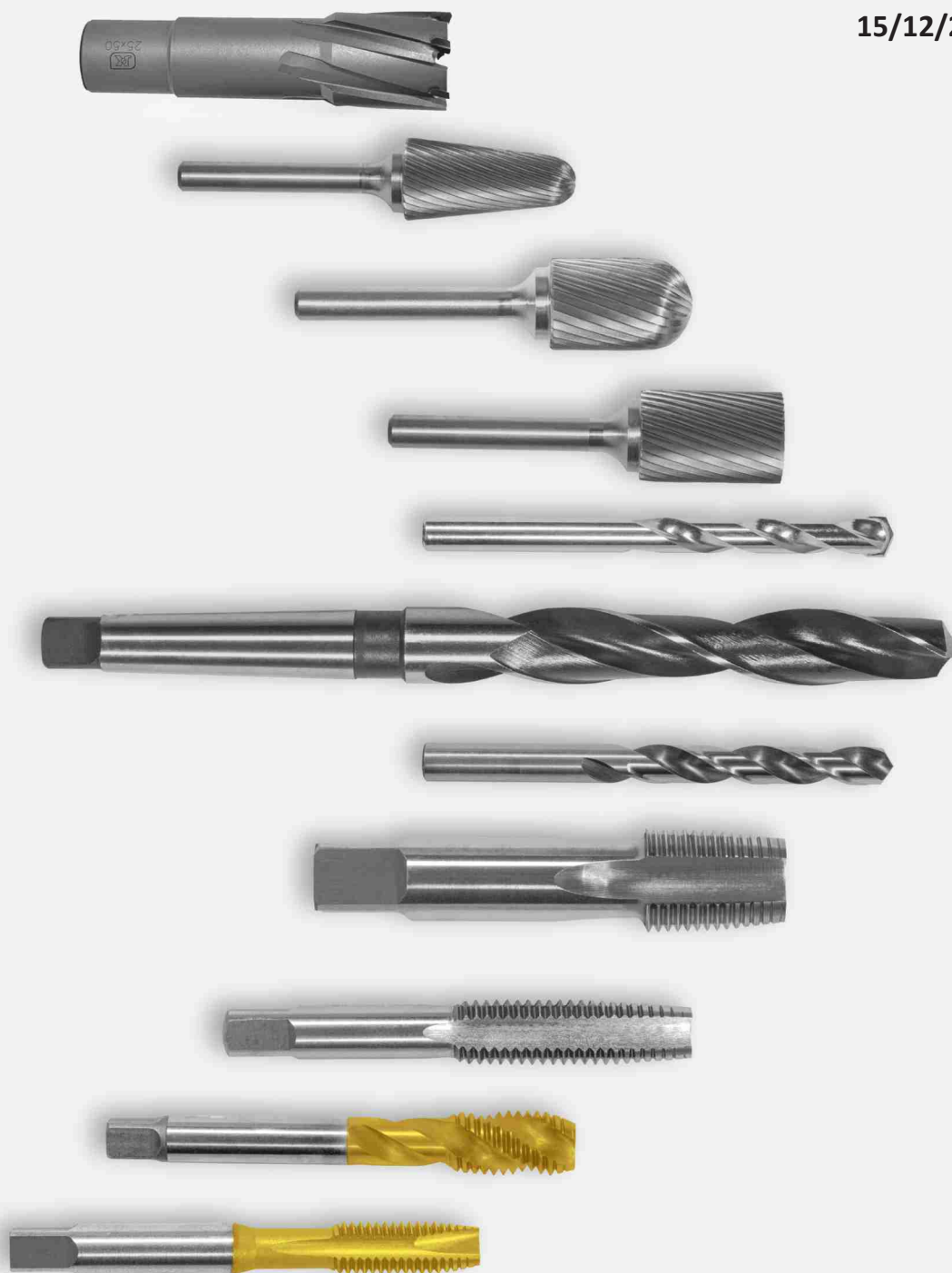




Speedy Effortless Tool

PRICE LIST
CUTTING TOOLS



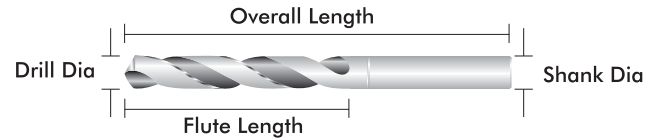
INDEX



Sr No.		Page no.
1	HSS Straight Shank Jobber Drills	1 to 6
2	HSS Straight Shank Jobber Drills Set	7
3	HSS Straight Shank Stub Series Drills	8 to 10
4	HSS Straight Shank Drills (Long Series)	11 to 13
5	HSS Straight Shank Drills (Extra Long Series)	14
6	HSS Taper Shank Twist Drills	15 to 18
7	HSS Taper Shank Twist Drills (Long Series)	19 to 21
8	HSS Taper Shank Twist Drills (Extra Long Series)	22 to 25
9	HSS Centre Drills	26
10	HSS Square Tool Bits	27
11	Super Granit Masonry Drills & Standard Masonry Drills	28
12	HSS Jobber Blanks	29
13	HSS Hand Taps	31 to 34
14	Annular Cutter	35 to 36
15	Rotary Burrs	37 to 38

TERMS AND CONDITIONS:

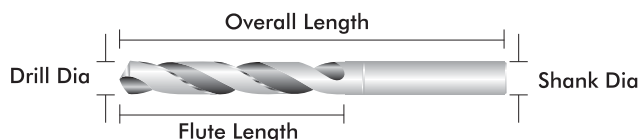
1. These are the current prices and supersede all previous price-lists.
2. MRP is inclusive of GST
3. Prices are F.O.R. Destination
4. Prices are subject to revision without prior notice and all pending orders, if any, will be invoiced at the rates ruling on the date of delivery.
5. Dealers are free 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					1290		1234		
0.55			7	24	1290		1234		
0.60			7	24	1290		1234		
0.65			8	26	1290		1234		
0.70			9	28	1290		1234		
0.75	1/32		9	28	1290		1234		
0.80			10	30	1290		1234		
0.85			10	30	1290		1234		
0.90			11	32	1290		1234		
0.95			11	32	1290		1234		
1.00			12	34	680		652	770	
1.02		60			680		652		
1.04		59	12	34	680		652		
1.07		58			680		652		
1.09		57			680		652		
1.10			14	36	680		652		
1.18		56			680		652		
1.19	3/64				680		652	770	
1.20			16	38	680		652	770	
1.30			16	38	680		652	770	
1.32		55			680		652		
1.40		54	18	40	680		652	770	
1.50			18	40	680		652	770	
1.51		53			730		693		
1.59	1/16				730		693	800	
1.60			20	43	730		693	800	
1.61		52			730		693		
1.70		51	20	43	730		693	800	
1.78		50			730		693		
1.80			22	46	730		693	800	
1.85		49	22	46	730		693		
1.90			22	46	730		693		
1.93	5/64	48			730		693	800	
1.98			24	49	730		693		
1.99		47	24	49	740		703		
2.00			24	49	740		703	800	
2.06		46	24	49	740		703		
2.08		45	24	49	740		703		
2.10			24	49	740		703	800	
2.18		44	27	53	740		703		
2.20			27	53	740		703	810	
2.26		43	27	53	740		703		
2.30			27	53	740		703	810	
2.37		42	30	57	740		703		
2.38	3/32		30	57	740		703	810	

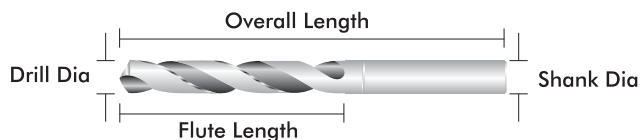
HSS Straight Shank Jobber Drill Ground flute

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	740		703	810	
2.44		41	30	57	740		703		
2.49		40	30	57	740		703		
2.50			30	57	740		703	810	
2.53		39	30	57	740		703		
2.58		38	30	57	740		703		
2.60			30	57	740		703	810	
2.64		37	30	57	770		734		
2.70			33	61	770		734	850	
2.71		36	33	61	770		734		
2.78	7/64		33	61	770	700	734	850	
2.79		35	33	61	770		734		
2.80			33	61	770		734	850	
2.82		34	33	61	770		734		
2.87		33	33	61	770		734		
2.90			33	61	770		734	850	
2.95		32	33	61	770		734		
3.00			33	61	770	700	734	790	1280
3.05		31	36	65	950	980	907		
3.10			36	65	950	980	907	1050	1530
3.17	1/8		36	65	950	980	907	1050	1530
3.20			36	65	1060	1010	1009	1050	1580
3.26		30	36	65	1060	1010	1009		
3.30			36	65	1060	1010	1009	1050	1580
3.40			39	70	1060	1010	1009	1050	1660
3.45		29	39	70	1060	1010	1009		
3.50			39	70	1060	1010	1009	1050	
3.57	9/64	28	39	70	1060	1010	1009	1170	1660
3.60			39	70	1330	1370	1264	1570	2230
3.66		27	39	70	1430	1370	1366		
3.70			39	70	1430	1370	1366	1570	2230
3.73		26	39	70	1430	1370	1366		
3.80		25	43	75	1430	1370	1366	1570	2230
3.86		24	43	75	1430	1370	1366		
3.90			43	75	1430	1370	1366	1570	2230
3.91		23	43	75	1430	1370	1366		
3.97	5/32		43	75	1430	1370	1366	1570	2230
3.99		22	43	75	1430	1370	1366		
4.00			43	75	1430	1370	1366	1570	2230
4.04		21	43	75	1700	1780	1621		
4.09		20	43	75	1700	1780	1621		
4.10			43	75	1700	1780	1621	1890	2700
4.20			43	75	1700	1780	1621	1890	2700
4.22		19	43	75	1700	1780	1621		
4.30		18	47	80	1700	1780	1621	1890	2700

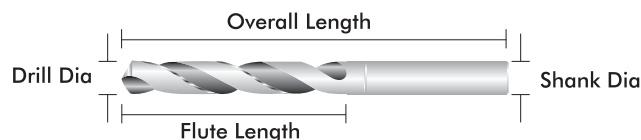
MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 10 NOS.



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	1720	1780	1642	1890	3550
4.39		17	47	80	1720	1780	1642		
4.40			47	80	1720	1780	1642	1890	2700
4.50		16	47	80	2120	2200	2019	2490	3550
4.57		15	47	80	2120	2200	2019		
4.60			47	80	2120	2200	2019	2490	3550
4.62		14	47	80	2120	2200	2019		
4.70		13	47	80	2120	2200	2019	2490	3550
4.76	3/16		52	86	2120	2200	2019	2490	3550
4.80		12	52	86	2180	2200	2080	2490	3550
4.85		11	52	86	2270	2340	2162		
4.90			52	86	2270	2340	2162	2740	3550
4.92		10	52	86	2270	2340	2162		
4.98		9	52	86	2270	2340	2162		
5.00			52	86	2230	2280	2121	2740	3860
5.06		8	52	86	2230	2280	2121		
5.10			52	86	2230	2280	2121	2740	3860
5.11		7	52	86	2230	2280	2121		
5.16	13/64		52	86	2230	2280	2121	2740	3860
5.18		6	52	86	2230	2280	2121		
5.20			52	86	2230	2280	2121	2740	3860
5.22		5	52	86	2550	2610	2427		
5.30			52	86	2550	2610	2427	2950	4160
5.31		4	57	93	2550	2610	2427		
5.40			57	93	2550	2610	2427	2950	4160
5.41		3	57	93	2550	2610	2427		
5.50			57	93	2550	2610	2427	2950	4160
5.56	7/32		57	93	2550	2610	2427	2950	4160
5.60			57	93	2550	2610	2427	2950	4160
5.61		2	57	93	2810	2800	2682		
5.70			57	93	2810	2800	2682	3300	4680
5.79		1	57	93	2810	2800	2682		
5.80			57	93	2810	2800	2682	3300	4680
5.90			57	93	2810	2800	2682	3300	4680
5.94		A	57	93	2810	2800	2682		
5.95	15/64		57	93	2810	2800	2682	3300	
6.00			57	93	2810	2800	2682	3300	4680
6.04		B	63	93	3140	3030	3019		
6.10			63	93	3140	3030	3019	3630	5100
6.15		C	63	93	3140	3030	3019		
6.20			63	93	3140	3030	3019	3630	5100
6.25		D	63	93	3170	3030	3019		
6.30			63	93	3170	3210	3019	3630	5100
6.35	1/4	E	63	93	3170	3210	3019	3630	5100
6.40			63	93	3170	3210	3019	3630	5100

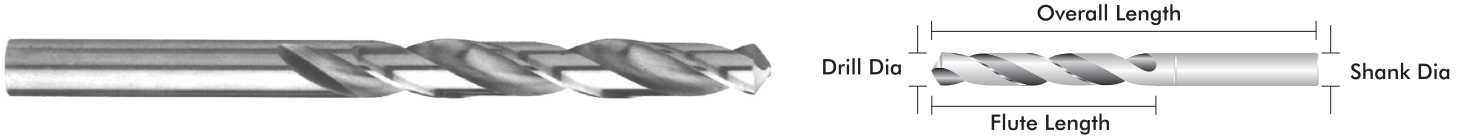
HSS Straight Shank Jobber Drill Ground flute

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	3960	3890	3774	4590	6380
6.53		F	63	101	3960	3890	3774		
6.60			63	101	3960	3890	3774	4590	6380
6.63		G	63	101	3960	3890	3774		
6.70			63	101	3960	3890	3774	4590	6380
6.75	17/64	H	69	109	3960	3890	3774	4590	6380
6.80			69	109	3960	3890	4110	4590	6380
6.90		I	69	109	4310	4350	4110	5020	6990
7.00			69	109	4310	4350	4110	5020	6990
7.03		J	69	109	4310	4350	4110		
7.10			69	109	4310	4350	4110	5020	6990
7.14	9/32	K	69	109	4310	4350	4110	5020	6990
7.20			69	109	4670	4350	4447	5150	6990
7.30			69	109	4670	4580	4447	5320	6990
7.37		L	69	109	4670	4580	4447		
7.40			69	109	4670	4580	4447	5320	7370
7.49		M	69	109	4670	4580	4444		
7.50			69	109	4670	4580	4447	5320	7370
7.54	19/64		75	117	5020	4920	4783	5770	
7.60			75	117	5020	4920	4783	5770	7980
7.67		N	75	117	5220	4920	4977		
7.70			75	117	5220	5020	4977	5770	7980
7.80			75	117	5220	5020	4977	5770	7980
7.90			75	117	5220	5020	4977	6310	7980
7.94	5/16		75	117	5530	5410	5273	6310	8760
8.00			75	117	5530	5410	5273	6310	8760
8.03		O	75	117	5530	5410	5273		
8.10			75	117	5530	5520	5273	6310	8760
8.20		P	75	117	5530	5520	5273	6310	8760
8.30			75	117	6520	6560	6211	7620	10620
8.33	21/64		75	117	6520	6560	6211	7620	10620
8.40			75	117	6820	6560	6497	7620	10620
8.43		Q	75	117	6820	6560	6497		
8.50			75	117	6820	6560	6497	7620	10620
8.60			81	125	6820	6560	6497	7620	10620
8.61		R	81	125	6820	6560	6497		
8.70			81	125	6820	6560	6497	7620	10620
8.73	11/32		81	125	7170	6900	6834	8140	
8.80			81	125	7170	6900	6834	8140	11190
8.84		S	81	125	7170	6900	6834		
8.90			81	125	7170	6900	6834	8140	11190
9.00			81	125	7170	6900	6834	8140	11190
9.09		T	81	125	7480	7190	7129		
9.10			81	125	7480	7190	7129	8400	11670
9.13	23/64		81	125	7480	7190	7129	8400	

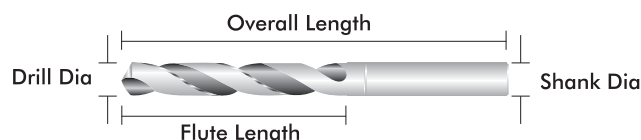
MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 10 NOS.



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	7480	7190	7129	8400	11670
9.30			81	125	7480	7190	7129	8400	11670
9.34		U	81	125	7480	7190	7129		
9.40			81	125	7480	7190	7129	8400	11670
9.50			81	125	7480	7190	7129	8400	11670
9.52			87	133	8500	8190	8098		13230
9.58	3/8	V	87	133	8500	8190	8098	9530	
9.60			87	133	8500	8190	8098	9530	13230
9.70			87	133	8500	8190	8098		13230
9.80		W	87	133	8500	8190	8098	9530	13230
9.90			87	133	9320	9130	8884	10640	14810
9.92	25/64		87	133	9320	9130	8884	10640	
10.00			87	133	9320	9130	8884	10640	14810
10.08		X	87	133	9320	9130	8884		
10.10			87	133	9320	9130	8884	10640	14810
10.20			87	133	9320	9130	8884	10640	14810
10.26		Y	87	133	9780	9870	9322		
10.30			87	133	9780	9870	9322	11580	16050
10.32	13/32		87	133	9780	9870	9322	11580	16050
10.40			87	133	10250	9870	9771	11580	16050
10.49		Z	87	133	10250	9870	9771		
10.50			87	133	10250	9870	9771	11580	16050
10.60			87	133	10250	9870	9771	11580	16050
10.70			94	142	10250	9870	9771	12240	16990
10.72	27/64		94	142	10850	10420	10342	12240	
10.80			94	142	10850	10420	10342	12240	16990
10.90			94	142	10850	10420	10342	12240	16990
11.00			94	142	10850	10420	10342	12240	16990
11.10			94	142	12100	11630	11536	13620	18970
11.11	7/16		94	142	12100	11630	11536	13620	18970
11.20			94	142	12100	11630	11536	13620	18970
11.30			94	142	12100	11630	11536	13620	18970
11.40			94	142	12100	11630	11536	13620	18970
11.50			94	142	12780	12280	12178	14370	20000
11.51	29/64		94	142	12780	12280	12178	14370	
11.60			94	142	12780	12280	12178	14370	20000
11.70			94	142	12780	12280	12178	14370	20000
11.80			101	142	12780	12280	12178	14370	20000
11.90			101	151	13600	13100	12964	15350	21360
11.91	15/32		101	151	13600	13100	12964	15350	
12.00			101	151	13600	13100	12964	15350	21360
12.10			101	151	13600	13100	12964	15350	21360
12.20			101	151	13600	13100	12964	15350	21360
12.30	31/64		101	151	14480	13930	13800	16290	22660
12.40			101	151	14480	13930	13800	16290	22660

HSS Straight Shank Jobber Drill Ground flute

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



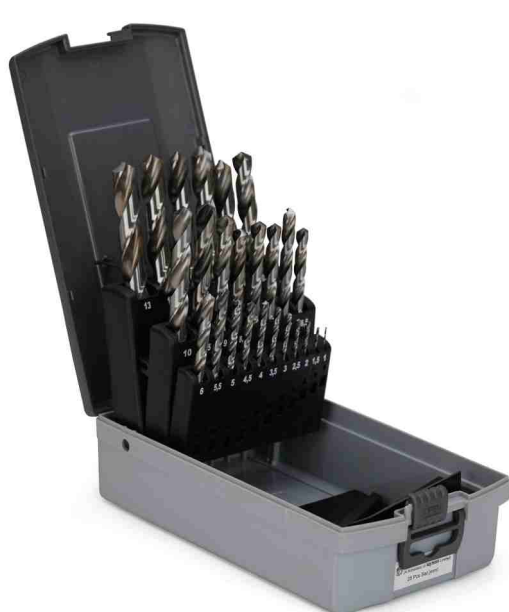
Size-Diameter			Length mm		M2 Ground Flute	M2 Roll Forged	NEW AQUABIT Blue Coated	NEW SUPERBIT M35 SP	NEW DRIVEMAX M42 SP
mm	inch	dg/lg	flute	overall					
12.50			101	151	14480	13930	13800	16290	22660
12.60			101	151	14480	13930	13800	16290	22660
12.70	1/2		101	151	14830	14680	14137	17190	23930
12.80			101	151	15260	14680	14545	17190	24130
12.90			101	151	15260	14680	14545	17190	24130
13.00			101	151	15260	14680	14545	17190	24130
13.10	33/64		101	151	18930		18043		
13.20			101	151	18930		18043		
13.30			108	160	18930		18043		
13.40			108	160	18930		18043		
13.49	17/32		108	160	20150		19206		
13.50			108	160	20150		19206		
13.60			108	160	20150		19206		
13.70			108	160	20150		19206		
13.80			108	160	20150		19206		
13.89	35/64		108	160	22300		21256		
13.90			108	160	22300		21256		
14.00			108	160	22300		21256		
14.25			114	169	22300		21256		
14.29	9/16		114	169	22300		21256		
14.50			114	169	22300		21256		
14.68	37/64		114	169	22300		21256		
14.75			114	169	25200		24021		
15.00			114	169	25200		24021		
15.08	19/32		120	178	25200		24021		
15.25			120	178	25200		24021		
15.48	39/64		120	178	26750		25500		
15.50			120	178	26750		25500		
15.75			120	178	28230		26907		
15.87	5/8		120	178	28230		26907		
16.00			120	178	28230		26907		
16.50					28230				
17.00					28230				
17.50					29140				
18.00					29140				
18.25					29680				
18.50					29140				
19.00					31030				
19.05	3/4				31690				
19.50					31600				
20.00					31600				
20.50					35110				
21.00					37940				
21.50					40250				
22.00					42250				
22.22	7/8				39430				
22.50					42250				
23.00					42250				

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)	772
Jobber Drill Set 3/32" to 1/4" (7 pc)	1211
Jobber Drill Set 1/16" to 1/4" (13 pc)	2054
Jobber Drill Set 2.00 to 8.00 mm (13 pc)	3094
Jobber Drill Set 1.5 to 6.5 mm (13 pc)	2652
Jobber Drill Set 1.00 to 10.00 mm (19 pc)	6707
Jobber Drill Set 1.00 to 13.00 mm (25 pc)	13250
Jobber Drill Set 1/16" to 1/2" (29 pc)	17110
Masonry Bit Set 4.00 to 10.00 mm (5 pc) (E-Com)	915
Masonry Bit Set (1/8 - 3/8) (5 pc)	887
New Jobber Drill Set 1.5 to 6.5 mm (13 pc)	2652
New Jobber Drill Set 1.00 to 10.00 mm (19 pc)	6707

Special notes:

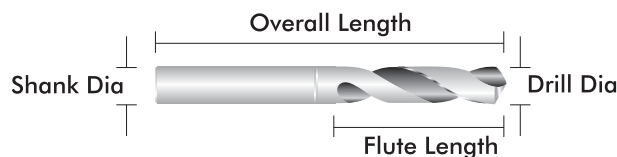
- Intermediate, unlisted sizes, price of the next larger listed size will be charged.
- Quick Spiral or Slow Spiral drills upto sizes 3.17 mm and sizes over 3.17 mm will be charged 50% and 25% Extra respectively.
- Jobber Series Drills with Tenon can be supplied at 20% extra for sizes upto 6.50 mm 10%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

Terms & Conditions:

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

HSS Straight Shank Stub Series Drill

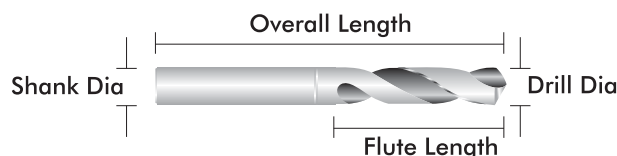
To IS : 5100 / DIN : 1897 / BS: 328 / I.S.O.



Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
1.00		6	26	680
1.19	3/64	8	30	680
1.20		8	30	680
1.50		9	32	680
1.59	1/16	10	34	700
1.80		11	36	700
1.98	5/64	12	38	700
2.00		12	38	670
2.20		13	40	670
2.38	3/32	14	43	670
2.50		14	43	670
2.78	7/64	16	46	670
2.80		16	46	790
3.00		16	46	790
3.17	1/8	18	49	910
3.20		18	49	980
3.50		20	52	980
3.57	9/64	20	52	980
3.80		22	55	1290
3.97	5/32	22	55	1290
4.00		22	55	1290
4.20		22	55	1480
4.37	11/64	24	58	1480
4.50		24	58	1810
4.76	3/16	26	62	1810
4.80		26	62	1810
5.00		26	62	1890
5.16	13/64	26	62	1890
5.20		26	62	1890
5.50		28	66	2110
5.56	7/32	28	66	2110
5.80		28	66	2340
5.95	15/64	28	66	2340
6.00		28	66	2410
6.20		31	70	2690
6.35	1/4	31	70	2690
6.50		31	70	3240
6.75	17/64	34	74	3240

Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
6.80		34	74	3240
7.00		34	74	3610
7.14	9/32	34	74	3610
7.20		34	74	3610
7.50		34	74	3680
7.54	19/64	37	79	4060
7.80		37	79	4120
7.94	5/16	37	79	4550
8.00		37	79	4550
8.20		37	79	4550
8.33	21/64	37	79	5830
8.50		37	79	5830
8.73	11/32	40	84	6080
8.80		40	84	6080
9.00		40	84	6080
9.13	23/64	40	84	6410
9.20		40	84	6410
9.50		40	84	6410
9.52	3/8	43	89	6720
9.80		43	89	7120
9.92	25/64	43	89	8210
10.00		43	89	8210
10.20		43	89	8210
10.32	13/32	43	89	8740
10.50		43	89	8740
10.72	27/64	47	95	9890
10.80		47	95	9890
11.00		47	95	9890
11.11	7/16	47	95	10360
11.20		47	95	10970
11.50		47	95	11750
11.51	29/64	47	95	11750
11.80		47	95	11750
11.91	15/32	51	102	11750
12.00		51	102	11750
12.20		51	102	11750
12.30	31/64	51	102	12710
12.50		51	102	12710

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 10 NOS.

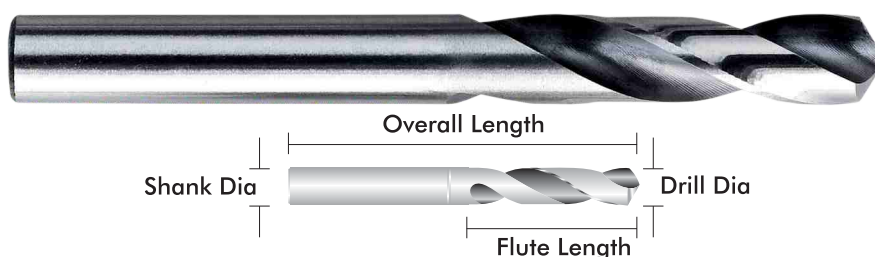


Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
12.70	1/2	51	102	13080
12.80		51	102	13080
13.00		51	102	13080
13.20		51	102	16050
13.49	17/32	54	107	17170
13.50		54	107	17170
13.80		54	107	17170
14.00		54	107	17850
14.25		56	111	17850
14.29	9/16	56	111	17850
14.50		56	111	19410
14.75		56	111	21080
15.00		56	111	21080
15.08	19/32	58	115	21080
15.25		58	115	21080
15.50		58	115	22870
15.75		58	115	22870
15.87	5/8	58	115	22870
16.00		58	115	22870
16.25		60	119	22970
16.50		60	119	22970
16.67	21/32	60	119	22970
16.75		60	119	23470
17.00		60	119	23470
17.25		62	123	23880
17.46	11/16	62	123	23880
17.50		62	123	23890
17.75		62	123	24260
18.00		62	123	24260
18.25		64	127	24620
18.26	23/32	64	127	24620
18.50		64	127	24620
18.75		64	127	25060
19.00		64	127	25060
19.05	3/4	66	131	25060
19.25		66	131	25620
19.50		66	131	25620
19.75		66	131	25620

Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
19.84	25/32	66	131	25620
20.00		66	131	25940
20.25		68	136	26550
20.50		68	136	26550
20.64	13/16	68	136	26550
20.75		68	136	27570
21.00		68	136	27570
21.25		70	141	27870
21.43	27/32	70	141	27870
21.50		70	141	27870
21.75		70	141	29250
22.00		70	141	29250
22.22	7/8	70	141	29250
22.25		70	141	31080
22.50		72	146	31080
22.75		72	146	31520
23.00		72	146	31520
23.02	29/32	72	146	31520
23.25		72	146	33310
23.50		72	146	33310
23.75		75	151	33310
23.81	15/16	75	151	33310
24.00		75	151	36810
24.25		75	151	36810
24.50		75	151	36810
24.61	31/32	75	151	36810
24.75		75	151	40410
25.00		75	151	40410
25.25		78	156	40640
25.40	1	78	156	40640
25.50		78	156	45840
26.00		78	156	45840
26.19	1.1/32	78	156	46880
26.50		78	156	46880
26.99	1.1/16	81	162	47350
27.00		81	162	50000
27.50		81	162	50000
27.78	1.3/32	81	162	52830

HSS Straight Shank Stub Series Drill

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



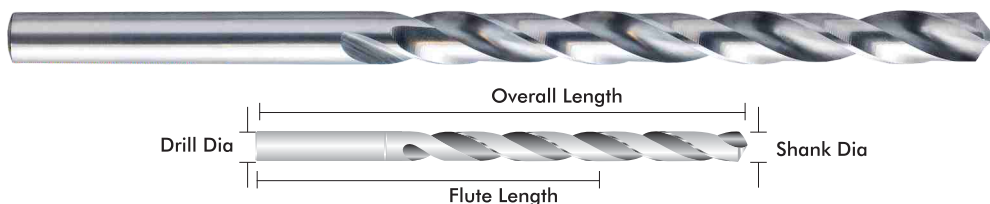
Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
28.00		81	162	52830
28.50		84	168	53300
28.57	1.1/8	84	168	53300
29.00		84	168	55970
29.37	1.5/32	84	168	61530
29.50		84	168	61530
30.00		84	168	62330
30.16	1.3/16	87	174	62330
30.50		87	174	70150
30.96	1.7/32	87	174	70150
31.00		87	174	70150
31.50		87	174	71170
31.75	1.1/4	90	180	71170
32.00		90	180	73100
32.50		90	180	74920
32.54	1.9/32	90	180	74920
33.00		90	180	74920
33.34	1.5/16	90	180	74920
33.50		90	180	78960
34.00		93	186	78960
34.13	1.11/32	93	186	86650
34.50		93	186	86650
34.92	1.3/8	93	186	86650
35.00		93	186	95200
35.50		93	186	96620
35.72	1.13/32	96	193	96620
36.00		96	193	96620
36.50		96	193	96620
36.51	1.7/16	96	193	96620
37.00		96	193	103800
37.31	1.15/32	96	193	105360
37.50		96	193	105360
38.00		100	200	105360
38.10	1.1/2	100	200	105360
38.50		100	200	117630
39.00		100	200	117630
39.50		100	200	119750
40.00		100	200	119750

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.

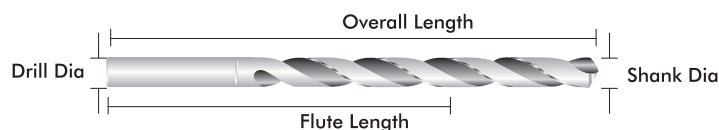


Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
1.00		33	56	439
1.10		37	60	439
1.19	3/64	41	65	439
1.20		41	65	439
1.30		41	65	439
1.40		45	70	439
1.50		45	70	439
1.59	1/16	50	76	439
1.60		50	76	439
1.70		50	76	439
1.80		53	80	439
1.90		53	80	439
1.98	5/64	56	85	439
2.00		56	85	439
2.10		56	85	439
2.20		59	90	439
2.30		59	90	550
2.38	3/32	62	95	550
2.40		62	95	550
2.50		62	95	550
2.60		62	95	550
2.70		66	100	550
2.78	7/64	66	100	550
2.80		66	100	550
2.90		66	100	550
3.00		66	100	550
3.10		69	106	550
3.17	1/8	69	106	550
3.20		69	106	550
3.30		69	106	550
3.40		73	112	550
3.50		73	112	550
3.57	9/64	73	112	550
3.60		73	112	550
3.70		73	112	597
3.80		78	119	597
3.90		78	119	597
3.97	5/32	78	119	597

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
4.00		78	119	597
4.10		78	119	597
4.20		78	119	597
4.30		82	126	597
4.37	11/64	82	126	597
4.40		82	126	597
4.50		82	126	597
4.60		82	126	597
4.70		82	126	597
4.76	3/16	87	132	597
4.80		87	132	597
4.90		87	132	686
5.00		87	132	686
5.10		87	132	686
5.16	13/64	87	132	686
5.20		87	132	686
5.30		87	132	799
5.40		91	139	799
5.50		91	139	799
5.56	7/32	91	139	799
5.60		91	139	891
5.70		91	139	891
5.80		91	139	891
5.90		91	139	891
5.95	15/64	91	139	891
6.00		91	139	891
6.10		97	148	1005
6.20		97	148	1005
6.30		97	148	1005
6.35	1/4	97	148	1005
6.40		97	148	1279
6.50		97	148	1279
6.60		97	148	1529
6.70		97	148	1529
6.75	17/64	102	156	1529
6.80		102	156	1529
6.90		102	156	1529
7.00		102	156	1529

HSS Straight Shank Long Series Drill

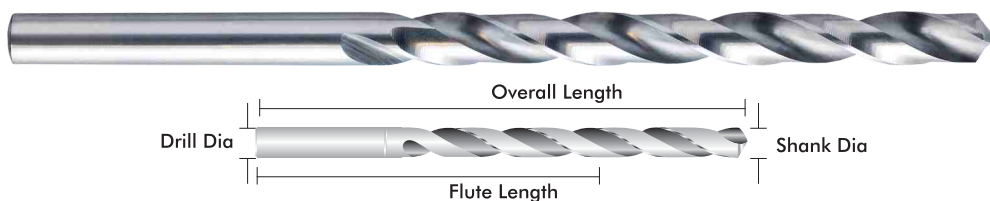
To IS : 5102 / DIN : 340 / BS: 328 / I.S.O.



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
7.10		102	156	1529
7.14	9/32	102	156	1529
7.20		102	156	1529
7.30		102	156	1529
7.40		102	156	1529
7.50		102	156	1529
7.54	19/64	109	165	1529
7.60		109	165	1529
7.70		109	165	1529
7.80		109	165	1529
7.90		109	165	1574
7.94	5/16	109	165	1574
8.00		109	165	1574
8.10		109	165	1574
8.20		109	165	1574
8.30		109	165	1574
8.33	21/64	109	165	1574
8.40		109	165	1574
8.50		109	165	1595
8.60		115	175	1667
8.70		115	175	1667
8.73	11/32	115	175	1667
8.80		115	175	2008
9.00		115	175	2008
9.13	23/64	115	175	2008
9.20		115	175	2008
9.50		115	175	2008
9.52	3/8	121	184	2008
9.80		121	184	2029
9.92	25/64	121	184	2029
10.00		121	184	2029
10.20		121	184	2029
10.32	13/32	121	184	2029
10.50		121	184	2189
10.72	27/64	128	195	2483
10.80		128	195	2483
11.00		128	195	2483
11.11	7/16	128	195	2483

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
11.20		128	195	2669
11.50		128	195	2669
11.51	29/64	128	195	2669
11.80		128	195	2669
11.91	15/32	134	205	2669
12.00		134	205	2669
12.20		134	205	2709
12.30	31/64	134	205	2709
12.50		134	205	2709
12.70	1/2	134	205	2709
12.80		134	205	3712
13.00		134	205	3712
13.10	33/64	134	205	3759
13.20		134	205	3759
13.49	17/32	140	214	3759
13.50		140	214	3759
13.80		140	214	4079
13.89	35/64	140	214	4079
14.00		140	214	3759
14.25		144	220	3759
14.29	9/16	144	220	3759
14.50		144	220	3941
14.68	37/64	144	220	4327
14.75		144	220	3941
15.00		144	220	3941
15.08	19/32	149	227	3941
15.25		149	227	4079
15.50		149	227	4079
15.75		149	227	4079
15.87	5/8	149	227	4079
16.00		149	227	4148
16.25		154	235	4148
16.27	41/64	154	235	4621
16.50		154	235	4235
16.67	21/32	154	235	4235
16.75		154	235	4327
17.00		154	235	4327
17.07	43/64	158	241	4690

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	4327
17.46	11/16	158	241	4327
17.50		158	241	4621
17.75		158	241	4621
17.86	45/64	158	241	5104
18.00		158	241	4690
18.25		162	247	4690
18.26	23/32	162	247	4690
18.50		162	247	4897
18.65	47/64	162	247	5372
18.75		162	247	4989
19.00		162	247	4989
19.05	3/4	166	254	4989
19.25		166	254	5261
19.45	49/64	166	254	5762
19.50		166	254	5261
19.75	25/32	166	254	5261
19.84		166	254	5261
20.00		166	254	5601
20.24	51/64	171	261	5943
20.25		171	261	5601
20.50		171	261	5601
20.64	13/16	171	261	5601
20.75		171	261	5762
21.00		171	261	5762
21.03	53/64	171	261	6310
21.25		176	268	5943
21.43	27/32	176	268	5943
21.50		176	268	6310
21.75		176	268	6310
21.83	55/64	176	268	6740
22.00		176	268	6310
22.22	7/8	176	268	6310
22.25		176	268	6807
22.50		180	275	6807
22.62	57/64	180	275	7286
22.75		180	275	6967
23.00		180	275	6967
23.02	29/32	180	275	6967
23.25		180	275	7082
23.42	59/64	180	275	8331
23.50		180	275	7743
23.75		185	282	7743
23.81	15/16	185	282	7743
24.00		185	282	8059
24.21	61/64	185	282	8809
24.25		185	282	8059
24.50		185	282	8059
24.61	31/32	185	282	8059

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
24.75		185	282	8653
25.00	63/64	185	282	8653
25.25		190	290	8768
25.40	1	190	290	8768
25.50		190	290	10791
25.75		190	290	10791
25.80	1.1/64	190	290	11016
26.00		190	290	11016
26.19	1.1/32	190	290	11016
26.25		190	290	11883
26.50		190	290	11883
26.59	1.3/64	195	298	12132
26.75		195	298	12132
26.99	1.1/16	195	298	12132
27.00		195	298	12383
27.25		195	298	12383
27.38	1.5/64	195	298	12520
27.50		195	298	12520
27.75		195	298	12520
27.78	1.3/32	195	298	12520
28.00		195	298	13681
28.18	1.7/64	201	307	13863
28.25		201	307	13863
28.50		201	307	13863
28.57	1.1/8	201	307	13863
28.75		201	307	13976
28.97	1.9/64	201	307	14252
29.00		201	307	14252
29.25		201	307	14252
29.37	1.5/32	201	307	14252
29.50		201	307	14431
29.75		201	307	14431
29.77	1.11/64	201	307	14724
30.00		201	307	14724
30.16	1.3/16	207	316	14724
30.25		207	316	15658
30.50		207	316	15658
30.56	1.13/64	207	316	15932
30.75		207	316	15932
30.96	1.7/32	207	316	15932
31.00		207	316	17733
31.25		207	316	17733
31.35	1.15/64	207	316	18368
31.50		207	316	18368

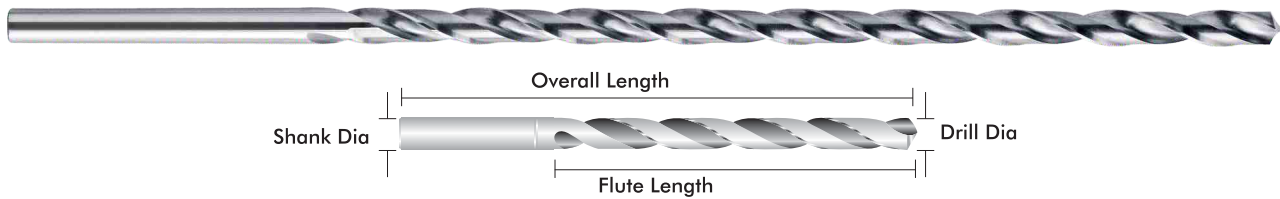
Special notes:

- 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		1303				
0.60		1208				
0.70	1/32		1186			
0.80		830				
0.90						
1.00			808			
1.10			808			
1.20	3/64		808			
1.30			808		1256	
1.40			808			
1.50			808	1066	1186	
1.60	1/16		762	996	1186	
1.70			762	1021	1186	
1.80			762	1021	1186	
1.90				1021	1186	
2.00	5/64		1021	1021	1234	
2.10				1021	1847	
2.20				1021	1234	
2.30				1021	1234	
2.40	3/32			1021	1234	
2.50			1470	1470	1753	
2.60						
2.70				1447	1753	
2.80	7/64			1447	1753	
2.90						
3.00				1375	1659	1986
3.17	1/8				1659	1986
3.50	9/64				1731	1986
3.97	5/32				1635	1986
4.00				1635	1635	
4.50	11/64				1659	2058
4.76	3/16				1706	2082
5.00					1706	2082
5.50	13/64				1802	2201
5.56	7/32					
6.00	15/64				1847	2273
6.35	1/4					
9.00					2508	

Size		Over all Length in mm							
mm	inch	200	225	250	275	300	325	350	375
2.50			2864						
2.60									
2.70									
2.80	7/64	1966							
2.90									
3.00		2273	2674	3194	4045	4448			
3.17		2273	2674	3194	4045	4448			
3.50		2296	3098	3430	4541	4996		6314	
3.97		2273	3098	3454	4541	4996	5716	6242	6998
4.00		2273	3098	3454	4541	4996	5716	6242	6998
4.50		2341	3098	3454	4541	4996	5834	6405	7138
4.76		2390	3170	3527	4562	5019	5949	6525	7280
5.00		2390	3170	3527	4562	5019	5949	6525	7280
5.50		2533	3384	3760	5036	5542	5986	6549	7327
5.56		2533		3760	5036	5542	5986	6549	7327
6.00		2578	3476	3855	4989	5489	5986		7327
6.35		3240		4821	5273	5798	7647	8391	9356
6.50		3240		4821	5273	5798	7647	8391	9356
7.00	17/64	3265		4871	5626	6189	7724	8509	9453
7.14	9/32	3454		5415	6216	6841	8112	8982	9924
7.50	19/64	3454		5153	6216	6841	8112	8982	9924
7.94	5/16	3808			6479	7125	8922	9924	10918
8.00		3808		5696	6479	7125	8922	9924	10918
8.50	21/64	3760	4325	5391	6549	7205	8930	9926	10929
8.73	11/32	3760		5343	6549	7205	8930	9926	10929
9.00		3738		5343	6549	7205	8977	9993	10984
9.50	23/64	3878		5557	6525	7180	9245	10384	11314
9.52	3/8	3878		5557	6690	7361	9245	10384	11314
10.00	25/64	3952		5438	6829	7514	9461	10681	11577
10.32	13/32	4278		5910	7187	7905	9681	10974	11849
10.50		4278		5910	7187	7905	9681	10974	11849
11.00	27/64			5861	7305	8037	9682	10970	11855
11.11	7/16			5861	7305	8037	9682	10970	11855
11.50	29/64			6242	7846	8631	9768	11154	11956
11.91	15/32			6264	7846	8631	9768	11202	11956
12.00				6264	8012	8814	9768	11202	11956
12.50	31/64			6639	8012	8814	10253	11866	12547
12.70	1/2				8012	8814	10253	11866	12547

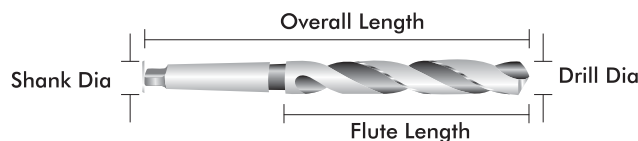
Special notes:

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:7823.

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.

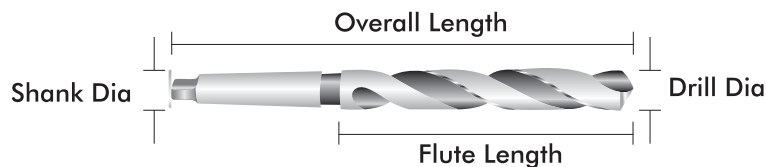


Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT1				
3.00		33	114	664
3.17	1/8	36	117	664
3.20		36	117	686
3.50		39	120	686
3.57	9/64	39	120	686
3.80		43	124	686
3.97	5/32	43	124	686
4.00		43	124	686
4.20		43	124	893
4.37	11/64	47	128	893
4.50		47	128	893
4.76	3/16	52	133	893
4.80		52	133	893
5.00		52	133	893
5.16	13/64	52	133	893
5.20		52	133	893
5.50		57	138	893
5.56	7/32	57	138	893
5.80		57	138	893
5.95	15/64	57	138	893
6.00		57	138	893
6.20		63	144	1026
6.35	1/4	63	144	1026
6.50		63	144	1026
6.75	17/64	69	150	1026
6.80		69	150	1026
7.00		69	150	1087
7.14	9/32	69	150	1087
7.20		69	150	1087
7.50		69	150	1087
7.54	19/64	75	156	1087
7.80		75	156	1087
7.94	5/16	75	156	1087
8.00		75	156	1087
8.20		75	156	1232
8.33	21/64	75	156	1298
8.50		75	156	1298

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
8.73	11/32	81	162	1298
8.80		81	162	1365
9.00		81	162	1365
9.13	23/64	81	162	1365
9.20		81	162	1365
9.50		81	162	1365
9.52	3/8	87	168	1365
9.80		87	168	1462
9.92	25/64	87	168	1549
10.00		87	168	1504
10.20		87	168	1504
10.32	13/32	87	168	1504
10.50		87	168	1837
10.72	27/64	94	175	1911
10.80		94	175	1911
11.00		94	175	1911
11.11	7/16	94	175	1911
11.20		94	175	1911
11.50		94	175	1911
11.51	29/64	94	175	1911
11.80		94	175	1911
11.91	15/32	101	182	2053
12.00		101	182	1911
12.20		101	182	1911
12.30	31/64	101	182	1911
12.50		101	182	1911
12.70	1/2	101	182	1911
12.80		101	182	1911
13.00		101	182	2568
13.10	33/64	101	182	2676
13.20		101	182	2676
13.49	17/32	108	189	2676
13.50		108	189	2876
13.80		108	189	2876
13.89	35/64	108	189	2989
14.00		108	189	2989
MT2				
14.25		114	212	3131

HSS Taper Shank Twist Drill

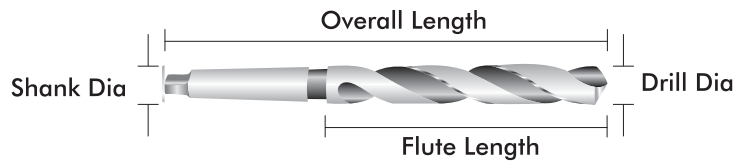
To IS : 5103 / DIN : 345 / BS: 328 / I.S.O.



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
14.29	9/16	114	212	3131
14.50		114	212	3272
14.68	37/64	114	212	3272
14.75		114	212	3272
15.00		114	212	3272
15.08	19/32	120	218	3459
15.25		120	218	3506
15.48	39/64	120	218	3506
15.50		120	218	3506
15.75		120	218	3506
15.87	5/8	120	218	3506
16.00		120	218	3529
16.25		125	223	3529
16.27	41/64	125	223	3529
16.50		125	223	3608
16.67	21/32	125	223	3608
16.75		125	223	3608
17.00		125	223	3608
17.07	43/64	130	228	3608
17.25		130	228	3608
17.46	11/16	130	228	3678
17.50		130	228	3816
17.75		130	228	3862
17.86	45/64	130	228	4173
18.00		130	228	4173
18.25		135	233	4173
18.26	23/32	135	233	4173
18.50		135	233	4173
18.65	47/64	135	233	4173
18.75		135	233	4173
19.00		135	233	4173
19.05	3/4	140	238	4173
19.25		140	238	4356
19.45	49/64	140	238	4356
19.50		140	238	4356
19.75		140	238	4356
19.84	25/32	140	238	4356
20.00		140	238	4596

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
20.24	51/64	145	243	4752
20.25		145	243	4752
20.50		145	243	4752
20.64	13/16	145	243	4752
20.75		145	243	4940
21.00		145	243	4940
21.03	53/64	145	243	5149
21.25		150	248	5149
21.43	27/32	150	248	5149
21.50		150	248	5223
21.75		150	248	5223
21.83	55/64	150	248	5315
22.00		150	248	5315
22.22	7/8	150	248	5315
22.25		150	248	5699
22.50		155	253	5699
22.62	57/64	155	253	5898
22.75		155	253	5898
23.00		155	253	6012
23.02	29/32	155	253	6326
MT3				
23.25		155	276	7183
23.42	59/64	155	276	7183
23.50		155	276	7183
23.75		160	281	7183
23.81	15/16	160	281	7183
24.00		160	281	7371
24.21	61/64	160	281	7371
24.25		160	281	7371
24.50		160	281	7515
24.61	31/32	160	281	7515
24.75		160	281	7848
25.00	63/64	160	281	7848
25.25		165	286	7944
25.40	1	165	286	7944
25.50		165	286	9064
25.75		165	286	9064
25.80	1.1/64	165	286	9010

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.

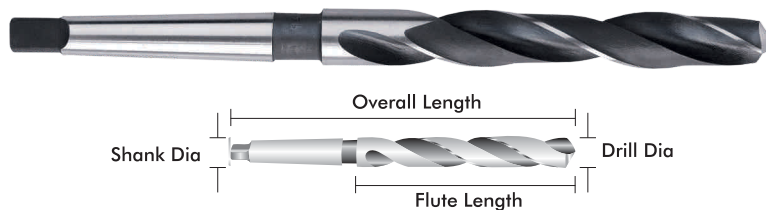


Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
26.00		165	286	9010
26.19	1.1/32	165	286	9010
26.25		165	286	9062
26.50		165	286	10109
26.59	1.3/64	170	291	9672
26.75		170	291	9672
26.99	1.1/16	170	291	10092
27.00		170	291	10092
27.25		170	291	10092
27.38	1.5/64	170	291	10092
27.50		170	291	10092
27.75		170	291	10092
27.78	1.3/32	170	291	10092
28.00		170	291	10926
28.18	1.7/64	175	296	10949
28.25		175	296	10949
28.50		175	296	10949
28.57	1.1/8	175	296	10949
28.75		175	296	11832
28.97	1.9/64	175	296	11471
29.00		175	296	11471
29.25		175	296	11471
29.37	1.5/32	175	296	11471
29.50		175	296	11515
29.75		175	296	11515
29.77	1.11/64	175	296	11857
30.00		175	296	11523
30.16	1.3/16	180	301	12400
30.25		180	301	12856
30.50		180	301	12856
30.56	1.13/64	180	301	13054
30.75		180	301	13054
30.96	1.7/32	180	301	13054
31.00		180	301	14546
31.25		180	301	14546
31.35	1.15/64	180	301	15179
31.50		180	301	15179
31.75	1.1/4	185	306	16358

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT4				
32.00		185	334	17098
32.15	1.17/64	185	334	17098
32.50		185	334	17098
32.54	1.9/32	185	334	17098
32.94	1.19/64	185	334	17504
33.00		185	334	17504
33.34	1.5/16	185	334	17504
33.50		185	334	18263
33.73	1.21/64	190	339	18605
34.00		190	339	18605
34.13	1.11/32	190	339	19215
34.50		190	339	20182
34.53	1.23/64	190	339	20385
34.92	1.3/8	190	339	20385
35.00		190	339	20385
35.32	1.25/64	190	339	21400
35.50		190	339	21400
35.72	1.13/32	195	344	21400
36.00		195	344	21717
36.12	1.27/64	195	344	22164
36.50		195	344	22164
36.51	1.7/16	195	344	22164
36.91	1.29/64	195	344	22164
37.00		195	344	22706
37.31	1.15/32	195	344	22706
37.50		195	344	24193
37.70	1.31/64	200	349	25983
38.00		200	349	25983
38.10	1.1/2	200	349	25983
38.50	1.33/64	200	349	25983
38.89	1.17/32	200	349	25983
39.00		200	349	26825
39.29	1.35/64	200	349	26825
39.50		200	349	26825
39.69	1.9/16	200	349	26825
40.00		200	349	27503
40.08	1.37/64	205	354	27975

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	27975
40.50		205	354	29079
40.88	1.39/64	205	354	29079
41.00		205	354	29079
41.27	1.5/8	205	354	29079
41.50		205	354	30230
41.67	1.41/64	205	354	30230
42.00		205	354	30816
42.07	1.21/32	205	354	30230
42.47	1.43/64	205	354	30994
42.50		205	354	30994
42.86	1.11/16	210	359	31379
43.00		210	359	32119
43.26	1.45/64	210	359	32119
43.50		210	359	32119
43.66	1.23/32	210	359	32119
44.00		210	359	33248
44.05	1.47/64	210	359	33248
44.45	1.3/4	210	359	33248
44.50		210	359	33248
44.85	1.49/64	210	359	34031
45.00		210	359	34031
45.24	1.25/32	215	364	34031
45.50		215	364	35564
45.64	1.51/64	215	364	35564
46.00		215	364	35564
46.04	1.13/16	215	364	35564
46.43	1.53/64	215	364	37367
46.50		215	364	37367
46.83	1.27/32	215	364	37367
47.00		215	364	37367
47.23	1.55/64	215	364	38157
47.50		215	364	38157
47.62	1.7/8	220	369	38157
48.00		220	369	41604
48.02	1.57/64	220	369	41604
48.42	1.29/32	220	369	41604
48.50		220	369	41894

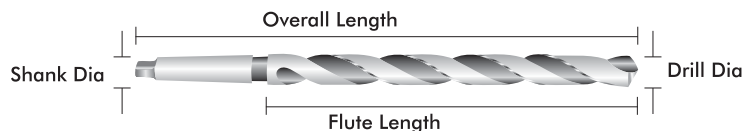
Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
48.82	1.59/64	220	369	41894
49.00		220	369	41894
49.21	1.15/16	220	369	41894
49.50		220	369	42345
49.61	1.61/64	220	369	42345
50.00		220	369	42345
50.01	1.31/32	225	374	42683
50.40	1.63/64	225	374	44598
50.50		225	374	44598
50.80	2	225	374	44598
MT5				
51.00		225	412	61154
51.50		225	412	61154
51.59	2.1/32	225	412	61154
52.00		225	412	61154
52.39	2.1/16	225	412	61154
52.50		225	412	85691
53.00		225	412	78808
53.18	2.3/32	230	417	78808
53.50		230	417	78808
53.97	2.1/8	230	417	78808
54.00		230	417	78808
54.50		230	417	82768
54.77	2.5/32	230	417	82768
55.00		230	417	82768
55.50		230	417	82768
55.56	2.3/16	230	417	82768
56.00		230	417	86259
56.36	2.7/32	230	417	86259
56.50		230	417	86259
57.00		235	422	86259
57.15	2.1/4	235	422	86259
57.50		235	422	94143
57.94	2.9/32	235	422	94143
58.00		235	422	94143
58.50		235	422	94143
58.74	2.5/16	235	422	94143
59.00		235	422	95946
59.50		235	422	95946
59.53	2.11/32	235	422	95946
60.00		235	422	95946

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.

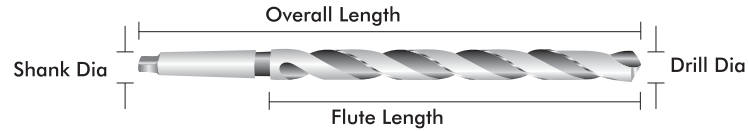


Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT1				
5.00		74	155	2090
5.16	13/64	74	155	2115
5.20		74	155	2137
5.50		80	161	2160
5.56	7/32	80	161	2160
5.80		80	161	2160
5.95	15/64	80	161	2160
6.00		80	161	2160
6.20		86	167	2831
6.35	1/4	86	167	2831
6.50		86	167	2831
6.75	17/64	93	174	2856
6.80		93	174	2875
7.00		93	174	2831
7.14	9/32	93	174	3135
7.20		93	174	3252
7.50		93	174	2831
7.54	19/64	100	181	3017
7.80		100	181	3180
7.94	5/16	100	181	3159
8.00		100	181	3135
8.20		100	181	3204
8.33	21/64	100	181	3135
8.50		100	181	2875
8.73	11/32	107	188	3225
8.80		107	188	3528
9.00		107	188	3204
9.13	23/64	107	188	3551
9.20		107	188	3899
9.50		107	188	3621
9.52	3/8	116	197	3852
9.80		116	197	4177
9.92	25/64	116	197	3970
10.00		116	197	3784
10.20		116	197	4177
10.32	13/32	116	197	3989
10.50		116	197	3830

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
10.72	27/64	125	206	3899
10.80		125	206	3989
11.00		125	206	3989
11.11	7/16	125	206	4706
11.20		125	206	4129
11.50		125	206	4706
11.51	29/64	125	206	4129
11.80		125	206	4129
11.91	15/32	134	215	4754
12.00		134	215	5404
12.20		134	215	5404
12.30	31/64	134	215	5404
12.50		134	215	5404
12.70	1/2	134	215	5429
12.80		134	215	5452
13.00		134	215	5452
13.10	33/64	134	215	5567
13.20		134	215	5707
13.49	17/32	142	223	5891
13.50		142	223	6098
13.80		142	223	6098
13.89	35/64	142	223	6098
14.00		142	223	6098
MT2				
14.25		147	245	7678
14.29	9/16	147	245	8141
14.50		147	245	8141
14.68	37/64	147	245	7976
14.75		147	245	7976
15.00		147	245	8141
15.08	19/32	153	251	8023
15.25		153	251	8070
15.48	39/64	153	251	8070
15.50		153	251	8070
15.75		153	251	8070
15.87	5/8	153	251	8275
16.00		153	251	8302
16.25		159	257	8302

HSS Taper Shank Twist Long Series Drill

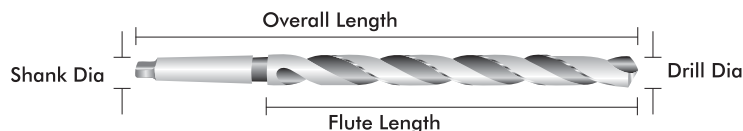
To IS : 8305 -1976



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
16.27	41/64	159	257	8579
16.50		159	257	8857
16.67	21/32	159	257	8857
16.75		159	257	8857
17.00		159	257	8857
17.07	43/64	165	263	8930
17.25		165	263	8999
17.46	11/16	165	263	9160
17.50		165	263	9320
17.75		165	263	9460
17.86	45/64	165	263	9647
18.00		165	263	9829
18.25		171	263	9829
18.26	23/32	171	269	9829
18.50		171	269	9829
18.65	47/64	171	269	9902
18.75		171	269	9945
19.00		171	269	9945
19.05	3/4	177	275	10205
19.25		177	275	10484
19.45	49/64	177	275	10484
19.50		177	275	10484
19.75		177	275	10484
19.84	25/32	177	275	10015
20.00		177	275	9578
20.24	51/64	184	282	9647
20.25		184	282	9716
20.50		184	282	9716
20.64	13/16	184	282	9923
20.75		184	282	10135
21.00		184	282	10135
21.03	53/64	184	282	11199
21.25		191	289	12288
21.43	27/32	191	289	12472
21.50		191	289	12635
21.75		191	289	12635
21.83	55/64	191	289	12778
22.00		191	289	12890

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
22.22	7/8	191	289	13467
22.25		191	289	14049
22.50		198	296	14097
22.62	57/64	198	296	14234
22.75		198	296	14372
23.00		198	296	14372
23.02	29/32	198	296	15438
MT3				
23.25		198	319	16484
23.42	59/64	198	319	16692
23.50		198	319	16924
23.75		206	327	17015
23.81	15/16	206	327	17271
24.00		206	327	17504
24.21	61/64	206	327	17666
24.25		206	327	17830
24.50		206	327	17830
24.61	31/32	206	327	18221
24.75		206	327	18615
25.00	63/64	206	327	18615
25.25		214	335	18988
25.40	1	214	335	18270
25.50		214	335	17551
25.75		214	335	17551
26.00		214	335	17734
26.19	1.1/32	214	335	18361
26.25		214	335	19009
26.50		214	335	19009
26.75		222	343	22996
26.99	1.1/16	222	343	23387
27.00		222	343	23761
27.25		222	343	23761
27.50		222	343	23830
27.75		222	343	23830
27.78	1.3/32	222	343	24944
28.00		222	343	26056
28.25		230	351	26288
28.50		230	351	26288

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	26680
28.75		230	351	27097
29.00		230	351	27539
29.25		230	351	27539
29.37	1.5/32	230	351	27585
29.50		230	351	27631
29.75		230	351	27631
30.00		230	351	28211
30.16	1.3/16	239	360	27860
30.25		239	360	27511
30.50		239	360	27511
30.75		239	360	27956
30.96	1.7/32	239	360	27701
31.00		239	360	27446
31.25		239	360	27446
31.50		239	360	28651
31.75	1.1/4	248	369	28883
MT4				
32.00		248	397	31178
32.50		248	397	35325
32.54	1.9/32	248	397	35743
33.00		248	369	36184
33.34	1.5/16	348	369	36809
33.50		248	369	37411
34.00		257	406	38408
34.13	1.11/32	257	406	37760
34.50		257	406	37111
34.92	1.3/8	257	406	37272
35.00		257	406	37461
35.50		257	406	39707
35.72	1.13/32	267	416	40797
36.00		267	416	41885
36.50		267	416	42743
36.51	1.7/16	267	416	43279
37.00		267	416	43809
37.31	1.15/32	267	416	45225
37.50		267	416	46635
38.00		277	426	46427

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
38.10	1.1/2	277	426	47143
38.50		277	426	47865
38.89	1.17/32	277	426	49281
39.00		277	426	50692
39.50		277	426	50692
39.69	1.9/16	277	426	51340
40.00		277	426	51992
40.48	1.19/32	287	436	53728
40.50		287	436	55468
41.00		287	436	55468
41.27	1.5/8	287	436	56556
41.50		287	436	57647
42.00		287	436	57647
42.07	1.21/32	287	436	58390
42.50		287	436	59128
42.86	1.11/16	298	447	60517
43.00		298	447	61932
43.50		298	447	61932
43.66	1.23/32	298	447	63025
44.00		298	447	64114
44.45	1.3/4	298	447	64114
44.50		298	447	64114
45.00		298	447	65621
45.24	1.25/32	310	459	67544
45.50		310	459	69468
46.00		310	459	69468
46.04	1.13/16	310	459	74104
46.50		310	459	77834
46.83	1.27/32	310	459	77834
47.00		310	459	77834
47.50		310	459	79456
47.62	1.7/8	321	470	83489
48.00		321	470	87522
48.42	1.29/32	321	470	87846
48.50		321	470	88168
49.00		321	470	88168
49.21	1.15/16	321	470	88030
49.50		321	470	87914
50.00		321	470	87914

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.

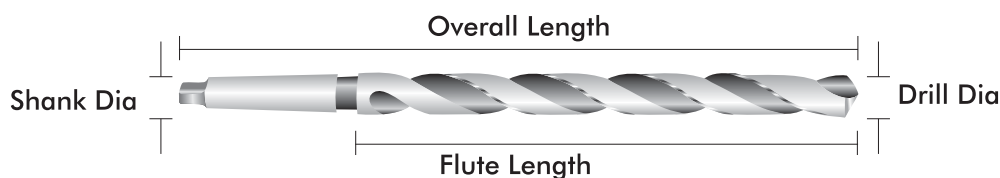
Terms & Conditions:

- Prices are F.O.R. Destination.
- 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

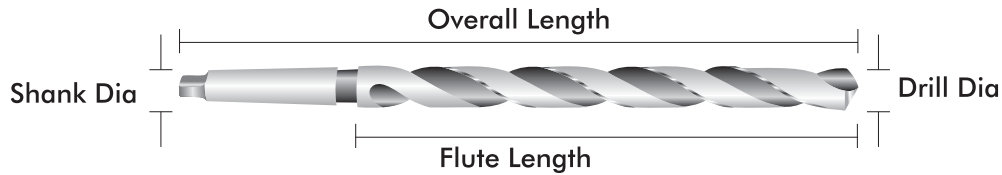
To IS : 7822 / DIN : 328



Size		Over all Length in mm			
mm	inch	200	225	250	275
3.00	1/8	2965	3517	3901	4289
3.50		2965	3637	4045	4458
4.00	5/32	2867	3517	3926	4312
4.50		3419	3830	4265	5151
5.00	3/16	3274	3684	4096	4958
5.50		3157	3901	4337	4789
6.00		3157	3901	4337	4789
6.35	1/4	3541	3975	4407	5348
6.50		3541	3975	4407	5348
7.00		3396	3806	4239	5126
7.50		3734	4191	4673	5586
7.94	5/16	3590	4022	4481	5370
8.00		3590	4022	4481	5370
8.50		3684	4141	4601	5512
9.00		3879	4359	4839	5825
9.50		3879	4359	4839	5825
9.52	3/8	3998	4359	4839	5825
10.00		3926	4407	4911	5896
10.50		4744	5318	5922	6523
11.00		4720	5318	5896	6502
11.11	7/16	4887	5489	6089	6716
11.50		4887	5489	6089	6716
12.00			5318	5922	7171
12.50			5318	5922	7171
12.70	1/2		5318	5922	7171
13.00				7010	9051
13.50				7533	9748
14.00				7533	9748
14.29	9/16			8449	9292
14.50				8449	9292
15.00				8449	9292
15.50				8376	9170
15.87	5/8			8570	9436
16.00				8618	9436
16.50				9193	9844
17.00				9193	9844

Size		Over all Length in mm				
mm	inch	300	315	325	350	375
3.00	1/8	4789		5756		
3.50		5058	5058	6018		
4.00	5/32	4887	4887	5825		
4.50		5756	5756	6235		
5.00	3/16	5537	5537	5996		
5.50		5318	5318	6427		
6.00		5318	5318	6427	6619	
6.35	1/4	5948	5948			
6.50		5948	5948	7171		
7.00		5731	5731	7580		
7.50		6358	6358	7580		
7.94	5/16	6117	6117	7267		
8.00		6117	6117	7267		
8.50		6283	6283	7460		
9.00		6595	6595	7871		
9.50		6595	6595	7871		
9.52	3/8	6595	6595	7871		
10.00		6692	6692	7968	8592	10038
10.50		7101	7101	9314	9314	11096
11.00		7079	7079	8641	9292	11071
11.11	7/16	7318	7318	8930	9601	11431
11.50		7318	7318	8930	9601	11431
12.00		7991	7991	9628	9341	12225
12.50		7991	7991	9628	10374	12225
12.70	1/2	7991	7991	9628	10374	12225
13.00		9892	9892	10709	11527	13910
13.50		10638	10638	11527	12417	14943
14.00		10638	10638	11527	12417	14632
14.29	9/16	10132	10132	12081	13020	15210
14.50		10132	10132	12081	13020	13020
15.00		10132	10132	12081	13020	15210
15.50		10014	10014	11914	12854	14995
15.87	5/8	10301	10301	12274	13216	15449
16.00		10301	10301	12274	13216	15449
16.50		10735	10735	12780	13766	16099
17.00		10735	10735	12780	13766	16099

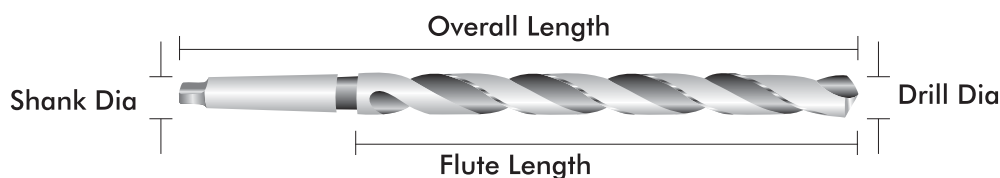
MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.



Size		Over all Length in mm				
mm	inch	300	315	325	350	375
17.45	11/16	11023	11023	13143	14152	16532
17.50		11023	11023	13143	14152	16532
18.00		11384	11384	13574	14609	17060
18.50		11384	11384	13574	14609	17060
19.00		11527	11527	13718	14775	17277
19.05	3/4	11527	11527	13718	14775	17277
19.50		11844	11844	14128	15210	17783
20.00		12733	12733	13863	14847	17520
20.50		12637	12637	13695	14725	17349
20.64	13/16	13164	13164	14272	15357	18098
21.00		13164	13164	14272	15357	18098
21.50		13622	13622	14775	15908	18747
22.00		13888	13888	15041	16196	19083
22.22	7/8	14826	14826	16051	17302	18529
22.50		14826	14826	16051	17302	18529
23.00		15115	15115	16387	17639	18891
23.50		16508	16508	17881	19253	20624
23.81	15/16	16677	16677	18070	19444	20838
24.00		16677	16677	18070	19444	20838
24.50		16965	16965	18387	19782	21200
25.00			19202	20671	22162	
25.40	1			20671	23966	
25.50				22379	23966	
26.00				22622	24233	
26.50				24233	25965	
26.99	1.1/16			25171	26974	
27.00				25171	26974	
27.50				25243	27045	
28.00				27601	29572	
28.50				27217	29163	
28.57	1.1/8			27217	29163	
29.00				28491	30536	
29.50				28610	30656	
30.00				29210	31283	
30.16	1.3/16			29210	31283	
31.00				29548	31668	

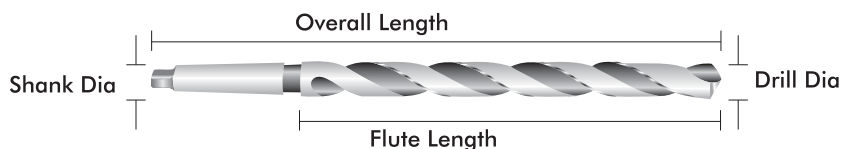
HSS Taper Shank Twist Extra Long Series Drill

To IS : 7822 / DIN : 328



Size		Over all Length in mm				
mm	inch	400	425	450	475	500
10.00		10709				
10.50		11844				
11.00		11794				
11.11	7/16	12203				
11.50		12203				
12.00		11374				
12.50		13020				
12.70	1/2	13020				
13.00		13476				
13.50		15956				
14.00		15594		20528		
14.29	9/16	16219	19393			
14.50		16219	19393	20528	25676	27045
15.00		16219	19393	20528	25676	27045
15.50		16003	19133	20262	25339	26661
15.87	5/8	16459	19684	20838	26059	27433
16.00		16459	19684	20838	26059	27433
16.50		17157	20503	21730	27167	28610
17.00		17157	20503	22333	27939	28610
17.45	11/16	17639	21106	22333	27939	29405
17.50		17639	21106	22333	27939	29405
18.00		18218	21778	23055	28828	30346
18.50		18218	21778	23055	28828	30346
19.00		18432	22015	23319	29163	30706
19.05	3/4	18432	22015	23319	29163	30706
19.50		18963	22668	23994	30008	31597
20.00		18674	21659	22934	29239	30780
20.50		18529	21467	22716	28997	30514
20.64	13/16	19322	22379	23705	30223	31813
21.00		19322	22379	23705	30223	31813
21.50		19973	23174	24543	31283	32943
22.00		20360	23607	24978	31859	33545
22.22	7/8	19755	23100	24447	28178	29646
22.50		19755	23100	24447	28178	29646
23.00		20166	23559	24955	28733	30223
23.50		21994	25724	27239	31354	33013
23.81	15/16	22234	25965	27505	31668	33328
24.00		22234	25965	27505	31668	33328
24.50		22622	27045	28634	33567	35350
25.00		23632	27624	29239	33663	35447
25.40	1	25578	29885	31643	36455	38357
25.50		25578	29885	31643	36455	38357

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		25845	30223	32000	36839	38790	
26.50		27697	29429	31163	36190	38091	
26.99	1.1/16	28758	30562	32342	37561	39538	
27.00		28758	30562	32342	37561	39538	
27.50		28850	30656	32462	37679	39680	
28.00		31547	35202	37248	41195	43362	
28.50		31113	34697	36743	40618	42761	
28.57	1.1/8	31113	34697	36743	40618	42761	
29.00		32557	36336	38475	42544	44782	
29.50		32700	36480	38620	42709	44947	
30.00		33374	37248	39439	43599	45886	
30.16	1.3/16	33374	37248	39439	43599	45886	
31.00		33761	38114	40354	42592	44851	
31.75	1.1/4	33761	38114	40354	42592	44851	
32.00		34770	39249	41552	43890	46177	57051
33.00		35612	40184	42565	44924	47284	58423
33.34	1.5/16	35612	40184	42565	44924	50915	58423
34.00		36985	41747	44205	46656	49110	60684
34.92	1.3/8	40858	43406	45982	51561	55175	56978
35.00		40858	43406	45982	51561	54283	56978
36.00		41797	44419	47041	56256	59217	62174
36.51	1.7/16	43721	46465	49181	58829	59407	65037
37.00		43721	46465	49181	58829	61933	65037
38.00		45261	48076	50915	60901	64125	67325
38.10	1.1/2	45261	48076	50915	60901	61646	67325
39.00		49592	52503	55607	62608	65905	73510
40.00		50701	53851	57027	64196	67591	75409
41.00						70450	
41.27	1.5/8					70450	
42.00						73194	
43.00						76708	
44.00						79405	
44.45	1.3/4					81277	
45.00						81277	
45.50	1.13/16					83809	
46.00						83809	
47.00						88019	
47.62	1.7/8					96655	
48.00						96655	
49.00	1.15/16					97376	
50.00						97088	

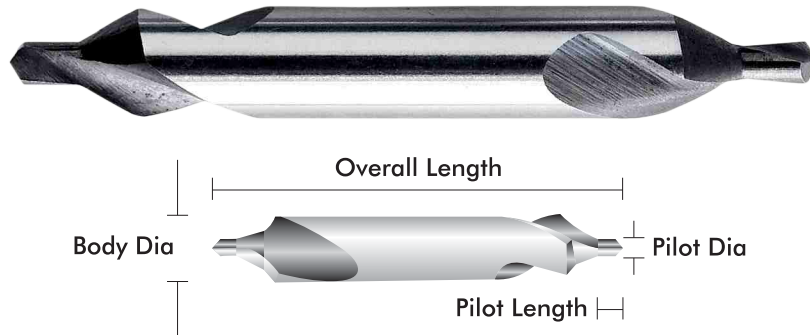
Special notes:

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

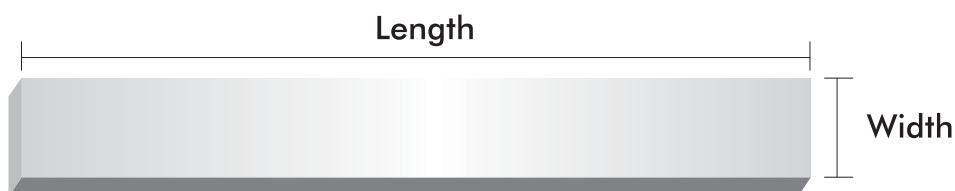
Pilot Dia mm k 12	Body Dia mm h9	Pilot Length mm				Price 1 N
		Max.	Min.	Max.	Min.	
1.00	3.15	33.5	29.5	1.9	1.3	396
1.25	3.15	33.5	29.5	2.2	1.6	396
1.60	4.00	37.5	33.5	2.8	2.0	396
2.00	5.00	42.0	38.0	3.3	2.5	396
2.50	6.30	47.0	43.0	4.1	3.1	442
3.15	8.00	52.0	48.0	4.9	3.9	647
4.00	10.00	59.0	53.0	6.2	5.0	808
5.00	12.50	66.0	60.0	7.5	6.3	1338

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	783
2.00	8.00	52	48	3.3	2.5	1124
2.50	10.00	59	53	4.1	3.1	1415
3.15	11.20	63	57	4.9	3.9	1874
4.00	14.00	70	64	6.2	5.0	2230

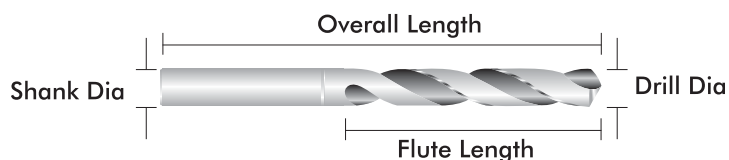
AS PER B.S. 328 (PART 2)

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	396
BS 2	1/16	3/16	3/32	5/64	1.3/4	± 1/33	396
BS 3	3/32	1/4	5/32	1/8	2	± 1/16	442
BS 4	1/8	5/16	3/16	5/32	2.1/4	± 1/16	687
BS 5	3/16	7/16	9/32	1/4	2.1/2	± 3/32	865
BS 6	1/4	5/8	0.375	0.312	3.093	2.906	1462



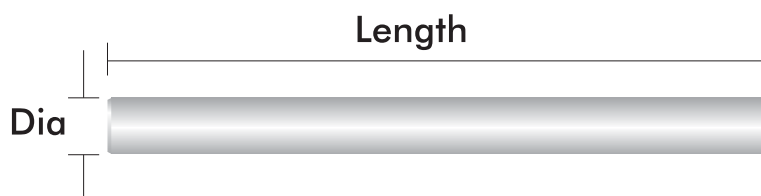
Size in Inch	Size in MM	Price (RS.) Each			
		JK (KT-0)	JK (KT-5)	JK (KT-8)	JK (KT-10)
3/16 x 3	5 x 75	179	314	399	418
3/16 x 4	5 x 100	226	466	597	617
3/16 x 6	5 x 150	353	851	1275	1290
1/4 x 3	6 x 75	195	408	539	558
1/4 x 4	6 x 100	243	543	716	737
1/4 x 6	6 x 150	342	890	1191	1215
5/16 x 3	8 x 75	215	524	699	716
5/16 x 4	8 x 100	296	737	978	995
5/16 x 6	8 x 150	484	1159	1550	1569
3/8 x 3	10 x 75	278	619	837	855
3/8 x 4	10 x 100	323	810	1113	1132
3/8 x 6	10 x 150	523	1296	1768	1788
3/8 x 8	10 x 200	711	1833	2542	2560
1/2 x 3	12 x 75	408	968	1353	1392
1/2 x 4	12 x 100	535	1296	1768	1809
1/2 x 6	12 x 150	831	1989	2797	2840
1/2 x 8	12 x 200	1080	2779	3909	3949
5/8 x 4	16 x 100	849	2124	2997	3037
5/8 x 6	16 x 150	1306	3203	4385	4442
5/8 x 8	16 x 200	1661	4379	6152	6229
3/4 x 4	20 x 100	1136	2971	4126	4168
3/4 x 6	20 x 150	1793	4437	6051	6110
3/4 x 8	20 x 200	2391	5940	8273	8372
1 x 6	25 x 150	2994	7365	10134	10256
1 x 8	25 x 200	4071	9817	13526	13665

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	100	170
5/32	4.00	40	78	110	191
3/16	5.00	45	88	118	203
7/32	5.50	50	88	143	237
15/64	6.00	54	102	158	272
1/4	6.50	54	102	140	272
9/32	7.00	55	108	271	316
5/16	8.00	64	118	271	413
11/32	9.00	78	135	312	534
3/8	10.00	78	135	312	534
7/16	11.00	82	148	390	664
15/32	12.00	85	152	390	664
1/2	13.00	85	152	390	664
Masonry Bit Set (1/8 - 3/8) (5 pc)					887
Masonry Bit Set 4.00 to 10.00 mm (5 pc) (E-Com)					915

MAXIMUM RETAIL PRICE LIST PRICES IN RUPEES PER 1 NO.



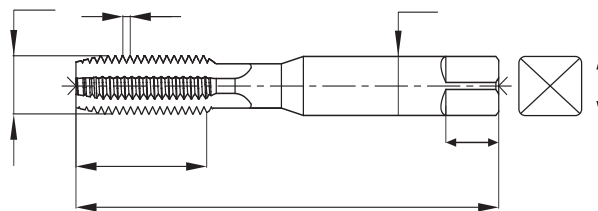
Size - Diameter		dg/lg	Price (Rs.) 10 Pcs
mm	inch		
0.50 to 0.69			1210
0.70 to 0.79			1210
0.80 to 0.89	1/32		1210
0.90 to 0.99			1210
1.00 to 1.60	3/64, 1/16	61 to 53	670
1.61 to 2.78	5/64, 3/32, 7/64	52 to 36	710
2.79 to 3.00		35 to 32	740
3.05 to 3.17	1/8	31	880
3.20 to 3.57	9/64	30 to 28	890
3.60 to 4.00	5/32	27 to 22	1100
4.04 to 4.40	11/64	21 to 17	1250
4.50 to 4.80	3/16	16 to 12	1790
4.85 to 5.20	13/64	11 to 6	1780
5.22 to 5.60	7/32	5 to 8	1890
5.61 to 6.00	15/64	2, 1 & A	2120
6.04 to 6.40	1/4	B to E	2330
6.50 to 6.80	17/64	F to H	2930
6.90 to 7.20	9/32	I to K	3410
7.30 to 7.50		L to M	3790
7.54 to 7.90	19/64	N	3890
7.94 to 8.20	5/16	O & P	4280
8.30 to 8.70	21/64	Q & R	5150
8.73 to 9.09	11/32	S & T	5330
9.10 to 9.50	23/64	U	5630
9.52 to 9.80	3/8	V & W	6310
9.90 to 10.20	25/64	X	7280
10.26 to 10.60	13/32	Y & Z	7710
10.70 to 11.00	27/64		8130
11.10 to 11.40	7/16		9100
11.50 to 11.80	29/64		9570
11.90 to 12.20	15/32		10260
12.30 to 12.60	31/64		10790
12.70 to 13.00	1/2		11370

- 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%

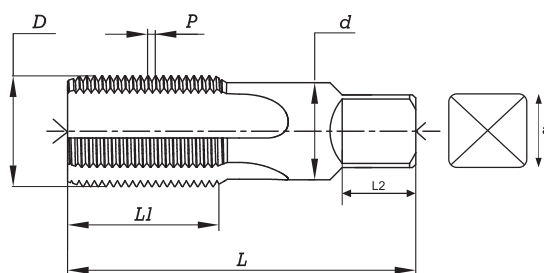
- Use coolant whenever possible, this will keep the drill cooler. Chip welding and breakage are also reduced. Coolant helps the drill to last and will give the drill a better chance of operating without failing.
- Chips should be short and broken up.
- Keep drills sharp! Sharp drills perform better and 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	386	1158	447	624	565	657	846	1000
M3.5X0.6	386	1158	480		565	657	846	1000
M4X0.7	386	1158	480	624	565	657	846	1000
M4.5X0.75	411	1232	510		602	700	846	1000
M5X0.8	411	1232	510	657	612	692	595	739
M6X1.0	411	1232	510	657	612	692	641	794
M7X1.0	524	1572	619				735	864
M8X1.25	494	1482	591	884	799	953	699	864
M9X1.25	598	1794	729				874	1081
M10X1.5	598	1794	729	1122	1010	1201	874	1081
M11X1.5	925	2775	1116				1229	1549
M12X1.75	925	2775	1116	1474	1357	1621	1229	1549
M14X2.0	1324	3972	1602	2108	2060	2390		
M16X2.0	1349	4047	1632	2207	2090	2504		
M18X2.5	2055	6165	2487	3212	2793	3212		
M20X2.5	2604	7812	3151	4148	4150	4701		
M22X2.5	2812	8436	3403	4423	4250	4815		
M24X3.0	3114	9342	3768	4898	4480	5185		

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		405	28	649
3/16	24		24	32	405		
1/4	20	28	20	26	412	19	994
5/16	18	24	18	22	477		
3/8	16	24	16	20	569	19	1273
7/16	14	20	14	18	739		
1/2	13	20	12	16	932	14	2115
9/16	12	18	12	16	1343		
5/8	11	18	11	14	1343	14	2230
3/4	10	16	10	12	2067	14	3140
7/8	9	14	9	11	2761		
1	8	12	8	10	3575	11	4928

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	Standard Taps	SPPT	SPPT Tin	Spiral Flute	Spiral Flute Tin
M 4X0.35	660	791	1012	779	872
M 4X0.5	660	791	1012	779	872
M 4X0.75	603	766	980	706	804
M 5X0.5	647	774	991	802	882
M 5X0.75	647	774	991	802	882
M 6X0.75	647	774	991	789	884
M 8X1.0	677	809	1035	846	981
M 9X1.0	833	1064	1362	1000	1169
M 10X1.0	768	930	1213	998	1168
M 10X1.25	768	930	1213	998	1158
M 12X1.0	1259	1424	1595	1599	1839
M 12X1.25	1259	1424	1598	1599	1839
M 12X1.5	1259	1424	1598	1561	1811
M 14X1.5	1567	1886	2131	2006	2347
M 14X1.25	1650	1988	2227	2112	2450
M 14X1.0	1615	1942	2175	2099	2435
M 16X1.5	1597	1922	2207	2076	2429
M 16X1.0	1646	1979	2256	2123	2484

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.

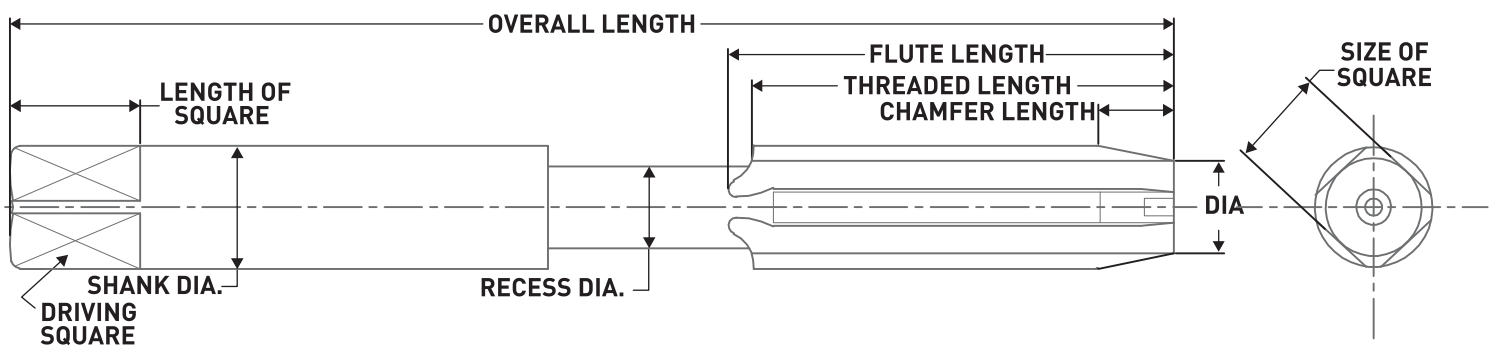
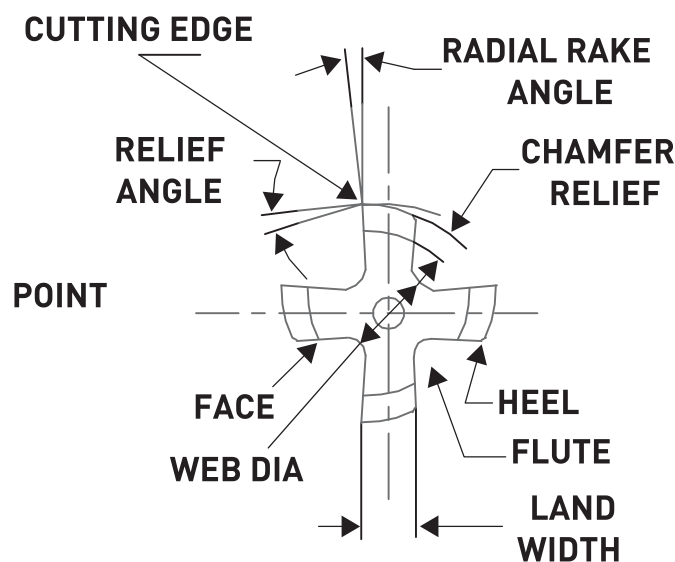
These are straight flute general purpose taps which can be used for both machine or hand tapping. They are generally the most economical tool for use on production runs, but are best on materials that produce chips, or where the swarf breaks readily. Where deep holes are to be tapped, in materials which 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	2645
2	Carbide Tipped Annular Cutter 13*35	JKSDAC1335C	2645
3	Carbide Tipped Annular Cutter 14*35	JKSDAC1435C	2645
4	Carbide Tipped Annular Cutter 15*35	JKSDAC1535C	2645
5	Carbide Tipped Annular Cutter 16*35	JKSDAC1635C	2645
6	Carbide Tipped Annular Cutter 17*35	JKSDAC1735C	2645
7	Carbide Tipped Annular Cutter 18*35	JKSDAC1835C	2645
8	Carbide Tipped Annular Cutter 19*35	JKSDAC1935C	2645
9	Carbide Tipped Annular Cutter 20*35	JKSDAC2035C	2645
10	Carbide Tipped Annular Cutter 21*35	JKSDAC2135C	2645
11	Carbide Tipped Annular Cutter 22*35	JKSDAC2235C	2645
12	Carbide Tipped Annular Cutter 23*35	JKSDAC2335C	2645
13	Carbide Tipped Annular Cutter 24*35	JKSDAC2435C	2645
14	Carbide Tipped Annular Cutter 25*35	JKSDAC2535C	2645
15	Carbide Tipped Annular Cutter 26*35	JKSDAC2635C	2950
16	Carbide Tipped Annular Cutter 27*35	JKSDAC2735C	2848
17	Carbide Tipped Annular Cutter 28*35	JKSDAC2835C	2848
18	Carbide Tipped Annular Cutter 29*35	JKSDAC2935C	2848
19	Carbide Tipped Annular Cutter 30*35	JKSDAC3035C	3300
20	Carbide Tipped Annular Cutter 31*35	JKSDAC3135C	3561

Sr. No.	Description	Item Codes	M.R.P.
21	Carbide Tipped Annular Cutter 32*35	JKSDAC3235C	3561
22	Carbide Tipped Annular Cutter 33*35	JKSDAC3335C	3561
23	Carbide Tipped Annular Cutter 34*35	JKSDAC3435C	3561
24	Carbide Tipped Annular Cutter 35*35	JKSDAC3535C	3561
25	Carbide Tipped Annular Cutter 36*35	JKSDAC3635C	4069
26	Carbide Tipped Annular Cutter 37*35	JKSDAC3735C	4069
27	Carbide Tipped Annular Cutter 38*35	JKSDAC3835C	4069
28	Carbide Tipped Annular Cutter 39*35	JKSDAC3935C	4069
29	Carbide Tipped Annular Cutter 40*35	JKSDAC4035C	4069
30	Carbide Tipped Annular Cutter 41*35	JKSDAC4135C	5087
31	Carbide Tipped Annular Cutter 42*35	JKSDAC4235C	5087
32	Carbide Tipped Annular Cutter 43*35	JKSDAC4335C	5087
33	Carbide Tipped Annular Cutter 44*35	JKSDAC4435C	5087
34	Carbide Tipped Annular Cutter 45*35	JKSDAC4535C	5087
35	Carbide Tipped Annular Cutter 46*35	JKSDAC4635C	6002
36	Carbide Tipped Annular Cutter 47*35	JKSDAC4735C	6002
37	Carbide Tipped Annular Cutter 48*35	JKSDAC4835C	6002
38	Carbide Tipped Annular Cutter 49*35	JKSDAC4935C	6002
39	Carbide Tipped Annular Cutter 50*35	JKSDAC5035C	6002

Carbide Tipped Annular Cutter

Cutting Depth : 50 MM



Sr. No.	Description	Item Codes	M.R.P.
1	Carbide Tipped Annular Cutter 12*50	JKSDAC1250C	2950
2	Carbide Tipped Annular Cutter 13*50	JKSDAC1350C	2950
3	Carbide Tipped Annular Cutter 14*50	JKSDAC1450C	2950
4	Carbide Tipped Annular Cutter 15*50	JKSDAC1550C	2950
5	Carbide Tipped Annular Cutter 16*50	JKSDAC1650C	2950
6	Carbide Tipped Annular Cutter 17*50	JKSDAC1750C	2950
7	Carbide Tipped Annular Cutter 18*50	JKSDAC1850C	2950
8	Carbide Tipped Annular Cutter 19*50	JKSDAC1950C	2950
9	Carbide Tipped Annular Cutter 20*50	JKSDAC2050C	2950
10	Carbide Tipped Annular Cutter 21*50	JKSDAC2150C	2950
11	Carbide Tipped Annular Cutter 22*50	JKSDAC2250C	2950
12	Carbide Tipped Annular Cutter 23*50	JKSDAC2350C	2950
13	Carbide Tipped Annular Cutter 24*50	JKSDAC2450C	2950
14	Carbide Tipped Annular Cutter 25*50	JKSDAC2550C	2950
15	Carbide Tipped Annular Cutter 26*50	JKSDAC2650C	3255
16	Carbide Tipped Annular Cutter 27*50	JKSDAC2750C	3255
17	Carbide Tipped Annular Cutter 28*50	JKSDAC2850C	3255
18	Carbide Tipped Annular Cutter 29*50	JKSDAC2950C	3255
19	Carbide Tipped Annular Cutter 30*50	JKSDAC3050C	3866
20	Carbide Tipped Annular Cutter 31*50	JKSDAC3150C	3866

Sr. No.	Description	Item Codes	M.R.P.
21	Carbide Tipped Annular Cutter 32*50	JKSDAC3250C	3866
22	Carbide Tipped Annular Cutter 33*50	JKSDAC3350C	3866
23	Carbide Tipped Annular Cutter 34*50	JKSDAC3450C	3866
24	Carbide Tipped Annular Cutter 35*50	JKSDAC3550C	3866
25	Carbide Tipped Annular Cutter 36*50	JKSDAC3650C	4679
26	Carbide Tipped Annular Cutter 37*50	JKSDAC3750C	4679
27	Carbide Tipped Annular Cutter 38*50	JKSDAC3850C	4679
28	Carbide Tipped Annular Cutter 39*50	JKSDAC3950C	4679
29	Carbide Tipped Annular Cutter 40*50	JKSDAC4050C	4679
30	Carbide Tipped Annular Cutter 41*50	JKSDAC4150C	6002
31	Carbide Tipped Annular Cutter 42*50	JKSDAC4250C	6002
32	Carbide Tipped Annular Cutter 43*50	JKSDAC4350C	6002
33	Carbide Tipped Annular Cutter 44*50	JKSDAC4450C	6002
34	Carbide Tipped Annular Cutter 45*50	JKSDAC4550C	6002
35	Carbide Tipped Annular Cutter 46*50	JKSDAC4650C	6409
36	Carbide Tipped Annular Cutter 47*50	JKSDAC4750C	6409
37	Carbide Tipped Annular Cutter 48*50	JKSDAC4850C	6409
38	Carbide Tipped Annular Cutter 49*50	JKSDAC4950C	6409
39	Carbide Tipped Annular Cutter 50*50	JKSDAC5050C	6409

Description	Item Codes	M.R.P.
Pilot Pin AC 6.34x90	SD7711379	520
Pilot Pin AC 6.34x105	SD7711380	520
Pilot Pin AC 7.98x90	SD7711381	620
Pilot Pin AC 7.98x105	SD7711382	620

SHAPE	JK CODE	Head Diameter mm	Head Length mm	Overall Length mm	Shank Diameter mm	MRP/PC Rs.
	JKSDMA1	3	8	38	3	472
	JKSDMA2	6.3	10.5	38	3	590
	JKSDA1	6	19	50	6	698
	JKSDA2	9.5	20	70	6	792
	JKSDA3	12.7	25	75	6	1070
	JKSDA4	9.5	9.5	60	6	759
	JKSDA5	16	13	63	6	1200
	JKSDA6	16	16	66	6	1469
	JKSDMB1	3	16	38	3	587
	JKSDMB2	6.3	12.7	38	3	648
	JKSDB1	6	20	50	6	828
	JKSDB2	8	19	69	6	826
	JKSDB3	9.5	19	69	6	907
	JKSDB4	12.7	19	69	6	1184
	JKSDB5	16	25	75	6	1877
	JKSDB6	12.7	25	75	6	1511
	JKSDMC1	3	16	38	3	639
	JKSDMC2	6.3	6.3	32	3	625
	JKSDMC3	6.3	12.7	38	3	657
	JKSDC1	3.8	14	50	6	654
	JKSDC2	6	20	70	6	825
	JKSDC3	8	19	69	6	832
	JKSDC4	9.5	19	69	6	906
	JKSDC5	12.7	19	69	6	1182
	JKSDC6	16	25	75	6	1879
	JKSDC7	12.7	14	64	6	1180
	JKSDC8	12.7	25	75	6	1662
	JKSDF1	6.3	16	56	6	851
	JKSDF2	8	19	69	6	961
	JKSDF3	9.5	25	75	6	1077
	JKSDF4	12.7	32	82	6	1894
	JKSDMK1	3	8	38	3	472
	JKSDMK2	6.3	12.7	38	3	590
	JKSDK1	9.5	19	69	6	894
	JKSDK2	12.7	19	69	6	1237
	JKSDK3	16	33	83	6	2155

SHAPE	JK CODE	Head Diameter mm	Head Length mm	Overall Length mm	Shank Diameter mm	MRP/PC Rs.
OVAL 	JKSDMO1	3	8	38	3	577.00
	JKSDMO2	6.3	9.5	38	3	736.00
	JKSDO1	8	12	62	6	849.00
	JKSDO2	12.7	19	69	6	1184.00
	JKSDO3	16	25	75	6	1678.00
	JKSDO4	6.3	10	60	6	979.00
BALL 	JKSDMS1	4	3.4	38	3	523.00
	JKSDMS2	2.5	2.3	38	3	445.00
	JKSDS1	6.3	6.3	56	6	648.00
	JKSDS2	8	6.4	46	6	683.00
	JKSDS3	9.5	8	58	6	704.00
	JKSDS4	12.7	11	61	6	969.00
	JKSDS5	16	14	64	6	1235.00
TREE POINTED END 	JKSDMT1	3	16	38	3	692.00
	JKSDMT2	3	13	38	3	692.00
	JKSDMT3	6.3	10	36	3	590.00
	JKSDT1	6	19	50	6	880.00
	JKSDT2	9.5	19	69	6	959.00
	JKSDT3	12.7	25	75	6	1258.00
	JKSDT4	16	32	82	6	2102.00
TREE RADIUS END 	JKSDTB1	6	19	69	6	763.00
	JKSDTB2	9.5	19	69	6	907.00
	JKSDTB3	12.7	25	75	6	1235.00

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

[illegible]

[illegible]



JK MAINI
PRECISION TECHNOLOGY
A **Raymond** GROUP COMPANY
(Formerly known as JK FEL Tools & Technologies Limited)



Authorised Dealer

Registered Office : Jekegram, Pokharan Road No. 1,
Thane (West), Maharashtra, India. Pin : 400606.
Phone No. +91 22 61527000 | Email Id: info.jkmaini@raymond.in
Website: www.jkmaini.com | www.jksuperdrive.com