

**LEADING PROJECT
SUPPLIER & STOCKIST
OF ALL TYPES OF
ELECTRICAL GOODS**



Chandan Electric Corporation

Since 1985

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HSS Drills

Price List w.e.f. 01st July 2022



JK Files & Engineering Limited

(Formerly known as JK Files (India) Limited)

A subsidiary of **Raymond** Limited



	Page no.
 HSS Straight Shank Jobber Drills ground Flute To IS: 5101 / DIN: 338 / BS: 328 / I.S.O.	03-06
 HSS Straight Shank Stub Series Drills To IS: 5100 / DIN: 1897 / BS: 328 / I.S.O.	07-09
 HSS Straight Shank Long Series Drills To IS: 5102 / DIN: 340 / BS: 328 / I.S.O.	10-12
 HSS Straight Shank Extra Long Series Drills To IS: 7823 / DIN: 340 / BS: 328 / I.S.O.	13
 HSS Taper Shank Twist Drills To IS: 5103 / DIN: 345 / BS: 328 / I.S.O.	14-17
 HSS Taper Shank Twist Drills (Long Series) To IS: 8305 – 1976	18-20
 HSS Taper Shank Twist Drills (Extra Long Series)	21-24
 HSS Centre Drills	25
 HSS Square Tool Bits	26
 Standard Masonry Drills	27
 Super Granit Masonry Drills	28
 HSS Jobber Blanks	29
Notes	30

TERMS AND CONDITIONS:

1. These are the current prices and supersede all previous price-lists.
2. Govt. levies, if any, will be charged extra as applicable
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.

HSS Straight Shank Jobber Drills Ground Flute

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



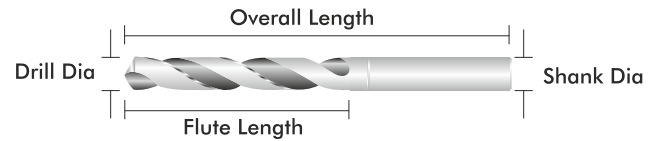
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 10 NOS.



JOBBER
STRAIGHT SHANK



Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
0.50					980
0.55			7	24	980
0.60			7	24	980
0.65			8	26	980
0.70			9	28	980
0.75	1/32		9	28	980
0.80			10	30	980
0.85			10	30	980
0.90			11	32	980
0.95			11	32	980
1.00			12	34	520
1.02		60			520
1.04		59	12	34	520
1.07		58			520
1.09		57			520
1.10			14	36	520
1.18		56			520
1.19	3/64				520
1.20			16	38	520
1.30			16	38	520
1.32		55			520
1.40		54	18	40	520
1.50			18	40	520
1.51		53			550
1.59	1/16				550
1.60			20	43	550
1.61		52			550
1.70		51	20	43	550
1.78		50			550
1.80			22	46	550
1.85		49	22	46	550
1.90			22	46	550
1.93		48			550
1.98	5/64		24	49	550
1.99		47	24	49	560
2.00			24	49	560
2.06		46	24	49	560
2.08		45	24	49	560

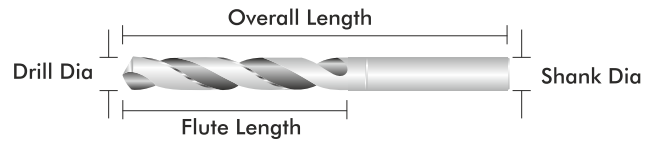
Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
2.10			24	49	560
2.18		44	27	53	560
2.20			27	53	560
2.26		43	27	53	560
2.30			27	53	560
2.37		42	30	57	560
2.38	3/32		30	57	560
2.40			30	57	560
2.44		41	30	57	560
2.49		40	30	57	560
2.50			30	57	560
2.53		39	30	57	560
2.58		38	30	57	560
2.60			30	57	560
2.64		37	30	57	580
2.70			33	61	580
2.71		36	33	61	580
2.78	7/64		33	61	580
2.79		35	33	61	580
2.80			33	61	580
2.82		34	33	61	580
2.87		33	33	61	580
2.90			33	61	580
2.95		32	33	61	580
3.00			33	61	580
3.05		31	36	65	720
3.10			36	65	720
3.17	1/8		36	65	720
3.20			36	65	800
3.26		30	36	65	800
3.30			36	65	800
3.40			39	70	800
3.45		29	39	70	800
3.50			39	70	800
3.57	9/64	28	39	70	800
3.60			39	70	1000
3.66		27	39	70	1080
3.70			39	70	1080

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 10 NOS.



JOBBER
STRAIGHT SHANK



Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
3.73		26	39	70	1080
3.80		25	43	75	1080
3.86		24	43	75	1080
3.90			43	75	1080
3.91		23	43	75	1080
3.97	5/32		43	75	1080
3.99		22	43	75	1080
4.00			43	75	1080
4.04		21	43	75	1280
4.09		20	43	75	1280
4.10			43	75	1280
4.20			43	75	1280
4.22		19	43	75	1280
4.30		18	47	80	1280
4.37	11/64		47	80	1300
4.39		17	47	80	1300
4.40			47	80	1300
4.50		16	47	80	1590
4.57		15	47	80	1590
4.60			47	80	1590
4.62		14	47	80	1590
4.70		13	47	80	1590
4.76	3/16		52	86	1590
4.80		12	52	86	1640
4.85		11	52	86	1710
4.90			52	86	1710
4.92		10	52	86	1710
4.98		9	52	86	1710
5.00			52	86	1720
5.06		8	52	86	1720
5.10			52	86	1720
5.11		7	52	86	1720
5.16	13/64		52	86	1720
5.18		6	52	86	1720
5.20			52	86	1720
5.22		5	52	86	1970
5.30			52	86	1970
5.31		4	57	93	1970

Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
5.40			57	93	1970
5.41		3	57	93	1970
5.50			57	93	1970
5.56	7/32		57	93	1970
5.60			57	93	1970
5.61		2	57	93	2180
5.70			57	93	2180
5.79		1	57	93	2180
5.80			57	93	2180
5.90			57	93	2180
5.94		A	57	93	2180
5.95	15/64		57	93	2180
6.00			57	93	2180
6.04		B	63	101	2420
6.10			63	101	2420
6.15		C	63	101	2420
6.20			63	101	2420
6.25		D	63	101	2450
6.30			63	101	2450
6.35	1/4	E	63	101	2450
6.40			63	101	2450
6.50			63	101	3070
6.53		F	63	101	3070
6.60			63	101	3070
6.63		G	63	101	3070
6.70			63	101	3070
6.75	17/64	H	69	109	3070
6.80			69	109	3070
6.90		I	69	109	3340
7.00			69	109	3340
7.03		J	69	109	3340
7.10			69	109	3340
7.14	9/32	K	69	109	3340
7.20			69	109	3600
7.30			69	109	3600
7.37		L	69	109	3600
7.40			69	109	3600
7.49		M	69	109	3600

HSS Straight Shank Jobber Drills Ground Flute

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



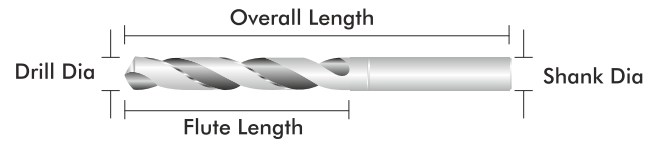
HEAVY MACHINE TOOL - CUTTING DEVICE

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01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 10 NOS.



JOBBER
STRAIGHT SHANK



Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
7.50			69	109	3600
7.54	19/64		75	117	3890
7.60			75	117	3890
7.67		N	75	117	4050
7.70			75	117	4050
7.80			75	117	4050
7.90			75	117	4050
7.94	5/16		75	117	4280
8.00			75	117	4280
8.03		O	75	117	4280
8.10			75	117	4280
8.20		P	75	117	4280
8.30			75	117	5040
8.33	21/64		75	117	5040
8.40			75	117	5270
8.43		Q	75	117	5270
8.50			75	117	5270
8.60			81	125	5270
8.61		R	81	125	5270
8.70			81	125	5270
8.73	11/32		81	125	5550
8.80			81	125	5550
8.84		S	81	125	5550
8.90			81	125	5550
9.00			81	125	5550
9.09		T	81	125	5790
9.10			81	125	5790
9.13	23/64		81	125	5790
9.20			81	125	5790
9.30			81	125	5790
9.34		U	81	125	5790
9.40			81	125	5790
9.50			81	125	5790
9.52	3/8		87	133	6580
9.58		V	87	133	6580
9.60			87	133	6580
9.70			87	133	6580
9.80		W	87	133	6580

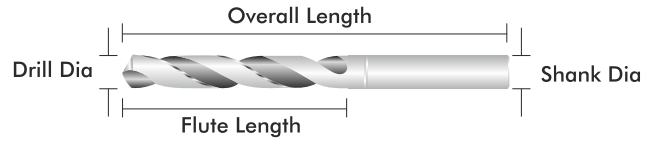
Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
9.90			87	133	7220
9.92	25/64		87	133	7220
10.00			87	133	7220
10.08		X	87	133	7220
10.10			87	133	7220
10.20			87	133	7220
10.26		Y	87	133	7570
10.30			87	133	7570
10.32	13/32		87	133	7570
10.40			87	133	7930
10.49		Z	87	133	7930
10.50			87	133	7930
10.60			87	133	7930
10.70			94	142	7930
10.72	27/64		94	142	8400
10.80			94	142	8400
10.90			94	142	8400
11.00			94	142	8400
11.10			94	142	9370
11.11	7/16		94	142	9370
11.20			94	142	9370
11.30			94	142	9370
11.40			94	142	9370
11.50			94	142	9890
11.51	29/64		94	142	9890
11.60			94	142	9890
11.70			94	142	9890
11.80			94	142	9890
11.90			101	151	10530
11.91	15/32		101	151	10530
12.00			101	151	10530
12.10			101	151	10530
12.20			101	151	10530
12.30	31/64		101	151	11200
12.40			101	151	11200
12.50			101	151	11200
12.60			101	151	11200
12.70	1/2		101	151	11480

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 10 NOS.



JOBBER
STRAIGHT SHANK



Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
12.80			101	151	11810
12.90			101	151	11810
13.00			101	151	11810
13.10	33/64		101	151	14650
13.20			101	151	14650
13.30			108	160	14650
13.40			108	160	14650
13.49	17/32		108	160	15590
13.50			108	160	15590
13.60			108	160	15590
13.70			108	160	15590
13.80			108	160	15590
13.89	35/64		108	160	17250
13.90			108	160	17250
14.00			108	160	17250
14.25			114	169	17250
14.29	9/16		114	169	17250
14.50			114	169	17250
14.68	37/64		114	169	17250
14.75			114	169	19500
15.00			114	169	19500
15.08	19/32		120	178	19500
15.25			120	178	19500
15.48	39/64		120	178	20700
15.50			120	178	20700
15.75			120	178	21840
15.87	5/8		120	178	21840
16.00			120	178	21840

Jobber Drill Set 1/16" to 1/4" (13 pc)	: - 1599
Jobber Drill Set 2.00 to 8.00 mm (13 pc)	: - 2379
Jobber Drill Set 1/16" to 1/2" (29 pc)	: - 13978
Jobber Drill Set 1/8" to 1/4" (4 pc)	: - 584
Jobber Drill Set 3/32" to 1/4" (7 pc)	: - 938
Jobber Drill Set 1/16" to 1/2" (29 pc)	: - 13224
Jobber Drill Set 1.00 to 13.00 mm (25 pc)	: - 10225

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.

HSS Straight Shank Stub Series Drills

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



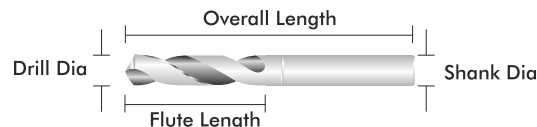
HEAVY MACHINE TOOL - CUTTING DEVICE

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01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 10 NOS.



STUB
STRAIGHT SHANK



Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
1.00		6	26	520
1.19	3/64	8	30	520
1.20		8	30	520
1.50		9	32	520
1.59	1/16	10	34	530
1.80		11	36	530
1.98	5/64	12	38	530
2.00		12	38	510
2.20		13	40	510
2.38	3/32	14	43	510
2.50		14	43	510
2.78	7/64	16	46	510
2.80		16	46	590
3.00		16	46	590
3.17	1/8	18	49	690
3.20		18	49	740
3.50		20	52	740
3.57	9/64	20	52	740
3.80		22	55	980
3.97	5/32	22	55	980
4.00		22	55	980
4.20		22	55	1110
4.37	11/64	24	58	1110
4.50		24	58	1360
4.76	3/16	26	62	1360
4.80		26	62	1360
5.00		26	62	1470
5.16	13/64	26	62	1470
5.20		26	62	1470
5.50		28	66	1630
5.56	7/32	28	66	1630
5.80		28	66	1820
5.95	15/64	28	66	1820
6.00		28	66	1860
6.20		31	70	2080
6.35	1/4	31	70	2080
6.50		31	70	2510
6.75	17/64	34	74	2510

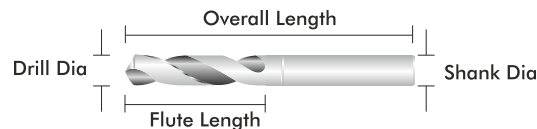
Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
6.80		34	74	2510
7.00		34	74	2780
7.14	9/32	34	74	2780
7.20		34	74	2780
7.50		34	74	2850
7.54	19/64	37	79	3130
7.80		37	79	3190
7.94	5/16	37	79	3520
8.00		37	79	3520
8.20		37	79	3520
8.33	21/64	37	79	4520
8.50		37	79	4520
8.73	11/32	40	84	4700
8.80		40	84	4700
9.00		40	84	4700
9.13	23/64	40	84	4960
9.20		40	84	4960
9.50		40	84	4960
9.52	3/8	43	89	5200
9.80		43	89	5500
9.92	25/64	43	89	6350
10.00		43	89	6350
10.20		43	89	6350
10.32	13/32	43	89	6760
10.50		43	89	6760
10.72	27/64	47	95	7650
10.80		47	95	7650
11.00		47	95	7650
11.11	7/16	47	95	8020
11.20		47	95	8490
11.50		47	95	9090
11.51	29/64	47	95	9090
11.80		47	95	9090
11.91	15/32	51	102	9090
12.00		51	102	9090
12.20		51	102	9090
12.30	31/64	51	102	9840
12.50		51	102	9840

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 10 NOS.



STUB
STRAIGHT SHANK



Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
12.70	1/2	51	102	10110
12.80		51	102	10110
13.00		51	102	10110
13.20		51	102	12420
13.49	17/32	54	107	13280
13.50		54	107	13280
13.80		54	107	13280
14.00		54	107	13810
14.25		56	111	13810
14.29	9/16	56	111	13810
14.50		56	111	15020
14.75		56	111	16310
15.00		56	111	16310
15.08	19/32	58	115	16310
15.25		58	115	16310
15.50		58	115	17700
15.75		58	115	17700
15.87	5/8	58	115	17700
16.00		58	115	17700
16.25		60	119	17770
16.50		60	119	17770
16.67	21/32	60	119	17770
16.75		60	119	18160
17.00		60	119	18160
17.25		62	123	18480
17.46	11/16	62	123	18480
17.50		62	123	18490
17.75		62	123	18770
18.00		62	123	18770
18.25		64	127	19050
18.26	23/32	64	127	19050
18.50		64	127	19050
18.75		64	127	19400
19.00		64	127	19400
19.05	3/4	66	131	19400
19.25		66	131	19820
19.50		66	131	19820
19.75		66	131	19820

Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
19.84	25/32	66	131	19820
20.00		66	131	20080
20.25		68	136	20550
20.50		68	136	20550
20.64	13/16	68	136	20550
20.75		68	136	21340
21.00		68	136	21340
21.25		70	141	21570
21.43	27/32	70	141	21570
21.50		70	141	21570
21.75		70	141	22630
22.00		70	141	22630
22.22	7/8	70	141	22630
22.25		70	141	24060
22.50		72	146	24060
22.75		72	146	24390
23.00		72	146	24390
23.02	29/32	72	146	24390
23.25		72	146	25770
23.50		72	146	25770
23.75		75	151	25770
23.81	15/16	75	151	25770
24.00		75	151	28480
24.25		75	151	28480
24.50		75	151	28480
24.61	31/32	75	151	28480
24.75		75	151	31270
25.00		75	151	31270
25.25		78	156	31440
25.40	1	78	156	31440
25.50		78	156	35470
26.00		78	156	35470
26.19	1.1/32	78	156	36270
26.50		78	156	36270
26.99	1.1/16	81	162	36630
27.00		81	162	38690
27.50		81	162	38690
27.78	1.3/32	81	162	40880

HSS Straight Shank Stub Series Drills

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



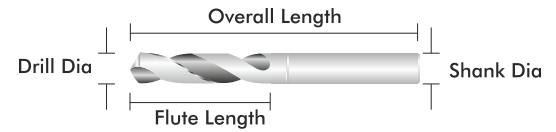
HEAVY MACHINE TOOL - CUTTING DEVICE

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01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 10 NOS.



STUB
STRAIGHT SHANK



Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
28.00		81	162	40880
28.50		84	168	41240
28.57	1.1/8	84	168	41240
29.00		84	168	43310
29.37	1.5/32	84	168	47600
29.50		84	168	47600
30.00		84	168	48230
30.16	1.3/16	87	174	48230
30.50		87	174	54280
30.96	1.7/32	87	174	54280
31.00		87	174	54280
31.50		87	174	55070
31.75	1.1/4	90	180	55070
32.00		90	180	56570
32.50		90	180	57970
32.54	1.9/32	90	180	57970
33.00		90	180	57970
33.34	1.5/16	90	180	57970
33.50		90	180	61090
34.00		93	186	61090
34.13	1.11/32	93	186	67050
34.50		93	186	67050
34.92	1.3/8	93	186	67050
35.00		93	186	73660
35.50		93	186	74760
35.72	1.13/32	96	193	74760
36.00		96	193	74760
36.50		96	193	74760
36.51	1.7/16	96	193	74760
37.00		96	193	80320
37.31	1.15/32	96	193	81540
37.50		96	193	81540
38.00		100	200	81540
38.10	1.1/2	100	200	81540
38.50		100	200	91020
39.00		100	200	91020
39.50		100	200	92670
40.00		100	200	92670

Special notes:

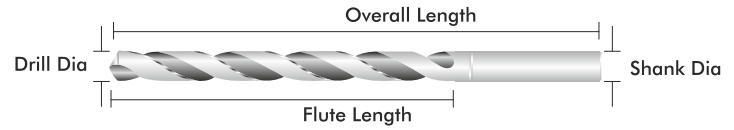
1. Intermediate or non-listed sizes, price of the next larger listed size will be charged.
2. Quick Spiral or Slow Spiral drills upto sizes 3.17 mm (1/8") and sizes over 3.17 mm (1/8") will be charged 50% and 25% Extra respectively, subject to minimum ordering value worth Rs. 10,000/- per size.
3. All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

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



**LONG
SERIES**
STRAIGHT SHANK



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
1.00		33	56	357
1.10		37	60	357
1.19	3/64	41	65	357
1.20		41	65	357
1.30		41	65	357
1.40		45	70	357
1.50		45	70	357
1.59	1/16	50	76	357
1.60		50	76	357
1.70		50	76	357
1.80		53	80	357
1.90		53	80	357
1.98	5/64	56	85	357
2.00		56	85	357
2.10		56	85	357
2.20		59	90	357
2.30		59	90	448
2.38	3/32	62	95	448
2.40		62	95	448
2.50		62	95	448
2.60		62	95	448
2.70		66	100	448
2.78	7/64	66	100	448
2.80		66	100	448
2.90		66	100	448
3.00		66	100	448
3.10		69	106	448
3.17	1/8	69	106	448
3.20		69	106	448
3.30		69	106	448
3.40		73	112	448
3.50		73	112	448
3.57	9/64	73	112	448
3.60		73	112	448
3.70		73	112	487
3.80		78	119	487
3.90		78	119	487
3.97	5/32	78	119	487

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
4.00		78	119	487
4.10		78	119	487
4.20		78	119	487
4.30		82	126	487
4.37	11/64	82	126	487
4.40		82	126	487
4.50		82	126	487
4.60		82	126	487
4.70		82	126	487
4.76	3/16	87	132	487
4.80		87	132	487
4.90		87	132	559
5.00		87	132	559
5.10		87	132	559
5.16	13/64	87	132	559
5.20		87	132	559
5.30		87	132	651
5.40		91	139	651
5.50		91	139	651
5.56	7/32	91	139	651
5.60		91	139	727
5.70		91	139	727
5.80		91	139	727
5.90		91	139	727
5.95	15/64	91	139	727
6.00		91	139	727
6.10		97	148	819
6.20		97	148	819
6.30		97	148	819
6.35	1/4	97	148	819
6.40		97	148	1042
6.50		97	148	1042
6.60		97	148	1247
6.70		97	148	1247
6.75	17/64	102	156	1247
6.80		102	156	1247
6.90		102	156	1247
7.00		102	156	1247

HSS Straight Shank Long Series Drills

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



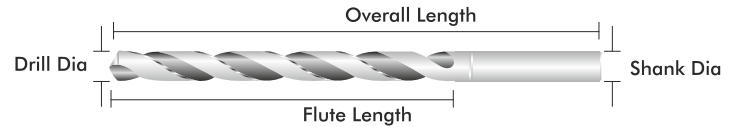
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



**LONG
SERIES**
STRAIGHT SHANK



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
7.10		102	156	1247
7.14	9/32	102	156	1247
7.20		102	156	1247
7.30		102	156	1247
7.40		102	156	1247
7.50		102	156	1247
7.54	19/64	109	165	1247
7.60		109	165	1247
7.70		109	165	1247
7.80		109	165	1247
7.90		109	165	1283
7.94	5/16	109	165	1283
8.00		109	165	1283
8.10		109	165	1283
8.20		109	165	1283
8.30		109	165	1283
8.33	21/64	109	165	1283
8.40		109	165	1283
8.50		109	165	1301
8.60		115	175	1359
8.70		115	175	1359
8.73	11/32	115	175	1359
8.80		115	175	1637
9.00		115	175	1637
9.13	23/64	115	175	1637
9.20		115	175	1637
9.50		115	175	1637
9.52	3/8	121	184	1637
9.80		121	184	1653
9.92	25/64	121	184	1653
10.00		121	184	1653
10.20		121	184	1653
10.32	13/32	121	184	1653
10.50		121	184	1784
10.72	27/64	128	195	2025
10.80		128	195	2025
11.00		128	195	2025
11.11	7/16	128	195	2025

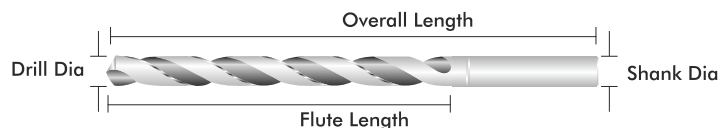
Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
11.20		128	195	2175
11.50		128	195	2175
11.51	29/64	128	195	2175
11.80		128	195	2175
11.91	15/32	134	205	2175
12.00		134	205	2175
12.20		134	205	2209
12.30	31/64	134	205	2209
12.50		134	205	2209
12.70	1/2	134	205	2209
12.80		134	205	3026
13.00		134	205	3026
13.10	33/64	134	205	3064
13.20		134	205	3064
13.49	17/32	140	214	3064
13.50		140	214	3064
13.80		140	214	3324
13.89	35/64	140	214	3324
14.00		140	214	3064
14.25		144	220	3064
14.29	9/16	144	220	3064
14.50		144	220	3211
14.68	37/64	144	220	3527
14.75		144	220	3211
15.00		144	220	3211
15.08	19/32	149	227	3211
15.25		149	227	3324
15.50		149	227	3324
15.75		149	227	3324
15.87	5/8	149	227	3324
16.00		149	227	3381
16.25		154	235	3381
16.27	41/64	154	235	3767
16.50		154	235	3452
16.67	21/32	154	235	3452
16.75		154	235	3527
17.00		154	235	3527
17.07	43/64	158	241	3822

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



**LONG
SERIES**
STRAIGHT SHANK



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
17.25		158	241	3527
17.46	11/16	158	241	3527
17.50		158	241	3767
17.75		158	241	3767
17.86	45/64	158	241	4161
18.00		158	241	3822
18.25		162	247	3822
18.26	23/32	162	247	3822
18.50		162	247	3991
18.65	47/64	162	247	4379
18.75		162	247	4067
19.00		162	247	4067
19.05	3/4	166	254	4067
19.25		166	254	4289
19.45	49/64	166	254	4696
19.50		166	254	4289
19.75	25/32	166	254	4289
19.84		166	254	4289
20.00		166	254	4566
20.24	51/64	171	261	4844
20.25		171	261	4566
20.50		171	261	4566
20.64	13/16	171	261	4566
20.75		171	261	4696
21.00		171	261	4696
21.03	53/64	171	261	5143
21.25		176	268	4844
21.43	27/32	176	268	4844
21.50		176	268	5143
21.75		176	268	5143
21.83	55/64	176	268	5494
22.00		176	268	5143
22.22	7/8	176	268	5143
22.25		176	268	5549
22.50		180	275	5549
22.62	57/64	180	275	5938
22.75		180	275	5679
23.00		180	275	5679
23.02	29/32	180	275	5679
23.25		180	275	5772
23.42	59/64	180	275	6790
23.50		180	275	6311
23.75		185	282	6311
23.81	15/16	185	282	6311
24.00		185	282	6569
24.21	61/64	185	282	7180
24.25		185	282	6569
24.50		185	282	6569
24.61	31/32	185	282	6569

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
24.75		185	282	7053
25.00	63/64	185	282	7053
25.25		190	290	7147
25.40	1	190	290	7147
25.50		190	290	8795
25.75		190	290	8795
25.80	1.1/64	190	290	8979
26.00		190	290	8979
26.19	1.1/32	190	290	8979
26.25		190	290	9686
26.50		190	290	9686
26.59	1.3/64	195	298	9889
26.75		195	298	9889
26.99	1.1/16	195	298	9889
27.00		195	298	10093
27.25		195	298	10093
27.38	1.5/64	195	298	10205
27.50		195	298	10205
27.75		195	298	10205
27.78	1.3/32	195	298	10205
28.00		195	298	11151
28.18	1.7/64	201	307	11300
28.25		201	307	11300
28.50		201	307	11300
28.57	1.1/8	201	307	11300
28.75		201	307	11392
28.97	1.9/64	201	307	11617
29.00		201	307	11617
29.25		201	307	11617
29.37	1.5/32	201	307	11617
29.50		201	307	11762
29.75		201	307	11762
29.77	1.11/64	201	307	12002
30.00		201	307	12002
30.16	1.3/16	207	316	12002
30.25		207	316	12763
30.50		207	316	12763
30.56	1.13/64	207	316	12986
30.75		207	316	12986
30.96	1.7/32	207	316	12986
31.00		207	316	14454
31.25		207	316	14454
31.35	1.15/64	207	316	14971
31.50		207	316	14971

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/-

HSS Straight Shank Extra Long Series Drills

To IS: 7823 / DIN: 340 / BS: 328 / I.S.O.



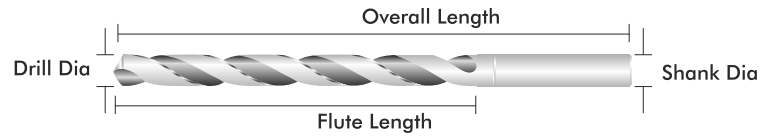
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



**EXTRA LONG
SERIES
STRAIGHT SHANK**



Size		Over all Length in mm				
mm	inch	50	100	125	150	175
0.50		1062				
0.60		985				
0.70	1/32		966			
0.80		676				
0.90						
1.00			658			
1.10			658			
1.20	3/64		658			
1.30			658		1024	
1.40			658			
1.50			658	869	966	
1.60	1/16		621	811	966	
1.70			621	831	966	
1.80			621	831	966	
1.90				831	966	
2.00	5/64		831	831	1006	
2.10				831	1506	
2.20				831	1006	
2.30				831	1006	
2.40	3/32			831	1006	
2.50			1198	1198	1429	
2.60						
2.70				1179	1429	
2.80	7/64			1179	1429	
2.90						
3.00				1121	1351	1619
3.17	1/8				1351	1619
3.50	9/64				1411	1619
3.97	5/32				1332	1619
4.00				1332	1332	
4.50	11/64				1351	1677
4.76	3/16				1390	1697
5.00					1390	1697
5.50	13/64				1469	1794
5.56	7/32					
6.00	15/64				1506	1852
6.35	1/4					
9.00					2045	

Size		Over all Length in mm							
mm	inch	200	225	250	275	300	325	350	375
2.50			2334						
2.60									
2.70									
2.80	7/64	1602							
2.90									
3.00		1852	2180	2603	3297	3626			
3.17		1852	2180	2603	3297	3626			
3.50		1871	2525	2796	3702	4071		5147	
3.97		1852	2525	2815	3702	4071	4659	5089	5704
4.00		1852	2525	2815	3702	4071	4659	5089	5704
4.50		1909	2525	2815	3702	4071	4754	5221	5818
4.76		1949	2584	2874	3719	4091	4849	5318	5933
5.00		1949	2584	2874	3719	4091	4849	5318	5933
5.50		2065	2758	3065	4105	4517	4879	5339	5972
5.56		2065		3065	4105	4517	4879	5339	5972
6.00		2101	2833	3142	4067	4474	4879		5972
6.35		2641		3930	4297	4727	6233	6839	7627
6.50		2641		3930	4297	4727	6233	6839	7627
7.00	17/64	2661		3970	4586	5045	6295	6935	7705
7.14	9/32	2815		4413	5067	5575	6611	7321	8089
7.50	19/64	2815		4200	5067	5575	6611	7321	8089
7.94	5/16	3104			5281	5808	7271	8089	8900
8.00		3104	3526	4642	5281	5808	7271	8089	8900
8.50	21/64	3065		4393	5339	5873	7279	8090	8908
8.73	11/32	3065		4354	5339	5873	7279	8090	8908
9.00		3047		4354	5339	5873	7317	8145	8952
9.50	23/64	3161		4529	5318	5852	7535	8465	9222
9.52	3/8	3161		4529	5453	5999	7535	8465	9222
10.00	25/64	3221		4432	5567	6124	7711	8706	9437
10.32	13/32	3487		4817	5858	6444	7891	8945	9658
10.50		3487		4817	5858	6444	7891	8945	9658
11.00	27/64			4777	5953	6550	7892	8942	9663
11.11	7/16			4777	5953	6550	7892	8942	9663
11.50	29/64			5089	6395	7035	7962	9091	9745
11.91	15/32			5106	6395	7035	7962	9130	9745
12.00				5106	6530	7184	7962	9130	9745
12.50	31/64			5411	6530	7184	8356	9671	10227
12.70	1/2				6530	7184	8356	9671	10227

Special notes:

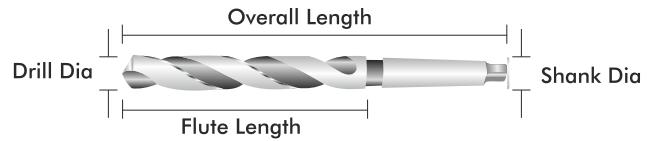
1. Intermediate, unlisted sizes (in Dia and Length) price of next larger listed size will be charged.
2. For sizes below dia 9.00 mm max. Flute length which can be provided is 350mm.
3. For specials and unlisted sizes please refer to us.
4. Minimum ordering value per size should be worth Rs. 15,000/- gross.
5. Other details will be mentioned as per IS:7823.

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
TAPER SHANK



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT1				
3.00		33	114	536
3.17	1/8	36	117	536
3.20		36	117	553
3.50		39	120	553
3.57	9/64	39	120	553
3.80		43	124	553
3.97	5/32	43	124	553
4.00		43	124	553
4.20		43	124	722
4.37	11/64	47	128	722
4.50		47	128	722
4.76	3/16	52	133	722
4.80		52	133	722
5.00		52	133	722
5.16	13/64	52	133	722
5.20		52	133	722
5.50		57	138	722
5.56	7/32	57	138	722
5.80		57	138	722
5.95	15/64	57	138	722
6.00		57	138	722
6.20		63	144	829
6.35	1/4	63	144	829
6.50		63	144	829
6.75	17/64	69	150	829
6.80		69	150	829
7.00		69	150	878
7.14	9/32	69	150	878
7.20		69	150	878
7.50		69	150	878
7.54	19/64	75	156	878
7.80		75	156	878
7.94	5/16	75	156	878
8.00		75	156	878
8.20		75	156	994
8.33	21/64	75	156	1048
8.50		75	156	1048

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
8.73	11/32	81	162	1048
8.80		81	162	1103
9.00		81	162	1103
9.13	23/64	81	162	1103
9.20		81	162	1103
9.50		81	162	1103
9.52	3/8	87	168	1103
9.80		87	168	1180
9.92	25/64	87	168	1250
10.00		87	168	1250
10.20		87	168	1250
10.32	13/32	87	168	1250
10.50		87	168	1527
10.72	27/64	94	175	1588
10.80		94	175	1588
11.00		94	175	1588
11.11	7/16	94	175	1588
11.20		94	175	1588
11.50		94	175	1588
11.51	29/64	94	175	1588
11.80		94	175	1588
11.91	15/32	101	182	1706
12.00		101	182	1588
12.20		101	182	1588
12.30	31/64	101	182	1588
12.50		101	182	1588
12.70	1/2	101	182	1588
12.80		101	182	1588
13.00		101	182	2134
13.10	33/64	101	182	2224
13.20		101	182	2224
13.49	17/32	108	189	2224
13.50		108	189	2390
13.80		108	189	2390
13.89	35/64	108	189	2484
14.00		108	189	2484
MT2				
14.25		114	212	2601

HSS Taper Shank Twist Drills

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



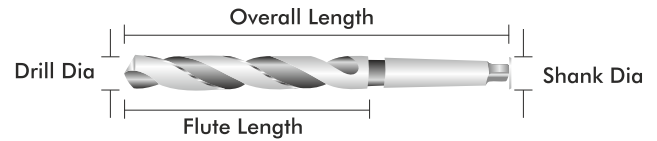
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
TAPER SHANK



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
14.29	9/16	114	212	2601
14.50		114	212	2718
14.68	37/64	114	212	2718
14.75		114	212	2718
15.00		114	212	2718
15.08	19/32	120	218	2874
15.25		120	218	2913
15.48	39/64	120	218	2913
15.50		120	218	2913
15.75		120	218	2913
15.87	5/8	120	218	2913
16.00		120	218	2932
16.25		125	223	2932
16.27	41/64	125	223	2932
16.50		125	223	2998
16.67	21/32	125	223	2998
16.75		125	223	2998
17.00		125	223	2998
17.07	43/64	130	228	2998
17.25		130	228	2998
17.46	11/16	130	228	3056
17.50		130	228	3170
17.75		130	228	3209
17.86	45/64	130	228	3468
18.00		130	228	3468
18.25		135	233	3468
18.26	23/32	135	233	3468
18.50		135	233	3468
18.65	47/64	135	233	3468
18.75		135	233	3468
19.00		135	233	3468
19.05	3/4	140	238	3468
19.25		140	238	3619
19.45	49/64	140	238	3619
19.50		140	238	3619
19.75		140	238	3619
19.84	25/32	140	238	3619
20.00		140	238	3819

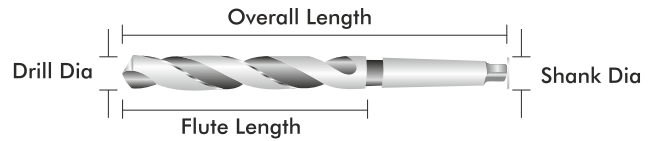
Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
20.24	51/64	145	243	3949
20.25		145	243	3949
20.50		145	243	3949
20.64	13/16	145	243	3949
20.75		145	243	4105
21.00		145	243	4105
21.03	53/64	145	243	4278
21.25		150	248	4278
21.43	27/32	150	248	4278
21.50		150	248	4339
21.75		150	248	4339
21.83	55/64	150	248	4416
22.00		150	248	4416
22.22	7/8	150	248	4416
22.25		150	248	4735
22.50		155	253	4735
22.62	57/64	155	253	4901
22.75		155	253	4901
23.00		155	253	4901
23.02	29/32	155	253	5156
MT3				
23.25		155	276	5855
23.42	59/64	155	276	5855
23.50		155	276	5855
23.75		160	281	5855
23.81	15/16	160	281	5855
24.00		160	281	6009
24.21	61/64	160	281	6009
24.25		160	281	6009
24.50		160	281	6125
24.61	31/32	160	281	6125
24.75		160	281	6397
25.00	63/64	160	281	6397
25.25		165	286	6474
25.40	1	165	286	6474
25.50		165	286	7388
25.75		165	286	7388
25.80	1.1/64	165	286	7344

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01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
TAPER SHANK



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
26.00		165	286	7344
26.19	1.1/32	165	286	7344
26.25		165	286	7386
26.50		165	286	8240
26.59	1.3/64	170	291	7883
26.75		170	291	7883
26.99	1.1/16	170	291	8226
27.00		170	291	8226
27.25		170	291	8226
27.38	1.5/64	170	291	8226
27.50		170	291	8226
27.75		170	291	8226
27.78	1.3/32	170	291	8226
28.00		170	291	8905
28.18	1.7/64	175	296	8924
28.25		175	296	8924
28.50		175	296	8924
28.57	1.1/8	175	296	8924
28.75		175	296	9645
28.97	1.9/64	175	296	9350
29.00		175	296	9350
29.25		175	296	9350
29.37	1.5/32	175	296	9350
29.50		175	296	9386
29.75		175	296	9386
29.77	1.11/64	175	296	9665
30.00		175	296	9392
30.16	1.3/16	180	301	10107
30.25		180	301	10479
30.50		180	301	10479
30.56	1.13/64	180	301	10640
30.75		180	301	10640
30.96	1.7/32	180	301	10640
31.00		180	301	11856
31.25		180	301	11856
31.35	1.15/64	180	301	12371
31.50		180	301	12371
31.75	1.1/4	185	306	13333

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT4				
32.00		185	334	13935
32.15	1.17/64	185	334	13935
32.50		185	334	13935
32.54	1.9/32	185	334	13935
32.94	1.19/64	185	334	14268
33.00		185	334	14268
33.34	1.5/16	185	334	14268
33.50		185	334	14886
33.73	1.21/64	190	339	15165
34.00		190	339	15165
34.13	1.11/32	190	339	15662
34.50		190	339	16450
34.53	1.23/64	190	339	16615
34.92	1.3/8	190	339	16615
35.00		190	339	16615
35.32	1.25/64	190	339	17443
35.50		190	339	17443
35.72	1.13/32	195	344	17443
36.00		195	344	17701
36.12	1.27/64	195	344	18066
36.50		195	344	18066
36.51	1.7/16	195	344	18066
36.91	1.29/64	195	344	18066
37.00		195	344	18508
37.31	1.15/32	195	344	18508
37.50		195	344	19719
37.70	1.31/64	200	349	21178
38.00		200	349	21178
38.10	1.1/2	200	349	21178
38.50	1.33/64	200	349	21178
38.89	1.17/32	200	349	21178
39.00		200	349	21865
39.29	1.35/64	200	349	21865
39.50		200	349	21865
39.69	1.9/16	200	349	21865
40.00		200	349	22417
40.08	1.37/64	205	354	22802

HSS Taper Shank Twist Drills

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



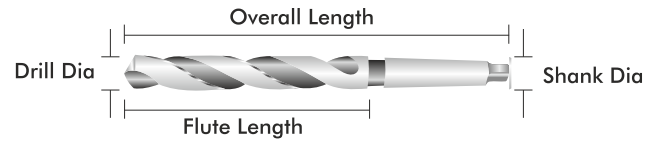
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
TAPER SHANK



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
40.48	1.19/32	205	354	22802
40.50		205	354	23703
40.88	1.39/64	205	354	23703
41.00		205	354	23703
41.27	1.5/8	205	354	23703
41.50		205	354	24639
41.67	1.41/64	205	354	24639
42.00		205	354	25117
42.07	1.21/32	205	354	24639
42.47	1.43/64	205	354	25263
42.50		205	354	25263
42.86	1.11/16	210	359	25576
43.00		210	359	26180
43.26	1.45/64	210	359	26180
43.50		210	359	26180
43.66	1.23/32	210	359	26180
44.00		210	359	27100
44.05	1.47/64	210	359	27100
44.45	1.3/4	210	359	27100
44.50		210	359	27100
44.85	1.49/64	210	359	27739
45.00		210	359	27739
45.24	1.25/32	215	364	27739
45.50		215	364	28988
45.64	1.51/64	215	364	28988
46.00		215	364	28988
46.04	1.13/16	215	364	28988
46.43	1.53/64	215	364	30457
46.50		215	364	30457
46.83	1.27/32	215	364	30457
47.00		215	364	30457
47.23	1.55/64	215	364	31101
47.50		215	364	31101
47.62	1.7/8	220	369	31101
48.00		220	369	33911
48.02	1.57/64	220	369	33911
48.42	1.29/32	220	369	33911
48.50		220	369	34147

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
48.82	1.59/64	220	369	34147
49.00		220	369	34147
49.21	1.15/16	220	369	34147
49.50		220	369	34515
49.61	1.61/64	220	369	34515
50.00		220	369	34515
50.01	1.31/32	225	374	34790
50.40	1.63/64	225	374	36351
50.50		225	374	36351
50.80	2	225	374	36351
MT5				0
51.00		225	412	49846
51.50		225	412	49846
51.59	2.1/32	225	412	49846
52.00		225	412	49846
52.39	2.1/16	225	412	49846
52.50		225	412	69846
53.00		225	412	64235
53.18	2.3/32	230	417	64235
53.50		230	417	64235
53.97	2.1/8	230	417	64235
54.00		230	417	64235
54.50		230	417	67463
54.77	2.5/32	230	417	67463
55.00		230	417	67463
55.50		230	417	67463
55.56	2.3/16	230	417	67463
56.00		230	417	70309
56.36	2.7/32	230	417	70309
56.50		230	417	70309
57.00		235	422	70309
57.15	2.1/4	235	422	70309
57.50		235	422	76734
57.94	2.9/32	235	422	76734
58.00		235	422	76734
58.50		235	422	76734
58.74	2.5/16	235	422	76734
59.00		235	422	78204
59.50		235	422	78204
59.53	2.11/32	235	422	78204
60.00		235	422	78204

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:

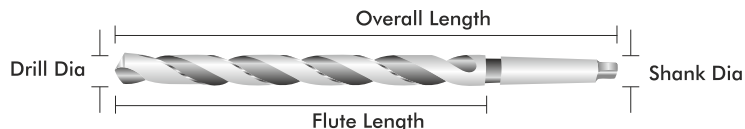
1. Intermediate, unlisted sizes, price of the next larger listed size will be charged.
2. Quick Spiral or Slow Spiral drills will be charged 25% Extra.
3. Over size shank drills to IS:5104 in the following range 10% Extra will be charged.

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01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
(LONG SERIES)
TAPER SHANK



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT1				
5.00		74	155	1704
5.16	13/64	74	155	1724
5.20		74	155	1742
5.50		80	161	1761
5.56	7/32	80	161	1761
5.80		80	161	1761
5.95	15/64	80	161	1761
6.00		80	161	1761
6.20		86	167	2308
6.35	1/4	86	167	2308
6.50		86	167	2308
6.75	17/64	93	174	2328
6.80		93	174	2344
7.00		93	174	2308
7.14	9/32	93	174	2555
7.20		93	174	2650
7.50		93	174	2308
7.54	19/64	100	181	2460
7.80		100	181	2592
7.94	5/16	100	181	2574
8.00		100	181	2555
8.20		100	181	2611
8.33	21/64	100	181	2555
8.50		100	181	2344
8.73	11/32	107	188	2629
8.80		107	188	2875
9.00		107	188	2611
9.13	23/64	107	188	2894
9.20		107	188	3178
9.50		107	188	2951
9.52	3/8	116	197	3140
9.80		116	197	3405
9.92	25/64	116	197	3235
10.00		116	197	3084
10.20		116	197	3405
10.32	13/32	116	197	3251
10.50		116	197	3121

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
10.72	27/64	125	206	3178
10.80		125	206	3251
11.00		125	206	3251
11.11	7/16	125	206	3836
11.20		125	206	3366
11.50		125	206	3836
11.51	29/64	125	206	3366
11.80		125	206	3366
11.91	15/32	134	215	3875
12.00		134	215	4405
12.20		134	215	4405
12.30	31/64	134	215	4405
12.50		134	215	4405
12.70	1/2	134	215	4426
12.80		134	215	4444
13.00		134	215	4444
13.10	33/64	134	215	4538
13.20		134	215	4652
13.49	17/32	142	223	4802
13.50		142	223	4970
13.80		142	223	4970
13.89	35/64	142	223	4970
14.00		142	223	4970
MT2				
14.25		147	245	6258
14.29	9/16	147	245	6635
14.50		147	245	6635
14.68	37/64	147	245	6501
14.75		147	245	6501
15.00		147	245	6635
15.08	19/32	153	251	6540
15.25		153	251	6578
15.48	39/64	153	251	6578
15.50		153	251	6578
15.75		153	251	6578
15.87	5/8	153	251	6746
16.00		153	251	6768
16.25		159	257	6768

HSS Taper Shank Twist Drills (Long Series)

To IS: 8305 - 1976



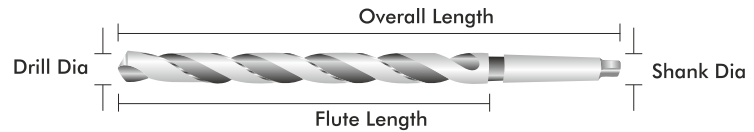
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



**TWIST
(LONG SERIES)
TAPER SHANK**



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
16.27	41/64	159	257	6993
16.50		159	257	7220
16.67	21/32	159	257	7220
16.75		159	257	7220
17.00		159	257	7220
17.07	43/64	165	263	7279
17.25		165	263	7335
17.46	11/16	165	263	7467
17.50		165	263	7596
17.75		165	263	7710
17.86	45/64	165	263	7863
18.00		165	263	8011
18.25		171	263	8011
18.26	23/32	171	269	8011
18.50		171	269	8011
18.65	47/64	171	269	8070
18.75		171	269	8106
19.00		171	269	8106
19.05	3/4	177	275	8317
19.25		177	275	8545
19.45	49/64	177	275	8545
19.50		177	275	8545
19.75		177	275	8545
19.84	25/32	177	275	8163
20.00		177	275	7807
20.24	51/64	184	282	7863
20.25		184	282	7919
20.50		184	282	7919
20.64	13/16	184	282	8088
20.75		184	282	8261
21.00		184	282	8261
21.03	53/64	184	282	9128
21.25		191	289	10015
21.43	27/32	191	289	10166
21.50		191	289	10298
21.75		191	289	10298
21.83	55/64	191	289	10415
22.00		191	289	10507

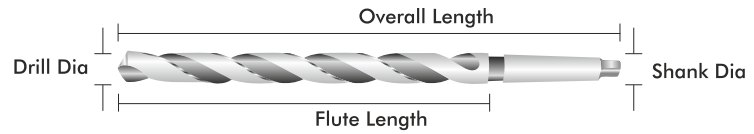
Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
22.22	7/8	191	289	10977
22.25		191	289	11451
22.50		198	296	11490
22.62	57/64	198	296	11602
22.75		198	296	11714
23.00		198	296	11714
23.02	29/32	198	296	12583
MT3				
23.25		198	319	13436
23.42	59/64	198	319	13606
23.50		198	319	13795
23.75		206	327	13869
23.81	15/16	206	327	14077
24.00		206	327	14268
24.21	61/64	206	327	14399
24.25		206	327	14533
24.50		206	327	14533
24.61	31/32	206	327	14851
24.75		206	327	15172
25.00	63/64	206	327	15172
25.25		214	335	15476
25.40	1	214	335	14891
25.50		214	335	14306
25.75		214	335	14306
26.00		214	335	14455
26.19	1.1/32	214	335	14966
26.25		214	335	15494
26.50		214	335	15494
26.75		222	343	18744
26.99	1.1/16	222	343	19062
27.00		222	343	19368
27.25		222	343	19368
27.50		222	343	19423
27.75		222	343	19423
27.78	1.3/32	222	343	20331
28.00		222	343	21237
28.25		230	351	21427
28.50		230	351	21427

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01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



**TWIST
(LONG SERIES)
TAPER SHANK**



Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
28.57	1.1/8	230	351	21747
28.75		230	351	22086
29.00		230	351	22447
29.25		230	351	22447
29.37	1.5/32	230	351	22484
29.50		230	351	22522
29.75		230	351	22522
30.00		230	351	22994
30.16	1.3/16	239	360	22709
30.25		239	360	22424
30.50		239	360	22424
30.75		239	360	22787
30.96	1.7/32	239	360	22579
31.00		239	360	22370
31.25		239	360	22370
31.50		239	360	23353
31.75	1.1/4	248	369	23542
MT4				
32.00		248	397	25412
32.50		248	397	28792
32.54	1.9/32	248	397	29133
33.00		248	369	29493
33.34	1.5/16	348	369	30003
33.50		248	369	30493
34.00		257	406	31305
34.13	1.11/32	257	406	30778
34.50		257	406	30249
34.92	1.3/8	257	406	30380
35.00		257	406	30533
35.50		257	406	32365
35.72	1.13/32	267	416	33253
36.00		267	416	34140
36.50		267	416	34840
36.51	1.7/16	267	416	35276
37.00		267	416	35708
37.31	1.15/32	267	416	36862
37.50		267	416	38011
38.00		277	426	37842

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
38.10	1.1/2	277	426	38426
38.50		277	426	39014
38.89	1.17/32	277	426	40169
39.00		277	426	41319
39.50		277	426	41319
39.69	1.9/16	277	426	41847
40.00		277	426	42378
40.48	1.19/32	287	436	43793
40.50		287	436	45210
41.00		287	436	45210
41.27	1.5/8	287	436	46098
41.50		287	436	46988
42.00		287	436	46988
42.07	1.21/32	287	436	47592
42.50		287	436	48195
42.86	1.11/16	298	447	49327
43.00		298	447	50480
43.50		298	447	50480
43.66	1.23/32	298	447	51371
44.00		298	447	52258
44.45	1.3/4	298	447	52258
44.50		298	447	52258
45.00		298	447	53487
45.24	1.25/32	310	459	55054
45.50		310	459	56622
46.00		310	459	56622
46.04	1.13/16	310	459	60401
46.50		310	459	63441
46.83	1.27/32	310	459	63441
47.00		310	459	63441
47.50		310	459	64764
47.62	1.7/8	321	470	68050
48.00		321	470	71338
48.42	1.29/32	321	470	71602
48.50		321	470	71865
49.00		321	470	71865
49.21	1.15/16	321	470	71752
49.50		321	470	71658
50.00		321	470	71658

Special notes:

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

HSS Taper Shank Twist Drills (Extra Long Series)



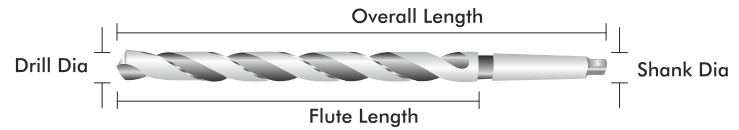
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
(EXTRA LONG SERIES)
TAPER SHANK



Size		Over all Length in mm			
mm	inch	200	225	250	275
3.00	1/8	2416	2867	3180	3495
3.50		2416	2964	3297	3633
4.00	5/32	2336	2867	3200	3514
4.50		2787	3121	3476	4199
5.00	3/16	2669	3003	3339	4042
5.50		2573	3180	3534	3904
6.00		2573	3180	3534	3904
6.35	1/4	2886	3240	3592	4359
6.50		2886	3240	3592	4359
7.00		2769	3102	3456	4179
7.50		3044	3416	3809	4553
7.94	5/16	2926	3278	3652	4377
8.00		2926	3278	3652	4377
8.50		3003	3375	3750	4492
9.00		3162	3552	3944	4749
9.50		3162	3552	3944	4749
9.52	3/8	3258	3552	3944	4749
10.00		3200	3592	4003	4806
10.50		3867	4334	4828	5317
11.00		3847	4334	4806	5300
11.11	7/16	3983	4474	4963	5475
11.50		3983	4474	4963	5475
12.00			4334	4828	5845
12.50			4334	4828	5845
12.70	1/2		4334	4828	5845
13.00				5713	7378
13.50				6140	7946
14.00				6140	7946
14.29	9/16			6886	7573
14.50				6886	7573
15.00				6886	7573
15.50				6828	7474
15.87	5/8			6985	7691
16.00				7024	7691
16.50				7494	8024
17.00				7494	8024

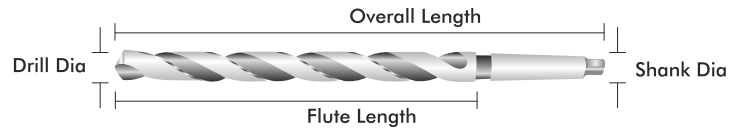
Size		Over all Length in mm				
mm	inch	300	315	325	350	375
3.00	1/8	3904		4691		
3.50		4123	4123	4905		
4.00	5/32	3983	3983	4749		
4.50		4691	4691	5082		
5.00	3/16	4513	4513	4887		
5.50		4334	4334	5239		
6.00		4334	4334	5239	5395	
6.35	1/4	4848	4848			
6.50		4848	4848	5845		
7.00		4671	4671	6179		
7.50		5182	5182	6179		
7.94	5/16	4986	4986	5924		
8.00		4986	4986	5924		
8.50		5121	5121	6081		
9.00		5376	5376	6415		
9.50		5376	5376	6415		
9.52	3/8	5376	5376	6415		
10.00		5454	5454	6495	7003	8181
10.50		5788	5788	7591	7591	9044
11.00		5770	5770	7043	7573	9024
11.11	7/16	5965	5965	7279	7826	9317
11.50		5965	5965	7279	7826	9317
12.00		6513	6513	7848	7613	9965
12.50		6513	6513	7848	8455	9965
12.70	1/2	6513	6513	7848	8455	9965
13.00		8063	8063	8729	9396	11338
13.50		8671	8671	9396	10122	12180
14.00		8671	8671	9396	10122	11927
14.29	9/16	8258	8258	9848	10612	12397
14.50		8258	8258	9848	10612	10612
15.00		8258	8258	9848	10612	12397
15.50		8162	8162	9711	10477	12222
15.87	5/8	8396	8396	10005	10771	12592
16.00		8396	8396	10005	10771	12592
16.50		8750	8750	10417	11220	13122
17.00		8750	8750	10417	11220	13122

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01st July 2022

MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
(EXTRA LONG SERIES)
TAPER SHANK



Size		Over all Length in mm				
mm	inch	300	315	325	350	375
17.45	11/16	8985	8985	10713	11534	13475
17.50		8985	8985	10713	11534	13475
18.00		9279	9279	11064	11908	13906
18.50		9279	9279	11064	11908	13906
19.00		9396	9396	11182	12043	14083
19.05	3/4	9396	9396	11182	12043	14083
19.50		9653	9653	11515	12397	14495
20.00		10378	10378	11300	12102	14280
20.50		10300	10300	11163	12003	14141
20.64	13/16	10730	10730	11632	12517	14751
21.00		10730	10730	11632	12517	14751
21.50		11103	11103	12043	12966	15281
22.00		11320	11320	12259	13201	15554
22.22	7/8	12085	12085	13083	14103	15103
22.50		12085	12085	13083	14103	15103
23.00		12320	12320	13357	14377	15398
23.50		13456	13456	14574	15692	16810
23.81	15/16	13593	13593	14729	15849	16985
24.00		13593	13593	14729	15849	16985
24.50		13828	13828	14987	16124	17280
25.00			15651	16849	18064	
25.40	1			16849	19534	
25.50				18241	19534	
26.00				18439	19752	
26.50				19752	21164	
26.99	1.1/16			20516	21986	
27.00				20516	21986	
27.50				20576	22045	
28.00				22497	24104	
28.50				22184	23770	
28.57	1.1/8			22184	23770	
29.00				23223	24889	
29.50				23320	24987	
30.00				23809	25498	
30.16	1.3/16			23809	25498	
31.00				24085	25812	

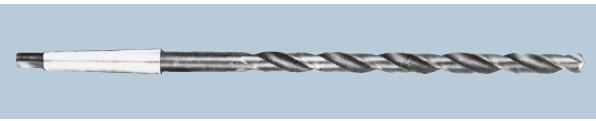
HSS Taper Shank Twist Drills (Extra Long Series)



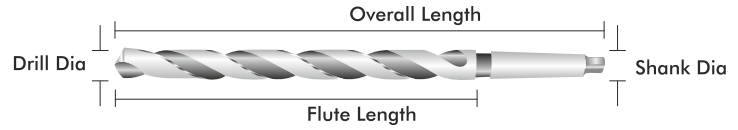
HEAVY MACHINE TOOL - CUTTING DEVICE

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
(EXTRA LONG SERIES)
TAPER SHANK



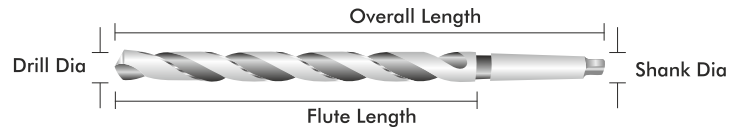
Size		Over all Length in mm				
mm	inch	400	425	450	475	500
10.00		8729				
10.50		9653				
11.00		9612				
11.11	7/16	9947				
11.50		9947				
12.00		9270				
12.50		10612				
12.70	1/2	10612				
13.00		10984				
13.50		13005				
14.00		12710		16732		
14.29	9/16	13220	15807			
14.50		13220	15807	16732	20928	22045
15.00		13220	15807	16732	20928	22045
15.50		13044	15594	16515	20653	21731
15.87	5/8	13415	16044	16985	21240	22360
16.00		13415	16044	16985	21240	22360
16.50		13985	16712	17711	22143	23320
17.00		13985	16712	18203	22772	23320
17.45	11/16	14377	17203	18203	22772	23968
17.50		14377	17203	18203	22772	23968
18.00		14849	17750	18791	23497	24734
18.50		14849	17750	18791	23497	24734
19.00		15023	17945	19007	23770	25028
19.05	3/4	15023	17945	19007	23770	25028
19.50		15456	18476	19557	24459	25754
20.00		15221	17653	18694	23832	25089
20.50		15103	17497	18515	23635	24871
20.64	13/16	15749	18241	19322	24635	25930
21.00		15749	18241	19322	24635	25930
21.50		16279	18889	20005	25498	26851
22.00		16595	19242	20359	25969	27342
22.22	7/8	16103	18829	19927	22968	24164
22.50		16103	18829	19927	22968	24164
23.00		16437	19203	20340	23419	24635
23.50		17927	20967	22202	25556	26908
23.81	15/16	18123	21164	22419	25812	27166
24.00		18123	21164	22419	25812	27166
24.50		18439	22045	23340	27360	28812
25.00		19263	22516	23832	27438	28892
25.40	1	20849	24359	25792	29714	31265
25.50		20849	24359	25792	29714	31265

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
(EXTRA LONG SERIES)
TAPER SHANK



Size		Over all Length in mm					
mm	inch	400	425	450	475	500	525
26.00		21066	24635	26084	30028	31617	
26.50		22575	23988	25400	29497	31048	
26.99	1.1/16	23440	24910	26361	30616	32227	
27.00		23440	24910	26361	30616	32227	
27.50		23515	24987	26459	30712	32343	
28.00		25713	28693	30360	33577	35343	
28.50		25361	28281	29949	33108	34854	
28.57	1.1/8	25361	28281	29949	33108	34854	
29.00		26537	29617	31361	34677	36501	
29.50		26654	29734	31478	34811	36636	
30.00		27203	30360	32146	35537	37401	
30.16	1.3/16	27203	30360	32146	35537	37401	
31.00		27517	31067	32891	34716	36558	
31.75	1.1/4	27517	31067	32891	34716	36558	
32.00		28340	31990	33869	35774	37638	46502
33.00		29027	32753	34694	36617	38541	47620
33.34	1.5/16	29027	32753	34694	36617	41500	47620
34.00		30146	34028	36030	38029	40029	49463
34.92	1.3/8	33303	35380	37479	42028	44972	46442
35.00		33303	35380	37479	42028	44246	46442
36.00		34069	36205	38343	45854	48267	50677
36.51	1.7/16	35636	37873	40087	47950	48423	53010
37.00		35636	37873	40087	47950	50481	53010
38.00		36891	39187	41500	49640	52268	54876
38.10	1.1/2	36891	39187	41500	49640	50247	54876
39.00		40422	42794	45324	51031	53718	59917
40.00		41326	43893	46482	52325	55092	61465
41.00						57423	
41.27	1.5/8					57423	
42.00						59660	
43.00						62524	
44.00						64722	
44.45	1.3/4					66248	
45.00						66248	
45.50	1.13/16					68311	
46.00						68311	
47.00						71743	
47.62	1.7/8					78783	
48.00						78783	
49.00	1.15/16					79370	
50.00						79134	

Special notes:

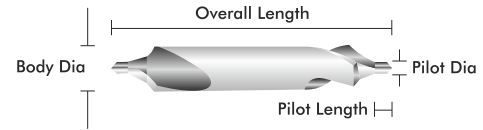
1. Intermediate, unlisted sizes (in Dia and Length) price of next larger listed size will be charged.
2. All sizes (in Dia and Length) should be ordered in multiples of 5 upto dia 25.40 mm.
3. Minimum ordering value per size should be worth Rs. 15,000 /- gross.
4. For specials and unlisted sizes please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

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



CENTRE DRILLS



TYPE 'A' AS PER IS-6708/1977

Pilot Dia mm k 12	Body Dia mm h9	Overall Length mm		Pilot Length mm		Price 1 N
		Max.	Min.	Max.	Min.	
1.00	3.15	33.5	29.5	1.9	1.3	314
1.25	3.15	33.5	29.5	2.2	1.6	314
1.60	4.00	37.5	33.5	2.8	2.0	314
2.00	5.00	42.0	38.0	3.3	2.5	314
2.50	6.30	47.0	43.0	4.1	3.1	350
3.15	8.00	52.0	48.0	4.9	3.9	513
4.00	10.00	59.0	53.0	6.2	5.0	640
5.00	12.50	66.0	60.0	7.5	6.3	1060

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	621
2.00	8.00	52	48	3.3	2.5	890
2.50	10.00	59	53	4.1	3.1	1121
3.15	11.20	63	57	4.9	3.9	1485
4.00	14.00	70	64	6.2	5.0	1768

AS PER B.S. 328 (PART 2)

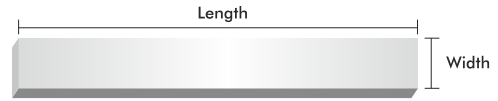
Size	Pilot Dia Inch	Body Dia Inch	Pilot Length Inch		OAL Inch	Tolerance on Overall Length	Price 1 N
			Max.	Min.			
BS 1	3/64	1/8	5/64	1/16	1.1/2	± 1/32	314
BS 2	1/16	3/16	3/32	5/64	1.3/4	± 1/33	314
BS 3	3/32	1/4	5/32	1/8	2	± 1/16	350
BS 4	1/8	5/16	3/16	5/32	2.1/4	± 1/16	544
BS 5	3/16	7/16	9/32	1/4	2.1/2	± 3/32	685
BS 6	1/4	5/8	0.375	0.312	3.093	2.906	1158

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



**SQUARE
TOOL BITS**



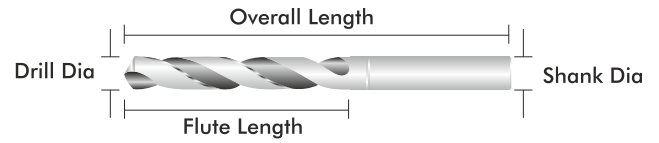
Size in Inch	Size in MM	Price (RS.) Each			
		JK (KT-0)	JK (KT-5)	JK (KT-8)	JK (KT-10)
3/16 x 3	5 x 75	145	243	308	323
3/16 x 4	5 x 100	183	360	462	477
3/16 x 6	5 x 150	286	658	985	997
1/4 x 3	6 x 75	158	315	416	431
1/4 x 4	6 x 100	197	420	554	570
1/4 x 6	6 x 150	276	688	920	939
5/16 x 3	8 x 75	174	405	540	554
5/16 x 4	8 x 100	239	570	755	769
5/16 x 6	8 x 150	391	896	1198	1213
3/8 x 3	10 x 75	225	479	646	661
3/8 x 4	10 x 100	261	626	861	875
3/8 x 6	10 x 150	424	1002	1367	1382
3/8 x 8	10 x 200	576	1417	1965	1979
1/2 x 3	12 x 75	330	748	1045	1076
1/2 x 4	12 x 100	433	1002	1367	1398
1/2 x 6	12 x 150	673	1537	2162	2195
1/2 x 8	12 x 200	874	2148	3022	3053
5/8 x 4	16 x 100	688	1642	2317	2348
5/8 x 6	16 x 150	1057	2476	3390	3434
5/8 x 8	16 x 200	1345	3385	4755	4815
3/4 x 4	20 x 100	920	2297	3190	3222
3/4 x 6	20 x 150	1452	3430	4678	4723
3/4 x 8	20 x 200	1936	4592	6395	6472
1 x 6	25 x 150	2425	5694	7834	7928
1 x 8	25 x 200	3297	7589	10456	10564

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



MASONRY



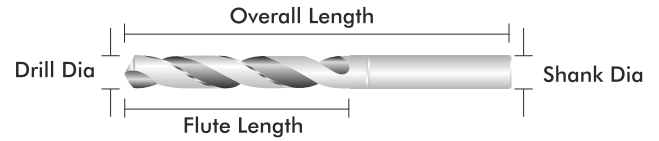
Size		Length		Price (Rs.) Each
inch	mm	flute	overall	
1/8	3.00	33	67	88
5/32	4.00	40	78	97
3/16	5.00	45	88	104
7/32	5.50	50	88	126
15/64	6.00	54	102	140
1/4	6.50	54	102	123
9/32	7.00	55	108	240
5/16	8.00	64	118	240
11/32	9.00	78	135	276
3/8	10.00	78	135	276
7/16	11.00	82	148	345
15/32	12.00	85	152	345
1/2	13.00	85	152	345

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



**SUPER GRANIT
MASONRY**



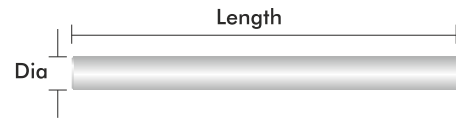
Size		Length		Price (Rs.) Each
inch	mm	flute	overall	
1/8	3.00	33	67	150
5/32	4.00	40	78	169
3/16	5.00	45	88	180
7/32	5.50	50	88	210
15/64	6.00	54	102	241
1/4	6.50	54	102	241
9/32	7.00	55	108	280
5/16	8.00	64	118	365
11/32	9.00	78	135	473
3/8	10.00	78	135	473
7/16	11.00	82	148	587
15/32	12.00	85	152	587
1/2	13.00	85	152	587

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 10 NOS.



**JOBBER
BLANKS**



Size - Diameter		dg/lg	Price (Rs.) 10 Pcs
mm	inch		
0.50 to 0.69			910
0.70 to 0.79			910
0.80 to 0.89	1/32		910
0.90 to 0.99			910
1.00 to 1.60	3/64, 1/16	61 to 53	510
1.61 to 2.78	5/64, 3/32, 7/64	52 to 36	540
2.79 to 3.00		35 to 32	560
3.05 to 3.17	1/8	31	660
3.20 to 3.57	9/64	30 to 28	670
3.60 to 4.00	5/32	27 to 22	830
4.04 to 4.40	11/64	21 to 17	940
4.50 to 4.80	3/16	16 to 12	1340
4.85 to 5.20	13/64	11 to 6	1370
5.22 to 5.60	7/32	5 to 8	1470
5.61 to 6.00	15/64	2, I & A	1640
6.04 to 6.40	1/4	B to E	1810
6.50 to 6.80	17/64	F to H	2270
6.90 to 7.20	9/32	I to K	2640
7.30 to 7.50		L to M	2930
7.54 to 7.90	19/64	N	3010
7.94 to 8.20	5/16	O & P	3310
8.30 to 8.70	21/64	Q & R	3980
8.73 to 9.09	11/32	S & T	4120
9.10 to 9.50	23/64	U	4360
9.52 to 9.80	3/8	V & W	4890
9.90 to 10.20	25/64	X	5630
10.26 to 10.60	13/32	Y & Z	5960
10.70 to 11.00	27/64		6290
11.10 to 11.40	7/16		7040
11.50 to 11.80	29/64		7400
11.90 to 12.20	15/32		7940
12.30 to 12.60	31/64		8340
12.70 to 13.00	1/2		8800

Useful Tips for Drilling

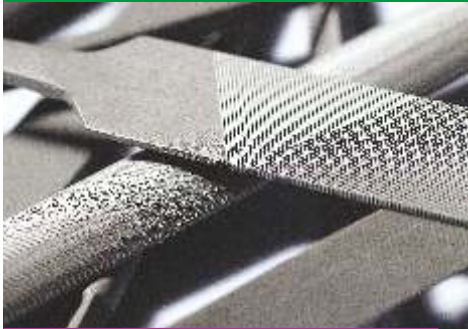
- Use the shortest drill possible for the specific applications as Longer drills are :
 1. More costly
 2. Break easily
 3. Drill bell mouthed holes
- Avoid the tendency to over speed and under feed as Excessive speed causes:
 1. Premature outer corner drill wear
 2. Material work hardening
 3. Long, 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 decrease 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

Other Range



Files



HSS Drills



Power Tools



Hand Tools



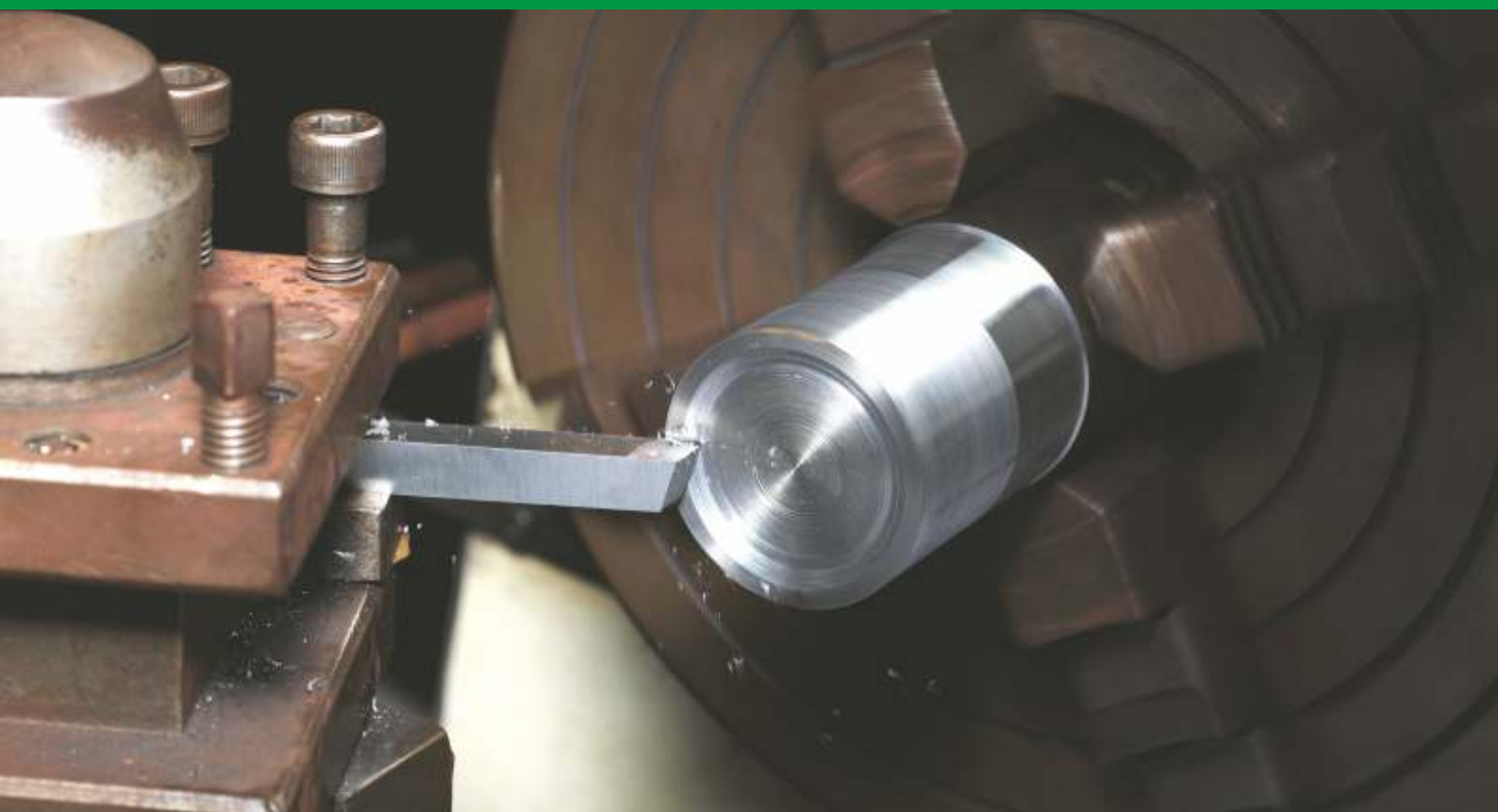
HSS Taps



Power Tool Accessories

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Chandan Electric Corporation

Since 1985

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