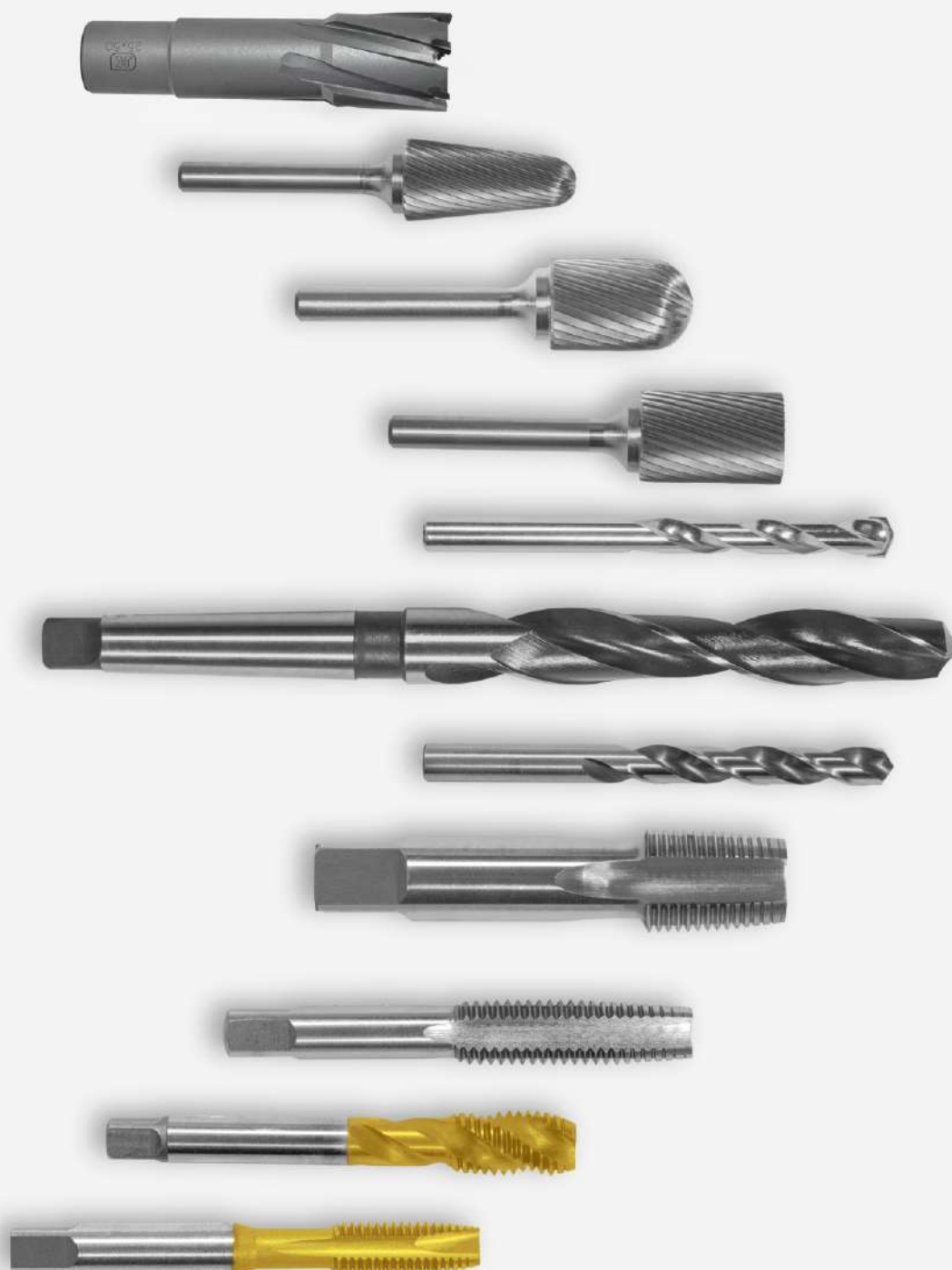




Speedy Effortless Tool

PRICE LIST
CUTTING TOOLS



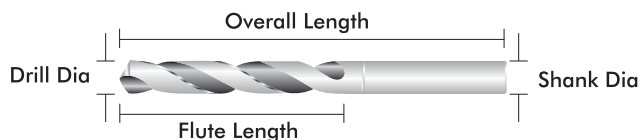
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TERMS AND CONDITIONS:

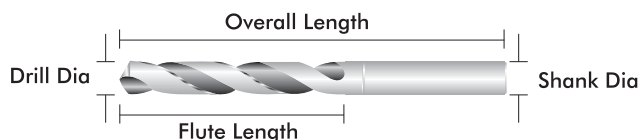
1. These are the current prices and supersede all previous price-lists.
2. MRP is inclusive of GST
3. Prices are F.O.R. Destination
4. Prices are subject to revision without prior notice and all pending orders, if any, will be invoiced at the rates ruling on the date of delivery.
5. Dealers are free to charge lower than the Maximum Recommended Retail Price.
6. Please refer to us for Centre Drills with special dimensions.
7. For HSS Square Tool Bits, orders to be in multiple of 10 numbers upto 1/2" Square.
8. All legal proceedings are subject to Mumbai Jurisdiction.



Size-Diameter			Length mm		M2 Ground Flute	M2 Roll Forged	NEW AQUABIT Blue Coated	NEW SUPERBIT M35 SP	NEW DRIVEMAX M42 SP
mm	inch	dg/lg	flute	overall					
0.50					1410		1407		
0.55			7	24	1410		1407		
0.60			7	24	1410		1407		
0.65			8	26	1410		1407		
0.70			9	28	1410		1407		
0.75	1/32		9	28	1410		1407		
0.80			10	30	1410		1407		
0.85			10	30	1410		1407		
0.90			11	32	1410		1407		
0.95			11	32	1410		1407		
1.00			12	34	740		744	880	
1.02		60			740		744		
1.04		59	12	34	740		744		
1.07		58			740		744		
1.09		57			740		744		
1.10			14	36	740		744		
1.18		56			740		744		
1.19	3/64				740		744	880	
1.20			16	38	740		744	880	
1.30			16	38	740		744	880	
1.32		55			740		744		
1.40		54	18	40	740		744	880	
1.50			18	40	740		744	880	
1.51		53			800		791		
1.59	1/16				800		791	910	
1.60			20	43	800		791	910	
1.61		52			800		791		
1.70		51	20	43	800		791	910	
1.78		50			800		791		
1.80			22	46	800		791	910	
1.85		49	22	46	800		791		
1.90			22	46	800		791	910	
1.93	5/64	48			800		791	910	
1.98			24	49	800		791		
1.99		47	24	49	810		802		
2.00			24	49	810		802	910	
2.06		46	24	49	810		802		
2.08		45	24	49	810		802		
2.10			24	49	810		802	910	
2.18		44	27	53	810		802		
2.20			27	53	810		802	920	
2.26		43	27	53	810		802		
2.30			27	53	810		802	920	
2.37		42	30	57	810		802		
2.38	3/32		30	57	810		802	920	

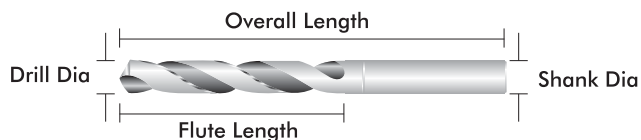
HSS Straight Shank Jobber Drill Ground flute

To IS : 5101 / DIN : 338 / BS: 328 / I.S.O.



Size-Diameter			Length mm		M2 Ground Flute	M2 Roll Forged	NEW AQUABIT Blue Coated	NEW SUPERBIT M35 SP	NEW DRIVEMAX M42 SP
mm	inch	dg/lg	flute	overall					
2.40			30	57	810		802	920	
2.44		41	30	57	810		802		
2.49		40	30	57	810		802		
2.50			30	57	780		802	920	
2.53		39	30	57	780		802		
2.58		38	30	57	780		802		
2.60			30	57	780		802	920	
2.64		37	30	57	810		837		
2.70			33	61	810		837	970	
2.71		36	33	61	810		837		
2.78	7/64		33	61	810	780	837	970	
2.79		35	33	61	810		837		
2.80			33	61	810		837	970	
2.82		34	33	61	850		837		
2.87		33	33	61	850		837		
2.90			33	61	850		837	970	
2.95		32	33	61	850		837		
3.00			33	61	850	780	837	900	1460
3.05		31	36	65	1010	1100	1035		
3.10			36	65	1010	1100	1035	1200	1740
3.17	1/8		36	65	1010	1100	1035	1200	1740
3.20			36	65	1120	1130	1151	1200	1800
3.26		30	36	65	1120	1130	1151		
3.30			36	65	1120	1130	1151	1200	1800
3.40			39	70	1120	1130	1151	1200	1890
3.45		29	39	70	1120	1130	1151		
3.50			39	70	1120	1130	1151	1200	1890
3.57	9/64	28	39	70	1120	1130	1151	1300	1890
3.60			39	70	1410	1530	1442	1790	2540
3.66		27	39	70	1520	1530	1558		
3.70			39	70	1520	1530	1558	1790	2540
3.73		26	39	70	1520	1530	1558		
3.80		25	43	75	1520	1530	1558	1790	2540
3.86		24	43	75	1520	1530	1558		
3.90			43	75	1520	1530	1558	1790	2540
3.91		23	43	75	1590	1530	1558		
3.97	5/32		43	75	1590	1530	1558	1790	2540
3.99		22	43	75	1590	1530	1558		
4.00			43	75	1590	1530	1558	1790	2540
4.04		21	43	75	1890	1990	1849		
4.09		20	43	75	1890	1990	1849		
4.10			43	75	1890	1990	1849	2150	3080
4.20			43	75	1890	1990	1849	2150	3080
4.22		19	43	75	1890	1990	1849		
4.30		18	47	80	1890	1990	1849	2150	3080

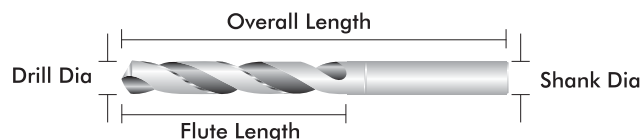
MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 10 NOS.



Size-Diameter			Length mm		M2 Ground Flute	M2 Roll Forged	NEW AQUABIT Blue Coated	NEW SUPERBIT M35 SP	NEW DRIVEMAX M42 SP
mm	inch	dg/lg	flute	overall					
4.37	11/64		47	80	1910	1990	1872	2150	4050
4.39		17	47	80	1910	1990	1872		
4.40			47	80	1910	1990	1872	2150	3080
4.50		16	47	80	2350	2460	2302	2840	4050
4.57		15	47	80	2460	2460	2302		
4.60			47	80	2460	2460	2302	2840	4050
4.62		14	47	80	2460	2460	2302		
4.70		13	47	80	2460	2460	2302	2840	4050
4.76	3/16		52	86	2460	2460	2302	2840	4050
4.80		12	52	86	2530	2460	2372	2840	4050
4.85		11	52	86	2630	2620	2465		
4.90			52	86	2630	2620	2465	3120	4050
4.92		10	52	86	2680	2620	2465		
4.98		9	52	86	2680	2620	2465		
5.00			52	86	2630	2550	2419	3120	4400
5.06		8	52	86	2630	2550	2419		
5.10			52	86	2630	2550	2419	3120	4400
5.11		7	52	86	2630	2550	2419		
5.16	13/64		52	86	2630	2550	2419	3120	4400
5.18		6	52	86	2630	2550	2419		
5.20			52	86	2630	2550	2419	3120	4400
5.22		5	52	86	3010	2920	2767		
5.30			52	86	3010	2920	2767	3360	4740
5.31		4	57	93	3010	2920	2767		
5.40			57	93	3010	2920	2767	3360	4740
5.41		3	57	93	3010	2920	2767		
5.50			57	93	3010	2920	2767	3360	4740
5.56	7/32		57	93	2910	2920	2767	3360	4740
5.60			57	93	2910	2920	2767	3360	4740
5.61		2	57	93	3200	3140	3058		
5.70			57	93	3200	3140	3058	3760	5340
5.79		1	57	93	3200	3140	3058		
5.80			57	93	3200	3140	3058	3760	5340
5.90			57	93	3290	3140	3058	3760	5340
5.94		A	57	93	3290	3140	3058		
5.95	15/64		57	93	3290	3140	3058	3760	
6.00			57	93	3290	3140	3058	3760	5340
6.04		B	63	93	3670	3390	3442		
6.10			63	93	3670	3390	3442	4140	5810
6.15		C	63	93	3670	3390	3442		
6.20			63	93	3670	3390	3442	4140	5810
6.25		D	63	93	3650	3390	3442		
6.30			63	93	3650	3600	3442	4140	5810
6.35	1/4	E	63	93	3650	3600	3442	4140	5810
6.40			63	93	3650	3600	3442	4140	5810

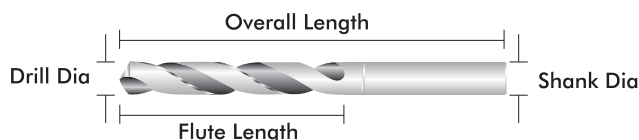
HSS Straight Shank Jobber Drill Ground flute

To IS : 5101 / DIN : 338 / BS: 328 / I.S.O.



Size-Diameter			Length mm		M2 Ground Flute	M2 Roll Forged	NEW AQUABIT Blue Coated	NEW SUPERBIT M35 SP	NEW DRIVEMAX M42 SP
mm	inch	dg/lg	flute	overall					
6.50			63	101	4550	4360	4302	5230	7280
6.53		F	63	101	4630	4360	4302		
6.60			63	101	4630	4360	4302	5230	7280
6.63		G	63	101	4630	4360	4302		
6.70			63	101	4630	4360	4302	5230	7280
6.75	17/64	H	69	109	4630	4360	4302	5230	7280
6.80			69	109	4630	4360	4686	5230	7280
6.90		I	69	109	5040	4870	4686	5720	7960
7.00			69	109	5040	4870	4686	5720	7960
7.03		J	69	109	5040	4870	4686		
7.10			69	109	5040	4870	4686	5720	7960
7.14	9/32	K	69	109	5040	4870	4686	5720	7960
7.20			69	109	5460	4870	5070	5870	7960
7.30			69	109	5460	5130	5070	6060	7960
7.37		L	69	109	5460	5130	5070		
7.40			69	109	5460	5130	5070	6060	8410
7.49		M	69	109	5460	5130	5070		
7.50			69	109	5460	5130	5070	6060	8410
7.54	19/64		75	117	5770	5510	5454	6580	
7.60			75	117	5770	5510	5454	6580	9100
7.67		N	75	117	6000	5510	5674		
7.70			75	117	6000	5620	5674	6580	9100
7.80			75	117	6000	5620	5674	6580	9100
7.90			75	117	6000	5620	5674	7190	9100
7.94	5/16		75	117	6360	6060	6012	7190	9990
8.00			75	117	6360	6060	6012	7190	9990
8.03		O	75	117	6360	6060	6012		
8.10			75	117	6360	6180	6012	7190	9990
8.20		P	75	117	6360	6180	6012	7190	9990
8.30			75	117	7500	7350	7081	8690	12110
8.33	21/64		75	117	7500	7350	7081	8690	12110
8.40			75	117	7840	7350	7407	8690	12110
8.43		Q	75	117	7840	7350	7407		
8.50			75	117	7840	7350	7407	8690	12110
8.60			81	125	7840	7350	7407	8690	12110
8.61		R	81	125	7840	7350	7407		
8.70			81	125	7840	7350	7407	8690	12110
8.73	11/32		81	125	8250	7730	7791	9280	
8.80			81	125	8250	7730	7791	9280	12750
8.84		S	81	125	8250	7730	7791		
8.90			81	125	8250	7730	7791	9280	12750
9.00			81	125	8250	7730	7791	9280	12750
9.09		T	81	125	8600	8050	8128		
9.10			81	125	8600	8050	8128	9580	13310
9.13	23/64		81	125	8600	8050	8128	9580	

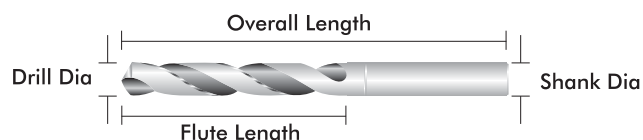
MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 10 NOS.



Size-Diameter			Length mm		M2 Ground Flute	M2 Roll Forged	NEW AQUABIT Blue Coated	NEW SUPERBIT M35 SP	NEW DRIVEMAX M42 SP
mm	inch	dg/lg	flute	overall					
9.20			81	125	8600	8050	8128	9580	13310
9.30			81	125	8600	8050	8128	9580	13310
9.34		U	81	125	8600	8050	8128		
9.40			81	125	8600	8050	8128	9580	13310
9.50			81	125	8600	8050	8128	9580	13310
9.52			87	133	9780	9170	9233		15080
9.58	3/8	V	87	133	9780	9170	9233	10860	
9.60			87	133	9780	9170	9233	10860	15080
9.70			87	133	9780	9170	9233		15080
9.80		W	87	133	9780	9170	9233	10860	15080
9.90			87	133	10720	10230	10128	12130	16880
9.92	25/64		87	133	10720	10230	10128	12130	
10.00			87	133	10720	10230	10128	12130	16880
10.08		X	87	133	10720	10230	10128		
10.10			87	133	10720	10230	10128	12130	16880
10.20			87	133	10720	10230	10128	12130	16880
10.26		Y	87	133	11250	11050	10628		
10.30			87	133	11250	11050	10628	13200	18290
10.32	13/32		87	133	11250	11050	10628	13200	18290
10.40			87	133	11790	11050	11140	13200	18290
10.49		Z	87	133	11790	11050	11140		
10.50			87	133	11790	11050	11140	13200	18290
10.60			87	133	11790	11050	11140	13200	18290
10.70			94	142	11790	11050	11140	13950	19370
10.72	27/64		94	142	12480	11670	11791	13950	
10.80			94	142	12480	11670	11791	13950	19370
10.90			94	142	12480	11670	11791	13950	19370
11.00			94	142	12480	11670	11791	13950	19370
11.10			94	142	13920	13030	13151	15530	21620
11.11	7/16		94	142	13920	13030	13151	15530	21620
11.20			94	142	13920	13030	13151	15530	21620
11.30			94	142	13920	13030	13151	15530	21620
11.40			94	142	13920	13030	13151	15530	21620
11.50			94	142	14700	13750	13884	16380	22800
11.51	29/64		94	142	14700	13750	13884	16380	
11.60			94	142	14700	13750	13884	16380	22800
11.70			94	142	14700	13750	13884	16380	22800
11.80			101	142	14700	13750	13884	16380	22800
11.90			101	151	15640	14670	14779	17500	24350
11.91	15/32		101	151	15640	14670	14779	17500	
12.00			101	151	15640	14670	14779	17500	24350
12.10			101	151	15640	14670	14779	17500	24350
12.20			101	151	15640	14670	14779	17500	24350
12.30	31/64		101	151	16650	15600	15733	18570	25830
12.40			101	151	16650	15600	15733	18570	25830

HSS Straight Shank Jobber Drill Ground flute

To IS : 5101 / DIN : 338 / BS: 328 / I.S.O.



Size-Diameter			Length mm		M2 Ground Flute	M2 Roll Forged	NEW AQUABIT Blue Coated	NEW SUPERBIT M35 SP	NEW DRIVEMAX M42 SP
mm	inch	dg/lg	flute	overall					
12.50			101	151	16650	15600	15733	18570	25830
12.60			101	151	16940	15600	15733	18570	25830
12.70	1/2		101	151	17350	16440	16116	19600	27280
12.80			101	151	17850	16440	16582	19600	27510
12.90			101	151	17850	16440	16582	19600	27510
13.00			101	151	17850	16440	16582	19600	27510
13.10	33/64		101	151	22150		20570		
13.20			101	151	22150		20570		
13.30			108	160	22150		20570		
13.40			108	160	22150		20570		
13.49	17/32		108	160	23580		21896		
13.50			108	160	23580		21896		
13.60			108	160	23580		21896		
13.70			108	160	23580		21896		
13.80			108	160	23580		21896		
13.89	35/64		108	160	26090		24233		
13.90			108	160	26090		24233		
14.00			108	160	26090		24233		
14.25			114	169	26090		24233		
14.29	9/16		114	169	26090		24233		
14.50			114	169	26090		24233		
14.68	37/64		114	169	26090		24233		
14.75			114	169	29480		27384		
15.00			114	169	29480		27384		
15.08	19/32		120	178	29480		27384		
15.25			120	178	29480		27384		
15.48	39/64		120	178	31300		29070		
15.50			120	178	31300		29070		
15.75			120	178	33030		30675		
15.87	5/8		120	178	33030		30675		
16.00			120	178	33030		30675		
16.50					33030				
17.00					33030				
17.50					34090				
18.00					34090				
18.25					34730				
18.50					34090				
19.00					36310				
19.05	3/4				37080				
19.50					36970				
20.00					36970				
20.50					41080				
21.00					44390				
21.50					47090				
22.00					49430				
22.22	7/8				46130				
22.50					49430				
23.00					49430				

Special notes:

1. Intermediate, unlisted sizes, price of the next larger listed size will be charged.
2. Quick Spiral or Slow Spiral drills upto sizes 3.17 mm and sizes over 3.17 mm will be charged 50% and 25% Extra respectively.
3. Jobber Series Drills with Tenon can be supplied at 20% extra for sizes upto 6.50 mm 10% extra for sizes over 6.50 mm.
4. All sizes can be ordered in multiple of 10 only.

Terms & Conditions:

1. Prices are F.O.R. Destination.
2. Prices are subject to revision without prior notice.
3. All legal proceedings are subject to Mumbai Jurisdiction.



Size-Diameter	M.R.P. RS
Jobber Drill Set 1/8" to 1/4" (4 pc)	880
Jobber Drill Set 3/32" to 1/4" (7 pc)	1379
Jobber Drill Set 1/16" to 1/4" (13 pc)	2340
Jobber Drill Set 2.00 to 8.00 mm (13 pc)	3523
Jobber Drill Set 1.00 to 13.00 mm (25 pc)	15100
Jobber Drill Set 1/16" to 1/2" (29 pc)	20590
Masonry Bit Set 4.00 to 10.00 mm (5 pc) (E-Com)	1300
Masonry Bit Set (1/8 - 3/8) (5 pc)	1260
Now Jobber Drill Set 1.5 to 6.5 mm (13 pc)	3029
Now Jobber Drill Set 1.00 to 10.00 mm (19 pc)	7638

Special notes:

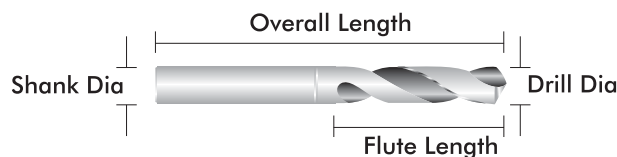
1. Intermediate, unlisted sizes, price of the next larger listed size will be charged.
2. Quick Spiral or Slow Spiral drills upto sizes 3.17 mm and sizes over 3.17 mm will be charged 50% and 25% Extra respectively.
3. Jobber Series Drills with Tenon can be supplied at 20% extra for sizes upto 6.50 mm 10% extra for sizes over 6.50 mm.
4. All sizes can be ordered in multiple of 10 only.

Terms & Conditions:

1. Prices are F.O.R. Destination.
2. Prices are subject to revision without prior notice.
3. All legal proceedings are subject to Mumbai Jurisdiction.

HSS Straight Shank Stub Series Drill

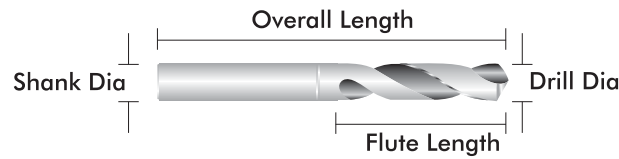
To IS : 5100 / DIN : 1897 / BS: 328 / I.S.O.



Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
1.00		6	26	740
1.19	3/64	8	30	740
1.20		8	30	740
1.50		9	32	740
1.59	1/16	10	34	760
1.80		11	36	760
1.98	5/64	12	38	760
2.00		12	38	730
2.20		13	40	730
2.38	3/32	14	43	730
2.50		14	43	700
2.78	7/64	16	46	700
2.80		16	46	830
3.00		16	46	880
3.17	1/8	18	49	960
3.20		18	49	1040
3.50		20	52	1040
3.57	9/64	20	52	1040
3.80		22	55	1370
3.97	5/32	22	55	1430
4.00		22	55	1430
4.20		22	55	1640
4.37	11/64	24	58	1640
4.50		24	58	2010
4.76	3/16	26	62	2100
4.80		26	62	2100
5.00		26	62	2230
5.16	13/64	26	62	2230
5.20		26	62	2230
5.50		28	66	2490
5.56	7/32	28	66	2410
5.80		28	66	2670
5.95	15/64	28	66	2740
6.00		28	66	2820
6.20		31	70	3150
6.35	1/4	31	70	3090
6.50		31	70	3730
6.75	17/64	34	74	3790

Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
6.80		34	74	3790
7.00		34	74	4220
7.14	9/32	34	74	4220
7.20		34	74	4220
7.50		34	74	4310
7.54	19/64	37	79	4670
7.80		37	79	4740
7.94	5/16	37	79	5230
8.00		37	79	5230
8.20		37	79	5230
8.33	21/64	37	79	6700
8.50		37	79	6700
8.73	11/32	40	84	6990
8.80		40	84	6990
9.00		40	84	6990
9.13	23/64	40	84	7370
9.20		40	84	7370
9.50		40	84	7370
9.52	3/8	43	89	7730
9.80		43	89	8190
9.92	25/64	43	89	9440
10.00		43	89	9440
10.20		43	89	9440
10.32	13/32	43	89	10050
10.50		43	89	10050
10.72	27/64	47	95	11370
10.80		47	95	11370
11.00		47	95	11370
11.11	7/16	47	95	11910
11.20		47	95	12620
11.50		47	95	13510
11.51	29/64	47	95	13510
11.80		47	95	13510
11.91	15/32	51	102	13510
12.00		51	102	13510
12.20		51	102	13510
12.30	31/64	51	102	14620
12.50		51	102	14620

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 10 NOS.

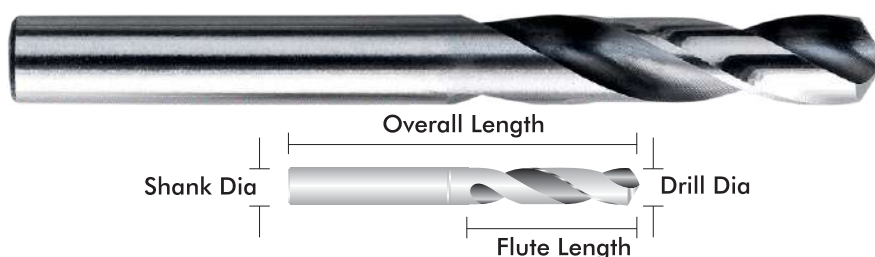


Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
12.70	1/2	51	102	15300
12.80		51	102	15300
13.00		51	102	15300
13.20		51	102	18780
13.49	17/32	54	107	20090
13.50		54	107	20090
13.80		54	107	20090
14.00		54	107	20880
14.25		56	111	20880
14.29	9/16	56	111	20880
14.50		56	111	22710
14.75		56	111	24660
15.00		56	111	24660
15.08	19/32	58	115	24660
15.25		58	115	24660
15.50		58	115	26760
15.75		58	115	26760
15.87	5/8	58	115	26760
16.00		58	115	26760
16.25		60	119	26870
16.50		60	119	26870
16.67	21/32	60	119	26870
16.75		60	119	27460
17.00		60	119	27460
17.25		62	123	27940
17.46	11/16	62	123	27940
17.50		62	123	27950
17.75		62	123	28380
18.00		62	123	28380
18.25		64	127	28810
18.26	23/32	64	127	28810
18.50		64	127	28810
18.75		64	127	29320
19.00		64	127	29320
19.05	3/4	66	131	29320
19.25		66	131	29980
19.50		66	131	29980
19.75		66	131	29980

Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
19.84	25/32	66	131	29980
20.00		66	131	30350
20.25		68	136	31060
20.50		68	136	31060
20.64	13/16	68	136	31060
20.75		68	136	32260
21.00		68	136	32260
21.25		70	141	32610
21.43	27/32	70	141	32610
21.50		70	141	32610
21.75		70	141	34220
22.00		70	141	34220
22.22	7/8	70	141	34220
22.25		70	141	36360
22.50		72	146	36360
22.75		72	146	36880
23.00		72	146	36880
23.02	29/32	72	146	36880
23.25		72	146	38970
23.50		72	146	38970
23.75		75	151	38970
23.81	15/16	75	151	38970
24.00		75	151	43070
24.25		75	151	43070
24.50		75	151	43070
24.61	31/32	75	151	43070
24.75		75	151	47280
25.00		75	151	47280
25.25		78	156	47550
25.40	1	78	156	47550
25.50		78	156	53630
26.00		78	156	53630
26.19	1.1/32	78	156	54850
26.50		78	156	54850
26.99	1.1/16	81	162	55400
27.00		81	162	58500
27.50		81	162	58500
27.78	1.3/32	81	162	61810

HSS Straight Shank Stub Series Drill

To IS : 5100 / DIN : 1897 / BS: 328 / I.S.O.



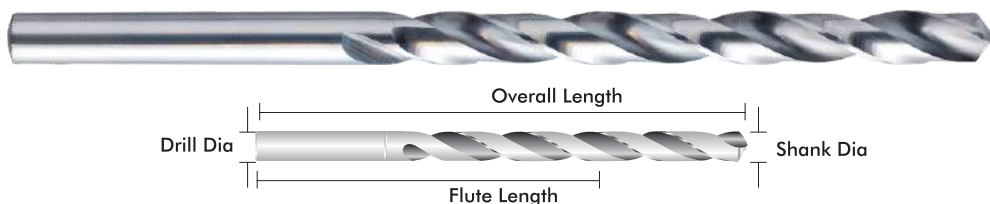
Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
28.00		81	162	61810
28.50		84	168	62360
28.57	1.1/8	84	168	62360
29.00		84	168	65480
29.37	1.5/32	84	168	71990
29.50		84	168	71990
30.00		84	168	72930
30.16	1.3/16	87	174	72930
30.50		87	174	82080
30.96	1.7/32	87	174	82080
31.00		87	174	82080
31.50		87	174	83270
31.75	1.1/4	90	180	83270
32.00		90	180	85530
32.50		90	180	87660
32.54	1.9/32	90	180	87660
33.00		90	180	87660
33.34	1.5/16	90	180	87660
33.50		90	180	92380
34.00		93	186	92380
34.13	1.11/32	93	186	101380
34.50		93	186	101380
34.92	1.3/8	93	186	101380
35.00		93	186	111380
35.50		93	186	113050
35.72	1.13/32	96	193	113050
36.00		96	193	113050
36.50		96	193	113050
36.51	1.7/16	96	193	113050
37.00		96	193	121450
37.31	1.15/32	96	193	123270
37.50		96	193	123270
38.00		100	200	123270
38.10	1.1/2	100	200	123270
38.50		100	200	137630
39.00		100	200	137630
39.50		100	200	140110
40.00		100	200	140110

Special notes:

1. Intermediate or non-listed sizes, price of the next larger listed size will be charged.
2. Quick Spiral or Slow Spiral drills upto sizes 3.17 mm (1/8") and sizes over 3.17 mm (1/8") will be charged 50% and 25% Extra respectively, subject to minimum ordering value worth Rs. 10,000/- per size.
3. All sizes upto dia 13.00mm to be can be ordered in multiple of 10 only.

Terms & Conditions:

1. Prices are F.O.R. Destination.
2. Prices are subject to revision without prior notice.
3. All legal proceedings are subject to Mumbai Jurisdiction.

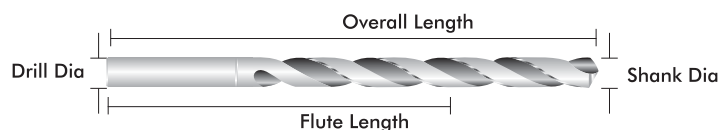


Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
1.00		33	56	483
1.10		37	60	483
1.19	3/64	41	65	483
1.20		41	65	483
1.30		41	65	483
1.40		45	70	483
1.50		45	70	483
1.59	1/16	50	76	483
1.60		50	76	483
1.70		50	76	483
1.80		53	80	483
1.90		53	80	483
1.98	5/64	56	85	483
2.00		56	85	483
2.10		56	85	483
2.20		59	90	483
2.30		59	90	605
2.38	3/32	62	95	605
2.40		62	95	605
2.50		62	95	605
2.60		62	95	605
2.70		66	100	605
2.78	7/64	66	100	605
2.80		66	100	605
2.90		66	100	605
3.00		66	100	605
3.10		69	106	605
3.17	1/8	69	106	605
3.20		69	106	605
3.30		69	106	605
3.40		73	112	605
3.50		73	112	605
3.57	9/64	73	112	605
3.60		73	112	605
3.70		73	112	657
3.80		78	119	657
3.90		78	119	657
3.97	5/32	78	119	657

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
4.00		78	119	657
4.10		78	119	657
4.20		78	119	657
4.30		82	126	657
4.37	11/64	82	126	657
4.40		82	126	657
4.50		82	126	657
4.60		82	126	657
4.70		82	126	657
4.76	3/16	87	132	657
4.80		87	132	657
4.90		87	132	755
5.00		87	132	755
5.10		87	132	755
5.16	13/64	87	132	755
5.20		87	132	755
5.30		87	132	879
5.40		91	139	879
5.50		91	139	879
5.56	7/32	91	139	879
5.60		91	139	980
5.70		91	139	980
5.80		91	139	980
5.90		91	139	980
5.95	15/64	91	139	980
6.00		91	139	980
6.10		97	148	1106
6.20		97	148	1106
6.30		97	148	1106
6.35	1/4	97	148	1106
6.40		97	148	1407
6.50		97	148	1407
6.60		97	148	1682
6.70		97	148	1682
6.75	17/64	102	156	1682
6.80		102	156	1682
6.90		102	156	1682
7.00		102	156	1682

HSS Straight Shank Long Series Drill

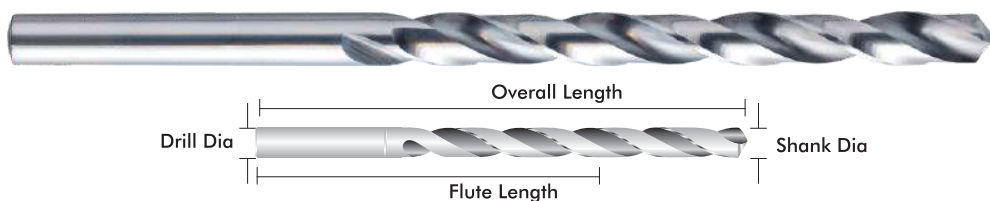
To IS : 5102 / DIN : 340 / BS: 328 / I.S.O.



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
7.10		102	156	1682
7.14	9/32	102	156	1682
7.20		102	156	1682
7.30		102	156	1682
7.40		102	156	1682
7.50		102	156	1682
7.54	19/64	109	165	1682
7.60		109	165	1682
7.70		109	165	1682
7.80		109	165	1682
7.90		109	165	1731
7.94	5/16	109	165	1731
8.00		109	165	1731
8.10		109	165	1731
8.20		109	165	1731
8.30		109	165	1731
8.33	21/64	109	165	1731
8.40		109	165	1731
8.50		109	165	1755
8.60		115	175	1834
8.70		115	175	1834
8.73	11/32	115	175	1834
8.80		115	175	2209
9.00		115	175	2209
9.13	23/64	115	175	2209
9.20		115	175	2209
9.50		115	175	2209
9.52	3/8	121	184	2209
9.80		121	184	2232
9.92	25/64	121	184	2232
10.00		121	184	2232
10.20		121	184	2232
10.32	13/32	121	184	2232
10.50		121	184	2408
10.72	27/64	128	195	2731
10.80		128	195	2731
11.00		128	195	2731
11.11	7/16	128	195	2731

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
11.20		128	195	2936
11.50		128	195	2936
11.51	29/64	128	195	2936
11.80		128	195	2936
11.91	15/32	134	205	2936
12.00		134	205	2936
12.20		134	205	2980
12.30	31/64	134	205	2980
12.50		134	205	2980
12.70	1/2	134	205	2980
12.80		134	205	4083
13.00		134	205	4083
13.10	33/64	134	205	4135
13.20		134	205	4135
13.49	17/32	140	214	4135
13.50		140	214	4135
13.80		140	214	4487
13.89	35/64	140	214	4487
14.00		140	214	4135
14.25		144	220	4135
14.29	9/16	144	220	4135
14.50		144	220	4335
14.68	37/64	144	220	4760
14.75		144	220	4335
15.00		144	220	4335
15.08	19/32	149	227	4335
15.25		149	227	4487
15.50		149	227	4487
15.75		149	227	4487
15.87	5/8	149	227	4487
16.00		149	227	4563
16.25		154	235	4563
16.27	41/64	154	235	5083
16.50		154	235	4659
16.67	21/32	154	235	4659
16.75		154	235	4760
17.00		154	235	4760
17.07	43/64	158	241	5159

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
17.25		158	241	4760
17.46	11/16	158	241	4760
17.50		158	241	5083
17.75		158	241	5083
17.86	45/64	158	241	5614
18.00		158	241	5159
18.25		162	247	5159
18.26	23/32	162	247	5159
18.50		162	247	5387
18.65	47/64	162	247	5909
18.75		162	247	5488
19.00		162	247	5488
19.05	3/4	166	254	5488
19.25		166	254	5787
19.45	49/64	166	254	6338
19.50		166	254	5787
19.75	25/32	166	254	5787
19.84		166	254	5787
20.00		166	254	6161
20.24	51/64	171	261	6537
20.25		171	261	6161
20.50		171	261	6161
20.64	13/16	171	261	6161
20.75		171	261	6338
21.00		171	261	6338
21.03	53/64	171	261	6941
21.25		176	268	6537
21.43	27/32	176	268	6537
21.50		176	268	6941
21.75		176	268	6941
21.83	55/64	176	268	7414
22.00		176	268	6941
22.22	7/8	176	268	6941
22.25		176	268	7488
22.50		180	275	7488
22.62	57/64	180	275	8015
22.75		180	275	7664
23.00		180	275	7664
23.02	29/32	180	275	7664
23.25		180	275	7790
23.42	59/64	180	275	9164
23.50		180	275	8517
23.75		185	282	8517
23.81	15/16	185	282	8517
24.00		185	282	8865
24.21	61/64	185	282	9690
24.25		185	282	8865
24.50		185	282	8865
24.61	31/32	185	282	8865

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
24.75		185	282	9518
25.00	63/64	185	282	9518
25.25		190	290	9645
25.40	1	190	290	9645
25.50		190	290	11870
25.75		190	290	11870
25.80	1.1/64	190	290	12118
26.00		190	290	12118
26.19	1.1/32	190	290	12118
26.25		190	290	13071
26.50		190	290	13071
26.59	1.3/64	195	298	13345
26.75		195	298	13345
26.99	1.1/16	195	298	13345
27.00		195	298	13621
27.25		195	298	13621
27.38	1.5/64	195	298	13772
27.50		195	298	13772
27.75		195	298	13772
27.78	1.3/32	195	298	13772
28.00		195	298	15049
28.18	1.7/64	201	307	15249
28.25		201	307	15249
28.50		201	307	15249
28.57	1.1/8	201	307	15249
28.75		201	307	15374
28.97	1.9/64	201	307	15677
29.00		201	307	15677
29.25		201	307	15677
29.37	1.5/32	201	307	15677
29.50		201	307	15874
29.75		201	307	15874
29.77	1.11/64	201	307	16196
30.00		201	307	16196
30.16	1.3/16	207	316	16196
30.25		207	316	17224
30.50		207	316	17224
30.56	1.13/64	207	316	17525
30.75		207	316	17525
30.96	1.7/32	207	316	17525
31.00		207	316	19506
31.25		207	316	19506
31.35	1.15/64	207	316	20205
31.50		207	316	20205

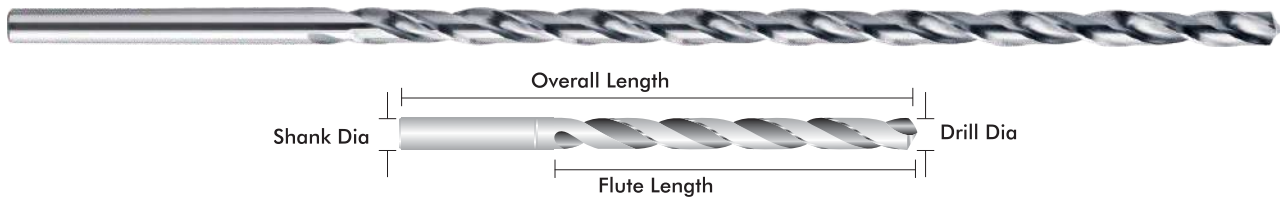
Special notes:

- Intermediate, unlisted sizes, price of the next larger listed size will be charged.
- Quick Spiral or Slow Spiral drills upto sizes 3.17 mm and sizes over 3.17 mm will be charged 70% and 35% Extra respectively.
- Long Series Drills with Tenon can be supplied at 10% extra for sizes upto 6.50 mm 5% extra for sizes over 6.50 mm.
- The minimum ordering value per size should be worth Rs. 10,000/-

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.

HSS Straight Shank Extra Long Series Drill

To IS : 7822 / DIN : 340 / BS: 328 / I.S.O.



Size		Over all Length in mm				
mm	inch	50	100	125	150	175
0.50		1433				
0.60		1329				
0.70	1/32		1305			
0.80		913				
0.90						
1.00			889			
1.10			889			
1.20	3/64		889			
1.30			889		1382	
1.40			889			
1.50			889	1173	1305	
1.60	1/16		838	1096	1305	
1.70			838	1123	1305	
1.80			838	1123	1305	
1.90				1123	1305	
2.00	5/64		1123	1123	1357	
2.10				1123	2032	
2.20				1123	1357	
2.30				1123	1357	
2.40	3/32			1123	1357	
2.50			1617	1617	1928	
2.60						
2.70				1592	1928	
2.80	7/64			1592	1928	
2.90						
3.00				1513	1825	2185
3.17	1/8				1825	2185
3.50	9/64				1904	2185
3.97	5/32				1799	2185
4.00				1799	1799	
4.50	11/64				1825	2264
4.76	3/16				1877	2290
5.00					1877	2290
5.50	13/64				1982	2421
5.56	7/32					
6.00	15/64				2032	2500
6.35	1/4					
9.00						

Size		Over all Length in mm							
mm	inch	200	225	250	275	300	325	350	375
2.50			3150						
2.60									
2.70									
2.80	7/64	2163							
2.90									
3.00		2500	2941	3513	4450	4893			
3.17		2500	2941	3513	4450	4893			
3.50		2526	3408	3773	4995	5496		6945	
3.97		2500	3408	3799	4995	5496	6288	6866	7698
4.00		2500	3408	3799	4995	5496	6288	6866	7698
4.50		2575	3408	3799	4995	5496	6417	7046	7852
4.76		2629	3487	3880	5018	5521	6544	7178	8008
5.00		2629	3487	3880	5018	5521	6544	7178	8008
5.50		2786	3722	4136	5540	6096	6585	7204	8060
5.56		2786		4136	5540	6096	6585	7204	8060
6.00		2836	3824	4241	5488	6038	6585		8060
6.35		3564		5303	5800	6378	8412	9230	10292
6.50		3564		5303	5800	6378	8412	9230	10292
7.00	17/64	3592		5358	6189	6808	8496	9360	10398
7.14	9/32	3799		5957	6838	7525	8923	9880	10916
7.50	19/64	3799		5668	6838	7525	8923	9880	10916
7.94	5/16	4189			7127	7838	9814	10916	12010
8.00		4189	4758	6266	7127	7838	9814	10916	12010
8.50	21/64	4136		5930	7204	7926	9823	10919	12022
8.73	11/32	4136		5877	7204	7926	9823	10919	12022
9.00		4112		5877	7204	7926	9875	10992	12082
9.50	23/64	4266		6113	7178	7898	10170	11422	12445
9.52	3/8	4266		6113	7359	8097	10170	11422	12445
10.00	25/64	4347		5982	7512	8265	10407	11749	12735
10.32	13/32	4706		6501	7906	8696	10649	12071	13034
10.50		4706		6501	7906	8696	10649	12071	13034
11.00	27/64			6447	8036	8841	10650	12067	13041
11.11	7/16			6447	8036	8841	10650	12067	13041
11.50	29/64			6866	8631	9494	10745	12269	13152
11.91	15/32			6890	8631	9494	10745	12322	13152
12.00				6890	8813	9695	10745	12322	13152
12.50	31/64			7303	8813	9695	11278	13053	13802
12.70	1/2				8813	9695	11278	13053	13802

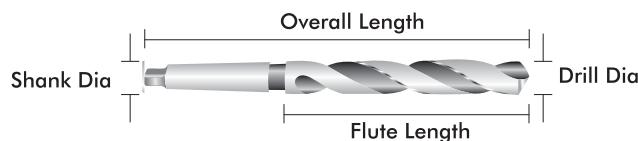
Special notes:

1. Intermediate, unlisted sizes (in Dia and Length) price of next larger listed size will be charged.
2. For sizes below dia 9.00 mm max. Flute length which can be provided is 350mm.
3. For specials and unlisted sizes please refer to us.
4. Minimum ordering value per size should be worth Rs. 15,000/- gross.
5. Other details will be mentioned as per IS 7822.

Terms & Conditions:

1. Prices are F.O.R. Destination.
2. Prices are subject to revision without prior notice.
3. All legal proceedings are subject to Mumbai Jurisdiction.

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.

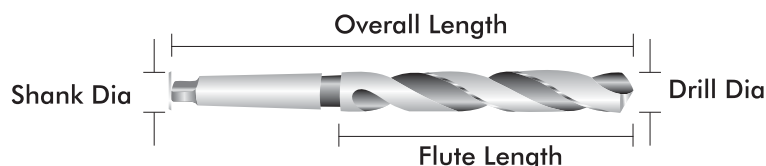


Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT1				
3.00		33	114	744
3.17	1/8	36	117	744
3.20		36	117	768
3.50		39	120	768
3.57	9/64	39	120	768
3.80		43	124	768
3.97	5/32	43	124	768
4.00		43	124	768
4.20		43	124	1000
4.37	11/64	47	128	1000
4.50		47	128	1000
4.76	3/16	52	133	1000
4.80		52	133	1000
5.00		52	133	1000
5.16	13/64	52	133	1000
5.20		52	133	1000
5.50		57	138	1000
5.56	7/32	57	138	1000
5.80		57	138	1000
5.95	15/64	57	138	1000
6.00		57	138	1000
6.20		63	144	1149
6.35	1/4	63	144	1149
6.50		63	144	1149
6.75	17/64	69	150	1149
6.80		69	150	1149
7.00		69	150	1217
7.14	9/32	69	150	1217
7.20		69	150	1217
7.50		69	150	1217
7.54	19/64	75	156	1217
7.80		75	156	1217
7.94	5/16	75	156	1217
8.00		75	156	1217
8.20		75	156	1380
8.33	21/64	75	156	1454
8.50		75	156	1454

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
8.73	11/32	81	162	1454
8.80		81	162	1529
9.00		81	162	1529
9.13	23/64	81	162	1529
9.20		81	162	1529
9.50		81	162	1529
9.52	3/8	87	168	1529
9.80		87	168	1637
9.92	25/64	87	168	1735
10.00		87	168	1684
10.20		87	168	1684
10.32	13/32	87	168	1684
10.50		87	168	2057
10.72	27/64	94	175	2140
10.80		94	175	2140
11.00		94	175	2140
11.11	7/16	94	175	2140
11.20		94	175	2140
11.50		94	175	2140
11.51	29/64	94	175	2140
11.80		94	175	2140
11.91	15/32	101	182	2299
12.00		101	182	2140
12.20		101	182	2140
12.30	31/64	101	182	2140
12.50		101	182	2140
12.70	1/2	101	182	2140
12.80		101	182	2140
13.00		101	182	2876
13.10	33/64	101	182	2997
13.20		101	182	2997
13.49	17/32	108	189	2997
13.50		108	189	3221
13.80		108	189	3221
13.89	35/64	108	189	3348
14.00		108	189	3348
MT2				
14.25		114	212	3507

HSS Taper Shank Twist Drill

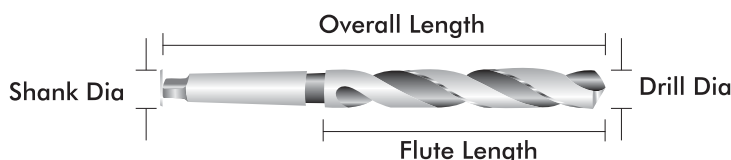
To IS : 5103 / DIN : 345 / BS: 328 / I.S.O.



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
14.29	9/16	114	212	3507
14.50		114	212	3665
14.68	37/64	114	212	3665
14.75		114	212	3665
15.00		114	212	3665
15.08	19/32	120	218	3874
15.25		120	218	3927
15.48	39/64	120	218	3927
15.50		120	218	3927
15.75		120	218	3927
15.87	5/8	120	218	3927
16.00		120	218	3952
16.25		125	223	3952
16.27	41/64	125	223	3952
16.50		125	223	4041
16.67	21/32	125	223	4041
16.75		125	223	4041
17.00		125	223	4041
17.07	43/64	130	228	4041
17.25		130	228	4041
17.46	11/16	130	228	4119
17.50		130	228	4274
17.75		130	228	4325
17.86	45/64	130	228	4674
18.00		130	228	4674
18.25		135	233	4674
18.26	23/32	135	233	4674
18.50		135	233	4674
18.65	47/64	135	233	4674
18.75		135	233	4674
19.00		135	233	4674
19.05	3/4	140	238	4674
19.25		140	238	4879
19.45	49/64	140	238	4879
19.50		140	238	4879
19.75		140	238	4879
19.84	25/32	140	238	4879
20.00		140	238	5148

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
20.24	51/64	145	243	5322
20.25		145	243	5322
20.50		145	243	5322
20.64	13/16	145	243	5322
20.75		145	243	5533
21.00		145	243	5533
21.03	53/64	145	243	5767
21.25		150	248	5767
21.43	27/32	150	248	5767
21.50		150	248	5850
21.75		150	248	5850
21.83	55/64	150	248	5953
22.00		150	248	5953
22.22	7/8	150	248	5953
22.25		150	248	6383
22.50		155	253	6383
22.62	57/64	155	253	6606
22.75		155	253	6606
23.00		155	253	6733
23.02	29/32	155	253	7085
MT3				
23.25		155	276	8045
23.42	59/64	155	276	8045
23.50		155	276	8045
23.75		160	281	8045
23.81	15/16	160	281	8045
24.00		160	281	8256
24.21	61/64	160	281	8256
24.25		160	281	8256
24.50		160	281	8417
24.61	31/32	160	281	8417
24.75		160	281	8790
25.00	63/64	160	281	8790
25.25		165	286	8897
25.40	1	165	286	8897
25.50		165	286	10152
25.75		165	286	10152
25.80	1.1/64	165	286	10091

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.

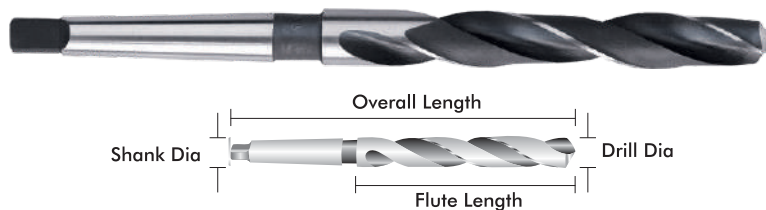


Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
26.00		165	286	10091
26.19	1.1/32	165	286	10091
26.25		165	286	10149
26.50		165	286	11322
26.59	1.3/64	170	291	10833
26.75		170	291	10833
26.99	1.1/16	170	291	11303
27.00		170	291	11303
27.25		170	291	11303
27.38	1.5/64	170	291	11303
27.50		170	291	11303
27.75		170	291	11303
27.78	1.3/32	170	291	11303
28.00		170	291	12237
28.18	1.7/64	175	296	12263
28.25		175	296	12263
28.50		175	296	12263
28.57	1.1/8	175	296	12263
28.75		175	296	13252
28.97	1.9/64	175	296	12848
29.00		175	296	12848
29.25		175	296	12848
29.37	1.5/32	175	296	12848
29.50		175	296	12897
29.75		175	296	12897
29.77	1.11/64	175	296	13280
30.00		175	296	12906
30.16	1.3/16	180	301	13888
30.25		180	301	14399
30.50		180	301	14399
30.56	1.13/64	180	301	14620
30.75		180	301	14620
30.96	1.7/32	180	301	14620
31.00		180	301	16292
31.25		180	301	16292
31.35	1.15/64	180	301	17000
31.50		180	301	17000
31.75	1.1/4	185	306	18321

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT4				
32.00		185	334	19150
32.15	1.17/64	185	334	19150
32.50		185	334	19150
32.54	1.9/32	185	334	19150
32.94	1.19/64	185	334	19604
33.00		185	334	19604
33.34	1.5/16	185	334	19604
33.50		185	334	20455
33.73	1.21/64	190	339	20838
34.00		190	339	20838
34.13	1.11/32	190	339	21521
34.50		190	339	22604
34.53	1.23/64	190	339	22831
34.92	1.3/8	190	339	22831
35.00		190	339	22831
35.32	1.25/64	190	339	23968
35.50		190	339	23968
35.72	1.13/32	195	344	23968
36.00		195	344	24323
36.12	1.27/64	195	344	24824
36.50		195	344	24824
36.51	1.7/16	195	344	24824
36.91	1.29/64	195	344	24824
37.00		195	344	25431
37.31	1.15/32	195	344	25431
37.50		195	344	27096
37.70	1.31/64	200	349	29101
38.00		200	349	29101
38.10	1.1/2	200	349	29101
38.50	1.33/64	200	349	29101
38.89	1.17/32	200	349	29101
39.00		200	349	30044
39.29	1.35/64	200	349	30044
39.50		200	349	30044
39.69	1.9/16	200	349	30044
40.00		200	349	30803
40.08	1.37/64	205	354	31332

HSS Taper Shank Twist Drill

To IS : 5103 / DIN : 345 / BS: 328 / I.S.O.



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
40.48	1.19/32	205	354	31332
40.50		205	354	32568
40.88	1.39/64	205	354	32568
41.00		205	354	32568
41.27	1.5/8	205	354	32568
41.50		205	354	33858
41.67	1.41/64	205	354	33858
42.00		205	354	34514
42.07	1.21/32	205	354	33858
42.47	1.43/64	205	354	34713
42.50		205	354	34713
42.86	1.11/16	210	359	35144
43.00		210	359	35973
43.26	1.45/64	210	359	35973
43.50		210	359	35973
43.66	1.23/32	210	359	35973
44.00		210	359	37238
44.05	1.47/64	210	359	37238
44.45	1.3/4	210	359	37238
44.50		210	359	37238
44.85	1.49/64	210	359	38115
45.00		210	359	38115
45.24	1.25/32	215	364	38115
45.50		215	364	39832
45.64	1.51/64	215	364	39832
46.00		215	364	39832
46.04	1.13/16	215	364	39832
46.43	1.53/64	215	364	41851
46.50		215	364	41851
46.83	1.27/32	215	364	41851
47.00		215	364	41851
47.23	1.55/64	215	364	42736
47.50		215	364	42736
47.62	1.7/8	220	369	42736
48.00		220	369	46596
48.02	1.57/64	220	369	46596
48.42	1.29/32	220	369	46596
48.50		220	369	46921

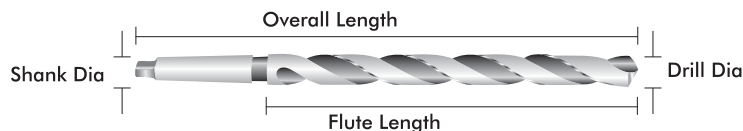
Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
48.82	1.59/64	220	369	46921
49.00		220	369	46921
49.21	1.15/16	220	369	46921
49.50		220	369	47426
49.61	1.61/64	220	369	47426
50.00		220	369	47426
50.01	1.31/32	225	374	47805
50.40	1.63/64	225	374	49950
50.50		225	374	49950
50.80	2	225	374	49950
MT5				
51.00		225	412	68492
51.50		225	412	68492
51.59	2.1/32	225	412	68492
52.00		225	412	68492
52.39	2.1/16	225	412	68492
52.50		225	412	95974
53.00		225	412	88265
53.18	2.3/32	230	417	88265
53.50		230	417	88265
53.97	2.1/8	230	417	88265
54.00		230	417	88265
54.50		230	417	92700
54.77	2.5/32	230	417	92700
55.00		230	417	92700
55.50		230	417	92700
55.56	2.3/16	230	417	92700
56.00		230	417	96610
56.36	2.7/32	230	417	96610
56.50		230	417	96610
57.00		235	422	96610
57.15	2.1/4	235	422	96610
57.50		235	422	105440
57.94	2.9/32	235	422	105440
58.00		235	422	105440
58.50		235	422	105440
58.74	2.5/16	235	422	105440
59.00		235	422	107460
59.50		235	422	107460
59.53	2.11/32	235	422	107460
60.00		235	422	107460

SIZE RANGE		MT NO.	INSTEAD OF MT NO.
MM	INCH		
11.8 to 14.0	15/32 to 35/64	2	1
18.0 to 23.0	23/32 to 29/32	3	2
26.5 to 31.75	1.3/64 to 1.1/4	4	3
40.0 to 50.80	1.37/64 to 2	5	4
63.0 to 66.67	2.1/2 to 2.5/8	6	5

Special notes:

1. Intermediate, unlisted sizes, price of the next larger listed size will be charged.
2. Quick Spiral or Slow Spiral drills will be charged 25% Extra.
3. Over size shank drills to IS:5104 in the following range 10% Extra will be charged.

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.

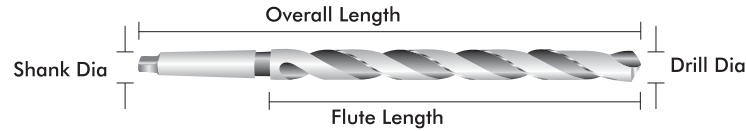


Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT1				
5.00		74	155	2299
5.16	13/64	74	155	2327
5.20		74	155	2351
5.50		80	161	2376
5.56	7/32	80	161	2376
5.80		80	161	2376
5.95	15/64	80	161	2376
6.00		80	161	2376
6.20		86	167	3114
6.35	1/4	86	167	3114
6.50		86	167	3114
6.75	17/64	93	174	3142
6.80		93	174	3163
7.00		93	174	3114
7.14	9/32	93	174	3449
7.20		93	174	3577
7.50		93	174	3114
7.54	19/64	100	181	3319
7.80		100	181	3498
7.94	5/16	100	181	3475
8.00		100	181	3449
8.20		100	181	3524
8.33	21/64	100	181	3449
8.50		100	181	3163
8.73	11/32	107	188	3548
8.80		107	188	3881
9.00		107	188	3524
9.13	23/64	107	188	3906
9.20		107	188	4289
9.50		107	188	3983
9.52	3/8	116	197	4237
9.80		116	197	4595
9.92	25/64	116	197	4367
10.00		116	197	4162
10.20		116	197	4595
10.32	13/32	116	197	4388
10.50		116	197	4213

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
10.72	27/64	125	206	4289
10.80		125	206	4388
11.00		125	206	4388
11.11	7/16	125	206	5177
11.20		125	206	4542
11.50		125	206	5177
11.51	29/64	125	206	4542
11.80		125	206	4542
11.91	15/32	134	215	5229
12.00		134	215	5944
12.20		134	215	5944
12.30	31/64	134	215	5944
12.50		134	215	5944
12.70	1/2	134	215	5972
12.80		134	215	5997
13.00		134	215	5997
13.10	33/64	134	215	6124
13.20		134	215	6278
13.49	17/32	142	223	6480
13.50		142	223	6708
13.80		142	223	6708
13.89	35/64	142	223	6708
14.00		142	223	6708
MT2				
14.25		147	245	8446
14.29	9/16	147	245	8955
14.50		147	245	8955
14.68	37/64	147	245	8774
14.75		147	245	8774
15.00		147	245	8955
15.08	19/32	153	251	8825
15.25		153	251	8877
15.48	39/64	153	251	8877
15.50		153	251	8877
15.75		153	251	8877
15.87	5/8	153	251	9103
16.00		153	251	9132
16.25		159	257	9132

HSS Taper Shank Twist Long Series Drill

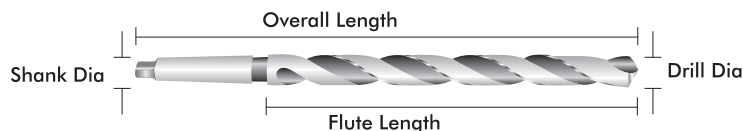
To IS : 8305 -1976



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
16.27	41/64	159	257	9437
16.50		159	257	9743
16.67	21/32	159	257	9743
16.75		159	257	9743
17.00		159	257	9743
17.07	43/64	165	263	9823
17.25		165	263	9899
17.46	11/16	165	263	10076
17.50		165	263	10252
17.75		165	263	10406
17.86	45/64	165	263	10612
18.00		165	263	10812
18.25		171	263	10812
18.26	23/32	171	269	10812
18.50		171	269	10812
18.65	47/64	171	269	10892
18.75		171	269	10940
19.00		171	269	10940
19.05	3/4	177	275	11226
19.25		177	275	11532
19.45	49/64	177	275	11532
19.50		177	275	11532
19.75		177	275	11532
19.84	25/32	177	275	11017
20.00		177	275	10536
20.24	51/64	184	282	10612
20.25		184	282	10688
20.50		184	282	10688
20.64	13/16	184	282	10915
20.75		184	282	11149
21.00		184	282	11149
21.03	53/64	184	282	12319
21.25		191	289	13517
21.43	27/32	191	289	13719
21.50		191	289	13899
21.75		191	289	13899
21.83	55/64	191	289	14056
22.00		191	289	14179

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
22.22	7/8	191	289	14814
22.25		191	289	15454
22.50		198	296	15507
22.62	57/64	198	296	15657
22.75		198	296	15809
23.00		198	296	15809
23.02	29/32	198	296	16982
MT3				
23.25		198	319	18132
23.42	59/64	198	319	18361
23.50		198	319	18616
23.75		206	327	18717
23.81	15/16	206	327	18998
24.00		206	327	19254
24.21	61/64	206	327	19433
24.25		206	327	19613
24.50		206	327	19613
24.61	31/32	206	327	20043
24.75		206	327	20477
25.00	63/64	206	327	20477
25.25		214	335	20887
25.40	1	214	335	20097
25.50		214	335	19306
25.75		214	335	19306
26.00		214	335	19507
26.19	1.1/32	214	335	20197
26.25		214	335	20910
26.50		214	335	20910
26.75		222	343	25296
26.99	1.1/16	222	343	25726
27.00		222	343	26137
27.25		222	343	26137
27.50		222	343	26213
27.75		222	343	26213
27.78	1.3/32	222	343	27438
28.00		222	343	28662
28.25		230	351	28917
28.50		230	351	28917

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
28.57	1.1/8	230	351	29348
28.75		230	351	29807
29.00		230	351	30293
29.25		230	351	30293
29.37	1.5/32	230	351	30344
29.50		230	351	30394
29.75		230	351	30394
30.00		230	351	31032
30.16	1.3/16	239	360	30646
30.25		239	360	30262
30.50		239	360	30262
30.75		239	360	30752
30.96	1.7/32	239	360	30471
31.00		239	360	30191
31.25		239	360	30191
31.50		239	360	31516
31.75	1.1/4	248	369	31771
MT4				
32.00		248	397	34296
32.50		248	397	38858
32.54	1.9/32	248	397	39317
33.00		248	369	39802
33.34	1.5/16	348	369	40490
33.50		248	369	41152
34.00		257	406	42249
34.13	1.11/32	257	406	41536
34.50		257	406	40822
34.92	1.3/8	257	406	40999
35.00		257	406	41207
35.50		257	406	43678
35.72	1.13/32	267	416	44877
36.00		267	416	46074
36.50		267	416	47017
36.51	1.7/16	267	416	47607
37.00		267	416	48190
37.31	1.15/32	267	416	49748
37.50		267	416	51299
38.00		277	426	51070

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
38.10	1.1/2	277	426	51857
38.50		277	426	52652
38.89	1.17/32	277	426	54209
39.00		277	426	55761
39.50		277	426	55761
39.69	1.9/16	277	426	56474
40.00		277	426	57191
40.48	1.19/32	287	436	59101
40.50		287	436	61015
41.00		287	436	61015
41.27	1.5/8	287	436	62212
41.50		287	436	63412
42.00		287	436	63412
42.07	1.21/32	287	436	64229
42.50		287	436	65041
42.86	1.11/16	298	447	66569
43.00		298	447	68125
43.50		298	447	68125
43.66	1.23/32	298	447	69328
44.00		298	447	70525
44.45	1.3/4	298	447	70525
44.50		298	447	70525
45.00		298	447	72183
45.24	1.25/32	310	459	74298
45.50		310	459	76415
46.00		310	459	76415
46.04	1.13/16	310	459	81514
46.50		310	459	85617
46.83	1.27/32	310	459	85617
47.00		310	459	85617
47.50		310	459	87402
47.62	1.7/8	321	470	91838
48.00		321	470	96274
48.42	1.29/32	321	470	96631
48.50		321	470	96985
49.00		321	470	96985
49.21	1.15/16	321	470	96833
49.50		321	470	96705
50.00		321	470	96705

Special notes:

- Intermediate, unlisted sizes, price of the next larger listed size will be charged.
- Minimum ordering value per size should be worth Rs. 10,000/- gross.

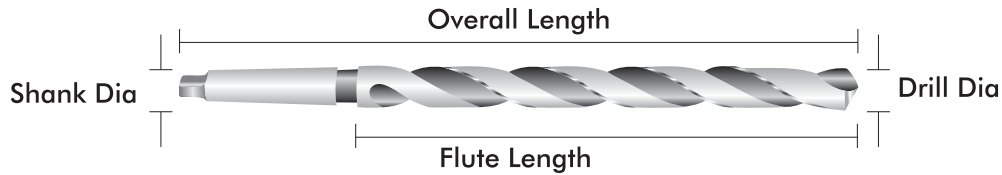
Terms & Conditions:

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- Prices are subject to revision without prior notice.
- All legal proceedings are subject to Mumbai Jurisdiction.

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.

HSS Taper Shank Twist Extra Long Series Drill

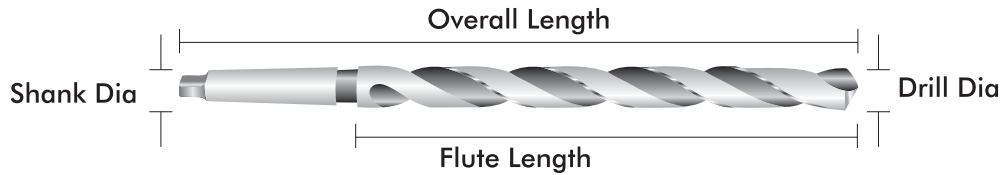
To IS : 7822 / DIN : 328



Size		Over all Length in mm			
mm	inch	200	225	250	275
3.00	1/8	3262	3869	4291	4718
3.50		3262	4001	4450	4904
4.00	5/32	3154	3869	4319	4743
4.50		3761	4213	4692	5666
5.00	3/16	3601	4052	4506	5454
5.50		3473	4291	4771	5268
6.00		3473	4291	4771	5268
6.35	1/4	3895	4373	4848	5883
6.50		3895	4373	4848	5883
7.00		3736	4187	4663	5639
7.50		4107	4610	5140	6145
7.94	5/16	3949	4424	4929	5907
8.00		3949	4424	4929	5907
8.50		4052	4555	5061	6063
9.00		4267	4795	5323	6408
9.50		4267	4795	5323	6408
9.52	3/8	4398	4795	5323	6408
10.00		4319	4848	5402	6486
10.50		5218	5850	6514	7175
11.00		5192	5850	6486	7152
11.11	7/16	5376	6038	6698	7388
11.50		5376	6038	6698	7388
12.00			5850	6514	7888
12.50			5850	6514	7888
12.70	1/2		5850	6514	7888
13.00				7711	9956
13.50				8286	10723
14.00				8286	10723
14.29	9/16			9294	10221
14.50				9294	10221
15.00				9294	10221
15.50				9214	10087
15.87	5/8			9427	10380
16.00				9480	10380
16.50				10112	10828
17.00				10112	10828

Size		Over all Length in mm				
mm	inch	300	315	325	350	375
3.00	1/8	5268		6332		
3.50		5564	5564	6620		
4.00	5/32	5376	5376	6408		
4.50		6332	6332	6859		
5.00	3/16	6091	6091	6596		
5.50		5850	5850	7070		
6.00		5850	5850	7070	7281	
6.35	1/4	6543	6543			
6.50		6543	6543	7888		
7.00		6304	6304	8338		
7.50		6994	6994	8338		
7.94	5/16	6729	6729	7994		
8.00		6729	6729	7994		
8.50		6911	6911	8206		
9.00		7255	7255	8658		
9.50		7255	7255	8658		
9.52	3/8	7255	7255	8658		
10.00		7361	7361	8765	9451	11042
10.50		7811	7811	10245	10245	12206
11.00		7787	7787	9505	10221	12178
11.11	7/16	8050	8050	9823	10561	12574
11.50		8050	8050	9823	10561	12574
12.00		8790	8790	10591	10275	13448
12.50		8790	8790	10591	11411	13448
12.70	1/2	8790	8790	10591	11411	13448
13.00		10881	10881	11780	12680	15301
13.50		11702	11702	12680	13659	16437
14.00		11702	11702	12680	13659	16095
14.29	9/16	11145	11145	13289	14322	16731
14.50		11145	11145	13289	14322	14322
15.00		11145	11145	13289	14322	16731
15.50		11015	11015	13105	14139	16495
15.87	5/8	11331	11331	13501	14538	16994
16.00		11331	11331	13501	14538	16994
16.50		11809	11809	14058	15143	17709
17.00		11809	11809	14058	15143	17709

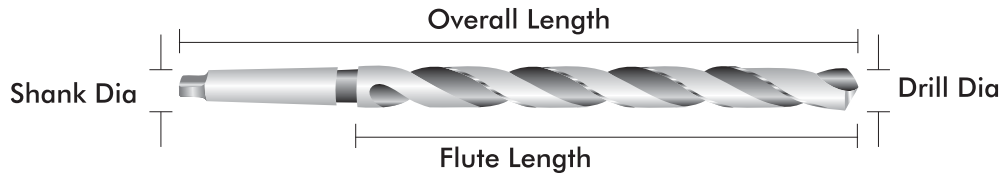
MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.



Size		Over all Length in mm				
mm	inch	300	315	325	350	375
17.45	11/16	12125	12125	14457	15567	18185
17.50		12125	12125	14457	15567	18185
18.00		12522	12522	14931	16070	18766
18.50		12522	12522	14931	16070	18766
19.00		12680	12680	15090	16253	19005
19.05	3/4	12680	12680	15090	16253	19005
19.50		13028	13028	15541	16731	19561
20.00		14006	14006	15249	16332	19272
20.50		13901	13901	15065	16198	19084
20.64	13/16	14480	14480	15699	16893	19908
21.00		14480	14480	15699	16893	19908
21.50		14984	14984	16253	17499	20622
22.00		15277	15277	16545	17816	20991
22.22	7/8	16309	16309	17656	19032	20382
22.50		16309	16309	17656	19032	20382
23.00		16627	16627	18026	19403	20780
23.50		18159	18159	19669	21178	22686
23.81	15/16	18345	18345	19877	21388	22922
24.00		18345	18345	19877	21388	22922
24.50		18662	18662	20226	21760	23320
25.00			21122	22738	24378	
25.40	1			22738	26363	
25.50				24617	26363	
26.00				24884	26656	
26.50				26656	28562	
26.99	1.1/16			27688	29671	
27.00				27688	29671	
27.50				27767	29750	
28.00				30361	32529	
28.50				29939	32079	
28.57	1.1/8			29939	32079	
29.00				31340	33590	
29.50				31471	33722	
30.00				32131	34411	
30.16	1.3/16			32131	34411	
31.00				32503	34835	

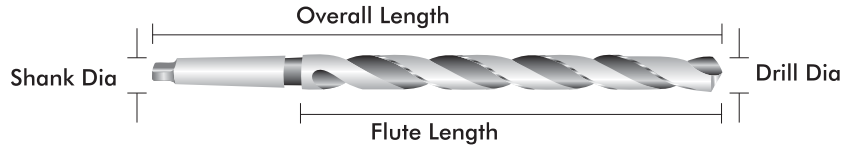
HSS Taper Shank Twist Extra Long Series Drill

To IS : 7822 / DIN : 328



Size		Over all Length in mm				
mm	inch	400	425	450	475	500
10.00		11780				
10.50		13028				
11.00		12973				
11.11	7/16	13423				
11.50		13423				
12.00		12511				
12.50		14322				
12.70	1/2	14322				
13.00		14824				
13.50		17552				
14.00		17153		22581		
14.29	9/16	17841	21332			
14.50		17841	21332	22581	28244	29750
15.00		17841	21332	22581	28244	29750
15.50		17603	21046	22288	27873	29327
15.87	5/8	18105	21652	22922	28665	30176
16.00		18105	21652	22922	28665	30176
16.50		18873	22553	23903	29884	31471
17.00		18873	22553	24566	30733	31471
17.45	11/16	19403	23217	24566	30733	32346
17.50		19403	23217	24566	30733	32346
18.00		20040	23956	25361	31711	33381
18.50		20040	23956	25361	31711	33381
19.00		20275	24217	25651	32079	33777
19.05	3/4	20275	24217	25651	32079	33777
19.50		20859	24935	26393	33009	34757
20.00		20541	23825	25227	32163	33858
20.50		20382	23614	24988	31897	33565
20.64	13/16	21254	24617	26076	33245	34994
21.00		21254	24617	26076	33245	34994
21.50		21970	25491	26997	34411	36237
22.00		22396	25968	27476	35045	36900
22.22	7/8	21731	25410	26892	30996	32611
22.50		21731	25410	26892	30996	32611
23.00		22183	25915	27451	31606	33245
23.50		24193	28296	29963	34489	36314
23.81	15/16	24457	28562	30256	34835	36661
24.00		24457	28562	30256	34835	36661
24.50		24884	29750	31497	36924	38885
25.00		25995	30386	32163	37029	38992
25.40	1	28136	32874	34807	40101	42193
25.50		28136	32874	34807	40101	42193

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.



Size		Over all Length in mm					
mm	inch	400	425	450	475	500	525
26.00		28430	33245	35200	40523	42669	
26.50		30467	32372	34279	39809	41900	
26.99	1.1/16	31634	33618	35576	41317	43492	
27.00		31634	33618	35576	41317	43492	
27.50		31735	33722	35708	41447	43648	
28.00		34702	38722	40973	45315	47698	
28.50		34224	38167	40417	44680	47037	
28.57	1.1/8	34224	38167	40417	44680	47037	
29.00		35813	39970	42323	46798	49260	
29.50		35970	40128	42482	46980	49442	
30.00		36711	40973	43383	47959	50475	
30.16	1.3/16	36711	40973	43383	47959	50475	
31.00		37137	41925	44389	46851	49336	
31.75	1.1/4	37137	41925	44389	46851	49336	
32.00		38247	43174	45707	48279	50795	62756
33.00		39173	44202	46822	49416	52012	64265
33.34	1.5/16	39173	44202	46822	49416	56007	64265
34.00		40684	45922	48626	51322	54021	66752
34.92	1.3/8	44944	47747	50580	56717	60693	62676
35.00		44944	47747	50580	56717	59711	62676
36.00		45977	48861	51745	61882	65139	68391
36.51	1.7/16	48093	51112	54099	64712	65348	71541
37.00		48093	51112	54099	64712	68126	71541
38.00		49787	52884	56007	66991	70538	74058
38.10	1.1/2	49787	52884	56007	66991	67811	74058
39.00		54551	57753	61168	68869	72496	80861
40.00		55771	59236	62730	70616	74350	82950
41.00						77495	
41.27	1.5/8					77495	
42.00						80513	
43.00						84379	
44.00						87346	
44.45	1.3/4					89405	
45.00						89405	
45.50	1.13/16					92190	
46.00						92190	
47.00						96821	
47.62	1.7/8					106321	
48.00						106321	
49.00	1.15/16					107114	
50.00						106797	

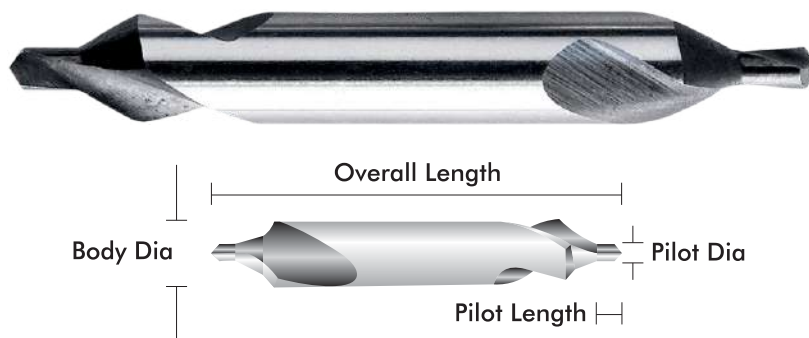
Special notes:

1. Intermediate, unlisted sizes (in Dia and Length) price of next larger listed size will be charged.
2. All sizes (in Dia and Length) should be ordered in multiples of 5 upto dia 25.40 mm.
3. Minimum ordering value per size should be worth Rs. 15,000 /- gross.
4. For specials and unlisted sizes please refer to us.
5. Other details will be maintained as per IS:7822

Terms & Conditions:

1. Prices are F.O.R. Destination.
2. Prices are subject to revision without prior notice.
3. All legal proceedings are subject to Mumbai Jurisdiction.

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.



TYPE 'A' AS PER IS-6708/1977

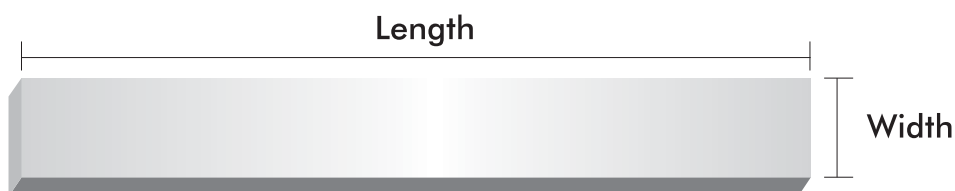
Pilot Dia mm k 12	Body Dia mm h9	Pilot Length mm				Price 1 N
		Max.	Min.	Max.	Min.	
1.00	3.15	33.5	29.5	1.9	1.3	436
1.25	3.15	33.5	29.5	2.2	1.6	436
1.60	4.00	37.5	33.5	2.8	2.0	436
2.00	5.00	42.0	38.0	3.3	2.5	436
2.50	6.30	47.0	43.0	4.1	3.1	486
3.15	8.00	52.0	48.0	4.9	3.9	712
4.00	10.00	59.0	53.0	6.2	5.0	889
5.00	12.50	66.0	60.0	7.5	6.3	1472

TYPE 'B' AS PER IS-6709/1977

Pilot Dia mm k 12	Body Dia mm h9	Overall Length mm		Pilot Length mm		Price 1 N
		Max.	Min.	Max.	Min.	
1.60	6.30	47	43	2.8	2.0	861
2.00	8.00	52	48	3.3	2.5	1236
2.50	10.00	59	53	4.1	3.1	1557
3.15	11.20	63	57	4.9	3.9	2061
4.00	14.00	70	64	6.2	5.0	2453

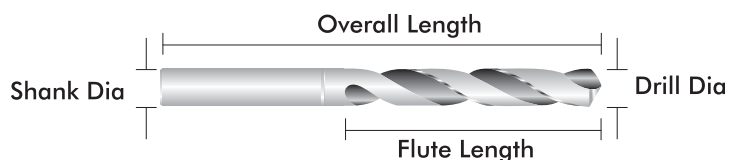
AS PER B.S. 328 (PART 2)

Size	Pilot Dia Inch	Body Dia Inch	Pilot Length Inch		OAL Inch	Tolerance on Overall Length	Price 1 N
			Max.	Min.			
BS 1	3/64	1/8	5/64	1/16	1.1/2	± 1/32	436
BS 2	1/16	3/16	3/32	5/64	1.3/4	± 1/33	436
BS 3	3/32	1/4	5/32	1/8	2	± 1/16	486
BS 4	1/8	5/16	3/16	5/32	2.1/4	± 1/16	756
BS 5	3/16	7/16	9/32	1/4	2.1/2	± 3/32	952
BS 6	1/4	5/8	0.375	0.312	3.093	2.906	1608



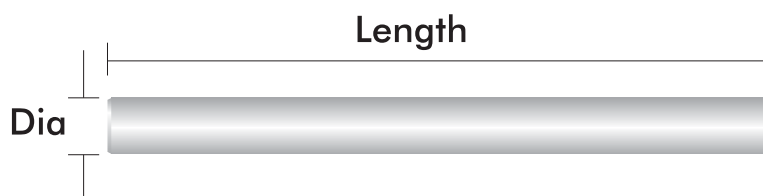
Size in Inch	Size in MM	Price (RS.) Each			
		JK (KT-0)	JK (KT-5)	JK (KT-8)	JK (KT-10)
3/16 x 3	5 x 75	197	345	439	460
3/16 x 4	5 x 100	249	513	657	679
3/16 x 6	5 x 150	388	936	1403	1419
1/4 x 3	6 x 75	215	449	593	614
1/4 x 4	6 x 100	267	597	788	811
1/4 x 6	6 x 150	376	979	1310	1337
5/16 x 3	8 x 75	237	576	769	788
5/16 x 4	8 x 100	326	811	1076	1095
5/16 x 6	8 x 150	532	1275	1705	1726
3/8 x 3	10 x 75	306	681	921	941
3/8 x 4	10 x 100	355	891	1224	1245
3/8 x 6	10 x 150	575	1426	1945	1967
3/8 x 8	10 x 200	782	2016	2796	2816
1/2 x 3	12 x 75	449	1065	1488	1531
1/2 x 4	12 x 100	589	1426	1945	1990
1/2 x 6	12 x 150	914	2188	3077	3124
1/2 x 8	12 x 200	1188	3057	4300	4344
5/8 x 4	16 x 100	934	2336	3297	3341
5/8 x 6	16 x 150	1437	3523	4824	4886
5/8 x 8	16 x 200	1827	4817	6767	6852
3/4 x 4	20 x 100	1250	3268	4539	4585
3/4 x 6	20 x 150	1972	4881	6656	6721
3/4 x 8	20 x 200	2630	6534	9100	9209
1 x 6	25 x 150	3293	8102	11147	11282
1 x 8	25 x 200	4478	10799	14879	15032

Super Granit Masonry Bit & Masonry Bit



Size		Length		Standard Masonry Drills Price (Rs.) Each	Super Granite Masonry Drills Price (Rs.) Each
inch	mm	flute	overall		
1/8	3.00	33	67	142	241
5/32	4.00	40	78	156	271
3/16	5.00	45	88	168	288
7/32	5.50	50	88	203	337
15/64	6.00	54	102	224	386
1/4	6.50	54	102	199	386
9/32	7.00	55	108	385	449
5/16	8.00	64	118	385	586
11/32	9.00	78	135	443	758
3/8	10.00	78	135	443	758
7/16	11.00	82	148	554	943
15/32	12.00	85	152	554	943
1/2	13.00	85	152	554	943
Masonry Bit Set (1/8 - 3/8) (5 pc)					1260
Masonry Bit Set 4.00 to 10.00 mm (5 pc) (E-Com)					1300

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.



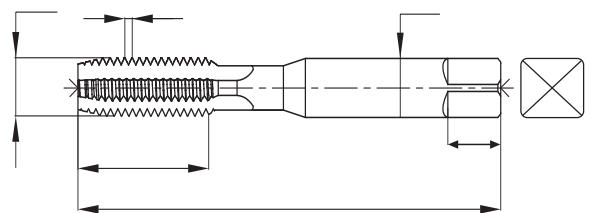
Size - Diameter		dg/lg	Price (Rs.) 10 Pcs
mm	inch		
0.50 to 0.69			1330
0.70 to 0.79			1330
0.80 to 0.89	1/32		1330
0.90 to 0.99			1330
1.00 to 1.60	3/64, 1/16	61 to 53	740
1.61 to 2.78	5/64, 3/32, 7/64	52 to 36	780
2.79 to 3.00		35 to 32	810
3.05 to 3.17	1/8	31	970
3.20 to 3.57	9/64	30 to 28	980
3.60 to 4.00	5/32	27 to 22	1210
4.04 to 4.40	11/64	21 to 17	1380
4.50 to 4.80	3/16	16 to 12	1970
4.85 to 5.20	13/64	11 to 6	1960
5.22 to 5.60	7/32	5 to 8	2080
5.61 to 6.00	15/64	2, 1 & A	2330
6.04 to 6.40	1/4	B to E	2560
6.50 to 6.80	17/64	F to H	3220
6.90 to 7.20	9/32	I to K	3750
7.30 to 7.50		L to M	4170
7.54 to 7.90	19/64	N	4280
7.94 to 8.20	5/16	O & P	4710
8.30 to 8.70	21/64	Q & R	5670
8.73 to 9.09	11/32	S & T	5860
9.10 to 9.50	23/64	U	6190
9.52 to 9.80	3/8	V & W	6940
9.90 to 10.20	25/64	X	8010
10.26 to 10.60	13/32	Y & Z	8480
10.70 to 11.00	27/64		8940
11.10 to 11.40	7/16		10010
11.50 to 11.80	29/64		10530
11.90 to 12.20	15/32		11290
12.30 to 12.60	31/64		11870
12.70 to 13.00	1/2		12510

- Use the shortest drill possible for the specific applications as Longer drills are :
 1. More costly
 2. Break easily
 3. Drill bell mouthed holes
- Avoid the tendency to over speed and under feed as Excessive speed causes:
 1. Premature outer corner drill wear
 2. Material work hardening
 3. Long, stringy chips
 4. Reduced drill life
 5. Increased cost per hole
- Optimising feed rate:
 1. Helps break up chips
 2. Reduces premature outer corner drill wear
 3. Reduces material work hardening
 4. Extends drill life
 5. Reduces cost per hole
- Use split point drills for drilling alloy materials as it benefits:
 1. Start at the point of contact (self-centering)
 2. Drill with less torque and thrust
 3. Break up chips
- A hole of three drill diameters or deeper should be considered a deep hole. Therefore, you should peck drill just enough to prevent chips from packing in the flutes, because chip clogging is the major cause of drill breakage.
- When drilling harder materials (i.e. above HRC 35) :
 1. Reduce speeds and feeds to prevent points from burning and drilling breakage.
 2. Use cobalt drills as their higher hardness and heavy-duty construction are designed for drilling harder-materials.

- Use steam tempered. The black oxide surface laser holds the coolants and lubricates to the surface of the drill retarding material build-up. This treatment also improves toughness.
- You should Novrease speeds and feeds as follows:

Speed and feed Reduction (Based upon hole depth)		
Holes Depth To Diameter Ratio (times drill diameter)	Speed Reduction	Feed Reduction
3	10%	10%
4	20%	10%
5	30%	20%
6	35-40%	20%

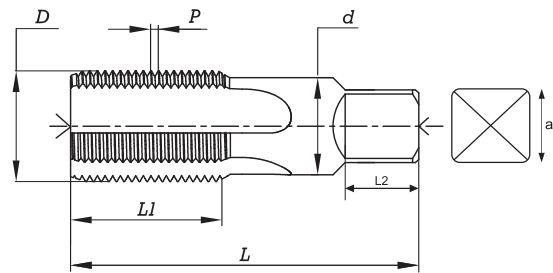
- Use coolant whenever possible, this will keep the drill cooler. Chip welding and breakage are also reduced. Coolant helps the drill to last and will give the drill a better chance of operating without failing.
- Chips should be short and broken up.
- Keep drills sharp! Sharp drills perform better and last longer. Sharp drills also increase productivity and have a reduced tendency to break.
- Chuck drill on shank area only, not in the flute area



Taps Size	Standard Taps		SPPT	SPPT Tin	Spiral Flute	Spiral Flute Tin	Long Shank A, C & D	Long Shank Type B
	Price / Each	Price / Set	Price / Each	Price / Each	Price / Each	Price / Each	Price / Each	Price / Each
M3X0.5	432	1297	501	699	633	736	948	1120
M3.5X0.6	432	1297	538		633	736	948	1120
M4X0.7	432	1297	538	699	633	736	948	1120
M4.5X0.75	460	1380	571		674	784	948	1120
M5X0.8	460	1380	571	736	685	775	666	828
M6X1.0	460	1380	571	736	685	775	718	889
M7X1.0	587	1761	693				823	968
M8X1.25	593	1778	709	1061	959	1144	839	1037
M9X1.25	670	2009	816				979	1211
M10X1.5	718	2153	875	1346	1212	1441	1049	1297
M11X1.5	1036	3108	1250				1376	1735
M12X1.75	1036	3108	1250	1651	1520	1816	1376	1735
M14X2.0	1483	4449	1794	2361	2307	2677		
M16X2.0	1511	4533	1828	2472	2341	2804		
M18X2.5	2302	6905	2785	3597	3128	3597		
M20X2.5	2916	8749	3529	4646	4648	5265		
M22X2.5	3149	9448	3811	4954	4760	5393		
M24X3.0	3488	10463	4220	5486	5018	5807		

Terms & Conditions:

- These are the current prices and supersede all previous price-Lists.
- Prices are subject to alteration without notice and all pending orders, if any, will be invoiced at the rates ruling on the date of delivery.
- All Legal Proceeding are subject to Mumbai Jurisdiction.



Taps Size	TPI				Price/Unit for BSW, UNC, UNF	TPI	Price/Unit for BSP
	UNC	UNF	BSW	BSF			
1/8	40		40		454	28	727
3/16	24		24	32	454		
1/4	20	28	20	26	461	19	1113
5/16	18	24	18	22	534		
3/8	16	24	16	20	637	19	1426
7/16	14	20	14	18	828		
1/2	13	20	12	16	1044	14	2369
9/16	12	18	12	16	1504		
5/8	11	18	11	14	1504	14	2498
3/4	10	16	10	12	2315	14	3517
7/8	9	14	9	11	3092		
1	8	12	8	10	4004	11	5519

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Taps Size	Standard Taps	SPPT	SPPT Tin	Spiral Flute	Spiral Flute Tin
M 4X0.35	739	886	1133	872	977
M 4X0.5	739	886	1133	872	977
M 4X0.75	675	858	1098	791	900
M 5X0.5	725	867	1110	898	988
M 5X0.75	725	867	1110	898	988
M 6X0.75	725	867	1110	884	990
M 8X1.0	812	971	1242	1015	1177
M 9X1.0	933	1192	1525	1120	1309
M 10X1.0	922	1116	1456	1198	1402
M 10X1.25	922	1116	1456	1198	1390
M 12X1.0	1410	1595	1786	1791	2060
M 12X1.25	1410	1595	1790	1791	2060
M 12X1.5	1410	1595	1790	1748	2028
M 14X1.5	1755	2112	2387	2247	2629
M 14X1.25	1848	2227	2494	2365	2744
M 14X1.0	1809	2175	2436	2351	2727
M 16X1.5	1789	2153	2472	2325	2720
M 16X1.0	1844	2216	2527	2378	2782

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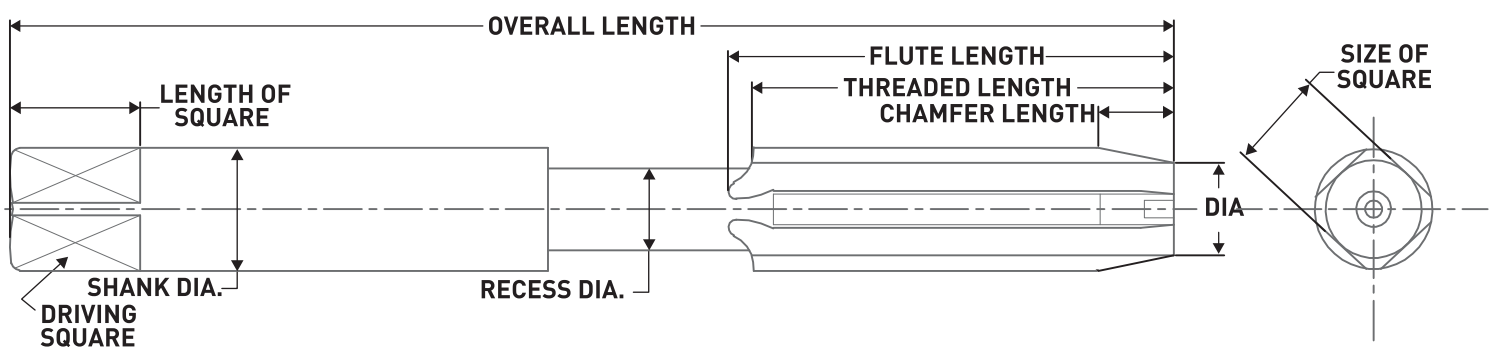
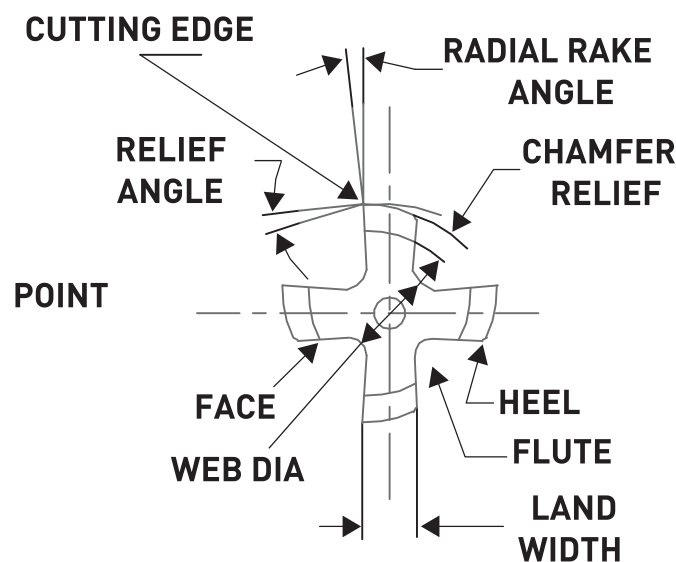
These are straight flute general purpose taps which can be used for both machine or hand tapping. They are generally the most economical tool for use on production runs, but are best on materials that produce chips, or where the swarf breaks readily. Where deep holes are to be tapped, in materials which produce stringy swarf, other types of taps may be needed, especially for coarse threads.

Hand taps can be supplied in sets of three; bottom, second and taper leads, or individually.

BOTTOM TAPS have a chamfer (lead) of 1–2 threads, the angle of the lead being around 18 degrees per side. They are used to produce threads close to the bottom of blind holes.

SECOND TAPS have a lead of 3-5 threads at 8 degrees per side. They are the most popular and can be used for through holes, or blind holes where the thread does not need to go right to the bottom.

TAPER TAPS have a lead of 7-10 threads at 5 degrees per side. The taper lead distributes the cutting force over a large area, and the taper shape helps the thread to start. They can therefore be used to start a thread prior to use of second or bottom leads, or for through holes.





Sr. No.	Description	Item Codes	M.R.P.
1	Carbide Tipped Annular Cutter 12*35	JKSDAC1235C	2962
2	Carbide Tipped Annular Cutter 13*35	JKSDAC1335C	2962
3	Carbide Tipped Annular Cutter 14*35	JKSDAC1435C	2962
4	Carbide Tipped Annular Cutter 15*35	JKSDAC1535C	2962
5	Carbide Tipped Annular Cutter 16*35	JKSDAC1635C	2962
6	Carbide Tipped Annular Cutter 17*35	JKSDAC1735C	2962
7	Carbide Tipped Annular Cutter 18*35	JKSDAC1835C	2962
8	Carbide Tipped Annular Cutter 19*35	JKSDAC1935C	2962
9	Carbide Tipped Annular Cutter 20*35	JKSDAC2035C	2962
10	Carbide Tipped Annular Cutter 21*35	JKSDAC2135C	2962
11	Carbide Tipped Annular Cutter 22*35	JKSDAC2235C	2962
12	Carbide Tipped Annular Cutter 23*35	JKSDAC2335C	2962
13	Carbide Tipped Annular Cutter 24*35	JKSDAC2435C	2962
14	Carbide Tipped Annular Cutter 25*35	JKSDAC2535C	2962
15	Carbide Tipped Annular Cutter 26*35	JKSDAC2635C	3304
16	Carbide Tipped Annular Cutter 27*35	JKSDAC2735C	3190
17	Carbide Tipped Annular Cutter 28*35	JKSDAC2835C	3190
18	Carbide Tipped Annular Cutter 29*35	JKSDAC2935C	3190
19	Carbide Tipped Annular Cutter 30*35	JKSDAC3035C	3696
20	Carbide Tipped Annular Cutter 31*35	JKSDAC3135C	3988

Sr. No.	Description	Item Codes	M.R.P.
21	Carbide Tipped Annular Cutter 32*35	JKSDAC3235C	3988
22	Carbide Tipped Annular Cutter 33*35	JKSDAC3335C	3988
23	Carbide Tipped Annular Cutter 34*35	JKSDAC3435C	3988
24	Carbide Tipped Annular Cutter 35*35	JKSDAC3535C	3988
25	Carbide Tipped Annular Cutter 36*35	JKSDAC3635C	4557
26	Carbide Tipped Annular Cutter 37*35	JKSDAC3735C	4557
27	Carbide Tipped Annular Cutter 38*35	JKSDAC3835C	4557
28	Carbide Tipped Annular Cutter 39*35	JKSDAC3935C	4557
29	Carbide Tipped Annular Cutter 40*35	JKSDAC4035C	4557
30	Carbide Tipped Annular Cutter 41*35	JKSDAC4135C	5697
31	Carbide Tipped Annular Cutter 42*35	JKSDAC4235C	5697
32	Carbide Tipped Annular Cutter 43*35	JKSDAC4335C	5697
33	Carbide Tipped Annular Cutter 44*35	JKSDAC4435C	5697
34	Carbide Tipped Annular Cutter 45*35	JKSDAC4535C	5697
35	Carbide Tipped Annular Cutter 46*35	JKSDAC4635C	6722
36	Carbide Tipped Annular Cutter 47*35	JKSDAC4735C	6722
37	Carbide Tipped Annular Cutter 48*35	JKSDAC4835C	6722
38	Carbide Tipped Annular Cutter 49*35	JKSDAC4935C	6722
39	Carbide Tipped Annular Cutter 50*35	JKSDAC5035C	6722

Carbide Tipped Annular Cutter

Cutting Depth : 50 MM



Sr. No.	Description	Item Codes	M.R.P.
1	Carbide Tipped Annular Cutter 12*50	JKSDAC1250C	3304
2	Carbide Tipped Annular Cutter 13*50	JKSDAC1350C	3304
3	Carbide Tipped Annular Cutter 14*50	JKSDAC1450C	3304
4	Carbide Tipped Annular Cutter 15*50	JKSDAC1550C	3304
5	Carbide Tipped Annular Cutter 16*50	JKSDAC1650C	3304
6	Carbide Tipped Annular Cutter 17*50	JKSDAC1750C	3304
7	Carbide Tipped Annular Cutter 18*50	JKSDAC1850C	3304
8	Carbide Tipped Annular Cutter 19*50	JKSDAC1950C	3304
9	Carbide Tipped Annular Cutter 20*50	JKSDAC2050C	3304
10	Carbide Tipped Annular Cutter 21*50	JKSDAC2150C	3304
11	Carbide Tipped Annular Cutter 22*50	JKSDAC2250C	3304
12	Carbide Tipped Annular Cutter 23*50	JKSDAC2350C	3304
13	Carbide Tipped Annular Cutter 24*50	JKSDAC2450C	3304
14	Carbide Tipped Annular Cutter 25*50	JKSDAC2550C	3304
15	Carbide Tipped Annular Cutter 26*50	JKSDAC2650C	3646
16	Carbide Tipped Annular Cutter 27*50	JKSDAC2750C	3646
17	Carbide Tipped Annular Cutter 28*50	JKSDAC2850C	3646
18	Carbide Tipped Annular Cutter 29*50	JKSDAC2950C	3646
19	Carbide Tipped Annular Cutter 30*50	JKSDAC3050C	4330
20	Carbide Tipped Annular Cutter 31*50	JKSDAC3150C	4330

Sr. No.	Description	Item Codes	M.R.P.
21	Carbide Tipped Annular Cutter 32*50	JKSDAC3250C	4330
22	Carbide Tipped Annular Cutter 33*50	JKSDAC3350C	4330
23	Carbide Tipped Annular Cutter 34*50	JKSDAC3450C	4330
24	Carbide Tipped Annular Cutter 35*50	JKSDAC3550C	4330
25	Carbide Tipped Annular Cutter 36*50	JKSDAC3650C	5240
26	Carbide Tipped Annular Cutter 37*50	JKSDAC3750C	5240
27	Carbide Tipped Annular Cutter 38*50	JKSDAC3850C	5240
28	Carbide Tipped Annular Cutter 39*50	JKSDAC3950C	5240
29	Carbide Tipped Annular Cutter 40*50	JKSDAC4050C	5240
30	Carbide Tipped Annular Cutter 41*50	JKSDAC4150C	6722
31	Carbide Tipped Annular Cutter 42*50	JKSDAC4250C	6722
32	Carbide Tipped Annular Cutter 43*50	JKSDAC4350C	6722
33	Carbide Tipped Annular Cutter 44*50	JKSDAC4450C	6722
34	Carbide Tipped Annular Cutter 45*50	JKSDAC4550C	6722
35	Carbide Tipped Annular Cutter 46*50	JKSDAC4650C	7178
36	Carbide Tipped Annular Cutter 47*50	JKSDAC4750C	7178
37	Carbide Tipped Annular Cutter 48*50	JKSDAC4850C	7178
38	Carbide Tipped Annular Cutter 49*50	JKSDAC4950C	7178
39	Carbide Tipped Annular Cutter 50*50	JKSDAC5050C	7178

Description	Item Codes	M.R.P.
Pilot Pin AC 6.34x90	SD9111266	582
Pilot Pin AC 6.34x105	SD9111267	582
Pilot Pin AC 7.98x90	SD9111268	694
Pilot Pin AC 7.98x105	SD9111269	694

SHAPE	JK CODE	Head Diameter mm	Head Length mm	Overall Length mm	Shank Diameter mm	MRP/PC Rs.
	JKSDMA1	3	11	38	3	614
	JKSDMA2	6.3	10.5	38	3	767
	JKSDA1	6	19	50	6	907
	JKSDA2	9.5	20	70	6	1030
	JKSDA3	12.7	25	75	6	1391
	JKSDA4	9.5	9.5	60	6	987
	JKSDA5	16	13	63	6	1560
	JKSDA6	16	16	66	6	1910
	JKSDMB1	3	16	38	3	763
	JKSDMB2	6.3	12.7	38	3	842
	JKSDB1	6	20	50	6	1076
	JKSDB2	8	19	69	6	1074
	JKSDB3	9.5	19	69	6	1179
	JKSDB4	12.7	19	69	6	1539
	JKSDB5	16	25	75	6	2440
	JKSDB6	12.7	25	75	6	1964
	JKSDMC1	3	16	38	3	831
	JKSDMC2	6.3	6.3	32	3	813
	JKSDMC3	6.3	12.7	38	3	854
	JKSDC1	3.8	14	50	6	850
	JKSDC2	6	20	70	6	1073
	JKSDC3	8	19	69	6	1082
	JKSDC4	9.5	19	69	6	1178
	JKSDC5	12.7	19	69	6	1537
	JKSDC6	16	25	75	6	2443
	JKSDC7	12.7	14	64	6	1534
	JKSDC8	12.7	25	75	6	2161
	JKSDF1	6.3	16	56	6	1106
	JKSDF2	8	19	69	6	1249
	JKSDF3	9.5	25	75	6	1400
	JKSDF4	12.7	32	82	6	2462
	JKSDMK1	3	8	38	3	614
	JKSDMK2	6.3	12.7	38	3	767
	JKSDK1	9.5	19	69	6	1162
	JKSDK2	12.7	19	69	6	1608
	JKSDK3	16	33	83	6	2802

Tungsten Carbide Rotary Burrs



SHAPE	JK CODE	Head Diameter mm	Head Length mm	Overall Length mm	Shank Diameter mm	MRP/PC Rs.
OVAL 	JKSDMO1	3	8	38	3	750
	JKSDMO2	6.3	9.5	38	3	957
	JKSDO1	8	12	62	6	1104
	JKSDO2	12.7	19	69	6	1539
	JKSDO3	16	25	75	6	2181
	JKSDO4	6.3	10	60	6	1273
BALL 	JKSDMS1	4	3.4	38	3	680
	JKSDMS2	2.5	2.3	38	3	579
	JKSDS1	6.3	6.3	56	6	842
	JKSDS2	8	6.4	46	6	888
	JKSDS3	9.5	8	58	6	915
	JKSDS4	12.7	11	61	6	1260
	JKSDS5	16	14	64	6	1606
TREE POINTED END 	JKSDMT1	3	16	38	3	900
	JKSDMT2	3	13	38	3	900
	JKSDMT3	6.3	10	36	3	767
	JKSDT1	6	19	50	6	1144
	JKSDT2	9.5	19	69	6	1247
	JKSDT3	12.7	25	75	6	1635
	JKSDT4	16	32	82	6	2733
TREE RADIUS END 	JKSDTB1	6	19	69	6	9920
	JKSDTB2	9.5	19	69	6	1179
	JKSDTB3	12.7	25	75	6	1606

Special Note:

1. Double Cut & Diamond Cut Burrs available on request
2. Coarse Cut for Non Ferrous material & Alumina Cut Burrs also available on request

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JK MAINI
PRECISION TECHNOLOGY
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Authorised Dealer

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