	1-1/4	3-1/2	4	SC25625	204.12	SC25625T	225.35	SC25625A	233.09
11/16	3/4	1-3/8	4"	4	SC25687	301.39	SC25687T	322.83	SC25687A	332.28
3/4	3/4	1-1/2	4"	4	SC25750	301.39	SC25750T	316.85	SC25750A	324.57
7/8	7/8	1-1/2	4"	4	SC25875	521.90	SC25875T	548.95	SC25875A	562.46
1"	1"	1-1/2	4"	4	SC25900	533.81	SC25900T	566.63	SC25900A	578.21

**OUTILS EN CARBURE**



**SOLID CARBIDE END MILL - SQUARE END - LONG SERIES - 4 FLUTE**  
**FRAISES EN BOUT- EN CARBURE - SERIE LONGUE - 4 CANNELURES**

**SC27**



**4 FLT SE LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	1/8	3/4	2-1/4	4	SC27125	32.39	SC27125T	36.26	SC27125A	39.89
3/16	3/16	3/4	2-1/2	4	SC27187	37.17	SC27187T	40.26	SC27187A	44.29
1/4	1/4	1-1/8	3"	4	SC27250	46.03	SC27250T	50.66	SC27250A	55.73
5/16	5/16	1-1/8	3"	4	SC27312	72.24	SC27312T	84.60	SC27312A	93.06
3/8	3/8	1-1/8	3"	4	SC27375	72.24	SC27375T	78.99	SC27375A	86.89
7/16	7/16	2"	4"	4	SC27437	114.59	SC27437T	133.89	SC27437A	147.28
1/2	1/2	2"	4"	4	SC27500	130.08	SC27500T	152.67	SC27500A	167.94
5/8	5/8	2-1/4	5"	4	SC27625	243.86	SC27625T	270.91	SC27625A	298.00
3/4	3/4	2-1/4	5"	4	SC27750	315.97	SC27750T	348.80	SC27750A	383.68
1"	1"	2-1/4	5"	4	SC27900	633.20	SC27900T	676.84	SC27900A	744.52

**SOLID CARBIDE END MILL - BALL END - LONG SERIES - 4 FLUTE**  
**FRAISES EN BOUT- A BOUT SPHERIQUE - EN CARBURE - SERIE LONGUE - 4 CANNELURES**

**SC29**



**4 FLT BE LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	1/8	3/4	2-1/4	4	SC29125	38.87	SC29125T	41.00	SC29125A	41.96
3/16	3/16	3/4	2-1/2	4	SC29187	44.58	SC29187T	47.09	SC29187A	48.45
1/4	1/4	1-1/8	3"	4	SC29250	55.25	SC29250T	61.61	SC29250A	64.89
5/16	5/16	1-1/8	3"	4	SC29312	68.45	SC29312T	75.60	SC29312A	78.50
3/8	3/8	1-1/8	3"	4	SC29375	86.72	SC29375T	92.89	SC29375A	95.99
7/16	7/16	2"	4"	4	SC29437	137.41	SC29437T	150.74	SC29437A	155.38
1/2	1/2	2"	4"	4	SC29500	156.20	SC29500T	166.44	SC29500A	171.64
5/8	5/8	2-1/4	5"	4	SC29625	292.68	SC29625T	313.93	SC29625A	321.66
3/4	3/4	2-1/4	5"	4	SC29750	379.13	SC29750T	402.32	SC29750A	415.83
1"	1"	2-1/4	5"	4	SC29900	759.84	SC29900T	790.73	SC29900A	808.12

**SOLID CARBIDE END MILL - SQUARE END - EXTRA LONG SERIES - 4 FLUTE**  
**FRAISES EN BOUT- EN CARBURE - SERIE EXTRA LONGUE - 4 CANNELURES**

**SC31**



**4 FLT SE XL**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	1/8	1"	3"	4	SC31125	37.89	SC31125T	40.98	SC31125A	45.08
3/16	3/16	1-1/8	3"	4	SC31187	44.57	SC31187T	48.63	SC31187A	53.49
1/4	1/4	1-1/2	4"	4	SC31250	55.25	SC31250T	60.85	SC31250A	66.94
5/16	5/16	1-5/8	4"	4	SC31312	68.45	SC31312T	78.10	SC31312A	85.91
3/8	3/8	1-3/4	4"	4	SC31375	93.62	SC31375T	109.07	SC31375A	119.98
7/16	7/16	3"	6"	4	SC31437	164.30	SC31437T	175.90	SC31437A	193.49
1/2	1/2	3"	6"	4	SC31500	215.85	SC31500T	239.22	SC31500A	263.14
5/8	5/8	3"	6"	4	SC31625	355.01	SC31625T	385.91	SC31625A	424.50
3/4	3/4	3"	6"	4	SC31750	444.30	SC31750T	482.93	SC31750A	531.22
1"	1"	3"	6"	4	SC31900	709.07	SC31900T	759.27	SC31900A	835.20

**SOLID CARBIDE END MILL - BALL END - EXTRA LONG SERIES - 4 FLUTE**  
**FRAISES EN BOUT- A BOUT SPHERIQUE - EN CARBURE - SERIE EXTRA LONGUE - 4 CANNELURES**

**SC33****4 FLT BE XL**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/8	1/8	1"	3"	4	SC33125	49.69	SC33125T	52.01	SC33125A	53.16
3/16	3/16	1-1/8	3"	4	SC33187	54.58	SC33187T	60.18	SC33187A	62.87
1/4	1/4	1-1/2	4"	4	SC33250	66.30	SC33250T	70.75	SC33250A	73.06
5/16	5/16	1-5/8	4"	4	SC33312	80.97	SC33312T	88.68	SC33312A	92.56
3/8	3/8	1-3/4	4"	4	SC33375	112.43	SC33375T	126.18	SC33375A	133.06
7/16	7/16	3"	6"	4	SC33437	197.17	SC33437T	211.27	SC33437A	218.40
1/2	1/2	3"	6"	4	SC33500	259.06	SC33500T	272.00	SC33500A	278.36
5/8	5/8	3"	6"	4	SC33625	426.29	SC33625T	445.61	SC33625A	457.19
3/4	3/4	3"	6"	4	SC33750	533.20	SC33750T	552.51	SC33750A	564.09
1"	1"	3"	6"	4	SC33900	850.89	SC33900T	889.52	SC33900A	910.76

**SOLID CARBIDE MINIATURE END MILL - 4 FLUTE**  
**FRAISES EN BOUT - EN CARBURE - MINIATURE - 4 CANNELURES**

**SC56****4 FLT**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA		
0.015	1/8	0.047	1-1/2	4	SC56015	55.57		
0.020	1/8	0.063	1-1/2	4	SC56020	41.67		
0.025	1/8	0.078	1-1/2	4	SC56025	41.67		
0.030	1/8	0.094	1-1/2	4	SC56030	38.20		
0.035	1/8	0.109	1-1/2	4	SC56035	22.29		
0.040	1/8	0.125	1-1/2	4	SC56040	22.29		
0.045	1/8	0.140	1-1/2	4	SC56045	22.29		
0.050	1/8	0.156	1-1/2	4	SC56050	23.11		
0.055	1/8	0.171	1-1/2	4	SC56055	24.24		
0.060	1/8	0.188	1-1/2	4	SC56060	24.24		



**SOLID CARBIDE END MILL - SQUARE END - 4 FLUTE - METRIC**  
**FRAISES EN BOUT - EN CARBURE - 4 CANNELURES - METRIQUE**

**SC72**



**4 FLT SE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1.0	3.0	4.0	38.0	4	SC72010	25.00	SC72010T	34.73	SC72010A	38.13
1.5	3.0	4.5	38.0	4	SC72015	25.00	SC72015T	34.73	SC72015A	38.13
2.0	3.0	6.3	38.0	4	SC72020	19.80	SC72020T	29.53	SC72020A	32.93
2.5	3.0	9.5	38.0	4	SC72025	19.80	SC72025T	29.53	SC72025A	32.93
3.0	3.0	12.0	38.0	4	SC72030	19.80	SC72030T	29.53	SC72030A	32.93
3.5	4.0	12.0	50.0	4	SC72035	27.09	SC72035T	36.82	SC72035A	40.22
4.0	4.0	14.0	50.0	4	SC72040	26.05	SC72040T	35.78	SC72040A	39.18
4.5	6.0	16.0	50.0	4	SC72045	27.09	SC72045T	36.82	SC72045A	40.22
5.0	6.0	16.0	50.0	4	SC72050	29.17	SC72050T	42.79	SC72050A	47.55
6.0	6.0	19.0	50.0	4	SC72060	37.17	SC72060T	50.79	SC72060A	55.55
7.0	8.0	19.0	63.0	4	SC72070	48.63	SC72070T	66.13	SC72070A	72.26
8.0	8.0	20.0	63.0	4	SC72080	46.89	SC72080T	64.39	SC72080A	70.52
9.0	10.0	22.0	75.0	4	SC72090	68.07	SC72090T	85.57	SC72090A	91.70
10.0	10.0	22.0	75.0	4	SC72100	60.09	SC72100T	84.14	SC72100A	92.54
11.0	12.0	25.0	75.0	4	SC72110	90.65	SC72110T	114.70	SC72110A	123.10
12.0	12.0	25.0	75.0	4	SC72120	85.43	SC72120T	109.48	SC72120A	117.88
13.0	14.0	30.0	89.0	4	SC72130	140.30	SC72130T	177.26	SC72130A	190.21
14.0	14.0	32.0	89.0	4	SC72140	140.30	SC72140T	177.26	SC72140A	190.21
16.0	16.0	32.0	89.0	4	SC72160	187.19	SC72160T	239.69	SC72160A	258.07
18.0	18.0	38.0	101.0	4	SC72180	213.93	SC72180T	266.43	SC72180A	284.81
20.0	20.0	38.0	101.0	4	SC72200	256.65	SC72200T	333.13	SC72200A	359.90
22.0	22.0	38.0	101.0	4	SC72220	314.30	SC72220T	390.78	SC72220A	417.55
25.0	25.0	38.0	101.0	4	SC72250	399.38	SC72250T	475.86	SC72250A	502.63

CARBIDE TOOLS

OUTILS EN CARBURE





**SOLID CARBIDE END MILL - SQUARE END - LONG SERIES - 4 FLUTE - METRIC**  
**FRAISES EN BOUT- EN CARBURE - SERIE LONGUE - 4 CANNELURES - METRIQUE**

**SC77**



**4 FLT SE LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
3.0	3.0	19.0	57.0	4	SC77030	41.67	SC77030T	51.40	SC77030A	60.05
3.0	3.0	25.0	75.0	4	SC77430	47.59	SC77430T	57.32	SC77430A	65.97
4.0	4.0	19.0	57.0	4	SC77040	47.92	SC77040T	57.65	SC77040A	66.30
4.0	4.0	25.0	75.0	4	SC77440	54.87	SC77440T	64.60	SC77440A	73.25
5.0	5.0	25.0	63.0	4	SC77050	51.06	SC77050T	64.68	SC77050A	76.79
5.0	5.0	25.0	75.0	4	SC77450	63.90	SC77450T	77.52	SC77450A	89.63
6.0	6.0	24.0	63.0	4	SC77060	61.48	SC77060T	75.10	SC77060A	87.21
6.0	6.0	25.0	75.0	4	SC77460	74.68	SC77460T	88.30	SC77460A	100.41
8.0	8.0	25.0	75.0	4	SC77080	75.37	SC77080T	92.67	SC77080A	108.45
8.0	8.0	25.0	75.0	4	SC77480	95.16	SC77480T	112.66	SC77480A	128.24
10.0	10.0	32.0	75.0	4	SC77100	95.85	SC77100T	119.90	SC77100A	141.27
10.0	10.0	38.0	101.0	4	SC77500	123.29	SC77500T	147.34	SC77500A	168.71
12.0	12.0	38.0	101.0	4	SC77120	174.69	SC77120T	198.74	SC77120A	220.11
12.0	12.0	75.0	150.0	4	SC77520	277.83	SC77520T	301.88	SC77520A	323.25
14.0	14.0	75.0	150.0	4	SC77540	388.12	SC77540T	405.08	SC77540A	437.99
16.0	16.0	57.0	127.0	4	SC77160	253.52	SC77160T	306.02	SC77160A	352.75
16.0	16.0	75.0	150.0	4	SC77560	448.00	SC77560T	500.50	SC77560A	547.23
18.0	18.0	57.0	127.0	4	SC77180	373.34	SC77180T	425.84	SC77180A	472.57
18.0	18.0	75.0	150.0	4	SC77580	517.46	SC77580T	569.96	SC77580A	616.69
20.0	20.0	57.0	127.0	4	SC77200	423.70	SC77200T	500.18	SC77200A	588.25
20.0	20.0	75.0	150.0	4	SC77600	517.46	SC77600T	593.94	SC77600A	662.01
25.0	25.0	57.0	127.0	4	SC77250	847.38	SC77250T	923.86	SC77250A	991.93
25.0	25.0	75.0	150.0	4	SC77650	1010.60	SC77650T	1087.08	SC77650A	1155.15

**SOLID CARBIDE END MILL - BALL END - LONG SERIES - 4 FLUTE - METRIC**  
**FRAISES EN BOUT- A BOUT SPHERIQUE - EN CARBURE - SERIE LONGUE - 4 CANNELURES - METRIQUE**

**SC79**



**4 FLT BE LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
3.0	3.0	19.0	57.0	4	SC79030	49.32	SC79030T	59.05	SC79030A	67.70
3.0	3.0	25.0	75.0	4	SC79430	57.31	SC79430T	67.04	SC79430A	75.69
4.0	4.0	16.0	64.0	4	SC79040	44.11	SC79040T	53.84	SC79040A	62.49
4.0	4.0	25.0	76.0	4	SC79440	53.14	SC79440T	62.87	SC79440A	71.52
5.0	5.0	25.0	76.0	4	SC79450	62.52	SC79450T	76.14	SC79450A	88.25
6.0	6.0	23.0	76.0	4	SC79060	69.46	SC79060T	83.08	SC79060A	95.19
6.0	6.0	36.0	101.0	4	SC79460	91.34	SC79460T	104.96	SC79460A	117.07
8.0	8.0	29.0	76.0	4	SC79080	90.30	SC79080T	107.80	SC79080A	123.38
8.0	8.0	38.0	101.0	4	SC79480	114.61	SC79480T	132.11	SC79480A	147.69
10.0	10.0	48.0	101.0	4	SC79100	132.67	SC79100T	156.72	SC79100A	178.09
10.0	10.0	74.0	150.0	4	SC79500	166.70	SC79500T	190.75	SC79500A	212.12
12.0	12.0	51.0	102.0	4	SC79120	199.70	SC79120T	223.75	SC79120A	245.12
12.0	12.0	74.0	150.0	4	SC79520	236.16	SC79520T	260.21	SC79520A	281.58
14.0	14.0	75.0	150.0	4	SC79540	288.25	SC79540T	325.21	SC79540A	358.12
16.0	16.0	75.0	150.0	4	SC79560	312.56	SC79560T	365.06	SC79560A	411.79
18.0	18.0	75.0	150.0	4	SC79580	406.33	SC79580T	458.83	SC79580A	505.56
20.0	20.0	75.0	150.0	4	SC79600	479.26	SC79600T	555.74	SC79600A	623.81
25.0	25.0	75.0	150.0	4	SC79650	656.38	SC79650T	732.86	SC79650A	800.93

**CARBIDE ROUGHING END MILL - STUB LENGTH**  
**FRAISES A EBAUCHER MULTIPLE CANNELURES EN CARBURE - SERIE COURTE**

**SC46****STUB**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIIN CODE	TIIN \$ EA
1/4	1/4	1/2	2"	4	SC46250	62.52	SC46250T	73.66	SC46250A	76.41
5/16	5/16	1/2	2"	4	SC46312	69.46	SC46312T	83.77	SC46312A	93.77
3/8	3/8	5/8	2"	4	SC46375	90.30	SC46375T	104.68	SC46375A	116.35
1/2	1/2	5/8	2-1/2	4	SC46500	125.02	SC46500T	144.76	SC46500A	152.81
5/8	5/8	3/4	3"	4	SC46625	215.32	SC46625T	245.51	SC46625A	260.46
3/4	3/4	1"	3"	4	SC46750	368.96	SC46750T	431.71	SC46750A	449.75

**CARBIDE ROUGHING END MILL - STANDARD LENGTH**  
**FRAISES A EBAUCHER MULTIPLE CANNELURES EN CARBURE**

**SC47****STD**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIIN CODE	TIIN \$ EA
1/4	1/4	3/4	2-1/2	4	SC47250	69.46	SC47250T	80.60	SC47250A	83.35
5/16	5/16	11/32	2-1/2	4	SC47312	83.35	SC47312T	97.66	SC47312A	107.66
3/8	3/8	7/8	2-1/2	4	SC47375	104.19	SC47375T	118.57	SC47375A	130.24
7/16	7/16	1"	2-3/4	4	SC47437	121.55	SC47437T	141.22	SC47437A	149.33
1/2	1/2	1"	3"	4	SC47500	166.70	SC47500T	186.44	SC47500A	194.48
9/16	9/16	1-1/4	3-1/2	4	SC47562	208.37	SC47562T	238.50	SC47562A	253.52
5/8	5/8	1-1/4	3-1/2	4	SC47625	277.83	SC47625T	308.02	SC47625A	322.98
3/4	3/4	1-1/2	4"	4	SC47750	555.66	SC47750T	598.41	SC47750A	616.44
1"	1"	1-1/2	4"	4	SC47900	659.85	SC47900T	722.03	SC47900A	737.99

**CARBIDE ROUGHING END MILL - LONG SERIES**  
**FRAISES A EBAUCHER MULTIPLE CANNELURES EN CARBURE - SERIE LONGUE**

**SC48****LS**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIIN CODE	TIIN \$ EA
1/4	1/4	1-1/8	3"	4	SC48250	125.02	SC48250T	140.52	SC48250A	145.85
3/8	3/8	1-1/8	3"	4	SC48375	166.70	SC48375T	186.68	SC48375A	193.54
1/2	1/2	2"	4"	4	SC48500	295.20	SC48500T	322.63	SC48500A	332.04
5/8	5/8	2-1/4	5"	4	SC48625	416.75	SC48625T	458.77	SC48625A	473.27
3/4	3/4	2-1/4	5"	4	SC48750	569.55	SC48750T	629.10	SC48750A	649.68
1"	1"	2-1/4	5"	4	SC48900	798.77	SC48900T	865.42	SC48900A	915.41



**SOLID CARBIDE END MILL - DOUBLE END - 2 FLUTE**  
**FRAISES EN BOUT DOUBLES - EN CARBURE - 2 CANNELURES**

**SC34**



**2 FLT DE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/32	1/8	1/16	1-1/2	2	SC34031	28.62	SC34031T	44.22	SC34031A	49.65
3/64	1/8	3/32	1-1/2	2	SC34046	28.62	SC34046T	44.23	SC34046A	49.67
1/16	1/8	1/8	1-1/2	2	SC34062	24.05	SC34062T	39.68	SC34062A	45.11
5/64	1/8	1/8	1-1/2	2	SC34078	24.05	SC34078T	39.70	SC34078A	45.13
3/32	1/8	3/16	1-1/2	2	SC34093	24.05	SC34093T	39.71	SC34093A	45.14
7/64	1/8	3/16	1-1/2	2	SC34109	24.05	SC34109T	39.73	SC34109A	45.16
1/8	1/8	1/4	1-1/2	2	SC34125	22.50	SC34125T	38.19	SC34125A	43.63
9/64	3/16	5/16	2"	2	SC34140	31.99	SC34140T	47.70	SC34140A	53.13
5/32	3/16	5/16	2"	2	SC34156	31.99	SC34156T	47.71	SC34156A	53.15
11/64	3/16	5/16	2"	2	SC34171	33.79	SC34171T	49.53	SC34171A	54.96
3/16	3/16	3/8	2"	2	SC34187	33.79	SC34187T	49.55	SC34187A	54.98
13/64	1/4	1/2	2-1/2	2	SC34203	41.91	SC34203T	63.90	SC34203A	71.51
7/32	1/4	1/2	2-1/2	2	SC34218	41.91	SC34218T	63.91	SC34218A	71.53
15/64	1/4	1/2	2-1/2	2	SC34234	41.91	SC34234T	63.93	SC34234A	71.54
1/4	1/4	1/2	2-1/2	2	SC34250	35.90	SC34250T	57.93	SC34250A	65.55
9/32	5/16	1/2	2-1/2	2	SC34281	49.26	SC34281T	77.54	SC34281A	87.34
5/16	5/16	1/2	2-1/2	2	SC34312	49.26	SC34312T	77.57	SC34312A	87.37
3/8	3/8	9/16	2-1/2	2	SC34375	51.61	SC34375T	79.99	SC34375A	89.79
7/16	7/16	9/16	2-3/4	2	SC34437	74.37	SC34437T	113.28	SC34437A	126.72
1/2	1/2	5/8	3"	2	SC34500	89.52	SC34500T	128.49	SC34500A	141.93

**SOLID CARBIDE END MILL - BALL END - 2 FLUTE**  
**FRAISES EN BOUT - A BOUT SPHERIQUE - EN CARBURE - 2 CANNELURES**

**SC36**



**2 FLT BE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAIN CODE	TIAIN \$ EA
1/32	1/8	1/16	1-1/2	2	SC36031	34.41	SC36031T	50.01	SC36031A	55.44
3/64	1/8	3/32	1-1/2	2	SC36046	34.39	SC36046T	50.00	SC36046A	55.44
1/16	1/8	1/8	1-1/2	2	SC36062	28.80	SC36062T	44.43	SC36062A	49.86
5/64	1/8	1/8	1-1/2	2	SC36078	28.80	SC36078T	44.45	SC36078A	49.88
3/32	1/8	3/16	1-1/2	2	SC36093	28.80	SC36093T	44.46	SC36093A	49.89
7/64	1/8	3/16	1-1/2	2	SC36109	28.80	SC36109T	44.48	SC36109A	49.91
1/8	1/8	1/4	1-1/2	2	SC36125	26.99	SC36125T	42.68	SC36125A	48.12
9/64	3/16	5/16	2"	2	SC36140	38.46	SC36140T	54.17	SC36140A	59.60
5/32	3/16	5/16	2"	2	SC36156	38.46	SC36156T	54.18	SC36156A	59.62
11/64	3/16	5/16	2"	2	SC36171	40.60	SC36171T	56.34	SC36171A	61.77
3/16	3/16	3/8	2"	2	SC36187	40.60	SC36187T	56.36	SC36187A	61.79
13/64	1/4	1/2	2-1/2	2	SC36203	50.26	SC36203T	72.25	SC36203A	79.85
7/32	1/4	1/2	2-1/2	2	SC36218	50.26	SC36218T	72.26	SC36218A	79.88
15/64	1/4	1/2	2-1/2	2	SC36234	50.26	SC36234T	72.28	SC36234A	79.89
1/4	1/4	1/2	2-1/2	2	SC36250	43.06	SC36250T	65.09	SC36250A	72.71
9/32	5/16	1/2	2-1/2	2	SC36281	59.18	SC36281T	87.46	SC36281A	97.26
5/16	5/16	1/2	2-1/2	2	SC36312	59.18	SC36312T	87.49	SC36312A	97.29
3/8	3/8	9/16	2-1/2	2	SC36375	61.90	SC36375T	90.28	SC36375A	100.08
7/16	7/16	9/16	2-3/4	2	SC36437	89.22	SC36437T	128.13	SC36437A	141.57
1/2	1/2	5/8	3"	2	SC36500	111.67	SC36500T	150.64	SC36500A	164.08

**SOLID CARBIDE END MILL - DOUBLE END - 4 FLUTE**  
**FRAISES EN BOUT DOUBLES - EN CARBURE - 4 CANNELURES**

**SC35**



**4 FLT DE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
1/32	1/8	1/16	1-1/2	4	SC35031	28.62	SC35031T	44.22	SC35031A	49.65
3/64	1/8	3/32	1-1/2	4	SC35046	28.62	SC35046T	44.23	SC35046A	49.67
1/16	1/8	1/8	1-1/2	4	SC35062	24.05	SC35062T	39.68	SC35062A	45.11
5/64	1/8	1/8	1-1/2	4	SC35078	24.05	SC35078T	39.70	SC35078A	45.13
3/32	1/8	3/16	1-1/2	4	SC35093	24.05	SC35093T	39.71	SC35093A	45.14
7/64	1/8	3/16	1-1/2	4	SC35109	24.05	SC35109T	39.73	SC35109A	45.16
1/8	1/8	1/4	1-1/2	4	SC35125	22.50	SC35125T	38.19	SC35125A	43.63
9/64	3/16	5/16	2"	4	SC35140	31.99	SC35140T	47.70	SC35140A	53.13
5/32	3/16	5/16	2"	4	SC35156	31.99	SC35156T	47.71	SC35156A	53.15
11/64	3/16	5/16	2"	4	SC35171	33.79	SC35171T	49.53	SC35171A	54.96
3/16	3/16	3/8	2"	4	SC35187	33.79	SC35187T	49.55	SC35187A	54.98
13/64	1/4	1/2	2-1/2	4	SC35203	41.91	SC35203T	63.90	SC35203A	71.51
7/32	1/4	1/2	2-1/2	4	SC35218	41.91	SC35218T	63.91	SC35218A	71.53
15/64	1/4	1/2	2-1/2	4	SC35234	41.91	SC35234T	63.93	SC35234A	71.54
1/4	1/4	1/2	2-1/2	4	SC35250	35.90	SC35250T	57.93	SC35250A	65.55
9/32	5/16	1/2	2-1/2	4	SC35281	49.26	SC35281T	77.54	SC35281A	87.34
5/16	5/16	1/2	2-1/2	4	SC35312	49.26	SC35312T	77.57	SC35312A	87.37
3/8	3/8	9/16	2-1/2	4	SC35375	51.61	SC35375T	79.99	SC35375A	89.79
7/16	7/16	9/16	2-3/4	4	SC35437	74.37	SC35437T	113.28	SC35437A	126.72
1/2	1/2	5/8	3"	4	SC35500	89.52	SC35500T	128.49	SC35500A	141.93

**SOLID CARBIDE END MILL - BALL END - 4 FLUTE**  
**FRAISES EN BOUT - A BOUT SPHERIQUE - EN CARBURE - 4 CANNELURES**

**SC37**



**4 FLT BE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TAIN CODE	TAIN \$ EA
1/32	1/8	1/16	1-1/2	4	SC37031	34.41	SC37031T	50.01	SC37031A	55.44
3/64	1/8	3/32	1-1/2	4	SC37046	34.39	SC37046T	50.00	SC37046A	55.44
1/16	1/8	1/8	1-1/2	4	SC37062	28.80	SC37062T	44.43	SC37062A	49.86
5/64	1/8	1/8	1-1/2	4	SC37078	28.80	SC37078T	44.45	SC37078A	49.88
3/32	1/8	3/16	1-1/2	4	SC37093	28.80	SC37093T	44.46	SC37093A	49.89
7/64	1/8	3/16	1-1/2	4	SC37109	28.80	SC37109T	44.48	SC37109A	49.91
1/8	1/8	1/4	1-1/2	4	SC37125	26.99	SC37125T	42.68	SC37125A	48.12
9/64	3/16	5/16	2"	4	SC37140	38.46	SC37140T	54.17	SC37140A	59.60
5/32	3/16	5/16	2"	4	SC37156	38.46	SC37156T	54.18	SC37156A	59.62
11/64	3/16	5/16	2"	4	SC37171	40.60	SC37171T	56.34	SC37171A	61.77
3/16	3/16	3/8	2"	4	SC37187	40.60	SC37187T	56.36	SC37187A	61.79
13/64	1/4	1/2	2-1/2	4	SC37203	50.26	SC37203T	72.25	SC37203A	79.86
7/32	1/4	1/2	2-1/2	4	SC37218	50.26	SC37218T	72.26	SC37218A	79.88
15/64	1/4	1/2	2-1/2	4	SC37234	50.26	SC37234T	72.28	SC37234A	79.89
1/4	1/4	1/2	2-1/2	4	SC37250	43.06	SC37250T	65.09	SC37250A	72.71
9/32	5/16	1/2	2-1/2	4	SC37281	59.18	SC37281T	87.46	SC37281A	97.26
5/16	5/16	1/2	2-1/2	4	SC37312	59.18	SC37312T	87.49	SC37312A	97.29
3/8	3/8	9/16	2-1/2	4	SC37375	61.90	SC37375T	90.28	SC37375A	100.08
7/16	7/16	9/16	2-3/4	4	SC37437	89.22	SC37437T	128.13	SC37437A	141.57
1/2	1/2	5/8	3"	4	SC37500	111.67	SC37500T	150.64	SC37500A	164.08



**SOLID CARBIDE END MILL - WELDON FLAT - DOUBLE END - 2 FLUTE**  
**FRAISES EN BOUT DOUBLES - EN CARBURE - QUEUE WELDON - 2 CANNELURES**

**SC38**



**2 FLT DE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
1/8	3/8	3/8	3-1/16	2	SC38125	60.62	SC38125T	76.31	SC38125A	81.75
5/32	3/8	7/16	3-1/8	2	SC38156	63.90	SC38156T	79.62	SC38156A	85.06
3/16	3/8	1/2	3-1/4	2	SC38187	66.68	SC38187T	82.44	SC38187A	87.87
7/32	3/8	9/16	3-3/8	2	SC38218	77.30	SC38218T	99.30	SC38218A	106.92
1/4	3/8	5/8	3-3/8	2	SC38250	82.44	SC38250T	104.47	SC38250A	112.09
9/32	3/8	11/16	3-1/2	2	SC38281	92.00	SC38281T	120.28	SC38281A	130.08
5/16	3/8	3/4	3-1/2	2	SC38312	98.77	SC38312T	127.08	SC38312A	136.88
11/32	3/8	3/4	3-1/2	2	SC38343	106.72	SC38343T	135.06	SC38343A	144.86
3/8	3/8	3/4	3-1/2	2	SC38375	106.72	SC38375T	135.10	SC38375A	144.90
7/16	1/2	7/8	4"	2	SC38437	167.61	SC38437T	206.52	SC38437A	219.96
1/2	1/2	1"	4"	2	SC38500	168.48	SC38500T	207.45	SC38500A	220.89

**SOLID CARBIDE END MILL - WELDON FLAT - DOUBLE END - BALL END - 2 FLUTE**  
**FRAISES EN BOUT DOUBLES - A BOUT SPHERIQUE - EN CARBURE - WELDON - 2 CANNELURES**

**SC40**



**2 FLT DE BE**

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
1/8	3/8	3/8	3-1/16	2	SC40125	72.83	SC40125T	88.52	SC40125A	93.96
5/32	3/8	7/16	3-1/8	2	SC40156	76.70	SC40156T	92.42	SC40156A	97.86
3/16	3/8	1/2	3-1/4	2	SC40187	80.16	SC40187T	95.92	SC40187A	101.35
7/32	3/8	9/16	3-3/8	2	SC40218	92.26	SC40218T	114.26	SC40218A	121.88
1/4	3/8	5/8	3-3/8	2	SC40250	98.50	SC40250T	120.53	SC40250A	128.15
9/32	3/8	11/16	3-1/2	2	SC40281	111.92	SC40281T	140.20	SC40281A	150.00
5/16	3/8	3/4	3-1/2	2	SC40312	118.57	SC40312T	146.88	SC40312A	156.68
11/32	3/8	3/4	3-1/2	2	SC40343	128.07	SC40343T	156.41	SC40343A	166.21
3/8	3/8		3-1/2	2	SC40375	128.07	SC40375T	156.45	SC40375A	166.25
7/16	1/2	7/8	4"	2	SC40437	201.05	SC40437T	239.96	SC40437A	253.40
1/2	1/2	1"	4"	2	SC40500	202.20	SC40500T	241.17	SC40500A	254.61

**SOLID CARBIDE END MILL - WELDON FLAT - DOUBLE END - 4 FLUTE**  
**FRAISES EN BOUT DOUBLES - EN CARBURE - QUEUE WELDON - 4 CANNELURES**

**SC39**



**4 FLT DE**

CARBIDE TOOLS

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
1/8	3/8	3/8	3-1/16	4	SC39125	60.62	SC39125T	76.31	SC39125A	81.75
5/32	3/8	7/16	3-1/8	4	SC39156	63.90	SC39156T	79.62	SC39156A	85.06
3/16	3/8	1/2	3-1/4	4	SC39187	66.68	SC39187T	82.44	SC39187A	87.87
7/32	3/8	9/16	3-3/8	4	SC39218	77.30	SC39218T	99.30	SC39218A	106.92
1/4	3/8	5/8	3-3/8	4	SC39250	82.44	SC39250T	104.47	SC39250A	112.09
9/32	3/8	11/16	3-1/2	4	SC39281	92.00	SC39281T	120.28	SC39281A	130.08
5/16	3/8	3/4	3-1/2	4	SC39312	98.77	SC39312T	127.08	SC39312A	136.88
11/32	3/8	3/4	3-1/2	4	SC39343	106.72	SC39343T	135.06	SC39343A	144.86
3/8	3/8	3/4	3-1/2	4	SC39375	106.72	SC39375T	135.10	SC39375A	144.90
7/16	1/2	7/8	4"	4	SC39437	167.61	SC39437T	206.52	SC39437A	219.96
1/2	1/2	1"	4"	4	SC39500	168.48	SC39500T	207.45	SC39500A	220.89

**SOLID CARBIDE END MILL - WELDON FLAT - DOUBLE END - BALL END - 4 FLUTE**  
**FRAISES EN BOUT DOUBLES - A BOUT SPHERIQUE - EN CARBURE - WELDON - 4 CANNELURES**

**SC41**



**4 FLT DE BE**

OUTILS EN CARBURE

DIA	SHANK QUEUE	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	STD CODE	STD \$ EA	TIN CODE	TIN \$ EA	TIAN CODE	TIAN \$ EA
1/8	3/8	3/8	3-1/16	4	SC41125	72.83	SC41125T	88.52	SC41125A	93.96
5/32	3/8	7/16	3-1/8	4	SC41156	76.70	SC41156T	92.42	SC41156A	97.86
3/16	3/8	1/2	3-1/4	4	SC41187	80.16	SC41187T	95.92	SC41187A	101.35
7/32	3/8	9/16	3-3/8	4	SC41218	92.26	SC41218T	114.26	SC41218A	121.88
1/4	3/8	5/8	3-3/8	4	SC41250	98.50	SC41250T	120.53	SC41250A	128.15
9/32	3/8	11/16	3-1/2	4	SC41281	111.92	SC41281T	140.20	SC41281A	150.00
5/16	3/8	3/4	3-1/2	4	SC41312	118.57	SC41312T	146.88	SC41312A	156.68
11/32	3/8	3/4	3-1/2	4	SC41343	128.07	SC41343T	156.41	SC41343A	166.21
3/8	3/8	3/4	3-1/2	4	SC41375	128.07	SC41375T	156.45	SC41375A	166.25
7/16	1/2	7/8	4"	4	SC41437	201.05	SC41437T	239.96	SC41437A	253.40
1/2	1/2	1"	4"	4	SC41500	202.20	SC41500T	241.17	SC41500A	254.61



## WHISPERMILL HSC CUTTER FRAISES UGV WHISPERMILL

### HSC

The principle of HSC (high speed cutting) is to increase machining performance without increasing the load per tooth and therefore saving time and money as well as achieving a better finish.

### PROGRAM

The Marwin HSC program provides a complete package for milling most materials and also provides the toolholders to attain the best results possible.

### CONCENTRICITY AND BALANCE

To avoid premature wear, micro-chipping and reduced performance all tools and holders are balance to extremely high levels giving outstanding performance at speeds and feeds never before possible.

### COATING

These extreme parameters, such as milling hardened steel without coolant may lead to temperatures at the cutting edge reaching 900°C. Marwin ALNI coating has been developed in conjunction with Sheffield Hallam University to cope with these extreme conditions and improve:

- Surface hardness
- Coefficient of friction
- Adhesion of coating to the substrate
- Oxidation temperature

### SUPPORT

This technology is cutting edge and therefore will be new to most people. Clarkson-Osborn prides itself on its customer support and will be pleased to answer any questions on this new technology and show you how to increase productivity and reduce costs by moving up to HSC.

### UGV

Le principe de l'usinage à grande vitesse (UGV) est d'augmenter les performances de l'usinage sans augmenter l'effort de coupe, d'obtenir une meilleure finition tout en épargnant du temps et de l'argent.

### PROGRAMME

Le programme UGV de Marwin offre une gamme complète d'outils de fraisage pour différentes qualités de matériaux et permet aux mandrins un rendement de qualité.

### CONCENTRICITÉ ET ÉQUILIBRAGE

Pour éviter l'usure prémature, l'effet d'entaille et ainsi réduire les performances, tous les outils ainsi que les mandrins ont un équilibrage optimum, ce qui permet des avances et vitesses jamais atteintes auparavant.

### REVÊTEMENT

Des paramètres extrêmes comme fraiser dans un acier trempé sans réfrigérant est permis, le revêtement résiste à plus de 900°C. Le revêtement Marwin ALNI a été développé en collaboration avec l'université Hallam de Sheffield afin de maîtriser ces conditions extrêmes et perfectionner:

- La dureté de surface
- Le coefficient de friction
- L'adhésion du revêtement
- La température d'oxydation

### SUPPORT

C'est une technologie de haut niveau et par conséquent nouvelle pour la plupart des gens. Clarkson-Osborn est fière des facilités qu'elle offre à ses clients. Nous serions heureux d'organiser une démonstration de cette nouvelle technologie, UGV usinage à grande vitesse, pour augmenter votre productivité et réduire vos coûts de production.

WHISPERMILL - 30° HELIX - AINI COATED  
WHISPERMILL - HELICE 30° - AINI

MA02



WhisperMill HSC  
Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	FLUTES		CODE	\$ EA \$ CH
				CANN	NO		
2.0	6.0	6.0	51.0	2	HSC2M251	MA02502	100.19
3.0	6.0	10.0	51.0	2	HSC2M351	MA02503	116.29
4.0	6.0	10.0	51.0	2	HSC2M451	MA02504	116.29
5.0	6.0	10.0	51.0	2	HSC2M551	MA02505	110.95
6.0	6.0	12.0	58.0	2	HSC2M658	MA02506	102.00
8.0	8.0	12.0	64.0	2	HSC2M864	MA02508	121.49
10.0	10.0	15.0	73.0	2	HSC2M1073	MA02510	146.55
12.0	12.0	15.0	74.0	2	HSC2M1274	MA02512	200.75
16.0	16.0	25.0	93.0	2	HSC2M1693	MA02516	305.40
20.0	20.0	38.0	105.0	2	HSC2M20105	MA02520	388.25
25.0	25.0	38.0	109.0	2	HSC2M25109	MA02525	629.77

WHISPERMILL - 52° HELIX - AINI COATED  
WHISPERMILL - HELICE 52° - AINI

MA03



WhisperMill HSC  
Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	FLUTES		CODE	\$ EA \$ CH
				CANN	NO		
6.0	6.0	12.0	58.0	3	HSC3M658	MA03506	99.83
8.0	8.0	12.0	64.0	3	HSC3M864	MA03508	121.65
10.0	10.0	15.0	73.0	3	HSC3M1073	MA03510	161.03
12.0	12.0	15.0	74.0	3	HSC3M1274	MA03512	229.03
16.0	16.0	25.0	93.0	3	HSC3M1693	MA03516	300.56
18.0	18.0	25.0	93.0	3	HSC3M1893	MA03518	397.19
20.0	20.0	38.0	105.0	3	HSC3M20105	MA03520	404.34
25.0	25.0	38.0	109.0	3	HSC3M25109	MA03525	629.77

WHISPERMILL - 30° HELIX - AINI COATED  
WHISPERMILL - HELICE 30° - AINI

MA04



WhisperMill HSC  
Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	FLUTES		CODE	\$ EA \$ CH
				CANN	NO		
3.0	6.0	10.0	51.0	4	HSC4M351	MA04503	110.95
4.0	6.0	11.0	58.0	4	HSC4M458	MA04504	121.65
5.0	6.0	13.0	58.0	4	HSC4M558	MA04505	121.65
6.0	6.0	13.0	58.0	4	HSC4M658	MA04506	121.65
8.0	8.0	19.0	64.0	4	HSC4M864	MA04508	114.50
10.0	10.0	22.0	73.0	4	HSC4M1073	MA04510	139.57
12.0	12.0	26.0	84.0	4	HSC4M1284	MA04512	232.61
14.0	14.0	26.0	84.0	4	HSC4M1484	MA04514	286.26
16.0	16.0	32.0	93.0	4	HSC4M1693	MA04516	307.73
18.0	18.0	32.0	93.0	4	HSC4M1893	MA04518	397.19
20.0	20.0	38.0	105.0	4	HSC4M20105	MA04520	404.34
25.0	25.0	38.0	109.0	4	HSC4M25109	MA04525	629.77



**WHISPERMILL - 30° HELIX - AINI COATED - CORNER RAD - 2 FLUTE**  
**WHISPERMILL - HELICE 30° - AINI - 2 CANNELURES**

**MA06**



**WhisperMill HSC**  
Solid Carbide

DIA(e8)	SHANK (h6) QUEUE (h6)	RAD	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK LG LG COU	NO	CODE	\$ EA \$ CH
6.0	6.0	0.5	12.0	58.0	5.5	18.0	HSC2M658R05	MA06561	114.50
6.0	6.0	1.0	12.0	58.0	5.5	18.0	HSC2M658R10	MA06562	114.50
8.0	8.0	0.5	12.0	64.0	7.5	24.0	HSC2M864R05	MA06581	146.71
8.0	8.0	1.0	12.0	64.0	7.5	24.0	HSC2M864R10	MA06582	146.71
8.0	8.0	1.5	12.0	64.0	7.5	24.0	HSC2M864R15	MA06583	146.71
8.0	8.0	2.0	12.0	64.0	7.5	24.0	HSC2M864R20	MA06584	172.62
10.0	10.0	0.5	15.0	73.0	9.3	30.0	HSC2M1073R05	MA06601	189.66
10.0	10.0	1.0	15.0	73.0	9.3	30.0	HSC2M1073R10	MA06602	189.66
10.0	10.0	1.5	15.0	73.0	9.3	30.0	HSC2M1073R15	MA06603	189.66
10.0	10.0	2.0	15.0	73.0	9.3	30.0	HSC2M1073R20	MA06604	189.66
12.0	12.0	0.5	15.0	74.0	11.2	24.0	HSC2M1274R05	MA06621	243.34
12.0	12.0	1.0	15.0	74.0	11.2	24.0	HSC2M1274R10	MA06622	243.34
12.0	12.0	1.5	15.0	74.0	11.2	24.0	HSC2M1274R15	MA06623	243.34
12.0	12.0	2.0	15.0	74.0	11.2	24.0	HSC2M1274R20	MA06624	243.34

**WHISPERMILL - 30° HELIX - AINI COATED - CORNER RAD - 4 FLUTE**  
**WHISPERMILL - HELICE 30° - AINI - 4 CANNELURES**

**MA08**



**WhisperMill HSC**  
Solid Carbide

DIA(e8)	SHANK (h6) QUEUE (h6)	RAD	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK LG LG COU	NO	CODE	\$ EA \$ CH
6.0	6.0	0.5	13.0	58.0	5.5	18.0	HSC4M658R05	MA08561	207.53
6.0	6.0	1.0	13.0	58.0	5.5	18.0	HSC4M658R10	MA08562	207.53
8.0	8.0	0.5	19.0	64.0	7.5	24.0	HSC4M864R05	MA08581	207.53
8.0	8.0	1.0	19.0	64.0	7.5	24.0	HSC4M864R10	MA08582	207.53
8.0	8.0	1.5	19.0	64.0	7.5	24.0	HSC4M864R15	MA08583	207.53
8.0	8.0	2.0	19.0	64.0	7.5	24.0	HSC4M864R20	MA08584	207.53
10.0	10.0	0.5	22.0	73.0	9.3	30.0	HSC4M1073R05	MA08601	257.64
10.0	10.0	1.0	22.0	73.0	9.3	30.0	HSC4M1073R10	MA08602	257.64
10.0	10.0	1.5	22.0	73.0	9.3	30.0	HSC4M1073R15	MA08603	257.64
10.0	10.0	2.0	22.0	73.0	9.3	30.0	HSC4M1073R20	MA08604	257.64
12.0	12.0	0.5	26.0	84.0	11.2	36.0	HSC4M1284R05	MA08621	257.64
12.0	12.0	1.0	26.0	84.0	11.2	36.0	HSC4M1284R10	MA08622	257.64
12.0	12.0	1.5	26.0	84.0	11.2	36.0	HSC4M1284R15	MA08623	257.64
12.0	12.0	2.0	26.0	84.0	11.2	36.0	HSC4M1284R20	MA08624	257.64

**WHISPERMILL - 30° HELIX - AINI COATED - 2 FLUTE - SHORT - BALL END**  
**WHISPERMILL - HELICE 30° - AINI - 2 CANNELURES - COURTE - A BOUT SPHERIQUE**

**MA12**



**WhisperMill HSC**  
Solid Carbide

DIA(e8)	SHANK (h6) QUEUE (h6)	RAD	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK LG LG COU	NO	CODE	\$ EA \$ CH
2.0	6.0	-	4.0	51	-	-	HSC04-2BS	MA12502	103.78
3.0	6.0	-	4.0	51	-	-	HSC06-2BS	MA12503	121.65
4.0	6.0	-	4.0	51	-	-	HSC08-2BS	MA12504	121.65
6.0	6.0	-	6.0	51	-	-	HSC10-2BS	MA12505	121.65
6.0	6.0	-	6.0	58	-	-	HSC12-2BS	MA12506	121.65

**WHISPERMILL - 30° HELIX - AINI COATED - 2 FLUTE - MEDIUM - BALL END**  
**WHISPERMILL - HELICE 30° - AINI - 2 CANNELURES - MOYEN - A BOUT SPHERIQUE**

**MA14**



**WhisperMill HSC**  
Solid Carbide

DIA(ø)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK WD LRG COU	NO	CODE	\$ EA \$ CH
2.0	6.0	6.0	51.0	-	-	HSC04-2B	MA14502	103.76
3.0	6.0	10.0	51.0	-	-	HSC06-2B	MA14503	121.65
4.0	6.0	10.0	51.0	-	-	HSC08-2B	MA14504	121.65
5.0	6.0	10.0	51.0	-	-	HSC10-2B	MA14505	121.65
6.0	6.0	12.0	58.0	5.5	18.0	HSC12-2B	MA14506	121.65
7.0	8.0	12.0	64.0	6.5	24.0	HSC14-2B	MA14507	135.99
8.0	8.0	12.0	64.0	7.5	24.0	HSC16-2B	MA14508	135.99
10.0	10.0	15.0	73.0	9.3	30.0	HSC20-2B	MA14510	171.77
12.0	12.0	15.0	74.0	11.2	24.0	HSC24-2B	MA14512	229.03
14.0	14.0	20.0	84.0	13.0	36.0	HSC28-2B	MA14514	229.03
16.0	16.0	25.0	93.0	15.0	40.0	HSC32-2B	MA14516	325.63
18.0	18.0	25.0	93.0	17.0	40.0	HSC36-2B	MA14518	325.63
20.0	20.0	25.0	105.0	19.0	50.0	HSC40-2B	MA14520	440.13
25.0	25.0	38.0	109.0	24.0	50.0	HSC50-2B	MA14525	722.81

**WHISPERMILL - 30° HELIX - AINI COATED - 2 FLUTE - LONG - BALL END**  
**WHISPERMILL - HELICE 30° - AINI - 2 CANNELURES - LONGUE - A BOUT SPHERIQUE**

**MA16**



**WhisperMill HSC**  
Solid Carbide

DIA(ø)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK WD LRG COU	NO	CODE	\$ EA \$ CH
2.0	6.0	6.0	60.0	1.8	20.0	HSC04-2B60	MA16502	128.80
3.0	6.0	8.0	70.0	2.8	20.0	HSC06-2B70	MA16503	128.80
4.0	6.0	12.0	70.0	3.8	20.0	HSC08-2B70	MA16504	128.80
5.0	8.0	12.0	80.0	4.6	20.0	HSC10-2B80	MA16505	121.65
6.0	6.0	12.0	80.0	5.5	30.0	HSC12-2B80	MA16506	121.65
7.0	8.0	12.0	90.0	6.5	40.0	HSC14-2B90	MA16507	121.65
8.0	8.0	12.0	90.0	7.5	40.0	HSC16-2B90	MA16508	161.03
10.0	10.0	15.0	100.0	9.3	50.0	HSC20-2B100	MA16510	178.91
12.0	12.0	15.0	110.0	11.2	50.0	HSC24-2B110	MA16512	293.42
14.0	14.0	20.0	120.0	13.0	60.0	HSC28-2B120	MA16514	293.42
18.0	16.0	25.0	140.0	15.0	80.0	HSC32-2B140	MA16516	422.26
18.0	18.0	25.0	140.0	17.0	80.0	HSC36-2B140	MA16518	422.26
20.0	20.0	25.0	160.0	19.0	100.0	HSC40-2B160	MA16520	594.01
25.0	25.0	38.0	180.0	24.0	100.0	HSC50-2B180	MA16525	1331.13



**WHISPERMILL - 30° HELIX - AINI COATED - 4 FLUTE - MEDIUM - BALL END**  
**WHISPERMILL - HELICE 30° - AINI - 4 CANNELURES - MOYEN - A BOUT SPHERIQUE**

**MA18**



**WhisperMill HSC**  
 Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK WD LRG COU	NO	CODE	\$ EA \$ CH
4.0	6.0	10.0	51.0	-	-	HSC08-4B	MA18504	128.80
5.0	6.0	10.0	51.0	-	-	HSC10-4B	MA18505	128.80
6.0	6.0	12.0	58.0	5.5	18.0	HSC12-4B	MA18506	128.80
8.0	8.0	12.0	64.0	7.5	24.0	HSC16-4B	MA18508	153.88
10.0	10.0	15.0	73.0	9.3	30.0	HSC20-4B	MA18510	178.91
12.0	12.0	15.0	74.0	11.2	24.0	HSC24-4B	MA18512	189.66
16.0	16.0	25.0	93.0	15.0	40.0	HSC32-4B	MA18516	268.39
20.0	20.0	25.0	105.0	19.0	50.0	HSC40-4B	MA18520	436.56

**WHISPERMILL - 30° HELIX - AINI COATED - 4 FLUTE - LONG - BALL END**  
**WHISPERMILL - HELICE 30° - AINI - 4 CANNELURES - LONGUE - A BOUT SPHERIQUE**

**MA20**



**WhisperMill HSC**  
 Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK WD LRG COU	NO	CODE	\$ EA \$ CH
4.0	6.0	12.0	70.0	-	-	HSC08-4B70	MA20504	153.88
5.0	6.0	12.0	80.0	-	-	HSC10-4B80	MA20505	153.88
6.0	6.0	13.0	80.0	5.5	25.0	HSC12-4B80	MA20506	153.88
8.0	8.0	19.0	90.0	7.5	40.0	HSC16-4B90	MA20508	171.77
10.0	10.0	22.0	100.0	9.3	50.0	HSC20-4B100	MA20510	225.44
12.0	12.0	26.0	110.0	11.2	50.0	HSC24-4B110	MA20512	325.63
16.0	16.0	32.0	140.0	15.0	80.0	HSC32-4B140	MA20516	429.40
20.0	20.0	38.0	160.0	19.0	100.0	HSC40-4B160	MA20520	876.70

**WHISPERMILL - 45° HELIX - 2 FLUTE - FOR ALUMINUM**  
**WHISPERMILL - HELICE 45° - 2 CANNELURES - POUR ALUMINIUM**

**MA22**



**WhisperMill HSC**  
 Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK WD LRG COU	NO	CODE	\$ EA \$ CH
6.0	6.0	6.0	51.0	5.0	12.0	HSM2M851	MA22506	124.34
8.0	8.0	8.0	59.0	7.0	16.0	HSM2M859	MA22508	161.64
10.0	10.0	10.0	67.0	9.0	20.0	HSM2M1067	MA22510	179.09
12.0	12.0	10.0	74.0	11.0	24.0	HSM2M1274	MA22512	242.59
16.0	16.0	10.0	83.0	15.0	32.0	HSM2M1683	MA22516	347.29
20.0	20.0	15.0	93.0	19.0	40.0	HSM2M2093	MA22520	481.28
25.0	25.0	15.0	109.0	24.0	50.0	HSM2M25109	MA22525	722.81

**WHISPERMILL - 45° HELIX - 3 FLUTE - FOR ALUMINUM**  
**WHISPERMILL - HELICE 45° - 3 CANNELURES - POUR ALUMINIUM**

**MA24**



**WhisperMill HSC**  
Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK WD LRG COU	NO	CODE	\$ EA \$ CH
6.0	6.0	6.0	51.0	5.0	12.0	HSM3M651	MA24506	122.56
8.0	8.0	8.0	59.0	7.0	16.0	HSM3M859	MA24508	154.20
10.0	10.0	10.0	67.0	9.0	20.0	HSM3M1067	MA24510	193.21
12.0	12.0	10.0	74.0	11.0	24.0	HSM3M1274	MA24512	270.86
16.0	16.0	10.0	83.0	15.0	32.0	HSM3M1683	MA24516	342.44
18.0	18.0	15.0	93.0	17.0	36.0	HSM3M1893	MA24518	490.22
20.0	20.0	15.0	93.0	19.0	40.0	HSM3M2093	MA24520	497.39
25.0	25.0	15.0	109.0	24.0	50.0	HSM3M25109	MA24525	722.81

**WHISPERMILL - 45° HELIX - 5 FLUTE - FOR TITANIUM**  
**WHISPERMILL - HELICE 45° - 5 CANNELURES - POUR TITANIUM**

**MA26**



**WhisperMill HSC**  
Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	NECK DIA DIA COU	NECK WD LRG COU	NO	CODE	\$ EA \$ CH
6.0	6.0	6.0	51.0	5.0	12.0	HSM5M651	MA26506	112.15
8.0	8.0	8.0	59.0	7.0	16.0	HSM5M859	MA26508	133.82
10.0	10.0	10.0	67.0	9.0	20.0	HSM5M1067	MA26510	177.11
12.0	12.0	10.0	74.0	11.0	24.0	HSM5M1274	MA26512	251.91
16.0	16.0	10.0	83.0	15.0	32.0	HSM5M1683	MA26516	330.63
18.0	18.0	15.0	105.0	17.0	36.0	HSM5M18105	MA26518	436.93
20.0	20.0	15.0	111.5	19.0	40.0	HSM5M20111	MA26520	444.78

**WHISPERMILL - 52° HELIX - 6 FLUTE - FOR HARDENED STEEL**  
**WHISPERMILL - HELICE 52° - 6 CANNELURES - POUR ACIER RECTIFIER**

**MA50**



**WhisperMill HSC**  
Solid Carbide

DIA(ø8)	SHANK (h6) QUEUE (h6)	LOC LG FR	LENGTH LONGEUR	FLUTES CANN	NO	CODE	\$ EA \$ CH
6.0	6.0	13.0	58.0	6	HSC6M658	MA50506	121.65
8.0	8.0	19.0	64.0	6	HSC6M864	MA50508	153.88
10.0	10.0	22.0	73.0	6	HSC6M1073	MA50510	178.91
12.0	12.0	26.0	84.0	6	HSC6M1284	MA50512	178.91
16.0	16.0	32.0	93.0	6	HSC6M1693	MA50516	368.58
20.0	20.0	38.0	105.0	6	HSC6M20105	MA50520	490.22



**SOLID CARBIDE BUR - CYLINDER SHAPE**  
**FRAISES LIMES - EN CARBURE - CYLINDRIQUE**

**SC90-91**



**SA**

NO	DIAMETER	LENGTH OF CUT	DOUBLE CUT	\$ EA	SINGLE CUT	\$ EA
	DIAMÈTRE	LONGEUR DE COUPE	DENTURE CROISEE	\$ CH	DENTURE STANDARD	\$ CH
SA-12	1/8	5/8	SC90002	23.28	SC91002	23.28
SA-13	5/32	5/8	SC90003	23.28	SC91003	23.28
SA-14	3/16	5/8	SC90004	23.28	SC91004	23.28
SA-1	1/4	5/8	SC90005	23.28	SC91005	23.28
SA-1L	1/4	1"	SC90006	33.73	SC91006	33.73
SA-2	5/16	3/4	SC90007	30.40	SC91007	30.40
SA-3	3/8	3/4	SC90008	32.80	SC91008	32.80
SA-3L	3/8	1"	SC90009	38.87	SC91009	38.87
SA-3X	3/8	1-1/2	SC90010	43.13	SC91010	43.13
SA-4	7/16	1"	SC90011	47.37	SC91011	47.37
SA-5	1/2	1"	SC90012	51.08	SC91012	51.08
SA-6	5/8	1"	SC90013	64.35	SC91013	64.35
SA-7	3/4	1"	SC90014	95.78	SC91014	95.78
SA-15	3/4	1/2	SC90015	87.10	SC91015	87.10
SA-16	3/4	3/4	SC90016	95.78	SC91016	95.78
SA-8	7/8	1"	SC90017	120.49	SC91017	120.49
SA-9	1"	1"	SC90018	133.98	SC91018	133.98

**SOLID CARBIDE BUR - CYLINDER SHAPE WITH END CUT**  
**FRAISES LIMES - EN CARBURE - CYLINDRIQUE AVEC DENTURE EN BOUT**

**SC90-91**



**SB**

NO	DIAMETER	LENGTH OF CUT	DOUBLE CUT	\$ EA	SINGLE CUT	\$ EA
	DIAMÈTRE	LONGEUR DE COUPE	DENTURE CROISEE	\$ CH	DENTURE STANDARD	\$ CH
SB-12	1/8	5/8	SC90020	25.22	SC91020	25.22
SB-13	5/32	5/8	SC90021	25.22	SC91021	25.22
SB-14	3/16	5/8	SC90022	25.22	SC91022	25.22
SB-1	1/4	5/8	SC90023	25.22	SC91023	25.22
SB-1L	1/4	1"	SC90024	37.34	SC91024	37.34
SB-2	5/16	3/4	SC90025	33.51	SC91025	33.51
SB-3	3/8	3/4	SC90026	35.97	SC91026	35.97
SB-3L	3/8	1"	SC90027	42.80	SC91027	42.80
SB-3X	3/8	1-1/2	SC90028	44.72	SC91028	44.72
SB-4	7/16	1"	SC90029	52.32	SC91029	52.32
SB-5	1/2	1"	SC90030	56.19	SC91030	56.19
SB-6	5/8	1"	SC90031	70.63	SC91031	70.63
SB-7	3/4	1"	SC90032	105.39	SC91032	105.39
SB-15	3/4	1/2	SC90033	95.78	SC91033	95.78
SB-16	3/4	3/4	SC90034	105.39	SC91034	105.39
SB-8	7/8	1"	SC90035	132.70	SC91035	132.70
SB-9	1"	1"	SC90036	147.38	SC91036	147.38

**SOLID CARBIDE BUR - CYLINDER SHAPE WITH RADIUS END**  
**FRAISES LIMES - EN CARBURE - CYLINDRIQUE A BOUT HEMISPHERIQUE**

**SC90-91**



**SC**

**CARBIDE TOOLS**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
SC-11	1/8	1/2	SC90037	27.08	SC91037	27.08
SC-12	1/8	5/8	SC90038	27.08	SC91038	27.08
SC-13	5/32	5/8	SC90039	27.08	SC91039	27.08
SC-14	3/16	5/8	SC90040	27.08	SC91040	27.08
SC-1	1/4	5/8	SC90041	27.08	SC91041	27.08
SC-1L	1/4	1"	SC90042	36.94	SC91042	36.94
SC-2	5/16	3/4	SC90043	33.20	SC91043	33.20
SC-3	3/8	3/4	SC90044	36.39	SC91044	36.39
SC-3L	3/8	1"	SC90045	42.93	SC91045	42.93
SC-3X	3/8	1-1/2	SC90046	47.05	SC91046	47.05
SC-4	7/16	1"	SC90047	52.03	SC91047	52.03
SC-5	1/2	1"	SC90048	57.28	SC91048	57.28
SC-6	5/8	1"	SC90049	72.09	SC91049	72.09
SC-7	3/4	1"	SC90050	103.45	SC91050	103.45
SC-15	3/4	1/2	SC90051	94.13	SC91051	94.13
SC-16	3/4	3/4	SC90052	103.45	SC91052	103.45
SC-9	1"	1"	SC90053	156.81	SC91053	156.81

**SOLID CARBIDE BUR - BALL SHAPE**  
**FRAISES LIMES - EN CARBURE - SPHERIQUE**

**SC90-91**



**SD**

**OUTILS EN CARBURE**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
SD-11	1/8	3/32	SC90054	24.94	SC91054	24.94
SD-14	3/16	1/8	SC90055	24.94	SC91055	24.94
SD-1	1/4	3/16	SC90056	24.94	SC91056	24.94
SD-2	5/16	1/4	SC90057	26.80	SC91057	26.80
SD-3	3/8	5/16	SC90058	29.89	SC91058	29.89
SD-4	7/16	3/8	SC90059	25.91	SC91059	25.91
SD-5	1/2	7/16	SC90060	40.31	SC91060	40.31
SD-6	5/8	9/16	SC90061	49.97	SC91061	49.97
SD-7	3/4	11/16	SC90062	68.99	SC91062	68.99
SD-9	1"	15/16	SC90063	118.55	SC91063	118.55



**SOLID CARBIDE BUR - OVAL SHAPE**  
**FRAISES LIMES - EN CARBURE - OVOIDE**

**SC90-91**



**SE**

NO	DIAMETER	LENGTH OF CUT	DOUBLE CUT	\$ EA	SINGLE CUT	\$ EA
	DIAMÈTRE	LONGEUR DE COUPE	DENTURE CROISEE	\$ CH	DENTURE STANDARD	\$ CH
SE-11	3/16	5/16	SC90064	30.40	SC91064	30.40
SE-1	1/4	3/8	SC90065	30.40	SC91065	30.40
SE-3	3/8	5/8	SC90066	36.39	SC91066	36.39
SE-5	1/2	7/8	SC90067	53.35	SC91067	53.35
SE-6	5/8	1"	SC90068	74.16	SC91068	74.16
SE-7	3/4	1"	SC90069	99.51	SC91069	99.51

**SOLID CARBIDE BUR - TREE SHAPE - WITH RADIUS END**  
**FRAISES LIMES - EN CARBURE - OGIVE BOUT HEMISPHERIQUE**

**SC90-91**



**SF**

NO	DIAMETER	LENGTH OF CUT	DOUBLE CUT	\$ EA	SINGLE CUT	\$ EA
	DIAMÈTRE	LONGEUR DE COUPE	DENTURE CROISEE	\$ CH	DENTURE STANDARD	\$ CH
SF-11	1/8	1/2	SC90070	28.23	SC91070	28.23
SF-1	1/4	5/8	SC90071	28.23	SC91071	28.23
SF-3	3/8	3/4	SC90072	35.70	SC91072	35.70
SF-4	7/16	1"	SC90073	49.54	SC91073	49.54
SF-5	1/2	1"	SC90074	52.73	SC91074	52.73
SF-13	1/2	3/4	SC90075	52.73	SC91075	52.73
SF-6	5/8	1"	SC90076	72.83	SC91076	72.83
SF-7	3/4	1"	SC90077	95.78	SC91077	95.78
SF-14	3/4	1-1/4	SC90078	120.48	SC91078	120.48
SF-15	3/4	1-1/2	SC90079	141.50	SC91079	141.50

**SOLID CARBIDE BUR - TREE SHAPE - POINTED END**  
**FRAISES LIMES - EN CARBURE - OGIVE BOUT - POINTU**

**SC90-91**



**SG**

NO	DIAMETER	LENGTH OF CUT	DOUBLE CUT	\$ EA	SINGLE CUT	\$ EA
	DIAMÈTRE	LONGEUR DE COUPE	DENTURE CROISEE	\$ CH	DENTURE STANDARD	\$ CH
SG-1	1/4	5/8	SC90080	28.23	SC91080	28.23
SG-2	5/16	3/4	SC90081	34.32	SC91081	34.32
SG-3	3/8	3/4	SC90082	38.05	SC91082	38.05
SG-5	1/2	1"	SC90083	51.70	SC91083	51.70
SG-13	1/2	3/4	SC90084	51.70	SC91084	51.70
SG-6	5/8	1"	SC90085	71.99	SC91085	71.99
SG-7	3/4	1"	SC90086	95.78	SC91086	95.78
SG-15	3/4	1/2	SC90087	141.50	SC91087	141.50

**SOLID CARBIDE BUR - FLAME SHAPE**  
**FRAISES LIMES - EN CARBURE - FORME EN FLAMME**

**SC90-91**



**SH**

NO	DIAMETER	LENGTH OF CUT	DOUBLE CUT	\$ EA	SINGLE CUT	\$ EA
	DIAMÈTRE	LONGEUR DE COUPE	DENTURE CROISEE	\$ CH	DENTURE STANDARD	\$ CH
SH-1	1/4	5/8	SC90088	33.20	SC91088	33.20
SH-2	5/16	3/4	SC90089	37.43	SC91089	37.43
SH-5	1/2	1-1/4	SC90090	76.34	SC91090	76.34
SH-6	5/8	1-7/16	SC90091	105.39	SC91091	105.39
SH-7	3/4	1-5/8	SC90092	133.84	SC91092	133.84

**SOLID CARBIDE BUR - 60° CONE SHAPE**  
**FRAISES LIMES - EN CARBURE - CONIQUE 60°**

**SC90-91**

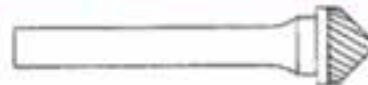


**SJ**

NO	DIAMETER	LENGTH OF CUT	DOUBLE CUT	\$ EA	SINGLE CUT	\$ EA
	DIAMÈTRE	LONGEUR DE COUPE	DENTURE CROISEE	\$ CH	DENTURE STANDARD	\$ CH
SJ-1	1/4	3/16	SC90093	24.94	SC91093	24.94
SJ-3	3/8	5/16	SC90094	32.46	SC91094	32.46
SJ-5	1/2	7/16	SC90095	39.63	SC91095	39.63
SJ-6	5/8	9/16	SC90096	52.73	SC91096	52.73
SJ-7	3/4	11/16	SC90097	69.21	SC91097	69.21
SJ-9	1"	15/16	SC90098	110.97	SC91098	110.97
SJ-42	1/8	3/32	SC90174	13.66	SC91174	13.66

**SOLID CARBIDE BUR - 90° CONE SHAPE**  
**FRAISES LIMES - EN CARBURE - CONIQUE 90°**

**SC90-91**



**SK**

NO	DIAMETER	LENGTH OF CUT	DOUBLE CUT	\$ EA	SINGLE CUT	\$ EA
	DIAMÈTRE	LONGEUR DE COUPE	DENTURE CROISEE	\$ CH	DENTURE STANDARD	\$ CH
SK-1	1/4	1/8	SC90099	24.94	SC91099	24.94
SK-3	3/8	3/16	SC90100	32.46	SC91100	32.46
SK-5	1/2	1/4	SC90101	39.63	SC91101	39.63
SK-6	5/8	5/16	SC90102	52.73	SC91102	52.73
SK-7	3/4	3/8	SC90103	69.21	SC91103	69.21
SK-9	1"	1/2	SC90104	110.96	SC91104	110.96



**SOLID CARBIDE BUR - TAPER RADIUS END 14°**  
**FRAISES LIMES - EN CARBURE - CONIQUE BOUT HEMISPHERIQUE 14°**

**SC90-91**



**SL**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT DENTURE CROISEE	\$ EA \$ CH	SINGLE CUT DENTURE STANDARD	\$ EA \$ CH
SL-1	1/4	5/8	SC90105	28.95	SC91105	28.95
SL-2	5/16	7/8	SC90106	37.96	SC91106	37.96
SL-3	3/8	1-1/16	SC90107	45.52	SC91107	45.52
SL-4	1/2	1-1/8	SC90108	55.63	SC91108	55.63
SL-5	5/8	1-3/16	SC90109	99.39	SC91109	99.39
SL-6	5/8	1-5/16	SC90110	109.53	SC91110	109.53
SL-7	3/4	1-1/2	SC90111	144.47	SC91111	144.47

**SOLID CARBIDE BUR - CONE SHAPE**  
**FRAISES LIMES - EN CARBURE - CONIQUE BOUT POINTU**

**SC90-91**

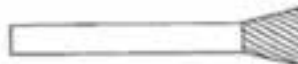


**SM**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT DENTURE CROISEE	\$ EA \$ CH	SINGLE CUT DENTURE STANDARD	\$ EA \$ CH
SM-1	1/4	1/2	SC90112	27.39	SC91112	27.39
SM-2	1/4	3/4	SC90113	28.95	SC91113	28.95
SM-3	1/4	1"	SC90114	30.92	SC91114	30.92
SM-4	3/8	5/8	SC90115	45.61	SC91115	45.61
SM-5	1/2	7/8	SC90116	57.19	SC91116	57.19
SM-6	5/8	1"	SC90117	76.34	SC91117	76.34

**SOLID CARBIDE BUR - INVERTED CONE SHAPE**  
**FRAISES LIMES - EN CARBURE - CONIQUE INVERSEE**

**SC90-91**



**SN**

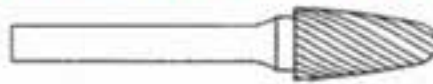
NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT DENTURE CROISEE	\$ EA \$ CH	SINGLE CUT DENTURE STANDARD	\$ EA \$ CH
SN-1	1/4	5/16	SC90118	24.94	SC91118	24.94
SN-2	3/8	3/8	SC90119	32.46	SC91119	32.46
SN-4	1/2	1/2	SC90120	39.63	SC91120	39.63
SN-6	5/8	3/4	SC90121	52.73	SC91121	52.73
SN-7	3/4	5/8	SC90122	69.21	SC91122	69.21





**SOLID CARBIDE BUR - 1/8" SHANK**  
**FRAISES LIMES - EN CARBURE - QUEUE 1/8"**

**SC90-91**



**1/8" SHANK**

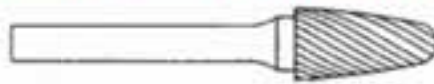
**CARBIDE TOOLS**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT DENTURE CROISEE	\$ EA \$ CH	SINGLE CUT DENTURE STANDARD	\$ EA \$ CH
<b>2" Overall Length</b>						
<b>Longeur De 2"</b>						
SA-43L2	1/8	9/16	SC90190	18.81	SC91190	18.81
SC-42L2	1/8	9/16	SC90191	18.81	SC91191	18.81
SD-42L2	1/8	1/8	SC90192	18.81	SC91192	18.81
SE-41L2	1/8	7/32	SC90193	18.81	SC91193	18.81
SF-42L2	1/8	1/2	SC90194	18.81	SC91194	18.81
SG-44L2	1/8	1/2	SC90195	18.81	SC91195	18.81
SH-41L2	1/8	1/4	SC90196	18.81	SC91196	18.81
SH-42L2	1/8	1/2	SC90197	18.81	SC91197	18.81
SM-42L2	1/8	7/16	SC90198	18.81	SC91198	18.81
<b>3" Overall Length</b>						
<b>Longeur De 3"</b>						
SA-43L3	1/8	9/16	SC90200	21.32	SC91200	21.32
SC-42L3	1/8	9/16	SC90201	21.32	SC91201	21.32
SD-42L3	1/8	1/8	SC90202	21.32	SC91202	21.32
SE-41L3	1/8	7/32	SC90203	21.32	SC91203	21.32
SF-42L3	1/8	1/2	SC90204	21.32	SC91204	21.32
SG-44L3	1/8	1/2	SC90205	21.32	SC91205	21.32
SH-41L3	1/8	1/4	SC90206	21.32	SC91206	21.32
SH-42L3	1/8	1/2	SC90207	21.32	SC91207	21.32
SM-42L3	1/8	7/16	SC90208	21.32	SC91208	21.32
<b>1/4" Diameter - 1/8" Hardened Shank</b>						
<b>Diamètre De 1/4" - Queue 1/8" Durci</b>						
SA-51	1/4	1/2	SC90400	22.32	SC91400	22.32
SB-51	1/4	3/16	SC90401	22.32	SC91401	22.32
SC-51	1/4	1/2	SC90402	22.32	SC91402	22.32
SD-51	1/4	1/4	SC90403	22.32	SC91403	22.32
SE-51	1/4	3/8	SC90404	22.32	SC91404	22.32
SF-51	1/4	1/2	SC90405	22.32	SC91405	22.32
SG-51	1/4	1/2	SC90406	22.32	SC91406	22.32
SM-51	1/4	1/2	SC90407	22.32	SC91407	22.32
SN-51	1/4	1/4	SC90408	22.32	SC91408	22.32

**OUTILS EN CARBURE**

**SOLID CARBIDE BUR  
FRAISES LIMES - EN CARBURE**

**SC90-91**



**CARBIDE TOOLS**

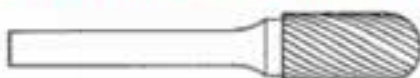
**OUTILS EN CARBURE**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT DENTURE CROISEE	\$ EA \$ CH	SINGLE CUT DENTURE STANDARD	\$ EA \$ CH
<i>3/32" Shank - 1-1/4" Overall</i>						
<i>Queue De 3/32" - Longueur De 1-1/4"</i>						
SA-61	1/16	1/4	SC90300	15.66	SC91300	15.66
SA-63	3/32	3/8	SC90301	15.66	SC91301	15.66
SC-61	3/32	3/8	SC90302	15.66	SC91302	15.66
SD-61	3/32	3/32	SC90303	15.66	SC91303	15.66
SE-61	3/32	1/8	SC90304	15.66	SC91304	15.66
SF-61	3/32	1/4	SC90305	15.66	SC91305	15.66
SG-61	3/32	1/4	SC90306	15.66	SC91306	15.66
SM-61	3/32	1/4	SC90307	15.66	SC91307	15.66
SN-61	3/32	1/8	SC90308	15.66	SC91308	15.66
<i>3/16" Shank - 2" Overall</i>						
<i>Queue De 3/16" - Longueur De 2"</i>						
SA-81	3/16	1/2	SC90420	24.40	SC91420	24.40
SC-81	3/16	1/2	SC90421	24.40	SC91421	24.40
SD-81	3/16	3/16	SC90422	24.40	SC91422	24.40
SE-81	3/16	9/32	SC90423	24.40	SC91423	24.40
SF-81	3/16	1/2	SC90424	24.40	SC91424	24.40
SG-81	3/16	1/2	SC90425	24.40	SC91425	24.40
SL-81	3/16	7/16	SC90426	24.40	SC91426	24.40
SN-81	3/16	1/4	SC90427	24.40	SC91427	24.40
<i>1/8" Shank - One Piece Construction</i>						
<i>Queue De 1/8" - Solide</i>						
SA-52	5/32	1/2	SC90430	32.80	SC91430	32.80
SA-53	3/16	1/2	SC90431	32.80	SC91431	32.80
SC-52	5/32	1/2	SC90432	32.80	SC91432	32.80
SC-53	3/16	1/2	SC90433	32.80	SC91433	32.80
SD-53	3/16	3/16	SC90434	32.80	SC91434	32.80
SE-53	3/16	9/32	SC90435	32.80	SC91435	32.80
SF-53	3/16	1/2	SC90436	32.80	SC91436	32.80
SG-53	3/16	1/2	SC90437	32.80	SC91437	32.80
SH-53	3/16	3/8	SC90438	32.80	SC91438	32.80
SL-53	3/16	1/2	SC90439	32.80	SC91439	32.80
SM-53	3/16	1/2	SC90440	32.80	SC91440	32.80
SN-53	3/16	1/4	SC90441	32.80	SC91441	32.80



**SOLID CARBIDE BUR - 6" LONG SHANK**  
**FRAISES LIMES - EN CARBURE - QUEUE DE LONGUEUR 6"**

**SC90-91**



SA SC

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGUEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
<i>Cylindrical Shape With Square End - Cylindrique Avec Bout Carré</i>						
SA-1L6	1/4	1/2	SC90601	30.40	SC91601	30.40
SA-3L6	3/8	3/4	SC90602	30.40	SC91602	30.40
SA-5L6	1/2	1"	SC90603	36.39	SC91603	36.39
<i>Cylindrical Shape With Radius End - Cylindrique Avec Bout Sphérique</i>						
SC-1L6	1/4	1/2	SC90604	37.82	SC91604	37.82
SC-3L6	3/8	3/4	SC90605	50.94	SC91605	50.94
SC-5L6	1/2	1"	SC90606	80.08	SC91606	80.08

**SOLID CARBIDE BUR - 6" LONG SHANK**  
**FRAISES LIMES - EN CARBURE - QUEUE DE LONGUEUR 6"**

**SC90-91**



SD

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGUEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
SD-1L6	1/4	3/16	SC90607	34.92	SC91607	34.92
SD-3L6	3/8	5/16	SC90608	41.90	SC91608	41.90
SD-5L6	1/2	7/16	SC90609	56.40	SC91609	56.40

**SOLID CARBIDE BUR - 6" LONG SHANK**  
**FRAISES LIMES - EN CARBURE - QUEUE DE LONGUEUR 6"**

**SC90-91**

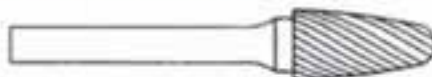


SE

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGUEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
SE-1L6	1/4	3/8	SC90610	42.03	SC91610	42.03
SE-3L6	3/8	5/8	SC90611	50.94	SC91611	50.94
SE-5L6	1/2	7/8	SC90612	74.60	SC91612	74.60

**SOLID CARBIDE BUR - 6" LONG SHANK**  
**FRAISES LIMES - EN CARBURE - QUEUE DE LONGUEUR 6"**

**SC90-91**



SF

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGUEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
SF-1L6	1/4	1/2	SC90613	39.46	SC91613	39.46
SF-3L6	3/8	3/4	SC90614	49.90	SC91614	49.90
SF-5L6	1/2	1"	SC90615	73.58	SC91615	73.58

**SOLID CARBIDE BUR - 6" LONG SHANK**  
**FRAISES LIMES - EN CARBURE - QUEUE DE LONGEUR 6"**

**SC90-91**



**SG**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
SG-1L6	1/4	1/2	SC90616	39.46	SC91616	39.46
SG-3L6	3/8	3/4	SC90617	53.09	SC91617	53.09
SG-5L6	1/2	1"	SC90618	72.54	SC91618	72.54

**SOLID CARBIDE BUR - 6" LONG SHANK**  
**FRAISES LIMES - EN CARBURE - QUEUE DE LONGEUR 6"**

**SC90-91**



**SH**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
SH-2L6	5/16	3/4	SC90619	52.37	SC91619	52.37
SH-5L6	1/2	1-1/4	SC90620	106.63	SC91620	106.63

**SOLID CARBIDE BUR - 6" LONG SHANK**  
**FRAISES LIMES - EN CARBURE - QUEUE DE LONGEUR 6"**

**SC90-91**



**SL**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	DOUBLE CUT		SINGLE CUT	
			DENTURE CROISEE	\$ EA \$ CH	DENTURE STANDARD	\$ EA \$ CH
SL-1L6	1/4	5/8	SC90621	40.40	SC91621	40.40
SL-3L6	3/8	1-1/16	SC90622	63.64	SC91622	63.64
SL-4L6	1/2	1-1/8	SC90623	77.91	SC91623	77.91

**SOLID CARBIDE BUR**  
**FRAISES LIMES - EN CARBURE**

**SC90-91**



**SET**

SET CONTENTS CONTENU D'ENSEMBLE	SINGLE CUT DENTURE STANDARD	\$ EA \$ CH
SA-5 SC-3 SC-5 SD-5 SF-3 SF-5 SG-3 SL-4	SC90801	399.41
SA-61 SA-63 SC-61 SD-61 SE-61 SF-61 SG-61 SM-61 SN-61	SC90802	172.42
SA-81 SC-81 SD-81 SE-81 SF-81 SG-81 SL-81 SN-81	SC90803	227.20
SA-51 SB-51 SC-51 SD-51 SE-51 SF-51 SG-51 SM-51 SN-51	SC90804	233.01
SA-52 SA-53 SC-52 SC-53 SD-53 SE-53 SF-53 SG-53 SH-53 SL-53 SM-53 SN-53	SC90805	424.88
SA-42 SA-43 SC-41 SC-42 SD-42 SE-41 SF-42 SG-43 SH-41 SL-42 SM-42 SN-42	SC90806	195.49



**SOLID CARBIDE BUR FOR NONFERROUS MATERIAL - CYLINDER SHAPE**  
**FRAISES LIMES - EN CARBURE - DENTURE ALU - CYLINDRIQUE**

**SC95**



**SA**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	SHANK DIA DIA QUEUE	ALU CUT DENTURE ALU	\$ EA \$ CH
SA-1NF	1/4	3/4	1/4	SC95001	31.65
SA-3NF	3/8	3/4	1/4	SC95002	47.37
SA-5NF	1/2	1"	1/4	SC95003	69.39
SA-6NF	5/8	1"	1/4	SC95004	85.24
SA-7NF	3/4	1"	1/4	SC95005	116.90
SA7NF3/8	3/4	1"	3/8	SC95006	122.47

**SOLID CARBIDE BUR FOR NONFERROUS MATERIAL - CYLINDER SHAPE WITH RADIUS END**  
**FRAISES LIMES - EN CARBURE - DENTURE ALU - CYLINDRIQUE A BOUT HEMISPHERIQUE**

**SC95**



**SC**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	SHANK DIA DIA QUEUE	ALU CUT DENTURE ALU	\$ EA \$ CH
SC-1NF	1/4	3/4	1/4	SC95019	35.36
SC-3NF	3/8	3/4	1/4	SC95020	47.37
SC-5NF	1/2	1"	1/4	SC95021	69.39
SC-6NF	5/8	1"	1/4	SC95022	105.71
SC-7NF	3/4	1"	1/4	SC95023	145.24
SC7NF3/8	3/4	1"	3/8	SC95024	150.90

**SOLID CARBIDE BUR FOR NONFERROUS MATERIAL - BALL SHAPE**  
**FRAISES LIMES - EN CARBURE - DENTURE ALU - SPHERIQUE**

**SC95**



**SD**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	SHANK DIA DIA QUEUE	ALU CUT DENTURE ALU	\$ EA \$ CH
SD-1NF	1/4	3/4	1/4	SC95007	34.95
SD-3NF	3/8	3/8	1/4	SC95008	39.00
SD-5NF	1/2	1/2	1/4	SC95009	55.84
SD-6NF	5/8	5/8	1/4	SC95010	100.96
SD-7NF	3/4	3/4	1/4	SC95011	170.65
SD7NF3/8	3/4	3/4	3/8	SC95012	176.33

**SOLID CARBIDE BUR FOR NONFERROUS MATERIAL - OVAL SHAPE**  
**FRAISES LIMES - EN CARBURE - DENTURE ALU - OVOIDE**

**SC95**

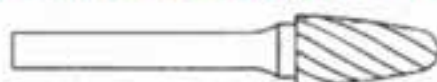


**SE**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	SHANK DIA DIA QUEUE	ALU CUT DENTURE ALU	\$ EA \$ CH
SE-3NF	3/8	5/8	1/4	SC95025	51.29
SE-5NF	1/2	7/8	1/4	SC95026	63.20
SE-6NF	5/8	1"	1/4	SC95027	113.78
SE-7NF	3/4	1"	1/4	SC95028	151.63
SE7NF3/8	3/4	1"	3/8	SC95029	157.29

**SOLID CARBIDE BUR FOR NONFERROUS MATERIAL - TREE SHAPE - WITH RADIUS END**  
**FRAISES LIMES - EN CARBURE - DENTURE ALU - OGIVE BOUT HEMISPHERIQUE**

**SC95**



**SF**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	SHANK DIA DIA QUEUE	ALU CUT DENTURE ALU	\$ EA \$ CH
SF-1NF	1/4	3/4	1/4	SC95013	35.36
SF-3NF	3/8	3/4	1/4	SC95014	50.16
SF-5NF	1/2	1"	1/4	SC95015	70.35
SF-6NF	5/8	1"	1/4	SC95016	100.96
SF-14NF	3/4	1-1/4	1/4	SC95017	139.22
SF14NF3/8	3/4	1-1/4	3/8	SC95018	144.70

**SOLID CARBIDE BUR FOR NONFERROUS MATERIAL - TAPER RADIUS END 14°**  
**FRAISES LIMES - EN CARBURE - DENTURE ALU - CONIQUE BOUT HEMISPHERIQUE 14°**

**SC95**



**SL**

NO	DIAMETER DIAMÈTRE	LENGTH OF CUT LONGEUR DE COUPE	SHANK DIA DIA QUEUE	ALU CUT DENTURE ALU	\$ EA \$ CH
SL-3NF	3/8	1-1/16	1/4	SC95030	64.22
SL-4NF	1/2	1-1/8	1/4	SC95031	88.55
SL-5NF	5/8	1-3/16	1/4	SC95032	142.19
SL-6NF	5/8	1-5/16	1/4	SC95033	161.14
SL-7NF	3/4	1-1/2	1/4	SC95034	188.97
SL7NF3/8	3/4	1-1/2	3/8	SC95035	194.66



**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE C**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE C**

**SP01**



**STYLE C**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>							
C4	1/4	1/4	2"	C2	12	SP01201	9.93
C5	5/16	5/16	2-1/4	C2	12	SP01202	11.07
C6	3/8	3/8	2-1/2	C2	12	SP01203	11.75
C7	7/16	7/16	3"	C2	12	SP01204	12.82
C8	1/2	1/2	3-1/2	C2	12	SP01205	15.18
C10	5/8	5/8	4"	C2	12	SP01206	21.32
C12	3/4	3/4	4-1/2	C2	12	SP01207	29.10
C16	1"	1"	7"	C2	6	SP01208	45.76
C44	1/2	1"	7"	C2	6	SP01210	21.13
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>							
C4	1/4	1/4	2"	C6	12	SP01501	10.05
C5	5/16	5/16	2-1/4	C6	12	SP01502	11.49
C6	3/8	3/8	2-1/2	C6	12	SP01503	12.00
C7	7/16	7/16	3"	C6	12	SP01504	13.46
C8	1/2	1/2	3-1/2	C6	12	SP01505	15.99
C10	5/8	5/8	4"	C6	12	SP01506	22.89
C12	3/4	3/4	4-1/2	C6	12	SP01507	31.71
C16	1"	1"	7"	C6	6	SP01508	50.24

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE D**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE D**

**SP02**



**STYLE D**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>							
D4	1/4	1/4	2"	C2	12	SP02201	9.07
D5	5/16	5/16	2-1/4	C2	12	SP02202	9.86
D6	3/8	3/8	2-1/2	C2	12	SP02203	10.47
D7	7/16	7/16	3"	C2	12	SP02204	10.52
D8	1/2	1/2	3-1/2	C2	12	SP02205	13.29
D10	5/8	5/8	4"	C2	12	SP02206	18.67
D12	3/4	3/4	4-1/2	C2	12	SP02207	24.16
D16	1"	1"	7"	C2	6	SP02208	35.81
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>							
D4	1/4	1/4	2"	C6	12	SP02501	9.18
D5	5/16	5/16	2-1/4	C6	12	SP02502	9.98
D6	3/8	3/8	2-1/2	C6	12	SP02503	10.93
D7	7/16	7/16	3"	C6	12	SP02504	11.18
D8	1/2	1/2	3-1/2	C6	12	SP02505	14.04
D10	5/8	5/8	4"	C6	12	SP02506	19.72
D12	3/4	3/4	4-1/2	C6	12	SP02507	26.06
D16	1"	1"	7"	C6	6	SP02508	38.63

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE E**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE E**

**SP03**



**STYLE E**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	GRADE		CODE	C\$ EA	
				CAT	PKG		C\$ CH	
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
E4	1/4	1/4	2"	C2	12	SP03201		9.07
E5	5/16	5/16	2-1/4	C2	12	SP03202		9.86
E6	3/8	3/8	2-1/2	C2	12	SP03203		10.47
E7	7/16	7/16	3"	C2	12	SP03204		10.52
E8	1/2	1/2	3-1/2	C2	12	SP03205		13.29
E10	5/8	5/8	4"	C2	12	SP03206		18.67
E12	3/4	3/4	4-1/2	C2	12	SP03207		24.16
E16	1"	1"	7"	C2	6	SP03208		35.81
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
E4	1/4	1/4	2"	C6	12	SP03501		9.18
E5	5/16	5/16	2-1/4	C6	12	SP03502		9.98
E6	3/8	3/8	2-1/2	C6	12	SP03503		10.93
E7	7/16	7/16	3"	C6	12	SP03504		11.18
E8	1/2	1/2	3-1/2	C6	12	SP03505		14.04
E10	5/8	5/8	4"	C6	12	SP03506		19.72
E12	3/4	3/4	4-1/2	C6	12	SP03507		26.06
E16	1"	1"	7"	C6	6	SP03508		38.63

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE AR**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE AR**

**SP04**



**STYLE AR**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	GRADE		CODE	C\$ EA	
				RAD	PKG		C\$ CH	
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
AR4	1/4	1/4	2"	1/64	12	SP04201		9.78
AR5	5/16	5/16	2-1/4	1/64	12	SP04202		11.03
AR6	3/8	3/8	2-1/2	1/64	12	SP04203		11.03
AR7	7/16	7/16	3"	1/32	12	SP04204		11.27
AR8	1/2	1/2	3-1/2	1/32	12	SP04205		13.91
AR10	5/8	5/8	4"	1/32	12	SP04206		18.67
AR12	3/4	3/4	4-1/2	1/32	12	SP04207		22.32
AR16	1"	1"	7"	1/32	6	SP04208		38.38
AR44	1/2	1"	7"	1/32	6	SP04211		19.49
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
AR4	1/4	1/4	2"	1/64	12	SP04501		9.98
AR5	5/16	5/16	2-1/4	1/64	12	SP04502		11.31
AR6	3/8	3/8	2-1/2	1/64	12	SP04503		11.31
AR7	7/16	7/16	3"	1/32	12	SP04504		11.63
AR8	1/2	1/2	3-1/2	1/32	12	SP04505		14.73
AR10	5/8	5/8	4"	1/32	12	SP04506		19.86
AR12	3/4	3/4	4-1/2	1/32	12	SP04507		23.99
AR16	1"	1"	7"	1/32	6	SP04508		41.74
AR44	1/2	1"	7"	1/32	6	SP04511		20.42



**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE AL**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE AL**

**SP05**



**STYLE AL**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>								
AL4	1/4	1/4	2"	1/64	C2	12,0	SP05201	9.78
AL5	5/16	5/16	2-1/4	1/64	C2	12	SP05202	11.03
AL6	3/8	3/8	2-1/2	1/64	C2	12	SP05203	11.03
AL7	7/16	7/16	3"	1/32	C2	12	SP05204	11.27
AL8	1/2	1/2	3-1/2	1/32	C2	12	SP05205	13.91
AL10	5/8	5/8	4"	1/32	C2	12	SP05206	18.67
AL12	3/4	3/4	4-1/2	1/32	C2	12	SP05207	22.32
AL16	1"	1"	7"	1/32	C2	6	SP05208	38.38
AL44	1/2	1"	7"	1/32	C2	6	SP05211	19.49
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>								
AL4	1/4	1/4	2"	1/64	C6	12	SP05501	9.98
AL5	5/16	5/16	2-1/4	1/64	C6	12	SP05502	11.31
AL6	3/8	3/8	2-1/2	1/64	C6	12	SP05503	11.31
AL7	7/16	7/16	3"	1/32	C6	12	SP05504	11.63
AL8	1/2	1/2	3-1/2	1/32	C6	12	SP05505	14.73
AL10	5/8	5/8	4"	1/32	C6	12	SP05506	19.86
AL12	3/4	3/4	4-1/2	1/32	C6	12	SP05507	23.99
AL16	1"	1"	7"	1/32	C6	6	SP05508	41.74
AL44	1/2	1"	7"	1/32	C6	6	SP05511	20.42

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE BR**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE BR**

**SP06**



**STYLE BR**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>								
BR4	1/4	1/4	2"	1/64	C2	12	SP06201	9.78
BR5	5/16	5/16	2-1/4	1/64	C2	12	SP06202	11.03
BR6	3/8	3/8	2-1/2	1/64	C2	12	SP06203	11.03
BR7	7/16	7/16	3"	1/32	C2	12	SP06204	11.27
BR8	1/2	1/2	3-1/2	1/32	C2	12	SP06205	13.91
BR10	5/8	5/8	4"	1/32	C2	12	SP06206	18.67
BR12	3/4	3/4	4-1/2	1/32	C2	12	SP06207	22.32
BR16	1"	1"	7"	1/32	C2	6	SP06208	38.38
BR44	1/2	1"	7"	1/32	C2	6	SP06211	19.49
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>								
BR4	1/4	1/4	2"	1/64	C6	12	SP06501	9.98
BR5	5/16	5/16	2-1/4	1/64	C6	12	SP06502	11.31
BR6	3/8	3/8	2-1/2	1/64	C6	12	SP06503	11.31
BR7	7/16	7/16	3"	1/32	C6	12	SP06504	11.63
BR8	1/2	1/2	3-1/2	1/32	C6	12	SP06505	14.73
BR10	5/8	5/8	4"	1/32	C6	12	SP06506	19.86
BR12	3/4	3/4	4-1/2	1/32	C6	12	SP06507	23.99
BR16	1"	1"	7"	1/32	C6	6	SP06508	41.74
BR44	1/2	1"	7"	1/32	C6	6	SP06511	20.42

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE BL**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE BL**

**SP07**



**STYLE BL**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>								
BL4	1/4	1/4	2"	1/64	C2	12	SP07201	9.78
BL5	5/16	5/16	2-1/4	1/64	C2	12	SP07202	11.03
BL6	3/8	3/8	2-1/2	1/64	C2	12	SP07203	11.03
BL7	7/16	7/16	3"	1/32	C2	12	SP07204	11.27
BL8	1/2	1/2	3-1/2	1/32	C2	12	SP07205	13.91
BL10	5/8	5/8	4"	1/32	C2	12	SP07206	18.67
BL12	3/4	3/4	4-1/2	1/32	C2	12	SP07207	22.32
BL16	1"	1"	7"	1/32	C2	6	SP07208	38.38
BL44	1/2	1"	7"	1/32	C2	6	SP07211	19.49
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>								
BL4	1/4	1/4	2"	1/64	C6	12	SP07501	9.98
BL5	5/16	5/16	2-1/4	1/64	C6	12	SP07502	11.31
BL6	3/8	3/8	2-1/2	1/64	C6	12	SP07503	11.31
BL7	7/16	7/16	3"	1/32	C6	12	SP07504	11.63
BL8	1/2	1/2	3-1/2	1/32	C6	12	SP07505	14.73
BL10	5/8	5/8	4"	1/32	C6	12	SP07506	19.86
BL12	3/4	3/4	4-1/2	1/32	C6	12	SP07507	23.99
BL16	1"	1"	7"	1/32	C6	6	SP07508	41.74
BL44	1/2	1"	7"	1/32	C6	6	SP07511	20.42

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE ER**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE ER**

**SP08**



**STYLE ER**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>								
ER5	5/16	5/16	2-1/4	1/16	C2	12	SP08202	11.75
ER6	3/8	3/8	2-1/2	1/16	C2	12	SP08203	12.08
ER8	1/2	1/2	3-1/2	3/32	C2	12	SP08204	16.03
ER10	5/8	5/8	4"	3/32	C2	12	SP08205	21.63
ER12	3/4	3/4	4-1/2	1/8	C2	12	SP08206	28.20
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>								
ER5	5/16	5/16	2-1/4	1/16	C6	12	SP08502	12.19
ER6	3/8	3/8	2-1/2	1/16	C6	12	SP08503	12.71
ER8	1/2	1/2	3-1/2	3/32	C6	12	SP08504	16.96
ER10	5/8	5/8	4"	3/32	C6	12	SP08505	16.96
ER12	3/4	3/4	4-1/2	1/8	C6	12	SP08506	30.83



**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE EL**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE EL**

**SP09**



**STYLE EL**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
EL5	5/16	5/16	2-1/4	1/16	C2	12	SP09202	11.75
EL6	3/8	3/8	2-1/2	1/16	C2	12	SP09203	12.08
EL8	1/2	1/2	3-1/2	3/32	C2	12	SP09204	16.03
EL10	5/8	5/8	4"	3/32	C2	12	SP09205	21.63
EL12	3/4	3/4	4-1/2	1/8	C2	12	SP09206	28.20
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
EL5	5/16	5/16	2-1/4	1/16	C6	12	SP09502	12.19
EL6	3/8	3/8	2-1/2	1/16	C6	12	SP09503	12.71
EL8	1/2	1/2	3-1/2	3/32	C6	12	SP09504	16.96
EL10	5/8	5/8	4"	3/32	C6	12	SP09505	16.96
EL12	3/4	3/4	4-1/2	1/8	C6	12	SP09506	30.83

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE FR**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE FR**

**SP10**



**STYLE FR**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
FR8	1/2	1/2	3-1/2	1/32	C2	12	SP10201	17.06
FR10	5/8	5/8	4"	1/32	C2	12	SP10202	21.12
FR12	3/4	3/4	4-1/2	1/32	C2	12	SP10203	26.49
FR16	1"	1"	7"	1/32	C2	6	SP10204	44.22
FR44	1/2	1"	6"	1/32	C2	6	SP10207	23.99
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
FR8	1/2	1/2	3-1/2	1/32	C6	12	SP10501	17.63
FR10	5/8	5/8	4"	1/32	C6	12	SP10502	26.46
FR12	3/4	3/4	4-1/2	1/32	C6	12	SP10503	28.14
FR16	1"	1"	7"	1/32	C6	6	SP10504	47.45
FR44	1/2	1"	6"	1/32	C6	6	SP10507	24.87

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE FL**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE FL**

**SP11**



**STYLE FL**

CARBIDE TOOLS

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
FL8	1/2	1/2	3-1/2	1/32	C2	12	SP11201	17.06
FL10	5/8	5/8	4"	1/32	C2	12	SP11202	21.12
FL12	3/4	3/4	4-1/2	1/32	C2	12	SP11203	26.49
FL16	1"	1"	7"	1/32	C2	6	SP11204	44.22
FL44	1/2	1"	6"	1/32	C2	6	SP11207	23.99
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
FL8	1/2	1/2	3-1/2	1/32	C6	12	SP11501	17.63
FL10	5/8	5/8	4"	1/32	C6	12	SP11502	26.46
FL12	3/4	3/4	4-1/2	1/32	C6	12	SP11503	28.14
FL16	1"	1"	7"	1/32	C6	6	SP11504	47.45
FL44	1/2	1"	6"	1/32	C6	6	SP11507	24.87

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE GR**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE GR**

**SP12**



**STYLE GR**

OUTILS EN CARBURE

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
GR8	1/2	1/2	3-1/2	1/32	C2	12	SP12201	17.06
GR10	5/8	5/8	4"	1/32	C2	12	SP12202	21.12
GR12	3/4	3/4	4-1/2	1/32	C2	12	SP12203	26.49
GR16	1"	1"	7"	1/32	C2	6	SP12204	44.22
GR44	1/2	1"	6"	1/32	C2	6	SP12207	23.99
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
GR8	1/2	1/2	3-1/2	1/32	C6	12	SP12501	17.63
GR10	5/8	5/8	4"	1/32	C6	12	SP12502	26.46
GR12	3/4	3/4	4-1/2	1/32	C6	12	SP12503	28.14
GR16	1"	1"	7"	1/32	C6	6	SP12504	47.45
GR44	1/2	1"	6"	1/32	C6	6	SP12507	24.87



**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE GL**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE GL**

**SP13**



**STYLE GL**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
GL8	1/2	1/2	3-1/2	1/32	C2	12	SP13201	17.06
GL10	5/8	5/8	4"	1/32	C2	12	SP13202	21.12
GL12	3/4	3/4	4-1/2	1/32	C2	12	SP13203	26.49
GL16	1"	1"	7"	1/32	C2	6	SP13204	44.22
GL44	1/2	1"	6"	1/32	C2	6	SP13207	23.99
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
GL8	1/2	1/2	3-1/2	1/32	C6	12	SP13501	17.63
GL10	5/8	5/8	4"	1/32	C6	12	SP13502	26.46
GL12	3/4	3/4	4-1/2	1/32	C6	12	SP13503	28.14
GL16	1"	1"	7"	1/32	C6	6	SP13504	47.45
GL44	1/2	1"	6"	1/32	C6	6	SP13507	24.87

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE CT (COR)**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE CT (COR)**

**SP14**



**STYLE CT (COR)**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	NECK COU	CUT COUPE	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>									
CT111	1/2	1"	5"	3/4	1/8	C2	6	SP14201	25.04
CT122	1/2	1"	5"	13/16	3/16	C2	6	SP14202	25.94
CT120	1/2	1"	5"	1"	5/16	C2	6	SP14203	26.88
CT121	1/2	1"	5"	1"	1/4	C2	6	SP14204	26.94
CT130	5/8	1-1/4	5"	1-1/4	3/8	C2	6	SP14205	32.98
CT140	3/4	1-1/2	6"	1-1/4	3/8	C2	6	SP14206	37.03
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>									
CT111	1/2	1"	5"	3/4	1/8	C6	6	SP14501	26.22
CT122	1/2	1"	5"	13/16	3/16	C6	6	SP14502	26.88
CT120	1/2	1"	5"	1"	5/16	C6	6	SP14503	27.94
CT121	1/2	1"	5"	1"	1/4	C6	6	SP14504	27.87
CT130	5/8	1-1/4	5"	1-1/4	3/8	C6	6	SP14505	34.21
CT140	3/4	1-1/2	6"	1-1/4	3/8	C6	6	SP14506	38.38

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE CTL (COL)**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE CTL (COL)**

**SP15**



**STYLE CTL (COL)**

**CARBIDE TOOLS**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	NECK COU	CUT COUPE	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>									
CTL111	1/2	1"	5"	3/4	1/8	C2	6	SP15201	25.04
CTL122	1/2	1"	5"	13/16	3/16	C2	6	SP15202	25.94
CTL120	1/2	1"	5"	1"	5/16	C2	6	SP15203	26.88
CTL121	1/2	1"	5"	1"	1/4	C2	6	SP15204	26.94
CTL130	5/8	1-1/4	5"	1-1/4	3/8	C2	6	SP15205	32.98
CTL140	3/4	1-1/2	6"	1-1/4	3/8	C2	6	SP15206	37.03
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>									
CTL111	1/2	1"	5"	3/4	1/8	C6	6	SP15501	26.22
CTL122	1/2	1"	5"	13/16	3/16	C6	6	SP15502	26.88
CTL120	1/2	1"	5"	1"	5/16	C6	6	SP15503	27.94
CTL121	1/2	1"	5"	1"	1/4	C6	6	SP15504	27.87
CTL130	5/8	1-1/4	5"	1-1/4	3/8	C6	6	SP15505	34.21
CTL140	3/4	1-1/2	6"	1-1/4	3/8	C6	6	SP15506	38.38

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE TSA**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE TSA**

**SP16**



**STYLE TSA**

**OUTILS EN CARBURE**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>								
TSA5	5/16	5/16	1-1/2	1/64	C2	12	SP16202	11.43
TSA6	3/8	3/8	1-3/4	1/64	C2	12	SP16203	11.75
TSA8	1/2	1/2	2-1/2	1/32	C2	12	SP16204	15.74
TSA10	5/8	5/8	3"	1/32	C2	12	SP16205	19.30
TSA12	3/4	3/4	3-1/2	1/32	C2	12	SP16206	22.70
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>								
TSA5	5/16	5/16	1-1/2	1/64	C6	12	SP16502	11.77
TSA6	3/8	3/8	1-3/4	1/64	C6	12	SP16503	11.93
TSA8	1/2	1/2	2-1/2	1/32	C6	12	SP16504	16.49
TSA10	5/8	5/8	3"	1/32	C6	12	SP16505	20.42
TSA12	3/4	3/4	3-1/2	1/32	C6	12	SP16506	23.99



**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE TSC**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE TSC**

**SP18**



**STYLE TSC**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
TSC5	5/16	5/16	1-1/2	1/64	C2	12	SP18202	11.43
TSC6	3/8	3/8	1-3/4	1/64	C2	12	SP18203	11.75
TSC8	1/2	1/2	2-1/2	1/32	C2	12	SP18204	15.74
TSC10	5/8	5/8	3"	1/32	C2	12	SP18205	19.30
TSC12	3/4	3/4	3-1/2	1/32	C2	12	SP18206	22.70
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
TSC5	5/16	5/16	1-1/2	1/64	C6	12	SP18502	11.77
TSC6	3/8	3/8	1-3/4	1/64	C6	12	SP18503	11.93
TSC8	1/2	1/2	2-1/2	1/32	C6	12	SP18504	16.49
TSC10	5/8	5/8	3"	1/32	C6	12	SP18505	20.42
TSC12	3/4	3/4	3-1/2	1/32	C6	12	SP18506	23.99

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE TSE**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE TSE**

**SP20**



**STYLE TSE**

NO	HEIGHT TAILLE	WIDTH LARGEUR	LENGTH LONGEUR	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<i>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</i>								
TSE5	5/16	5/16	1-1/2	1/64	C2	12	SP20202	11.43
TSE6	3/8	3/8	1-3/4	1/64	C2	12	SP20203	11.75
TSE8	1/2	1/2	2-1/2	1/32	C2	12	SP20204	15.74
TSE10	5/8	5/8	3"	1/32	C2	12	SP20205	19.30
TSE12	3/4	3/4	3-1/2	1/32	C2	12	SP20206	22.70
<i>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</i>								
TSE5	5/16	5/16	1-1/2	1/64	C6	12	SP20502	11.77
TSE6	3/8	3/8	1-3/4	1/64	C6	12	SP20503	11.93
TSE8	1/2	1/2	2-1/2	1/32	C6	12	SP20504	16.49
TSE10	5/8	5/8	3"	1/32	C6	12	SP20505	20.42
TSE12	3/4	3/4	3-1/2	1/32	C6	12	SP20506	23.99

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE TRC**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE TRC**

**SP22**



**STYLE TRC**

NO	DIA	WIDTH FLAT LARGEUR	LENGTH LONGEUR	HEIGHT TAILLE	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>									
TRC5	5/16	19/64	1-1/2	7/32	1/64	C2	12	SP22201	15.56
TRC6	3/8	11/32	1-3/4	9/32	1/64	C2	12	SP22202	16.81
TRC8	1/2	15/32	2-1/2	3/8	1/32	C2	12	SP22203	20.20
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>									
TRC5	5/16	19/64	1-1/2	7/32	1/64	C6	12	SP22501	15.70
TRC6	3/8	11/32	1-3/4	9/32	1/64	C6	12	SP22502	17.77
TRC8	1/2	15/32	2-1/2	3/8	1/32	C6	12	SP22503	20.69

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE TRE**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE TRE**

**SP23**



**STYLE TRE**

NO	DIA	WIDTH FLAT LARGEUR	LENGTH LONGEUR	HEIGHT TAILLE	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>									
TRE5	5/16	19/64	1-1/2	7/32	1/64	C2	12	SP23201	15.56
TRE6	3/8	11/32	1-3/4	9/32	1/64	C2	12	SP23202	16.81
TRE8	1/2	15/32	2-1/2	3/8	1/32	C2	12	SP23203	20.20
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>									
TRE5	5/16	19/64	1-1/2	7/32	1/64	C6	12	SP23501	15.70
TRE6	3/8	11/32	1-3/4	9/32	1/64	C6	12	SP23502	17.77
TRE8	1/2	15/32	2-1/2	3/8	1/32	C6	12	SP23503	20.69

**CARBIDE TIPPED SINGLE POINT BRAZED TOOLS - STYLE TRG**  
**OUTILS A PLAQUETTE RAPPORTEE - EN CARBURE - STYLE TRG**

**SP24**



**STYLE TRG**

NO	DIA	WIDTH FLAT LARGEUR	LENGTH LONGEUR	HEIGHT TAILLE	RAD	GRADE CAT	PKG	CODE	C\$ EA C\$ CH
<b>C2 - Cast Iron/Non-Ferrous C2 - Fer de Fonte/Non-Ferreux</b>									
TRG5	5/16	19/64	1-1/2	13/16		C2	12	SP24204	15.56
TRG6	3/8	11/32	1-3/4	1/4		C2	12	SP24205	16.81
TRG8	1/2	15/32	2-1/2	9/32		C2	12	SP24206	20.20
<b>C6 - Steel/Steel Alloys C6 - Acier/Alliages en Acier</b>									
TRG5	5/16	19/64	1-1/2	13/16		C6	12	SP24504	15.70
TRG6	3/8	11/32	1-3/4	1/4		C6	12	SP24505	17.77
TRG8	1/2	15/32	2-1/2	9/32		C6	12	SP24506	20.69



# MISCELLANEOUS

# DIVERS

**CLARKSON ANNULAR CUTTER - HSS**  
**COUPEURS ANNULAIRES CLARKSON - ACIER RAPIDE**

**AC70-71-72-73**



SIZE	DEC	SHANK	1" LOC CODE	\$ EA	2" LOC CODE	\$ EA	3" LOC CODE	\$ EA
7/16	0.4375	3/4	AC71028	63.53	AC72028	76.24	-	-
1/2	0.5000	3/4	AC71032	45.37	AC72032	73.69	-	-
9/16	0.5625	3/4	AC71036	50.56	AC72036	80.18	-	-
5/8	0.6250	3/4	AC71040	52.61	AC72040	86.78	-	-
11/16	0.6875	3/4	AC71044	56.53	AC72044	96.06	-	-
3/4	0.7500	3/4	AC71048	57.81	AC72048	100.00	AC73048	198.32
13/16	0.8125	3/4	AC71052	64.42	AC72052	110.42	AC73052	208.23
7/8	0.8750	3/4	AC71056	67.08	AC72056	113.09	AC73056	218.26
15/16	0.9375	3/4	AC71060	72.30	AC72060	119.69	AC73060	225.66
1"	1.0000	3/4	AC71100	74.97	AC72100	122.37	AC73100	238.08
1-1/16	1.0625	3/4	AC71104	78.28	AC72104	131.50	AC73104	257.90
1-1/8	1.1250	3/4	AC71108	85.51	AC72108	144.72	AC73108	272.81
1-3/16	1.1875	3/4	AC71112	88.05	AC72112	149.94	AC73112	292.65
1-1/4	1.2500	3/4	AC71116	118.43	AC72116	171.03	AC73116	322.37
1-5/16	1.3125	3/4	AC71120	123.64	AC72120	176.23	AC73120	354.62
1-3/8	1.3750	3/4	AC71124	160.48	AC72124	198.61	AC73124	386.85
1-7/16	1.4375	3/4	AC71128	176.23	AC72128	209.15	AC73128	394.37
1-1/2	1.5000	3/4	AC71132	178.91	AC72132	213.08	AC73132	409.19
1-9/16	1.5625	3/4	AC71136	191.99	AC72136	228.84	AC73136	431.51
1-5/8	1.6250	3/4	AC71140	197.33	AC72140	239.40	AC73140	466.25
1-11/16	1.6875	3/4	AC71144	213.08	AC72144	252.48	AC73144	476.15
1-3/4	1.7500	3/4	AC71148	226.18	AC72148	263.03	AC73148	495.97
1-13/16	1.8125	3/4	AC71152	249.94	AC72152	284.10	AC73152	535.62
1-7/8	1.8750	3/4	AC71156	263.03	AC72156	305.09	AC73156	575.37
1-15/16	1.9375	3/4	AC71160	273.58	AC72160	310.42	AC73160	585.28
2"	2.0000	3/4	AC71200	289.33	AC72200	320.84	AC73200	605.12
2-1/16	2.0625	3/4	AC71204	310.42	AC72204	352.45	AC73204	684.51
2-1/4	2.2500	3/4	AC71216	399.75	AC72216	415.62	-	-
CUT PIN FOR 7/16" CUTTERS			AC70101	18.42	AC70102	24.54	-	-
CUT PIN FOR 1/2" TO 2-1/4" CUTTERS			AC70001	8.91	AC70002	10.40	AC70003	18.56

MISCELLANEOUS

DIVERS



**CLARKSON ANNULAR CUTTER - COBALT**  
**COUPEURS ANNULAIRES CLARKSON - COBALT**

**AC80-81-82-83**



SIZE	DEC	SHANK	1" LOC CODE	\$ EA	2" LOC CODE	\$ EA	3" LOC CODE	\$ EA
7/16	0.4375	3/4	AC81028	95.30	AC82028	114.35	-	-
1/2	0.5000	3/4	AC81032	68.04	AC82032	110.52	-	-
9/16	0.5625	3/4	AC81036	75.84	AC82036	120.26	-	-
5/8	0.6250	3/4	AC81040	78.89	AC82040	130.17	-	-
11/16	0.6875	3/4	AC81044	84.78	AC82044	144.09	-	-
3/4	0.7500	3/4	AC81048	86.72	AC82048	150.00	AC83048	297.48
13/16	0.8125	3/4	AC81052	96.62	AC82052	165.63	AC83052	312.35
7/8	0.8750	3/4	AC81056	100.62	AC82056	169.61	AC83056	327.38
15/16	0.9375	3/4	AC81060	108.42	AC82060	179.54	AC83060	338.49
1"	1.0000	3/4	AC81100	112.46	AC82100	183.53	AC83100	357.12
1-1/16	1.0625	3/4	AC81104	117.41	AC82104	197.25	AC83104	386.85
1-1/8	1.1250	3/4	AC81108	128.25	AC82108	217.08	AC83108	409.22
1-3/16	1.1875	3/4	AC81112	132.06	AC82112	224.90	AC83112	438.96
1-1/4	1.2500	3/4	AC81116	177.62	AC82116	256.53	AC83116	483.54
1-5/16	1.3125	3/4	AC81120	185.46	AC82120	264.35	AC83120	531.92
1-3/8	1.3750	3/4	AC81124	240.72	AC82124	297.90	AC83124	580.28
1-7/16	1.4375	3/4	AC81128	264.35	AC82128	313.73	AC83128	591.53
1-1/2	1.5000	3/4	AC81132	268.35	AC82132	319.62	AC83132	613.76
1-9/16	1.5625	3/4	AC81136	287.99	AC82136	343.26	AC83136	647.27
1-5/8	1.6250	3/4	AC81140	296.00	AC82140	359.07	AC83140	699.38
1-11/16	1.6875	3/4	AC81144	319.82	AC82144	378.69	AC83144	714.23
1-3/4	1.7500	3/4	AC81148	339.26	AC82148	394.52	AC83148	743.96
1-13/16	1.8125	3/4	AC81152	374.90	AC82152	426.15	AC83152	803.43
1-7/8	1.8750	3/4	AC81156	394.52	AC82156	457.64	AC83156	863.04
1-15/16	1.9375	3/4	AC81160	410.37	AC82160	465.62	AC83160	877.92
2"	2.0000	3/4	AC81200	434.00	AC82200	481.26	AC83200	907.65
2-1/16	2.0625	3/4	AC81204	465.62	AC82204	528.68	AC83204	1026.77
2-1/4	2.2500	3/4	AC81216	599.63	AC82216	623.42	-	-
CUT PIN FOR 7/16" CUTTERS			AC70101	18.42	AC70102	24.54	-	-
CUT PIN FOR 1/2" TO 2-1/4" CUTTERS			AC70001	8.91	AC70002	10.40	AC70003	18.56

MISCELLANEOUS

DIVERS

**MARKING STAMP - STANDARD SET**  
**POINCONS DE MARQUE - JEUX A CARACTERS REG.**

**MS01**



**STD**

NUMBER / NOMBRE 0 - 9			LETTER / LETTRE A - Z, &		
FRAC	CODE	C\$ EA/CH	FRAC	CODE	C\$ EA/CH
1/16	MS01004	40.06	1/16	MS01704	129.85
3/32	MS01006	40.06	3/32	MS01706	129.85
1/8	MS01008	40.06	1/8	MS01708	129.85
5/32	MS01010	40.06	5/32	MS01710	129.85
3/16	MS01012	40.06	3/16	MS01712	109.61
1/4	MS01016	51.70	1/4	MS01716	122.17
5/16	MS01020	88.52	5/16	MS01720	202.39
3/8	MS01024	119.26	3/8	MS01724	286.74
1/2	MS01032	156.01	1/2	MS01732	383.65

**MARKING STAMP - REVERSE SET**  
**POINCONS DE MARQUE - JEUX A CARACTERS INVERSES**

**MS03**



**REVERSE**

NUMBER / NOMBRE 0 - 9			LETTER / LETTRE A - Z, &		
FRAC	CODE	C\$ EA/CH	FRAC	CODE	C\$ EA/CH
1/16	MS03004	73.77	1/16	MS03704	184.47
1/8	MS03008	73.77	1/8	MS03708	184.47
5/32	MS03010	81.68	5/32	MS03710	204.24
3/16	MS03012	81.68	3/16	MS03712	204.24
1/4	MS03016	94.87	1/4	MS03716	246.37

**MARKING STAMP - HEAVY DUTY SET**  
**POINCONS DE MARQUE - JEUX A CARACTERS ROBUSTES**

**MS05**



**HEAVY DUTY**

NUMBER / NOMBRE 0 - 9			LETTER / LETTRE A - Z, &		
FRAC	CODE	C\$ EA/CH	FRAC	CODE	C\$ EA/CH
1/8	MS05008	75.50	1/8	MS05708	190.32
3/16	MS05012	85.52	3/16	MS05712	213.28
1/4	MS05016	99.24	1/4	MS05716	245.18
5/16	MS05020	173.50	5/16	MS05720	438.10
3/8	MS05024	228.06	3/8	MS05724	569.24
1/2	MS05032	302.34	1/2	MS05732	708.23



**INDIVIDUAL MARKING STAMP  
POINCONS DE MARQUE A L'UNITE**

**MS2**



**INDIVIDUAL**

INDIVIDUAL NUMBER / NOMBRE INDIVIDUEL			INDIVIDUAL LETTER / LETTRE INDIVIDUEL		
FRAC	CODE	C\$ EA/CH	FRAC	CODE	C\$ EA/CH
1/16	MS204-<ITEM>	10.08	1/16	MS204-<ITEM>	10.08
3/32	MS206-<ITEM>	10.08	3/32	MS206-<ITEM>	10.08
1/8	MS208-<ITEM>	10.08	1/8	MS208-<ITEM>	10.08
5/32	MS210-<ITEM>	10.08	5/32	MS210-<ITEM>	10.08
3/16	MS212-<ITEM>	10.08	3/16	MS212-<ITEM>	10.08
1/4	MS216-<ITEM>	11.75	1/4	MS216-<ITEM>	11.75
5/16	MS220-<ITEM>	19.34	5/16	MS220-<ITEM>	19.34
3/8	MS224-<ITEM>	25.07	3/8	MS224-<ITEM>	25.07
1/2	MS232-<ITEM>	32.58	1/2	MS232-<ITEM>	32.58

**ARCH (WAD) PUNCH  
DECOUPOIRS**

**MS10**



FRAC	CODE	C\$ EA/CH	FRAC	CODE	C\$ EA/CH
1/4	MS10004	16.25	1-1/4	MS10104	47.99
5/16	MS10005	16.25	1-5/16	MS10105	62.64
3/8	MS10006	16.25	1-3/8	MS10106	62.64
7/16	MS10007	18.23	1-7/16	MS10107	62.64
1/2	MS10008	18.23	1-1/2	MS10108	62.64
9/16	MS10009	24.13	1-9/16	MS10109	90.28
5/8	MS10010	24.13	1-5/8	MS10110	90.28
11/16	MS10011	27.37	1-11/16	MS10111	90.28
3/4	MS10012	27.37	1-3/4	MS10112	90.28
13/16	MS10013	31.21	1-7/8	MS10114	117.80
7/8	MS10014	31.21	2"	MS10200	117.80
15/16	MS10015	35.26	2-1/8	MS10202	132.59
1"	MS10100	35.26	2-1/4	MS10204	166.49
1-1/16	MS10101	40.92	2-3/8	MS10206	194.67
1-1/8	MS10102	40.92	2-1/2	MS10208	262.42
1-3/16	MS10103	47.99	3"	MS10300	372.13

**W1 PRECISION DRILL ROD - GROUND - POLISHED - 36" LONG**  
**W1 ACIER A FORET DE PRECISION - POLI - LONGEUR 36"**

**SS21**

**W1**

FRAC	CODE	CS EACH	FRAC	CODE	CS EACH
1/16	SS21004	2.74	3/8	SS21024	15.36
5/64	SS21005	3.43	13/32	SS21026	16.83
3/32	SS21006	3.83	7/16	SS21028	19.86
7/64	SS21007	4.39	1/2	SS21032	24.28
1/8	SS21008	4.90	9/16	SS21036	28.20
9/64	SS21009	5.28	5/8	SS21040	33.77
5/32	SS21010	5.74	11/16	SS21044	40.10
11/64	SS21011	6.55	3/4	SS21048	47.05
3/16	SS21012	7.01	13/16	SS21052	53.45
13/64	SS21013	7.49	7/8	SS21056	62.37
7/32	SS21014	7.57	15/16	SS21060	71.22
15/64	SS21015	7.86	1"	SS21100	82.22
1/4	SS21016	8.11	1-1/16	SS21104	89.78
17/64	SS21017	8.34	1-1/8	SS21108	99.76
9/32	SS21018	8.65	1-1/4	SS21116	122.57
5/16	SS21020	11.16	1-3/8	SS21124	146.81
11/32	SS21022	12.94	1-1/2	SS21132	171.05

**O1 PRECISION DRILL ROD - GROUND - POLISHED - 36" LONG**  
**O1 ACIER A FORET DE PRECISION - POLI - LONGEUR 36"**

**SS33**

**O1**

FRAC	CODE	CS EACH	FRAC	CODE	CS EACH
1/16	SS33004	3.93	5/8	SS33040	43.83
1/8	SS33008	6.53	3/4	SS33048	62.12
3/16	SS33012	7.91	7/8	SS33056	83.56
1/4	SS33016	10.15	1"	SS33100	105.66
5/16	SS33020	12.18	1-1/8	SS33108	126.62
3/8	SS33024	16.49	1-1/4	SS33116	152.96
7/16	SS33028	23.56	1-3/8	SS33124	179.58
1/2	SS33032	29.15	1-1/2	SS33132	211.59
9/16	SS33036	35.79			





**TOOL BITS - GROUND - ROUND**  
**BURINS RONDE**
**TO02-07**

**ROUND**

DIA	LENGTH LONGEUR	HSS M2 CODE	HSS M2 \$EA/CH	COBALT M42 CODE	COBALT M42 \$EA/CH
3/16	2-1/2	TO02325	4.92	TO07325	9.36
3/16	3"	-	-	TO07330	15.78
1/4	2-1/2	TO02425	6.04	TO07425	16.57
1/4	3"	-	-	TO07430	19.98
1/4	4"	-	-	TO07440	26.82
5/16	3"	-	-	TO07530	25.71
5/16	4"	-	-	TO07540	34.41
3/8	3"	TO02630	11.29	TO07630	32.48
3/8	4"	-	-	TO07640	47.33
1/2	4"	TO02740	21.50	TO07740	61.38
1/2	6"	-	-	TO07760	92.03
5/8	4"	-	-	TO07840	93.26
5/8	6"	-	-	TO07860	139.85
3/4	4"	-	-	TO07940	134.94
3/4	6"	-	-	TO07960	201.86
1"	6"	TO02966	159.88	TO07966	312.99

**PARTING OFF BLADES - HSS**  
**LAMES A SAIGNER - ACIER RAPIDE**
**TO56**

**HSS**

HEIGHT TAILLE	WIDTH 1 LARGEUR 1	WIDTH 2 LARGEUR 2	LENGTH LONGEUR	CODE	\$ EA \$ CH
1/2	3/32	1/16	4-1/2	TO56031	47.76
1/2	1/8	1/16	6"	TO56041	54.93
5/8	3/32	1/16	5"	TO56042	54.16
5/8	3/32	1/16	6"	TO56052	58.31
5/8	1/8	1/16	6"	TO56062	66.39
5/8	1/8	3/32	6"	TO56072	66.39
7/8	1/8	1/16	7"	TO56044	114.85
3/4	1/8	1/16	6"	TO56043	82.01
1"	3/16	1/8	8"	TO56045	190.58



**TAPER LOCK THREAD PLUG GAGE  
GAGE A FILET "TAPER LOCK"**

**TG01-TG05**



DIA	GAGE 2B GO	GAGE 2B NO GO	GAGE 3B GO	GAGE 3B NO GO	GAGE \$ EA/CH
0-80 NF	TG02100	TG03100	TG04100	TG05100	131.82
1-64 NC	TG02001	TG03001	TG04001	TG05001	131.82
1-72 NF	TG02101	TG03101	TG04101	TG05101	131.82
2-56 NC	TG02002	TG03002	TG04002	TG05002	127.56
2-64 NF	TG02102	TG03102	TG04102	TG05102	127.56
3-48 NC	TG02003	TG03003	TG04003	TG05003	127.56
3-56 NF	TG02103	TG03103	TG04103	TG05103	127.56
4-40 NC	TG02004	TG03004	TG04004	TG05004	119.05
4-48 NF	TG02104	TG03104	TG04104	TG05104	119.05
5-40 NC	TG02005	TG03005	TG04005	TG05005	119.05
5-44 NF	TG02105	TG03105	TG04105	TG05105	119.05
6-32 NC	TG02006	TG03006	TG04006	TG05006	102.05
6-40 NF	TG02106	TG03106	TG04106	TG05106	102.05
8-32 NC	TG02008	TG03008	TG04008	TG05008	102.05
8-36 NF	TG02108	TG03108	TG04108	TG05108	102.05
10-24 NC	TG02010	TG03010	TG04010	TG05010	102.05
10-32 NF	TG02110	TG03110	TG04110	TG05110	102.05
12-24 NC	TG02012	TG03012	TG04012	TG05012	102.05
12-28 NF	TG02112	TG03112	TG04112	TG05112	102.05
1/4-20 NC	TG02016	TG03016	TG04016	TG05016	93.53
1/4-28 NF	TG02116	TG03116	TG04116	TG05116	93.53
5/16-18 NC	TG02020	TG03020	TG04020	TG05020	93.53
5/16-24 NF	TG02120	TG03120	TG04120	TG05120	93.53
3/8-16 NC	TG02024	TG03024	TG04024	TG05024	93.53
3/8-24 NF	TG02124	TG03124	TG04124	TG05124	93.53
7/16-14 NC	TG02028	TG03028	TG04028	TG05028	97.80
7/16-20 NF	TG02128	TG03128	TG04128	TG05128	97.80
1/2-13 NC	TG02032	TG03032	TG04032	TG05032	102.05
1/2-20 NF	TG02132	TG03132	TG04132	TG05132	102.05
9/16-12 NC	TG02036	TG03036	TG04036	TG05036	131.82
9/16-18 NF	TG02136	TG03136	TG04136	TG05136	131.82
5/8-11 NC	TG02040	TG03040	TG04040	TG05040	131.82
5/8-18 NF	TG02140	TG03140	TG04140	TG05140	131.82

HANDLE NO	HANDLE CODE	HANDLE \$ EACH
#000	TG01001	34.01
#000	TG01001	34.01
#000	TG01001	34.01
#000	TG01001	34.01
#000	TG01001	34.01
#000	TG01001	34.01
#00	TG01002	34.01
#00	TG01002	34.01
#00	TG01002	34.01
#00	TG01002	34.01
#00	TG01002	34.01
#0	TG01003	34.01
#0	TG01003	34.01
#0	TG01003	34.01
#0	TG01003	34.01
#0	TG01003	34.01
#1	TG01004	34.01
#1	TG01004	34.01
#1	TG01004	34.01
#1	TG01004	34.01
#2	TG01005	34.01
#2	TG01005	34.01
#2	TG01005	34.01
#2	TG01005	34.01
#2	TG01005	34.01
#3	TG01006	34.01
#3	TG01006	34.01
#3	TG01006	34.01
#3	TG01006	34.01
#3	TG01006	34.01

MISCELLANEOUS

DIVERS

**TAPER LOCK THREAD PLUG GAGE  
GAGE A FILET "TAPER LOCK"**

**TG01-TG05**



DIM	GAGE 2B GO	GAGE 2B NO GO	GAGE 3B GO	GAGE 3B NO GO	GAGE \$ EA/CH
3/4-10 NC	TG02048	TG03048	TG04048	TG05048	148.83
3/4-16 NF	TG02148	TG03148	TG04148	TG05148	148.83
7/8-9 NC	TG02056	TG03056	TG04056	TG05056	153.06
7/8-14 NF	TG02156	TG03156	TG04156	TG05156	153.06
1"-8 NC	TG02064	TG03064	TG04064	TG05064	187.08
1"-12 NF	TG02164	TG03164	TG04164	TG05164	187.08
1"-14 NS	TG02264	TG03264	TG04264	TG05264	187.08

HANDLE NO	HANDLE CODE	HANDLE \$ EA/CH
#3	TG01006	34.01
#3	TG01006	34.01
#4	TG01007	34.01
#4	TG01007	34.01
#4	TG01007	34.01
#4	TG01007	34.01
#4	TG01007	34.01

**PIPE THREAD GAGE - NPT  
GAGE A FILET - NPT**

**TG08-10**



DIM	GAGE 3B NO GO	GAGE \$ EA/CH
1/16-27 NPT	TG08001	261.56
1/8-27 NPT	TG08002	175.89
1/4-18 NPT	TG08004	207.44
3/8-18 NPT	TG08006	225.49
1/2-14 NPT	TG08008	261.56
3/4-14 NPT	TG08012	297.63
1-11.5 NPT	TG08016	333.70
1-1/4 11.5 NPT	TG08020	360.76
1-1/2 11.5 NPT	TG08024	414.89
2-11.5 NPT	TG08032	505.08

GAGE 3B NO GO	GAGE \$ EA/CH
TG10001	622.31
TG10002	360.76
TG10004	387.82
TG10006	450.95
TG10008	496.05
TG10012	559.18
TG10016	631.33
TG10020	698.99
TG10024	834.27
TG10032	947.01

HANDLE NO	HANDLE CODE	HANDLE \$ EA/CH
#1	TG01004	34.01
#2	TG01005	34.01
#3	TG01003	34.01
#3	TG01003	34.01
#4	TG01013	40.58
#4	TG01013	40.58
#5	TG01014	45.11
#5	TG01014	45.11
#5	TG01014	45.11
#5	TG01014	45.11



# MAINTENANCE TOOLS

# LINGE ENTRE TIEN

**HYPER HSS GROUND FLUTE JOBBER DRILL  
FORETS A QUEUE CYLINDRIQUE HYPER**

**ZD16**



**HSS**

**MAINTENANCE TOOLS**

**LINGE ENTRE TIEN**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
ZD16260		60	0.0400	11/16	1-5/8	12	1.30
ZD16259		59	0.0410	11/16	1-5/8	12	1.30
ZD16258		58	0.0420	11/16	1-5/8	12	1.30
ZD16257		57	0.0430	3/4	1-3/4	12	1.30
ZD16256		56	0.0465	3/4	1-3/4	12	1.30
ZD16003	3/64		0.0469	7/8	1-7/8	12	1.30
ZD16255		55	0.0520	7/8	1-7/8	12	0.88
ZD16254		54	0.0550	7/8	1-7/8	12	0.88
ZD16253		53	0.0595	7/8	1-7/8	12	0.88
ZD16004	1/16		0.0625	7/8	1-7/8	12	0.88
ZD16252		52	0.0635	7/8	1-7/8	12	0.88
ZD16251		51	0.0670	1"	2"	12	0.88
ZD16250		50	0.0700	1"	2"	12	0.88
ZD16249		49	0.0730	1"	2"	12	0.88
ZD16248		48	0.0760	1"	2"	12	0.88
ZD16005	5/64		0.0781	1"	2"	12	0.88
ZD16247		47	0.0785	1"	2"	12	0.88
ZD16246		46	0.0810	1-1/8	2-1/8	12	0.88
ZD16245		45	0.0820	1-1/8	2-1/8	12	0.88
ZD16244		44	0.0860	1-1/8	2-1/8	12	0.88
ZD16243		43	0.0890	1-1/4	2-1/4	12	0.88
ZD16242		42	0.0935	1-1/4	2-1/4	12	0.88
ZD16006	3/32		0.0938	1-1/4	2-1/4	12	0.88
ZD16241		41	0.0960	1-3/8	2-3/8	12	0.88
ZD16240		40	0.0980	1-3/8	2-3/8	12	1.01
ZD16239		39	0.0995	1-3/8	2-3/8	12	1.01
ZD16238		38	0.1015	1-7/16	2-1/2	12	1.01
ZD16237		37	0.1040	1-7/16	2-1/2	12	1.01
ZD16236		36	0.1065	1-7/16	2-1/2	12	1.01
ZD16007	7/64		0.1094	1-1/2	2-5/8	12	0.88
ZD16235		35	0.1100	1-1/2	2-5/8	12	1.30
ZD16234		34	0.1110	1-1/2	2-5/8	12	1.30
ZD16233		33	0.1130	1-1/2	2-5/8	12	1.30
ZD16232		32	0.1160	1-5/8	2-3/4	12	1.30
ZD16231		31	0.1200	1-5/8	2-3/4	12	1.30
ZD16008	1/8		0.1250	1-5/8	2-3/4	12	1.03
ZD16230		30	0.1285	1-5/8	2-3/4	12	1.30
ZD16229		29	0.1360	1-3/4	2-7/8	12	1.30
ZD16228		28	0.1405	1-3/4	2-7/8	12	1.30
ZD16009	9/64		0.1406	1-3/4	2-7/8	12	1.13
ZD16227		27	0.1440	1-7/8	3"	12	1.44
ZD16226		26	0.1470	1-7/8	3"	12	1.44
ZD16225		25	0.1495	1-7/8	3"	12	1.44
ZD16224		24	0.1520	2"	3-1/8	12	1.44
ZD16223		23	0.1540	2"	3-1/8	12	1.44
ZD16010	5/32		0.1562	2"	3-1/8	12	1.24
ZD16222		22	0.1570	2"	3-1/8	12	1.44
ZD16221		21	0.1590	2-1/8	3-1/4	12	1.60
ZD16220		20	0.1610	2-1/8	3-1/4	12	1.60
ZD16219		19	0.1660	2-1/8	3-1/4	12	1.60
ZD16218		18	0.1895	2-1/8	3-1/4	12	1.60

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
ZD16011	11/64		0.1719	2-1/8	3-1/4	12	1.38
ZD16217		17	0.1730	2-3/16	3-3/8	12	1.63
ZD16216		16	0.1770	2-3/16	3-3/8	12	1.63
ZD16215		15	0.1800	2-3/16	3-3/8	12	1.63
ZD16214		14	0.1820	2-3/16	3-3/8	12	1.63
ZD16213		13	0.1850	2-5/16	3-1/2	12	1.63
ZD16012	3/16		0.1875	2-5/16	3-1/2	12	1.60
ZD16212		12	0.1890	2-5/16	3-1/2	12	2.06
ZD16211		11	0.1910	2-5/16	3-1/2	12	2.06
ZD16210		10	0.1935	2-7/16	3-5/8	12	2.06
ZD16209		9	0.1960	2-7/16	3-5/8	12	2.06
ZD16208		8	0.1990	2-7/16	3-5/8	12	2.06
ZD16207		7	0.2010	2-7/16	3-5/8	12	2.06
ZD16013	13/64		0.2031	2-7/16	3-5/8	12	1.72
ZD16206		6	0.2040	2-1/2	3-3/4	12	2.27
ZD16205		5	0.2055	2-1/2	3-3/4	12	2.27
ZD16204		4	0.2090	2-1/2	3-3/4	12	2.27
ZD16203		3	0.2130	2-1/2	3-3/4	12	2.27
ZD16014	7/32		0.2188	2-1/2	3-3/4	12	2.06
ZD16202		2	0.2210	2-5/8	3-7/8	12	2.50
ZD16201		1	0.2280	2-5/8	3-7/8	12	2.50
ZD16101		A	0.2340	2-5/8	3-7/8	12	2.50
ZD16015	15/64		0.2344	2-5/8	3-7/8	12	2.21
ZD16102		B	0.2380	2-3/4	4"	12	2.50
ZD16103		C	0.2420	2-3/4	4"	12	2.50
ZD16104		D	0.2460	2-3/4	4"	12	2.50
ZD16016	1/4		0.2500	2-3/4	4"	12	2.32
ZD16105		E	0.2500	2-3/4	4"	12	2.50
ZD16106		F	0.2570	2-7/8	4-1/8	12	3.36
ZD16107		G	0.2610	2-7/8	4-1/8	12	3.36
ZD16017	17/64		0.2656	2-7/8	4-1/8	12	2.86
ZD16108		H	0.2660	2-7/8	4-1/8	12	3.36
ZD16109		I	0.2720	2-7/8	4-1/8	12	3.36
ZD16110		J	0.2770	2-7/8	4-1/8	12	3.36
ZD16111		K	0.2810	2-15/16	4-1/4	12	3.66
ZD16018	9/32		0.2812	2-15/16	4-1/4	12	3.07
ZD16112		L	0.2900	2-15/16	4-1/4	12	3.66
ZD16113		M	0.2950	3-1/16	4-3/8	12	4.11
ZD16019	19/64		0.2969	3-1/16	4-3/8	12	3.50
ZD16114		N	0.3020	3-1/16	4-3/8	12	4.11
ZD16020	5/16		0.3125	3-3/16	4-1/2	12	3.69
ZD16115		O	0.3160	3-3/16	4-1/2	12	4.47
ZD16116		P	0.3230	3-5/16	4-5/8	6	4.79
ZD16021	21/64		0.3281	3-5/16	4-5/8	6	4.11
ZD16117		Q	0.3320	3-7/16	4-3/4	6	5.46
ZD16118		R	0.3390	3-7/16	4-3/4	6	5.46
ZD16022	11/32		0.3438	3-7/16	4-3/4	6	4.63
ZD16119		S	0.3480	3-1/2	4-7/8	6	6.70
ZD16120		T	0.3580	3-1/2	4-7/8	6	6.70
ZD16023	23/64		0.3594	3-1/2	4-7/8	6	5.51



**HYPER HSS GROUND FLUTE JOBBER DRILL  
FORETS A QUEUE CYLINDRIQUE HYPER**

**ZD16**



**HSS**

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA	CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
ZD16121		U	0.3680	3-5/8	5"	6	6.70	ZD16126		Z	0.4130	3-7/8	5-1/4	6	7.53
ZD16024	3/8		0.3750	3-5/8	5"	6	5.51	ZD16027	27/64		0.4219	3-15/16	5-3/8	6	7.39
ZD16122		V	0.3770	3-5/8	5"	6	6.70	ZD16028	7/16		0.4375	4-1/16	5-1/2	6	8.81
ZD16123		W	0.3800	3-3/4	5-1/8	6	7.53	ZD16029	29/64		0.4531	4-3/16	5-5/8	6	8.99
ZD16025	25/64		0.3906	3-3/4	5-1/8	6	6.16	ZD16030	15/32		0.4688	4-5/16	5-3/4	6	9.65
ZD16124		X	0.3970	3-3/4	5-1/8	6	7.53	ZD16031	31/64		0.4844	4-3/8	5-7/8	6	10.47
ZD16125		Y	0.4040	3-7/8	5-1/4	6	7.53	ZD16032	1/2		0.5000	4-1/2	6"	6	10.70
ZD16026	13/32		0.4062	3-7/8	5-1/4	6	7.21								

**HYPER JOBBER DRILL SETS  
JEUX DE FORETS A QUEUE CYLINDRIQUE HYPER**

**ZD16**



**JOBBER**

CODE	NO	MTL	FROM	TO	X	CASE	\$ EACH
ZD16813	#13	HSS	1/16	1/4	1/64	METAL	30.48
ZD16815	#15	HSS	1/16	1/2	1/32	METAL	65.10
ZD16821	#21	HSS	1/16	3/8	1/64	METAL	54.33
ZD16829	#29	HSS	1/16	1/2	1/32	METAL	95.68
ZD16826	#26	HSS	A	Z		METAL	131.70
ZD16860	#60	HSS	#1	#60		METAL	93.57
ZD16915	#115	HSS	1/16 - 1/2 X 1/64 A - Z, #1 - #60			METAL	506.19

**HYPER PRENTICE DRILL SETS  
JEUX DE FORETS A QUEUE REDUIT HYPER**

**ZD50**



**1/2" SHANK**

CODE	NO	MTL	INCLUDES	PCS	\$ EACH
ZD50705	#5HP	HSS	9/16, 5/8, 3/4, 7/8, 1"	5	180.99
ZD50708	#8HP	HSS	9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"	8	359.82

**HYPER PRENTICE DRILL - HSS - 1/2" SHANK (SILVER & DEMING)  
FORETS HYPER A QUEUE DE 1/2" - ACIER RAPIDE**

**ZD50**



**1/2" SHANK**

**MAINTENANCE TOOLS**

CODE	FRAC	DEC	FLT	OA	PKG	CS EACH
ZD50033	33/64	0.5156	3"	6"	1	23.24
ZD50534	17/32	0.5313	3"	6"	1	23.24
ZD50035	35/64	0.5469	3"	6"	1	27.18
ZD50536	9/16	0.5625	3"	6"	1	27.18
ZD50037	37/64	0.5781	3"	6"	1	29.45
ZD50038	19/32	0.5938	3"	6"	1	29.45
ZD50039	39/64	0.6094	3"	6"	1	32.03
ZD50540	5/8	0.6250	3"	6"	1	32.03
ZD50041	41/64	0.6406	3"	6"	1	32.16
ZD50542	21/32	0.6563	3"	6"	1	32.61
ZD50043	43/64	0.6719	3"	6"	1	32.75
ZD50544	11/16	0.6875	3"	6"	1	33.10
ZD50045	45/64	0.7031	3"	6"	1	33.46
ZD50046	23/32	0.7188	3"	6"	1	33.71
ZD50047	47/64	0.7344	3"	6"	1	33.98
ZD50548	3/4	0.7500	3"	6"	1	34.11
ZD50049	49/64	0.7656	3"	6"	1	34.27
ZD50050	25/32	0.7813	3"	6"	1	34.92
ZD50051	51/64	0.7969	3"	6"	1	35.00
ZD50552	13/16	0.8125	3"	6"	1	35.00
ZD50553	53/64	0.8281	3"	6"	1	36.68
ZD50054	27/32	0.8438	3"	6"	1	35.95
ZD50555	55/64	0.8594	3"	6"	1	38.07
ZD50556	7/8	0.8750	3"	6"	1	37.34
ZD50557	57/64	0.8906	3"	6"	1	39.78
ZD50058	29/32	0.9063	3"	6"	1	37.93
ZD50559	59/64	0.9219	3"	6"	1	42.51
ZD50060	15/16	0.9375	3"	6"	1	40.80
ZD50561	61/64	0.9531	3"	6"	1	44.78
ZD50062	31/32	0.9688	3"	6"	1	45.33
ZD50563	63/64	0.9844	3"	6"	1	49.58
ZD50600	1"	1.0000	3"	6"	1	50.14
ZD50102	1-1/32	1.0313	3"	6"	1	60.76
ZD50104	1-1/16	1.0625	3"	6"	1	60.76
ZD50106	1-3/32	1.0938	3"	6"	1	66.80
ZD50108	1-1/8	1.1250	3"	6"	1	66.80
ZD50110	1-5/32	1.1563	3"	6"	1	78.19
ZD50112	1-3/16	1.1875	3"	6"	1	78.19
ZD50116	1-1/4	1.2500	3"	6"	1	87.29
ZD50620	1-5/16	1.3125	3"	6"	1	92.00
ZD50124	1-3/8	1.4	3"	6"	1	105.05
ZD50128	1-7/16	1.4	3"	6"	1	112.94
ZD50132	1-1/2	1.5	3"	6"	1	123.53

**LINGE ENTRE TIEN**



**HYPER SPADE DRILL FOR WOOD  
FORETS HYPER A CENTRE PLAT**

**ZD02**



**HEX SHANK**

CODE	SIZE	OAL	\$ EA
ZD02016	1/4	6"	2.14
ZD02020	5/16	6"	2.31
ZD02024	3/8	6"	2.56
ZD02028	7/16	6"	2.69
ZD02032	1/2	6"	3.07
ZD02036	9/16	6"	3.32
ZD02040	5/8	6"	3.49
ZD02044	11/16	6"	3.57
ZD02048	3/4	6"	3.70

CODE	SIZE	OAL	\$ EA
ZD02052	13/16	6"	3.86
ZD02056	7/8	6"	4.07
ZD02060	15/16	6"	4.28
ZD02100	1"	6"	4.41
ZD02108	1-1/8	6"	4.45
ZD02116	1-1/4	6"	5.38
ZD02124	1-3/8	6"	6.38
ZD02132	1-1/2	6"	7.73

**HYPER BRAD AND SPUR POINT DRILL  
FORETS HYPER A POINTE-POINCON**

**ZD54**



**HSS**

CODE	SIZE	DEC	SHANK	FLT	OAL	\$ EA
ZD54008	1/8	0.1250	1/8	1-5/8	2-3/4	9.04
ZD54012	3/16	0.1875	3/16	2-5/16	3-1/2	10.40
ZD54016	1/4	0.2500	1/4	2-3/4	4"	12.40
ZD54020	5/16	0.3125	1/4	2-1/2	3-13/16	19.77
ZD54020	5/16	0.3125	5/16	3-3/16	4-1/2	19.77
ZD54024	3/8	0.3750	1/4	2-7/8	4-1/4	24.69

CODE	SIZE	DEC	SHANK	FLT	OAL	\$ EA
ZD54028	7/16	0.4375	1/4	3-3/8	4-11/16	28.43
ZD54032	1/2	0.5000	1/4	3-5/8	5-1/16	34.66
ZD54036	9/16	0.5625	1/2	3"	6"	57.76
ZD54040	5/8	0.6250	1/2	3"	6"	62.90
ZD54044	11/16	0.6875	1/2	3"	6"	74.59
ZD54048	3/4	0.7500	1/2	3"	6"	79.47

**HYPER CARBIDE TIPPED MASONRY DRILL  
FORETS A MACONNERIE - HYPER**

**ZD52**



**MASONRY**

CODE	SIZE	DEC	FLT	OAL	PKG	\$ EA
ZD52008	1/8	0.1250	1-9/16	2-3/4	10	1.60
ZD52010	5/32	0.1562	1-9/16	2-3/4	10	1.72
ZD52012	3/16	0.1875	1-31/32	3-5/32	10	1.91
ZD52014	7/32	0.2188	2-3/8	3-15/16	10	2.06
ZD52016	1/4	0.2500	2-3/8	3-15/16	10	2.21
ZD52018	9/32	0.2812	2-3/8	4-11/32	10	2.72
ZD52020	5/16	0.3125	3-5/32	4-15/16	10	3.14
ZD52024	3/8	0.3750	3-5/32	4-15/16	5	3.39

CODE	SIZE	DEC	FLT	OAL	PKG	\$ EA
ZD52028	7/16	0.4375	3-17/32	5-1/2	5	6.07
ZD52032	1/2	0.5000	3-17/32	5-1/2	5	6.95
ZD52036	9/16	0.5625	3-17/32	5-1/2	1	11.49
ZD52040	5/8	0.6250	3-17/32	5-1/2	1	13.88
ZD52048	3/4	0.7500	3-15/16	6-5/16	1	14.53
ZD52056	7/8	0.8750	3-15/16	6-5/16	1	21.12
ZD52100	1"	1.0000	3-15/32	6-5/16	1	24.77

**HYPER STUB DRILL - HSS - SPLIT POINT**  
**FORETS HYPER SERIE EXTRA COURTE - POINTE EN CROIX**

**ZD12**



**STUB**

CODE	FRAC	DEC	FLT	OA	PKG	CS EACH
ZD12008	1/8	0.1250	11/16	1-15/16	10	1.58
ZD12010	5/32	0.1562	7/8	2-5/32	10	1.91
ZD12012	3/16	0.1875	1-1/32	2-7/16	10	2.65
ZD12014	7/32	0.2188	1-1/8	2-19/32	10	3.33
ZD12016	1/4	0.2500	1-7/32	2-3/4	10	3.93
ZD12018	9/32	0.2812	1-5/16	2-29/32	10	4.37
ZD12020	5/16	0.3125	1-7/16	3-1/8	10	5.39
ZD12024	3/8	0.3750	1-11/16	3-1/2	5	8.13

**HYPER CENTER DRILL (COMBINED DRILL & COUNTERSINK)**  
**FORETS A CENTRER - HYPER**

**ZD62**



**CENTER**

CODE	NO	SM DIA	LG DIA	OA	PKG	CS EACH
ZD62001	1	3/64	1/8	1-1/4	5	3.02
ZD62002	2	5/64	3/16	1-7/8	5	3.02
ZD62003	3	7/64	1/4	2"	5	3.02
ZD62004	4	1/8	5/16	2-1/8	5	3.02
ZD62005	5	3/16	7/16	2-3/4	5	7.90
ZD62006	6	7/32	1/2	3"	5	12.34

**HYPER COUNTERSINK - HSS - 1 FLUTE**  
**FRAISES CONIQUE - UNE DENT**

**ZD63-64-65**



**HSS**

DIA	DEC	SHANK	OA	PKG	60°	SEA/CH	82°	SEA/CH	90°	SEA/CH	100°	SEA/CH
1/8	0.1250	1/8	1-1/4	1	ZD63008	17.30	ZD64008	17.30	ZD65008	17.30	ZD63308	17.30
3/16	0.1875	3/16	1-1/2	1	ZD63012	17.92	ZD64012	17.92	ZD65012	17.92	ZD63312	17.92
1/4	0.2500	1/4	2"	1	ZD63016	18.07	ZD64016	18.07	ZD65016	18.07	ZD63316	18.07
5/16	0.3125	1/4	2"	1	ZD63020	20.92	ZD64020	20.92	ZD65020	20.92	ZD63320	20.92
3/8	0.3750	1/4	2"	1	ZD63024	24.98	ZD64024	24.98	ZD65024	24.98	ZD63324	24.98
1/2	0.5000	1/4	2"	1	ZD63032	31.15	ZD64032	31.15	ZD65032	31.15	ZD63332	31.15
5/8	0.6250	1/2	2-1/2	1	ZD63040	45.90	ZD64040	45.90	ZD65040	45.90	ZD63340	45.90
3/4	0.7500	1/2	2-3/4	1	ZD63048	51.61	ZD64048	51.61	ZD65048	51.61	ZD63348	51.61
7/8	0.8750	1/2	2-3/4	1	ZD63056	82.05	ZD64056	82.05	ZD65056	82.05	ZD63356	82.05
1"	1.0000	1/2	2-3/4	1	ZD63100	91.09	ZD64100	91.09	ZD65100	91.09	ZD63400	91.09
1-1/4	1.2500	3/4	3"	1	ZD63116	153.79	ZD64116	153.79	ZD65116	153.79	ZD63416	153.79
1-1/2	1.5000	3/4	3-3/8	1	ZD63132	235.47	ZD64132	235.47	ZD65132	235.47	ZD63432	235.47
1-3/4	1.7500	3/4	3"	1	ZD63148	327.68	ZD64148	327.68	ZD65148	327.68	ZD63448	327.68
2	2.0000	3/4	3-3/4	1	ZD63200	345.60	ZD64200	345.60	ZD65200	345.60	ZD63500	345.60



**HYPER COUNTERSINK - HSS - 3 FLUTE**  
**FRAISES CONIQUE - 3 DENT**

**ZD66-67-68**



**HSS**

DIA	DEC	SHANK	OA	PKG	60°	SEA/CH	82°	SEA/CH	90°	SEA/CH	100°	SEA/CH
1/4	0.2500	1/4	2"	1	ZD66016	16.41	ZD67016	16.41	ZD68016	16.41	ZD66316	16.41
3/8	0.3750	1/4	2"	1	ZD66024	18.55	ZD67024	18.55	ZD68024	18.55	ZD66324	18.55
1/2	0.5000	1/4	2"	1	ZD66032	25.70	ZD67032	25.70	ZD68032	25.70	ZD66332	25.70
5/8	0.6250	1/2	2-1/2	1	ZD66040	37.82	ZD67040	37.82	ZD68040	37.82	ZD66340	37.82
3/4	0.7500	1/2	2-3/4	1	ZD66048	46.61	ZD67048	46.61	ZD68048	46.61	ZD66348	46.61
1"	1.0000	1/2	2-3/4	1	ZD66100	93.48	ZD67100	93.48	ZD68100	93.48	ZD66400	93.48
1-1/4	1.2500	3/4	3"	1	ZD66116	164.48	ZD67116	164.48	ZD68116	164.48	-	-
1-1/2	1.5000	3/4	3-3/8	1	ZD66132	235.47	ZD67132	235.47	ZD68132	235.47	-	-
2"	2.0000	3/4	3-3/4	1	ZD66200	345.60	ZD67200	345.60	ZD68200	345.60	-	-

**HYPER 4 FLUTE MACHINE COUNTERSINK**  
**FRAISES CONIQUE - 4 DENT**

**ZD73-74-75**



**HSS**

DIA	DEC	SHANK	OA	PKG	60°	SEA/CH	82°	SEA/CH	90°	SEA/CH		
1/2	0.5000	1/2	3-7/8	1	ZD73032	65.55	ZD74032	65.55	ZD75032	65.55	-	-
5/8	0.6250	1/2	4"	1	ZD73040	73.21	ZD74040	73.21	ZD75040	73.21	-	-
3/4	0.7500	1/2	4-1/8	1	ZD73048	93.64	ZD74048	93.64	ZD75048	93.64	-	-
7/8	0.8750	1/2	4-1/4	1	ZD73056	102.37	ZD74056	102.37	ZD75056	102.37	-	-
1"	1.0000	1/2	4-1/7	1	ZD73100	113.74	ZD74100	113.74	ZD75100	113.74	-	-
1-1/4	1.2500	1/2	4-3/8	1	ZD73116	160.06	ZD74116	160.06	ZD75116	160.06	-	-
1-1/2	1.5000	1/2	4-1/2	1	ZD73132	211.55	ZD74132	211.55	ZD75132	211.55	-	-

**HYPER COUNTERSINK - HSS - 6 FLUTE**  
**FRAISES CONIQUE - 6 DENT**

**ZD69-70-71-72**



**HSS**

DIA	DEC	SHANK	OA	PKG	60°	SEA/CH	82°	SEA/CH	90°	SEA/CH	100°	SEA/CH
3/16	0.1875	1/4	2"	1	ZD69012	18.14	ZD70012	18.14	ZD71012	18.14	ZD72012	18.14
1/4	0.2500	1/4	2"	1	ZD69016	21.76	ZD70016	21.76	ZD71016	21.76	ZD72016	21.76
5/16	0.3125	1/4	2"	1	ZD69020	23.37	ZD70020	23.37	ZD71020	23.37	ZD72020	23.37
3/8	0.3750	1/4	2"	1	ZD69024	30.62	ZD70024	30.62	ZD71024	30.62	ZD72024	30.62
1/2	0.5000	1/4	2"	1	ZD69032	43.53	ZD70032	43.53	ZD71032	43.53	ZD72032	43.53
5/8	0.6250	1/2	2-1/2	1	ZD69040	57.83	ZD70040	57.83	ZD71040	57.83	ZD72040	57.83
3/4	0.7500	1/2	2-3/4	1	ZD69048	72.17	ZD70048	72.17	ZD71048	72.17	ZD72048	72.17
7/8	0.8750	1/2	2-3/4	1	ZD69056	91.60	ZD70056	91.60	ZD71056	91.60	ZD72056	91.60
1"	1.0000	1/2	2-3/4	1	ZD69100	101.06	ZD70100	101.06	ZD71100	101.06	ZD72100	101.06
1-1/4	1.2500	3/4	3-3/8	1	ZD69116	147.94	ZD70116	147.94	ZD71116	147.94	ZD72116	147.94
1-1/2	1.5000	3/4	3-1/2	1	ZD69132	202.33	ZD70132	202.33	ZD71132	202.33	ZD72132	202.33
1-3/4	2.0000	1"	4-1/4	1	ZD69148	291.93	ZD70148	291.93	ZD71148	291.93	-	-
2"	2.0000	1"	4-3/8	1	ZD69200	319.22	ZD70200	319.22	ZD71200	319.22	-	-

**HYPER MORSE TAPER SHANK DRILL - HSS - ANSI**  
**FORETS A QUEUE CONIQUE MORSE - HYPER - ACIER RAPIDE**

**ZD30**



**MTS**

**MAINTENANCE TOOLS**

**LINGE ENTRE TIEN**

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
ZD30008	1/8	#1	0.1250	1-7/8	5-1/8	1	6.85
ZD30009	9/64	#1	0.1406	2-1/8	5-3/8	1	7.97
ZD30010	5/32	#1	0.1562	2-1/8	5-3/8	1	7.50
ZD30011	11/64	#1	0.1719	2-1/2	5-3/4	1	8.95
ZD30012	3/16	#1	0.1875	2-1/2	5-3/4	1	7.21
ZD30013	13/64	#1	0.2031	2-3/4	6"	1	7.97
ZD30014	7/32	#1	0.2188	2-3/4	6"	1	7.97
ZD30015	15/64	#1	0.2344	2-7/8	6-1/8	1	9.35
ZD30016	1/4	#1	0.2500	2-7/8	6-1/8	1	8.23
ZD30017	17/64	#1	0.2656	3"	6-1/4	1	8.85
ZD30018	9/32	#1	0.2812	3"	6-1/4	1	8.85
ZD30019	19/64	#1	0.2969	3-1/8	6-3/8	1	11.29
ZD30020	5/16	#1	0.3125	3-1/8	6-3/8	1	9.23
ZD30021	21/64	#1	0.3281	3-1/4	6-1/2	1	11.93
ZD30022	11/32	#1	0.3438	3-1/4	6-1/2	1	12.85
ZD30023	23/64	#1	0.3594	3-1/2	6-3/4	1	13.99
ZD30024	3/8	#1	0.3750	3-1/2	6-3/4	1	13.99
ZD30025	25/64	#1	0.3906	3-5/8	7"	1	14.43
ZD30026	13/32	#1	0.4062	3-5/8	7"	1	14.13
ZD30027	27/64	#1	0.4219	3-7/8	7-1/4	1	15.13
ZD30028	7/16	#1	0.4375	3-7/8	7-1/4	1	15.20
ZD30029	29/64	#1	0.4531	4-1/8	7-1/2	1	16.80
ZD30030	15/32	#1	0.4688	4-1/8	7-1/2	1	17.43
ZD30031	31/64	#2	0.4844	4-3/8	8-1/4	1	19.94
ZD30032	1/2	#2	0.5000	4-3/8	8-1/4	1	19.03
ZD30033	33/64	#2	0.5156	4-5/8	8-1/2	1	21.86
ZD30034	17/32	#2	0.5312	4-5/8	8-1/2	1	21.86
ZD30035	35/64	#2	0.5469	4-7/8	8-3/4	1	23.31
ZD30036	9/16	#2	0.5625	4-7/8	8-3/4	1	23.78
ZD30037	37/64	#2	0.5781	4-7/8	8-3/4	1	25.07
ZD30038	19/32	#2	0.5938	4-7/8	8-3/4	1	24.43
ZD30039	39/64	#2	0.6094	4-7/8	8-3/4	1	26.80
ZD30040	5/8	#2	0.6250	4-7/8	8-3/4	1	25.91
ZD30041	41/64	#2	0.6406	5-1/8	9"	1	29.51
ZD30042	21/32	#2	0.6562	5-1/8	9"	1	29.37
ZD30043	43/64	#2	0.6719	5-3/8	9-1/4	1	32.36
ZD30044	11/16	#2	0.6875	5-3/8	9-1/4	1	32.05
ZD30045	45/64	#2	0.7031	5-5/8	9-1/2	1	39.46
ZD30046	23/32	#2	0.7188	5-5/8	9-1/2	1	34.18
ZD30047	47/64	#2	0.7344	5-7/8	9-3/4	1	37.58
ZD30048	3/4	#2	0.7500	5-7/8	9-3/4	1	37.58
ZD30049	49/64	#2	0.7656	6"	9-7/8	1	41.57
ZD30050	25/32	#2	0.7812	6"	9-7/8	1	41.24
ZD30051	51/64	#3	0.7969	6-1/8	10-3/4	1	42.86
ZD30052	13/16	#3	0.8125	6-1/8	10-3/4	1	42.51
ZD30053	53/64	#3	0.8281	6-1/8	10-3/4	1	45.37
ZD30054	27/32	#3	0.8438	6-1/8	10-3/4	1	45.37
ZD30055	55/64	#3	0.8594	6-1/8	10-3/4	1	47.30
ZD30056	7/8	#3	0.8750	6-1/8	10-3/4	1	46.63
ZD30057	57/64	#3	0.8906	6-1/8	10-3/4	1	48.88

CODE	FRAC	NO	DEC	FLT	OA	PKG	\$ EA
ZD30058	29/32	#3	0.9062	6-1/8	10-3/4	1	48.88
ZD30059	59/64	#3	0.9219	6-1/8	10-3/4	1	54.41
ZD30060	15/16	#3	0.9375	6-1/8	10-3/4	1	51.29
ZD30061	61/64	#3	0.9531	6-3/8	11"	1	56.01
ZD30062	31/32	#3	0.9688	6-3/8	11"	1	56.32
ZD30063	63/64	#3	0.9844	6-3/8	11"	1	59.65
ZD30100	1"	#3	1.0000	6-3/8	11"	1	58.71
ZD30101	1-1/64	#3	1.0156	6-1/2	11-1/8	1	67.43
ZD30102	1-1/32	#3	1.0312	6-1/2	11-1/8	1	64.74
ZD30103	1-3/64	#3	1.0469	6-5/8	11-1/4	1	70.63
ZD30104	1-1/16	#3	1.0625	6-5/8	11-1/4	1	67.43
ZD30105	1-5/64	#4	1.0781	6-7/8	12-1/2	1	75.50
ZD30106	1-3/32	#4	1.0938	6-7/8	12-1/2	1	75.50
ZD30107	1-7/64	#4	1.1094	7-1/8	12-3/4	1	80.58
ZD30108	1-1/8	#4	1.1250	7-1/8	12-3/4	1	78.71
ZD30109	1-9/64	#4	1.1406	7-1/4	12-7/8	1	84.55
ZD30110	1-5/32	#4	1.1562	7-1/4	12-7/8	1	84.55
ZD30111	1-11/64	#4	1.1719	7-3/8	13"	1	108.68
ZD30112	1-3/16	#4	1.1875	7-3/8	13"	1	85.50
ZD30113	1-13/64	#4	1.2031	7-1/2	13-1/8	1	92.93
ZD30114	1-7/32	#4	1.2188	7-1/2	13-1/8	1	91.71
ZD30115	1-15/64	#4	1.2344	7-7/8	13-1/2	1	101.07
ZD30116	1-1/4	#4	1.2500	7-7/8	13-1/2	1	100.42
ZD30117	1-17/64	#4	1.2656	8-1/2	14-1/8	1	122.49
ZD30118	1-9/32	#4	1.2812	8-1/2	14-1/8	1	121.07
ZD30119	1-19/64	#4	1.2969	8-5/8	14-1/4	1	130.24
ZD30120	1-5/16	#4	1.3125	8-5/8	14-1/4	1	123.44
ZD30121	1-21/64	#4	1.3281	8-3/4	14-3/8	1	134.36
ZD30122	1-11/32	#4	1.3438	8-3/4	14-3/8	1	130.24
ZD30123	1-23/64	#4	1.3594	8-7/8	14-1/2	1	137.28
ZD30124	1-3/8	#4	1.3750	8-7/8	14-1/2	1	132.16
ZD30125	1-25/64	#4	1.3906	9"	14-5/8	1	141.25
ZD30126	1-13/32	#4	1.4062	9"	14-5/8	1	141.25
ZD30127	1-27/64	#4	1.4219	9-1/8	14-1/4	1	145.48
ZD30128	1-7/16	#4	1.4375	9-1/8	14-1/4	1	142.79
ZD30129	1-29/64	#4	1.4531	9-1/4	14-7/8	1	150.23
ZD30130	1-15/32	#4	1.4688	9-1/4	14-7/8	1	148.65
ZD30131	1-31/64	#4	1.4844	9-3/8	15"	1	154.09
ZD30132	1-1/2	#4	1.5000	9-3/8	15"	1	149.52
ZD30133	1-33/64	#5	1.5156	9-3/8	16-3/8	1	169.02
ZD30134	1-17/32	#5	1.5312	9-3/8	16-3/8	1	167.09
ZD30135	1-35/64	#5	1.5469	9-5/8	16-5/8	1	180.12
ZD30136	1-9/16	#5	1.5625	9-5/8	16-5/8	1	179.14
ZD30137	1-37/64	#5	1.5781	9-7/8	16-7/8	1	191.30
ZD30138	1-19/32	#5	1.5938	9-7/8	16-7/8	1	191.30
ZD30139	1-39/64	#5	1.6094	10"	17"	1	199.46
ZD30140	1-5/8	#5	1.6250	10"	17"	1	195.94
ZD30141	1-41/64	#5	1.6406	10-1/8	17-1/8	1	205.95
ZD30142	1-21/32	#5	1.6562	10-1/8	17-1/8	1	204.97
ZD30143	1-43/64	#5	1.6719	10-1/8	17-1/8	1	213.70



**HYPER MORSE TAPER SHANK DRILL - HSS - ANSI**  
**FORETS A QUEUE CONIQUE MORSE - HYPER - ACIER RAPIDE**

**ZD30**



**MTS**

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
ZD30144	1-11/16	#5	1.6875	10-1/8	17-1/8	1	210.72
ZD30145	1-45/64	#5	1.7031	10-1/8	17-1/8	1	220.22
ZD30146	1-23/32	#5	1.7188	10-1/8	17-1/8	1	218.14
ZD30147	1-47/64	#5	1.7344	10-1/8	17-1/8	1	227.36
ZD30148	1-3/4	#5	1.7500	10-1/8	17-1/8	1	221.51
ZD30150	1-25/32	#5	1.7812	10-1/8	17-1/8	1	234.37
ZD30152	1-13/16	#5	1.8125	10-1/8	17-1/8	1	248.15
ZD30154	1-27/32	#5	1.8438	10-1/8	17-1/8	1	248.15
ZD30156	1-7/8	#5	1.8750	10-3/8	17-3/8	1	248.15
ZD30158	1-29/32	#5	1.9062	10-3/8	17-3/8	1	267.80
ZD30160	1-15/16	#5	1.9375	10-3/8	17-3/8	1	271.64
ZD30162	1-31/32	#5	1.9688	10-3/8	17-3/8	1	280.06
ZD30200	2"	#5	2.0000	10-3/8	17-3/8	1	283.52
ZD30204	2-1/16	#5	2.0625	10-1/4	17-3/8	1	320.89
ZD30208	2-1/8	#5	2.1250	10-1/4	17-3/8	1	339.58

CODE	FRAC	MTS	DEC	FLT	OA	PKG	\$ EA
ZD30212	2-3/16	#5	2.1875	10-1/4	17-3/8	1	368.77
ZD30216	2-1/4	#5	2.2500	10-1/8	17-3/8	1	384.93
ZD30220	2-5/16	#5	2.3125	10-1/8	17-3/8	1	410.78
ZD30224	2-3/8	#5	2.3750	10-1/8	17-3/8	1	426.94
ZD30228	2-7/16	#5	2.4375	11-1/4	18-3/4	1	540.14
ZD30232	2-1/2	#5	2.5000	11-1/4	18-3/4	1	559.64
ZD30236	2-9/16	#5	2.5625	11-7/8	19-1/2	1	608.09
ZD30240	2-5/8	#5	2.6250	11-7/8	19-1/2	1	650.17
ZD30244	2-11/16	#5	2.6875	12-3/4	20-3/8	1	701.82
ZD30248	2-3/4	#5	2.7500	12-3/4	20-3/8	1	724.50
ZD30252	2-13/16	#5	2.8125	13-3/8	21-1/8	1	789.14
ZD30256	2-7/8	#5	2.8750	13-3/8	21-1/8	1	831.22
ZD30260	2-15/16	#5	2.9375	14"	21-3/4	1	876.53
ZD30300	3"	#5	3.0000	14"	21-3/4	1	915.38

**OSBORN-M MAINTENANCE TAPS - HSS - GROUND THREAD**  
**TARAUDS OSBORN-M - ACIER RAPIDE - FILETS RECTIFIES**

**ZT01-02-08-09**



**HSS**

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	SEA SCH	SETS JEUX	\$ EA \$ CH
4-40 NC	ZT08004	ZT01004	ZT09004	5/8	1-7/8	0.141	3	5.91	ZT02004	17.69
4-48 NF	ZT08204	ZT01204	ZT09204	5/8	1-7/8	0.141	3	5.91	ZT02204	17.69
6-32 NC	ZT08006	ZT01006	ZT09006	11/16	2"	0.141	3	5.91	ZT02006	17.69
6-40 NF	ZT08206	ZT01206	ZT09206	11/16	2"	0.141	3	5.91	ZT02206	17.69
8-32 NC	ZT08008	ZT01008	ZT09008	3/4	2-1/8	0.168	4	5.91	ZT02008	17.69
8-36 NF	ZT08208	ZT01208	ZT09208	3/4	2-1/8	0.168	4	5.91	ZT02208	17.69
10-24 NC	ZT08010	ZT01010	ZT09010	7/8	2-3/8	0.194	4	5.91	ZT02010	17.69
10-32 NF	ZT08210	ZT01210	ZT09210	7/8	2-3/8	0.194	4	5.91	ZT02210	17.69
12-24 NC	ZT08012	ZT01012	ZT09012	15/16	2-3/8	0.220	4	6.70	ZT02012	20.10
12-28 NF	ZT08212	ZT01212	ZT09212	15/16	2-3/8	0.220	4	6.70	ZT02212	20.10
1/4-20 NC	ZT08404	ZT01404	ZT09404	1"	2-1/2	0.255	4	6.70	ZT02404	20.10
1/4-28 NF	ZT08504	ZT01504	ZT09504	1"	2-1/2	0.255	4	6.70	ZT02504	20.10
5/16-18 NC	ZT08405	ZT01405	ZT09405	1-1/8	2-23/32	0.318	4	7.64	ZT02405	22.91
5/16-24 NF	ZT08505	ZT01505	ZT09505	1-1/8	2-23/32	0.318	4	7.64	ZT02505	22.91
3/8-16 NC	ZT08406	ZT01406	ZT09406	1-1/4	2-15/16	0.381	4	7.64	ZT02406	22.91
3/8-24 NF	ZT08506	ZT01506	ZT09506	1-1/4	2-15/16	0.381	4	7.64	ZT02506	22.91

**OSBORN-M MAINTENANCE TAPS - HSS - GROUND THREAD  
TARAUDS OSBORN-M - ACIER RAPIDE - FILETS RECTIFIES**

**ZT01-02-08-09**



**HSS**

**MAINTENANCE TOOLS**

SIZE DIM	TAPER EBAUCH	PLUG INTERM	BOTTOM FINISSEUR	THREAD FILETEE	LENGTH LONGEUR	SHK DIA QUEUE	FLTS CANN	\$ EA \$ CH	SETS JEUX	\$ EA \$ EA
7/16-14 NC	ZT08407	ZT01407	ZT09407	1-7/16	3-5/32	0.323	4	13.41	ZT02407	40.20
7/16-20 NF	ZT08507	ZT01507	ZT09507	1-7/16	3-5/32	0.323	4	13.41	ZT02507	40.20
1/2-13 NC	ZT08408	ZT01408	ZT09408	1-21/32	3-3/8	0.367	4	13.41	ZT02408	40.20
1/2-20 NF	ZT08508	ZT01508	ZT09508	1-21/32	3-3/8	0.367	4	13.41	ZT02508	40.20
9/16-12 NC	ZT08409	ZT01409	ZT09409	1-21/32	3-19/32	0.429	4	16.89	ZT02409	50.65
9/16-18 NF	ZT08509	ZT01509	ZT09509	1-21/32	3-19/32	0.429	4	16.89	ZT02509	50.65
5/8-11 NC	ZT08410	ZT01410	ZT09410	1-13/16	3-13/16	0.480	4	17.72	ZT02410	53.15
5/8-18 NF	ZT08510	ZT01510	ZT09510	1-13/16	3-13/16	0.480	4	17.72	ZT02510	53.15
3/4-10 NC	ZT08412	ZT01412	ZT09412	2"	4-1/4	0.590	4	22.17	ZT02412	66.48
3/4-16 NF	ZT08512	ZT01512	ZT09512	2"	4-1/4	0.590	4	22.17	ZT02512	66.48
7/8-9 NC	ZT08414	ZT01414	ZT09414	2-7/32	4-11/16	0.697	4	27.77	ZT02414	83.30
7/8-14 NF	ZT08514	ZT01514	ZT09514	2-7/32	4-11/16	0.697	4	27.77	ZT02514	83.30
1"-8 NC	ZT08416	ZT01416	ZT09416	2-1/2	5-1/8	0.800	4	30.41	ZT02416	91.22
1"-12 NF	ZT08516	ZT01516	ZT09516	2-1/2	5-1/8	0.800	4	30.41	ZT02516	91.22
1"-14 NS	ZT08616	ZT01616	ZT09616	2-1/2	5-1/8	0.800	4	30.41	ZT02616	91.22

**OSBORN-M SPIRAL POINT MAINTENANCE TAPS - HSS - GROUND THREAD  
TARAUDS OSBORN-M - ACIER RAPIDE - FILETS RECTIFIES - ENTREE EN HELICE**

**ZT04**



**HSS**

**LINGE ENTRE TIEN**

CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	FLUTES CANN	\$ EA \$ EA	CODE	SIZE DIM	THREAD FILETEE	LENGTH LONGEUR	FLUTES CANN	\$ EA \$ EA
ZT04006	6-32 NC	11/16	2"	2	6.70	ZT04406	3/8-16 NC	1"	2-15/16	3	7.92
ZT04206	6-40 NF	11/16	2"	2	6.70	ZT04505	3/8-24 NF	1"	2-15/16	3	7.92
ZT04008	8-32 NC	3/4	2-1/8	2	6.70	ZT04407	7/16-14 NC	1-1/16	3-5/32	3	16.49
ZT04208	8-36 NF	3/4	2-1/8	2	6.70	ZT04507	7/16-20 NF	1-1/16	3-5/32	3	16.49
ZT04008	8-32 NC	3/4	2-1/8	2	6.70	ZT04408	1/2-13 NC	1-3/16	3-3/8	3	16.49
ZT04208	8-36 NF	3/4	2-1/8	2	6.70	ZT04508	1/2-20 NF	1-3/16	3-3/8	3	16.49
ZT04010	10-24 NC	11/16	2-3/8	2	6.70	ZT04409	9/16-12 NC	1-13/16	3-3/16	3	21.04
ZT04210	10-32 NF	11/16	2-3/8	2	6.70	ZT04509	9/16-18 NF	1-13/16	3-3/16	3	21.04
ZT04012	12-24 NC	11/16	2-3/8	2	7.11	ZT04410	5/8-11 NC	1-13/16	3-13/16	3	22.49
ZT04212	12-28 NF	11/16	2-3/8	2	7.11	ZT04510	5/8-18 NF	1-13/16	3-13/16	3	22.49
ZT04404	1/4-20 NC	13/16	2-1/2	2	7.11	ZT04412	3/4-10 NC	2"	4-1/4	3	42.22
ZT04504	1/4-28 NF	13/16	2-1/2	2	7.11	ZT04512	3/4-16 NF	2"	4-1/4	3	42.22
ZT04405	5/16-18 NC	7/8	2-23/32	2	7.92	ZT04414	7/8-9 NC	2-7/32	4-11/16	3	53.88
ZT04505	5/16-24 NF	7/8	2-23/32	2	7.92	ZT04514	7/8-14 NF	2-7/32	4-11/16	3	53.88
						ZT04416	1"-8 NC	2-1/2	5-1/8	3	80.69
						ZT04516	1"-12 NF	2-1/2	5-1/8	3	80.69
						ZT04616	1"-14 NS	2-1/2	5-1/8	3	80.69



# BANDSAW BLADE

# LAMES DE SCIE À RUBAN

METAL CUTTING BANDSAW BLADE - FLEX BACK - CARBON STEEL  
LAMES DE SCIE A RUBAN - ENDOS FLEXIBLE - ACIER CARBONNE

CARBON



FLEX BACK

BANDSAW BLADE

LAMES DE SCIE À RUBAN

WIDTH	TOOTH	THICKNESS	100' CODE	250' CODE	\$/FOOT
1/4	4H	0.025	HA72104	HA72604	1.38
1/4	6H	0.025	HA72106	HA72606	1.38
1/4	6N	0.025	HA70106	HA70606	1.38
1/4	8N	0.025	HA70108	HA70608	1.38
1/4	10N	0.025	HA70110	HA70610	1.38
1/4	14N	0.025	HA70114	HA70614	1.38
1/4	18N	0.025	HA70118	HA70618	1.38
1/4	24N	0.025	HA70124	HA70624	1.38
5/16	4H	0.025	HA72004	HA72504	1.38
5/16	6H	0.025	HA72006	HA72506	1.38
5/16	6N	0.025	HA70006	HA70506	1.38
5/16	8N	0.025	HA70008	HA70508	1.38
5/16	10N	0.025	HA70010	HA70510	1.38
5/16	14N	0.025	HA70014	HA70514	1.38
5/16	18N	0.025	HA70018	HA70518	1.38
5/16	24N	0.025	HA70024	HA70524	1.38
3/8	3H	0.025	HA72153	HA72653	1.38
3/8	4H	0.025	HA72154	HA72654	1.38
3/8	6H	0.025	HA72156	HA72656	1.38
3/8	6N	0.025	HA70156	HA70656	1.38
3/8	8N	0.025	HA70158	HA70658	1.38
3/8	10N	0.025	HA70160	HA70660	1.38
3/8	14N	0.025	HA70164	HA70664	1.38
3/8	18N	0.025	HA70168	HA70668	1.38
3/8	24N	0.025	HA70174	HA70674	1.38
1/2	3H	0.025	HA72203	HA72703	1.52
1/2	4H	0.025	HA72204	HA72704	1.52
1/2	6H	0.025	HA72206	HA72706	1.52
1/2	6N	0.025	HA70206	HA70706	1.52
1/2	8N	0.025	HA70208	HA70708	1.52
1/2	10N	0.025	HA70210	HA70710	1.52
1/2	14N	0.025	HA70214	HA70714	1.52
1/2	18N	0.025	HA70218	HA70718	1.52
1/2	24N	0.025	HA70224	HA70724	1.52
5/8	3H	0.032	HA72253	HA72753	2.02
5/8	4H	0.032	HA72254	HA72754	2.02
5/8	4N	0.032	HA70254	HA70754	2.02
5/8	6N	0.032	HA70256	HA70756	2.02
5/8	8N	0.032	HA70258	HA70758	2.02
5/8	10N	0.032	HA70260	HA70760	2.02
5/8	14N	0.032	HA70264	HA70764	2.02
5/8	18N	0.032	HA70268	HA70768	2.02
5/8	24N	0.032	HA70274	HA70774	2.02



**METAL CUTTING BANDSAW BLADE - FLEX BACK - CARBON STEEL**  
**LAMES DE SCIE A RUBAN - ENDOS FLEXIBLE - ACIER CARBONNE**

**CARBON**



**FLEX BACK**

WIDTH LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	100' CODE	250' CODE	\$ /FOOT \$/PIED
5/8	3H	0.032	HA72253	HA72753	2.02
5/8	4H	0.032	HA72254	HA72754	2.02
5/8	4N	0.032	HA70254	HA70754	2.02
5/8	6N	0.032	HA70256	HA70756	2.02
5/8	8N	0.032	HA70258	HA70758	2.02
5/8	10N	0.032	HA70260	HA70760	2.02
5/8	14N	0.032	HA70264	HA70764	2.02
5/8	18N	0.032	HA70268	HA70768	2.02
5/8	24N	0.032	HA70274	HA70774	2.02
3/4	3H	0.032	HA72303	HA72803	2.22
3/4	4H	0.032	HA72304	HA72804	2.22
3/4	6N	0.032	HA70306	HA70806	2.22
3/4	8N	0.032	HA70308	HA70808	2.22
3/4	10N	0.032	HA70310	HA70810	2.22
3/4	14N	0.032	HA70314	HA70814	2.22
3/4	18N	0.032	HA70318	HA70818	2.22
1"	2H	0.035	HA72352	HA72852	2.92
1"	3H	0.035	HA72353	HA72853	2.92
1"	4H	0.035	HA72354	HA72856	2.92
1"	6N	0.035	HA70356	HA70856	2.92
1"	8N	0.035	HA70358	HA70858	2.92
1"	10N	0.035	HA70360	HA70860	2.92
1"	14N	0.035	HA70364	HA70864	2.92

The bandsaw listed can be welded to any length.

The weld charge for carbon bandsaw is \$7.70 list for each weld.

The weld charge for cobalt bandsaw is \$10.61 list for each weld.

To calculate the list price of a blade 12' X 1" X 4H carbon:

Find the 250' coil code: HA72856 @ \$2.92 per foot

Multiply by the number of feet rounded to .5 feet:  $2.92 \times 12' = \$35.04$

Add the weld charge: \$7.70

The total list price for the blade is: \$42.74

To order the blade specify: HA72856 X 12' or HA72856 X 144"

Lames de scie peuvent être soudées sur toute longueur.

Le frais de soudure pour lames de scie carbone est \$7.70 liste.

Le frais de soudure pour lames de scie cobalt est \$10.61 liste.

Pour la prix liste d'un scie 12' X 1" X 4H carbone:

Spécifier le code de 250': HA72856 @ \$2.92 par pied

Multiplier par le nombre de pieds à arrondi aux pieds de .5 :  $2.92 \times 12' = 35.04$

Ajouter le frais de soudure: \$7.70

La prix liste pour la lame de scie: \$42.74

Pour commandez spécifier: HA72856 X 12' ou HA72856 X 144"

METAL CUTTING BANDSAW BLADE -HARD BACK - CARBON STEEL  
LAMES DE SCIE A RUBAN - "HARD BACK" - ACIER CARBONNE

CARBON



HARD BACK

BANDSAW BLADE

LAMES DE SCIE À RUBAN

WIDTH	TOOTH	THICKNESS	100' CODE	250' CODE	\$ /FOOT
1/4	4H	0.025	HA73104	HA73604	1.45
1/4	6H	0.025	HA73106	HA73606	1.45
1/4	6N	0.025	HA71106	HA71606	1.45
1/4	8N	0.025	HA71108	HA71608	1.45
1/4	10N	0.025	HA71110	HA71610	1.45
1/4	14N	0.025	HA71114	HA71614	1.45
1/4	18N	0.025	HA71118	HA71618	1.45
1/4	24N	0.025	HA71124	HA71624	1.45
5/16	6H	0.025	HA73006	HA73506	1.45
5/16	6N	0.025	HA71006	HA71506	1.45
5/16	8N	0.025	HA71008	HA71508	1.45
5/16	10N	0.025	HA71010	HA71510	1.45
5/16	14N	0.025	HA71014	HA71514	1.45
5/16	18N	0.025	HA71018	HA71518	1.45
5/16	24N	0.025	HA71024	HA71524	1.45
3/8	4H	0.025	HA73154	HA73654	1.45
3/8	6H	0.025	HA73156	HA73656	1.45
3/8	6N	0.025	HA71156	HA71656	1.45
3/8	8N	0.025	HA71158	HA71658	1.45
3/8	10N	0.025	HA71160	HA71660	1.45
3/8	14N	0.025	HA71164	HA71664	1.45
3/8	18N	0.025	HA71168	HA71668	1.45
3/8	24N	0.025	HA71174	HA71674	1.45
1/2	3H	0.025	HA73203	HA73703	1.55
1/2	4H	0.025	HA73204	HA73704	1.55
1/2	6H	0.025	HA73206	HA73706	1.55
1/2	6N	0.025	HA71206	HA71706	1.55
1/2	8N	0.025	HA71208	HA71708	1.55
1/2	10N	0.025	HA71210	HA71710	1.55
1/2	14N	0.025	HA71214	HA71714	1.55
1/2	18N	0.025	HA71218	HA71718	1.55
1/2	24N	0.025	HA71224	HA71724	1.55
5/8	3H	0.032	HA73253	HA73753	2.11
5/8	4H	0.032	HA73254	HA73754	2.11
5/8	4N	0.032	HA71254	HA71754	2.11
5/8	6N	0.032	HA71256	HA71756	2.11
5/8	8N	0.032	HA71258	HA71758	2.11
5/8	10N	0.032	HA71260	HA71760	2.11
5/8	14N	0.032	HA71264	HA71764	2.11
5/8	24N	0.032	HA71274	HA71774	2.11



METAL CUTTING BANDSAW BLADE -HARD BACK - CARBON STEEL  
LAMES DE SCIE A RUBAN - "HARD BACK" - ACIER CARBONNE

CARBON



HARD BACK

WIDTH LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	100' CODE	250' CODE	\$/FOOT \$/PIED
3/4	4H	0.032	HA73304	HA73804	2.53
3/4	6N	0.032	HA71306	HA71806	2.53
3/4	8N	0.032	HA71308	HA71808	2.53
3/4	10N	0.032	HA71310	HA71810	2.53
3/4	14N	0.032	HA71314	HA71814	2.53
3/4	18N	0.032	HA71318	HA71818	2.53
3/4	24N	0.032	HA71324	HA71824	2.53
1"	3H	0.035	HA73353	HA73853	3.09
1"	4H	0.035	HA73354	HA73854	3.09
1"	6H	0.035	HA73355	HA73855	3.09
1"	4N	0.035	HA71354	HA71854	3.09
1"	6N	0.035	HA71356	HA71856	3.09
1"	8N	0.035	HA71358	HA71858	3.09
1"	10N	0.035	HA71360	HA71860	3.09
1"	14N	0.035	HA71364	HA71864	3.09

### RRR(FLEXBACK)

RRR flexback carbon bandsaw blades have a pin-point carbide structure of 30-50 grains per  $\mu\text{m}^2$ . The inclusion of hard iron carbides produces superior tooth edge wear resistance, together with high flex strength in the backing steel material.

#### Recommended applications



- Free cutting materials, timber and particle boards.

### RRR-Plus (HARDBACK)

RRR-Plus hardback carbon bandsaw blades have a pin-point carbide structure of 30-50 grains per  $\mu\text{m}^2$  and precision milled tooth profiles. A special heat treatment process increases the tensile strength of the steel backing material and the wear resistance of the tooth edge. These features result in a premium quality, long-life carbon blades.



- Low alloyed materials with a tensile strength up to 800 N/mm<sup>2</sup> [116 ksi]

METAL CUTTING BANDSAW BLADE - BI-METAL - M42 COBALT  
LAMES DE SCIE A RUBAN - BI-METAL - COBALT M42

BI-METAL



M42

BANDSAW BLADE

LAMES DE SCIE À RUBAN

WIDTH LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	100' CODE	250' CODE	\$/FOOT \$/PIED
1/4	6H	0.025	HA75006	HA75506	7.81
1/4	10/14N	0.025	HA75010	HA74110	7.81
1/4	6H	0.035	HA75106	HA75606	7.81
1/4	10N	0.035	HA75111	HA75611	7.81
1/4	10/14N	0.035	HA75011	HA74610	7.81
1/4	14N	0.035	HA75114	HA75614	7.81
3/8	6H	0.025	HA75007	HA75507	7.81
3/8	10/14N	0.025	HA75014	HA74314	7.81
3/8	4H	0.035	HA75054	HA75554	7.81
3/8	6H	0.035	HA75056	HA75556	7.81
3/8	8N	0.035	HA75058	HA75558	7.81
3/8	10N	0.035	HA75060	HA75560	7.81
3/8	10/14N	0.035	HA75110	HA74310	7.81
3/8	14N	0.035	HA75102	HA75602	7.81
1/2	14/18N	0.020	-	HA74518	7.81
1/2	6H	0.025	HA75146	HA75656	7.81
1/2	6/10N	0.025	HA75156	HA74506	7.81
1/2	8/12N	0.025	HA75158	HA74508	7.81
1/2	10N	0.025	HA75150	HA75650	7.81
1/2	10/14N	0.025	HA75160	HA74509	7.81
1/2	14N	0.025	HA75152	HA75652	7.81
1/2	3H	0.035	HA75203	HA75703	7.81
1/2	3ALL(WS)	0.035	-	HA79103	7.81
1/2	4H	0.035	HA75204	HA75704	7.81
1/2	4ALL(WS)	0.035	-	HA79104	7.81
1/2	6H	0.035	HA75206	HA75706	7.81
1/2	8N	0.035	HA75208	HA75708	7.81
1/2	10N	0.035	HA75210	HA75710	7.81
1/2	10/14N	0.035	HA74010	HA74510	7.81
1/2	14N	0.035	HA75214	HA75714	7.81
3/4	3H	0.035	-	HA75803	7.81
3/4	3ALL(WS)	0.035	-	HA79303	7.81
3/4	4H	0.035	-	HA75804	7.81
3/4	4/6H	0.035	-	HA74504	7.81
3/4	5/8N	0.035	-	HA74805	7.81
3/4	6/10N	0.035	-	HA74806	7.81
3/4	8/12N	0.035	-	HA74808	7.81
3/4	10/14N	0.035	-	HA74810	7.81
3/4	14N	0.035	-	HA75814	7.81
3/4	18N	0.035	-	HA74818	7.81



**METAL CUTTING BANDSAW BLADE - BI-METAL - M42 COBALT**  
**LAMES DE SCIE A RUBAN - BI-METAL - COBALT M42**

**BI-METAL**



**M42**

**BANDSAW BLADE**

**LAMES DE SCIE À RUBAN**

WIDTH LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	100' CODE	250' CODE	\$/FOOT \$/PIED
1"	2H	0.035	-	HA77961	9.46
1"	2ALU(WS)	0.035	-	HA79202	9.46
1"	2/3H	0.035	-	HA78602	9.46
1"	3H	0.035	-	HA77962	9.46
1"	3N	0.035	-	HA77703	9.46
1"	3ALU(WS)	0.035	-	HA79203	9.46
1"	3/4H	0.035	-	HA78603	9.46
1"	3/4N	0.035	-	HA76603	9.46
1"	3/4P	0.035	-	HA78403	9.46
1"	3/4P(WS)	0.035	-	HA78503	9.46
1"	3/4WS	0.035	-	HA76703	9.46
1"	4H	0.035	-	HA77963	9.46
1"	4N	0.035	-	HA77704	9.46
1"	4ALU(WS)	0.035	-	HA79204	9.46
1"	4/5H	0.035	-	HA78601	9.46
1"	4/6H	0.035	-	HA78604	9.46
1"	4/6N	0.035	-	HA78604	9.46
1"	4/6P	0.035	-	HA78404	9.46
1"	4/6WS	0.035	-	HA76704	9.46
1"	5/6H	0.035	-	HA78605	9.46
1"	5/7P	0.035	-	HA78405	9.46
1"	5/8N	0.035	-	HA76605	9.46
1"	6H	0.035	-	HA77966	9.46
1"	6N	0.035	-	HA77706	9.46
1"	6/10N	0.035	-	HA76606	9.46
1"	8N	0.035	-	HA77708	9.46
1"	8/11P	0.035	-	HA78406	9.46
1"	8/12N	0.035	-	HA76608	9.46
1"	10N	0.035	-	HA77710	9.46
1"	10/14N	0.035	-	HA76610	9.46
1"	14N	0.035	-	HA77714	9.46
1-1/4	1.25H	0.042	-	HA78841	11.27
1-1/4	1.25ALU(WS)	0.042	-	HA79901	11.27
1-1/4	2H	0.042	-	HA78842	11.27
1-1/4	2ALU(WS)	0.042	-	HA79902	11.27
1-1/4	2/3H	0.042	-	HA78852	11.27
1-1/4	2/3P(WS)	0.042	-	HA78512	11.27
1-1/4	2/3WS	0.042	-	HA76872	11.27
1-1/4	3H	0.042	-	HA78843	11.27
1-1/4	3N	0.042	-	HA77903	11.27
1-1/4	3ALU(WS)	0.042	-	HA79903	11.27
1-1/4	3/4H	0.042	-	HA78854	11.27
1-1/4	3/4N	0.042	-	HA76854	11.27
1-1/4	3/4P	0.042	-	HA78413	11.27
1-1/4	3/4P(WS)	0.042	-	HA78513	11.27
1-1/4	3/4WS	0.042	-	HA76873	11.27
1-1/4	4H	0.042	-	HA78844	11.27
1-1/4	4N	0.042	-	HA77904	11.27

METAL CUTTING BANDSAW BLADE - BI-METAL - M42 COBALT  
LAMES DE SCIE A RUBAN - BI-METAL - COBALT M42

BI-METAL



M42

BANDSAW BLADE

LAMES DE SCIE À RUBAN

WIDTH LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	100' CODE	250' CODE	\$ /FOOT \$/PIED
1-1/4	4/5H	0.042	-	HA78856	11.27
1-1/4	4/6H	0.042	-	HA78855	11.27
1-1/4	4/6N	0.042	-	HA78855	11.27
1-1/4	4/6P	0.042	-	HA78414	11.27
1-1/4	4/6WS	0.042	-	HA78874	11.27
1-1/4	5/6H	0.042	-	HA78857	11.27
1-1/4	5/7P	0.042	-	HA78415	11.27
1-1/4	5/8N	0.042	-	HA76856	11.27
1-1/4	6N	0.042	-	HA77906	11.27
1-1/4	6/10N	0.042	-	HA76857	11.27
1-1/4	8N	0.042	-	HA77908	11.27
1-1/4	8/12N	0.042	-	HA76858	11.27
1-1/4	10N	0.042	-	HA77910	11.27
1-1/2	1.25H	0.050	-	HA77991	16.44
1-1/2	1.5/2H	0.050	-	HA78938	16.44
1-1/2	2H	0.050	-	HA77992	16.44
1-1/2	2/3H	0.050	-	HA78940	16.44
1-1/2	2/3P(WS)	0.050	-	HA78522	16.44
1-1/2	2/3WS	0.050	-	HA78952	16.44
1-1/2	3H	0.050	-	HA77993	16.44
1-1/2	3/4H	0.050	-	HA78945	16.44
1-1/2	3/4N	0.050	-	HA76445	16.44
1-1/2	3/4P	0.050	-	HA78423	16.44
1-1/2	3/4P(WS)	0.050	-	HA78523	16.44
1-1/2	3/4WS	0.050	-	HA78953	16.44
1-1/2	4H	0.050	-	HA77994	16.44
1-1/2	4/5H	0.050	-	HA78946	16.44
1-1/2	4/6H	0.050	-	HA78947	16.44
1-1/2	4/6N	0.050	-	HA76447	16.44
1-1/2	4/6P	0.050	-	HA78424	16.44
1-1/2	4/6WS	0.050	-	HA78954	16.44
1-1/2	5/7P	0.050	-	HA78425	16.44
1-1/2	5/8N	0.050	-	HA76449	16.44
1-1/2	6/10N	0.050	-	HA76450	16.44
2"	1.1/1.6H	0.050	-	HA78960	19.80
2"	1.25H	0.050	-	HA78959	19.80
2"	1.5/2H	0.050	-	HA78961	19.80
2"	2/3H	0.050	-	HA78962	19.80
2"	2/3P(WS)	0.050	-	HA78532	19.80
2"	3/4H	0.050	-	HA78963	19.80
2"	3/4P(WS)	0.050	-	HA78533	19.80
2"	4/5H	0.050	-	HA78964	19.80
2"	4/6H	0.050	-	HA78965	19.80



**METAL CUTTING BANDSAW BLADE - BI-METAL - M42 COBALT**  
**LAMES DE SCIE A RUBAN - BI-METAL - COBALT M42**

**BI-METAL**



**M42**

WIDTH LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	100' CODE	250' CODE	\$/FOOT \$/PIED
2"	75/1.25H	0.063	-	HA79600	24.00
2"	1.1/1.6H	0.063	-	HA79601	24.00
2"	1.25H	0.063	-	HA79501	24.00
2"	1.5/2H	0.063	-	HA79602	24.00
2"	2H	0.063	-	HA79502	24.00
2"	2/3H	0.063	-	HA79603	24.00
2"	2/3P(WS)	0.063	-	HA78542	24.00
2"	2/3WS	0.063	-	HA78972	24.00
2"	3H	0.063	-	HA79503	24.00
2"	3/4H	0.063	-	HA79604	24.00
2"	3/4P	0.063	-	HA78443	24.00
2"	3/4P(WS)	0.063	-	HA78543	24.00
2"	3/4WS	0.063	-	HA78973	24.00
2"	4/5H	0.063	-	HA79605	24.00
2"	4/6H	0.063	-	HA79606	24.00
2"	5/6H	0.063	-	HA79607	24.00
2-5/8	75/1.25H	0.063	-	HA79712	35.14
2-5/8	1.1/1.6H	0.063	-	HA79716	35.14
2-5/8	1.25H	0.063	-	HA79701	35.14
2-5/8	1.5/2H	0.063	-	HA79720	35.14
2-5/8	2H	0.063	-	HA79702	35.14
2-5/8	2/3H	0.063	-	HA79730	35.14
2-5/8	2/3WS	0.063	-	HA78982	24.00
2-5/8	3/4H	0.063	-	HA79740	35.14
2-5/8	3/4WS	0.063	-	HA78983	24.00
2-5/8	4/6WS	0.063	-	HA78984	35.14
3-1/8	75H	0.063	-	HA79800	41.65
3-1/8	75/1.25H	0.063	-	HA79812	41.65
3-1/8	1.1/1.6H	0.063	-	HA79816	41.65
3-1/8	1.5/2H	0.063	-	HA79820	41.65
3-1/8	2/3H	0.063	-	HA79830	41.65



**Bi-alfa Cobalt (H = Hook, N=Normal)**  
**Recommended applications**  
 - All materials < 44 HRc



**Bi-alfa cobalt WS (WS)**  
**Recommended applications**  
 - All work pieces especially structural steels with high tension



**Bi-alfa Profile & Profile WS (P / P(WS))**  
**Recommended applications**  
 - Tubes and Profile  
 - Structural Steel sections with high tension load



**Bi-alfa cobalt WS ALU (ALU(WS))**  
**Recommended applications**  
 - Cutting of non-ferrous plate, bars and gates and risers on castings  
 - For aluminum with a silicon content < 7%

METAL CUTTING BANDSAW BLADE - BI-METAL - M42 COBALT - MASTER CUT  
LAMES DE SCIE A RUBAN - BI-METAL - COBALT M42 - MASTER CUT

HA88



MASTER CUT

BANDSAW BLADE

WIDTH LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	100' CODE	164' CODE	\$ /FOOT \$/PIED
1"	3/4M	0.035	-	HA88204	10.87
1-1/4	2/3M	0.042	-	HA88403	13.95
1-1/4	2/3RPM	0.042	-	HA88413	13.95
1-1/4	3/4M	0.042	-	HA88404	13.95
1-1/4	3/4RPM	0.042	-	HA88414	13.95
1-1/2	1.5/2M	0.050	-	HA88602	18.90
1-1/2	1.5/2RPM	0.050	-	HA88612	18.90
1-1/2	2/3M	0.050	-	HA88603	18.90
1-1/2	2/3RPM	0.050	-	HA88613	18.90
1-1/2	3/4M	0.050	-	HA88604	18.90
1-1/2	3/4RPM	0.050	-	HA88614	18.90
2"	1.1/1.6RPM	0.063	-	HA88863	27.59
2"	1.5/2RPM	0.063	-	HA88864	27.59
2"	2/3RPM	0.063	-	HA88962	27.59
2"	3/4RPM	0.063	-	HA88963	27.59
2-5/8	0.75/1.25RPM	0.063	-	HA88971	40.43
2-5/8	1.1/1.6RPM	0.063	-	HA88972	40.43
2-5/8	1.5/2RPM	0.063	-	HA88973	40.43
3-1/8	0.75/1.25RPM	0.063	-	HA88981	47.89
3-1/8	1.1/1.6RPM	0.063	-	HA88983	47.89

LAMES DE SCIE À RUBAN



**Bi-alfa Master (M)**

Recommended applications

- Heat resistant steels
- Titanium
- Exotic alloys and stainless steel



**Bi-alfa RP Master (RPM)**

Recommended applications

- Heat resistant steels
- Exotic alloys and stainless steel
- Titanium and nickel based alloys



**METAL CUTTING BANDSAW BLADE - BI-METAL - M51 COBALT**  
**LAMES DE SCIE A RUBAN - BI-METAL - COBALT M51**

**BI-METAL**



**M51**

WIDTH LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	100' CODE	164' CODE	\$ /FOOT \$/PIED
1"	2/3H	0.035	-	HA89002	11.17
1"	3/4H	0.035	-	HA89003	11.17
1"	4/5H	0.035	-	HA89004	11.17
1"	4/6H	0.035	-	HA89005	11.17
1-1/4	2/3H	0.042	-	HA89102	14.95
1-1/4	2/3MS	0.042	-	HA89502	14.95
1-1/4	3/4H	0.042	-	HA89103	14.95
1-1/4	3/4MS	0.042	-	HA89503	14.95
1-1/4	4/6H	0.042	-	HA89104	14.95
1-1/2	1.5/2H	0.050	-	HA89201	18.90
1-1/2	1.5/2MS	0.050	-	HA89601	18.90
1-1/2	2/3H	0.050	-	HA89202	18.90
1-1/2	2/3MS	0.050	-	HA89602	18.90
1-1/2	3/4H	0.050	-	HA89203	18.90
1-1/2	4/6H	0.050	-	HA89204	18.90
2"	1.1/1.6MS	0.063	-	HA89700	27.59
2"	1.5/2H	0.063	-	HA89301	27.59
2"	1.5/2MS	0.063	-	HA89701	27.59
2"	2/3H	0.063	-	HA89302	27.59
2"	2/3MS	0.063	-	HA89702	27.59
2"	3/4H	0.063	-	HA89304	27.59
2-5/8	0.75/1.25H	0.063	-	HA89400	40.43
2-5/8	0.75/1.25MS	0.063	-	HA89800	40.43
2-5/8	1.1/1.6H	0.063	-	HA89402	40.43
2-5/8	1.1/1.6MS	0.063	-	HA89801	40.43
2-5/8	1.5/2H	0.063	-	HA89403	40.43
2-5/8	1.5/2MS	0.063	-	HA89802	40.43
2-5/8	2/3H	0.063	-	HA89404	40.43
3-1/8	0.75/1.25H	0.063	-	HA89451	47.89
3-1/8	0.75/1.25MS	0.063	-	HA89901	47.89
3-1/8	1.1/1.6MS	0.630	-	HA89902	47.89



**Bi-alpha Cobalt M51**

**Recommended applications**

- Hard and abrasive steels at high cutting speeds
- Heat, corrosion and acid resistant steels up to 50HRc
- Higher cutting speeds will not compromise blade life or cut finish



**Master Supreme (MS) cobalt M51**

**Recommended applications**

- Heat resistant steels, exotic alloys and stainless steel
- Titanium, nickel base alloys
- Large cross sections

**METAL CUTTING BANDSAW BLADE - HM-TITAN - CARBIDE TIPPED**  
**LAMES DE SCIE A RUBAN - HM-TITAN - POINTE EN CARBURE**

**HA81-84**



**CARBIDE TIPPED**

BANDSAW BLADE

SIZE LARGEUR	TOOTH DENTS	THICKNESS ÉPAISSEUR	MU CODE	\$/FOOT \$/PIED	B0 CODE	\$/FOOT \$/PIED	MU ForteC CODE	\$/FOOT \$/PIED	B0 ForteC CODE	\$/FOOT \$/PIED	ALU CODE	\$/FOOT \$/PIED
3/4	3	0.035	-	-	-	-	-	-	-	-	HA83103	34.45
1"	2/3	0.035	HA81202	33.97	-	-	-	-	-	-	HA83204	33.97
1"	3	0.035	-	-	-	-	-	-	-	-	HA83203	34.45
1"	3/4	0.035	HA81203	41.87	HA84203	41.87	-	-	-	-	-	-
1-1/4	1.5/2	0.042	HA81401	32.71	-	-	-	-	-	-	HA83304	32.71
1-1/4	2	0.042	-	-	-	-	-	-	-	-	HA83302	32.71
1-1/4	2/3	0.042	HA81402	34.65	HA84402	34.65	-	-	-	-	-	-
1-1/4	3	0.042	-	-	-	-	-	-	-	-	HA83303	39.25
1-1/4	3/4	0.042	HA81403	45.32	HA84403	45.32	-	-	HA84413	45.91	-	-
1-1/2	1.5/2	0.050	HA81501	36.25	-	-	HA82501	52.44	-	-	HA83401	36.25
1-1/2	2/3	0.050	HA81502	39.10	HA84502	39.10	HA82502	54.19	-	-	HA83402	39.10
1-1/2	3/4	0.050	HA81503	51.45	HA84503	51.45	HA82503	63.02	HA84513	63.02	-	-
2"	0.85/1.15	0.050	HA81600	40.57	-	-	-	-	-	-	HA83520	40.57
2"	1.5/2	0.050	HA81601	40.95	-	-	-	-	-	-	HA83521	40.95
2"	2/3	0.050	HA81602	53.13	-	-	-	-	-	-	HA83522	49.79
2"	0.85/1.15	0.063	HA81620	43.01	-	-	-	-	-	-	HA83620	43.01
2"	1.1/1.6	0.063	HA81621	45.70	-	-	-	-	-	-	HA83621	52.25
2"	1.5/2	0.063	HA81631	48.85	-	-	HA82631	63.02	-	-	HA83622	54.52
2"	2/3	0.063	HA81632	54.52	HA84602	54.52	HA82632	64.78	-	-	-	-
2-5/8	0.85/1.15	0.063	HA81720	52.25	-	-	-	-	-	-	-	-
2-5/8	1.1/1.6	0.063	HA81721	57.62	-	-	HA82721	64.78	-	-	-	-
2-5/8	1.5/2	0.063	HA81731	62.20	-	-	-	-	-	-	-	-
3-1/8	0.85/1.15	0.063	HA81820	69.89	-	-	-	-	-	-	-	-
3-1/8	1.1/1.6	0.063	HA81821	73.37	-	-	-	-	-	-	-	-



**HM-Titan MU**  
**Recommended applications**  
 - Tool steels, stainless steels and high speed steels



**HM-Titan ForteC**  
**Recommended applications**  
 - Tool steels, stainless steels and high speed steels  
 - chromium-nickel steels and nickel based alloys



**HM-Titan B0**  
**Recommended applications**  
 - Induction hardened chromium steels  
 - hardened materials >50HRc



**HM-Titan B0 ForteC**  
**Recommended applications**  
 - Induction hardened chromium steels and hardened materials between 50 - 62 HRc



**HM-Titan ALU**  
**Recommended applications**  
 - Aluminum castings, plates and bars

LAMES DE SCIE À RUBAN



# INFORMATION

**DECIMAL EQUIVALENTS**  
**ÉQUIVALENTS DÉCIMAUX**

DIA	MM	DEC	DIA	MM	DEC	DIA	MM	DEC	DIA	MM	DEC
	0.01	0.0004	47	1.99	0.0785	13/64	5.16	0.2031		11.00	0.4331
	0.05	0.0020		2.00	0.0787	6	5.18	0.2040	7/16	11.11	0.4375
	0.10	0.0039	46	2.06	0.0810	5	5.22	0.2055	29/64	11.51	0.4531
	0.15	0.0059	45	2.08	0.0820	4	5.31	0.2090	15/32	11.91	0.4688
	0.20	0.0079	44	2.18	0.0860	3	5.41	0.2130		12.00	0.4724
	0.25	0.0098	43	2.28	0.0890	7/32	5.56	0.2188	31/64	12.30	0.4844
	0.30	0.0118	42	2.37	0.0935	2	5.61	0.2210	1/2	12.70	0.5000
80	0.34	0.0135	3/32	2.38	0.0938	1	5.79	0.2280		13.00	0.5118
79	0.37	0.0145	41	2.44	0.0960	A	5.94	0.2340	33/64	13.10	0.5156
1/64	0.40	0.0156	40	2.49	0.0980	15/64	5.95	0.2344	17/32	13.49	0.5313
78	0.41	0.0160	39	2.53	0.0995		6.00	0.2406	35/64	13.89	0.5469
77	0.46	0.0180	38	2.58	0.1015	B	6.05	0.2380		14.00	0.5512
	0.50	0.0197	37	2.64	0.1040	C	6.15	0.2420	9/16	14.29	0.5625
76	0.51	0.0200	36	2.71	0.1065	D	6.25	0.2460	37/64	14.68	0.5781
75	0.53	0.0210	7/64	2.78	0.1094	1/4	6.35	0.2500		15.00	0.5906
74	0.57	0.0225	35	2.79	0.1100	E	6.35	0.2500	19/32	15.08	0.5938
	0.60	0.0236	34	2.82	0.1110	F	6.53	0.2570	39/64	15.40	0.6094
73	0.81	0.0240	33	2.87	0.1130	G	6.63	0.2610	5/8	15.88	0.6250
72	0.84	0.0250	32	2.95	0.1160	17/64	6.75	0.2656		16.00	0.6299
71	0.86	0.0260		3.00	0.1181	H	6.78	0.2660	41/64	16.27	0.6406
	0.10	0.0039	31	3.05	0.1200	I	6.91	0.2720	21/32	16.67	0.6563
70	0.71	0.0280	1/8	3.18	0.1250		7.00	0.2756		17.00	0.6693
69	0.74	0.0292	30	3.26	0.1285	J	7.04	0.2770	43/64	17.07	0.6719
	0.75	0.0295	29	3.45	0.1360	K	7.14	0.2810	11/16	17.46	0.6875
68	0.79	0.0310	28	3.57	0.1405	9/32	7.14	0.2813	45/64	17.86	0.7031
1/32	0.79	0.0313	9/64	3.57	0.1406	L	7.37	0.2900		18.00	0.7087
	0.80	0.0315	27	3.66	0.1440	M	7.49	0.2950	23/32	18.26	0.7188
67	0.81	0.0320	26	3.73	0.1470	19/64	7.54	0.2969	47/64	18.65	0.7344
66	0.84	0.0330	25	3.80	0.1495	N	7.67	0.3020		19.00	0.7480
65	0.89	0.0350	24	3.86	0.1520	5/16	7.94	0.3125	3/4	19.05	0.7500
	0.90	0.0354	23	3.91	0.1540		8.00	0.3150	49/64	19.45	0.7656
64	0.91	0.0360	5/32	3.97	0.1563	O	8.03	0.3160	25/32	19.84	0.7813
63	0.94	0.0370	22	3.99	0.1570	P	8.20	0.3230		20.00	0.7874
62	0.97	0.0380		4.00	0.1575	21/64	8.33	0.3281	51/64	20.24	0.7969
61	0.99	0.0390	21	4.04	0.1590	Q	8.43	0.3320	13/16	20.64	0.8125
	1.00	0.0394	20	4.09	0.1610	R	8.61	0.3390		21.00	0.8268
60	1.02	0.0400	19	4.22	0.1660	11/32	8.73	0.3438	53/64	21.03	0.8281
59	1.04	0.0410	18	4.31	0.1695	S	8.84	0.3480	27/32	21.43	0.8438
58	1.07	0.0420	11/64	4.37	0.1719		9.00	0.3543	55/64	21.83	0.8594
57	1.09	0.0430	17	4.39	0.1730	T	9.09	0.3580		22.00	0.8661
56	1.18	0.0465	16	4.50	0.1770	23/64	9.13	0.3594	7/8	22.23	0.8750
3/64	1.19	0.0469	15	4.57	0.1800	U	9.35	0.3680	57/64	22.62	0.8906
55	1.32	0.0520	14	4.62	0.1820	3/8	9.53	0.3750		23.00	0.9055
54	1.41	0.0550	13	4.70	0.1850	V	9.56	0.3770	29/32	23.02	0.9063
53	1.51	0.0595	3/16	4.76	0.1875	W	9.80	0.3860	59/64	23.42	0.9219
1/16	1.59	0.0625	12	4.80	0.1890	25/64	9.92	0.3906	15/16	23.81	0.9375
52	1.81	0.0635	11	4.85	0.1910		10.00	0.3937		24.00	0.9449
51	1.70	0.0670	10	4.91	0.1935	X	10.08	0.3970	61/64	24.21	0.9531
50	1.78	0.0700	9	4.98	0.1960	Y	10.26	0.4040	31/32	24.61	0.9688
49	1.85	0.0730		5.00	0.1969	13/32	10.32	0.4063		25.00	0.9843
48	1.93	0.0760	8	5.05	0.1990	Z	10.49	0.4130	63/64	25.00	0.9844
5/64	1.98	0.0781	7	5.11	0.2010	27/64	10.72	0.4219	1"	25.40	1.0000



**RPM**  
**RPM**

M / Min		5	7	10	12	15	18	20	22	25	28	30	35	40	50
Ft / Min		16	22	32	40	50	60	65	72	82	92	98	115	130	165
Dia		Revolutions Per Minute (RPM)													
MM	"														
0.79	1/32	2000	2800	4000	4810	6010	7220	8020	8820	10000	11220	12020	14030	16030	20040
1.00		1600	2220	3180	3820	4780	5730	6370	7000	7960	8910	9550	11150	12730	15920
1.19	3/64	1340	1870	2670	3200	4000	4810	5340	5900	6680	7480	8020	9350	10700	13360
1.50		1060	1480	2120	2550	3180	3820	4240	4670	5300	5940	6360	7430	8490	10600
1.59	1/16	1000	1400	2000	2400	3000	3600	4000	4400	5000	5600	6000	7000	8010	10000
1.98	5/64	8000	1120	1600	1920	2400	2890	3200	3530	4000	4500	4800	5600	6400	8000
2.00		795	1115	1590	1910	2380	2860	3180	3500	3980	4450	4770	5570	6360	7960
2.38	3/32	670	935	1340	1600	2000	2400	2670	2940	3340	3750	4000	4690	5350	6690
2.50		635	890	1270	1530	1910	2300	2550	2800	3180	3560	3820	4450	5100	6360
2.78	7/64	575	800	1150	1380	1720	2060	2290	2520	2860	3200	3440	4000	4560	5730
3.00		530	745	1060	1270	1590	1910	2120	2330	2650	2970	3180	3710	4240	5300
3.18	1/8	500	700	1000	1200	1500	1800	2000	2200	2500	2800	3000	3500	4010	5010
3.50		455	635	910	1090	1360	1640	1820	2000	2270	2550	2730	3180	3640	4550
3.97	5/32	400	560	800	960	1200	1440	1600	1760	2000	2250	2400	2800	3200	4010
4.00		395	555	795	955	1195	1430	1590	1750	1990	2230	2390	2790	3160	3970
4.50		300	495	710	850	1060	1270	1415	1550	1770	1980	2120	2480	2850	3540
4.76	3/16	335	470	670	800	1000	1200	1340	1470	1670	1870	2000	2340	2670	3340
5.00		320	445	635	765	955	1145	1275	1400	1590	1780	1910	2230	2550	3180
5.56	7/32	285	400	575	685	860	1030	1145	1260	1430	1600	1720	2000	2290	2860
6.00		265	370	530	635	795	955	1060	1170	1330	1490	1590	1860	2120	2650
6.35	1/4	250	350	500	600	750	900	1000	1100	1250	1400	1500	1750	2000	2500
7.00		225	320	455	545	680	820	910	1000	1140	1270	1360	1590	1820	2270
7.94	5/16	200	280	400	480	600	720	800	880	1000	1120	1200	1400	1600	2000
8.00		200	280	400	475	595	715	795	875	995	1110	1190	1390	1590	1990
9.00		175	250	355	425	530	635	705	780	880	990	1060	1240	1420	1770
9.53	3/8	165	235	335	400	500	600	670	730	830	940	1000	1170	1340	1670
10.00		160	226	320	380	475	570	635	700	800	890	955	1110	1270	1590
11.11	7/16	145	200	285	345	430	515	575	630	720	800	860	1000	1150	1430
12.00		135	185	265	320	400	475	530	580	660	740	800	930	1060	1330
12.70	1/2	125	175	250	300	375	450	500	550	630	700	750	880	1000	1250
14.00		115	160	225	275	340	410	455	500	570	640	680	800	910	1140
15.00		105	150	210	255	320	380	425	470	530	590	640	740	850	1060
15.88	5/8	100	140	200	240	300	360	400	440	500	560	600	700	800	1000
16.00		100	140	200	240	300	360	400	440	500	560	600	700	795	995
18.00		90	125	175	210	265	320	355	390	440	495	530	620	710	885
19.05	3/4	85	115	165	200	250	300	335	370	415	465	500	585	670	840
20.00		80	110	160	190	240	285	320	350	400	445	475	555	635	800
22.23	7/8	70	100	140	170	215	260	285	315	355	400	430	500	575	715
24.00		66	95	135	160	200	240	265	290	330	370	400	465	530	665
25.00		64	90	125	155	190	230	255	280	320	360	380	445	510	640
25.40	1"	63	88	125	150	190	225	250	275	310	350	375	440	500	630
27.00		59	83	120	140	180	210	235	260	300	330	355	415	470	590
28.57	1-1/8	56	78	110	135	165	200	225	245	280	310	335	390	445	555
30.00		53	75	105	125	160	190	210	235	265	300	320	370	425	530
31.75	1-1/4	50	70	100	120	150	180	200	220	250	280	300	350	400	500
32.00		50	70	99	120	150	180	200	220	250	280	300	350	400	495
34.93	1-3/8	46	64	90	110	135	165	180	200	230	255	275	320	365	455
36.00		44	62	88	105	130	160	175	195	220	250	265	310	355	440
38.10	1-1/2	42	58	84	100	125	150	165	182	210	235	250	290	335	420
40.00		40	56	80	95	120	145	150	175	200	225	240	280	320	400
44.45	1-3/4	36	50	72	86	105	130	145	160	180	200	215	250	285	360
50.00		32	45	64	75	95	115	125	140	160	180	190	225	255	320

**SPEED & FEED RECOMMENDATIONS FOR HSS**  
**RECOMMANDATIONS DE VITESSE ET AVANCE POUR ACIER RAPIDE**

Material Matériau	Hardness Dureté	Drilling Forage	Reaming Alésage	Milling Fraisage	Tapping Tapement
<b>Steel / Acier</b>	BHN				
Magnetic Soft / Doux Magnétique	<120	92-115	65-82	92-130	50-60
Structural	<200	72-92	55-80	72-105	50-60
Plain Carbon / Carbone Plat	<250	60-72	40-50	60-82	50-60
Alloyed / Allié	<250	40-60	32-40	60-82	32-50
Alloyed / Allié	250-350	32-50	16-22	45-65	22-32
Alloyed / Allié	>350	16-22	10-20	22-40	10-16
<b>Stainless Steel / Acier Inoxydable</b>					
Free Machining / Usinage Libre	<250	40-60	40-60	60-82	22-32
Austenitic / Austénitique	<250	22-32	16-22	45-65	16-22
Ferritic Austenitic / Austénitique De Ferrite	<300	32-50	16-32	22-40	10-16
<b>Cast Iron / Fer de Fonte</b>					
Lamellar Graphite / Graphite De Lameller	<150	72-92	40-60	72-105	50-80
Lamellar Graphite / Graphite De Lameller	150-300	60-72	32-50	60-82	30-40
Nodular Graphite / Graphite Nodulaire	<200	50-65	22-40	72-105	30-40
Nodular Graphite / Graphite Nodulaire	200-300	40-60	22-32	45-65	20-30
<b>Titanium / Titane</b>					
Unalloyed / Pur	<200	60-72	32-50	72-105	32-50
Alloyed / Allié	<270	32-50	22-32	45-65	22-40
Alloyed / Allié	270-350	22-32	10-20	22-40	16-22
<b>Nickel</b>					
Unalloyed / Pur	<150	22-32	16-32	92-130	22-40
Alloyed / Allié	>270	14-16	-	22-40	16-22
Alloyed / Allié	270-350	10-14	-	22-32	10-16
<b>Copper / Cuivre</b>					
Unalloyed / Pur	<100	82-105	50-65	195-260	22-40
Brass - Bronze / Laiton - Bronze	<200	92-115	65-82	92-130	82-115
Brass / Laiton	<200	82-105	50-65	115-165	50-65
Bronze High Strength / Bronze - Haute Résistance	<470	50-65	22-40	32-50	10-16
<b>Aluminum - Magnesium / Aluminium - Magnésium</b>					
Unalloyed / Pur	<100	92-250	72-105	260-330	32-50
Silicon Alloyed < 5% / Silicium Allié < 5%	<150	92-250	105-130	195-260	82-150
Silicon Alloyed > 5 < 10% / Silicium Allié > 5% < 10%	<120	72-92	50-65	130-195	50-65
Silicon Alloyed > 10% / Silicium Allié > 10%	<120	60-72	40-60	115-165	32-50
<b>Plastic / Plastique</b>					
Thermoplastic / Thermoplastique	-	92-115	40-60	195-260	60-105
Thermosetting / Thermodurcissable	-	72-92	50-65	130-195	22-40

**Recommended Feed / Avances Recommandée**

Tool Diameter / Diamètre D'Outil	Drilling Forage	Slot Drills Fraises À Deux Cannelures	End Mills Fraises
	Feed (Inch/Revolution) Avance (Pouce/Révolution)	Feed/ Tooth Avance/Dent	Feed/ Tooth Avance/Dent
1/16 - 3/32	.001 - .003	0.0005	.0005 - .0010
1/8 - 5/32	.002 - .005	0.0007	.0007 - .0012
3/16 - 7/32	.003 - .006	0.0010	.0010 - .0015
1/4 - 5/16	.004 - .008	0.0020	.0015 - .0020
3/8 - 7/16	.005 - .010	0.0020	.0015 - .0020
1/2 - 9/16	.007 - .012	0.0030	.0020 - .0025
5/8 - 3/4	.010 - .015	0.0030	.0020 - .0025
7/8 - 1"	.015 - .020	0.0030	.0020 - .0025
1-1/8 - 1-1/4	.017 - .022	0.0050	.0025 - .0030
1-3/8 - 1-1/2	.019 - .024	0.0050	.0025 - .0030
1-1/2 - 2"	.020 - .025	0.0050	.0025 - .0030



**HSS CUTTING TOOL TOLERANCES**  
**TOLÉRANCES POUR OUTILS COUPANT ACIER RAPIDE**

**DRILLS  
FORETS**

DIA >	DIA ≤	TOLERANCE	
-	0.0394	+0.0000	-0.0006
0.0394	0.1181	+0.0000	-0.0006
0.1181	0.2362	+0.0000	-0.0007
0.2362	0.3937	+0.0000	-0.0009
0.3937	0.7087	+0.0000	-0.0011
0.7087	1.1811	+0.0000	-0.0013
1.1811	1.9685	+0.0000	-0.0015
1.9685	3.1496	+0.0000	-0.0018
3.1496	4.7244	+0.0000	-0.0021

**REAMERS  
ALÉSOIRS**

DIA >	DIA ≤	TOLERANCE	
0.0394	0.1181	+0.0004	+0.0001
0.1181	0.2362	+0.0005	+0.0002
0.2362	0.3937	+0.0006	+0.0002
0.3937	0.7087	+0.0007	+0.0003
0.7087	1.1811	+0.0008	+0.0003
1.1811	1.9685	+0.0010	+0.0004
1.9685	3.1496	+0.0012	+0.0004
3.1496	4.7244	+0.0014	+0.0005

**TAPS  
TARAUDS**

NC >	NC ≤	CLASS
-	#5	H2
#5	3/4	H3
3/4	1"	H4
1"	1-1/2	H4
1-1/2	+	H7

NF >	NF ≤	CLASS
-	#8	H2
#8	3/4	H3
3/4	1"	H4
1"	1-1/2	H4
1-1/2	+	H7

**SLOT DRILLS  
FRAISES À DEUX CANNELURES**

DIA >	DIA ≤	TOLERANCE	
-	1.5000	-0.0005	-0.0013
1.5000	+	-0.0005	-0.0015

**END MILLS  
FRAISES EN BOUT**

DIA >	DIA ≤	TOLERANCE	
-	1.5000	+0.0025	-0.0005
1.5000	+	+0.0050	-0.0000

**WOODRUFF CUTTERS  
FRAISES WOODRUFF**

		TOLERANCE	
DIA		+0.015	+0.010
WIDTH		+0.000	-0.001

**DOVETAIL CUTTERS  
FRAISES EN FORME DE QUEUE D'ARONDE**

		TOLERANCE	
ALL TOUS		+0.010	-0.000

**T-SLOT CUTTERS  
FRAISES À RAINURER EN T**

		TOLERANCE	
DIA		+0.005	-0.005
WIDTH		+0.005	-0.005

**TOOL BITS  
BURINS**

DIA/SQ >	DIA/SQ ≤	TOLERANCE	
-	0.118	+0.0000	-0.0039
0.118	0.236	+0.0000	-0.0047
0.236	0.394	+0.0000	-0.0059
0.394	0.709	+0.0000	-0.0071
0.709	1.181	+0.0000	-0.0083
1.181	1.969	+0.0000	-0.0098

**SQUARE DIMENSIONS OF TAPS  
DIMENSIONS CARRÉE DES TARAUDS**

SHANK DIA DIA QUEUE	SQ LENGTH LONGUEUR	SQ A/F CARRÉE
0.141	3/16	0.110
0.168	1/4	0.131
0.194	1/4	0.152
0.220	9/32	0.165
0.255	5/16	0.191
0.318	3/8	0.238
0.323	13/32	0.242
0.367	7/16	0.275
0.381	7/16	0.286
0.429	1/2	0.322
0.480	9/16	0.360
0.590	11/16	0.442
0.697	3/4	0.523
0.800	13/16	0.600
0.896	7/8	0.672
1.021	1"	0.766
1.080	1-1/16	0.831
1.233	1-1/8	0.925
1.430	1-1/4	1.072
1.644	1-3/8	1.233

**SPEED & FEED RECOMMENDATIONS FOR CARBIDE  
RECOMMANDATIONS DE VITESSE ET AVANCE POUR CARBURE**

<b>Material Matériau</b>	<b>Drilling Forage</b>	<b>Reaming Alésage</b>	<b>Milling Fraisage</b>
<b>Steel / Acier</b>	<b>Surface Feet Per Minute / Pieds Extérieurs Par Minute</b>		
Mild Steel / Acier Doux	300	215	155
Plain Carbon / Carbone Plat	300	215	155
Alloyed / Allié < Rc30	260	175	130
Alloyed / Allié Rc30 - Rc38	215	145	110
Alloyed / Allié Rc38 Rc45	170	110	90
<b>Cast Iron / Fer de Fonte</b>			
Cast Iron / Fer de Fonte	300	200	170
<b>Titanium / Titane</b>			
Alloyed (Annealed) / Allié (Recuit)	130	82	110
Alloyed (Treated) / Allié (Traité) - Inconel	60	48	60
<b>Aluminum - Magnesium / Aluminium - Magnésium</b>			
Aluminum / Aluminium	600	420	400
Magnesium / Magnésium	600	420	400
<b>Plastic / Plastique</b>			
Graphite Composite / Composé De Graphite	210	-	-
Epoxy Fibre / Fibre Époxyde	210	-	-
Acrylic / Acrylique	160	-	-

**Recommended Feed / Avances Recommandée**

**Feed (Inch/Revolution) / Avance (Pouce/Révolution)**

<b>Drilling / Forage</b>		<b>Reaming / Alésage</b>	
<b>Diameter Diamètre</b>	<b>Feed Avance</b>	<b>Diameter Diamètre</b>	<b>Feed Avance</b>
1/16 - 3/32	.001 - .003	Up To 1/16	.001 - .003
1/8 - 5/32	.002 - .005	1/16 - 1/8	.002 - .006
3/16 - 7/32	.003 - .008	1/8 - 1/4	.004 - .010
1/4 - 5/16	.004 - .008	1/4 - 1/2	.006 - .015
3/8 - 7/16	.005 - .010	1/2 - 1"	.010 - .030
1/2 - 9/16	.007 - .012	1" +	.020 - .050
5/8 - 3/4	.010 - .015		
7/8 - 1"	.015 - .020		

**Feed Per Tooth / Avance Par Dent**

<b>Slot Drill / Fraise 2 Dents</b>		<b>End Mills / Fraise En Bout</b>	
<b>Diameter Diamètre</b>	<b>Feed Avance</b>	<b>Diameter Diamètre</b>	<b>Feed Avance</b>
1/16 - 3/32	0.0005	1/16 - 3/32	0.0005 - 0.0010
1/8 - 5/32	0.0007	1/8 - 5/32	0.0007 - 0.0012
3/16 - 7/32	0.001	3/16 - 7/32	0.0010 - 0.0015
1/4 - 7/16	0.002	1/4 - 7/16	0.0015 - 0.0020
1/2 - 1"	0.003	1/2 - 1"	0.0020 - 0.0025
Over 1"	0.005	Over 1"	0.0025 - 0.0030



**CARBIDE  
CARBURE**

**CARBIDE CUTTING TOOL TOLERANCES  
TOLÉRANCES POUR OUTILS COUPANT EN CARBURE**

**DRILLS  
FORETS**

DIA >	DIA ≤	TOLERANCE	
0.040	0.500	+0.0000	-0.0005

**WHISPERDRILL DRILLS  
FORETS WHISPERDRILL**

DIA >	DIA ≤	TOLERANCE	
0.125	0.750	+0.0000	-0.0005

**REAMERS  
ALÈSOIRS**

DIA >	DIA ≤	TOLERANCE	
0.040	0.250	+0.0004	+0.0001
0.250	0.500	+0.0005	+0.0002

**END MILLS  
FRAISES EN BOUT**

DIA >	DIA ≤	TOLERANCE	
0.031	0.125	+0.0000	-0.0010
0.125	1.000	+0.0000	-0.0015

**WHISPERMILL CUTTERS  
FRAISES WHISPERMILL**

Diameter	Shank
Diamètre	Queue
e8	h6

**SPEED RECOMMENDATIONS FOR CARBIDE BURS  
RECOMMANDATIONS DE VITESSE POUR DES LIMES DE CARBURE**

DIA	RPM	RPM MAX
1/16	55,000 - 85,000	90,000
3/32	50,000 - 60,000	85,000
1/8	35,000 - 65,000	80,000
3/16	30,000 - 55,000	75,000
1/4	25,000 - 50,000	70,000
5/16	18,000 - 38,000	65,000

DIA	RPM	RPM MAX
3/8	17,000 - 38,000	63,000
7/16	13,000 - 37,000	55,000
1/2	14,000 - 36,000	50,000
5/8	11,000 - 23,000	40,000
3/4	8,000 - 19,000	30,000
1"	7,000 - 18,000	25,000

Before using any carbide bur be certain to check the recommended speed chart, since speed recommendations vary according to bur diameter, bur type and material to be cut.

**Burs must be chucked true and to the full capacity of the collet.**

Avant de se servir de n'importe quelle lime, s'assurer que la vitesse utilisée corresponde au diagramme, tenant compte du type, du diamètre et du matériel à utiliser.

**Les limes doivent être correctement montées et serrées sur toute la longueur de la pince.**

# WHISPERMILL HSC CUTTERS FRAISES WHISPERMILL UGV

## Speed & Feed Recommendations For WhisperMill Recommandations De Vitesse Et Avance Pour WhisperMill

Material Matériau	Hardness	Tensile	Square End	Radius End	"Hard Cut"	Ball End	Alum Sq End
	Dureté Rc	Strength Ton/Sq In	Bout Carré	Bout Sphérique		Bout Sphérique	Bout Caré Aluminium
<b>Steel / Acier</b>							
Magnetic Soft / Doux Magnétique		<28	1400-2300	1400-2300		2000-3000	
Structural		<43	1000-2000	1000-2000		1700-2600	
Plain Carbon / Carbone Plat	<24	<55	1000-1800	1000-1800		1400-1800	
Alloyed / Allié	<24	<55	900-1500	900-1500		1200-1800	
Alloyed / Allié	24-38	55-77	700-1300	700-1300		1000-1800	
Alloyed / Allié	>38	>77	600-1150	600-1150		900-1340	
Alloyed / Allié	48-55		500-650	500-650	500-820	700-1150	
Alloyed / Allié	56-60		300-500	300-500	300-500	400-650	
Alloyed / Allié	>60		100-200	100-200	200-300	200-330	
<b>Stainless Steel / Acier Inoxydable</b>							
Free Machining / Usinage Libre	<24	<55	500-820	500-820		900-1300	
Austenitic / Austénitique	<24	<55	500-820	500-820		900-1300	
Ferritic Austenitic / Austénitique De Fernte	<32	<86	400-650	400-650		600-820	
<b>Cast Iron / Fer de Fonte</b>							
Lamellar Graphite / Graphite De Lameller		<32	1000-2000	1000-2000		1400-2300	
Lamellar Graphite / Graphite De Lameller	<32	32-66	900-1650	900-1650		1200-1800	
Nodular Graphite / Graphite Nodulaire		<43	1000-1650	1000-1650		1400-2140	
Nodular Graphite / Graphite Nodulaire	<32	43-46	900-1300	900-1300		1200-1800	
<b>Titanium / Titane</b>							
Unalloyed / Pur		<43	900-1300	900-1300		1200-1800	
Alloyed / Allié	<28	<59	700-1300	700-1300		1000-1640	
Alloyed / Allié	28-29	59-77	500-1000	500-1000		900-1300	
<b>Nickel</b>							
Unalloyed / Pur		<43	400-650	400-650		700-1300	
Alloyed / Allié	<28	<59	400-650	400-650		500-820	
Alloyed / Allié	28-29	59-77	300-400	300-400		400-500	
<b>Copper / Cuivre</b>							
Unalloyed / Pur		<24	1700-3300	1700-3300		2000-3600	
Brass - Bronze / Laiton - Bronze		<43	1400-2300	1400-2300		1700-2280	
Brass / Laiton		<43	700-1650	700-1650		1000-2300	
Bronze High Strength / Bronze - Haute Résistance	<49		400-650	400-650		500-820	
<b>Aluminum - Magnesium / Aluminium - Magnésium</b>							
Unalloyed / Pur		<24					10000-14700
Silicon Alloyed < 5% Silicium Allié		<32					9000-13700
Silicon Alloyed > 5 < 10% Silicium Allié		<28					5000-9800
Silicon Alloyed > 10% Silicium Allié		<28					1900-6560

Maximum Radial Cut Width (W) X Axial Cut Depth (D)  
Coupe Radial Maximum (W) X Coupe Axiale (D)  
W X D      W X D      W X D      W X D      W X D  
≤ .02 X DIA    ≤ .02 X DIA    ≤ .05 X DIA    ≤ .01 X DIA    ≤ .02 X DIA

### WhisperMill Feed per Tooth

Diameter Diamètre	Feed / Tooth (Inches) Avance / Dent (Pouces)	Diameter Diamètre	Feed / Tooth (Inches) Avance / Dent (Pouces)
5/64	.0009-.0018	5/16	.0018-.0035
1/8	.0011-.0022	3/8	.0020-.0039
5/32	.0013-.0025	1/2	.0022-.0043
3/16	.0014-.0028	5/8	.0025-.0050
1/4	.0015-.0030	3/4	.0028-.0053
9/32	.0017-.0033	1"	.0031-.0062



## TAP DRILL SIZES LES TAILLES DES FORETS

Tap/Taraud NC	Drill/Foret Inch/Pouce	Drill/Foret MM
1-64	#53	1.55
2-56	#50	1.85
3-48	#47	2.10
4-40	#43	2.35
5-40	#38	2.65
6-32	#36	2.85
8-32	#29	3.50
10-24	#25	3.90
12-24	#16	4.50
1/4-20	#7	5.10
5/16-18	"F"	6.60
3/8-16	5/16	8.00
7/16-14	"U"	9.40
1/2-13	27/64	10.80
9/16-12	31/64	12.20
5/8-11	17/32	13.50
3/4-10	21/32	16.50
7/8-9	49/64	19.50
1"-8	7/8	22.25
1-1/8-7	63/64	25.00
1-1/4-7	1-7/64	28.00
1-3/8-6	1-7/32	30.75
1-1/2-6	1-11/32	34.00
1-3/4-5	1-9/16	39.50
2"-4-1/2	1-25/32	45.00

Tap/Taraud NF	Drill/Foret Inch/Pouce	Drill/Foret MM
0-80	3/64	1.25
1-72	#63	1.55
2-64	#50	1.90
3-56	#45	2.15
4-48	#42	2.40
5-44	#37	2.70
6-40	#33	2.95
8-36	#29	3.50
10-32	#21	4.10
12-28	#14	4.70
1/4-28	#3	5.50
5/16-24	"I"	6.90
3/8-24	"Q"	8.50
7/16-20	25/64	9.90
1/2-20	29/64	11.50
9/16-18	33/64	12.90
5/8-18	37/64	14.50
3/4-16	11/16	17.50
7/8-14	13/16	20.40
1"-12	59/64	23.25
1"-14NS	15/16	23.50
1-1/8-12	1-3/64	26.50
1-1/4-12	1-11/64	29.50
1-3/8-12	1-19/64	32.75
1-1/2-12	1-27/64	36.00

Tap/Taraud BSW	Drill/Foret MM
1/8-40	2.55
5/32-32	3.20
3/16-24	3.70
7/32-24	4.50
1/4-20	5.10
5/16-18	6.50
3/8-16	7.90
7/16-14	9.30
1/2-12	10.50
9/16-12	12.10
5/8-11	13.50
11/16-10	15.00
3/4-10	16.25
7/8-9	19.25
1"-8	22.00
1-1/8-7	24.75
1-1/4-7	28.00
1-1/2-6	33.50
1-3/4-5	39.00
2"-4-1/2	44.50

Tap/Taraud MM	Drill/Foret Inch/Pouce	Drill/Foret MM
M1.0 X 0.25	#68	0.75
M1.1 X 0.25	#65	0.85
M1.2 X 0.25	#62	0.95
M1.4 X 0.30	#57	1.10
M1.6 X 0.35	3/64	1.25
M1.8 X 0.35	#53	1.45
M2.0 X 0.40	1/16	1.60
M2.2 X 0.45	#50	1.75
M2.5 X 0.45	#46	2.05
M3.0 X 0.50	#40	2.50
M3.5 X 0.60	#32	2.90
M4.0 X 0.70	#30	3.30
M4.5 X 0.75	#26	3.70
M5.0 X 0.80	#19	4.20
M6.0 X 1.00	#9	5.00
M7.0 X 1.00	15/64	6.00
M8.0 X 1.25	17/64	6.80
M9.0 X 1.25	5/16	7.80
M10 X 1.50	"Q"	8.50
M11 X 1.50	"V"	9.50
M12 X 1.75	"Y"	10.20
M14 X 2.00	15/32	12.00
M16 X 2.00	35/64	14.00
M18 X 2.50	39/64	15.50
M20 X 2.50	11/16	17.50
M22 X 2.50	49/64	19.50
M24 X 3.00	53/64	21.00
M27 X 3.00	61/64	24.00
M30 X 3.50	1-3/64	26.50
M33 X 3.50	1-11/64	29.50
M36 X 4.00	1-1/4	32.00
M39 X 4.00	1-3/8	35.00
M42 X 4.50	1-31/64	37.50
M45 X 4.50	1-19/32	40.50
M48 X 5.00	1-45/64	43.00

Tap/Taraud MF/MS	Drill/Foret Inch/Pouce	Drill/Foret MM
MF3.0 X 0.35	#37	2.65
MF3.5 X 0.35	1/8	3.15
MF4.0 X 0.50	#28	3.50
MF4.5 X 0.50	#21	4.00
MF5.0 X 0.50	#16	4.50
MF6.0 X 0.75	#5	5.20
MF7.0 X 0.75	"D"	6.20
MF8.0 X 1.00	"J"	7.00
MS8.0 X 0.75	"L"	7.20
MS9.0 X 1.00	"O"	8.00
MF10 X 1.25	11/32	8.80
MS10 X 1.00	"T"	9.00
MS10 X 0.75	"U"	9.20
MS11 X 0.75	"Y"	10.20
MS12 X 1.50	"Z"	10.50
MF12 X 1.25	27/64	10.80
MS12 X 1.00	7/16	11.00
MF14 X 1.50	31/64	12.50
MS14 X 1.25	33/64	12.80
MF16 X 1.50	9/16	14.50
MS16 X 1.00	19/32	15.00
MF18 X 1.50	41/64	16.50
MS18 X 1.00	43/64	17.00
MF20 X 1.50	23/32	18.50
MS20 X 1.00	3/4	19.00
MF22 X 1.50	13/16	20.50
MF24 X 2.00	55/64	22.00
MS24 X 1.50	57/64	22.50
MS25 X 1.50	59/64	23.50
MF27 X 2.00	63/64	25.00
MF30 X 2.00	1-7/64	28.00
MS32 X 1.50	1-13/64	30.50
MF33 X 2.00	1-7/32	31.00
MF35 X 3.00	1-19/64	33.00
MF39 X 3.00	1-27/64	36.00

Tap/Taraud BSF	Drill/Foret MM
3/16-32	4.00
7/32-28	4.60
1/4-26	5.30
9/32-26	6.10
5/16-22	6.80
3/8-20	8.30
7/16-18	9.70
1/2-16	11.10
9/16-16	12.70
5/8-14	14.00
11/16-14	15.50
3/4-12	15.75
7/8-11	17.75
1"-10	22.75
1-1/8-9	25.50
1-1/4-9	28.50
1-3/8-8	31.50
1-1/2-8	34.50
1-3/4-7	40.50
2"-7	47.00

Tap/Taraud BSPT	Drill/Foret MM
1/8-28	8.40
1/4-19	11.20
3/8-19	14.75
1/2-14	18.25
3/4-14	23.75
1"-11	30.00
1-1/4-11	38.50
1-1/2-11	44.50
2"-11	56.00
2-1/2-11	71.00

Tap/Taraud NPT	Drill/Foret Inch/Pouce	Drill/Foret MM
1/16-27	"D"	6.30
1/8-27	"Q"	8.50
1/4-18	7/16	11.10
3/8-18	9/16	14.70
1/2-14	45/64	18.25
3/4-14	29/32	23.40
1" 11-1/2	1-9/64	29.40
1-1/4 11-1/2	1-31/64	38.10
1-1/2 11-1/2	1-47/64	44.00
2" 11-1/2	2-13/64	56.30

Tap/Taraud NPS	Drill/Foret Inch/Pouce	Drill/Foret MM
1/16-27	1/4	6.80
1/8-27	11/32	9.10
1/4-18	7/16	11.90
3/8-18	37/64	15.25
1/2-14	23/32	19.00
3/4-14	59/64	23.75
1" 11-1/2	1-5/32	30.00
1-1/4 11-1/2	1-33/64	39.50
1-1/2 11-1/2	1-3/4	45.50
2" 11-1/2	2-7/32	62.00

Tap BSP	Drill/Foret MM
1/8-28	8.00
1/4-19	11.50
3/8-19	15.00
1/2-14	18.75
5/8-14	20.75
3/4-14	24.25
7/8-14	28.00
1"-11	30.40
1-1/2-11	45.00
2"-11	56.75



# WIZARD SPIRAL POINT TAPS

Machine taps primarily for tapping through holes.

## Bright Wizard (Page 95 - 96)



The untreated ground surface on this tap gives low friction and good chip flow. It is most suitable for machining non-ferrous materials and general purpose applications.

## Blue Wizard (Page 91 - 94)



The ferrous oxide surface treatment reduces cold welding and enables the surface to absorb the lubricant. This tap is suitable for general purpose use on ferrous materials.

## Blue Wizard +.005" (Page 92)



With a pitch diameter .005" larger than basic primarily used for tapping parts that will be plated or heat treated after machining. Ferrous oxide surface treatment reduces cold welding. This tap is suitable for general purpose use on ferrous materials.

## White Wizard (Page 98)



The hard chrome coating improves chip flow and due to its ability to withstand extreme pressures, greatly improves tap life when tapping abrasive non-ferrous materials.

## Gold Wizard (Page 97)



The Titanium Nitride surface treatment gives very low frictional properties and extremely high surface hardness, significantly increasing the tap wear resistance under a wide range of conditions.



# TARAUDS WIZARD ENTRÉE EN HÉLICE

Tarauds à machine principalement pour taper par des trous.

## Bright Wizard (Page 95 - 96)



La surface rectifier non traitée sur ce taraud donne le bas frottement et le bon écoulement de morceau. Il est le plus approprié à usiner sur les matériaux non ferreux et aux applications tout usage.

## Blue Wizard (Page 91 - 94)



Le traitement ferreux d'oxyde de surface réduit le soudage à froid et permet à la surface d'absorber le lubrifiant, approprié pour l'usage tout usage sur les matériaux ferreux.

## Blue Wizard +.005" (Page 92)



Ces tarauds ont un diamètre qui est 005" plus grande et est principalement employé pour le tapement des pièces qui seront plaquées ou soumises à un traitement thermique après usinage. Le traitement ferreux d'oxyde réduit le soudage à froid et permet à la surface d'absorber le lubrifiant. Approprié pour l'usage tout usage sur les matériaux ferreux.

## White Wizard (Page 98)



L'enduit dur de chrome qui améliore l'écoulement de morceau et en raison de sa capacité de résister à des pressions extrêmes, améliore considérablement la vie de robinet en tapant les matériaux non ferreux abrasifs..

## Gold Wizard (Page 97)



Traitement de surface de nitrure titanique donnant les propriétés de friction très basses et la dureté extérieure extrêmement élevée, augmentant de manière significative la résistance à l'usure de taraud sous un éventail de conditions.



## Application Specific Taps

### Red Ring Spiral Point (Page 103)



### Red Ring Spiral Flute (Page 104)



Designed for high tensile materials such as Tool Steel, Heat Treatable Steels, Spring Steel, Case Hardening Steel, Unalloyed Titanium, Cold Drawn Construction Steel, Nitriding Steel, and High Tensile Steel. Supplied in bright finish.

### Blue Ring Spiral Point (Page 105)



### Blue Ring Spiral Flute (Page 106)



Designed for tough materials such as Stainless Steel, Titanium Alloys, Cast Steel, Heat Resisting Steel, and Work Hardening Steel. Supplied with Ferrous-Oxide surface finish.

### White Ring Spiral Flute (Page 107)



Designed for highly abrasive materials such as Cast Iron. Supplied with Nitride and Ferrous-Oxide surface finish.

### Yellow Ring Spiral Flute (Page 108)



Designed for ductile materials such as Aluminum Magnesium Alloys, Soft Brass, Plastics, Zinc Alloys, and Copper. Supplied in bright finish.





## Application Specific Taps

### **Bague Rouge - Entrée En Hélice (Page 103)**



### **Bague Rouge - Goujures Hélicoidales (Page 104)**



Conçu pour les matériaux de tension élevés tels que l'acier à outils, les aciers traitables, l'acier de ressort, l'acier caïssé durcissant, le titane pur, l'acier de construction, l'acier de nitruration, et l'acier à haute résistance. Fourni dans la finition poli.

### **Bague Bleu - Entrée En Hélice (Page 105)**



### **Bague Bleu - Goujures Hélicoidales (Page 106)**



Conçu pour les matériaux durs tels que les alliages d'acier inoxydable et titaniques, l'acier de fonte, l'acier de résistance de la chaleur, et l'acier de durcissement de travail. Fourni avec la finition de surface d'Ferreux-Oxyde.

### **Bague Blanc - Goujures Hélicoidales (Page 107)**



"Conçu pour les matériaux fortement abrasifs tels que le fer de fonte. Fourni finition avec de niture et d'Ferreux-Oxyde."

### **Bague Jaune - Goujures Hélicoidales (Page 108)**



Conçu pour les matériaux malléables tels que les alliages en aluminium de magnésium, le laiton mou, les plastiques, les alliages de zinc, et le cuivre. Fourni dans la finition poli.

**Yellow Ring - Spiral Point (Page 108)**



**Yellow Ring - Spiral Flute (Page 109)**



Designed for materials such as Magnetic Soft Steel, Structural Steel, Plain Carbon Steel, Unalloyed Copper or Brass. Supplied in bright finish or Titanium Nitride Coating.

**Red Ring - Spiral Point (Page 109)**



**Red Ring - Spiral Flute (Page 110)**



Designed for high tensile materials such as Tool Steel, Heat Treatable Steels, Spring Steel, Case Hardening Steel, Unalloyed Titanium, Cold Drawn Construction Steel, Nitriding Steel, and High Tensile Steel. Supplied in bright finish or TiCN.

**Violet Ring - Spiral Point (Page 111)**



**Violet Ring - Spiral Flute (Page 111)**



Designed for use in Free Machining Stainless Steel, Austenitic Stainless Steel and Ferritic Stainless Steel. Supplied in bright finish or TiCN.

**Green Ring - Spiral Point (Page 112)**



**Green Ring - Spiral Flute (Page 112)**



Designed for materials such as Aluminum, Unalloyed Titanium, Unalloyed Nickel and Thermoplastic. Supplied in bright finish.

**White Ring - Straight Flute (Page 113)**



Designed for use in Cast Iron. Supplied in a Nitride and Ferrous Oxide surface finish.

**Black Ring - Straight Flute (Page 113)**



Designed for use in Titanium, High Strength Bronze, Aluminum Magnesium Alloys and Reinforced Plastic. Supplied in Nitride and Ferrous Oxide surface finish.



### Bague Jaune - Entrée En Hélice (Page 108)



### Bague Jaune - Goujures Hélicoidales (Page 109)



Conçu pour des matériaux tels que l'acier mol magnétique, l'acier de construction, l'acier du carbone plat, le cuivre pur ou le laiton. Fourni dans la finition poli ou de titane de nitrure.

### Bague Rouge - Entrée En Hélice (Page 109)



### Bague Rouge - Goujures Hélicoidales (Page 110)



Conçu pour les matériaux de tension élevés tels que l'acier à outils, les aciers traitables, l'acier de ressort, l'acier la caisse durcissant, le titane pur, l'acier de construction, l'acier de nitruration, et l'acier à haute résistance. Fourni dans la finition poli ou le TiCN.

### Bague Violet - Entrée En Hélice (Page 111)



### Bague Violet - Goujures Hélicoidales (Page 111)



Conçu pour l'usage dans l'acier inoxydable d'usinage libre, l'acier inoxydable austénitique et l'acier inoxydable de ferrite. Fourni dans la finition poli ou le TiCN.

### Bague Vert - Entrée En Hélice (Page 112)



### Bague Vert - Goujures Hélicoidales (Page 112)



Conçu pour des matériaux tels que l'aluminium, titane pur, nickel et thermoplastique purs. Fourni dans la finition poli.

### Bague Blanc - Goujures Droites (Page 113)



Conçu pour l'usage en fer de fonte. Fourni dans une finition nitrure et d'oxyde ferreuse.

### Bague Noir - Goujures Droites (Page 113)



Conçu pour l'usage en titane, bronze de haute résistance, alliages en aluminium de magnésium et plastique renforcé. Fourni dans une finition nitrure et d'oxyde ferreuse.

## BANDSAW TOOTH FORMS



### Normal Tooth (N)

The normal tooth has a cutting angle of 0°. It is suited for material with a high carbon content (such as cast iron), for material with small cross sections and for thin-wall profiles and tubes.



### Hook Tooth (H)

The hook tooth has a positive cutting angle of 10°. This tooth form is well suited for solids, thick wall tubes and all higher grade alloy material.



### RP Tooth

The RP tooth has a milled positive cutting angle of 16°. Due to its aggressive cutting characteristics, it is suited for high-alloy and highest-grade alloy material and for non-ferrous metal.



### Master Tooth

The Master tooth is based on a high-low triple chip design recognized as one of the most efficient in engineered cutting technology. To cope with the demands of a wide range of difficult steel and exotic alloys the teeth are available with cutting angles of both 10° and 16°.

## TOOTH PITCHES



### Regular Tooth Pitch

The distance between the teeth is constant throughout the blade. Ideally suited to cutting solid materials on sawing machines with efficient clamping. Very effective on high-alloy steels and exotic alloys.



### Combi (variable) Tooth Pitch

Combi tooth pitch is based on groups of differing tooth pitches being repeated at regular intervals throughout the blade, reducing vibration through resonance during cutting. Sawing thin-walled hollow sections and material in bundles or with weak clamping are typical applications for this tooth pitch configuration.

## SET PATTERNS



### Raker Set

Teeth are set in groups of 3, left, right, straight. This is the most popular set pattern for regular tooth pitches.



### Combi Set

Teeth are set left and right, predominantly in groups of 5 or 7 with 1 straight tooth per group. This set pattern is most popular on variable/combi tooth pitched. The number of teeth in a group is determined by the characteristics of the variable pitch pattern repeat.



### Group Set

For some specialized non-ferrous applications the teeth are set in pairs to the left then to the right with the 5th tooth straight. This is the least popular of the 4 set patterns.



### Wave Set

This set pattern is used on very fine pitches where the saw blade teeth are too small to be set individually. The degree of set changes incrementally throughout the blade in waves from left to right.



# BANDSAW TOOTH SELECTION

## Solid Material

Normal-Toothing		Combi-Toothing		HM-Titan	
Cross-section	Pitch	Cross-section	Pitch	Cross-section	Toothing
< 3/8 inch	14 tpi	< 1 inch	10/14 tpi	2 - 5 inch	3/4 tpi
3/8 - 1 1/4 inch	10 tpi	1 - 1 1/2 inch	8/12 tpi	4 - 10 inch	2/3 tpi
1 1/4 - 2 inch	8 tpi	1 - 2 inch	6/10 tpi	6 - 16 inch	1.5/2 tpi
2 - 3 inch	6 tpi	1 1/2 - 2 3/4 inch	5/8 tpi	14 - 24 inch	1.1/1.6 tpi
3 - 5 inch	4 tpi	1 1/2 - 3 1/2 inch	5/6 tpi	> 20 inch	0.85/1.15 tpi
5 - 8 inch	3 tpi	2 - 5 inch	4/6 tpi *		
8 - 16 inch	2 tpi	4 - 7 inch	3/4 tpi *		
16 - 28 inch	1.25 tpi	5 - 14 inch	2/3 tpi		
> 24 inch	0.75 tpi	6 - 18 inch	1.5/2 tpi		
		8 - 24 inch	1.1/1.6 tpi		
		> 20 inch	0.75/1.25 tpi		

\* Please notice that it is also possible to choose our Combi pitch 4/5 for these cross sections.

## Tubes

Wall-Thickness in inches (S)	Outside diameter in inches Ø									
	Tooth selection (tpi)									
	3/4	1 1/2	2 3/8	3 1/8	4	5	6	8	12	20
5/64	14	10/14	10/14	10/14	10/14	8/12	8/12	8/12	8/12	5/8
1/8	14	10/14	10/14	8/12	8/12	8/12	8/12	6/10	6/10	5/8
5/32	10/14	10/14	8/12	8/12	8/12	6/10	6/10	5/8	5/8	4/6
3/16	10/14	10/14	8/12	8/12	6/10	6/10	5/8	4/6	4/6	4/6
1/4	10/14	8/12	8/12	6/10	6/10	5/8	5/8	4/6	4/6	4/6
5/16	10/14	8/12	8/12	6/10	5/8	5/8	4/6	4/6	4/6	4/6
3/8	-	8/12	6/10	5/8	4/6	4/6	4/6	4/6	4/6	4/5
1/2	-	8/12	6/10	4/6	4/6	4/6	4/6	4/6	4/6	4/5
5/8	-	8/12	6/10	4/6	4/6	4/6	4/6	4/5	4/5	4/5
3/4	-	-	4/6	4/6	4/6	4/6	4/5	4/5	4/5	3/4
1 1/4	-	-	-	4/6	4/6	4/5	4/5	4/5	4/5	2/3
2	-	-	-	-	-	-	4/5	3/4	2/3	2/3
3 1/8	-	-	-	-	-	-	-	3/4	2/3	2/3
> 4	-	-	-	-	-	-	-	-	2/3	1.5/2






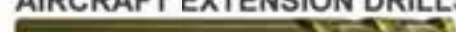













For thin tubes (up to 5/16" wall-thickness) it is advisable to choose the toothing with 0° cutting angle.

# BREAK-IN OF A BANDSAW BLADE

The life of a bandsaw blade can be increased significantly by following the recommended break-in procedure. A new blade benefits from a short period of cutting at a reduced band speed and cutting feed rate. The recommended maximum production band speed and feed rate can be selected from the chart below. The break-in rates should be set at 70% of band speed and 50% of feed. After approximately 80 sq. in. of cross sectional area has been cut, the band speed and feed should be gradually increased to maximum recommended cutting parameters.

Material	Cutting Speed ft/min	Cutting Capacity in sq.in./min for solids of diameter					
		1"	2"	3"	4"	6"	8"
Construction Steel/Machining Steel	260 - 295	4 - 5.5	6 - 8	8 - 9.5	8.5 - 11	11 - 14	11.5 - 13
Case Hardened Steels/Steels for Hardening & Tempering	145 - 245	3 - 4	4 - 5.5	4.5 - 6	5.5 - 8	6 - 9.5	6 - 8
Non-Alloyed Tool Steels/Roller Bearing Steels	130 - 195	3 - 4	4 - 5.5	4.5 - 5.5	4.5 - 6	6 - 8	6 - 8
Alloyed Tool Steels/High Speed Steels	100 - 130	2.5 - 3	3 - 4	4 - 4.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5
Rust Resistant Steels	65 - 115	1.5 - 2.5	2.3 - 3	2.3 - 3	2.3 - 3	2.3 - 3	2.3 - 3
Heat Resistant Steels/High Temperature Alloy Steels	50 - 80	0.8 - 1.5	0.8 - 1.5	1 - 2	0.8 - 2.3	0.8 - 2.3	0.8 - 2.3

## SOME OF THE NEW ITEMS IN THIS BOOK

<b>DR53</b>	JOBBER DRILLS - HALF-ROUND 	HALF-ROUND
<b>DF17</b>	MECHANIC LENGTH DRILLS 	3-FLATS
<b>DR78</b>	STUB DRILLS - BRIGHT 	STUB
<b>DR522</b>	CARBIDE TIPPED MASONRY DRILLS - SDS SHANK 	CT
<b>DR29</b>	TAPER LENGTH DRILLS - COBALT 	LONG SERIES
<b>DR645</b>	AIRCRAFT EXTENSION DRILLS - 6" OA - COBALT 	6" OA
<b>DR70</b>	PROGRESSIVE DRILLS - STEP DRILLS - HSS 	STEP DRILL
<b>RE31</b>	TAPER PIN REAMERS - SPIRAL FLUTE 	NUMBER
<b>RE20</b>	ALIGNING REAMER - HEX SHANK - HSS 	HSS
<b>TA02</b>	WARWICK HAND TAPS - HSS GROUND THREAD 	LEFT HAND 
DT02 DT04 DT10	COMBINED TAP AND DRILL 	HSS
<b>TA29</b>	HSS ROUND DIES - NC & NF - LEFT HAND 	LEFT HAND
<b>SC04</b>	CARBIDE TIPPED JOBBER DRILLS - REGULAR SPIRAL 	CT
<b>SC06</b>	CARBIDE TIPPED DIE DRILLS - STRAIGHT FLUTE 	CT
<b>SC15</b>	CARBIDE TIPPED TAPER LENGTH DRILLS 	CT
<b>SC02</b>	CARBIDE TIPPED DRILL FOR GLASS AND TILE 	CT
<b>ZD54</b>	BRAD AND SPUR POINT DRILLS 	HSS
<b>AC80</b>	ANNULAR CUTTER 	COBALT



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AC81	259	Annular Cutter - Cobalt - 1" LOC • Coupeur Annulaire Cobalt 1"
AC82	259	Annular Cutter - Cobalt - 2" LOC • Coupeur Annulaire Cobalt 2"
AC83	259	Annular Cutter - Cobalt - 3" LOC • Coupeur Annulaire Cobalt 3"
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CM61	140	Metric FC3 Cutters • Fraises En Bout FC3 Métrique
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CT11	114	Warwick NPS & NPSF Straight Pipe Taps • Tarauds Au Pas Du Gaz Cylindrique NPS & NPSF
CT12	114	Warwick BSPT Taper Pipe Taps • Tarauds Au Pas Du Gaz Conique BSPT
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CT53	104	Red Ring AST Spiral Flute Metric Application Specific Taps • Tarauds D'Application AST Cannelures Hélicoïdales Bague Rouge Métrique
CT54	104	Red Ring AST Spiral Flute Fractional Application Specific Taps • Tarauds D'Application AST Cannelures Hélicoïdales Bague Rouge Fractionnel
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CT58	106	Blue Ring AST Spiral Flute Fractional Application Specific Taps • Tarauds D'Application AST Cannelures Hélicoïdales Bague Bleu Fractionnel
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DR03	7 - 9	HSS Left Hand Jobber Length Drills • Forets Série Courte Coupe à Gauche
DR04	3 - 5	HSS Metric Jobber Length Drills • Forets Série Courte Metrique
DR05	5	HSS Metric 10MM+ Jobber Length Drills • Forets Série Courte Metrique 10MM+
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DR08	29	HSS 3/8" Shank Prentice Drills • Forets Queue Réduit à 3/8"
DR09	18 - 19	Cobalt Fractional Jobber Length Drills • Forets Série Courte Fractionnel Cobalt
DR10	9 - 11	HSS TiN Coated Jobber Length Drills • Forets Série Courte TiN
DR11	21 - 22	Cobalt OM200 Parabolic Jobber Length Drills • Forets Série Courte Paraboliques OM200 Cobalt
DR11T	22 - 23	Cobalt OM200T Parabolic Jobber Length Drills TiN • Forets Série Courte Paraboliques OM200T Cobalt TiN
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## DT

## Combined Tap and Drill • Taraud Foret

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EM18	134	HSS 2 Flute Ball For Aluminum End Mills • Fraises En Bout Deux Cannelures Pour Aluminium Bout Sphérique
EM19	137	HSS 2 Flute Ball Long Series For Aluminum End Mills • Fraises En Bout Deux Cannelures Pour Aluminium Bout Sphérique Série Longue
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EM52	135	HSS 2 Flute Long Series End Mills • Fraises En Bout Deux Cannelures Acier Rapide Série Longue
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EM64	148	HSS 4 Flute Extra Long Series End Mills • Fraises En Bout Quatre Cannelures Acier Rapide Série Extra Longue
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EM72	147	HSS Long Series Center Cut End Mills • Fraises En Bout Acier Rapide Coupe Au Centre Série Longue
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HA71	280 - 281	Carbon Bandsaw Blade Hard Back • Lames De Scie à Ruban Carbone "Hard Back"
HA72	278 - 279	Carbon Bandsaw Blade Flex Back • Lames De Scie à Ruban Carbone Endos Flexible
HA73	280 - 281	Carbon Bandsaw Blade Hard Back • Lames De Scie à Ruban Carbone "Hard Back"
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HA76	282 - 285	Bi-Metal M42 Bandsaw Blade • Lames De Scie à Ruban Cobalt Bi-Métaux
HA77	282 - 285	Bi-Metal M42 Bandsaw Blade • Lames De Scie à Ruban Cobalt Bi-Métaux
HA78	282 - 285	Bi-Metal M42 Bandsaw Blade • Lames De Scie à Ruban Cobalt Bi-Métaux
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MA06	231	Carbide 2 Flute 30 Degree Corner Radius WhisperMill HSC Cutter • 2 Cannelures Hélice 30 Degrés Torique à Rayon
MA08	231	Carbide 4 Flute 30 Degree Corner Radius WhisperMill HSC Cutter • 4 Cannelures Hélice 30 Degrés Torique à Rayon
MA12	231	Carbide 2 Flute 30 Degree Ball End Short Reach WhisperMill HSC Cutter • WhisperMill 2 Cannelures Hélice 30 Degrés Bout Sphérique Extra Courte
MA14	232	Carbide 2 Flute 30 Degree Ball End Medium Reach WhisperMill HSC Cutter • WhisperMill 2 Cannelures Hélice 30 Degrés Bout Sphérique Longueur Normale
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MA18	233	Carbide 4 Flute 30 Degree Ball End Medium Reach WhisperMill HSC Cutter • WhisperMill 4 Cannelures Hélice 30 Degrés Bout Sphérique Longueur Normale
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MA24	234	Carbide 3 Flute 45 Degree For Aluminum WhisperMill HSC Cutter • WhisperMill 3 Cannelures Hélice 45 Degrés Pour Aluminium
MA26	234	Carbide 5 Flute 45 Degree For Titanium WhisperMill HSC Cutter • WhisperMill 5 Cannelures Hélice 45 Degrés Pour Titane
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MC07	162	Threaded Shank Ball Nose Slot Drills (2 Flute) • Fraises En Bout Queue Fileté Bout Sphérique
MC08	163	Threaded Shank Long Series Ball Nose Slot Drills (2 Flute) • Fraises En Bout Queue Fileté Bout Sphérique Série Longue
MC09	182	Threaded Shank T-Slot Cutters • Fraises à Rainurer En T Queue Fileté
MC10	184 - 185	Threaded Shank 60 Degree Dovetail Cutters • Fraises Coniques 60 Degrés Queue Fileté
MC11	184 - 185	Threaded Shank 55 Degree Dovetail Cutters • Fraises Coniques 55 Degrés Queue Fileté
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MC16	164	Threaded Shank Cobalt Long Series 3 Flute SuperMill • Fraises En Bout 3 Cannelures Queue Fileté Cobalt Série Longue
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RE19	81	HSS Straight Shank Aligning Reamers - 3 Flats • Alésoirs Alignant Queue Cylindrique
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SP03	248	Carbide Tipped Style E Brazed Single Point Tool • Outils à Plaquette Rapportée En Carbone Modèle E
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TA37	87	Metric BS HSGT Hand Taps • Tarauds à Main Métrique BS Acier Rapide
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TA41	118	HSS Metric Fine Round Dies • Filières Ronde Métrique Fin Acier Rapide
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<b>ZD</b>	<b>Maintenance Drill • Foret De Maintenance</b>	
ZD02	271	HSS Hyper Spade Drills • Foret Hyper Série à Centre Plat
ZD12	272	HSS Hyper Stub Length Drills • Foret Hyper Série Extra Courte Acier Rapide
ZD16	268 - 269	HSS Hyper Jobber Length Drills • Foret Hyper Série Courte Acier Rapide
ZD30	274 - 275	HSS Hyper ANSI Morse Taper Shank Drills • Foret Hyper Queue Conique Acier Rapide
ZD50	269 - 270	HSS Hyper 1/2" Shank Prentice Drills • Foret Hyper Queue Réduit 1/2" Acier Rapide
ZD52	271	Carbide Tipped Hyper Masonry Drills • Forets à Maçonnerie Hyper
ZD54	271	HSS Hyper Brad and Spur Point Drills • Foret à Pointe-Poinçon Acier Rapide
ZD62	272	HSS Hyper Combined Drill & Countersinks • Foret à Centrer Hyper Acier Rapide
ZD63	272	HSS Single Flute 60 Degree Countersinks • Fraises Conique 60 Degrés 1 Cannelure
ZD64	272	HSS Single Flute 82 Degree Countersinks • Fraises Conique 82 Degrés 1 Cannelure
ZD65	272	HSS Single Flute 90 Degree Countersinks • Fraises Conique 90 Degrés 1 Cannelure
ZD66	273	HSS 3 Flute 60 Degree Countersinks • Fraises Conique 60 Degrés 3 Cannelures
ZD663	273	HSS 3 Flute 100 Degree Countersinks • Fraises Conique 100 Degrés 3 Cannelures
ZD67	273	HSS 3 Flute 82 Degree Countersinks • Fraises Conique 82 Degrés 3 Cannelures
ZD68	273	HSS 3 Flute 90 Degree Countersinks • Fraises Conique 90 Degrés 3 Cannelures
ZD69	273	HSS 6 Flute 60 Degree Countersinks • Fraises Conique 60 Degrés 6 Cannelures
ZD70	273	HSS 6 Flute 82 Degree Countersinks • Fraises Conique 82 Degrés 6 Cannelures
ZD71	273	HSS 6 Flute 90 Degree Countersinks • Fraises Conique 90 Degrés 6 Cannelures
ZD72	273	HSS 6 Flute 100 Degree Countersinks • Fraises Conique 100 Degrés 6 Cannelures
ZD73	273	HSS 4 Flute 60 Degree Machine Countersinks • Fraises Conique 60 Degrés 4 Cannelures
ZD74	273	HSS 4 Flute 82 Degree Machine Countersinks • Fraises Conique 82 Degrés 4 Cannelures
ZD75	273	HSS 4 Flute 90 Degree Machine Countersinks • Fraises Conique 90 Degrés 4 Cannelures
<b>ZT</b>	<b>Maintenance Tap • Taraud De Maintenance</b>	
ZT01	275 - 276	HSS Straight Flute Plug Osborn-M Maintenance Tap • Tarauds Acier Rapide Cannelures Droite Osborn-M Ebaucheur
ZT02	275 - 276	HSS Straight Flute Sets Osborn-M Maintenance Tap • Tarauds Acier Rapide Cannelures Droite Osborn-M Jeux
ZT04	276	HSS Spiral Point Osborn-M Maintenance Tap • Tarauds Acier Rapide Entrée En Hélice Osborn-M
ZT08	275 - 276	HSS Straight Flute Taper Osborn-M Maintenance Tap • Tarauds Acier Rapide Cannelures Droite Osborn-M Intermédiaire
ZT09	275 - 276	HSS Straight Flute Bottom Osborn-M Maintenance Tap • Tarauds Acier Rapide Cannelures Droite Osborn-M Finisseur



## TERMS OF TRADING

### PRICES

All price lists and quotations do not include GST, HST or Provincial Sales Tax which is extra if applicable, unless otherwise stated.

### DELIVERY

Orders are FOB customer's warehouse if of a net value of \$200.00 or more.

### MINIMUM INVOICE VALUE

A minimum invoice value of \$50.00 net of taxes and freight charges will be applied.

### PAYMENT TERMS

Net 30 days from date of invoice for credit sales.

### RETURNING GOODS

Goods are not accepted for return unless authorized by the company. All goods returned for credit are to be offset by an order of twice the value unless the customer has our written permission to return goods without charge. Transportation on all goods returned must be prepaid. Specials will not be accepted for return unless it is agreed that the goods are defective.

### CLAIMS

In the event of loss or non-delivery of the whole or part of a consignment, the buyer must notify the company in writing within 14 days of our invoice.

ALL PRICES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

## CONDITIONS DE VENTE

### PRIX

Toutes listes de prix et soumissions n'incluent pas la TPS, HST ou impôt provinciale qui sont en plus si imposable, à moins qu'elles soient indiqués autrement.

### LIVRAISON

Toute commande d'une valeur nette de \$200.00 ou plus sera FAB destination.

### VALEUR MINIMUM D'UNE FACTURE

La valeur minimum d'une facture est \$50.00 nette. Impôt et frais de livraison en plus.

### TERMES DE PAIEMENT

Facture(s) payable en entier 30 jours après la date de facturation en ce qui concerne les ventes à crédit.

### PRODUITS RETOURNÉS

Aucun produit ne sera accepté pour retour, à moins d'une permission de la compagnie. Des produits retournés doivent être compensés par un ordre deux fois de la valeur à moins que le client aie notre permission écrite l'avisant autrement. Tout retour pour crédit devront être port payé. Aucun retour de marchandise ne sera accepté en ce qui concerne les produits spéciaux à moins qu'il ne soit prouvé qu'il ne sont défectueux.

### RECLAMATIONS

Dans le cas de perte totale ou de livraison insuffisante d'une consignment, l'acheteur devra nous aviser par écrit durant les quatorze jours suivant la date de facturation.

PRIX ET SPECIFICATIONS SUJET A CHANGER SANS AVIS

## LIMITED WARRANTY AND LIMITATION OF LIABILITY

Clarkson-Osborn Tools Ltd. (the "company") warrants to the buyer of the goods manufactured by the company that such goods will be free from defects in material and workmanship. This constitutes the sole and exclusive obligation of the company. There are no other conditions, warranties, representations or collateral agreements, express or implied, statutory or otherwise, including merchantability or fitness for purpose, except as set forth herein. Goods furnished by the company but manufactured by others are not warranted by the company, but to the extent that any original manufacturer's warranty to the company is assignable to the buyer, the company hereby assigns such warranty to the buyer. This warranty extends to the first buyer only and not to subsequent purchasers or users of the goods.

Company's obligation under this warranty is limited to replacing, repairing, or at its option, refunding the original purchase price of any goods or parts thereof that are manufactured by the company, and that are found by the company to be defective and are returned, transportation prepaid, to the company. The company shall not be responsible for any costs relating to disassembling any material or equipment in which the goods may be incorporated or for any similar costs, nor shall the company be responsible for any installation costs of any replacement goods.

The company shall have no obligation or liability of any kind to the buyer or to any other person in respect of the goods and shall not be liable for any loss, costs or damages, of any kind whatsoever, whether consequential, indirect, special or otherwise, or any other claims except as provided herein, even if caused by the negligence of the company, its employees or agents and notwithstanding any fundamental breach by the company or the buyer. The provisions hereof relating to the warranty and limitations thereon and limitations of liability shall continue to be enforceable between the parties notwithstanding termination of any agreement between the parties for any reason including fundamental breach. Without limitation, the company shall have no obligation with respect to latent defects or for any loss or damage which may arise as a result of improper installation or application of the goods or for any goods subjected to misuse, abuse, neglect or accident, or for buyer's failure to use the goods in accordance with proper procedures and any safety notices provided by the company. The company shall have no responsibility for the adequacy of buyer's design and specifications.

## GARANTIE ET LIMITATION DE RESPONSABILITE

Clarkson-Osborn Ltd. (La Compagnie) garanti à l'acheteur que le produit fabriqué par la compagnie est exempt de tous vices de fabrications et de matériaux. Ceci constitue la seule et unique obligation de la compagnie. Il n'y a aucune autre condition, garantie, représentation ou d'accord soit verbal ou écrit à l'exception de celle ci-haut mentionnée. Pour les produits que la compagnie à elle même achetés, l'obligation de cette dernière se limite à fournir à l'acheteur la garantie qu'elle a reçu le cas échéant, du fournisseur du produit en question. Cette garantie s'applique seulement au premier acheteur et non pas aux acheteurs et utilisateurs subséquents.

L'obligation de la compagnie sous cette garantie se limite soit au remplacement, réparation ou au remboursement total ou partiel de l'achat de la marchandise en question dont la compagnie à déterminé qu'il y a vices de fabrications ou de matériaux.

La compagnie ne peut être tenu responsable ni avoir d'obligations envers l'acheteur ou d'une tierce personne en ce qui concerne le produit n'ne sera tenu responsable pour toutes pertes, coûts et dommages direct ou indirect causés par le produit, ni même si c'est causé par la négligence de la compagnie, ses employés ou agents. La compagnie déclinera toute responsabilité pour des défauts existants, pertes ou dommages qui pourraient survenir pour mal installation ou application du produit ou pour mal utilisation, usage abusif, négligence ou accidentelle ou pour négligence de la part de l'acheteur de ne pas avoir utilisé le produit selon les instructions fournis par la compagnie. La compagnie ne garantit pas que son produit répondra aux exigences spéciales de l'acheteur et ne garantit pas non plus la longévité ni la productivité de son produit.

# CLARKSON OSBORN

T O O L S L T D.

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