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## HSS PARALLEL SHANK (JOBBER SERIES) TWIST DRILLS IS : 5101

SIZE			PRICE (Rs.) 10 Nos.	SIZE			PRICE (Rs.) 10 Nos.
MM	INCH	DG		MM	INCH	DG	
0.30			1123	2.90★			426
0.40			974	2.95		32	426
0.50			707	3.00★			426
0.60			707	3.05		31★	508
0.70			707	3.10★			508
0.80★			592	3.17	1/8★		508
0.90★			564	3.20★			525
1.00★			361	3.26		30★	525
1.02		60	361	3.30★			525
1.04		59	361	3.40★			525
1.07		58	361	3.45		29	525
1.09		57	361	3.50★			525
1.10★			361	3.57	9/64★	28	525
1.18		56	361	3.60★			742
1.19	3/64★		361	3.66		27	742
1.20★			361	3.70★			742
1.30★			361	3.73		26	742
1.32		55	361	3.80★		25	742
1.40★		54	361	3.86		24	742
1.50★			361	3.90★			742
1.51		53	361	3.91		23	742
1.59	1/16★		361	3.97	5/32★		742
1.60★			361	3.99		22	742
1.61		52	388	4.00★			742
1.70★		51	388	4.04		21	900
1.78		50★	388	4.09		20	900
1.80★			388	4.10★			900
1.85		49	388	4.20★			900
1.90★			388	4.22		19★	900
1.93		48★	388	4.30★		18	900
1.98	5/64★		388	4.37	11/64★		900
1.99		47★	388	4.39		17	900
2.00★			388	4.40★			900
2.06		46	388	4.50★		16	1182
2.08		45	388	4.57		15	1182
2.10★			388	4.60			1182
2.18		44	388	4.62		14	1182
2.20★			388	4.70		13	1182
2.26		43★	388	4.76	3/16★		1182
2.30★			388	4.80★		12	1182
2.37		42	388	4.85		11	1284
2.38	3/32★		388	4.90★			1284
2.40★			388	4.92		10	1284
2.44		41	388	4.98		9	1284
2.49		40	388	5.00★			1284
2.50★			388	5.06		8	1284
2.53		39	388	5.10★			1284
2.58		38	388	5.11		7	1284
2.60★			388	5.16	13/64★		1284
2.64		37	388	5.18		6	1284
2.70★			388	5.20★			1284
2.71		36	388	5.22		5	1385
2.78	7/64★		388	5.30★			1385
2.79		35	426	5.31		4	1385
2.80★			426	5.40★			1385
2.82		34	426				
2.87		33	426				



## HSS PARALLEL SHANK (JOBBER SERIES) TWIST DRILLS IS : 5101

SIZE			PRICE (Rs.) 10 Nos.	SIZE			PRICE (Rs.) 10 Nos.
MM	INCH	DG		MM	INCH	DG	
5.41		3	1385	8.60★			3601
5.50★			1385	8.61		R	3601
5.56	7/32★		1385	8.70★			3601
5.60			1385	8.73	11/32★		3793
5.61		2	1558	8.80★			3793
5.70★			1558	8.84		S	3793
5.79		1	1558	8.90			3793
5.80★			1558	9.00★			3793
5.90			1558	9.09		T	3957
5.94		A	1558	9.10			3957
5.95	15/64★		1558	9.13	23/64★		3957
6.00★			1558	9.20★			3957
6.04		B	1696	9.30★			3957
6.10★			1696	9.34		U★	3957
6.15		C	1696	9.40★			3957
6.20★			1696	9.50★			3957
6.25		D	1696	9.52	3/8★		4486
6.30★			1696	9.58		V	4486
6.35	1/4★	E	1696	9.60			4486
6.40★			1696	9.70			4486
6.50★			2164	9.80★		W	4486
6.53		F★	2164	9.90			5021
6.60★			2164	9.92	25/64★		5021
6.63		G	2164	10.00★			5021
6.70★			2164	10.08		X	5021
6.75	17/64★	H	2164	10.10			5021
6.80★			2164	10.20★			5021
6.90★		I	2369	10.26		Y	5441
7.00★			2369	10.30★			5441
7.03		J	2369	10.32	13/32★		5441
7.10★			2369	10.40★			5441
7.14	9/32★	K	2369	10.49		Z	5441
7.20★			2369	10.50★			5441
7.30			2500	10.60			5441
7.37		L	2500	10.70			5761
7.40			2500	10.72	27/64★		5761
7.49		M	2500	10.80			5761
7.50★			2500	10.90			5761
7.54	19/64★		2706	11.00★			5761
7.60			2706	11.10			6430
7.67		N	2706	11.11	7/16★		6430
7.70			2706	11.20★			6430
7.80★			2706	11.30			6430
7.90★			2706	11.40			6430
7.94	5/16★		2971	11.50★			6782
8.00★			2971	11.51	29/64★		6782
8.03		O	2971	11.60			6782
8.10★			2971	11.70			6782
8.20★		P	2971	11.80★			6782
8.30★			3601	11.90			7244
8.33	21/64★		3601	11.91	15/32★		7244
8.40★			3601	12.00★			7244
8.43		Q	3601	12.10			7244
8.50★			3601	12.20			7244



**HSS PARALLEL SHANK (JOBBER SERIES)  
TWIST DRILLS IS : 5101**

SIZE		PRICE (Rs.) 10 Nos.	SIZE		PRICE (Rs.) 10 Nos.
MM	INCH		MM	INCH	
12.30	31/64★	7683	14.29	9/16★	12228
12.40		7683	14.50★		12228
12.50★		7683	14.68	37/64	13175
12.60		7683	14.75		13175
12.70★	1/2★	8112	15.00★		13175
12.80★		8112	15.08	19/32	13175
12.90		8112	15.25		13175
13.00★		8112	15.48	39/64	14275
13.10	33/64★	10090	15.50★		14275
13.20		10090	15.75		14275
13.30		10090	15.87	5/8★	14275
13.40		10090	16.00★		14275
13.49	17/32★	10741	17.00★		15100
13.50★		10741	17.46	11/16	15100
13.60		10741	18.00		16339
13.70		10741	19.00		17282
13.80		10741	19.05	3/4	17282
13.89	35/64	11654	20.00★		20645
13.90		11654	21.00		20645
14.00★		11654	22.00		23148
14.25★		11654	22.22	7/8	23148

ITEMS MARKED\* (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS IN (RH & LH) WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35000/- NETT OR MOQ OF 50 NOS. PER SIZE WHICHEVER IS HIGHER.

**IMPORTANT NOTES :**

- All sizes to be ordered in multiples of 10 only.
- For non-listed intermediate Sizes, the higher Price of the nearest listed size. (INCH or MM) will be applicable.
- (a) Quick Spiral or Slow Spiral Drills :
 

Sizes up to (3.17 mm) 1/8"	<b>50% extra</b>
Sizes over (3.17 mm) 1/8"	<b>25% extra</b>

  
 (b) Left Hand Drills :
 

Sizes (3.0 mm) 1/8" and above	<b>25% extra</b>
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 (c) Jobbers with Tenon **10% extra**

Price Rs. / Set

**HSS PARALLEL SHANK (JOBBER SERIES)  
TWIST DRILLS IS : 5101**

Jobber Drill <b>25 Pcs. Set</b> (0.5 mm Rise) 1.00 To 13.00 MM.	<b>8416</b>
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Jobber Drill <b>13 Pcs. Set</b> (1/64" Rise) 1/16" To 1/4"	<b>1547</b>
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### HSS PARALLEL SHANK (STUB SERIES) TWIST DRILLS IS : 5100

SIZE		PRICE (Rs.) 10 Nos.	SIZE		PRICE (Rs.) 10 Nos.
MM	INCH		MM	INCH	
1.00★		378	9.20		3587
1.19	3/64	378	9.50		3587
1.20		378	9.52	3/8	3750
1.50		378	9.80		3750
1.59	1/16	378	9.92	25/64	4588
1.80		378	10.00		4588
1.98	5/64	378	10.20		4588
2.00		378	10.32	13/32	4939
2.20		378	10.50		4939
2.38	3/32	378	10.72	27/64	5561
2.50		378	10.80		5561
2.78	7/64★	378	11.00		5561
2.80		408	11.11	7/16	5792
3.00		426	11.20		5792
3.17	1/8★	494	11.50		6196
3.20		519	11.51	29/64	6196
3.50		519	11.80		6196
3.57	9/64★	519	11.91	15/32	6556
3.80		718	12.00		6556
3.97	5/32★	718	12.20		6556
4.00		718	12.30	31/64	7125
4.20		798	12.50		7125
4.37	11/64	798	12.70	1/2	7279
4.50		1057	12.80		7279
4.76	3/16★	1057	13.00		7279
4.80		1057	13.20		8523
5.00		1124	13.49	17/32	8523
5.16	13/16 u	1124	13.50		9082
5.20		1124	13.80		9082
5.50		1221	14.00		9888
5.56	7/32	1221	14.25		9888
5.80		1374	14.29	9/16	9888
5.95	15/64	1374	14.50		10299
6.00		1374	14.75		11137
6.20		1538	15.00		11137
6.35	1/4★	1538	15.08	19/32	11137
6.50		1893	15.25		11137
6.75	17/64	1893	15.50		12055
6.80		1893	15.75		12055
7.00		2076	15.87	5/8	12055
7.14	9/32	2076	16.00		12055
7.20		2076	16.25		12247
7.50		2157	16.50		12247
7.54	19/64	2369	16.67	21/32	12247
7.80		2369	16.75		12495
7.94	5/16★	2606	17.00		12495
8.00		2606	17.25		12721
8.20		2606	17.46	11/16	12721
8.33	21/64	3256	17.50		12721
8.50		3256	17.75		12895
8.73	11/32	3396	18.00		12895
8.80		3396	18.25		13124
9.00		3396	18.26	23/32	13124
9.13	23/64	3587	18.50		13124



## HSS PARALLEL SHANK (STUB SERIES) TWIST DRILLS IS : 5100

SIZE		PRICE (Rs.) 10 Nos.	SIZE		PRICE (Rs.) 10 Nos.
MM	INCH		MM	INCH	
18.75		13358	27.00		26616
19.00		13358	27.50		26616
19.05	3/4	13358	27.78	1.3/32	28168
19.25		13584	28.00		28168
19.50		13584	28.50		28381
19.75		13584	28.57	1.1/8	28381
19.84	25/32	13584	29.00		29783
20.00		13817	29.37	1.5/32	32786
20.25		14104	29.50		32786
20.50		14104	30.00		33224
20.64	13/16	14104	30.16	1.3/16	33224
20.75		14669	30.50		37388
21.00		14669	30.96	1.7/32	37388
21.25		14847	31.00		37388
21.43	27/32	14847	31.50		37949
21.50		15346	31.75	1.1/4	37949
21.75		15544	32.00		38766
22.00		15544	32.50		39980
22.22	7/8	15544	32.54	1.9/32	39980
22.25		16533	33.00		39980
22.50		16533	33.34	1.5/16	39980
22.75		16763	33.50		42055
23.00		16763	34.00		42055
23.02	29/32	16763	34.13	1.11/32	46155
23.25		17726	34.50		46155
23.50		17726	34.92	1.3/8	46155
23.75		17726	35.00		50750
23.81	15/16	17726	35.50		51473
24.00		19616	35.72	1.13/32	51473
24.25		19616	36.00		51473
24.50		19616	36.50		51473
24.61	31/32	19616	36.51	1.7/16	51473
24.75		21518	37.00		55333
25.00		21518	37.31	1.15/32	56161
25.25		21623	37.50		56161
25.40	1	21623	38.00		56161
25.50		24404	38.10	1.1/2	56161
26.00		24404	38.50		62711
26.19	1.1/32	24968	39.00		62711
26.50		24968	39.50		63791
26.99	1.1/16	25257	40.00		63791

ITEMS MARKED★ (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS IN (RH & LH) WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35000/- NETT OR MOQ OF 50 NOS. PER SIZE WHICHEVER IS HIGHER.

### IMPORTANT NOTES :

- Sizes upto 13 mm should be ordered in multiples of 10 only.
- For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.
- (a) **Quick Spiral or Slow Spiral Drills :**  
 Sizes upto (3.17 mm) 1/8" **50% extra**  
 Sizes over (3.17 mm) 1/8" **25% extra**
- (b) **Left Hand Drills can be supplied from**  
 Sizes (3.0 mm) 1/8" **25% extra**



### HSS PARALLEL SHANK (LONG SERIES) TWIST DRILLS IS : 5102

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
0.60		426	5.30		424
0.70		397	5.40		424
0.80		356	5.50		424
1.00		227	5.56	7/32	424
1.10		227	5.60		461
1.19	3/64	227	5.70		461
1.20		227	5.80		461
1.30		227	5.90		461
1.40		227	5.95	15/64	461
1.50		227	6.00★		461
1.59	1/16	227	6.10		526
1.60		227	6.20		526
1.70		227	6.30		526
1.80		227	6.35	1/4★	480
1.90		227	6.40		670
1.98	5/64	227	6.50		670
2.00★		227	6.60		808
2.10		227	6.70		808
2.20		227	6.75	17/64	808
2.30		289	6.80		808
2.38	3/32★	289	6.90		808
2.40		289	7.00		808
2.50★		289	7.10		808
2.60		289	7.14	9/32	808
2.70		289	7.20		808
2.78	7/64	289	7.30		808
2.80★		289	7.40		808
2.90		289	7.50		808
3.00★		291	7.54	19/64	808
3.10		291	7.60		808
3.17	1/8★	291	7.70		808
3.20		291	7.80		808
3.30★		291	7.90		833
3.40		291	7.94	5/16	833
3.50★		291	8.00★		833
3.57	9/64	291	8.10		833
3.60		314	8.20		833
3.70		314	8.30		833
3.80		314	8.33	21/64	833
3.90		314	8.40		833
3.97	5/32★	314	8.50		839
4.00★		314	8.60		882
4.10		314	8.70		882
4.20		314	8.73	11/32	882
4.30		314	8.80		1067
4.37	11/64	314	9.00		928
4.40		314	9.13	23/64	1049
4.50		314	9.20		1067
4.60		314	9.50		928
4.70		314	9.52	3/8	928
4.76	3/16	314	9.80		1073
4.80		314	9.92	25/64	1073
4.90		370	10.00★		970
5.00★		370	10.20		1073
5.10		370			
5.16	13/64	370			
5.20		370			





### HSS PARALLEL SHANK (LONG SERIES) TWIST DRILLS IS : 5102

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
10.32	13/32	970	18.65	47/64	2624
10.50		1165	18.75		2650
10.72	27/64	1323	19.00		2650
10.80		1323	19.05	3/4	2650
11.00		1219	19.25		2800
11.11	7/16	1219	19.45	49/64	3060
11.20		1416	19.50		2800
11.50		1254	19.75		2800
11.51	29/64	1416	19.84	25/32	2800
11.80		1416	20.00		2972
11.91	15/32	1254	20.24	51/64	3156
12.00		1292	20.25		2972
12.20		1440	20.30		2972
12.30	31/64	1440	20.64	13/16	2972
12.50		1291	20.75		3060
12.70	1/2	1291	21.00		3060
12.80		1978	21.03	53/64	3348
13.00		1793	21.25		3156
13.10	33/64	1993	21.43	27/32	3156
13.20		1993	21.50		3348
13.49	17/32	1828	21.75		3348
13.50		1993	21.83	55/64	3581
13.80		2169	22.00		3348
13.89	35/64	2169	22.22	7/8	3348
14.00		1993	22.25		3624
14.25		1993	22.15		3624
14.29	9/16	1993	22.62	57/64	3872
14.50		2088	22.75		3707
14.68	37/64	2299	23.00		3707
14.75		2088	23.02	29/32	3707
15.00		2088	23.25		3756
15.08	19/32	2088	23.42	59/64	4428
15.25		2169	23.50		4113
15.48	39/64	2370	23.75		4113
15.50		2169	23.81	15/16	4113
15.75		2169	24.00		4287
15.87	5/8	2169	24.21	61/64	4678
16.00		2203	24.25		4287
16.25		2203	24.50		4287
16.27	41/64	2451	24.61	31/32	4287
16.50		2245	24.75		4595
16.67	21/32	2245	25.00	63/64	4595
16.75		2299	25.25		4654
17.00		2299	25.40	1	4654
17.07	43/64	2498	25.50		5732
17.25		2299	25.75		5732
17.46	11/16	2299	25.80	1.1/64	5854
17.50		2451	26.00		5854
17.75		2451	26.19	1.1/32	5854
17.86	45/64	2711	26.25		6312
18.00		2498	26.50		6312
18.25		2498	26.59	1.3/64	6453
18.26	23/32	2498	26.75		6453
18.50		2602	26.99	1.1/16	6453



## HSS PARALLEL SHANK (LONG SERIES) TWIST DRILLS IS : 5102

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
27.00		6577	29.37	1.5/32	7577
27.25		6577	29.50		7676
27.38	1.5/64	6652	29.75		7676
27.50		6652	29.77	1.11/64	7824
27.75		6652	30.00		7824
27.78	1.3/32	6652	30.16	1.3/16	7824
28.00		7265	30.25		8316
28.18	1.7/64	7362	30.50		8316
28.25		7362	30.56	1.13/64	8471
28.50		7362	30.75		8471
28.57	1.1/8	7362	30.96	1.7/32	8471
28.75		7424	31.00		9423
28.97	1.9/64	7577	31.25		9423
29.00		7577	31.35	1.15/64	9763
29.25		7577	31.50		9763

ITEMS MARKED★ (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS IN (RH) WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35000/- NETT OR MOQ OF 50 NOS. PER SIZE WHICHEVER IS HIGHER.

### IMPORTANT NOTES :

1. For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.
2. (a) Quick Spiral or Slow Spiral Drills :
 

Sizes upto (3.17 mm) 1/8"	<b>50% extra</b>
Sizes over (3.17 mm) 1/8"	<b>25% extra</b>
- (b) Left Hand Drills to IS : 5362
 

<b>Sizes</b>	<b>MOQ</b>	}	<b>25% extra</b>
3.00 mm to 7.00 mm	1000 Nos.		
7.1mm to 12.7mm	500 Nos.		
12.8mm to 20mm	100 Nos.		
Above 20mm	25 Nos.		
- (c) Long Series Drills with Tenon
 

Sizes over 3 mm upto 6.50 mm	<b>10% extra</b>
Sizes over 6.50 mm	<b>5% extra</b>

Sizes below 1mm are manufactured to our Standard.

## HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
3.00★		361	5.50★		487
3.17	1/8★	361	5.56	7/32★	487
3.20		377	5.80★		501
3.50★		361	5.95	15/64	501
3.57	9/64	377	6.00★		487
3.80		377	6.20		562
3.97	5/32	361	6.35	1/4★	556
4.00★		361	6.50★		604
4.20★		487	6.75	17/64★	613
4.37	11/64	487	6.80★		613
4.50		487	7.00★		604
4.76	3/16★	487	7.14	9/32★	604
4.80★		487	7.20★		613
5.00★		487	7.50★		604
5.16	13/64★	501	7.54	19/64	613
5.20★		501	7.80★		613



### HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
7.94	5/16★	605	16.25★		2060
8.00★		605	16.27	41/64★	2060
8.20★		739	16.50★		2188
8.33	21/64★	778	16.67	21/32★	2188
8.50★		674	16.75★		2188
8.73	11/32 ★	739	17.00★		2188
8.80★		812	17.07	43/64	2224
9.00		739	17.25		2224
9.13	23/64	812	17.46	11/16★	2224
9.20		812	17.50★		2309
9.50★		739	17.75		2342
9.52	3/8★	739	17.86	45/64★	2433
9.80		872	18.00★		2433
9.92	25/64★	872	18.25★		2433
10.00★		789	18.26	23/32★	2433
10.20★		887	18.50★		2433
10.32★	13/32	857	18.65	47/64★	2462
10.50★		1051	18.75★		2462
10.72	27/64★	1089	19.00★		2462
10.80★		1089	19.05	3/4★	2462
11.00★		1089	19.25		2586
11.11	7/16★	1089	19.45	49/64	2586
11.20★		1125	19.50★		2586
11.50★		1125	19.75		2586
11.51	29/64★	1125	19.84	25/32★	2586
11.80★		1125	20.00★		2781
11.91	15/32★	1125	20.24	51/64	2814
12.00★		1136	20.25★		2814
12.20★		1136	20.50		2814
12.30	31/64	1136	20.64	13/16★	2814
12.50		1136	20.75		2935
12.70	1/2	1136	21.00★		2935
12.80★		1581	21.03	53/64	3007
13.00★		1581	21.25		3007
13.10	33/64★	1650	21.43	27/32	3007
13.20★		1650	21.50		3101
13.49	17/32★	1650	21.75★		3101
13.50★		1767	21.83	55/64	3158
13.80★		1767	22.00		3158
13.89	35/64★	1767	22.22★	7/8★	3158
14.00★		1767	22.25		3442
14.25★		1899	22.50★		3442
14.29	9/16★	1899	22.62★	57/64	3509
14.50★		1972	22.75		3509
14.68	37/64★	1972	23.00★		3509
14.75★		1972	23.02	29/32	3681
15.00★		1972	23.25		4074
15.08	19/32★	1972	23.42	59/64	4177
15.25★		2001	23.50★		4177
15.48	39/64★	2001	23.75		4177
15.50★		2001	23.81	15/16★	4177
15.75★		2001	24.00★		4300
15.87	5/8	2001	24.21	61/64	4373
16.00★		2060	24.25		4373



### HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
24.50★		4373	33.73	1.21/64	10777
24.61	31/32	4373	34.00★		10777
24.75		4569	34.13	1.11/32	11234
25.00★	63/64	4569	34.50		11803
25.25		4630	34.58	1.23/64	11912
25.40	1★	4630	34.92	1.3/8★	11912
25.50★		5033	35.00★		11912
25.75		5033	35.32	1.25/64	12625
25.80	1.1/64	5088	35.50		12625
26.00★		5088	35.72	1.13/32	12625
26.19	1.1/32	5045	36.00★		12811
26.25		5451	36.12	1.27/64	13074
26.50★		5451	36.50★		13074
26.59	1.3/64	5576	36.51	1.7/16	13074
26.75		5576	36.91	1.29/64	13074
26.99	1.1/16★	5576	37.00★		13397
27.00★		5759	37.31	1.15/32	13397
27.25		5759	37.50★		14267
27.38	1.5/64	5777	37.70	1.31/64	14490
27.50★		5777	38.00★		14490
27.75		5777	38.10	1.1/2★	14490
27.78	1.3/32	5777	38.15	1.33/64	14942
28.00★		6317	38.89	1.17/32	14942
28.18	1.7/64	6335	39.00		15825
28.25		6335	39.29	1.35/64	15825
28.50★		6335	39.50		15825
28.57	1.1/8★	6335	39.69	1.9/16	15825
28.75		6526	40.00★		16232
28.97	1.9/64	6633	40.08	1.37/64	16499
29.00★		6633	40.48	1.19/32	16499
29.25		6633	40.50		17159
29.37	1.5/32★	6633	40.88	1.39/64	17159
29.50★		6659	41.00★		17159
29.75		6659	41.27	1.5/8	17159
29.77	1.11/64	6798	41.50		17832
30.00★		6798	41.67	1.41/64	17832
30.16	1.3/16	7179	42.00★		17832
30.25		7730	42.07	1.21/32	17832
30.50★		7730	42.47	1.43/64	18289
30.56	1.13/64	7855	42.50		18289
30.75		7855	42.86	1.11/16	18513
30.96	1.7/32	7855	43.00★		18948
31.00★		8742	43.26	1.45/64	18948
31.25★		8742	43.50		18948
31.35	1.15/64	9123	43.66	1.23/32	18948
31.50★		9123	44.00★		19616
31.75	1.1/4★	9123	44.05	1.47/64	19616
32.00★		9988	44.45	1.3/4	19616
32.15	1.17/64	9988	44.50		19616
32.50★		9988	44.85	1.49/64	20077
32.54	1.9/32	9988	45.00★		20077
32.94	1.19/64	10227	45.24	1.23/32	20077
33.00★		10227	45.50		20986
33.34	1.5/16	10227	45.64	1.51/64	20986
33.50		10579	46.00		20986



### HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
46.04	1.13/16	20986	61.12	2.13/32	60172
46.43	1.53/64	22044	61.15		60172
46.50		22044	61.91	2.7/16	60172
46.83	1.27/32	22044	62.00★		60172
47.00★		22044	62.50		60172
47.23	1.53/64	22505	62.71	2.15/32	61185
47.50		22505	63.00		61185
47.62	1.7/8	22505	63.50	2.1/2	61185
48.00★		24541	64.00		67624
48.02	1.57/64	24541	64.29	2.17/32	67624
48.42	1.29/32	24541	65.00★		67624
48.50		24720	65.09	2.9/16	68127
48.82	1.59/64	24720	65.88	2.19/32	68127
49.00★		24720	66.00		68127
49.21	1.15/16	24720	66.67	2.5/8	68127
49.50		24987	67.00		69790
49.61	1.61/64	24987	67.47	2.21/32	74914
50.00★		24987	68.00		74914
50.01	1.31/32	25183	68.26	2.11/16	74914
50.40	1.63/64	26314	69.00		81202
50.50		26314	69.06	2.23/32	81202
50.80	2★	26314	69.85	2.3/4	81202
51.00★		35728	70.00		81202
51.50		35728	70.64	2.25/32	87578
51.59	2.1/32	35728	71.00		87578
52.00★		35728	71.44	2.13/16	87578
52.39	2.1/16	35728	71.50		87578
52.50		46499	72.00		89269
53.00		46499	72.23	2.27/32	89269
53.18	2.3/32	46499	73.00		89269
53.50		46499	73.02	2.7/8	89269
53.97	2.1/8	46499	73.82	2.29/32	95006
54.00		46499	74.00		95006
54.50		48847	74.61	2.15/16	95006
54.77	2.5/32	48847	75.00★		96188
55.00★		48847	75.41	2.31/32	96188
55.50		48847	76.00		96188
55.56	2.3/16	48847	76.20	3	96188
56.00		50900	76.99	3.1/32	131590
56.36	2.7/32	50900	77.00		131590
56.50		50900	77.79	3.1/16	131590
57.00		50900	78.00		131590
57.15	2.1/4	50900	78.58	3.3/32	134213
57.50		55548	79.00		134213
57.94	2.9/32	55548	79.37	3.1/8	137777
58.00★		55548	80.00		137777
58.50		55548	80.17	3.5/32	147364
58.74	2.5/16	55548	80.96	3.3/16	147364
59.00		56610	81.00		147364
59.50		56610	81.76	3.7/32	151194
59.53	2.11/32	56610	82.00		151194
60.00★		56610	82.55	3.1/4	151194
60.32	2.3/8	56610	83.00		154318
60.50		60172	83.34	3.9/32	154318
61.00		60172	84.00		154318



### HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
84.14	3.5/16	156883	92.07	3.5/8	199683
84.99	3.11/32	156883	93.00		199683
85.00		150489	93.66	3.11/16	207236
85.72	3.3/8	178949	94.00		207236
86.00		178949	95.00		207236
86.52	3.13/32	178949	95.25	3.3/4	207236
87.00		178949	96.00		214173
87.31	3.7/16	182690	96.84	3.13/16	214173
88.00		182690	97.00		214173
88.11	3.15/32	182690	98.00		217961
88.90	3.1/2	182690	98.42	3.7/8	221071
89.00		182690	99.00		221071
90.00		186416	100.00		221071
90.49	3.9/16	193369	100.01	3.15/16	224860
91.00		193369	101.00		224860
92.00		193369	101.60	4	224860
			102.00		224860

ITEMS MARKED★ (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS IN (RH) WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000/- NETT OR MOQ OF 3 NOS. PER SIZE WHICHEVER IS HIGHER.

**IMPORTANT NOTES :**

- For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.
- (a) Quick Spiral or Slow Spiral Drills : **25% extra**  
 (b) Left Hand Drills  

<b>Size</b>	<b>MOQ</b>	}	<b>25% extra</b>
3.00 mm to 7.00 mm	1000 Nos.		
7.1mm to 12.7mm	500 Nos.		
12.8mm to 20mm	100 Nos.		
Above 20mm	25 Nos.		
- Oversize shank Drills to IS : 5104 in the following range **10% extra**

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 80.80	1.37/64 to 2	5	4
63.0 to 76.20	2.1/2 to 3	6	5

### MORSE TAPER SHANK TWIST DRILLS (IS : 5103)

MORSE TAPER SHANK NO.	DRILL SIZE			
	MM		INCH	
	OVER	UPTO & INCL.	OVER	UPTO & INCL.
1	3.00	14.00	1/8	35/64
2	14.00	23.00	35/64	29/32
3	23.00	31.75	29/32	1.1/4
4	31.75	50.80	1.1/4	2
5	50.80	76.20	2	3
6	76.20	100.00	3	4



### HSS TAPER SHANK 3 OR 4 FLUTED CORE DRILLS IS : 5366

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
7.94	5/16	1175	28.57	1.1/8	7389
8.00		1178	29.00		7734
9.52	3/8	1296	29.37	1.5/32	7734
10.00		1296	30.00		8214
10.32	13/32	1296	30.16	1.3/16	8214
11.00		1297	30.96	1.7/32	8526
11.11	7/16	1297	31.00		9586
11.91	15/32	1388	31.75	1.1/4	10008
12.00		1388	32.00		10968
12.70	1/2	1466	32.54	1.9/32	10968
13.00		1983	33.00		11198
13.49	17/32	2171	33.34	1.5/16	11198
14.00		2171	34.00		12281
14.29	9/16	2234	34.13	1.11/32	12281
15.00		2330	34.92	1.3/8	12971
15.08	19/32	2330	35.00		12971
15.87	5/8	2384	35.72	1.13/32	13951
16.00		2384	36.00		13951
16.67	21/32	2512	36.51	1.7/16	14717
17.00		2512	37.00		14717
17.46	11/16	2712	37.31	1.15/32	15135
18.00		2918	38.00		16193
18.26	23/32	2918	38.10	1.1/2	16193
19.00		3334	39.00		17757
19.05	3/4	3334	39.69	1.9/16	17757
19.84	25/32	3349	40.00		17757
20.00		3349	41.00		19571
20.64	13/16	3582	41.27	1.5/8	19571
21.00		3555	42.00		20151
21.43	27/32	3787	42.07	1.21/32	20151
22.00		3787	42.86	1.11/16	20799
22.22	7/8	4018	43.00		20799
23.00		4254	44.00		21984
23.02	29/32	4254	44.45	1.3/4	21984
23.81	15/16	4643	45.00		22761
24.00		4873	45.24	1.25/32	22760
24.61	31/32	4873	46.00		23604
25.00		5638	46.04	1.13/16	23604
25.40	1	5638	47.00		24529
26.00		6085	47.62	1.7/8	25793
26.19	1.1/32	6085	48.00		25793
26.99	1.1/16	6717	49.00		27542
27.00		6717	49.21	1.15/16	27542
27.78	1.3/32	6973	50.00		29639
28.00		7388	50.80	2	32772



### HSS TAPER SHANK 3 OR 4 FLUTED CORE DRILLS IS : 5366

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
51.00		33057	64.00		61906
52.00		36406	65.00		61906
52.39	2.1/16	36406	65.09	2.9/16	61906
53.00		42528	66.00		64908
53.97	2.1/8	42528	66.67	2.5/8	64908
54.00		42528	67.00		67617
55.00		44576	68.00		70901
55.36	2.3/16	44576	68.26	2.11/16	70901
56.00		46464	69.00		74365
57.00		46464	69.85	2.3/4	75758
57.15	2.1/4	46464	70.00		75758
58.00		50776	71.00		77258
58.74	2.5/16	50776	71.44	2.13/16	77258
59.00		51715	72.00		80789
60.00		51715	73.00		83784
60.32	2.3/8	51715	73.02	2.7/8	83784
61.00		55114	74.00		86952
61.91	2.7/16	55114	74.61	2.15/16	86952
62.00		55114	75.00		90156
63.00		56698	76.00		94486
63.50	2.1/2	56698	76.20	3	94486

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.

#### IMPORTANT NOTES :

1. For non listed intermediate sizes. The higher price of the nearest listed size (INCH or MM) will be applicable.
2. Sizes upto 20 mm will be with 3 flutes and above 20 mm will be with 4 flutes unless otherwise specified.
3. Core drills with non-standard number of flutes - **10% extra**

### HSS SHELL DRILLS BS : 122 - 1964\*

NOM DIA INCH	PRICE (Rs.) EACH	NOM DIA INCH	PRICE (Rs.) EACH
1	2944	2	6506
1.1/16	3108	2.1/8	7191
1.1/8	3294	2.1/4	7870
1.3/16	3495	2.3/8	8805
1.1/4	3650	2.1/2	10708
1.5/16	3827	2.5/8	12441
1.3/8	4045	2.3/4	13686
1.7/16	4224	2.7/8	15208
1.1/2	4376	3	16703
1.9/16	4626	3.1/8	18728
1.5/8	4828	3.1/4	20539
1.11/16	5481	3.3/8	22090
1.3/4	5607	3.1/2	23718
1.13/16	5826	3.5/8	28021
1.7/8	6003	3.3/4	29314
1.15/16	6293	3.7/8	33932
		4	37499

#### IMPORTANT NOTES

\* For Metric sizes , price as per IS: 7772 - 1992 of the next listed size will be applicable.

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS.35,000/- NETT OR 3 NOS, PER SIZE WHICHEVER IS HIGHER.





### HSS COMBINED DRILLS & COUNTERSINKS (CENTRE DRILLS) IS : 6708 / TYPE 'A'

PILOT DIA MM	BODY DIA MM	PRICE (Rs.) EACH	PILOT DIA MM	BODY DIA MM	PRICE (Rs.) EACH
1	3.15	192	4★	10	422
1.25	3.15	192	5	12.5	713
1.6★	4	192	6.3	16	844
2★	5	192	8	20	1303
2.5★	6.3	221	10	25	1678
3.15★	8	343			

### HSS COMBINED DRILLS & COUNTERSINKS (CENTRE DRILLS) IS : 6710 / TYPE 'R'

PILOT DIA MM	BODY DIA MM	PRICE (Rs.) EACH	PILOT DIA MM	BODY DIA MM	PRICE (Rs.) EACH
2	5	191	5	12.5	713
2.5	6.3	221	6.3	16	844
3.15	8	343	8	20	1303
4	10	423	10	25	1678

### HSS COMBINED DRILLS & COUNTERSINKS (CENTRE DRILLS) IS : 6709 / TYPE 'B'

PILOT DIA MM	BODY DIA MM	PRICE (Rs.) EACH	PILOT DIA MM	BODY DIA MM	PRICE (Rs.) EACH
1	4	314	4★	14	1261
1.25	5	337	5★	18	1803
1.6	6.3	392	6.3	20	2123
2	8	554	8	25	2748
2.5	10	707	10	31.5	3262
3.15	11.20	942			

### HSS COMBINED DRILLS & COUNTERSINKS (CENTRE DRILLS) BS : 328 (PART 2) 1950

B.S. NO.	PILOT DIA INCH	BODY DIA INCH	OAL INCH	PRICE (Rs.) EACH
BS-1	3/64	1/8	1.1/2	192
BS-2★	1/16	3/16	1.3/4	192
BS-3★	3/32	1/4	2	221
BS-4★	1/8	5/16	2.1/4	343
BS-5★	3/16	7/16	2.1/2	448
BS-6★	1/4	5/8	3	844
BS-7	5/16	3/4	3.1/2	1303

ITEMS MARKED★ ARE EX-STOCK ITEMS. ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000/- NETT OR MOQ OF 3 NOS. PER SIZE WHICHEVER IS HIGHER.

#### IMPORTANT NOTES :

LEFT HAND DRILLS

Size	MOQ	} 35% extra
Body Dia upto 8.0mm	- 1000 Nos.	
Body Dia from 10mm to 14mm	- 500 Nos.	
Body Dia from 16mm to 20mm	- 100 Nos.	

LH Centre Drills TYPE 'R' not possible



### HSS TAPER SHANK TWIST DRILLS (LONG SERIES) IS : 8305 - 1976 (TYPE - N)

SIZE		OAL	PRICE (Rs.) EACH	SIZE		OAL	PRICE (Rs.) EACH
MM	INCH	MM		MM	INCH	MM	
5.00★		155	1101	12.50		215	2811
	13/64	155	1101		1/2	215	2811
5.20		155	1101	12.80		215	2811
5.50		161	1226	13.00★		215	2811
	7/32	161	1226		33/64	215	2811
5.80		161	1226	13.20		215	2812
	15/64	161	1226		17/32	223	3081
6.00★		161	1226	13.50		223	3081
6.20		167	1366	13.80		223	3205
	1/4	167	1365		35/64	223	3205
6.50		167	1366	14.00★		223	3206
	17/64	174	1473	14.25		245	4000
6.80		174	1473		9/16	245	4000
7.00		174	1473	14.50		245	4000
	9/32	174	1473		37/64	245	4089
7.20		174	1519	14.75		245	4089
7.50		174	1519	15.00		245	4089
	19/64	181	1606		19/32	251	4181
7.80		181	1606	15.25		251	4181
	5/16	181	1606		39/64	251	4181
8.00★		181	1606	15.50		251	4181
8.20		181	1638	15.75		251	4289
	21/64	181	1638		5/8	251	4289
8.50★		181	1638	16.00		251	4289
	11/32	188	1776	16.25		257	4364
8.80		188	1777		41/64	257	4364
9.00★		188	1777	16.50		257	4364
	23/64★	188	1818		21/32	257	4457
9.20		188	1818	16.75		257	4457
9.50		188	1818	17.00		257	4457
	3/8	197	1818		43/64	263	4840
9.80		197	2064	17.25		263	4840
	25/64	197	2064		11/16	263	4840
10.00★		197	2064	17.50		263	4840
10.20		197	2122	17.75		263	4852
	13/32	197	2122		45/64	263	4852
10.50		197	2122	18.00★		263	4852
	27/64	206	2169	18.25		269	4928
10.80★		206	2169		23/32	269	4928
11.00		206	2169	18.50		269	4928
	7/16	206	2250		47/64	269	5007
11.20★		206	2250	18.75		269	5007
11.50		206	2250	19.00		269	5007
	29/64	206	2250		3/4	275	5007
11.80		206	2250	19.25		275	5144
	15/32	215	2667		49/64	275	5144
12.00		215	2667	19.50		275	5144
12.20		215	2811	19.75		275	5229
	31/64	215	2811		25/32	275	5229



## HSS TAPER SHANK TWIST DRILLS (LONG SERIES) IS : 8305 - 1976 (TYPE-N)

SIZE		OAL	PRICE (Rs.) EACH	SIZE		OAL	PRICE (Rs.) EACH
MM	INCH	MM		MM	INCH	MM	
20.00		275	5229	28.25		351	13212
	51/64	282	5315	28.50		351	13212
20.25		282	5315				
20.50		282	5315		1.1/8	351	13212
	13/16	282	5414	28.75		351	13584
20.75		282	5414				
21.00★		282	5414	29.00		351	13584
	53/64	282	6290	29.25		351	13960
21.25		289	6289		1.5/32	351	13960
	27/32	289	6290	29.50		351	13960
21.50		289	6289	29.75		351	14355
21.75		289	6415	30.00		351	14355
	55/64	289	6415		1.3/16	360	14355
22.00		289	6415	30.25		360	14737
	7/8	289	6851	30.50		360	14737
22.25		289	6851	30.75		360	14737
22.50		296	6851		1.7/32	360	14737
	57/64	296	7181	31.00		360	14737
22.75		296	7181	31.25		360	14844
23.00		296	7181	31.50		360	14844
	29/32	296	8772	31.75	1.1/4	369	15416
23.25		319	8772	32.00		397	17758
	59/64	319	8772	32.50		397	18525
23.50		319	8772		1.9/32	397	18525
23.75		327	8772	33.00		397	18525
	15/16	327	8772		1.5/16	397	18525
24.00		327	8772	33.50		397	19331
	61/64	327	9156	34.00		406	19331
24.25		327	9156		1.11/32	406	20176
24.50		327	9156	34.50		406	20176
	31/32	327	9490		1.3/8	406	20176
24.75		327	9490	35.00		406	20176
25.00		327	9490	35.50		406	20176
25.25★		335	9490		1.13/32	416	22110
	1	335	9490	36.00		416	22110
25.50		335	9490	36.50		416	22937
25.75		335	9870		1.7/16	416	22937
26.00		335	9870	37.00		416	22937
	1.1/32	335	10154		1.15/32	416	24839
26.25		335	10154	37.50		416	24839
26.50		335	10154	38.00		426	24839
26.75		343	12035		1.1/2	426	24839
	1.1/16	343	12035	38.50		426	25654
27.00		343	12035		1.17/32	426	25654
27.25		343	12419	39.00		426	25654
27.50		343	12419	39.50		426	26670
27.75		343	12800		1.9/16	426	26670
	1.3/32	343	12800	40.00		426	26670
28.00		343	12800				



### HSS TAPER SHANK TWIST DRILLS (LONG SERIES) IS : 8305 - 1976 (TYPE-N)

SIZE		OAL	PRICE (Rs.) EACH	SIZE		OAL	PRICE (Rs.) EACH
MM	INCH	MM		MM	INCH	MM	
	1.19/32	436	26670		1.25/32		36870
40.50		436	26670	45.50		459	36870
41.00		436	26670	46.00			36870
	1.5/8	436	26670		1.13/16		36870
41.50		436	28034	46.50		459	38370
42.00		436	28034		1.27/32		38370
	1.21/32	436	29660	47.00			38370
42.50		436	29660	47.50		459	40308
	1.11/16	447	31863		1.7/8	470	40308
43.00		447	31863	48.00			40308
43.50		447	33588		1.29/32		44148
	1.23/32	447	33588	48.50		470	44148
44.00		447	33588	49.00			44148
	1.3/4	447	34970		1.15/16	470	44148
44.50		447	34970	49.50			44148
45.00		447	34970	50.00			46421

ITEMS MARKED★ ARE EX-STOCK ITEMS. ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ OF 3 NOS. PER SIZE WHICHEVER IS HIGHER.

#### IMPORTANT NOTES :

For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.



## HSS TAPER SHANK TWIST DRILLS - EXTRA LONG IS : 7822 - 1975

SIZE		OVERALL LENGTH IN MILLIMETERS												
		200	225	250	275	300	315	325	350	375	400	PRICE EACH		
MM	INCH	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3.0	1/8	1547	1818	2014	2292	2599	-	3001	-	-	-	-	-	-
3.5		1590	1818	2071	2349	2666	-	3083	-	-	-	-	-	-
4.0	5/32	1590	1818	2071	2349	2666	-	3083	-	-	-	-	-	-
4.5		1631	1870	2071	2405	2827	-	3243	-	-	-	-	-	-
5.0	3/16	1631★	1870	2071	2405	2827	-	3243	-	-	-	-	-	-
5.5	7/32	1631	1884	2171	2547	2887	-	3329	-	-	-	-	-	-
6.0		1640	1884	2194	2547	2887	3156	3329	-	-	-	-	-	-
6.5	1/4	1663	1943	2205	2675	3001	3255	3428	-	-	-	-	-	-
7.0		1813	2042	2291	2726	3140	3454	3599	-	-	-	-	-	-
7.5		1833	2092	2358	2775	3222	3531	3668	-	-	-	-	-	-
8.0	5/16	1915	2139	2451	2875	3304	3587	3770	-	-	-	-	-	-
8.5		1978★	2219	2499★	2927	3365	3631	3875	-	-	-	-	-	-



## HSS TAPER SHANK TWIST DRILLS - EXTRA LONG IS : 7822 - 1975 (Contd.)

SIZE		OVERALL LENGTH IN MILLIMETERS												
		200	225	250	275	300	315	325	350	375	400			
MM	INCH	PRICE EACH												
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
9.0		2010	2252	2559	2941	3391	3726	3907	-	-	-	-	-	-
9.5	3/8	2059	2278	2559★	3023	3477	3776	3924	-	-	-	-	-	-
10.0		2064	2336	2635	3076	3544	3868	4033	4514	5089	5661	6133	6346	6512
10.5		2122	2424	2811	3250	3726	4034	4237	4844	5443	6185	6983		
11.0		2170	2499	2838	3304	3794	4166	4346	4933	5532	6185	6983		
11.5	7/16	2250	2552	2911	3384	3887	4237	4428	5066	5677	6346	6983		
12.0		-	2667	3038★	3519	4033	4401	4624	5229	5805	6512	6983		
12.5	1/2	-	2811	3140	3647	4158	4543	4752	5475	6180	6983			



### HSS TAPER SHANK TWIST DRILLS - EXTRA LONG IS : 7822 - 1975 (Contd.)

SIZE		OVERALL LENGTH IN MILLIMETERS													
MM	INCH	250	275	300	315	325	350	375	400	425	450	475	500	PRICE EACH	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
13.0		3726★	4267	4844	5260	5532	6295	7064	7936	-	-	-	-	-	-
13.5		3846★	4353	4976	5388	5631	6414	7241	8136	-	-	-	-	-	-
14.0		3973	4483	5066	5497	5721	6540	7389	8292	-	-	-	-	-	-
14.5	9/16	4000	4544	5142	5526	5805	6666	7518	8437	9920	11072	12460	13973		
15.0		4089	4643	5265	5644	5947	6799	7622	8575	9875	11206	12584	14116		
15.5		4183	4751	5316	5754	6028	6903	7768	8693	9946	11314	12694	14238		
16.0	5/8	4289	4831	5423	5836	6137	7002	7889	8842	10153	11509	12849	14395		
16.5		4364	4895	5526	5947	6233	7132	8034	9056	10306	11630	12980	14483		
17.0		4457	5013	5584	6018	6317	7241	8142	9156	10429	11775	13105	14618		
17.5	11/16	-	-	5721	6133	6439	7380	8280	9265	10554	11912	13271	14755		
18.0		-	-	5805	6271	6540	7499	8425	9435	10686	12034	13410	14897		
18.5		-	-	5898	6346	6659	7665	8525	9582	10822	12173	13502	15041		



### HSS TAPER SHANK TWIST DRILLS - EXTRA LONG IS : 7822 - 1975 (Contd.)

SIZE		OVERALL LENGTH IN MILLIMETERS											
		250	275	300	315	325	350	375	400	425	450	475	500
MM	INCH	PRICE EACH											
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
19.0	3/4	-	-	6003	6439	6758	7689	8656	9710	10936	12312	13635	15127
19.5		-	-	6077	6512	6823	7828	8827	9907	11072	12457	13798	15275
20.0		-	-	6180	6618	6954	7919	8945	10050	11292	12584	13948	15462
20.5		-	-	6295	6738	7051	8051	9056	10200	11429	12800	14163	15695
21.0	13/16	-	-	6407	6659	7171	8224	9244	10367	11674	13018	14423	15940
21.5		-	-	6540	6983	7291	8368	9421	10564	11848	13293	14683	16265
22.0		-	-	6683	7170	7499	8525	9582	10742	12034	13500	14918	16522
22.5	7/8	-	-	6860	7320	7659	8669	9710	10856	12242	13687	15174	16797





### HSS TAPER SHANK TWIST DRILLS - EXTRA LONG IS : 7822 - 1975 (Contd.)

SIZE		OVERALL LENGTH IN MILIMETERS												
MM	INCH	300	315	325	350	375	400	425	450	475	500	525	Rs.	
		PRICE EACH												Rs.
23.0		7180	7664	7944	8955	9921	11049	12419	13936	15398	17042	-	17042	
23.5		7889	-	8772	9614	10569	11428	12840	14332	15864	17565	-	17565	
24.0	15/16	7889	-	8772	9710	10706	11828	13244	14786	16296	18034	-	18034	
24.5		8136	-	9156	10152	11072	12231	13680	15207	16773	18523	-	18523	
25.0		-	-	9488	10526	11509	12608	14066	15647	17239	19041	-	19041	
25.5	1	-	-	-	10851	11848	12983	14466	16057	17703	19486	-	19486	
26.0		-	-	-	11292	12276	13404	14897	16532	18160	20006	-	20006	
26.5		-	-	-	11630	12634	13778	15312	16954	18589	20495	-	20495	
27.0	1.1/16	-	-	-	12034	13078	14186	15717	17377	19074	20973	-	20973	
27.5		-	-	-	12419	13410	14536	16135	17816	19516	21445	-	21445	
28.0		-	-	-	12800	13798	14962	16532	18246	20392	21964	-	21964	
28.5	1.1/8	-	-	-	13213	14205	15333	16918	18689	20461	22417	-	22417	



## HSS TAPER SHANK TWIST DRILLS - EXTRA LONG IS : 7822 - 1975 (Contd.)

SIZE		OVERALL LENGTH IN MILLIMETERS											
		300	315	325	350	375	400	425	450	475	500	525	
MM	INCH	PRICE EACH											
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
29.0		-	-	-	13584	14595	15752	17344	19135	20894	22924	-	-
29.5		-	-	-	13960	14962	16124	17758	19543	21366	23426	-	-
30.0	1.3/16	-	-	-	14355	15364	16522	18160	19983	21815	23887	-	-
31.0	1.1/4	-	-	-	14737	15748	16922	18610	20502	22384	24561	-	-
32.0		-	-	-	14844	16057	17758	19516	21495	23426	25701	27382	28617
33.0	1.5/16	-	-	-	-	-	18523	20384	22453	24474	26824	28617	29823
34.0		-	-	-	-	-	19332	21250	23412	25534	27977	31030	32186
35.0	1.3/8	-	-	-	-	-	20177	22184	24377	26601	29118	30259	33393
36.0		-	-	-	-	-	20973	23025	25320	27626	30259	31360	34652
37.0	1.7/16	-	-	-	-	-	21772	23887	26285	28664	31360	32550	35682
38.0	1.1/2	-	-	-	-	-	22601	24838	27302	29738	32550	33522	35682
39.0		-	-	-	-	-	23426	25927	28170	30682	33522	35682	35682



### HSS TAPER SHANK TWIST DRILLS - EXTRA LONG IS : 7822 - 1975 (Contd.)

SIZE		OVERALL LENGTH IN MILLIMETERS										
MM	INCH	400	425	450	475	500	525	PRICE EACH				Rs.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
40.0		24406	26670	29162	31719	34622						36807
41.0	1.5/8	-	-	-	-	35769						-
42.0		-	-	-	-	37359						-
43.0		-	-	-	-	39017						-
44.0		-	-	-	-	40644						-
45.0	1.3/4	-	-	-	-	42300						-
46.0	1.13/16	-	-	-	-	44091						-
47.0		-	-	-	-	45873						-
48.0	1.7/8	-	-	-	-	47661						-
49.0	1.15/16	-	-	-	-	49413						-
50.0		-	-	-	-	51405						-

**IMPORTANT NOTES :**

- 1) Size 6 mm to 50 mm OAL 200,250,315,400 & 500 mm will be to IS 7822 - 1975. All other size to over standard.
- 2) For non listed intermediate sizes , the higher price of the nearest listed size (INCH or MM) will be applicable.
- 3) ITEMS MARKED \* ARE EX-STOCK ITEMS , ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE . OF RS.35,000/- NETT OR MOQ OF 3 NOS PER SIZE WHICHEVER IS HIGHER



**HSS PARALLEL SHANK TWIST DRILLS  
EXTRA LONG TO OUR STANDARD**

PRICE (Rs.) EACH

SIZE		OVERALL LENGTH IN MILLIMETERS												
MM	INCH	50	100	125	150	175	200	225	250	300	350			
0.5	-	652	-	-	-	-	-	-	-	-	-			
0.6	-	610	-	-	-	-	-	-	-	-	-			
0.8	-	417	-	-	-	-	-	-	-	-	-			
1.0	-	-	404	-	-	-	-	-	-	-	-			
1.2	3/64	-	404	-	-	-	-	-	-	-	-			
-	1/16	-	-	498	595	-	-	-	-	-	-			
-	5/64	-	-	516	621	-	-	-	-	-	-			
3.0	1/8	-	-	-	839	1028	1163	1383	1631	2035	-			
3.5	-	-	-	-	818	953	1226	1523	1833	2338	3174			
4.0	5/32	-	-	-	818	953	1226	1523	1833	2338	3224			
4.5	-	-	-	-	838	1028	1226	1523	1833	2408	-			
5.0	3/16	-	-	-	838	1069	1328	1630	1925	2552	3383			
5.5	7/32	-	-	-	917	1143	1419	1737	2049	2711	3526			
6.0	-	-	-	-	917	1194	1461	1768	2121	2776	3659			
6.5	1/4	-	-	-	-	-	1494	-	2160	2908	3659			
7.0	-	-	-	-	-	-	1658	-	2376	3287	4109			
7.5	9/32	-	-	-	-	-	1688	-	2526	3348	4109			
8.0	5/16	-	-	-	-	-	1771	-	2631	3430	4205			
8.5	11/32	-	-	-	-	-	1828	-	2686	3493	4491			
9.0	-	-	-	-	-	-	1828	-	2686	3493	4491			
9.5	3/8	-	-	-	-	-	1925	-	2702	3570	4635			
10.0	-	-	-	-	-	-	2005	-	2777	3729	4843			
10.5	13/32	-	-	-	-	-	2072	-	2966	3868	5094			
11.0	7/16	-	-	-	-	-	-	-	3069	3987	5255			
11.5	-	-	-	-	-	-	-	-	3069	3987	5255			
12.0	15/32	-	-	-	-	-	-	-	3221	4228	5392			
12.5	1/2	-	-	-	-	-	-	-	3321	4364	5751			

**IMPORTANT NOTES :**

- 1) Other details will be maintained as per IS: 7823-1983.
- 2) For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable .
- 3) ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS.35,000/- NETT OR 15 NOS., PER SIZE WHICHEVER IS HIGHER.



Quicker • Sharper • *More* Powerful

## DRILL PRICE

### HSS-E PANTHER SERIES PARALLEL SHANK TWIST DRILLS IS : 5101

SIZE		PRICE (Rs.) 10 Nos.	SIZE		PRICE (Rs.) 10 Nos.
MM	INCH		MM	INCH	
3.00		576	7.00		3198
3.10		685	7.14	9/32	3198
3.17	1/8	685	7.50		3376
3.20		710	7.94	5/16	4010
3.30		710	8.00		4010
3.40		710	8.20		4010
3.50		710	8.30		4861
3.57	9/64	710	8.33	21/64	4861
3.70		1002	8.50		4861
3.80		1002	8.60		4861
3.97	5/32	1002	8.70		4861
4.00		1002	8.80		5121
4.10		1216	9.00		5121
4.20		1216	9.30		5341
4.37	11/64	1216	9.50		5341
4.50		1596	9.52	3/8	6056
4.76	3/16	1596	10.00		6779
5.00		1733	10.20		6779
5.10		1733	10.30		7347
5.16	13/64	1733	10.32	13/32	7347
5.20		1733	10.40		7347
5.30		1870	10.50		7347
5.50		1870	11.00		7777
5.56	7/32	1870	11.11	7/16	8681
6.00		2104	11.50		9156
6.20		2289	11.80		9156
6.35	1/4	2289	12.00		9779
6.50		2921	12.50		10372
6.60		2921	12.70	1/2	10950
6.70		2921	12.80		10950
6.75	17/64	2921	13.00		10950
6.80		2921			

MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ 50 NOS.  
PER SIZE WHICHEVER IS HIGHER.

**IMPORTANT NOTE :**

All sizes to be ordered in multiples of 10 only.



### HSS-E PANTHER SERIES TAPER SHANK TWIST DRILLS - IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
9.52	3/8	998	16.67	21/32	2954
10.00		1065	16.75		2954
10.20		1197	17.00 ★		2954
10.32	13/32	1157	17.25		3003
10.50		1418	17.46	11/16 ★	3003
11.00		1471	17.50 ★		3117
11.50		1519	18.00 ★		3285
12.00 ★		1535	18.25		3285
12.50		1535	18.26	23/32	3285
12.70	1/2 ★	1535	18.50 ★		3285
13.00 ★		2134	18.75		3323
13.20		2228	19.00 ★		3323
13.49	17/32	2228	19.05	3/4 ★	3323
13.50 ★		2385	19.25		3491
13.80		2385	19.50 ★		3491
13.89	35/64	2385	19.84	25/32 ★	3491
14.00 ★		2385	20.00 ★		3754
14.20		2563	20.24	51/64	3798
14.25		2563	20.25		3798
14.29	9/16 ★	2563	20.50 ★		3798
14.50 ★		2663	20.64	13/16	3798
14.75		2663	21.00 ★		3962
15.00 ★		2663	21.50 ★		4187
15.08	19/32	2663	22.00 ★		4264
15.25		2702	22.22	7/8	4264
15.50 ★		2702	22.50 ★		4646
15.87	5/8 ★	2702	23.00 ★		4738
16.00 ★		2782	23.50 ★		5639
16.25		2782	24.00 ★		5805
16.27	41/64	2782	24.50		5903
16.30		2954	25.00 ★	63/64	6169
16.50 ★		2954	25.40	1 ★	6250

ITEMS MARKED ★ (ONLY IN RH) ARE EX-STOCK ITEMS.  
ALL REMAINING ITEMS IN (RH) WILL ATTRACT MINIMUM ORDER VALUE - OF RS. 35,000/- NETT OR MOQ 3 NOS PER SIZE WHICHEVER IS HIGHER.



### HSS PARALLEL HAND REAMERS, HSS LONG FLUTED MACHINE REAMERS AND HSS PARALLEL/TAPER SHANK CHUCKING REAMERS

Price (Rs.) Each

SIZE		HAND REAMERS IS : 5444	LONG FLUTED MACHINE REAMERS IS : 5445	CHUCKING REAMERS	
MM	INCH			PARALLEL SHANK IS:5446	TAPER SHANK IS:5447
3.00		1008★	1008★	1008	1008
3.17	1/8	1008	1008	1008	1008
3.50		1008	1008	1008	1008
3.97	5/32	1008	1008	1008	1008
4.00		1008★	1008★	1008	1008
4.50		1008	1008	1008	1008
4.76	3/16	1008★	1008	1008	1008
5.00		1008★	1008★	1008	1008
5.50		1008	1008	1008	1008
5.56	7/32	1008★	1008	1008	1008
6.00		1172	1172★	1172	1172
6.35	1/4	1172★	1172★	1172	1172
7.00		1174★	1174★	1174	1174
7.14	9/32	1174	1174	1174	1174
7.94	5/16	1331★	1331★	1331	1331
8.00		1331★	1331★	1331	1331
8.73	11/32	1388	1388★	1388	1388
9.00		1388	1388★	1388	1388
9.13	23/64	1388	1388	1388	1388
9.52	3/8	1513★	1513★	1513	1513
9.92	25/64	1676	1676	1676	1676
10.00		1676★	1676★	1676	1676
10.32	13/32	1676	1676★	1676	1676
11.00		1883	1883★	1883	1883
11.11	7/16	1883	1883★	1883	1883
11.91	15/32	1958	1958	1958	1958
12.00		1958★	1958★	1958	1958
12.70	1/2	2032★	2032★	2032	2032
13.00		2472	2472★	2472	2472
13.49	17/32	2472	2472	2472	2472
14.00		2472★	2472★	2472	2472
14.29	9/16	2472	2472★	2472	2472
15.00		2488	2488	2488	2488
15.08	9/32	2488	2488	2488	2488
15.87	5/8	2488	2488★	2488	2488
16.00		2488	2488★	2488	2488
16.67	21/32	2864	2864		2864
17.00		2864	2864★		2864
17.46	11/16	2864	2864		2864
18.00		3068	3068★		3068
18.26	23/32	3261	3261		3261
19.00		3261	3261		3261
19.05	3/4	3261	3261★		3261
20.00		4277	4277★		4277
20.64	13/16	3702★	3702★		3702
21.00		4114	4114★		4114
22.00		4114	4114★		4114
22.22	7/8	4114★	4114★		4114
23.00		4802	4802★		4802
23.81	15/16	5320	5320		5320
24.00		5320	5320★		5320
25.00		5332	5332★		5332
25.40	1	5429	5429★		5429
26.00		6589	6589★		6589
26.99	1.1/16	7536	7536		7536
27.00		7536	7536		7536
28.00		7536	7536★		7536
28.57	1.1/8	7536	7536★		7536
29.00		7994	7994		7994
30.00		8626	8626★		8626
30.16	1.3/16	8626	8626		8626
31.00		9525	9525		9525
31.75	1.1/4	9525	9525★		9525
32.00		9525	9525★		9525
33.00		10817	10817		10817
33.34	1.5/16	10817	10817		10817
34.00		12153	12153		12153
34.92	1.3/8	13298	13298★		13298
35.00		13298	13298		13298
36.00		13298	13298		13298
36.51	1.7/16	13395	13395		13395



**HSS PARALLEL HAND REAMERS, HSS LONG FLUTED  
MACHINE REAMERS AND HSS TAPER SHANK  
CHUCKING REAMERS**

Price (Rs.) Each

SIZE		HAND REAMERS IS : 5444	LONG FLUTED MACHINE REAMERS IS:5445	CHUCKING REAMERS TAPER SHANK IS:5447
MM	INCH			
37.00		14597	14597	14597
38.00		14597	14597	14597
38.10	1.1/2	14597	14597	14597
39.00		16131	16131	16131
39.69	1.9/16	17631	17631	17631
40.00		17631	17631	17631
41.00		17781	17781	17781
41.27	1.5/8	20955	20955	20955
42.00		20955	20955	20955
42.86	1.11/16	20955	20955	20955
43.00		20955	20955	20955
44.00		20955	20955	20955
44.45	1.3/4	20955	20955	20955
45.00		24557	24557	24557
46.00		24557	24557	24557
47.00		26515	26515	26515
47.62	1.7/8	28478	28478	28478
48.00		28478	28478	28478
49.00		28478	28478	28478
49.21	1.15/16	28478	28478	28478
50.00		28478	28478	28478
50.80	2	28478	28478	28478
51.00		28478	28478	28478
52.00		33945	33945	
52.39	2.1/16	33945	33945	
53.00		33945	33945	
53.97	2.1/8	33945	33945	
54.00		33945	33945	
55.00		39416	39416	
55.56	2.3/16	39416	39416	
56.00		39416	39416	
57.00		39416	39416	
57.15	2.1/8	39416	39416	
58.00		42174	42174	
58.74	2.5/16	42174	42174	
59.00		42174	42174	
60.00		50037	50037	
60.32	2.3/8	50037	50037	
61.00		50037	50037	
61.91	2.7/16	50037	50037	
62.00		50037	50037	
63.00		50037	50037	
63.50	2.1/2	50037	50037	
64.00		50037	50037	
65.00		-	60413	
65.09	2.9/16	60413	60413	
66.00		-	62452	
66.67	2.5/8	62452	62452	
67.00		62452	62452	
68.00		-	66950	
68.26	2.11/16	66950	66950	
69.00		-	66950	
69.85	2.3/4	66950	66950	
70.00		-	66950	
71.00		66950	66950	
71.44	2.13/16	70342	70342	
72.00		-	81788	
73.00			81788	
73.02	2.7/8	81788	81788	
74.00		-	81788	
74.61	2.15/16	81788	81788	
75.00		-	85885	
76.00		-	85885	
76.20	3	85885	85885	

ITEM MARKED \* ARE EX-STOCK ITEMS. ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS 35,000/- NETT OR MOQ OF 3 NOS. PER SIZE WHICHEVER IS HIGHER

**IMPORTANT NOTES :**

For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.





### HSS TAPER SHANK EXTRA LONG MACHINE REAMERS

SIZE MM	PRICE (Rs.) EACH
8 x 125 x 200	1927
8 x 175 x 250	2060
8 x 200 x 300	2259
9 x 225 x 300	2834
9 x 125 x 200	1881
9 x 175 x 250	2165
10 x 125 x 200	2421
10 x 175 x 250	2582
10 x 200 x 300	2740
10 x 300 x 400	2929
12 x 160 x 250	2869
12 x 200 x 300	3023
13 x 200 x 300	3457
14 x 160 x 250	3222
14 x 200 x 300	3784
15 x 200 x 300	3843
15 x 300 x 400	4299
16 x 200 x 300	3843
16 x 300 x 400	4299
17 x 200 x 300	4336
18 x 200 x 300	4765
19 x 200 x 300	5063
20 x 200 x 300	5618
20 x 300 x 400	6346
22 x 200 x 300	6379
25 x 200 x 325	8283
25 x 275 x 400	9303
26 x 275 x 400	11503
28 x 275 x 400	13212

### HSS TAPER SHANK EXTRA LONG MACHINE REAMERS

SIZE INCH MM MM	PRICE (Rs.) EACH
5/16 x 125 x 200	1927
5/16 x 175 x 250	2060
5/16 x 200 x 300	2259
3/8 x 125 x 200	2421
3/8 x 175 x 250	2582
3/8 x 200 x 300	2740
7/16 x 160 x 250	2869
7/16 x 200 x 300	3023
1/2 x 125 x 200	3235
1/2 x 200 x 300	3270
9/16 x 200 x 300	3843
9/16 x 250 x 350	4072
5/8 x 200 x 300	3843
5/8 x 250 x 350	4112
5/8 x 300 x 400	4299
11/16 x 200 x 300	4770
3/4 x 200 x 300	5063
3/4 x 300 x 400	5389
13/16 x 200 x 300	6379
7/8 x 200 x 300	7557
7/8 x 300 x 400	7720
1 x 200 x 325	8283
1 x 275 x 400	9303
1.1/8 x 275 x 400	14134

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

#### IMPORTANT NOTES :

For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.



**HSS TAPER PIN REAMERS (TAPER 1:50)  
HAND IS 5881 - 1984, MACHINE IS : 5918 - 1984**

NOMINAL DIA MM	PRICE (Rs.) EACH	NOMINAL DIA MM	PRICE (Rs.) EACH
3	2164	16	4901
4	2164	20	7623
5	2164	25	8088
6	2164	30	10884
8	2929	32	11958
10	3249	40	21384
12	3922	50	37061
14	4403		

**HSS TAPER PIN REAMERS (TAPER 1:48)  
HAND/MACHINE - BS : 122 : 12 : 1964**

NOMINAL DIA INCH	PRICE (Rs.) EACH	NOMINAL DIA INCH	PRICE (Rs.) EACH
3/16	2016	13/32	3153
7/32	2016	7/16	3246
1/4	2016	1/2	3670
9/32	2205	9/16	4243
5/16	2443	5/8	4720
11/32	2756	3/4	5948
3/8	2785	7/8	7340

ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT MOQ OF 15 NOS. PER SIZE WHICHEVER IS HIGHER..

R.H. Cutting with straight flutes will be supplied as standard for hand taper pin Reamer.

R.H. Cutting with L.H. helical flutes will be supplied as standard for Machine Taper Pin Reamer.

**HSS MACHINE JIG REAMERS IS : 11002-1989**

SIZE MM	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH
10	2153	33	13150
11	2153	35	15144
12	2466	36	16247
13	2931	39	17371
14	2931	40	19968
15	3223	41	19968
16	3223	43	22308
17	3720	44	24512
19	4168	45	26617
20	4545	46	26617
22	5243	47	29019
23	5243	48	31560
24	6752	49	31560
25	7317	50	35086
27	8179		
28	8888		
30	9673		
32	11198		

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.

**IMPORTANT NORES :**

For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.



**HSS SOCKET REAMERS :**  
**PARALLEL SHANK - IS : 5882 / TAPER SHANK - IS 5807.**  
**\* TYPE 'A' (ROUGHING), TYPE 'B' (PRE - FINISHING ) ,**  
**TYPE 'C' (FINISHING )**

MORSE TAPER NO	PARALLEL SHANK PRICE (Rs) EACH	TAPER SHANK PRICE (Rs) EACH
0	2313	2746
1	2546	2896
2	3545	4298
3	5152	6445
4	8523	10152
5	17371	18659
6	30653	42739

\* Type required to be specified in order.

**HSS MACHINE BRIDGE REAMERS - IS 5919**

SIZE MM	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH
11	2559	20	5762	31	11015
11.5	2991	21	6402	32	11015
12	2991	21.5	6402	33	11852
13	3261	22	6402	35	12714
13.5	3261	23	6983	36	13568
14	3261	23.5	6983	37	14463
15	3784	25.0	7593	40	22996
17	4669	27	8559	43	27218
17.5	4669	28	9264	49	37020
19	5243	30	10000		

**HSS MACHINE BRIDGE REAMERS BS: 122 (Part 2) : 1964**

SIZE INCH	PRICE (Rs.) EACH	SIZE INCH	PRICE (Rs.) EACH	SIZE INCH	PRICE (Rs.) EACH
7/16	2559	13/16	5568	1.3/16	9600
1/2	2767	7/8	6402	1.1/4	10710
9/16	3261	15/16	6983	1.5/16	11337
5/8	3784	1	7593	1.3/8	12153
11/16	4669	1.1/16	8263	1.7/16	12990
3/4	5243	1.1/8	8876	1.1/2	14463

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF  
 Rs. 35,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

**IMPORTANT NOTES :**

For non listed intermediate sizes, the higher price of the nearest  
 listed size (INCH or MM) will be applicable.



**HSS SHELL REAMERS IS : 5926 : 1970  
(WITH 1: 30 TAPER HOLE)**

SIZE MM	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH
21	3319	42	6271	66	14201
22	3319	43	6271	67	15581
23	3319	44	6362	68	15581
24	3319	45	6636	70	15581
25	3319	46	6636	72	17325
26	3518	47	6951	73	17325
27	3518	49	7138	76	19012
28	3774	50	7430	79	21329
30	3973	52	8228	80	23379
32	4159	54	8228	82	23379
33	4367	56	9029	85	25217
35	4595	57	9029	89	27011
36	4787	58	10123	91	31947
38	5041	60	10123	92	31947
39	5292	62	12231	95	33396
40	5292	63	12231	98	38555
41	5527	65	14201	99	42680
				100	42680

**HSS COUNTERSINKS WITH TAPER SHANK  
BS: 122 (PART 2): 1964 (INCLUDED ANGLE 60 OR 90)**

BODY DIA INCH	PRICE (Rs.) EACH	BODY DIA INCH	PRICE (Rs.) EACH	BODY DIA INCH	PRICE (Rs.) EACH
1/2★	1769	1.1/8★	5466	2	16426
5/8★	2350	1.1/4	6880	2.1/4	18623
3/4	2662	1.3/8	8044	2.1/2	23112
7/8	3361	1.1/2	9533	2.3/4	27279
1 ★	4229	1.3/4.	14096	3	32991

**HSS TAPER SHANK COUNTERBORES IS : 5710 - 1988**

CUTTER DIA MM	PRICE (Rs.) EACH	CUTTER DIA MM	PRICE (Rs.) EACH
13.5	2687	34	12685
14.5	3003	36	13787
16.5	3448	37	14367
17.5	3709	39	15566
19.5	4380	41	16881
20.0	4590	43	17453
22.0	5255	46	19870
23.0	6031	48	21569
25.0	7301	51	24347
26.0	8091	53	26451
28.0	9036	55	29117
29.0	9525	57	31991
31.0	10385	59	35448
33.0	11898	61	39494

Counterbores will be supplied without pilots and grub screws. Pilot holes and grub screw holes, will however, be provided.

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

**IMPORTANT NOTES :**

For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.



**HSS TAPER SHANK COUNTER BORES  
BS : 122 (PART 2) : 1964**

CONTERBORE DIA INCH	PRICE (Rs.) EACH	CONTERBORE DIA INCH	PRICE (Rs.) EACH
1/2	2357	1.1/8	9036
9/16	2931	1.1/4	10385
5/8	3272	1.3/8	12685
11/16	3709	1.1/2	14735
3/4	4168	1.5/8	16890
13/16	4621	1.3/4	19135
7/8	5255	1.7/8	21257
15/16	6175	2	23470
1	7301		

**IMPORTANT NOTES :**

- Counterbores upto and including 1/2" dia. Are supplied without integrated pilots, the diameter of which should be specified at the time of order.
- Counterbores above 1/2" dia. Will be provided with pilot holes and grub screw holes. The pilots & grub screws will not be supplied by us.
- For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.

**HSS CYLINDRICAL CUTTER IS : 6309**

DIA MM	BORE MM	WIDTH MM	PRICE (Rs.) EACH	DIA MM	BORE MM	WIDTH MM	PRICE (Rs.) EACH
40	16	20	2400	80	32	80	11638
40	16	32	3000	80	32	100	13399
40	16	50	3734	100	40	40	9672
40	16	70	5005	100	40	70	14649
50	22	25	3074	100	40	90	18149
50	22	40	3640	100	40	110	25497
50	22	63	4780	100	40	125	31060
50	22	80	6187	125	50	50	21832
63	27	32	4379	125	50	80	30969
63	27	50	5520	125	50	110	41678
63	27	70	7265	125	50	125	46625
63	27	90	8530	125	50	140	51860
80	32	36	6187	160	60	125	77579
80	32	63	9835				

**HSS HELICAL CYLINDRICAL CUTTERS BS: 122 (PART 1) : 1953**

PRICE (Rs.) EACH

LENGTH OF CUTTER INCH	DIAMETER OF CUTTER		
	3	4	5
2	10917	16030	26734
3	13820	21443	36014
4	18584	27307	45323
5	26850	39504	54486
6	34046	46485	63881

**IMPORTANT NOTE**

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.



## HSS HIGH POWER CYLINDRICAL CUTTERS BS: 122 (PART 1) : 1953

PRICE (Rs.) EACH

LENGTH OF CUTTER INCH	DIAMETER OF CUTTER				
	2.1/2	3	3.1/2	4	4.1/2
1	3912	4933	5467	6913	9968
2	5793	7593	9116	12102	16738
3	7707	10313	12729	17278	23644
4	9602	13109	16387	22021	30969
5	11577	18434	24100	30574	38128
6	13549	27390	28678	35743	45312
7	15458	27390	33312	42613	53058
8	18101	31287	37948	48538	59787

### IMPORTANT NOTE

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.

## HSS SIDE & FACE CUTTERS - IS : 6308 - 1982

PRICE (Rs.) EACH

DIA MM	BORE MM	WIDTH MM	STRAIGHT TEETH TYPE "B"	STAGGERED TEETH TYPE "A"
50	16	5	2813	3499
		6	2923	3640
		8	3000	3741
		10	3186	3982
63	22	6	3446	4454
		8	3640	4859
		10	3961	5005
		12	4131	5394
		14	4255	5786
		16	4464	6241
80	27	6	3773	4736
		8	4182	5153
		10	4464	5897
		12	4760	6241
		14	5063	6696
		16	5296	6832
		18	5897	7737
100	★★	6	5394	6540
		8	5766	7000
100	32	10	6374	7502
		12	6832	8339
		14	7238	8530
		16	7737	9203
		18	8253	9461
		20	8886	9990
		22	9303	11423
125	★★	6	7561	9381
		8	8115	10107
		10	8695	11762
125	32	12	9909	12212
		14	10734	13045
		16	11190	13549
		18	12000	15454
		20	12426	16672
		22	13722	18117
		25	15005	18840
28	16897	21568		



## HSS SIDE & FACE CUTTERS - IS : 6308 - 1982

PRICE (Rs.) EACH

DIA MM	BORE MM	WIDTH MM	STRAIGHT TEETH TYPE "B"	STAGGERED TEETH TYPE "A"
150	★★	6	9203	11834
		8	10011	12802
		10	10861	13795
		12	12579	15889
		14	13453	16897
		16	14335	17920
		18	16097	19878
		20	16097	19878
		22	17871	22024
		25	19592	24256
		28	21226	26597
32	22813	29017		
160	★★	6	12522	13985
		8	13310	14869
		10	14099	15749
		12	14872	16607
160	40	14	15656	17496
		16	16578	18372
		18	17753	20327
		20	18640	20327
		22	19739	22533
		25	21305	26127
		28	22813	27206
32	24833	29663		
200	★★	6	16387	18176
		8	17683	19575
		10	19137	21513
		12	22120	24322
		14	23560	26024
200	40	16	25017	27755
		18	27917	31471
		20	28222	32430
		22	30818	35276
		25	33719	38738
		28	35499	41143
32	39459	46114		
225	★★	8	23043	25202
		10	25083	27147
		12	29201	31866
		14	31303	34454
		16	33441	37014
		18	37725	42895
		20	37725	42895
		22	41647	47499
		25	45608	51950
		28	49659	56150
32	53704	60328		
250	★★	10	29001	31158
		12	33923	37149
		14	36726	40030
		16	39432	42895
		18	44571	49623
		20	44571	49623
		22	49325	54991
		25	54383	59883
		28	59116	66258
		32	63800	72659

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 2 NOS. PER SIZE WHICHEVER IS HIGHER.

### IMPORTANT NOTE

★★ BORE REQUIRED FOR THESE SIZES TO BE SPECIFIED WHILE ORDERING.



### HSS STRAIGHT TEETH SIDE & FACE CUTTERS BS : 122 (PART 1) : 1953

WIDTH OF CUTTER EDGE & BOSS INCH	DIAMETER OF CUTTER				
	2.1/2"	3"	3 1/2"	4"	5"
	PRICE (Rs) EACH				
1/4	3446	3819	4538	5379	7561
5/16	3610	4013	4795	5766	8115
3/8	3773	4256	5100	6152	8695
7/16	3944	4454	5402	6540	9303
1/2	4113	4689	5667	6832	9909
5/8	4409	5142	6281	7737	11190
3/4	4710	5520	6880	8530	12426
7/8	5025	6144	7417	9303	13722
1	5379	6638	8159	10107	15005
1.1/4	6046	7330	9230	11488	17330
1.1/2	6736	8376	10401	12654	19716

### HSS STRAIGHT TEETH SIDE & FACE CUTTERS BS : 122 (PART 1) : 1953

WIDTH OF CUTTER EDGE & BOSS INCH	DIAMETER OF CUTTER				
	6"	7"	8"	9"	10"
	PRICE (Rs) EACH				
1/4	9203	13646	16387	21109	-
5/16	10011	14766	17683	23042★★	-
3/8	10861	15887	19137	25083★★	29001★★
7/16	11719	16949	20625	27035★★	31168★★
1/2	12579	18307	22119	29202★★	33922★★
5/8	14329	20496	25017	33441★★	39432★★
3/4	16097	22730	27918	37051★★	44571★★
7/8	17870	24990	30819	41647★★	49326★★
1	19591	27222	33719	45607★★	54384★★
1.1/4	22813	31671	39452	53704★★	63800★★
1.1/2	26024	36176	45185	61821	73981★★
1.3/4	-	-	-	75812	89842

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 2 NOS. PER SIZE WHICHEVER IS HIGHER.

★★ BORE REQUIRED FOR THESE SIZES TO BE SPECIFIED WHILE ORDERING.

#### IMPORTANT NOTE :

Cutter of width of 3/4" and above will be supplied with Left hand Helical Flutes.

### HSS STAGGERED TEETH SIDE & FACE CUTTERS BS : 122 (PART 1) 1953

WIDTH OF CUTTER EDGE & BOSS INCH	DIAMETER OF CUTTER					
	3"	4"	5"	6"	7"	8"
	PRICE (Rs) EACH					
1/4	4795	6540	9381	11834	15459	18201
5/16	5100	7000	10108	12802	17743	19575
3/8	5699	7417	11762	13795	19138	21513
7/16	5793	7871★★	11969★★	14825★★	20096★★	22919★★
1/2	5897	8338	12212	15889	21005	24322
5/8	6601	9203	13549	17920	24636	27755
3/4	7013	10503	15459	19878	27557	31566
7/8	7647	11423	17920	22024	30320	35276
1	8253	12454	18840	24240	33029	38728





## HSS STAGGERED TEETH SIDE & FACE CUTTERS BS : 122 (PART 1) : 1953

WIDTH OF CUTTER EDGE & BOSS INCH	DIAMETER OF CUTTER	
	9"	10"
	PRICE (Rs) EACH	
5/16	25202 **	28866
3/8	27147 **	31158
7/16	29877 **	32592
1/2	31907 **	37149
5/8	37014 **	42895
3/4	42895 **	49623 **
7/8	47499 **	54991 **
1	49311 **	59883 **
1.1/4	60328 **	72659
1.1/2	68957 **	83487
1.3/4	84109 **	100325

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 2 NOS. PER SIZE WHICHEVER IS HIGHER.

### IMPORTANT NOTES :

\*\* BORE REQUIRED FOR THESE SIZES TO BE SPECIFIED WHILE ORDERING.

## HSS SINGLE ANGLE CUTTERS IS : 6324 - 1971

DIA MM	BORE MM	WIDTH MM	ANGLE DEGREES	PRICE (Rs) EACH
50	16	12	60, 65, 70, 75, 80 & 85	2657
63	22	18	60, 65, 70, 75, 80 & 85	3961
63	22	26	70, 75 & 80	4709
80	22	32	70, 75 & 80	6187
100	27	36	70, 75 & 80	9283

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

## HSS SINGLE ANGLE CUTTERS - BS : 122 (PART 1) : 1953

WIDTH OF CUTTER INCH	ANGLE DEGREES	PRICE (Rs) EACH	
		DIAMETER OF CUTTER	
		2.3/4"	3"
5/16	30	3294	3641
7/16	30, 40	3610	4118
1/2	45, 50, 60, 70, 80	3819	4312
5/8	50, 60, 70, 80	4255	4795

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

## HSS DOUBLE ANGLE CUTTERS BS : 122 (PART 1) : 1953

★ Angle in degrees

DIA INCH	BORE INCH	WIDTH INCH	PRICE (Rs) EACH
2.3/4	1	5/8	3819
3	1.1/4	3/4	4795

★ Angle required to be specified at the time of order.

## HSS EQUAL ANGLE CUTTER - BS : 122 (PART 1) : 1953

WIDTH OF CUTTER INCH	INCLUDED ANGLE IN DEGREES	DIAMETER OF CUTTER	
		2.3/4"	3"
		PRICE (Rs) EACH	
5/16	30, 40	3294	3641
7/16	30, 40	3446	3819
1/2	45, 60, 90	3446	3819
5/8	60, 90	3819	4181



### HSS EQUAL ANGLE CUTTERS - IS : 6326

DIA MM	BORE MM	WIDTH MM	ANGLE DEGREES	PRICE (Rs) EACH
56	16	10	45	2923
63	22	12		3294
80	22	16		4181
100	27	18		6078
56	16	12	60	3057
63	22	16		3641
80	22	20		4539
100	27	25		7111
56	16	14	90	3294
63	22	18		3819
80	22	22		4934
100	27	28		7707

### HSS DOUBLE (Unequal) ANGLE CUTTER - IS 6325

DIA MM	BORE MM	WIDTH MM	ANGLE DEGREES	PRICE (Rs) EACH
50	16	12	55 X 12	2923
			60 X 15	2923
			65 X 15	2923
			70 X 15	2923
			75 X 15	2923
			80 X 15	2923
50	16	14	90 X 20	3187
50	16	16	100 X 25	3446
63	22	18	55 X 12	4001
			60 X 15	4001
			63 X 15	4001
			70 X 15	4001
			75 X 15	4001
			80 X 15	4001
63	22	20	90 X 20	4190
63	22	22	100 X 25	4530
80	22	32	65 X 15	6187
			70 X 15	6187
			75 X 15	6187
100	27	36	70 X 15	9283
			75 X 15	9283
			80 X 15	9283

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 20 NOS. PER SIZE WHICHEVER IS HIGHER.



### HSS CONVEX CUTTERS IS : 6323 : 1982

DIA MM	BORE MM	WIDTH MM	RADIUS MM	PRICE (Rs) EACH
50	22	3	1.6	3509
50	22	4	2	3509
56	22	5	2.5	4154
56	22	6	3	4154
63	22	8	4	4409
63	22	10	5	4859
70	22	12	6	5238
70	22	16	8	5766
90	27	18	9	7707
90	27	20	10	8115
90	27	22	11	8944
90	27	24	12	9584
100	27	28	14	12223
110	32	32	16	15459
110	32	36	18	20407
125	40	40	20	22631

### HSS CONCAVE CUTTERS IS : 6322 : 1982

DIA MM	BORE MM	WIDTH MM	RADIUS MM	PRICE (Rs) EACH
56	22	8	1.6	4409
56	22	9	2	4633
56	22	10	2.5	4766
63	22	12	3	5178
63	22	16	4	5327
63	22	20	5	6250
70	22	24	6	7450
70	22	28	7	7818
80	27	32	8	10219
90	27	36	9	12212
90	27	40	10	13549
100	27	42	11	15801
100	27	44	12	16333
100	27	46	12.5	16651
100	27	50	14	18323
110	32	56	16	25222
125	32	62	18	34360
125	32	70	20	36176

### HSS CONVEX / CONCAVE CUTTERS : BS : 122 (PART 1) : 1953

DIA OF CUTTER INCH	DIA OF CURCLE INCH	DIA OF BORE INCH	CONVEX CUTTER		CONCAVE CUTTER	
			WIDTH OF CONVEX CUTTER INCH	PRICE (Rs) EACH	WIDTH OF CONCAVE CUTTER INCH	PRICE (Rs) EACH
2.1/4	1/8	1	1/8	3734	5/16	4409
	3/16		3/16	3982	3/8	4571
	1/4		1/4	4161	1/2	4871
2.1/2	5/16	1	5/16	4409	5/8	5336
	3/8		3/8	4698	3/4	5786
	7/16		7/16	4868	7/8	6250
	1/2		1/2	5242	1	6665
2.3/4	9/16	1	9/16	5336	1.3/16	7818
	5/8		5/8	5793	1.3/16	8017
3	11/16	1	11/16	6426	1.3/8	9577
	3/4		3/4	6736	1.3/8	9726
3.1/4	13/16	1	13/16	7621	1.9/16	11638
	7/8		7/8	8115	1.9/16	11834
3.1/2	15/16	1	15/16	9090	1.3/4	13847
	1		1	9507	1.3/4	14044
4	1.1/8	1.1/4	1.1/8	12223	1.15/16	17169
	1.1/4		1.1/4	13453	2.1/8	18323
4.1/4	1.3/8	1.1/4	1.3/8	18516	2.5/16	24145
	1.1/2		1.1/2	20030	2.1/2	27669

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.



### HSS SINGLE / DOUBLE CORNER ROUNDING CUTTERS BS : 122 (PART 1) : 1953

DIA OF CUTTER  INCH	CORNER RADIUS  INCH	DIA OF BORE  INCH	SINGLE CUTTER		DOUBLE CUTTER	
			WIDTH OF CUTTER INCH	PRICE (Rs) EACH	WIDTH OF CUTTER INCH	PRICE (Rs) EACH
2.1/4	1/16	1	5/16	3912	7/16	5530
	3/32		5/16	3912	7/16	5530
	1/8		5/16	3912	7/16	5530
2.1/2	5/32	1	7/16	4409	5/8	6220
	3/16		7/16	4409	5/8	6220
	7/32		1/2	4660	3/4	6665
	1/4		1/2	4660	3/4	6665
2.3/4	9/32	1	5/8	5467	15/16	7931
	5/16		5/8	5467	15/16	7931
3	11/32	1	11/16	6479	1.1/16	9235
	3/8		11/16	6479	1.1/16	9235
3.1/4	13/32	1	3/4	7337	1.3/16	10603
	7/16		3/4	7337	1.3/16	10603
3.1/2	15/32	1	7/8	8721	1.3/8	12802
	1/2		7/8	8721	1.3/8	12802
	9/16		1	9602	1.5/8	14320
	5/8		1	9602	1.5/8	14320
3.3/4	11/16	1	1.1/8	14125	1.7/8	20232
	3/4		1.1/8	14125	1.7/8	20232

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF  
Rs. 35,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

### HSS SINGLE CORNER ROUNDING CUTTERS IS : 6314 - 1982

DIA MM	BORE MM	WIDTH MM	RADIUS MM	PRICE (Rs) EACH
56	22	4	1.6	3734
56	22	5	2.5	3734
63	22	6	3	4312
63	22	8	4	4512
63	22	10	5	4808
70	22	12	6	5142
70	22	14	7	5402
80	27	16	8	6696
90	27	18	9	8084
90	27	20	10	8782
100	27	22	12	14239
100	27	22	12.5	14239
100	27	25	14	15082
110	32	28	16	16205
125	32	31	18	20723
125	32	35	20	22033

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF  
Rs. 35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.



## HSS PARALLEL SHANK END MILL IS : 6353 (STANDARD SERIES)

DIA MM	PRICE (Rs.) EACH	IS : 6353 - 1971		IS : 6353 - 1991	
		CEL (MM)	OAL (MM)	CEL (MM)	OAL (MM)
3 ★	582	10	42	8 ★	40
3.5	582	-	-	10	42
4 ★	582	11	43	11 ★	43
5 ★	582	13	47	13 ★	47
6 ★	650	16	52	13 ★	57
7 ★	731	-	-	16 ★	60
8 ★	731	-	-	19 ★	63
9 ★	731	-	-	19 ★	69
10 ★	731	22	67	22 ★	72
11 ★	731	22	67	22 ★	79
12 ★	755	26	76	26 ★	83
13	854	26	76	26	83
14	936	26	76	26 ★	83
16 ★	1094	32	88	32 ★	92
17	1195	32	88	32	92
18 ★	1329	32	88	32 ★	92
19	1329	32	88	32	92
20 ★	1470	38	101	38 ★	104
21	1650	38	101	38	104
22 ★	1668	38	101	38 ★	104
24	1809	38	101	45	121
25 ★	1945	45	116	45 ★	121
26	2017	45	116	45	121
27	2373	45	116	45	121
28	2768	45	116	45	121
29	2768	45	116	45	121
30 ★	3046	45	116	45 ★	121
32 ★	3323	63	140	53 ★	133
33	3681	63	140	53	133
35	4013	70	160	53	133
36	4375	70	160	53	133
37	4715	70	160	53	133
38	5026	70	160	63	155
39	5331	70	160	63	155
40	5662	70	160	63	155
41	5662	70	160	63	155
43	6445	80	180	63	155
45	7220	80	180	63	155
46	7220	90	200	63	155
49	7942	90	200	75	177
50	8737	90	200	75	177
51	8737	90	200	75	177
53	10755	90	200	75	177
54	12742	100	220	75	177
56	15322	100	220	75	177
57	17820	100	220	75	177
59	17820	100	220	75	177
61	19026	110	250	90	192
63	19806	110	250	90	192

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT MOQ OR 3 NOS. PER SIZE. WHICHEVER IS HIGHER.

### IMPORTANT NOTES :

- For non-listed intermediates sizes, the higher price of the nearest listed size will be applicable.
- LH End Mill Dia 17 mm & above on special request - **25 % extra**
- Long series End Mills, if required, can be supplied at **30 % extra** subject to the order value being minimum **Rs. 35,000/- NETT**, per size or minimum 3 Nos. per size whichever is higher.



## HSS TAPER SHANK END MILLS IS : 6354 (STANDARD SERIES)

DIA MM	PRICE (Rs) EACH	IS:6354-1971 TANGED END		IS:6354-1991 TAPPED END		MT No.
		CEL (MM)	OAL (MM)	CEL (MM)	OAL (MM)	
6	968	16	90	13	83	1
7	968	-	-	16	86	1
8	968	19	93	19	89	1
9	1048	-	-	19	89	1
10	1048	22	96	22	92	1
11	1152	-	-	22	92	1
12	1152	26	100	26	96	1
12★	1504	26	118	26	111	1
14	1591	26	100	26	96	2
14★	1694	26	118	26	111	1
16	1695	32	124	32	117	2
18	2070	32	124	32	117	2
20	2390	38	130	38	123	2
20★	2612	38	150	38	140	3
22	2508	38	130	38	123	2
22★	2736	-	-	38	140	3
25	2955	45	157	45	147	3
26	3680	45	157	45	147	3
28	4115	45	157	45	147	3
30	4526	53	165	45	147	3
32	4805	53	165	53	155	3
32★	4805	53	183	53	178	4
33	5810	53	165	53	155	3
33★	6372	-	-	53	178	4
35	6372	53	165	53	155	3
35★	6372	-	-	53	178	4
36	6924	70	210	53	155	3
36★	7554	-	-	53	178	4
38	7616	63	203	63	188	4
38★	8855	-	-	63	221	5
40	8855	63	203	63	188	4
40★	8855	63	203	63	221	5
41	8855	63	203	63	188	4
41★	9735	-	-	63	221	5
43	9735	63	203	63	188	4
43★	9735	-	-	63	221	5
44	10172	63	203	63	188	4
44★	10172	-	-	63	221	5
45	10939	63	203	63	188	4
45★	10939	-	-	63	221	5
46	11196	63	203	63	188	4
46★	11597	-	-	63	221	5
48	11597	63	203	75	200	4
48★	13041	-	-	75	233	5
50	13041	75	215	75	200	4
50★	13041	75	250	75	233	5
51	13041	75	250	75	200	4
51★	18273	-	-	75	233	5
53	18274	75	250	75	200	4
53★	23092	-	-	75	233	5
56	23090	75	250	75	200	4
56★	23090	-	-	75	233	5
60	24234	-	-	75	200	4
60★	24234	75	250	75	233	5
63	29057	90	265	90	248	5

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.

★ These sizes will be supplied with the smaller MT Shank unless otherwise specified.

### IMPORTANT NOTES :

THE FOLLOWING IF REQUIRED, CAN BE SUPPLIED SUBJECT TO THE ORDER VALUE BEING Rs. 35,000/- NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.

- Standard Series Type 'B' Tapped End as per IS:6354 - 1971 at the same rate.
- Long Series End Mill, Tanged End or Tapped End if required can be supplied at 30 % extra subject to the order value being minimum Rs. 35,000/- per size or minimum 3 Nos. each whichever is higher.
- For non-listed intermediates sizes, the higher price of the nearest listed size will be applicable subject to order value being minimum Rs.35.00/- per size or minimum 3 Nos. each whichever is higher.
- Left Hand Cutter at **25 % extra.**  
Dia 6.0 mm to 12.0 mm in Tapped End & Tanged End Not Possible



**HSS END MILLS  
BS : 122 ( PART 1) 1953**

DIA INCH	PARALLEL SHANK PRICE (Rs.) EACH	TAPER SHANK PRICE (Rs.) EACH
1/8	582	904
5/32	582	904
3/16	582	904
7/32	582	904
<b>1/4 ★</b>	<b>650 ★</b>	<b>904</b>
9/32	731	925
<b>5/16 ★</b>	<b>731 ★</b>	<b>925</b>
<b>3/8 ★</b>	<b>731 ★</b>	<b>1006</b>
7/16	731	1020
<b>1/2 ★</b>	<b>755 ★</b>	<b>1152</b>
9/16	936	1591
<b>5/8 ★</b>	<b>1094 ★</b>	<b>1695</b>
11/16	1223	1912
<b>3/4 ★</b>	<b>1329 ★</b>	<b>2018</b>
13/16	1470	2293
7/8	1668	2511
15/16	-	2726
<b>1 ★</b>	<b>1945 ★</b>	<b>2932</b>
1.1/8	2768	4089
1.1/4	3323	4805
1.3/8	4013	6372
1.1/2	4698	7616
1.5/8	5662	8855
1.3/4	7220	10172
1.7/8	7961	11597
2	8718	13041
2.1/16	10755	-
2.1/8	12742	18073
2.3/16	15322	-
2.1/4	16577	23088
2.5/16	17820	-
2.3/8	19026	25196
2.1/2	21452	29057

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT MOQ OR 3 NOS. PER SIZE. WHICHEVER IS HIGHER.

**IMPORTANT NOTES :**

1. Taper Shank End Mills with Tapped End for size 9/16" and over, if required, can be supplied at the same rate as the Tanged End.
2. Intermediate sizes (non-listed) price of the next larger listed size.
3. Left Hand Cutter at 25 % extra.  
in case of Taper Shank End Mill Dia 11/16" & above with MOQ.



## HSS PARALLEL SHANK SLOT MILLING CUTTERS IS : 6352 (SHORT SERIES)

DIA MM	PRICE (Rs) EACH	IS:6352-1971		IS:6352-1991	
		CEL (MM)	OAL (MM)	CEL (MM)	OAL (MM)
3	705	6	40	5	37
3.5	705	6	40	6	38
4	705	6	40	7	39
5	705	8	45	8	42
6 ★	755	8	45	8 ★	52
7	755	10	50	10	54
8 ★	755	10	50	11 ★	55
9	755	10	50	11	61
10	784	12	56	13	63
11	784	12	56	13	70
12	855	16	63	16	73
14	1094	16	63	16	73
16	1231	18	70	19	79
18	1515	18	70	19	79
20	1515	20	80	22	88
22	1766	22	90	22	88
25	2096	25	100	26	102
28	3473	25	100	26	102
32	3638	28	110	32	112
35	4375	32	118	32	112
36	4698	32	118	32	112
38	5067	36	125	38	130
40	5423	36	125	38	130
41	6133	-	-	38	130
42	6133	-	-	38	130
43	6819	-	-	38	130
44	6819	-	-	38	130
45	6819	-	-	38	130
46	7572	-	-	38	130
47	7572	-	-	38	130
48	7572	-	-	45	147
49	8303	-	-	45	147
50	8303	-	-	45	147

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT MOQ OR 5 NOS. PER SIZE. WHICHEVER IS HIGHER.

IS : 6352 - 1971 1) TYPE 'A' - FLATE FACE HELICAL FLUTED  
IS : 6352 - 1991 1) TYPE 'A' - FLATE FACE HELICAL FLUTED

### IMPORTANT NOTES :

1. Type 'A' will be supplied unless otherwise specified.
2. Other Type if required can be supplied at the same rate.
3. Left Hand Cutter at 25 % extra.
4. Standard Series Slot Milling Cutter if required can be supplied a 30 % extra, subject to the order value being minimum Rs. 35,000/- NETT. Or 5 Nos. per size whichever is higher.





## HSS TAPER SHANK SLOT MILLING CUTTERS IS : 6388 (SHORT SERIES)

DIA MM	PRICE (Rs.) EACH	IS : 6388 - 1971			IS : 6388 - 1991		MT NO.
		CEL MM	(TANGED END)	(TAPPED END)	(TAPPED END)		
			OAL MM	OAL MM	CEL MM	OAL MM	
6	1078	-	-	-	8	78	1
7	1078	16	90	-	10	80	1
8	1185	16	90	-	11	81	1
9	1185	16	90	-	11	81	1
10	1211	16	90	-	13	83	1
11	1211	16	90	-	13	83	1
12	1352	16	90	-	16	86	1
12★	1582	-	-	-	16	101	2
14	1695	16	90	-	16	86	1
14★	1760	-	-	-	16	101	2
16	1760	18	110	100	19	104	2
18	2018	18	110	100	19	104	2
20	2018	20	114	104	22	107	2
20★	2495	20	-	-	22	124	3
22	2507	22	118	108	22	107	2
22★	2987	-	-	-	22	124	3
25	2985	25	143	130	26	128	3
26	4119	25	143	130	26	128	3
28	4364	25	143	130	26	128	3
32	5232	28	148	135	32	134	3
32★	6306	-	-	-	32	157	4
35	6779	32	179	164	32	134	3
35★	7849	-	-	-	32	157	4
36	7905	32	179	164	32	134	3
36★	7905	-	-	-	32	157	4
38	7905	36	186	171	38	163	4
38★	10883	-	-	-	38	196	5
40	9023	36	186	171	38	163	4
40★	12007	-	-	-	38	196	5

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

★ These sizes will be supplied with the smaller MT Shank unless otherwise specified.

IS : 6352 - 1971 1) TYPE 'A' & 'D' - FLATE FACE HELICAL FLUTED  
2) TYPE 'B' & 'F' - FLATE FACE STRIGHT FLUTED

IS : 6352 - 1991 1) TYPE 'D' - FLATE FACE HELICAL FLUTED

### IMPORTANT NOTES :

1. Type 'A' (IS:6388 - 1971) and Type 'D' (IS:6388 - 1991) will be supplied Unless otherwise specified.
2. Other Type if required can be supplied at the same rate.
3. For non-listed intermediates sizes, the higher price of the nearest listed size will be applicable.
4. Left Hand Cutter at 25 % extra from Dia 14.0 mm & above only.
5. Standard Series Slot Milling Cutters if required can be supplied at 30 % extra.



**HSS SLOT DRILLS**  
**BS : 122 (PART 1) : 1953**

DIA INCH	PARALLEL SHANK PRICE (Rs.) EACH	TAPER SHANK PRICE (Rs.) EACH
1/8	705	969
5/32	705	969
3/16	705	969
7/32	753	1063
1/4	755	1117
5/16	755	1185
3/8	755	1185
7/16	772	1211
1/2	855	1352
9/16	1094	1695
5/8	1231	1760
11/16	1392	1913
3/4	1515	2018
13/16	1766	2507
7/8	1766	2507
1	2096	2985
1.1/8	2984	4364
1.1/4	3638	5232
1.3/8	4375	6779
1.1/2	5067	7905
1.5/8	6272	-
1.3/4	6819	-
1.7/8	7572	-
2	8302	-

- 1) Straight flute, Flat Faced, will be supplied unless otherwise specified.  
2) Spiral Fluted, Flate faced same rate. 3) Left hand Cutter 25 % extra.

**HSS TAPER SHANK T-SLOT CUTTERS -**  
**BS : 122 (PART 1) : 1953**

NOMINAL SIZE OF BOLT INCH	DIA OF CUTTER INCH	WIDTH OF CUTTER INCH	MT SHANK NO.	TAPPED END PRICE (Rs.) EACH
1/4	37/64	1/4	2	3805
5/16	45/64	5/16	2	4291
3/8	53/64	23/64	2	4691
7/16	61/64	27/64	2	4972
1/2	1.5/64	15/32	2	6006
5/8	1.21/64	37/64	3	9723
3/4	1.33/64	11/16	3	12072
7/8	1.45/64	51/64	3	14237
1	1.61/64	29/32	4	17631
1.1/8	2.1/8	1.1/16	4	22759
1.1/4	2.5/16	1.3/16	4	27074
1.3/8	2.1/2	1.5/16	5	33417
1.1/2	2.3/4	1.7/16	5	42785

**HSS TAPER SHANK T - SLOT CUTTERS**  
**(STAGGERED TEETH) IS : 2668 : 1992**

NOMINAL OF T-SLOT MM	DIA OF CUTTER MM	WIDTH MM	PRICE (Rs.) EACH
10 ★	18	8	4736
12 ★	21	9	5175
14 ★	25	11	9948
18 ★	32	14	12455
22	40	18	16685
28	50	22	21519
36	60	28	38778
42	72	35	47059

★ These sizes will be supplied with the smaller MT Shank unless otherwise specified.

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.



### HSS WOODRUFF KEYSLOT CUTTERS - IS 2669 - 1971 (Straight Teeth Type)

DIA MM	WIDTH MM	NOM SIZE OF KEY MM	PRICE (Rs) EACH
16.5	5	5 x 6.5	1733
19.5	5	5 x 7.5	1970
	6	6 x 7.5	1970
22.5	5	5 x 9	2241
	6	6 x 9	2241
	8	8 x 9	2241
28.5	6	6 x 11	3635
	8	8 x 11	3635
	10	10 x 11	3635
32.5	7	7 x 13	4298
	8	8 x 13	4298
	10	10 x 13	4298
45.5	10	10 x 16	7301

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 10 NOS. PER SIZE WHICHEVER IS HIGHER.

### HSS CUTTER FOR WOODRUFF KEYSEATS - BS : 122 (PART 1) 1953

B. S. Cutter & KEY No.	PRICE (Rs.) EACH	B. S. Cutter & KEY No.	PRICE (Rs.) EACH	B. S. Cutter & KEY No.	PRICE (Rs.) EACH
606	2161	609	3795	1011	5466
607	2537	809	3795	1211	5466
807	2537	1009	3824	812	6175
608	3068	810	4491	1012	6175
808	3068	1010	4491	1212	6175
1008	3068	1210	4491		

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

### HSS FACE CUTTERS : (As per Table No 19 of BSS : 122 : 1938)

DIAMETER OF CUTTER INCH	OVERALL LENGTH OF CUTTER INCH	DIAMETER OF BORE INCH	PRICE (Rs.) EACH
1.3/4	1.1/4	3/4	3913
2	1.1/4	3/4	4512
2.1/2	1.1/4	3/4	5699
3	1.11/16	1.1/8	8159
4	1.3/4	1.1/8	13646
5	2	1.1/2	22954

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.



**HSS KEYWAY MILLING CUTTERS FORM RELIEVED  
IS : 6355 (STRAIGHT TEETH TYPE)**

DIA MM ( js 16)	BORE MM (H7)	WIDTH MM (d9)	PRICE (Rs) EACH
50	16	5	2552
		6	2759
		8	2927
		10	3057
63	22	6	2995
		8	3133
		10	3446
		12	3742
		14	3961
		16	4255
80	27	18	4574
		6	4190
		8	4465
		10	4766
		12	5336
		14	5766
		16	6127
100	32	18	6472
		20	6880
		6	4934
		8	5295
		10	5766
		12	6280
		14	6756
		16	7270
		18	7693
125	32	20	7862
		22	8782
		25	9381
		8	7561
		10	8270
		12	9020
		14	9941
		16	10603
		18	11488
160	40	20	12166
		22	12959
		25	14187
		32	15378
		10	13626
		12	14345
		14	15285
		16	16366
		18	17417
200	40	20	18584
		22	19788
		25	21483
		28	22683
		32	25669
		12	21097
		14	22288
		16	23703
		18	25373
20	27161		
22	29185		
25	31463		
28	34097		
32	37953		
36	41805		
40	45774		

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF  
Rs. 35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.



### HSS SLOTTING CUTTERS - BS : 122 (PART 1) : 1953 (STRAIGHT TEETH)

WIDTH OF CUTTER	DIAMETER OF CUTTER PRICE (Rs.) EACH					
	INCH	2.1/2"	3"	3.1/2"	4"	5"
1/4	2074	2371	2957	3565	5699	7363
5/16	2248	2552	3246	3982	6241	8160
3/8	2400	2745	3509	4346	6790	8948
7/16	2537	3000	3774	5062	7363	9748
1/2	2681	3152	4045	5100	7932	10561
5/8	3000	3549	4606	6375	9020	12163
3/4	3212	3867	5005	6472	9909	13488
7/8	3437	4268	5402	7450	10815	14825
1	3641	4709	5793	7672	11719	16208

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

### HSS SHELL END MILLS - IS : 6257 - 1982

DIA MM (js 16)	BORE (H7)	WIDTH (js 16)	PRICE (Rs.) EACH
40	16	32	4539
50	22	36	5520
63	27	40	7265
80	27	45	10734
100	32	50	16387
125	40	56	27476
160	50	63	51860

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.

### HSS SHELL END MILL - BS : 122 (PART 1) : 1953

DIA OF CUTTER INCH	LENGTH OF CUTTER INCH	DIA OF BORE INCH	PRICE (Rs.) EACH
1.1/4	1	1/2	3123
1.1/2	1.1/8	1/2	3819
1.3/4	1.1/4	3/4	4538
2	1.3/8	3/4	5159
2.1/4	1.1/2	1	6221
2.1/2	1.5/8	1	7236
2.3/4	1.5/8	1	8226
3	1.3/4	1.1/4	9577
3.1/2	1.7/8	1.1/4	11942
4	2.1/4	1.1/2	17562
4.1/2	2.1/4	1.1/2	21055
5	2.1/4	1.1/2	27476
5.1/2	2.1/4	2	32142
6	2.1/4	2	37070

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.



**HSS HAND AND SHORT MACHINE TAPS (COARSE PITCH) -NON  
SERIAL IS 6175: 1992 :PART I ,PART II & PART III AND HSS  
NUT TAPS - IS : 6175 - 1991 (PART V) (6H TOLERANCE)**

PRICE Rs. / EACH

NOM DIA X PITCH	PART I	PART II		PART III			NUT TAPS
	STR FLUTES	STR FLUTES	SPIRAL POINT*	SPIRAL FLUTES	STR FLUTES	SPIRAL POINT*	
M2.0x0.40	459						
M2.2x0.45	459						
M2.3x0.40	459						
M2.5x0.45	459						
M3x0.5		278 ★	351	379	304	383	447
M3.5x0.6		278	351	379	304	383	447
M4x0.7		278 ★	351	379	304	383	447
M4.5x0.75		300	370	403	322	403	452
M5x0.8		299 ★	370	403	322	403	452
M6x1.0		299 ★	370 ★	403	330	415	455
M8x1.25		354 ★	429	467	372	474	537
M10x1.5		434 ★	534	580	437	584	638
M12x1.75					677 ★	817	916
M14x2.00					961 ★	1187	1398
M16x2.00					961 ★	1187	1398
M18x2.5					1481	1783	2026
M20x2.5					1887 ★	2259	2720
M22x2.5					2022 ★	2408	2827
M24x3.0					2221 ★	2682	3068
M25x3.0					2749		
M27x3.0					3415		
M30x3.5					3824 ★		
M33x3.5					4653		
M36x4.0					6472		
M39x4.0					7596		
M42x4.5					8864		
M45x4.5					11926		
M48x5.00					12715		
M52x5.0					15963		
M56x5.5					22717		
M60x5.5					23942		
M64x6.0					25180		
M68x6.0					31421		

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ OF 3 NOS. PER SIZE. WHICHEVER IS HIGHER.

**NOTES :**

- Sizes upto M 10 will be supplied as per Part II unless otherwise specified.
- A Set Consist of Taper, Second & Bottoming.
- Serial Taps can be supplied at the same price.

**IMPORTANT NOTES : (NUT TAPS - MOQ)**

UPTO M10 (50 NOS EACH) OVER M10 - M28 (25 NOS EACH)  
OVER M28 - M35 (15 NOS EACH) OVER M35 (10 NOS EACH)



**HSS HAND AND SHORT MACHINE TAPS (FINE PITCH) - NON SERIAL IS 6175 : 1992 : (6H TOL) PART II & PART III (6H-TOL) AND HSS NUT TAPS - IS : 6175 - 1991 (PART V)**

PRICE Rs. / EACH

NOM DIA X PITCH	PART II			PART III			NUT TAPS
	STR FLUTES	SPIRAL POINT*	SPIRAL FLUTES	STR FLUTES	SPIRAL POINT*	SPIRAL FLUTES	
M3.0x0.35	411	553					
M3.5x0.35	411	553					
M4x0.5	411	500					
M4.5x0.5	403	500					
M5x0.5	403	487					
M6x0.75	407★	553	523	450	492	582	718
M7x0.75	472	553	622	472	562		912
M8x0.75							826
M8x1.0	426★	509	559	472	516	620	826
M9x1.0							826
M10x1.0	485	585	672	544	586	742	1089
M10x1.25	485★	585	672	544	586	742	1089
M12x1.0							1710
M12x1.25				790	897	1060	1710
M12x1.5				790★	897	1060	1710
M14x1.0							2551
M14x1.25				1009	1207	1455	2551
M14x1.5				975★	1207	1412	2551
M16x1.0							2551
M16x1.5				975★	1207	1417	2551
M18x1.0							3608
M18x1.5				1684★	1887	2262	3608
M18x2.0				1684	1887	2262	3608
M20x1.5				2101★	2364	2890	4625
M20x2.0				2101	2364	2890	4625
M22x1.5				2276	2589	3167	4909
M22x2.0				2276	2589	3167	4909
M24x1.5				2542★	2852	3514	5839
M24x2.0				2542	2852	3514	5839
M25x1.5				2723			6566
M25x2.0				2723			
M26x1.5				2839			
M26x2.0				2839			
M27x1.5				3813			8273
M27x2.0				3813			
M28x1.5				3813			10301
M28x2.0				3813			
M30x1.5				4290			10301
M30x2.0				4290			10301
M30x3.0				4290			
M32x1.5				4546			
M32x2.0				4546			
M33x1.5				5236			
M33x2.0				5236			11424
M33x3.0				5236			



## HSS HAND & SHORT MACHINE TAPS (FINE PITCH) NON SERIAL IS : 6175 : 1992 : PART III (6H-TOL)

PRICE Rs. / EACH

NOM DIA X PITCH	STRAIGHT FLUTES
M35x1.5	7262
M36x1.5	7262
M36x2.0	7262
M36x3.0	7262
M39x1.5	9044
M39x2.0	9044
M39x3.0	9044
M42x1.5	10018
M42x2.0	10018
M42x3.0	10018
M42x4.0	10018
M45x1.5	13941
M45x2.0	13941
M45x3.0	13941
M45x4.0	13941
M48x1.5	14479
M48x2.0	14479
M48x3.0	14479
M48x4.0	14479
M50x1.5	16026
M50x2.0	16026
M50x3.0	16026
M52x1.5	18032
M52x2.0	18032
M52x3.0	18032
M52x4.0	18032
M56x1.5	24729
M56x2.0	24729
M56x3.0	24729
M56x4.0	24729
M60x1.5	26155
M60x2.0	26155
M60x3.0	26631
M60x4.0	26631
M64x1.5	27962
M64x2.0	27962
M64x3.0	28343
M64x4.0	28343
M68x1.5	35382
M68x2.0	35382
M68x3.0	35666
M68x4.0	35666
M72x6.0	42396
M76x6.0	51748
M80x6.0	62630
M85x6.0	77087
M90x6.0	96319
M95x6.0	121231
M100x6.0	149776

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ OF 5 NOS. PER SIZE. WHICHEVER IS HIGHER.

**NOTES:**

- Sizes upto M 10 will be supplied as per Part II unless otherwise specified.
- Serial Taps can be supplied at the same price.
- A Set Consist of Taper & Bottoming.

**NOTE: (NUT TAPS - MOQ)**

UPTO M10 -	(50 NOS EACH)
OVER M10 - M28	(25 NOS EACH)
OVER M28 - M35	(15 NOS EACH)
OVER M35	(10 NOS EACH)





## HSS LONG SHANK MACHINE TAPS (COARSE PITCH) IS 6175 : 1991 : PART IV (6H - TOL)

PRICE Rs. / EACH

NOM DIA X PITCH	STR FLUTES TYPE 'A', 'C', 'D'	SPIRAL POINT TYPE 'B'	SPIRAL FLUTES TYPE 'C'
M3x0.5	609★	704	714
M4x0.7	609★	704	714
M5x0.8	440★	516	537
M6x1.0	471★	554★	583
M8x1.25	509★	609★	629
M10x1.5	646★	742★	789
M12x1.75	903★	1049★	1150
M14x2.0	1300★	1512	1741
M16x2.0	1300★	1512	1741
M18x2.5	1913	2212	2494
M20x2.5	2376	2731	2971
M22x2.5	2640	3068	2992
M24x3.0	2915	3405	3714
M27x3.0	4246		
M30x3.5	4817		
M33x3.5	5682		
M36x4.0	7657		
M39x4.0	8957		
M42x4.5	10486		
M45x4.5	13759		
M48x5.0	15418		
M52x5.0	17834		
M56x5.5	23645		
M60x5.5	27092		
M64x6.0	30563		
M68x6.0	42596		

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ OF 5 NOS. PER SIZE. WHICHEVER IS HIGHER.

### IMPORTANT NOTES :

#### MACHINE TAPS

Type 'A' - 5 Deg Taper angle with Longer taper lead

Type 'B' - 10 Deg Taper angle with Spiral point

Type 'C' - 20 Deg Taper angle with Shorter taper lead

Type 'D' - 10 Deg Taper angle without Spiral point

## HSS LONG SHANK MACH. TAPS TO DIN - 2183 BSW / UNC / BSF / UN / NF (TYPE A, B & C)

SIZE INCH	PRICE (Rs.) EACH TYPE 'A' & 'C'	PRICE (Rs.) EACH TYPE 'B'
1/8	431	504
3/16	474	539
1/4	479	571
5/16	557	646
3/8	670	843
7/16	796	943
1/2	945	1088
5/8	1385	1600
3/4	1729	2364
7/8	2771	3097
1	3473	3663
1.1/8	4627	4954
1.1/4	5580	6026
1.1/2	8695	9089
1.3/8	8695	9089
1.5/8	10388	10796
1.3/4	12066	12499
1.7/8	14741	15136
2	17425	17806



**HSS LONG SHANK MACHINE TAPS (FINE PITCH)  
IS 6175 : 1991 : PART IV : (6H -TOL)**

PRICE Rs. / EACH

NOM DIA X PITCH	STRAIGHT FLUTES TYPE 'A', 'C', 'D'	SPIRAL POINT TYPE 'B'
M3x0.35	826	887
M3.5x0.35	826	887
M4x0.5	826	887
M4.5x0.5	535	628
M5x0.5	535	628
M6x0.75	535	628
M7x0.75	613	708
M8x1.0	563	671
M10x1.0	677	784
M10x1.25	689	796
M12x1.25	980	1133
M12x1.5	980	1133
M14x1.25	1283	1517
M14x1.5	1283★	1517
M16x1.5	1256	1545
M18x1.5	2104	2554
M18x2.0	2104	2554
M20x1.5	2752★	3249
M20x2.0	2752	3249
M22x1.5	2854★	3373
M22x2.0	2854	3373
M24x1.5	3189	3762
M24x2.0	3189	3762
M25x1.5	4059	4796
M25x2.0	4059	4796
M26x1.5	4149	4898
M26x2.0	4149	4898
M27x1.5	5001	5716
M27x2.0	5001	5716
M28x1.5	5436	6199
M28x2.0	5436	6199
M30x1.5	5628	
M30x2.0	5628	
M30x3.0	5628	
M32x1.5	6181	
M32x2.0	6181	
M33x1.5	6806	
M33x2.0	6806	
M33x3.0	6806	
M35x1.5	9514	
M36x1.5	9514	
M36x2.0	9514	
M36x3.0	9514	
M39x1.5	11698	
M39x2.0	11698	
M39x3.0	11698	
M40x1.5	12507	
M40x2.0	12507	
M40x3.0	12507	
M42x1.5	12880	



**HSS LONG SHANK MACHINE TAPS (FINE PITCH)  
IS 6175 : 1991 : PART IV : (6H -TOL)**

PRICE Rs. / EACH

NOM DIA X PITCH	STRAIGHT FLUTES TYPE 'A', 'C', 'D'
M42x2.0	12880
M42x3.0	12880
M42x4.0	12880
M45x1.5	17956
M45x2.0	17956
M45x3.0	17956
M45x4.0	17956
M48x1.5	18927
M48x2.0	18927
M48x3.0	18927
M48x4.0	18927
M50x1.5	21876
M50x2.0	21876
M50x3.0	21876
M52x1.5	23398
M52x2.0	23398
M52x3.0	23398
M52x4.0	23398

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ OF 5 NOS. PER SIZE. WHICHEVER IS HIGHER.

**HSS PIPE TAPS  
NPS NPT NPSF - BS : 949 - 1969  
BSP BS : 949 - 1957  
BSPT BS : 949 PART III - 1982**

TAP SIZE	PRICE Rs. / EACH					
	PARALLEL THREAD			TAPER THREAD		
INCH	BSP	NPS	NPSF	BSPT	NPT	NPTF
1/16					601	601
1/8	464★	526	638	593★	612	729
1/4	723★	912	1125	1061	1113	1374
3/8	1066★	1122	1389	1403	1469	1664
1/2	1554★	1670	2021	2016★	2116★	2397
5/8	1759					
3/4	2385	2502	3077	3121	3165	3659
7/8	2975					
1	3749★	4176	5108	4851	4979	5692
1.1/4	5630	6582		7111	7199	8385
1.1/2	7025	8133		8721	9297	
1.3/4	10747					
2	12613	14533		15322	16101	
2.1/4	21814					
2.1/2	31474			45938	46658	
2.3/4	35125					
3	40779			60105	60594	
3.1/2	53072			79226	79362	
4	66712			99867	101714	

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ OF 5 NOS. PER SIZE WHICHEVER IS HIGHER

**IMPORTANT NOTES :**

**BSP(P), BSP(T), NPS NPT NPTS NPTF**

A set consists of 2 Taps (Taper & Plug)

we can also supply BSP (P) Taps to new

BS 949:Part - III- 1982 (G Series) at the same rate as per order.



**HSS HAND TAPS BA - BS : 949 : 1969 AND HSS NUT TAPS BA - BA : 949 :1969**

SIZE BA	PRICE (Rs) EACH		
	STRAIGHT FLUTES	SPIRAL POINT	NUT TAPS
0	342	428	698
1	342	428	698
2	291	389	606
3	291	389	606
4 ★	291★	389	606
5	291	389	670
6	322	418	743

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ OF 75 NOS. PER SIZE WHICHEVER IS HIGHER.

**HSS GROUND THREAD TAPS :  
STANDARD HAND & SHORT MACHINE TAPS :  
B.S.B.(BRITISH STANDARD BRASS) WHITWORTH FORM  
B.S.CY.(BRITISH STANDARD CYCLE) 60° THREAD FORM  
B.S. 949 - 1969**

B. S. CY SIZE INCH	TPI	PRICE (Rs) EACH	
		STR. FLUTES	SPIRAL POINTED
3/16	32	326	400
1/4	26	353	407
5/16	26	440	502
3/8	26	535	612
7/16	26	672	807
1/2	26	832	970
9/16	26	1331	1471
1	24	2641	-
1.370	24	5583	-

B. S. B SIZE INCH	TPI	PRICE (Rs) EACH	
		STR. FLUTES	SPIRAL POINTED
1/4	26	343	402
5/16	26	453	518
3/8	26	518	594
7/16	26	687	817
1/2	26	846	985
9/16	26	1321	1454
5/8	26	1321	-
3/4	26	1709	-
1	26	2632	-

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.



**HSS GROUND THREAD TAPS :  
STANDARD HAND & SHORT MACHINE TAPS :  
B.S. CON (BRITISH STANDARD CONDUIT) WHITWORTH FORM  
B.S. : 949 --1969 (ZONE - 3)**

B. S. CON SIZE INCH	TPI	PRICE (Rs) EACH	
		STR. FLUTES	SPIRAL POINTED
1/2	18	888	888
-	-	-	-
5/8	18	1358	-
3/4	16	1797	-
1	16	2804	-
1.1/4	16	4070	-
-	-	-	-
1.1/2	14	6509	-
2	14	11381	-

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000/- NET OR 10 NOS. PER SIZE WHICHEVER IS HIGHER.

PRICES FOR LPG CYLINDER 3/4 NGT TAPS :	EACH (Rs.)
3/4" - 14 NGT tap interrupted 5 flutes to our Drg.No. M22 - 531	<b>4039</b>
3/4" - 14 NGT tap interrupted 5 flutes to our Drg.No. M22 - 574	<b>4448</b>
3/4" - 14 NGT tap interrupted 5 flutes to our Drg.No. M22 - 535	<b>3861</b>
3/4" - 14 NGT tap NON-interrupted 4 flutes to our Drg.No. M22 -535	<b>3088</b>

PRICES FOR LPG CYLINDER BSGT TAPS :	EACH (Rs.)
0.715" x 14 TPI - BSGT Tap Interrupted 5 flutes to our Drg. No. SKT-012	<b>4536</b>
0.715" x 14 TPI -BSGT Tap NON-Interrupted 4 flutes to our Drg. No. SKT- 012	<b>3956</b>

**IMPORTANT NOTE :**

ALL NGT & BSGT TAPS ARE SUBJECT TO ORDER VALUE BEING MINIMUM OF Rs. 35,000/ - NETT. OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

**Prices for all TiN and TiAlN Taps will  
be given on specific request.**



## HSS HAND TAPS BSW ,BSF,UNC,UNF AND HSS NUT TAPS BS : 949 : 1969

SIZE INCH	PRICE (Rs) EACH			
	STRAIGHT FLUTES	SPIRAL POINT	SPIRAL FLUTES	NUT TAPS
1/8	292	348		
3/16	292	357		628
1/4	303 ★	364	423	712
5/16	342 ★	424	468	892
3/8	416 ★	509	581	1175
7/16	533	656	764	1457
1/2	674 ★	808	932	2024
9/16	975	1189	1434	2024
5/8	975	1189	1434	2627
11/16				2627
3/4	1469	1759	2081	3088
7/8	2026	2442	2842	4230
1	2564	2961	3399	5502
1.1/8	3471			7408
1.1/4	4173			9183
1.3/8	5387			10928
1.1/2	6468			13095
1.5/8(BSF ONLY)	7622			14738
1.3/4	8964			18421
2	12714			26252
2.1/4	18953			
2.1/2	24938			
2.3/4	31111			
3	41773			

ITEM MARKED★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ OF 75 NOS. PER SIZE. WHICHEVER IS HIGHER.

### IMPORTANT NOTES :

A Set Consist of Taper, Second & Bottoming.

## HSS NIB TAPS (CORSE PITCH) TO OUR STANDARD

NOM DIA X PITCH	STRAIGHT FLUTES PRICE (Rs.) EACH
M4x0.7	411
M5x0.8	440
M6x1.0	492
M8x1.25	513
M10x1.5	645
M12x1.75	756
M14x2.0	1313
M16x2.0	1313
M18x2.5	2060
M20x2.5	2754
1/8" BSW	439
5/32" BSW	449
3/16" BSW	449
1/4" BSW	458
5/16" BSW	513
3/8" BSW	645
7/16" BSW	906
1/2" BSW	906
9/16" BSW	1313
5/8" BSW	1313

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 30 NOS. PER SIZE WHICHEVER IS HIGHER.



**HSS - E PANTHER SERIES TAPS TO IS  
6175 - PART - II PART - IV AND DIN-371** Price (Rs.) Each

Bright / Steam Tempered	NOM DIA X PITCH	IS 6175 - PART II & DIN 371				
		SPPT	Spiral	Cast Iron	Fluteless	Fluteless Oil Grooves
	M3x0.5	479	537	399		
	M4x0.7	479	537	399	840	926
	M5x0.8	501	567	421	840	926
	M6x1.0	501	567	421	840	926
	M8x1.0	666	813	554	1165	1217
	M8x1.25	561	641	464	970	1015
	M10x1.25	803	921	671	1187	1240
	M10x1.5	692	796	576	1187	1240
	M12X1.75					
	M14X2.0					
	M16X1.5					
	M16X2.0					

  

Tin Coating	NOM DIA X PITCH	IS 6175 - PART II & DIN 371				
			M3x0.5	525	591	435
	M4x0.7	525	591	435	905	991
	M5x0.8	549	623	460	905	991
	M6x1.0	549	623	460	905	991
	M8x1.0	719	875	598	1240	1294
	M8x1.25	614	702	509	1046	1090
	M10x1.25	881	1009	734	1278	1332
	M10x1.5	760	873	631	1249	1332
	M12X1.75					
	M14X2.0					
	M16X1.5					
	M16X2.0					

  

Ticn / Ti (Al) N	NOM DIA X PITCH	IS 6175 - PART II & DIN 371				
			M3x0.5	571	644	474
	M4x0.7	571	644	474	974	1058
	M5x0.8	597	677	499	974	1058
	M6x1.0	597	677	499	974	1058
	M8x1.0	773	935	643	1316	1369
	M8x1.25	667	764	553	1122	1166
	M10x1.25	958	1098	798	1370	1423
	M10x1.5	824	948	686	1369	1423
	M12X1.75					
	M14X2.0					
	M16X1.5					
	M16X2.0					

  

Bright / Steam Tempered	NOM DIA X PITCH	IS 6175 - PART IV				
		SPPT	Spiral	Cast Iron	Fluteless	Fluteless Oil Grooves
	M6X1.0	796		664		
	M8X1.0					
	M8X1.25	847		707		
	M10X1.25					
	M10X1.5	1033		862		
	M12X1.75	1500		1236		
	M14X2.0					
	M16X1.5					
	M16X2.0					

  

Tin Coating	NOM DIA X PITCH	IS 6175 - PART IV				
			M6X1.0	873		727
	M8X1.0					
	M8X1.25	927		774		
	M10X1.25					
	M10X1.5	1130		945		
	M12X1.75	1641		1354		
	M14X2.0					
	M16X1.5					
	M16X2.0					

  

Ticn / Ti (Al) N	NOM DIA X PITCH	IS 6175 - PART IV				
			M6X1.0	948		790
	M8X1.0					
	M8X1.25	1008		841		
	M10X1.25					
	M10X1.5	1229		1028		
	M12X1.75	1784		1472		
	M14X2.0					
	M16X1.5					
	M16X2.0					

\* MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ 3 NOS. PER SIZE. WHICHEVER IS HIGHER.



**HSS - E PANTHER SERIES TAPS TO IS 6175  
PART - III, DIN-374 AND DIN-376**

Price (Rs.) Each

Bright / Steam Tempered	NOM DIA X PITCH	IS 6175 - PART III				
		SPPT	Spiral	Cast Iron	Fluteless	Fluteless Oil Grooves
	M3x0.5					
	M4x0.7					
	M5x0.8					
	M6x1.0					
	M8x1.0					
	M8x1.25					
	M10x1.25					
	M10x1.5					
	M12X1.75	1085	1251	919		2044
	M14X2.0	1477	1687	1228		2826
	M16X1.5	1484	1702	1236		3026
	M16X2.0	1477	1687	1228		3026

  

Tin Coating	NOM DIA X PITCH	IS 6175 - PART III				
		SPPT	Spiral	Cast Iron	Fluteless	Fluteless Oil Grooves
	M3x0.5					
	M4x0.7					
	M5x0.8					
	M6x1.0					
	M8x1.0					
	M8x1.25					
	M10x1.25					
	M10x1.5					
	M12X1.75	1189	1371	1007		2147
	M14X2.0	1619	1850	1347		3012
	M16X1.5	1625	2057	1354		3212
	M16X2.0	1619	1850	1347		3212

  

Ticn / Ti (Al) N	NOM DIA X PITCH	IS 6175 - PART III				
		SPPT	Spiral	Cast Iron	Fluteless	Fluteless Oil Grooves
	M3x0.5					
	M4x0.7					
	M5x0.8					
	M6x1.0					
	M8x1.0					
	M8x1.25					
	M10x1.25					
	M10x1.5					
	M12X1.75	1294	1489	1094		2312
	M14X2.0	1760	2013	1464		3197
	M16X1.5	1766	2219	1472		3397
	M16X2.0	1760	2013	1464		3397

  

Bright / Steam Tempered	NOM DIA X PITCH	DIN 374 / DIN-376				
		SPPT	Spiral	Cast Iron	Fluteless	Fluteless Oil Grooves
	M6X1.0					
	M8X1.0	847	1138	729	1346	
	M8X1.25					
	M10X1.25	1061	1298	866	1647	
	M10X1.5					
	M12X1.75	1402	1880	1155		2446
	M14X2.0	1923	2576	1584		3359
	M16X1.5	2020	2652	1660		
	M16X2.0	1923	2576	1584		3359

  

Tin Coating	NOM DIA X PITCH	DIN 374 / DIN-376				
		SPPT	Spiral	Cast Iron	Fluteless	Fluteless Oil Grooves
	M6X1.0					
	M8X1.0	922	1224	791	1443	1503
	M8X1.25					
	M10X1.25	1154	1406	942	1762	1838
	M10X1.5					
	M12X1.75	1534	2033	1265		2656
	M14X2.0	2035	2688	1697		3480
	M16X1.5	2177	2714	1797		3988
	M16X2.0	2035	2688	1697		3480

  

Ticn / Ti (Al) N	NOM DIA X PITCH	DIN 374 / DIN-376				
		SPPT	Spiral	Cast Iron	Fluteless	Fluteless Oil Grooves
	M6X1.0					
	M8X1.0	997	1310	854	1539	1599
	M8X1.25					
	M10X1.25	1246	1514	1020	1878	1953
	M10X1.5					
	M12X1.75	1667	2185	1376		2866
	M14X2.0	2147	2801	1809		3601
	M16X1.5	2356	2789	1948		4194
	M16X2.0	2147	2801	1809		3601

\* MINIMUM ORDER VALUE OF RS. 35,000/- NETT OR MOQ 3 NOS. PER SIZE. WHICHEVER IS HIGHER.





**MASONRY DRILLS - CARBIDE TIPPED  
(GROUND FLUTED & BRIGHT PLATED)  
TO OUR STANDARD**

SIZE		FLUTE LENGTH	OVER ALL LENGTH	PRICE (Rs) EACH	
MM	INCH			Standard	Deluxe
3	1/8 ★	40	76	54	61
4	5/32	45	85	65	73
5	3/16 ★	45	87	73	80
5.5	7/32 ★	45	87	87	96
6	15/64	60	107	96	106
6.5	1/4 ★	60	107	87	96
7	9/32	60	107	169	184
8	5/16	80	120	148	164
9	11/32	80	120	196	216
10	3/8 ★	80	120	174	192
11	7/16	115	160	245	270
12	15/32	115	160	217	240
13	1/2	115	160	217	240

ITEMS MARKED ★ ARE EX-STOCK.

**HSS TOOL BITS (BLANKS)**

SQUARE	HSS TOOL BITS (BLANKS) PRICE (Rs.) EACH			
SIZE IN INCH	CORRESPONDING SIZE MM	TB20	TB50	TB51
3/16 x 3	5 x 75	113	291	
3/16 x 4	5 x 100	148	426	
3/16 x 6	5 x 150	230	904	
1/4 x 3	6 x 75	129	390	
1/4 x 4	6 x 100	150	520★	
1/4 x 6	6 x 150	217★	845★	
1/4 x 8	6 x 200	311	1443	
5/16 x 3	8 x 75	143	503	
5/16 x 4	8 x 100	183	687	
5/16 x 6	8 x 150	308	1108★	
5/16 x 8	8 x 200	391	1575	
3/8 x 3		179★	591	628
3/8 x 4		217★	783★	845
3/8 x 6		338★	1261★	1335
3/8 x 8		462★	1803★	1910
3/8 x 10		595	2384	
	10 x 75	199	652	
	10 x 100	237	876	
	10 x 150	367	1372	
	10 x 200	511	1929	
	10 x 250	648	2547	
1/2 x 3	12 x 75	269	968	
1/2 x 4	12 x 100	338	1263★	1342
1/2 x 6	12 x 150	518	1991★	2075
1/2 x 8	12 x 200	682	2779	2893
1/2 x 10	12 x 250	1036	3829	
5/8 x 4	16 x 100	536	2027	
5/8 x 6	16 x 150	792	3127	3301
5/8 x 8	16 x 200	1073	4390	
3/4 x 4		743	2930	
3/4 x 6		1087	4309	4584
3/4 x 8		1485	5908	
	20 x 100	811	3209	
	20 x 150	1183	4808	
	20 x 200	1618	6404	
1 x 6	25 x 150	1831	7229	
1 x 8	25 x 200	2489	9614	

ITEMS MARKED ★ ARE EX-STOCK.

Prices of HSS M35 (5% Cobalt) and HSS M42 (8% Cobalt) will be given on only request.

1. Items marked ★ are Ex-Stock, other sizes against specific orders.
2. Quantity to be ordered in multiple of 10 only for sizes upto and including 1/2" square.