



HSS Drills



JK Files & Engineering Limited

(Formerly known as JK Files (India) Limited)

A subsidiary of **Raymond** Limited



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TERMS AND CONDITIONS:

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

HSS Straight Shank Jobber Drills Ground Flute

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



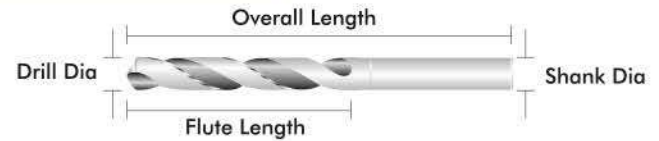
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
15th Nov 2023

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					1150
0.55			7	24	1150
0.60			7	24	1150
0.65			8	26	1150
0.70			9	28	1150
0.75	1/32		9	28	1150
0.80			10	30	1150
0.85			10	30	1150
0.90			11	32	1150
0.95			11	32	1150
1.00			12	34	610
1.02		60			610
1.04		59	12	34	610
1.07		58			610
1.09		57			610
1.10			14	36	610
1.18		56			610
1.19	3/64				610
1.20			16	38	610
1.30			16	38	610
1.32		55			610
1.40		54	18	40	610
1.50			18	40	610
1.51		53			640
1.59	1/16				640
1.60			20	43	640
1.61		52			640
1.70		51	20	43	640
1.78		50			640
1.80			22	46	640
1.85		49	22	46	640
1.90			22	46	640
1.93		48			640
1.98	5/64		24	49	640
1.99		47	24	49	650
2.00			24	49	650
2.06		46	24	49	650
2.08		45	24	49	650

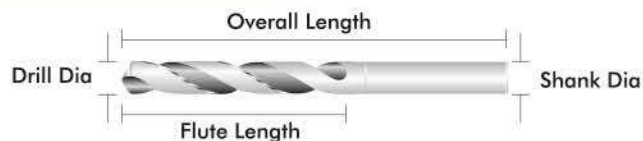
Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
2.10			24	49	650
2.18		44	27	53	650
2.20			27	53	650
2.26		43	27	53	650
2.30			27	53	650
2.37		42	30	57	650
2.38	3/32		30	57	650
2.40			30	57	650
2.44		41	30	57	650
2.49		40	30	57	650
2.50			30	57	650
2.53		39	30	57	650
2.58		38	30	57	650
2.60			30	57	650
2.64		37	30	57	680
2.70			33	61	680
2.71		36	33	61	680
2.78	7/64		33	61	680
2.79		35	33	61	680
2.80			33	61	680
2.82		34	33	61	680
2.87		33	33	61	680
2.90			33	61	680
2.95		32	33	61	680
3.00			33	61	680
3.05		31	36	65	840
3.10			36	65	840
3.17	1/8		36	65	840
3.20			36	65	940
3.26		30	36	65	940
3.30			36	65	940
3.40			39	70	940
3.45		29	39	70	940
3.50			39	70	940
3.57	9/64	28	39	70	940
3.60			39	70	1180
3.66		27	39	70	1270
3.70			39	70	1270

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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	1270
3.80		25	43	75	1270
3.86		24	43	75	1270
3.90			43	75	1270
3.91		23	43	75	1270
3.97	5/32		43	75	1270
3.99		22	43	75	1270
4.00			43	75	1270
4.04		21	43	75	1510
4.09		20	43	75	1510
4.10			43	75	1510
4.20			43	75	1510
4.22		19	43	75	1510
4.30		18	47	80	1510
4.37	11/64		47	80	1530
4.39		17	47	80	1530
4.40			47	80	1530
4.50		16	47	80	1880
4.57		15	47	80	1880
4.60			47	80	1880
4.62		14	47	80	1880
4.70		13	47	80	1880
4.76	3/16		52	86	1880
4.80		12	52	86	1930
4.85		11	52	86	2010
4.90			52	86	2010
4.92		10	52	86	2010
4.98		9	52	86	2010
5.00			52	86	1970
5.06		8	52	86	1970
5.10			52	86	1970
5.11		7	52	86	1970
5.16	13/64		52	86	1970
5.18		6	52	86	1970
5.20			52	86	1970
5.22		5	52	86	2260
5.30			52	86	2260
5.31		4	57	93	2260

Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
5.40			57	93	2260
5.41		3	57	93	2260
5.50			57	93	2260
5.56	7/32		57	93	2260
5.60			57	93	2260
5.61		2	57	93	2490
5.70			57	93	2490
5.79		1	57	93	2490
5.80			57	93	2490
5.90			57	93	2490
5.94		A	57	93	2490
5.95	15/64		57	93	2490
6.00			57	93	2490
6.04		B	63	101	2780
6.10			63	101	2780
6.15		C	63	101	2780
6.20			63	101	2780
6.25		D	63	101	2810
6.30			63	101	2810
6.35	1/4	E	63	101	2810
6.40			63	101	2810
6.50			63	101	3510
6.53		F	63	101	3510
6.60			63	101	3510
6.63		G	63	101	3510
6.70			63	101	3510
6.75	17/64	H	69	109	3510
6.80			69	109	3510
6.90		I	69	109	3820
7.00			69	109	3820
7.03		J	69	109	3820
7.10			69	109	3820
7.14	9/32	K	69	109	3820
7.20			69	109	4130
7.30			69	109	4130
7.37		L	69	109	4130
7.40			69	109	4130
7.49		M	69	109	4130

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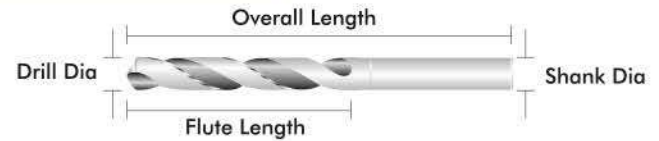
HEAVY MACHINE TOOL - CUTTING DEVICE

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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	
7.50			69	109	4130
7.54	19/64		75	117	4450
7.60			75	117	4450
7.67		N	75	117	4630
7.70			75	117	4630
7.80			75	117	4630
7.90			75	117	4630
7.94	5/16		75	117	4900
8.00			75	117	4900
8.03		O	75	117	4900
8.10			75	117	4900
8.20		P	75	117	4900
8.30			75	117	5770
8.33	21/64		75	117	5770
8.40			75	117	6040
8.43		Q	75	117	6040
8.50			75	117	6040
8.60			81	125	6040
8.61		R	81	125	6040
8.70			81	125	6040
8.73	11/32		81	125	6350
8.80			81	125	6350
8.84		S	81	125	6350
8.90			81	125	6350
9.00			81	125	6350
9.09		T	81	125	6630
9.10			81	125	6630
9.13	23/64		81	125	6630
9.20			81	125	6630
9.30			81	125	6630
9.34		U	81	125	6630
9.40			81	125	6630
9.50			81	125	6630
9.52	3/8		87	133	7530
9.58		V	87	133	7530
9.60			87	133	7530
9.70			87	133	7530
9.80		W	87	133	7530

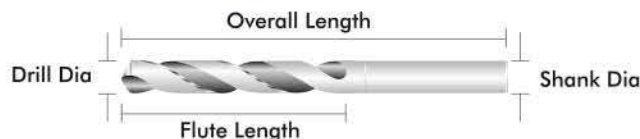
Size-Diameter			Length mm		Price 10 N
mm	inch	dg/lg	flute	overall	
9.90			87	133	8260
9.92	25/64		87	133	8260
10.00			87	133	8260
10.08		X	87	133	8260
10.10			87	133	8260
10.20			87	133	8260
10.26		Y	87	133	8660
10.30			87	133	8660
10.32	13/32		87	133	8660
10.40			87	133	9080
10.49		Z	87	133	9080
10.50			87	133	9080
10.60			87	133	9080
10.70			94	142	9080
10.72	27/64		94	142	9610
10.80			94	142	9610
10.90			94	142	9610
11.00			94	142	9610
11.10			94	142	10720
11.11	7/16		94	142	10720
11.20			94	142	10720
11.30			94	142	10720
11.40			94	142	10720
11.50			94	142	11320
11.51	29/64		94	142	11320
11.60			94	142	11320
11.70			94	142	11320
11.80			94	142	11320
11.90			101	151	12050
11.91	15/32		101	151	12050
12.00			101	151	12050
12.10			101	151	12050
12.20			101	151	12050
12.30	31/64		101	151	12820
12.40			101	151	12820
12.50			101	151	12820
12.60			101	151	12820
12.70	1/2		101	151	13140

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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	13520
12.90			101	151	13520
13.00			101	151	13520
13.10	33/64		101	151	16770
13.20			101	151	16770
13.30			108	160	16770
13.40			108	160	16770
13.49	17/32		108	160	17850
13.50			108	160	17850
13.60			108	160	17850
13.70			108	160	17850
13.80			108	160	17850
13.89	35/64		108	160	19750
13.90			108	160	19750
14.00			108	160	19750
14.25			114	169	19750
14.29	9/16		114	169	19750
14.50			114	169	19750
14.68	37/64		114	169	19750
14.75			114	169	22320
15.00			114	169	22320
15.08	19/32		120	178	22320
15.25			120	178	22320
15.48	39/64		120	178	23700
15.50			120	178	23700
15.75			120	178	25000
15.87	5/8		120	178	25000
16.00			120	178	25000

Jobber Drill Set 1/16" to 1/4" (13 pc)	: - 1820
Jobber Drill Set 2.00 to 8.00 mm (13 pc)	: - 2730
Jobber Drill Set 1/ 8" to 1/ 4" (4 pc)	: - 684
Jobber Drill Set 3/ 32" to 1/ 4" (7 pc)	: - 1071
Jobber Drill Set 1/ 16" to 1/ 2" (29 pc)	: - 15138
Jobber Drill Set 1.00 to 13.00 mm (25 pc)	: - 11725

Special notes:

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

Terms & Conditions:

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

HSS Straight Shank Stub Series Drills

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



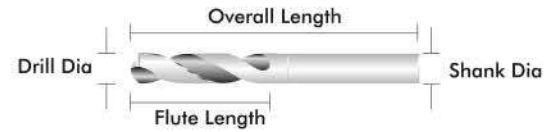
HEAVY MACHINE TOOL - CUTTING DEVICE

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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	
1.00		6	26	610
1.19	3/64	8	30	610
1.20		8	30	610
1.50		9	32	610
1.59	1/16	10	34	620
1.80		11	36	620
1.98	5/64	12	38	620
2.00		12	38	600
2.20		13	40	600
2.38	3/32	14	43	600
2.50		14	43	600
2.78	7/64	16	46	600
2.80		16	46	700
3.00		16	46	700
3.17	1/8	18	49	810
3.20		18	49	870
3.50		20	52	870
3.57	9/64	20	52	870
3.80		22	55	1150
3.97	5/32	22	55	1150
4.00		22	55	1150
4.20		22	55	1310
4.37	11/64	24	58	1310
4.50		24	58	1600
4.76	3/16	26	62	1600
4.80		26	62	1600
5.00		26	62	1680
5.16	13/64	26	62	1680
5.20		26	62	1680
5.50		28	66	1870
5.56	7/32	28	66	1870
5.80		28	66	2080
5.95	15/64	28	66	2080
6.00		28	66	2130
6.20		31	70	2380
6.35	1/4	31	70	2380
6.50		31	70	2870
6.75	17/64	34	74	2870

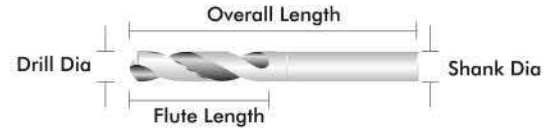
Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
6.80		34	74	2870
7.00		34	74	3190
7.14	9/32	34	74	3190
7.20		34	74	3190
7.50		34	74	3260
7.54	19/64	37	79	3590
7.80		37	79	3650
7.94	5/16	37	79	4030
8.00		37	79	4030
8.20		37	79	4030
8.33	21/64	37	79	5170
8.50		37	79	5170
8.73	11/32	40	84	5380
8.80		40	84	5380
9.00		40	84	5380
9.13	23/64	40	84	5680
9.20		40	84	5680
9.50		40	84	5680
9.52	3/8	43	89	5950
9.80		43	89	6300
9.92	25/64	43	89	7270
10.00		43	89	7270
10.20		43	89	7270
10.32	13/32	43	89	7740
10.50		43	89	7740
10.72	27/64	47	95	8760
10.80		47	95	8760
11.00		47	95	8760
11.11	7/16	47	95	9180
11.20		47	95	9720
11.50		47	95	10410
11.51	29/64	47	95	10410
11.80		47	95	10410
11.91	15/32	51	102	10410
12.00		51	102	10410
12.20		51	102	10410
12.30	31/64	51	102	11260
12.50		51	102	11260

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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	11580
12.80		51	102	11580
13.00		51	102	11580
13.20		51	102	14220
13.49	17/32	54	107	15210
13.50		54	107	15210
13.80		54	107	15210
14.00		54	107	15810
14.25		56	111	15810
14.29	9/16	56	111	15810
14.50		56	111	17190
14.75		56	111	18670
15.00		56	111	18670
15.08	19/32	58	115	18670
15.25		58	115	18670
15.50		58	115	20260
15.75		58	115	20260
15.87	5/8	58	115	20260
16.00		58	115	20260
16.25		60	119	20350
16.50		60	119	20350
16.67	21/32	60	119	20350
16.75		60	119	20790
17.00		60	119	20790
17.25		62	123	21160
17.46	11/16	62	123	21160
17.50		62	123	21170
17.75		62	123	21490
18.00		62	123	21490
18.25		64	127	21810
18.26	23/32	64	127	21810
18.50		64	127	21810
18.75		64	127	22200
19.00		64	127	22200
19.05	3/4	66	131	22200
19.25		66	131	22690
19.50		66	131	22690
19.75		66	131	22690

Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
19.84	25/32	66	131	22690
20.00		66	131	22980
20.25		68	136	23520
20.50		68	136	23520
20.64	13/16	68	136	23520
20.75		68	136	24430
21.00		68	136	24430
21.25		70	141	24690
21.43	27/32	70	141	24690
21.50		70	141	24690
21.75		70	141	25910
22.00		70	141	25910
22.22	7/8	70	141	25910
22.25		70	141	27540
22.50		72	146	27540
22.75		72	146	27920
23.00		72	146	27920
23.02	29/32	72	146	27920
23.25		72	146	29510
23.50		72	146	29510
23.75		75	151	29510
23.81	15/16	75	151	29510
24.00		75	151	32610
24.25		75	151	32610
24.50		75	151	32610
24.61	31/32	75	151	32610
24.75		75	151	35800
25.00		75	151	35800
25.25		78	156	36000
25.40	1	78	156	36000
25.50		78	156	40610
26.00		78	156	40610
26.19	1.1/32	78	156	41530
26.50		78	156	41530
26.99	1.1/16	81	162	41940
27.00		81	162	44290
27.50		81	162	44290
27.78	1.3/32	81	162	46800

HSS Straight Shank Stub Series Drills

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



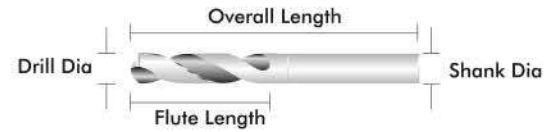
HEAVY MACHINE TOOL - CUTTING DEVICE

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MAXIMUM RETAIL PRICE LIST
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STUB
STRAIGHT SHANK



Size-Diameter		Length mm		Price 10 N
mm	inch	flute	overall	
28.00		81	162	46800
28.50		84	168	47210
28.57	1.1/8	84	168	47210
29.00		84	168	49580
29.37	1.5/32	84	168	54500
29.50		84	168	54500
30.00		84	168	55210
30.16	1.3/16	87	174	55210
30.50		87	174	62140
30.96	1.7/32	87	174	62140
31.00		87	174	62140
31.50		87	174	63040
31.75	1.1/4	90	180	63040
32.00		90	180	64760
32.50		90	180	66370
32.54	1.9/32	90	180	66370
33.00		90	180	66370
33.34	1.5/16	90	180	66370
33.50		90	180	69940
34.00		93	186	69940
34.13	1.11/32	93	186	76760
34.50		93	186	76760
34.92	1.3/8	93	186	76760
35.00		93	186	84330
35.50		93	186	85590
35.72	1.13/32	96	193	85590
36.00		96	193	85590
36.50		96	193	85590
36.51	1.7/16	96	193	85590
37.00		96	193	91950
37.31	1.15/32	96	193	93340
37.50		96	193	93340
38.00		100	200	93340
38.10	1.1/2	100	200	93340
38.50		100	200	104200
39.00		100	200	104200
39.50		100	200	106090
40.00		100	200	106090

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:

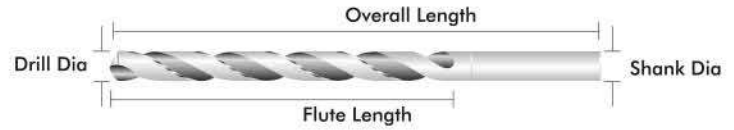
1. Prices are F.O.R. Destination.
2. Prices are subject to revision without prior notice.
3. All legal proceedings are subject to Mumbai Jurisdiction.

w.e.f.
15th Nov 2023

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	394
1.10		37	60	394
1.19	3/64	41	65	394
1.20		41	65	394
1.30		41	65	394
1.40		45	70	394
1.50		45	70	394
1.59	1/16	50	76	394
1.60		50	76	394
1.70		50	76	394
1.80		53	80	394
1.90		53	80	394
1.98	5/64	56	85	394
2.00		56	85	394
2.10		56	85	394
2.20		59	90	394
2.30		59	90	494
2.38	3/32	62	95	494
2.40		62	95	494
2.50		62	95	494
2.60		62	95	494
2.70		66	100	494
2.78	7/64	66	100	494
2.80		66	100	494
2.90		66	100	494
3.00		66	100	494
3.10		69	106	494
3.17	1/8	69	106	494
3.20		69	106	494
3.30		69	106	494
3.40		73	112	494
3.50		73	112	494
3.57	9/64	73	112	494
3.60		73	112	494
3.70		73	112	537
3.80		78	119	537
3.90		78	119	537
3.97	5/32	78	119	537

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
4.00		78	119	537
4.10		78	119	537
4.20		78	119	537
4.30		82	126	537
4.37	11/64	82	126	537
4.40		82	126	537
4.50		82	126	537
4.60		82	126	537
4.70		82	126	537
4.76	3/16	87	132	537
4.80		87	132	537
4.90		87	132	616
5.00		87	132	616
5.10		87	132	616
5.16	13/64	87	132	616
5.20		87	132	616
5.30		87	132	718
5.40		91	139	718
5.50		91	139	718
5.56	7/32	91	139	718
5.60		91	139	801
5.70		91	139	801
5.80		91	139	801
5.90		91	139	801
5.95	15/64	91	139	801
6.00		91	139	801
6.10		97	148	903
6.20		97	148	903
6.30		97	148	903
6.35	1/4	97	148	903
6.40		97	148	1149
6.50		97	148	1149
6.60		97	148	1374
6.70		97	148	1374
6.75	17/64	102	156	1374
6.80		102	156	1374
6.90		102	156	1374
7.00		102	156	1374

HSS Straight Shank Long Series Drills

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



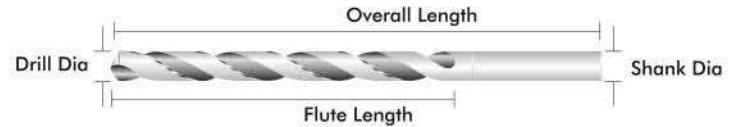
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
15th Nov 2023

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	1374
7.14	9/32	102	156	1374
7.20		102	156	1374
7.30		102	156	1374
7.40		102	156	1374
7.50		102	156	1374
7.54	19/64	109	165	1374
7.60		109	165	1374
7.70		109	165	1374
7.80		109	165	1374
7.90		109	165	1414
7.94	5/16	109	165	1414
8.00		109	165	1414
8.10		109	165	1414
8.20		109	165	1414
8.30		109	165	1414
8.33	21/64	109	165	1414
8.40		109	165	1414
8.50		109	165	1434
8.60		115	175	1498
8.70		115	175	1498
8.73	11/32	115	175	1498
8.80		115	175	1805
9.00		115	175	1805
9.13	23/64	115	175	1805
9.20		115	175	1805
9.50		115	175	1805
9.52	3/8	121	184	1805
9.80		121	184	1823
9.92	25/64	121	184	1823
10.00		121	184	1823
10.20		121	184	1823
10.32	13/32	121	184	1823
10.50		121	184	1967
10.72	27/64	128	195	2232
10.80		128	195	2232
11.00		128	195	2232
11.11	7/16	128	195	2232

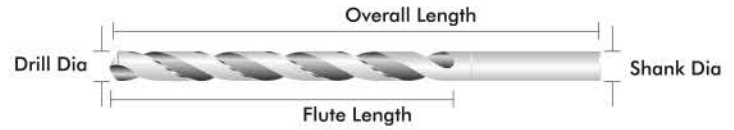
Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
11.20		128	195	2398
11.50		128	195	2398
11.51	29/64	128	195	2398
11.80		128	195	2398
11.91	15/32	134	205	2398
12.00		134	205	2398
12.20		134	205	2435
12.30	31/64	134	205	2435
12.50		134	205	2435
12.70	1/2	134	205	2435
12.80		134	205	3336
13.00		134	205	3336
13.10	33/64	134	205	3378
13.20		134	205	3378
13.49	17/32	140	214	3378
13.50		140	214	3378
13.80		140	214	3665
13.89	35/64	140	214	3665
14.00		140	214	3378
14.25		144	220	3378
14.29	9/16	144	220	3378
14.50		144	220	3541
14.68	37/64	144	220	3888
14.75		144	220	3541
15.00		144	220	3541
15.08	19/32	149	227	3541
15.25		149	227	3665
15.50		149	227	3665
15.75		149	227	3665
15.87	5/8	149	227	3665
16.00		149	227	3728
16.25		154	235	3728
16.27	41/64	154	235	4153
16.50		154	235	3806
16.67	21/32	154	235	3806
16.75		154	235	3888
17.00		154	235	3888
17.07	43/64	158	241	4214

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15th Nov 2023

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	3888
17.46	11/16	158	241	3888
17.50		158	241	4153
17.75		158	241	4153
17.86	45/64	158	241	4587
18.00		158	241	4214
18.25		162	247	4214
18.26	23/32	162	247	4214
18.50		162	247	4401
18.65	47/64	162	247	4828
18.75		162	247	4484
19.00		162	247	4484
19.05	3/4	166	254	4484
19.25		166	254	4728
19.45	49/64	166	254	5178
19.50		166	254	4728
19.75	25/32	166	254	4728
19.84		166	254	4728
20.00		166	254	5034
20.24	51/64	171	261	5340
20.25		171	261	5034
20.50		171	261	5034
20.64	13/16	171	261	5034
20.75		171	261	5178
21.00		171	261	5178
21.03	53/64	171	261	5670
21.25		176	268	5340
21.43	27/32	176	268	5340
21.50		176	268	5670
21.75		176	268	5670
21.83	55/64	176	268	6057
22.00		176	268	5670
22.22	7/8	176	268	5670
22.25		176	268	6117
22.50		180	275	6117
22.62	57/64	180	275	6547
22.75		180	275	6261
23.00		180	275	6261
23.02	29/32	180	275	6261
23.25		180	275	6346
23.42	59/64	180	275	7487
23.50		180	275	6958
23.75		185	282	6958
23.81	15/16	185	282	6958
24.00		185	282	7242
24.21	61/64	185	282	7916
24.25		185	282	7242
24.50		185	282	7242
24.61	31/32	185	282	7242

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
24.75		185	282	7776
25.00	63/64	185	282	7776
25.25		190	290	7879
25.40	1	190	290	7879
25.50		190	290	9697
25.75		190	290	9697
25.80	1.1/64	190	290	9899
26.00		190	290	9899
26.19	1.1/32	190	290	9899
26.25		190	290	10679
26.50		190	290	10679
26.59	1.3/64	195	298	10902
26.75		195	298	10902
26.99	1.1/16	195	298	10902
27.00		195	298	11128
27.25		195	298	11128
27.38	1.5/64	195	298	11251
27.50		195	298	11251
27.75		195	298	11251
27.78	1.3/32	195	298	11251
28.00		195	298	12294
28.18	1.7/64	201	307	12458
28.25		201	307	12458
28.50		201	307	12458
28.57	1.1/8	201	307	12458
28.75		201	307	12560
28.97	1.9/64	201	307	12808
29.00		201	307	12808
29.25		201	307	12808
29.37	1.5/32	201	307	12808
29.50		201	307	12968
29.75		201	307	12968
29.77	1.11/64	201	307	13232
30.00		201	307	13232
30.16	1.3/16	207	316	13232
30.25		207	316	14071
30.50		207	316	14071
30.56	1.13/64	207	316	14317
30.75		207	316	14317
30.96	1.7/32	207	316	14317
31.00		207	316	15936
31.25		207	316	15936
31.35	1.15/64	207	316	16506
31.50		207	316	16506

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.



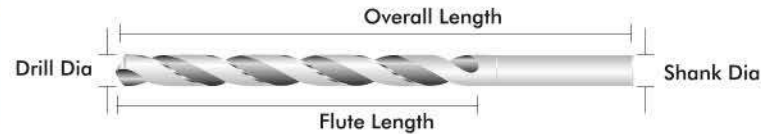
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
15th Nov 2023

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		1171				
0.60		1086				
0.70	1/32		1065			
0.80		746				
0.90						
1.00			726			
1.10			726			
1.20	3/64		726			
1.30			726		1129	
1.40			726			
1.50			726	958	1065	
1.60	1/16		685	895	1065	
1.70			685	917	1065	
1.80			685	917	1065	
1.90				917	1065	
2.00	5/64		917	917	1109	
2.10				917	1660	
2.20				917	1109	
2.30				917	1109	
2.40	3/32			917	1109	
2.50			1321	1321	1575	
2.60						
2.70				1300	1575	
2.80	7/64			1300	1575	
2.90						
3.00				1236	1490	1785
3.17	1/8				1490	1785
3.50	9/64				1556	1785
3.97	5/32				1469	1785
4.00				1469	1469	
4.50	11/64				1490	1849
4.76	3/16				1533	1871
5.00					1533	1871
5.50	13/64				1619	1978
5.56	7/32					
6.00	15/64				1660	2042
6.35	1/4					
9.00					2254	

Size		Over all Length in mm							
mm	inch	200	225	250	275	300	325	350	375
2.50			2574						
2.60									
2.70									
2.80	7/64	1766							
2.90									
3.00		2042	2403	2870	3635	3997			
3.17		2042	2403	2870	3635	3997			
3.50		2063	2784	3083	4081	4489		5674	
3.97		2042	2784	3104	4081	4489	5137	5610	6288
4.00		2042	2784	3104	4081	4489	5137	5610	6288
4.50		2104	2784	3104	4081	4489	5242	5756	6414
4.76		2148	2849	3169	4100	4511	5346	5863	6542
5.00		2148	2849	3169	4100	4511	5346	5863	6542
5.50		2276	3041	3379	4526	4980	5379	5886	6585
5.56		2276		3379	4526	4980	5379	5886	6585
6.00		2316	3124	3464	4484	4933	5379		6585
6.35		2912		4333	4738	5211	6872	7540	8408
6.50		2912		4333	4738	5211	6872	7540	8408
7.00	17/64	2934		4377	5056	5562	6941	7646	8495
7.14	9/32	3104		4866	5586	6147	7289	8071	8918
7.50	19/64	3104		4631	5586	6147	7289	8071	8918
7.94	5/16	3422			5822	6403	8017	8918	9812
8.00		3422	3887	5118	5822	6403	8017	8918	9812
8.50	21/64	3379		4844	5886	6475	8025	8920	9821
8.73	11/32	3379		4801	5886	6475	8025	8920	9821
9.00		3359		4801	5886	6475	8067	8980	9870
9.50	23/64	3485		4993	5863	6452	8308	9332	10167
9.52	3/8	3485		4993	6012	6614	8308	9332	10167
10.00	25/64	3551		4887	6137	6752	8502	9598	10404
10.32	13/32	3844		5311	6459	7104	8700	9862	10648
10.50		3844		5311	6459	7104	8700	9862	10648
11.00	27/64			5267	6564	7222	8701	9858	10653
11.11	7/16			5267	6564	7222	8701	9858	10653
11.50	29/64			5610	7051	7756	8778	10023	10744
11.91	15/32			5629	7051	7756	8778	10066	10744
12.00				5629	7200	7920	8778	10066	10744
12.50	31/64			5966	7200	7920	9213	10663	11275
12.70	1/2				7200	7920	9213	10663	11275

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:

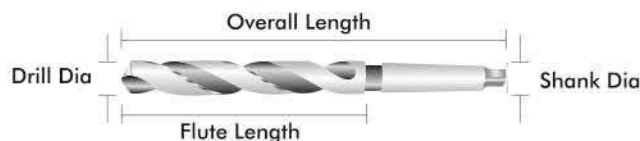
1. Prices are F.O.R. Destination.
2. Prices are subject to revision without prior notice.
3. All legal proceedings are subject to Mumbai Jurisdiction.

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15th Nov 2023

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	597
3.17	1/8	36	117	597
3.20		36	117	616
3.50		39	120	616
3.57	9/64	39	120	616
3.80		43	124	616
3.97	5/32	43	124	616
4.00		43	124	616
4.20		43	124	803
4.37	11/64	47	128	803
4.50		47	128	803
4.76	3/16	52	133	803
4.80		52	133	803
5.00		52	133	803
5.16	13/64	52	133	803
5.20		52	133	803
5.50		57	138	803
5.56	7/32	57	138	803
5.80		57	138	803
5.95	15/64	57	138	803
6.00		57	138	803
6.20		63	144	922
6.35	1/4	63	144	922
6.50		63	144	922
6.75	17/64	69	150	922
6.80		69	150	922
7.00		69	150	977
7.14	9/32	69	150	977
7.20		69	150	977
7.50		69	150	977
7.54	19/64	75	156	977
7.80		75	156	977
7.94	5/16	75	156	977
8.00		75	156	977
8.20		75	156	1107
8.33	21/64	75	156	1166
8.50		75	156	1166

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
8.73	11/32	81	162	1166
8.80		81	162	1227
9.00		81	162	1227
9.13	23/64	81	162	1227
9.20		81	162	1227
9.50		81	162	1227
9.52	3/8	87	168	1227
9.80		87	168	1313
9.92	25/64	87	168	1392
10.00		87	168	1352
10.20		87	168	1352
10.32	13/32	87	168	1352
10.50		87	168	1651
10.72	27/64	94	175	1717
10.80		94	175	1717
11.00		94	175	1717
11.11	7/16	94	175	1717
11.20		94	175	1717
11.50		94	175	1717
11.51	29/64	94	175	1717
11.80		94	175	1717
11.91	15/32	101	182	1845
12.00		101	182	1717
12.20		101	182	1717
12.30	31/64	101	182	1717
12.50		101	182	1717
12.70	1/2	101	182	1717
12.80		101	182	1717
13.00		101	182	2308
13.10	33/64	101	182	2405
13.20		101	182	2405
13.49	17/32	108	189	2405
13.50		108	189	2585
13.80		108	189	2585
13.89	35/64	108	189	2686
14.00		108	189	2686
MT2				
14.25		114	212	2813

HSS Taper Shank Twist Drills

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



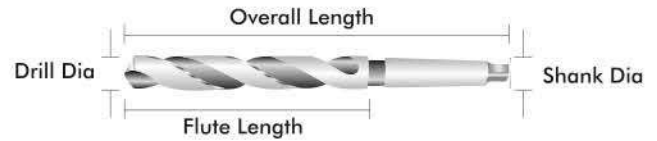
HEAVY MACHINE TOOL - CUTTING DEVICE

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15th Nov 2023

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	2813
14.50		114	212	2940
14.68	37/64	114	212	2940
14.75		114	212	2940
15.00		114	212	2940
15.08	19/32	120	218	3109
15.25		120	218	3151
15.48	39/64	120	218	3151
15.50		120	218	3151
15.75		120	218	3151
15.87	5/8	120	218	3151
16.00		120	218	3171
16.25		125	223	3171
16.27	41/64	125	223	3171
16.50		125	223	3242
16.67	21/32	125	223	3242
16.75		125	223	3242
17.00		125	223	3242
17.07	43/64	130	228	3242
17.25		130	228	3242
17.46	11/16	130	228	3305
17.50		130	228	3429
17.75		130	228	3470
17.86	45/64	130	228	3750
18.00		130	228	3750
18.25		135	233	3750
18.26	23/32	135	233	3750
18.50		135	233	3750
18.65	47/64	135	233	3750
18.75		135	233	3750
19.00		135	233	3750
19.05	3/4	140	238	3750
19.25		140	238	3914
19.45	49/64	140	238	3914
19.50		140	238	3914
19.75		140	238	3914
19.84	25/32	140	238	3914
20.00		140	238	4130

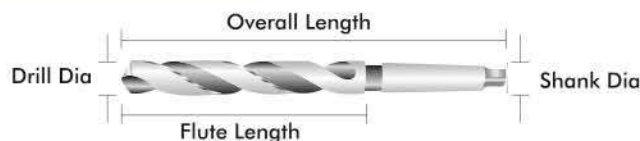
Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
20.24	51/64	145	243	4270
20.25		145	243	4270
20.50		145	243	4270
20.64	13/16	145	243	4270
20.75		145	243	4439
21.00		145	243	4439
21.03	53/64	145	243	4627
21.25		150	248	4627
21.43	27/32	150	248	4627
21.50		150	248	4693
21.75		150	248	4693
21.83	55/64	150	248	4776
22.00		150	248	4776
22.22	7/8	150	248	4776
22.25		150	248	5121
22.50		155	253	5121
22.62	57/64	155	253	5300
22.75		155	253	5300
23.00		155	253	5403
23.02	29/32	155	253	5685
MT3				
23.25		155	276	6455
23.42	59/64	155	276	6455
23.50		155	276	6455
23.75		160	281	6455
23.81	15/16	160	281	6455
24.00		160	281	6624
24.21	61/64	160	281	6624
24.25		160	281	6624
24.50		160	281	6753
24.61	31/32	160	281	6753
24.75		160	281	7053
25.00	63/64	160	281	7053
25.25		165	286	7138
25.40	1	165	286	7138
25.50		165	286	8145
25.75		165	286	8145
25.80	1.1/64	165	286	8097

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15th Nov 2023

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	8097
26.19	1.1/32	165	286	8097
26.25		165	286	8143
26.50		165	286	9085
26.59	1.3/64	170	291	8691
26.75		170	291	8691
26.99	1.1/16	170	291	9069
27.00		170	291	9069
27.25		170	291	9069
27.38	1.5/64	170	291	9069
27.50		170	291	9069
27.75		170	291	9069
27.78	1.3/32	170	291	9069
28.00		170	291	9818
28.18	1.7/64	175	296	9839
28.25		175	296	9839
28.50		175	296	9839
28.57	1.1/8	175	296	9839
28.75		175	296	10633
28.97	1.9/64	175	296	10309
29.00		175	296	10309
29.25		175	296	10309
29.37	1.5/32	175	296	10309
29.50		175	296	10348
29.75		175	296	10348
29.77	1.11/64	175	296	10655
30.00		175	296	10355
30.16	1.3/16	180	301	11143
30.25		180	301	11553
30.50		180	301	11553
30.56	1.13/64	180	301	11731
30.75		180	301	11731
30.96	1.7/32	180	301	11731
31.00		180	301	13071
31.25		180	301	13071
31.35	1.15/64	180	301	13640
31.50		180	301	13640
31.75	1.1/4	185	306	14700

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
MT4				
32.00		185	334	15364
32.15	1.17/64	185	334	15364
32.50		185	334	15364
32.54	1.9/32	185	334	15364
32.94	1.19/64	185	334	15730
33.00		185	334	15730
33.34	1.5/16	185	334	15730
33.50		185	334	16412
33.73	1.21/64	190	339	16719
34.00		190	339	16719
34.13	1.11/32	190	339	17267
34.50		190	339	18137
34.53	1.23/64	190	339	18318
34.92	1.3/8	190	339	18318
35.00		190	339	18318
35.32	1.25/64	190	339	19231
35.50		190	339	19231
35.72	1.13/32	195	344	19231
36.00		195	344	19515
36.12	1.27/64	195	344	19917
36.50		195	344	19917
36.51	1.7/16	195	344	19917
36.91	1.29/64	195	344	19917
37.00		195	344	20405
37.31	1.15/32	195	344	20405
37.50		195	344	21740
37.70	1.31/64	200	349	23349
38.00		200	349	23349
38.10	1.1/2	200	349	23349
38.50	1.33/64	200	349	23349
38.89	1.17/32	200	349	23349
39.00		200	349	24106
39.29	1.35/64	200	349	24106
39.50		200	349	24106
39.69	1.9/16	200	349	24106
40.00		200	349	24715
40.08	1.37/64	205	354	25139

HSS Taper Shank Twist Drills

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



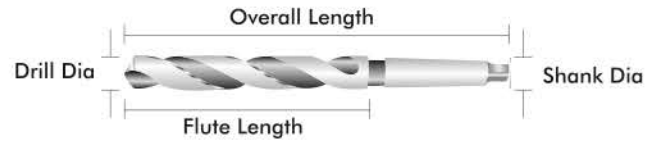
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
15th Nov 2023

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	25139
40.50		205	354	26132
40.88	1.39/64	205	354	26132
41.00		205	354	26132
41.27	1.5/8	205	354	26132
41.50		205	354	27165
41.67	1.41/64	205	354	27165
42.00		205	354	27692
42.07	1.21/32	205	354	27165
42.47	1.43/64	205	354	27852
42.50		205	354	27852
42.86	1.11/16	210	359	28198
43.00		210	359	28863
43.26	1.45/64	210	359	28863
43.50		210	359	28863
43.66	1.23/32	210	359	28863
44.00		210	359	29878
44.05	1.47/64	210	359	29878
44.45	1.3/4	210	359	29878
44.50		210	359	29878
44.85	1.49/64	210	359	30582
45.00		210	359	30582
45.24	1.25/32	215	364	30582
45.50		215	364	31959
45.64	1.51/64	215	364	31959
46.00		215	364	31959
46.04	1.13/16	215	364	31959
46.43	1.53/64	215	364	33579
46.50		215	364	33579
46.83	1.27/32	215	364	33579
47.00		215	364	33579
47.23	1.55/64	215	364	34289
47.50		215	364	34289
47.62	1.7/8	220	369	34289
48.00		220	369	37387
48.02	1.57/64	220	369	37387
48.42	1.29/32	220	369	37387
48.50		220	369	37647

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
48.82	1.59/64	220	369	37647
49.00		220	369	37647
49.21	1.15/16	220	369	37647
49.50		220	369	38053
49.61	1.61/64	220	369	38053
50.00		220	369	38053
50.01	1.31/32	225	374	38357
50.40	1.63/64	225	374	40077
50.50		225	374	40077
50.80	2	225	374	40077
MT5				
51.00		225	412	54955
51.50		225	412	54955
51.59	2.1/32	225	412	54955
52.00		225	412	54955
52.39	2.1/16	225	412	54955
52.50		225	412	77005
53.00		225	412	70819
53.18	2.3/32	230	417	70819
53.50		230	417	70819
53.97	2.1/8	230	417	70819
54.00		230	417	70819
54.50		230	417	74378
54.77	2.5/32	230	417	74378
55.00		230	417	74378
55.50		230	417	74378
55.56	2.3/16	230	417	74378
56.00		230	417	77515
56.36	2.7/32	230	417	77515
56.50		230	417	77515
57.00		235	422	77515
57.15	2.1/4	235	422	77515
57.50		235	422	84600
57.94	2.9/32	235	422	84600
58.00		235	422	84600
58.50		235	422	84600
58.74	2.5/16	235	422	84600
59.00		235	422	86220
59.50		235	422	86220
59.53	2.11/32	235	422	86220
60.00		235	422	86220

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:

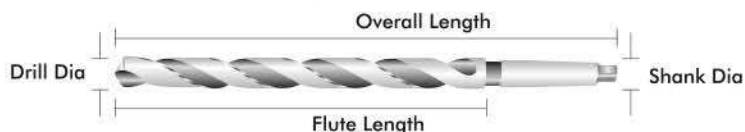
1. Intermediate, unlisted sizes, price of the next larger listed size will be charged.
2. Quick Spiral or Slow Spiral drills will be charged 25% Extra.
3. Over size shank drills to IS:5104 in the following range 10% Extra will be charged.

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15th Nov 2023

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	1878
5.16	13/64	74	155	1901
5.20		74	155	1920
5.50		80	161	1941
5.56	7/32	80	161	1941
5.80		80	161	1941
5.95	15/64	80	161	1941
6.00		80	161	1941
6.20		86	167	2544
6.35	1/4	86	167	2544
6.50		86	167	2544
6.75	17/64	93	174	2566
6.80		93	174	2584
7.00		93	174	2544
7.14	9/32	93	174	2817
7.20		93	174	2922
7.50		93	174	2544
7.54	19/64	100	181	2712
7.80		100	181	2858
7.94	5/16	100	181	2838
8.00		100	181	2817
8.20		100	181	2879
8.33	21/64	100	181	2817
8.50		100	181	2584
8.73	11/32	107	188	2898
8.80		107	188	3170
9.00		107	188	2879
9.13	23/64	107	188	3191
9.20		107	188	3504
9.50		107	188	3254
9.52	3/8	116	197	3462
9.80		116	197	3754
9.92	25/64	116	197	3567
10.00		116	197	3400
10.20		116	197	3754
10.32	13/32	116	197	3585
10.50		116	197	3441

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
10.72	27/64	125	206	3504
10.80		125	206	3585
11.00		125	206	3585
11.11	7/16	125	206	4229
11.20		125	206	3711
11.50		125	206	4229
11.51	29/64	125	206	3711
11.80		125	206	3711
11.91	15/32	134	215	4272
12.00		134	215	4856
12.20		134	215	4856
12.30	31/64	134	215	4856
12.50		134	215	4856
12.70	1/2	134	215	4879
12.80		134	215	4899
13.00		134	215	4899
13.10	33/64	134	215	5003
13.20		134	215	5129
13.49	17/32	142	223	5294
13.50		142	223	5480
13.80		142	223	5480
13.89	35/64	142	223	5480
14.00		142	223	5480
MT2				
14.25		147	245	6900
14.29	9/16	147	245	7315
14.50		147	245	7315
14.68	37/64	147	245	7167
14.75		147	245	7167
15.00		147	245	7315
15.08	19/32	153	251	7210
15.25		153	251	7252
15.48	39/64	153	251	7252
15.50		153	251	7252
15.75		153	251	7252
15.87	5/8	153	251	7437
16.00		153	251	7461
16.25		159	257	7461

HSS Taper Shank Twist Drills (Long Series)

To IS: 8305 - 1976



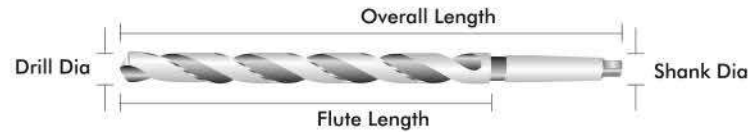
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
15th Nov 2023

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	7710
16.50		159	257	7960
16.67	21/32	159	257	7960
16.75		159	257	7960
17.00		159	257	7960
17.07	43/64	165	263	8025
17.25		165	263	8087
17.46	11/16	165	263	8232
17.50		165	263	8375
17.75		165	263	8501
17.86	45/64	165	263	8669
18.00		165	263	8833
18.25		171	263	8833
18.26	23/32	171	269	8833
18.50		171	269	8833
18.65	47/64	171	269	8898
18.75		171	269	8937
19.00		171	269	8937
19.05	3/4	177	275	9170
19.25		177	275	9421
19.45	49/64	177	275	9421
19.50		177	275	9421
19.75		177	275	9421
19.84	25/32	177	275	9000
20.00		177	275	8607
20.24	51/64	184	282	8669
20.25		184	282	8731
20.50		184	282	8731
20.64	13/16	184	282	8917
20.75		184	282	9108
21.00		184	282	9108
21.03	53/64	184	282	10063
21.25		191	289	11042
21.43	27/32	191	289	11208
21.50		191	289	11354
21.75		191	289	11354
21.83	55/64	191	289	11483
22.00		191	289	11584

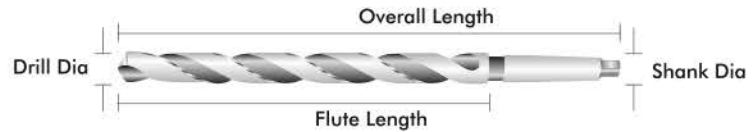
Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
22.22	7/8	191	289	12102
22.25		191	289	12625
22.50		198	296	12668
22.62	57/64	198	296	12791
22.75		198	296	12915
23.00		198	296	12915
23.02	29/32	198	296	13873
MT3				
23.25		198	319	14813
23.42	59/64	198	319	15000
23.50		198	319	15209
23.75		206	327	15290
23.81	15/16	206	327	15520
24.00		206	327	15730
24.21	61/64	206	327	15875
24.25		206	327	16023
24.50		206	327	16023
24.61	31/32	206	327	16374
24.75		206	327	16728
25.00	63/64	206	327	16728
25.25		214	335	17063
25.40	1	214	335	16418
25.50		214	335	15772
25.75		214	335	15772
26.00		214	335	15937
26.19	1.1/32	214	335	16500
26.25		214	335	17082
26.50		214	335	17082
26.75		222	343	20665
26.99	1.1/16	222	343	21016
27.00		222	343	21353
27.25		222	343	21353
27.50		222	343	21414
27.75		222	343	21414
27.78	1.3/32	222	343	22415
28.00		222	343	23414
28.25		230	351	23623
28.50		230	351	23623

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15th Nov 2023

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	23976
28.75		230	351	24350
29.00		230	351	24747
29.25		230	351	24747
29.37	1.5/32	230	351	24788
29.50		230	351	24830
29.75		230	351	24830
30.00		230	351	25351
30.16	1.3/16	239	360	25036
30.25		239	360	24722
30.50		239	360	24722
30.75		239	360	25122
30.96	1.7/32	239	360	24893
31.00		239	360	24663
31.25		239	360	24663
31.50		239	360	25747
31.75	1.1/4	248	369	25955
MT4				
32.00		248	397	28017
32.50		248	397	31744
32.54	1.9/32	248	397	32120
33.00		248	369	32516
33.34	1.5/16	348	369	33078
33.50		248	369	33619
34.00		257	406	34514
34.13	1.11/32	257	406	33933
34.50		257	406	33349
34.92	1.3/8	257	406	33494
35.00		257	406	33663
35.50		257	406	35682
35.72	1.13/32	267	416	36662
36.00		267	416	37639
36.50		267	416	38411
36.51	1.7/16	267	416	38892
37.00		267	416	39368
37.31	1.15/32	267	416	40640
37.50		267	416	41908
38.00		277	426	41721

Size-Diameter		Length mm		Price 1 N
mm	inch	flute	overall	
38.10	1.1/2	277	426	42364
38.50		277	426	43013
38.89	1.17/32	277	426	44286
39.00		277	426	45554
39.50		277	426	45554
39.69	1.9/16	277	426	46136
40.00		277	426	46722
40.48	1.19/32	287	436	48282
40.50		287	436	49845
41.00		287	436	49845
41.27	1.5/8	287	436	50823
41.50		287	436	51804
42.00		287	436	51804
42.07	1.21/32	287	436	52471
42.50		287	436	53135
42.86	1.11/16	298	447	54383
43.00		298	447	55654
43.50		298	447	55654
43.66	1.23/32	298	447	56637
44.00		298	447	57615
44.45	1.3/4	298	447	57615
44.50		298	447	57615
45.00		298	447	58969
45.24	1.25/32	310	459	60697
45.50		310	459	62426
46.00		310	459	62426
46.04	1.13/16	310	459	66592
46.50		310	459	69944
46.83	1.27/32	310	459	69944
47.00		310	459	69944
47.50		310	459	71402
47.62	1.7/8	321	470	75026
48.00		321	470	78650
48.42	1.29/32	321	470	78941
48.50		321	470	79231
49.00		321	470	79231
49.21	1.15/16	321	470	79107
49.50		321	470	79003
50.00		321	470	79003

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.

HSS Taper Shank Twist Drills (Extra Long Series)



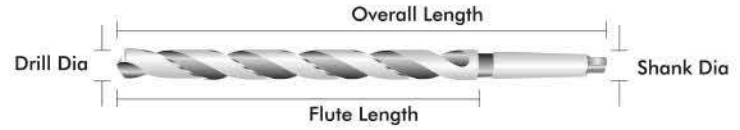
HEAVY MACHINE TOOL - CUTTING DEVICE

w.e.f.
15th Nov 2023

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	2664	3161	3506	3854
3.50		2664	3268	3635	4006
4.00	5/32	2576	3161	3528	3875
4.50		3072	3441	3833	4629
5.00	3/16	2942	3311	3681	4456
5.50		2837	3506	3897	4304
6.00		2837	3506	3897	4304
6.35	1/4	3182	3572	3961	4806
6.50		3182	3572	3961	4806
7.00		3052	3420	3810	4607
7.50		3356	3766	4199	5020
7.94	5/16	3226	3614	4027	4826
8.00		3226	3614	4027	4826
8.50		3311	3721	4135	4953
9.00		3486	3917	4348	5235
9.50		3486	3917	4348	5235
9.52	3/8	3592	3917	4348	5235
10.00		3528	3961	4413	5298
10.50		4263	4779	5322	5862
11.00		4241	4779	5298	5843
11.11	7/16	4391	4933	5472	6036
11.50		4391	4933	5472	6036
12.00			4779	5322	6444
12.50			4779	5322	6444
12.70	1/2		4779	5322	6444
13.00				6299	8134
13.50				6769	8760
14.00				6769	8760
14.29	9/16			7592	8350
14.50				7592	8350
15.00				7592	8350
15.50				7527	8240
15.87	5/8			7701	8480
16.00				7744	8480
16.50				8262	8846
17.00				8262	8846

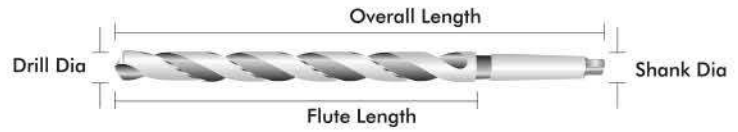
Size		Over all Length in mm				
mm	inch	300	315	325	350	375
3.00	1/8	4304		5172		
3.50		4545	4545	5408		
4.00	5/32	4391	4391	5235		
4.50		5172	5172	5603		
5.00	3/16	4976	4976	5388		
5.50		4779	4779	5776		
6.00		4779	4779	5776	5948	
6.35	1/4	5345	5345			
6.50		5345	5345	6444		
7.00		5150	5150	6812		
7.50		5713	5713	6812		
7.94	5/16	5497	5497	6531		
8.00		5497	5497	6531		
8.50		5646	5646	6704		
9.00		5927	5927	7073		
9.50		5927	5927	7073		
9.52	3/8	5927	5927	7073		
10.00		6013	6013	7161	7721	9020
10.50		6381	6381	8370	8370	9971
11.00		6362	6362	7765	8350	9949
11.11	7/16	6576	6576	8025	8628	10272
11.50		6576	6576	8025	8628	10272
12.00		7181	7181	8652	8394	10986
12.50		7181	7181	8652	9322	10986
12.70	1/2	7181	7181	8652	9322	10986
13.00		8889	8889	9623	10359	12500
13.50		9560	9560	10359	11159	13428
14.00		9560	9560	10359	11159	13149
14.29	9/16	9105	9105	10857	11700	13668
14.50		9105	9105	10857	11700	11700
15.00		9105	9105	10857	11700	13668
15.50		8999	8999	10707	11551	13475
15.87	5/8	9257	9257	11030	11876	13883
16.00		9257	9257	11030	11876	13883
16.50		9647	9647	11485	12370	14467
17.00		9647	9647	11485	12370	14467

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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	300	315	325	350	375
17.45	11/16	9906	9906	11811	12717	14856
17.50		9906	9906	11811	12717	14856
18.00		10230	10230	12198	13128	15331
18.50		10230	10230	12198	13128	15331
19.00		10359	10359	12328	13277	15526
19.05	3/4	10359	10359	12328	13277	15526
19.50		10643	10643	12696	13668	15981
20.00		11442	11442	12458	13342	15744
20.50		11356	11356	12307	13233	15590
20.64	13/16	11830	11830	12825	13800	16263
21.00		11830	11830	12825	13800	16263
21.50		12241	12241	13277	14295	16847
22.00		12480	12480	13516	14554	17149
22.22	7/8	13323	13323	14424	15548	16651
22.50		13323	13323	14424	15548	16651
23.00		13583	13583	14726	15851	16976
23.50		14835	14835	16068	17301	18534
23.81	15/16	14987	14987	16238	17473	18726
24.00		14987	14987	16238	17473	18726
24.50		15245	15245	16523	17777	19051
25.00			17256	18576	19915	
25.40	1			18576	21537	
25.50				20111	21537	
26.00				20329	21777	
26.50				21777	23333	
26.99	1.1/16			22619	24239	
27.00				22619	24239	
27.50				22685	24304	
28.00				24803	26574	
28.50				24458	26207	
28.57	1.1/8			24458	26207	
29.00				25603	27440	
29.50				25710	27548	
30.00				26249	28112	
30.16	1.3/16			26249	28112	
31.00				26553	28458	

HSS Taper Shank Twist Drills (Extra Long Series)



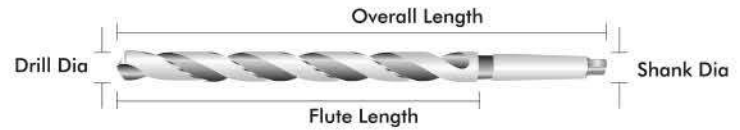
HEAVY MACHINE TOOL - CUTTING DEVICE

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



TWIST
(EXTRA LONG SERIES)
TAPER SHANK



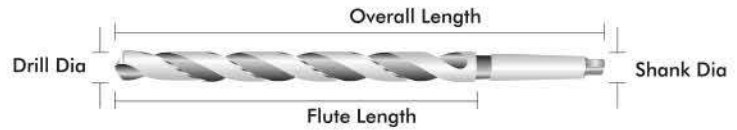
Size		Over all Length in mm				
mm	inch	400	425	450	475	500
10.00		9623				
10.50		10643				
11.00		10598				
11.11	7/16	10966				
11.50		10966				
12.00		10221				
12.50		11700				
12.70	1/2	11700				
13.00		12110				
13.50		14338				
14.00		14013		18447		
14.29	9/16	14575	17427			
14.50		14575	17427	18447	23073	24304
15.00		14575	17427	18447	23073	24304
15.50		14381	17193	18208	22770	23959
15.87	5/8	14790	17688	18726	23417	24652
16.00		14790	17688	18726	23417	24652
16.50		15418	18425	19527	24413	25710
17.00		15418	18425	20069	25107	25710
17.45	11/16	15851	18966	20069	25107	26424
17.50		15851	18966	20069	25107	26424
18.00		16371	19570	20718	25906	27270
18.50		16371	19570	20718	25906	27270
19.00		16563	19784	20955	26207	27593
19.05	3/4	16563	19784	20955	26207	27593
19.50		17040	20370	21562	26966	28394
20.00		16781	19463	20610	26275	27660
20.50		16651	19291	20413	26058	27421
20.64	13/16	17363	20111	21302	27160	28588
21.00		17363	20111	21302	27160	28588
21.50		17948	20825	22055	28112	29604
22.00		18296	21214	22446	28630	30144
22.22	7/8	17753	20759	21969	25322	26641
22.50		17753	20759	21969	25322	26641
23.00		18122	21171	22425	25820	27160
23.50		19764	23116	24478	28176	29666
23.81	15/16	19980	23333	24717	28458	29950
24.00		19980	23333	24717	28458	29950
24.50		20329	24304	25732	30164	31766
25.00		21237	24824	26275	30251	31854
25.40	1	22986	26856	28436	32760	34469
25.50		22986	26856	28436	32760	34469

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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		23225	27160	28757	33105	34858	
26.50		24889	26446	28004	32521	34230	
26.99	1.1/16	25843	27464	29063	33754	35530	
27.00		25843	27464	29063	33754	35530	
27.50		25926	27548	29171	33860	35658	
28.00		28349	31634	33472	37019	38966	
28.50		27960	31180	33018	36501	38427	
28.57	1.1/8	27960	31180	33018	36501	38427	
29.00		29257	32653	34575	38232	40242	
29.50		29386	32782	34705	38380	40391	
30.00		29991	33472	35441	39180	41235	
30.16	1.3/16	29991	33472	35441	39180	41235	
31.00		30338	34251	36263	38275	40305	
31.75	1.1/4	30338	34251	36263	38275	40305	
32.00		31245	35270	37340	39441	41496	51268
33.00		32002	36111	38250	40370	42491	52501
33.34	1.5/16	32002	36111	38250	40370	45754	52501
34.00		33236	37515	39724	41927	44132	54533
34.92	1.3/8	36716	39006	41321	46335	49582	51202
35.00		36716	39006	41321	46335	48781	51202
36.00		37561	39916	42273	50554	53214	55872
36.51	1.7/16	39289	41755	44196	52865	53386	58444
37.00		39289	41755	44196	52865	55655	58444
38.00		40673	43203	45754	54728	57625	60501
38.10	1.1/2	40673	43203	45754	54728	55397	60501
39.00		44565	47181	49970	56262	59224	66059
40.00		45562	48392	51246	57688	60739	67765
41.00						63309	
41.27	1.5/8					63309	
42.00						65775	
43.00						68933	
44.00						71356	
44.45	1.3/4					73038	
45.00						73038	
45.50	1.13/16					75313	
46.00						75313	
47.00						79097	
47.62	1.7/8					86858	
48.00						86858	
49.00	1.15/16					87506	
50.00						87246	

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:

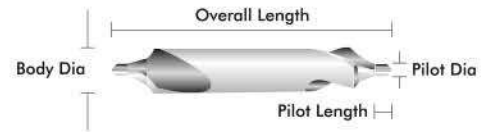
1. Prices are F.O.R. Destination.
2. Prices are subject to revision without prior notice.
3. All legal proceedings are subject to Mumbai Jurisdiction.

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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	356
1.25	3.15	33.5	29.5	2.2	1.6	356
1.60	4.00	37.5	33.5	2.8	2.0	356
2.00	5.00	42.0	38.0	3.3	2.5	356
2.50	6.30	47.0	43.0	4.1	3.1	397
3.15	8.00	52.0	48.0	4.9	3.9	582
4.00	10.00	59.0	53.0	6.2	5.0	726
5.00	12.50	66.0	60.0	7.5	6.3	1202

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	704
2.00	8.00	52	48	3.3	2.5	1010
2.50	10.00	59	53	4.1	3.1	1271
3.15	11.20	63	57	4.9	3.9	1684
4.00	14.00	70	64	6.2	5.0	2004

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	356
BS 2	1/16	3/16	3/32	5/64	1.3/4	± 1/33	356
BS 3	3/32	1/4	5/32	1/8	2	± 1/16	397
BS 4	1/8	5/16	3/16	5/32	2.1/4	± 1/16	617
BS 5	3/16	7/16	9/32	1/4	2.1/2	± 3/32	777
BS 6	1/4	5/8	0.375	0.312	3.093	2.906	1313

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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	152	267	339	355
3/16 x 4	5 x 100	192	396	508	525
3/16 x 6	5 x 150	300	724	1084	1097
1/4 x 3	6 x 75	166	347	458	474
1/4 x 4	6 x 100	207	462	609	627
1/4 x 6	6 x 150	290	757	1012	1033
5/16 x 3	8 x 75	183	446	594	609
5/16 x 4	8 x 100	251	627	831	846
5/16 x 6	8 x 150	411	986	1318	1334
3/8 x 3	10 x 75	236	527	711	727
3/8 x 4	10 x 100	274	689	947	963
3/8 x 6	10 x 150	445	1102	1504	1520
3/8 x 8	10 x 200	605	1559	2162	2177
1/2 x 3	12 x 75	347	823	1150	1184
1/2 x 4	12 x 100	455	1102	1504	1538
1/2 x 6	12 x 150	707	1691	2378	2415
1/2 x 8	12 x 200	918	2363	3324	3358
5/8 x 4	16 x 100	722	1806	2549	2583
5/8 x 6	16 x 150	1110	2724	3729	3777
5/8 x 8	16 x 200	1412	3724	5231	5297
3/4 x 4	20 x 100	966	2527	3509	3544
3/4 x 6	20 x 150	1525	3773	5146	5195
3/4 x 8	20 x 200	2033	5051	7035	7119
1 x 6	25 x 150	2546	6263	8617	8721
1 x 8	25 x 200	3462	8348	11502	11620

Standard Masonry Drills



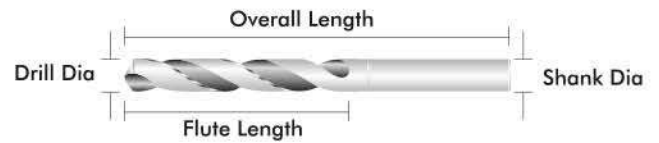
HEAVY MACHINE TOOL - CUTTING DEVICE

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MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.



MASONRY



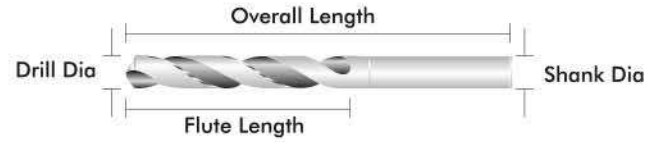
Size		Length		Price (Rs.) Each
inch	mm	flute	overall	
1/8	3.00	33	67	91
5/32	4.00	40	78	100
3/16	5.00	45	88	107
7/32	5.50	50	88	130
15/64	6.00	54	102	144
1/4	6.50	54	102	127
9/32	7.00	55	108	247
5/16	8.00	64	118	247
11/32	9.00	78	135	284
3/8	10.00	78	135	284
7/16	11.00	82	148	355
15/32	12.00	85	152	355
1/2	13.00	85	152	355
JKSD MASONRY SET (1/8 – 3/8) (5 pc. set)				790

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**MAXIMUM RETAIL PRICE LIST
PRICES IN RUPEES PER 1 NO.**



**SUPER GRANIT
MASONRY**

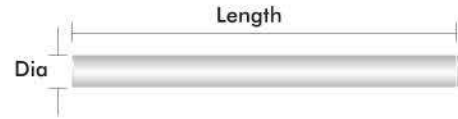


Size		Length		Price (Rs.) Each
inch	mm	flute	overall	
1/8	3.00	33	67	155
5/32	4.00	40	78	174
3/16	5.00	45	88	185
7/32	5.50	50	88	216
15/64	6.00	54	102	248
1/4	6.50	54	102	248
9/32	7.00	55	108	288
5/16	8.00	64	118	376
11/32	9.00	78	135	487
3/8	10.00	78	135	487
7/16	11.00	82	148	605
15/32	12.00	85	152	605
1/2	13.00	85	152	605

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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			1070
0.70 to 0.79			1070
0.80 to 0.89	1/32		1070
0.90 to 0.99			1070
1.00 to 1.60	3/64, 1/16	61 to 53	600
1.61 to 2.78	5/64, 3/32, 7/64	52 to 36	630
2.79 to 3.00		35 to 32	650
3.05 to 3.17	1/8	31	780
3.20 to 3.57	9/64	30 to 28	790
3.60 to 4.00	5/32	27 to 22	980
4.04 to 4.40	11/64	21 to 17	1110
4.50 to 4.80	3/16	16 to 12	1580
4.85 to 5.20	13/64	11 to 6	1570
5.22 to 5.60	7/32	5 to 8	1680
5.61 to 6.00	15/64	2, 1 & A	1880
6.04 to 6.40	1/4	B to E	2070
6.50 to 6.80	17/64	F to H	2600
6.90 to 7.20	9/32	I to K	3020
7.30 to 7.50		L to M	3360
7.54 to 7.90	19/64	N	3450
7.94 to 8.20	5/16	O & P	3790
8.30 to 8.70	21/64	Q & R	4560
8.73 to 9.09	11/32	S & T	4720
9.10 to 9.50	23/64	U	4990
9.52 to 9.80	3/8	V & W	5590
9.90 to 10.20	25/64	X	6450
10.26 to 10.60	13/32	Y & Z	6830
10.70 to 11.00	27/64		7200
11.10 to 11.40	7/16		8060
11.50 to 11.80	29/64		8470
11.90 to 12.20	15/32		9090
12.30 to 12.60	31/64		9550
12.70 to 13.00	1/2		10080

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 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

Sr. No.	Drills Size/Range	Jobber/Forged Drill Qty	Stub Drill Qty	Taper Drill Qty	Masonry Drill Qty
1	0.50 mm to 3.20 mm	5000	-	-	-
2	3.30 mm to 4.00 mm	2400	-	-	-
3	4.10mm to 5.90mm	1800	-	-	-
4	6.00mm to 6.35mm	1200	-	-	-
5	6.4 mm to 8.00 mm	800	-	-	-
6	8.10 mm to 10.00 mm	500	-	-	-
7	10.10 mm to 12.50 mm	300	-	-	-
8	12.60 mm to 13.00 mm	250	-	-	-
9	1/32" to 1/8"	-	5000	-	-
10	9/64" to 5/32"	-	4000	-	-
11	11/64" to 15/64"	-	2500	-	-
12	1/4"	-	1500	-	-
13	17/64" to 5/16"	-	1000	-	-
14	21/64" to 25/64"	-	500	-	-
15	13/32" to 31/64"	-	250	-	-
16	1/2"	-	250	-	-
17	3.00 mm to 8.50 mm	-	-	150	-
18	9.00mm to 14.00mm	-	-	100	-
19	14.10mm to 19.00mm	-	-	100	-
20	19.05 mm to 23.00 mm	-	-	50	-
21	23.10 mm to 31.75 mm	-	-	30	-
22	32.00mm to 34.0mm	-	-	20	-
23	34.40mm to 40.00mm	-	-	15	-
24	41.00mm to 50.80mm	-	-	8	-
25	51.0mm to 65.0mm	-	-	4	-
26	3.00 mm to 05.50 mm (1/8" to 7/32")	-	-	-	1200
27	6.00 mm to 8.00 mm (15/64" to 5/16")	-	-	-	700
28	9.00 mm to 10.00 mm (11/32" to 3/8")	-	-	-	400
29	11.00 mm to 13.00 mm (7/16" to 1/2")	-	-	-	200



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