



QUALITY CUTTING TOOLS

An ISO 9001:2015 Company

BY PROFESSIONALS
TO PROFESSIONALS

Hi-Performance Drilling & Milling Solution in Hss-Cobalt

Jobber Drills

Long Drills

Extra Long Drills

Centre Drills

**Crank Shaft
Parabolic Flute Drills**

End Mills

Roughing End mills

www.trucut-tool.com



Hss-Co Parallel Shank Drill (Jobber Series)

DIN:
338

ISO:
235

IS:
5101

HSS-E

30
HELIX

Tool
Tol h8

Point
118

Item Code	Size (H8)		Flute Length	O.A.L
	MM	Inch		
M231-0100	1		12	38
M231-0110	1.1		14	38
M231-0119	(1.19)	3/64	16	38
M231-0120	1.2		16	38
M231-0130	1.3		16	38
M231-0140	1.4		18	40
M231-0150	1.5		18	40
M231-0159	(1.59)	1/16	20	43
M231-0160	1.6		20	43
M231-0170	1.7		20	43
M231-0180	1.8		22	46
M231-0190	1.9		22	46
M231-0198	(1.98)	5/64	24	49
M231-0200	2		24	49
M231-0210	2.1		24	49
M231-0220	2.2		27	53
M231-0230	2.3		27	53
M231-0238	(2.38)	3/32	30	57
M231-0240	2.4		30	57
M231-0250	2.5		30	57
M231-0260	2.6		30	57
M231-0270	2.7		33	61
M231-0278	(2.78)	7/64	33	61
M231-0280	2.8		33	61
M231-0290	2.9		33	61
M231-0300	3		33	61
M231-0310	3.1		36	65
M231-0317	(3.17)	1/8	36	65
M231-0320	3.2		36	65
M231-0330	3.3		36	65
M231-0340	3.4		39	70
M231-0350	3.5		39	70
M231-0357	(3.57)	9/64	39	70
M231-0360	3.6		39	70
M231-0370	3.7		39	70
M231-0380	3.8		43	75
M231-0390	3.9		43	75
M231-0397	(3.97)	5/32	43	75
M231-0400	4		43	75
M231-0410	4.1		43	75
M231-0420	4.2		43	75
M231-0430	4.3		47	80
M231-0437	(4.37)	11/64	47	80
M231-0440	4.4		47	80
M231-0450	4.5		47	80
M231-0460	4.6		47	80
M231-0470	4.7		47	80
M231-0476	(4.76)	3/16	52	86
M231-0480	4.8		52	86
M231-0490	4.9		52	86
M231-0500	5		52	86
M231-0510	5.1		52	86
M231-0516	(5.16)	13/64	52	86
M231-0520	5.2		52	86
M231-0530	5.3		52	86
M231-0540	5.4		57	93
M231-0550	5.5		57	93
M231-0556	(5.56)	7/32	57	93
M231-0560	5.6		57	93
M231-0570	5.7		57	93
M231-0580	5.8		57	93
M231-0590	5.9		57	93
M231-0595	(5.95)	15/64	63	101
M231-0600	6		63	101
M231-0610	6.1		63	101
M231-0620	6.2		63	101
M231-0630	6.3		63	101
M231-0635	(6.35)	1/4	63	101
M231-0640	6.4		63	101
M231-0650	6.5		63	101
M231-0660	6.6		63	101
M231-0670	6.7		63	101
M231-0675	(6.75)	17/64	69	109
M231-0680	6.8		69	109
M231-0690	6.9		69	109
M231-0700	7		69	109
M231-0710	7.1		69	109
M231-0714	(7.14)	9/32	69	109
M231-0720	7.2		69	109
M231-0730	7.3		69	109
M231-0740	7.4		69	109
M231-0750	7.5		69	109
M231-0754	(7.54)	19/64	75	117
M231-0760	7.6		75	117
M231-0770	7.7		75	117

Item Code	Size (H8)		Flute Length	O.A.L
	MM	Inch		
M231-0780	7.8		75	117
M231-0790	7.9		75	117
M231-0794	(7.94)	5/16	75	117
M231-0800	8		75	117
M231-0810	8.1		75	117
M231-0820	8.2		75	117
M231-0830	8.3		75	117
M231-0833	(8.33)	21/64	75	117
M231-0840	8.4		75	117
M231-0850	8.5		75	117
M231-0860	8.6		81	125
M231-0870	8.7		81	125
M231-0873	(8.73)	11/32	81	125
M231-0880	8.8		81	125
M231-0890	8.9		81	125
M231-0900	9		81	125
M231-0910	9.1		81	125
M231-0913	(9.13)	23/64	81	125
M231-0920	9.2		81	125
M231-0930	9.3		81	125
M231-0940	9.4		81	125
M231-0950	9.5		81	125
M231-0952	(9.52)	3/8	87	133
M231-0960	9.6		87	133
M231-0970	9.7		87	133
M231-0980	9.8		87	133
M231-0990	9.9		87	133
M231-0992	(9.92)	25/64	87	133
M231-1000	10		87	133
M231-1010	10.1		87	133
M231-1020	10.2		87	133
M231-1030	10.3		87	133
M231-1032	(10.3)	13/32	87	133
M231-1040	10.4		87	133
M231-1050	10.5		87	133
M231-1060	10.6		87	133
M231-1070	10.7		94	142
M231-1080	10.8		94	142
M231-1090	10.9		94	142
M231-1072	(10.72)	27/64	94	142
M231-1100	11		94	142
M231-1110	11.1		94	142
M231-1111	(11.11)	7/16	94	142
M231-1120	11.2		94	142
M231-1130	11.3		94	142
M231-1140	11.4		94	142
M231-1150	11.5		94	142
M231-1151	(11.51)	9/64	94	142
M231-1160	11.6		94	142
M231-1170	11.7		94	142
M231-1180	11.8		94	142
M231-1190	11.9		101	151
M231-1191	(11.91)	15/32	101	151
M231-1200	12		101	151
M231-1210	12.1		101	151
M231-1220	12.2		101	151
M231-1230	12.3		101	151
M231-1240	12.4		101	151
M231-1250	12.5		101	151
M231-1260	12.6		101	151
M231-1270	12.70		101	151
M231-1270	12.70	1/2	101	151
M231-1280	12.8		101	151
M231-1290	12.9		101	151
M231-1300	13		101	151
M231-1310	13.10		101	151
M231-1310	13.10	33/64	101	151
M231-1320	13.2		101	151
M231-1330	13.3		108	160
M231-1340	13.4		108	160
M231-1349	(13.49)	17/32	108	160
M231-1350	13.5		108	160
M231-1360	13.6		108	160
M231-1370	13.7		108	160
M231-1380	13.8		108	160
M231-1389	(13.89)	35/64	108	160
M231-1390	13.9		108	160
M231-1400	14		108	160
M231-1429	(14.29)	9/16	114	169
M231-1450	14.5		114	169
M231-1468	(14.68)	37/64	114	169
M231-1500	15		114	169
M231-1508	(15.08)	19/32	120	178
M231-1548	(15.48)	39/64	120	178
M231-1550	15.5		120	178
M231-1587	(15.87)	5/8	120	178
M231-1600	16		120	178

Hss-Co Parallel Shank Drill (Long Series)

Item Code	Size (H8)		Flute Length	O.A.L
	MM	Inch		
M231L-0100	1		33	56
M231L-0110	1.1		37	60
M231L-0119	(1.19)	3/64	41	65
M231L-0120	1.2		41	65
M231L-0130	1.3		41	65
M231L-0140	1.4		45	70
M231L-0150	1.5		45	70
M231L-0159	(1.59)	1/16	50	76
M231L-0160	1.6		50	76
M231L-0170	1.7		50	76
M231L-0180	1.8		53	80
M231L-0190	1.9		53	80
M231L-0198	(1.98)	5/64	56	85
M231L-0200	2		56	85
M231L-0210	2.1		56	85
M231L-0220	2.2		59	90
M231L-0230	2.3		59	90
M231L-0238	(2.38)	3/32	62	95
M231L-0240	2.4		62	95
M231L-0250	2.5		62	95
M231L-0260	2.6		62	95
M231L-0270	2.7		66	100
M231L-0278	(2.78)	7/64	66	100
M231L-0280	2.8		66	100
M231L-0290	2.9		66	100
M231L-0300	3		66	100
M231L-0310	3.1		89	106
M231L-0317	(3.17)	1/8	89	106
M231L-0320	3.2		89	106
M231L-0330	3.3		89	106
M231L-0340	3.4		73	112
M231L-0350	3.5		73	112
M231L-0357	(3.57)	9/64	73	112
M231L-0360	3.6		73	112
M231L-0370	3.7		73	112
M231L-0380	3.8		78	119
M231L-0390	3.9		78	119
M231L-0397	(3.97)	5/32	78	119
M231L-0400	4		78	119
M231L-0410	4.1		78	119
M231L-0420	4.2		78	119
M231L-0430	4.3		82	126
M231L-0437	(4.37)	11/64	82	126
M231L-0440	4.4		82	126
M231L-0450	4.5		82	126
M231L-0460	4.6		82	126
M231L-0470	4.7		82	126
M231L-0476	(4.76)	3/16	87	132
M231L-0480	4.8		87	132
M231L-0490	4.9		87	132
M231L-0500	5		87	132
M231L-0510	5.1		87	132
M231L-0516	(5.16)	13/64	87	132
M231L-0520	5.2		87	132
M231L-0530	5.3		87	132
M231L-0540	5.4		91	139
M231L-0550	5.5		91	139
M231L-0556	(5.56)	7/32	91	139
M231L-0560	5.6		91	139
M231L-0570	5.7		91	139
M231L-0580	5.8		91	139
M231L-0590	5.9		91	139
M231L-0595	(5.95)	15/64	97	148
M231L-0600	6		97	148
M231L-0610	6.1		97	148
M231L-0620	6.2		97	148
M231L-0630	6.3		97	148
M231L-0635	(6.35)	1/4	97	148
M231L-0640	6.4		97	148
M231L-0650	6.5		97	148
M231L-0660	6.6		97	148
M231L-0670	6.7		97	148
M231L-0675	(6.75)	17/64	102	156
M231L-0680	6.8		102	156
M231L-0690	6.9		102	156
M231L-0700	7		102	156
M231L-0710	7.1		102	156
M231L-0714	(7.14)	9/32	102	156
M231L-0720	7.2		102	156
M231L-0730	7.3		102	156
M231L-0740	7.4		102	156
M231L-0750	7.5		102	156
M231L-0754	(7.54)	19/64	109	165
M231L-0760	7.6		109	165

Item Code	Size (H8)		Flute Length	O.A.L
	MM	Inch		
M231L-0770	7.7		109	165
M231L-0780	7.8		109	165
M231L-0790	7.9		109	165
M231L-0794	(7.94)	5/16	109	165
M231L-0800	8		109	165
M231L-0810	8.1		109	165
M231L-0820	8.2		109	165
M231L-0830	8.3		109	165
M231L-0833	(8.33)	21/64	109	165
M231L-0840	8.4		109	165
M231L-0850	8.5		109	165
M231L-0860	8.6		115	175
M231L-0870	8.7		115	175
M231L-0873	(8.73)	11/32	115	175
M231L-0880	8.8		115	175
M231L-0890	8.9		115	175
M231L-0900	9		115	175
M231L-0910	9.1		115	175
M231L-0913	(9.13)	23/64	115	175
M231L-0920	9.2		115	175
M231L-0930	9.3		115	175
M231L-0940	9.4		115	175
M231L-0950	9.5		115	175
M231L-0952	(9.52)	3/8	121	184
M231L-0960	9.6		121	184
M231L-0970	9.7		121	184
M231L-0980	9.8		121	184
M231L-0990	9.9		121	184
M231L-0992	(9.92)	25/64	121	184
M231L-1000	10		121	184
M231L-1020	10.2		121	184
M231L-1030	(10.3)	13/32	121	184
M231L-1040	10.4		121	184
M231L-1050	10.5		121	184
M231L-1060	10.6		121	184
M231L-1070	10.7		128	195
M231L-1072	(10.72)	27/64	128	195
M231L-1080	10.8		128	195
M231L-1090	10.9		128	195
M231L-1100	11		128	195
M231L-1110	11.1		128	195
M231L-1111	(11.11)	7/16	128	195
M231L-1120	11.2		128	195
M231L-1130	11.3		128	195
M231L-1140	11.4		128	195
M231L-1150	11.5		128	195
M231L-1151	(11.51)	29/64	128	195
M231L-1160	11.6		128	195
M231L-1170	11.7		128	195
M231L-1180	11.8		128	195
M231L-1190	11.9		134	205
M231L-1191	(11.91)	15/32	134	205
M231L-1200	12		134	205
M231L-1210	12.1		134	205
M231L-1220	12.2		134	205
M231L-1230	12.3	31/64	134	205
M231L-1240	12.4		134	205
M231L-1250	12.5		134	205
M231L-1260	12.6		134	205
M231L-1270	12.70	1/2	134	205
M231L-1280	12.8		134	205
M231L-1290	12.9		134	205
M231L-1300	13		134	205
M231L-1310	13.10	33/64	134	205
M231L-1320	13.2		134	205
M231L-1330	13.3		140	214
M231L-1340	13.4		140	214
M231L-1349	(13.49)	17/32	140	214
M231L-1350	13.5		140	214
M231L-1360	13.6		140	214
M231L-1370	13.7		140	214
M231L-1380	13.8		140	214
M231L-1389	(13.89)	35/64	140	214
M231L-1390	13.9		140	214
M231L-1400	14		140	214
M231L-1429	(14.29)	9/16	144	220
M231L-1450	14.5		144	220
M231L-1468	(14.68)	37/64	144	220
M231L-1500	15		144	220
M231L-1508	(15.08)	19/32	149	227
M231L-1548	(15.48)	39/64	149	227
M231L-1550	15.5		149	227
M231L-1587	(15.87)	5/8	149	227
M231L-1600	16		149	227

DIN:
340

ISO:
235

IS:
5102

BS:
328

HSS-E

30
HELIX

Tool
Tol h8

Point
118

DIN:
1869/1ISO:
3292IS:
7823BS:
328

HSS-E

30
HELIXTool
Tol h8Point
118**Hss-Co Parallel Shank Drill (Extra Long Series)**

Item Code	Size (H8)		Flute Length	O.A.L
	MM	Inch		
M231EL-0100-100	1		50	100
M231EL-0100-125	1		75	125
M231EL-0100-150	1		100	150
M231EL-0119-100	(1.19)	3/64	50	100
M231EL-0119-125	(1.19)	3/64	75	125
M231EL-0119-150	(1.19)	3/64	100	150
M231EL-0150-100	1.5		50	100
M231EL-0150-125	1.5		75	125
M231EL-0150-150	1.5		100	150
M231EL-0150-175	1.5		125	175
M231EL-0150-200	1.5		150	200
M231EL-0159-100	(1.59)	1/16	50	100
M231EL-0159-125	(1.59)	1/16	75	125
M231EL-0159-150	(1.59)	1/16	100	150
M231EL-0159-200	(1.59)	1/16	150	200
M231EL-0198-100	(1.98)	5/64	50	100
M231EL-0198-125	(1.98)	5/64	75	125
M231EL-0198-150	(1.98)	5/64	100	150
M231EL-0198-200	(1.98)	5/64	150	200
M231EL-0198-250	(1.98)	5/64	200	250
M231EL-0198-300	(1.98)	5/64	250	300
M231EL-0200-125	2		75	125
M231EL-0200-150	2		100	150
M231EL-0200-175	2		125	175
M231EL-0200-200	2		150	200
M231EL-0238-125	(2.38)	3/32	75	125
M231EL-0238-150	(2.38)	3/32	100	150
M231EL-0238-175	(2.38)	3/32	125	175
M231EL-0238-200	(2.38)	3/32	150	200
M231EL-0250-150	2.5		100	150
M231EL-0250-200	2.5		150	200
M231EL-0278-125	(2.78)	7/64	75	125
M231EL-0278-150	(2.78)	7/64	100	150
M231EL-0278-175	(2.78)	7/64	125	175
M231EL-0278-200	(2.78)	7/64	150	200
M231EL-0300-125	3		75	125
M231EL-0300-150	3		100	150
M231EL-0300-175	3		125	175
M231EL-0300-200	3		150	200
M231EL-0300-250	3		200	250
M231EL-0317-150	(3.17)	1/8	100	150
M231EL-0317-200	(3.17)	1/8	150	200
M231EL-0317-250	(3.17)	1/8	200	250
M231EL-0330-150	3.3		100	150
M231EL-0330-200	3.3		150	200
M231EL-0330-250	3.3		200	250
M231EL-0350-150	3.5		100	150
M231EL-0350-200	3.5		150	200
M231EL-0350-250	3.5		200	250
M231EL-0397-150	(3.97)	5/32	100	150
M231EL-0397-200	(3.97)	5/32	150	200
M231EL-0397-250	(3.97)	5/32	200	250
M231EL-0400-150	4		100	150
M231EL-0400-200	4		150	200
M231EL-0400-250	4		100	250
M231EL-0400-300	4		250	300
M231EL-0420-150	4.2		100	150
M231EL-0420-200	4.2		150	200
M231EL-0420-250	4.2		200	250
M231EL-0420-300	4.2		250	300
M231EL-0437-150	(4.37)	11/64	100	150
M231EL-0437-200	(4.37)	11/64	150	200
M231EL-0437-250	(4.37)	11/64	200	250

Item Code	Size (H8)		Flute Length	O.A.L
	MM	Inch		
M231EL-0437-300	(4.37)	11/64	250	300
M231EL-0450-150	4.5		100	150
M231EL-0450-200	4.5		150	200
M231EL-0450-250	4.5		100	250
M231EL-0450-300	4.5		250	300
M231EL-0476-150	(4.76)	3/16	100	150
M231EL-0476-200	(4.76)	3/16	150	200
M231EL-0476-250	(4.76)	3/16	200	250
M231EL-0476-300	(4.76)	3/16	250	300
M231EL-0500-150	5		100	150
M231EL-0500-200	5		150	200
M231EL-0500-250	5		200	250
M231EL-0500-300	5		250	300
M231EL-0500-350	5		300	350
M231EL-0500-400	5		300	400
M231EL-0516-150	(5.16)	13/64	100	150
M231EL-0516-200	(5.16)	13/64	150	200
M231EL-0516-250	(5.16)	13/64	200	250
M231EL-0516-300	(5.16)	13/64	250	300
M231EL-0550-200	5.5		150	200
M231EL-0550-250	5.5		200	250
M231EL-0550-300	5.5		250	300
M231EL-0550-350	5.5		300	350
M231EL-0550-400	5.5		300	400
M231EL-0556-100	(5.56)	7/32	100	150
M231EL-0556-200	(5.56)	7/32	150	200
M231EL-0556-250	(5.56)	7/32	200	250
M231EL-0556-300	(5.56)	7/32	250	300
M231EL-0556-350	(5.56)	7/32	300	350
M231EL-0595-200	(5.95)	15/64	150	200
M231EL-0595-250	(5.95)	15/64	200	250
M231EL-0595-300	(5.95)	15/64	250	300
M231EL-0595-350	(5.95)	15/64	300	350
M231EL-0600-200	6		150	200
M231EL-0600-250	6		200	250
M231EL-0600-300	6		250	300
M231EL-0600-350	6		300	350
M231EL-0600-400	6		300	400
M231EL-0635-200	(6.35)	1/4	150	200
M231EL-0635-250	(6.35)	1/4	200	250
M231EL-0635-300	(6.35)	1/4	250	300
M231EL-0635-350	(6.35)	1/4	300	350
M231EL-0635-400	(6.35)	1/4	300	400
M231EL-0650-200	6.5		150	200
M231EL-0650-250	6.5		200	250
M231EL-0650-300	6.5		250	300
M231EL-0650-350	6.5		300	350
M231EL-0650-400	6.5		300	400
M231EL-0675-200	(6.75)	17/64	150	200
M231EL-0675-250	(6.75)	17/64	200	250
M231EL-0675-300	(6.75)	17/64	250	300
M231EL-0675-350	(6.75)	17/64	300	350
M231EL-0675-400	(6.75)	17/64	300	400
M231EL-0680-200	6.8		150	200
M231EL-0680-250	6.8		200	250
M231EL-0680-300	6.8		250	300
M231EL-0680-350	6.8		300	350
M231EL-0680-400	6.8		300	400
M231EL-0700-200	7		150	200
M231EL-0700-250	7		200	250
M231EL-0700-300	7		250	300
M231EL-0700-350	7		300	350

Hss-Co Parallel Shank Drill (Extra Long Series)

Item Code	Size (H8)		Flute Length	
	MM	Inch		
M231EL-0700-400	7		300	400
M231EL-0714-200	(7.14)	9/32	150	200
M231EL-0714-250	(7.14)	9/32	200	250
M231EL-0714-300	(7.14)	9/32	250	300
M231EL-0714-350	(7.14)	9/32	300	350
M231EL-0714-400	(7.14)	9/32	300	400
M231EL-0750-200	7.5		150	200
M231EL-0750-250	7.5		200	250
M231EL-0750-300	7.5		250	300
M231EL-0750-350	7.5		300	350
M231EL-0750-400	7.5		300	400
M231EL-0754-200	(7.54)	19/64	150	200
M231EL-0754-250	(7.54)	19/64	200	250
M231EL-0754-300	(7.54)	19/64	250	300
M231EL-0754-350	(7.54)	19/64	300	350
M231EL-0754-400	(7.54)	19/64	300	400
M231EL-0794-200	(7.94)	5/16	150	200
M231EL-0794-250	(7.94)	5/16	200	250
M231EL-0794-300	(7.94)	5/16	250	300
M231EL-0794-350	(7.94)	5/16	300	350
M231EL-0794-400	(7.94)	5/16	300	400
M231EL-0800-200	8		150	200
M231EL-0800-250	8		200	250
M231EL-0800-300	8		250	300
M231EL-0800-350	8		300	350
M231EL-0800-400	8		300	400
M231EL-0820-200	8.2		150	200
M231EL-0820-250	8.2		200	250
M231EL-0820-300	8.2		250	300
M231EL-0820-350	8.2		300	350
M231EL-0820-400	8.2		300	400
M231EL-0833-200	(8.33)	21/64	150	200
M231EL-0833-250	(8.33)	21/64	200	250
M231EL-0833-300	(8.33)	21/64	250	300
M231EL-0833-350	(8.33)	21/64	300	350
M231EL-0833-400	(8.33)	21/64	300	400
M231EL-0850-200	8.5		150	200
M231EL-0850-250	8.5		200	250
M231EL-0850-300	8.5		250	300
M231EL-0850-350	8.5		300	350
M231EL-0850-400	8.5		300	400
M231EL-0873-200	(8.73)	11/32	150	200
M231EL-0873-250	(8.73)	11/32	200	250
M231EL-0873-300	(8.73)	11/32	250	300
M231EL-0873-350	(8.73)	11/32	300	350
M231EL-0873-400	(8.73)	11/32	300	400
M231EL-0900-200	9		150	200
M231EL-0900-250	9		200	250
M231EL-0900-300	9		150	300
M231EL-0900-350	9		300	350
M231EL-0900-400	9		300	400
M231EL-0913-200	(9.13)	23/64	150	200
M231EL-0913-250	(9.13)	23/64	200	250
M231EL-0913-300	(9.13)	23/64	150	300
M231EL-0913-350	(9.13)	23/64	300	350
M231EL-0913-400	(9.13)	23/64	300	400
M231EL-0950-200	9.5		150	200
M231EL-0950-250	9.5		200	250
M231EL-0950-300	9.5		250	300
M231EL-0950-350	9.5		300	350
M231EL-0950-400	9.5		300	400
M231EL-0952-200	(9.52)	3/8	150	200

Item Code	Size (H8)		Flute Length	O.A.L
	MM	Inch		
M231EL-0952-250	(9.52)	3/8	200	250
M231EL-0952-300	(9.52)	3/8	250	300
M231EL-0952-350	(9.52)	3/8	300	350
M231EL-0952-400	(9.52)	3/8	300	400
M231EL-0992-200	(9.92)	25/64	150	200
M231EL-0992-250	(9.92)	25/64	200	250
M231EL-0992-300	(9.92)	25/64	250	300
M231EL-0992-350	(9.92)	25/64	300	350
M231EL-0992-400	(9.92)	25/64	300	400
M231EL-1000-250	10		200	250
M231EL-1000-300	10		250	300
M231EL-1000-350	10		300	350
M231EL-1000-400	10		300	400
M231EL-1020-250	10.2		200	250
M231EL-1020-300	10.2		250	300
M231EL-1020-350	10.2		300	350
M231EL-1020-400	10.2		300	400
M231EL-1030-250	(10.3)	13/32	200	250
M231EL-1030-300	(10.3)	13/32	250	300
M231EL-1030-350	(10.3)	13/32	300	350
M231EL-1030-400	(10.3)	13/32	300	400
M231EL-1050-250	10.5		200	250
M231EL-1050-300	10.5		250	300
M231EL-1050-350	10.5		300	350
M231EL-1050-400	10.5		300	400
M231EL-1072-250	(10.72)	27/64	200	250
M231EL-1072-300	(10.72)	27/64	250	300
M231EL-1072-350	(10.72)	27/64	300	350
M231EL-1072-400	(10.72)	27/64	300	400
M231EL-1100-250	11		200	250
M231EL-1100-300	11		250	300
M231EL-1100-350	11		300	350
M231EL-1100-400	11		300	400
M231EL-1111-250	(11.11)	7/16	200	250
M231EL-1111-300	(11.11)	7/16	250	300
M231EL-1111-350	(11.11)	7/16	300	350
M231EL-1111-400	(11.11)	7/16	300	400
M231EL-1150-250	11.5		200	250
M231EL-1150-300	11.5		250	300
M231EL-1150-350	11.5		300	350
M231EL-1150-400	11.5		300	400
M231EL-1191-250	(11.91)	15/32	200	250
M231EL-1191-300	(11.91)	15/32	250	300
M231EL-1191-350	(11.91)	15/32	300	350
M231EL-1191-400	(11.91)	15/32	300	400
M231EL-1200-250	12		200	250
M231EL-1200-300	12		250	300
M231EL-1200-350	12		300	350
M231EL-1200-400	12		300	400
M231EL-1250-250	12.5		200	250
M231EL-1250-300	12.5		250	300
M231EL-1250-350	12.5		300	350
M231EL-1250-400	12.5		300	400
M231EL-1270-250	(12.70)	1/2	200	250
M231EL-1270-300	(12.70)	1/2	250	300
M231EL-1270-350	(12.70)	1/2	300	350
M231EL-1270-400	(12.70)	1/2	300	400
M231EL-1300-250	13		200	250
M231EL-1300-300	13		250	300
M231EL-1300-350	13		300	350
M231EL-1300-400	13		300	400

DIN:
1869/1

ISO:
3292

IS:
7823

BS:
328

HSS-E

30
HELIX

Tool
Tol h8

Point
118

HSS-E

Point
118

HSS-Co Centre Drill Form - A

Item Code	Pilot Dia	Body Dia	Pilot Length	Overall
M400A-0050	0.5	3.15	0.8	25
M400A-0080	0.8	3.15	1.1	25
M400A-0100	1	3.15	1.3	31.5
M400A-0125	1.25	3.15	1.6	31.5
M400A-0160	1.6	4	2	35.5
M400A-0200	2	5	2.5	40
M400A-0250	2.5	6.3	3.1	45
M400A-0315	3.15	8	3.9	50
M400A-0400	4	10	5	56
M400A-0500	5	12.5	6.3	63
M400A-0630	6.3	16	8	71

Sizes upto 1mm are Single Sided

DIN:
333ISO:
866IS:
6708

HSS-Co Centre Drill Form - B

Item Code	Pilot Dia K12	Body Dia h9	OAL		Pilot Length	
			Max	Min	Max	Min
M400B-0160	1.6	6.3	47	43	2.8	2
M400B-0200	2	8	52	48	3.3	2.5
M400B-0250	2.5	10	59	53	4.1	3.1
M400B-0315	3.15	11.2	63	57	4.9	3.9
M400B-0400	4	14	70	64	6.2	5
M400B-0500	5	18	78	72	7.5	6.3
M400B-0630	6.3	20	83	77	9.2	8
M400B-0800	8	25	103	97	11.5	10.1
M400B-1000	10	31.5	128	122	14.2	12.8

DIN:
333ISO:
2540IS:
6709

HSS-Co Centre Drill Form - R

Item Code	Pilot Dia	Body Dia	Pilot Length	Overall
M400R-0050	0.5	3.15	0.8	25
M400R-0080	0.8	3.15	1.1	25
M400R-0100	1	3.15	1.3	31.5
M400R-0125	1.25	3.15	1.6	31.5
M400R-0160	1.6	4	2	35.5
M400R-0200	2	5	2.5	40
M400R-0250	2.5	6.3	3.1	45
M400R-0315	3.15	8	3.9	50
M400R-0400	4	10	5	56
M400R-0500	5	12.5	6.3	63
M400R-0630	6.3	16	8	71

DIN:
333

HSS-Co Centre Drill Form BS

Item Code	BS	Pilot Dia d1	Body Dia d2	Pilot Length l1 max	Pilot Length l1 Min	Overall l2
M400-BS1	BS1	3/64"	1/8"	5/64"	1/6"	1.1/2"
M400-BS2	BS2	1/16"	3/16"	3/32"	5/64"	1.3/4"
M400-BS3	BS3	3/32"	1/4"	5/32"	1/8"	2"
M400-BS4	BS4	1/8"	5/16"	3/16"	5/32"	2.1/4"
M400-BS5	BS5	3/16"	7/16"	9/32"	1/4"	2.1/2"
M400-BS6	BS6	1/4"	5/8"	3/8"	5/16"	3"
M400-BS7	BS7	5/16"	3/4"	15/32"	13/32"	3.1/2"

BS:
328

HSS-Co ENDMILL

M104FS - (4 Flute Flat STD Length) (DIN-844K)



Code	Cutter dia-k10	Cutter length	OAL	Shank dia-h6
M104FS-0600	6	13	57	6
M104FS-0700	7	16	66	10
M104FS-0800	8	19	69	10
M104FS-0900	9	19	69	10
M104FS-1000	10	22	72	10
M104FS-1100	11	22	79	12
M104FS-1200	12	26	83	12
M104FS-1300	13	26	83	12
M104FS-1400	14	26	83	12
M104FS-1500	15	26	83	12
M104FS-1600	16	32	92	16
M104FS-1800	18	32	92	16
M104FS-2000	20	38	104	20
M104FS-2200	22	38	104	20
M104FS-2400	24	45	121	25
M104FS-2500	25	45	121	25
M104FS-2600	26	45	121	25
M104FS-2800	28	45	121	25
M104FS-3000	30	45	121	25
M104FS-3200	32	53	133	32
M104FS-4000	40	63	155	40

HSS-Co ROUGHING ENDMILL

M124RCS-(4 Flute Flat STD Length Rough) (DIN 844K)



Code	Cutter dia-k12	Cutter length	OAL	Shank dia-h6
M124RCS-0600	6	13	57	6
M124RCS-0700	7	16	66	10
M124RCS-0800	8	19	69	10
M124RCS-0900	9	19	69	10
M124RCS-1000	10	22	72	10
M124RCS-1100	11	22	79	12
M124RCS-1200	12	26	83	12
M124RCS-1300	13	26	83	12
M124RCS-1400	14	26	83	12
M124RCS-1500	15	26	83	12
M124RCS-1600	16	32	92	16
M124RCS-1800	18	32	92	16
M124RCS-2000	20	38	104	20
M124RCS-2200	22	38	104	20
M124RCS-2400	24	45	121	25
M124RCS-2500	25	45	121	25
M124RCS-2600	26	45	121	25
M124RCS-2800	28	45	121	25
M124RCS-3000	30	45	121	25
M124RCS-3200	32	53	133	32
M124RCS-4000	40	63	155	40

HSS-Co ENDMILL

M104FL-(4 Flute Flat LONG Length) (DIN-844L)



Code	Cutter dia-k10	Cutter length	OAL	Shank dia-h6
M104FL-0600	6	24	68	6
M104FL-0700	7	30	80	10
M104FL-0800	8	38	88	10
M104FL-0900	9	38	88	10
M104FL-1000	10	45	95	10
M104FL-1200	12	53	110	12
M104FL-1400	14	53	110	12
M104FL-1600	16	63	123	16
M104FL-1800	18	63	123	16
M104FL-2000	20	75	141	20
M104FL-2200	22	75	141	20
M104FL-2500	25	90	166	25
M104FL-2800	28	90	166	25
M104FL-3200	32	106	186	32

HSS-Co ROUGHING ENDMILL

M124RCL-(4 Flute Flat LONG Length Rough) (DIN 844L)



Code	Cutter dia-k12	Cutter length	OAL	Shank dia-h6
M124RCL-0600	6	24	68	6
M124RCL-0700	7	30	80	10
M124RCL-0800	8	38	88	10
M124RCL-0900	9	38	88	10
M124RCL-1000	10	45	95	10
M124RCL-1200	12	53	110	12
M124RCL-1400	14	53	110	12
M124RCL-1600	16	63	123	16
M124RCL-1800	18	63	123	16
M124RCL-2000	20	75	141	20
M124RCL-2200	22	75	141	20
M124RCL-2500	25	90	166	25
M124RCL-2800	28	90	166	25
M124RCL-3200	32	106	186	32

Other Range of Products



TruCut Precision Tools Pvt Ltd

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