



## PRICE LIST - 717

**Birla Precision Technologies Ltd.**  
**INDIAN TOOL**  
**MANUFACTURERS**  
(DIVISION)

**TWIST DRILL**

**REAMERS**

**MILLING CUTTERS**

**GROUND THREAD TAPS**

**MASONRY DRILLS**

**TOOL BITS**

**HIGH PERFORMANCE DRILLS**  
(HSS TAPER SHANK GROUND FLUTED)

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Prices are Exclusive of ALL TAXES.  
(This Price List is effective from 01/7/2017  
& supersedes all previous issues)



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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			1030	2.90			391
0.40			894	2.95		32	391
0.50			649	3.00			391
0.60			649	3.05		31	466
0.70			649	3.10			466
0.80			543	3.17	1/8		466
0.90			517	3.20			482
1.00			331	3.26		30	482
1.02		60	331	3.30			482
1.04		59	331	3.40			482
1.07		58	331	3.45		29	482
1.09		57	331	3.50			482
1.10			331	3.57	9/64	28	482
1.18		56	331	3.60			681
1.19	3/64		331	3.66		27	681
1.20			331	3.70			681
1.30			331	3.73		26	681
1.32		55	331	3.80		25	681
1.40		54	331	3.86		24	681
1.50			331	3.90			681
1.51		53	331	3.91		23	681
1.59	1/16		331	3.97	5/32		681
1.60			331	3.99		22	681
1.61		52	356	4.00			681
1.70		51	356	4.04		21	826
1.78		50	356	4.09		20	826
1.80			356	4.10			826
1.85		49	356	4.20			826
1.90			356	4.22		19	826
1.93		48	356	4.30		18	826
1.98	5/64		356	4.37	11/64		826
1.99		47	356	4.39		17	826
2.00			356	4.40			826
2.06		46	356	4.50		16	1084
2.08		45	356	4.57		15	1084
2.10			356	4.60			1084
2.18		44	356	4.62		14	1084
2.20			356	4.70		13	1084
2.26		43	356	4.76	3/16		1084
2.30			356	4.80		12	1084
2.37		42	356	4.85		11	1178
2.38	3/32		356	4.90			1178
2.40			356	4.92		10	1178
2.44		41	356	4.98		9	1178
2.49		40	356	5.00			1178
2.50			356	5.06		8	1178
2.53		39	356	5.10			1178
2.58		38	356	5.11		7	1178
2.60			356	5.16	13/64		1178
2.64		37	356	5.18		6	1178
2.70			356	5.20			1178
2.71		36	356	5.22		5	1271
2.78	7/64		356	5.30			1271
2.79		35	391	5.31		4	1271
2.80			391	5.40			1271
2.82		34	391				
2.87		33	391				



### 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	1271	8.60			3304
5.50			1271	8.61		R	3304
5.56	7/32		1271	8.70			3304
5.60			1271	8.73	11/32		3480
5.61		2	1429	8.80			3480
5.70			1429	8.84		S	3480
5.79		1	1429	8.90			3480
5.80			1429	9.00			3480
5.90			1429	9.09		T	3630
5.94		A	1429	9.10			3630
5.95	15/64		1429	9.13	23/64		3630
6.00			1429	9.20			3630
6.04		B	1556	9.30			3630
6.10			1556	9.34		U	3630
6.15		C	1556	9.40			3630
6.20			1556	9.50			3630
6.25		D	1556	9.52	3/8		4116
6.30			1556	9.58		V	4116
6.35	1/4	E	1556	9.60			4116
6.40			1556	9.70			4116
6.50			1985	9.80		W	4116
6.53		F	1985	9.90			4606
6.60			1985	9.92	25/64		4606
6.63		G	1985	10.00			4606
6.70			1985	10.08		X	4606
6.75	17/64	H	1985	10.10			4606
6.80			1985	10.20			4606
6.90		I	2173	10.26		Y	4992
7.00			2173	10.30			4992
7.03		J	2173	10.32	13/32		4992
7.10			2173	10.40			4992
7.14	9/32	K	2173	10.49		Z	4992
7.20			2173	10.50			4992
7.30			2294	10.60			4992
7.37		L	2294	10.70			5285
7.40			2294	10.72	27/64		5285
7.49		M	2294	10.80			5285
7.50			2294	10.90			5285
7.54	19/64		2483	11.00			5285
7.60			2483	11.10			5899
7.67		N	2483	11.11	7/16		5899
7.70			2483	11.20			5899
7.80			2483	11.30			5899
7.90			2483	11.40			5899
7.94	5/16		2726	11.50			6222
8.00			2726	11.51	29/64		6222
8.03		O	2726	11.60			6222
8.10			2726	11.70			6222
8.20		P	2726	11.80			6222
8.30			3304	11.90			6646
8.33	21/64		3304	11.91	15/32		6646
8.40			3304	12.00			6646
8.43		Q	3304	12.10			6646
8.50			3304	12.20			6646



### 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	7049	14.29	9/16	11218
12.40		7049	14.50		11218
12.50		7049	14.68	37/64	12087
12.60		7049	14.75		12087
12.70	1/2	7442	15.00		12087
12.80		7442	15.08	19/32	12087
12.90		7442	15.25		12087
13.00		7442	15.48	39/64	13096
13.10	33/64	9257	15.50		13096
13.20		9257	15.75		13096
13.30		9257	15.87	5/8	13096
13.40		9257	16.00		13096
13.49	17/32	9854	17.00		13853
13.50		9854	17.46	11/16	13853
13.60		9854	18.00		14990
13.70		9854	19.00		15855
13.80		9854	19.05	3/4	15855
13.89	35/64	10692	20.00		18940
13.90		10692	21.00		18940
14.00		10692	22.00		21237
14.25		10692	22.22	7/8	21237

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 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 can be supplied from
 

Sizes (3.0 mm) 1/8"	<b>25% extra</b>
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- (c) Jobbers with tenon
 

	<b>10% extra</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		347	9.20		3291
1.19	3/64	347	9.50		3291
1.20		347	9.52	3/8	3440
1.50		347	9.80		3440
1.59	1/16	347	9.92	25/64	4209
1.80		347	10.00		4209
1.98	5/64	347	10.20		4209
2.00		347	10.32	13/32	4531
2.20		347	10.50		4531
2.38	3/32	347	10.72	27/64	5102
2.50		347	10.80		5102
2.78	7/64	347	11.00		5102
2.80		374	11.11	7/16	5314
3.00		391	11.20		5314
3.17	1/8	453	11.50		5684
3.20		476	11.51	29/64	5684
3.50		476	11.80		5684
3.57	9/64	476	11.91	15/32	6015
3.80		659	12.00		6015
3.97	5/32	659	12.20		6015
4.00		659	12.30	31/64	6537
4.20		732	12.50		6537
4.37	11/64	732	12.70	1/2	6678
4.50		970	12.80		6678
4.76	3/16	970	13.00		6678
4.80		970	13.20		7819
5.00		1031	13.49	17/32	7819
5.16	13/16	1031	13.50		8332
5.20		1031	13.80		8332
5.50		1120	14.00		9072
5.56	7/32	1120	14.25		9072
5.80		1261	14.29	9/16	9072
5.95	15/64	1261	14.50		9449
6.00		1261	14.75		10217
6.20		1411	15.00		10217
6.35	1/4	1411	15.08	19/32	10217
6.50		1737	15.25		10217
6.75	17/64	1737	15.50		11060
6.80		1737	15.75		11060
7.00		1905	15.87	5/8	11060
7.14	9/32	1905	16.00		11060
7.20		1905	16.25		11236
7.50		1979	16.50		11236
7.54	19/64	2173	16.67	21/32	11236
7.80		2173	16.75		11463
7.94	5/16	2391	17.00		11463
8.00		2391	17.25		11671
8.20		2391	17.46	11/16	11671
8.33	21/64	2987	17.50		11671
8.50		2987	17.75		11830
8.73	11/32	3116	18.00		11830
8.80		3116	18.25		12040
9.00		3116	18.26	23/32	12040
9.13	23/64	3291	18.50		12040



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

SIZE		PRICE	SIZE		PRICE
MM	INCH	(Rs.) 10 Nos.	MM	INCH	(Rs.) 10 Nos.
18.75		12255	27.00		24418
19.00		12255	27.50		24418
19.05	3/4	12255	27.78	1.3/32	25842
19.25		12462	28.00		25842
19.50		12462	28.50		26038
19.75		12462	28.57	1.1/8	26038
19.84	25/32	12462	29.00		27324
20.00		12676	29.37	1.5/32	30079
20.25		12939	29.50		30079
20.50		12939	30.00		30481
20.64	13/16	12939	30.16	1.3/16	30481
20.75		13458	30.50		34301
21.00		13458	30.96	1.7/32	34301
21.25		13621	31.00		34301
21.43	27/32	13621	31.50		34816
21.50		14079	31.75	1.1/4	34816
21.75		14261	32.00		35565
22.00		14261	32.50		36679
22.22	7/8	14261	32.54	1.9/32	36679
22.25		15168	33.00		36679
22.50		15168	33.34	1.5/16	36679
22.75		15379	33.50		38583
23.00		15379	34.00		38583
23.02	29/32	15379	34.13	1.11/32	42344
23.25		16262	34.50		42344
23.50		16262	34.92	1.3/8	42344
23.75		16262	35.00		46560
23.81	15/16	16262	35.50		47223
24.00		17996	35.72	1.13/32	47223
24.25		17996	36.00		47223
24.50		17996	36.50		47223
24.61	31/32	17996	36.51	1.7/16	47223
24.75		19741	37.00		50764
25.00		19741	37.31	1.15/32	51524
25.25		19838	37.50		51524
25.40	1	19838	38.00		51524
25.50		22389	38.10	1.1/2	51524
26.00		22389	38.50		57533
26.19	1.1/32	22906	39.00		57533
26.50		22906	39.50		58524
26.99	1.1/16	23172	40.00		58524

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		391	5.30		389
0.70		364	5.40		389
0.80		327	5.50		389
1.00		208	5.56	7/32	389
1.10		208	5.60		423
1.19	3/64	208	5.70		423
1.20		208	5.80		423
1.30		208	5.90		423
1.40		208	5.95	15/64	423
1.50		208	6.00		423
1.59	1/16	208	6.10		483
1.60		208	6.20		483
1.70		208	6.30		483
1.80		208	6.35	1/4	440
1.90		208	6.40		615
1.98	5/64	208	6.50		615
2.00		208	6.60		741
2.10		208	6.70		741
2.20		208	6.75	17/64	741
2.30		265	6.80		741
2.38	3/32	265	6.90		741
2.40		265	7.00		741
2.50		265	7.10		741
2.60		265	7.14	9/32	741
2.70		265	7.20		741
2.78	7/64	265	7.30		741
2.80		265	7.40		741
2.90		265	7.50		741
3.00		267	7.54	19/64	741
3.10		267	7.60		741
3.17	1/8	267	7.70		741
3.20		267	7.80		741
3.30		267	7.90		764
3.40		267	7.94	5/16	764
3.50		267	8.00		764
3.57	9/64	267	8.10		764
3.60		288	8.20		764
3.70		288	8.30		764
3.80		288	8.33	21/64	764
3.90		288	8.40		764
3.97	5/32	288	8.50		770
4.00		288	8.60		809
4.10		288	8.70		809
4.20		288	8.73	11/32	809
4.30		288	8.80		979
4.37	11/64	288	9.00		851
4.40		288	9.13	23/64	962
4.50		288	9.20		979
4.60		288	9.50		851
4.70		288	9.52	3/8	851
4.76	3/16	288	9.80		984
4.80		288	9.92	25/64	984
4.90		339	10.00		890
5.00		339	10.20		984
5.10		339			
5.16	13/64	339			
5.20		339			



**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	890	18.65	47/64	2407
10.50		1069	18.75		2431
10.72	27/64	1214	19.00		2431
10.80		1214	19.05	3/4	2431
11.00		1118	19.25		2569
11.11	7/16	1118	19.45	49/64	2807
11.20		1299	19.50		2569
11.50		1150	19.75		2569
11.51	29/64	1299	19.84	25/32	2569
11.80		1299	20.00		2727
11.91	15/32	1150	20.24	51/64	2895
12.00		1185	20.25		2727
12.20		1321	20.30		2727
12.30	31/64	1321	20.64	13/16	2727
12.50		1184	20.75		2807
12.70	1/2	1184	21.00		2807
12.80		1815	21.03	53/64	3072
13.00		1645	21.25		2895
13.10	33/64	1828	21.43	27/32	2895
13.20		1828	21.50		3072
13.49	17/32	1677	21.75		3072
13.50		1828	21.83	55/64	3285
13.80		1990	22.00		3072
13.89	35/64	1990	22.22	7/8	3072
14.00		1828	22.25		3325
14.25		1828	22.15		3325
14.29	9/16	1828	22.62	57/64	3552
14.50		1916	22.75		3401
14.68	37/64	2109	23.00		3401
14.75		1916	23.02	29/32	3401
15.00		1916	23.25		3446
15.08	19/32	1916	23.42	59/64	4062
15.25		1990	23.50		3773
15.48	39/64	2174	23.75		3773
15.50		1990	23.81	15/16	3773
15.75		1990	24.00		3933
15.87	5/8	1990	24.21	61/64	4292
16.00		2021	24.25		3933
16.25		2021	24.50		3933
16.27	41/64	2249	24.61	31/32	3933
16.50		2060	24.75		4216
16.67	21/32	2060	25.00	63/64	4216
16.75		2109	25.25		4270
17.00		2109	25.40	1	4270
17.07	43/64	2292	25.50		5259
17.25		2109	25.75		5259
17.46	11/16	2109	25.80	1.1/64	5371
17.50		2249	26.00		5371
17.75		2249	26.19	1.1/32	5371
17.86	45/64	2487	26.25		5791
18.00		2292	26.50		5791
18.25		2292	26.59	1.3/64	5920
18.26	23/32	2292	26.75		5920
18.50		2387	26.99	1.1/16	5920



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

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
27.00		6034	29.37	1.5/32	6951
27.25		6034	29.50		7104
27.38	1.5/64	6103	29.75		7166
27.50		6103	29.77	1.11/64	7367
27.75		6103	30.00		7429
27.78	1.3/32	6103	30.16	1.3/16	7493
28.00		6665	30.25		8031
28.18	1.7/64	6754	30.50		8098
28.25		6754	30.56	1.13/64	8318
28.50		6754	30.75		8386
28.57	1.1/8	6754	30.96	1.7/32	8455
28.75		6811	31.00		9480
28.97	1.9/64	6951	31.25		9556
29.00		6951	31.35	1.15/64	9981
29.25		6951	31.50		10059

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 :

- 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"	<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>	
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		328	5.50		443
3.17	1/8	328	5.56	7/32	443
3.20		343	5.80		455
3.50		328	5.95	15/64	455
3.57	9/64	343	6.00		443
3.80		343	6.20		511
3.97	5/32	328	6.35	1/4	505
4.00		328	6.50		549
4.20		443	6.75	17/64	557
4.37	11/64	443	6.80		557
4.50		443	7.00		549
4.76	3/16	443	7.14	9/32	549
4.80		455	7.20		557
5.00		443	7.50		549
5.16	13/64	455	7.54	19/64	557
5.20		455	7.80		557



### HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
7.94	5/16	550	16.25		1873
8.00		550	16.27	41/64	1873
8.20		672	16.50		1989
8.33	21/64	707	16.67	21/32	1989
8.50		613	16.75		1989
8.73	11/32	672	17.00		1989
8.80		738	17.07	43/64	2022
9.00		672	17.25		2022
9.13	23/64	738	17.46	11/16	2022
9.20		738	17.50		2099
9.50		672	17.75		2129
9.52	3/8	672	17.86	45/64	2212
9.80		793	18.00		2212
9.92	25/64	793	18.25		2212
10.00		717	18.26	23/32	2212
10.20		806	18.50		2212
10.32	13/32	779	18.65	47/64	2238
10.50		955	18.75		2238
10.72	27/64	990	19.00		2238
10.80		990	19.05	3/4	2238
11.00		990	19.25		2351
11.11	7/16	990	19.45	49/64	2351
11.20		1023	19.50		2351
11.50		1023	19.75		2351
11.51	29/64	1023	19.84	25/32	2351
11.80		1023	20.00		2528
11.91	15/32	1023	20.24	51/64	2558
12.00		1033	20.25		2558
12.20		1033	20.50		2558
12.30	31/64	1033	20.64	13/16	2558
12.50		1033	20.75		2668
12.70	1/2	1033	21.00		2668
12.80		1437	21.03	53/64	2734
13.00		1437	21.25		2734
13.10	33/64	1500	21.43	27/32	2734
13.20		1500	21.50		2819
13.49	17/32	1500	21.75		2819
13.50		1606	21.83	55/64	2871
13.80		1606	22.00		2871
13.89	35/64	1606	22.22	7/8	2871
14.00		1606	22.25		3129
14.25		1726	22.50		3129
14.29	9/16	1726	22.62	57/64	3190
14.50		1793	22.75		3190
14.68	37/64	1793	23.00		3190
14.75		1793	23.02	29/32	3346
15.00		1793	23.25		3704
15.08	19/32	1793	23.42	59/64	3797
15.25		1819	23.50		3797
15.48	39/64	1819	23.75		3797
15.50		1819	23.81	15/16	3797
15.75		1819	24.00		3909
15.87	5/8	1819	24.21	61/64	3975
16.00		1873	24.25		3975



### HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
24.50		3975	33.73	1.21/64	9797
24.61	31/32	3975	34.00		9797
24.75		4154	34.13	1.11/32	10213
25.00	63/64	4154	34.50		10730
25.25		4209	34.58	1.23/64	10829
25.40	1	4209	34.92	1.3/8	10829
25.50		4575	35.00		10829
25.75		4575	35.32	1.25/64	11477
25.80	1.1/64	4625	35.50		11477
26.00		4625	35.72	1.13/32	11477
26.19	1.1/32	4586	36.00		11646
26.25		4955	36.12	1.27/64	11885
26.50		4955	36.50		11885
26.59	1.3/64	5069	36.51	1.7/16	11885
26.75		5069	36.91	1.29/64	11885
26.99	1.1/16	5069	37.00		12179
27.00		5235	37.31	1.15/32	12179
27.25		5235	37.50		12970
27.38	1.5/64	5252	37.70	1.31/64	13173
27.50		5252	38.00		13173
27.75		5252	38.10	1.1/2	13173
27.78	1.3/32	5252	38.15	1.33/64	13584
28.00		5743	38.89	1.17/32	13584
28.18	1.7/64	5759	39.00		14386
28.25		5759	39.29	1.35/64	14386
28.50		5759	39.50		14386
28.57	1.1/8	5759	39.69	1.9/16	14386
28.75		5933	40.00		14756
28.97	1.9/64	6030	40.08	1.37/64	14999
29.00		6030	40.48	1.19/32	14999
29.25		6030	40.50		15599
29.37	1.5/32	6030	40.88	1.39/64	15599
29.50		6054	41.00		15599
29.75		6054	41.27	1.5/8	15599
29.77	1.11/64	6180	41.50		16211
30.00		6180	41.67	1.41/64	16211
30.16	1.3/16	6526	42.00		16211
30.25		7027	42.07	1.21/32	16211
30.50		7027	42.47	1.43/64	16626
30.56	1.13/64	7141	42.50		16626
30.75		7141	42.86	1.11/16	16830
30.96	1.7/32	7141	43.00		17225
31.00		7947	43.26	1.45/64	17225
31.25		7947	43.50		17225
31.35	1.15/64	8294	43.66	1.23/32	17225
31.50		8294	44.00		17833
31.75	1.1/4	8294	44.05	1.47/64	17833
32.00		9080	44.45	1.3/4	17833
32.15	1.17/64	9080	44.50		17833
32.50		9080	44.85	1.49/64	18252
32.54	1.9/32	9080	45.00		18252
32.94	1.19/64	9297	45.24	1.23/32	18252
33.00		9297	45.50		19078
33.34	1.5/16	9297	45.64	1.51/64	19078
33.50		9617	46.00		19078



### HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
46.04	1.13/16	19078	61.12	2.13/32	54702
46.43	1.53/64	20040	61.15		54702
46.50		20040	61.91	2.7/16	54702
46.83	1.27/32	20040	62.00		54702
47.00		20040	62.50		54702
47.23	1.53/64	20459	62.71	2.15/32	55623
47.50		20459	63.00		55623
47.62	1.7/8	20459	63.50	2.1/2	55623
48.00		22310	64.00		61476
48.02	1.57/64	22310	64.29	2.17/32	61476
48.42	1.29/32	22310	65.00		61476
48.50		22473	65.09	2.9/16	61934
48.82	1.59/64	22473	65.88	2.19/32	61934
49.00		22473	66.00		61934
49.21	1.15/16	22473	66.67	2.5/8	61934
49.50		22715	67.00		63445
49.61	1.61/64	22715	67.47	2.21/32	68104
50.00		22715	68.00		68104
50.01	1.31/32	22894	68.26	2.11/16	68104
50.40	1.63/64	23922	69.00		73820
50.50		23922	69.06	2.23/32	73820
50.80	2	23922	69.85	2.3/4	73820
51.00		32480	70.00		73820
51.50		32480	70.64	2.25/32	79616
51.59	2.1/32	32480	71.00		79616
52.00		32480	71.44	2.13/16	79616
52.39	2.1/16	32480	71.50		79616
52.50		42272	72.00		81154
53.00		42272	72.23	2.27/32	81154
53.18	2.3/32	42272	73.00		81154
53.50		42272	73.02	2.7/8	81154
53.97	2.1/8	42272	73.82	2.29/32	86369
54.00		42272	74.00		86369
54.50		44406	74.61	2.15/16	86369
54.77	2.5/32	44406	75.00		87444
55.00		44406	75.41	2.31/32	87444
55.50		44406	76.00		87444
55.56	2.3/16	44406	76.20	3	87444
56.00		46273	76.99	3.1/32	119627
56.36	2.7/32	46273	77.00		119627
56.50		46273	77.79	3.1/16	119627
57.00		46273	78.00		119627
57.15	2.1/4	46273	78.58	3.3/32	122012
57.50		50498	79.00		122012
57.94	2.9/32	50498	79.37	3.1/8	125252
58.00		50498	80.00		125252
58.50		50498	80.17	3.5/32	133967
58.74	2.5/16	50498	80.96	3.3/16	133967
59.00		51464	81.00		133967
59.50		51464	81.76	3.7/32	137449
59.53	2.11/32	51464	82.00		137449
60.00		51464	82.55	3.1/4	137449
60.32	2.3/8	51464	83.00		140289
60.50		54702	83.34	3.9/32	140289
61.00		54702	84.00		140289



### HSS TAPER SHANK TWIST DRILLS IS : 5103

SIZE		PRICE (Rs.) EACH	SIZE		PRICE (Rs.) EACH
MM	INCH		MM	INCH	
84.14	3.5/16	142621	92.07	3.5/8	181530
84.99	3.11/32	142621	93.00		181530
85.00		136808	93.66	3.11/16	188396
85.72	3.3/8	162681	94.00		188396
86.00		162681	95.00		188396
86.52	3.13/32	162681	95.25	3.3/4	188396
87.00		162681	96.00		194703
87.31	3.7/16	166082	96.84	3.13/16	194703
88.00		166082	97.00		194703
88.11	3.15/32	166082	98.00		198146
88.90	3.1/2	166082	98.42	3.7/8	200974
89.00		166082	99.00		200974
90.00		169469	100.00		200974
90.49	3.9/16	175790	100.01	3.15/16	204418
91.00		175790	101.00		204418
92.00		175790	101.60	4	204418
			102.00		204418

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  

Size	MOQ	
3.00 mm to 7.00 mm	1000 Nos.	} <b>25% extra</b>
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	1098	28.57	1.1/8	6906
8.00		1101	29.00		7228
9.52	3/8	1211	29.37	1.5/32	7228
10.00		1211	30.00		7677
10.32	13/32	1211	30.16	1.3/16	7677
11.00		1212	30.96	1.7/32	7968
11.11	7/16	1212	31.00		8959
11.91	15/32	1297	31.75	1.1/4	9353
12.00		1297	32.00		10250
12.70	1/2	1370	32.54	1.9/32	10250
13.00		1853	33.00		10465
13.49	17/32	2029	33.34	1.5/16	10465
14.00		2029	34.00		11478
14.29	9/16	2088	34.13	1.11/32	11478
15.00		2178	34.92	1.3/8	12122
15.08	19/32	2178	35.00		12122
15.87	5/8	2228	35.72	1.13/32	13038
16.00		2228	36.00		13038
16.67	21/32	2348	36.51	1.7/16	13754
17.00		2348	37.00		13754
17.46	11/16	2535	37.31	1.15/32	14145
18.00		2727	38.00		15134
18.26	23/32	2727	38.10	1.1/2	15134
19.00		3116	39.00		16595
19.05	3/4	3116	39.69	1.9/16	16595
19.84	25/32	3130	40.00		16595
20.00		3130	41.00		18291
20.64	13/16	3348	41.27	1.5/8	18291
21.00		3322	42.00		18833
21.43	27/32	3539	42.07	1.21/32	18833
22.00		3539	42.86	1.11/16	19438
22.22	7/8	3755	43.00		19438
23.00		3976	44.00		20546
23.02	29/32	3976	44.45	1.3/4	20546
23.81	15/16	4339	45.00		21272
24.00		4554	45.24	1.25/32	21272
24.61	31/32	4554	46.00		22060
25.00		5269	46.04	1.13/16	22060
25.40	1	5269	47.00		22924
26.00		5687	47.62	1.7/8	24106
26.19	1.1/32	5687	48.00		24106
29.99	1.1/16	6278	49.00		25740
27.00		6278	49.21	1.15/16	25740
27.78	1.3/32	6517	50.00		27700
28.00		6905	50.80	2	30628





### 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		30894	64.00		57856
52.00		34024	65.00		57856
52.39	2.1/16	34024	65.09	2.9/16	57856
53.00		39746	66.00		60662
53.97	2.1/8	39746	66.67	2.5/8	60662
54.00		39746	67.00		63193
55.00		41660	68.00		66263
55.36	2.3/16	41660	68.26	2.11/16	66263
56.00		43424	69.00		69500
57.00		43424	69.85	2.3/4	70802
57.15	2.1/4	43424	70.00		70802
58.00		47454	71.00		72204
58.74	2.5/16	47454	71.44	2.13/16	72204
59.00		48332	72.00		75504
60.00		48332	73.00		78303
60.32	2.3/8	48332	73.02	2.7/8	78303
61.00		51508	74.00		81264
61.91	2.7/16	51508	74.61	2.15/16	81264
62.00		51508	75.00		84258
63.00		52989	76.00		88305
63.50	2.1/2	52989	76.20	3	88305

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 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	176	4	10	387
1.25	3.15	176	5	12.5	654
1.6	4	176	6.3	16	774
2	5	176	8	20	1195
2.5	6.3	203	10	25	1539
3.15	8	315			

### 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	175	5	12.5	654
2.5	6.3	203	6.3	16	774
3.15	8	315	8	20	1195
4	10	388	10	25	1539

### 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	288	4	14	1157
1.25	5	309	5	18	1654
1.6	6.3	360	6.3	20	1948
2	8	508	8	25	2521
2.5	10	649	10	31.5	2993
3.15	11.20	864			

### 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	176
BS-2	1/16	3/16	1.3/4	176
BS-3	3/32	1/4	2	203
BS-4	1/8	5/16	2.1/4	315
BS-5	3/16	7/16	2.1/2	411
BS-6	1/4	5/8	3	774
BS-7	5/16	3/4	3.1/2	1195

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	
Body Dia upto 8.0mm	- 1000 Nos.	} 35% extra
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			PRICE (Rs.) EACH	SIZE			PRICE (Rs.) EACH
MM	INCH	OAL MM		MM	INCH	OAL MM	
5.00		155	1010	12.50		215	2579
	13/64	155	1010		1/2	215	2579
5.20		155	1010	12.80		215	2579
5.50		161	1125	13.00		215	2579
	7/32	161	1125		33/64	215	2579
5.80		161	1125	13.20		215	2580
	15/64	161	1125		17/32	223	2827
6.00		161	1125	13.50		223	2827
6.20		167	1253	13.80		223	2940
	1/4	167	1252		35/64	223	2940
6.50		167	1253	14.00		223	2941
	17/64	174	1351	14.25		245	3670
6.80		174	1351		9/16	245	3670
7.00		174	1351	14.50		245	3670
	9/32	174	1351		37/64	245	3751
7.20		174	1394	14.75		245	3751
7.50		174	1394	15.00		245	3751
	19/64	181	1473		19/32	251	3836
7.80		181	1473	15.25		251	3836
	5/16	181	1473		39/64	251	3836
8.00		181	1473	15.50		251	3836
8.20		181	1503	15.75		251	3935
	21/64	181	1503		5/8	251	3935
8.50		181	1503	16.00		251	3935
	11/32	188	1629	16.25		257	4004
8.80		188	1630		41/64	257	4004
9.00		188	1630	16.50		257	4004
	23/64	188	1668		21/32	257	4089
9.20		188	1668	16.75		257	4089
9.50		188	1668	17.00		257	4089
	3/8	197	1668		43/64	263	4440
9.80		197	1894	17.25		263	4440
	25/64	197	1894		11/16	263	4440
10.00		197	1894	17.50		263	4440
10.20		197	1947	17.75		263	4451
	13/32	197	1947		45/64	263	4451
10.50		197	1947	18.00		263	4451
	27/64	206	1990	18.25		269	4521
10.80		206	1990		23/32	269	4521
11.00		206	1990	18.50		269	4521
	7/16	206	2064		47/64	269	4594
11.20		206	2064	18.75		269	4594
11.50		206	2064	19.00		269	4594
	29/64	206	2064		3/4	275	4594
11.80		206	2064	19.25		275	4719
	15/32	215	2447		49/64	275	4719
12.00		215	2447	19.50		275	4719
12.20		215	2579	19.75		275	4797
	31/64	215	2579		25/32	275	4797



**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	4797	28.25		351	12121
	51/64	282	4876	28.50		351	12121
20.25		282	4876				
20.50		282	4876		1.1/8	351	12121
	13/16	282	4967	28.75		351	12462
20.75		282	4967				
21.00		282	4967	29.00		351	12462
	53/64	282	5771	29.25		351	12807
21.25		289	5770		1.5/32	351	12807
	27/32	289	5771	29.50		351	12807
21.50		289	5770	29.75		351	13170
21.75		289	5885	30.00		351	13170
	55/64	289	5885		1.3/16	360	13170
22.00		289	5885	30.25		360	13520
	7/8	289	6285	30.50		360	13520
22.25		289	6285	30.75		360	13520
22.50		296	6285		1.7/32	360	13520
	57/64	296	6588	31.00		360	13520
22.75		296	6588	31.25		360	13618
23.00		296	6588	31.50		360	13618
	29/32	296	8048	31.75	1.1/4	369	14143
23.25		319	8048	32.00		397	16292
	59/64	319	8048	32.50		397	16995
23.50		319	8048		1.9/32	397	16995
23.75		327	8048	33.00		397	16995
	15/16	327	8048		1.5/16	397	16995
24.00		327	8048	33.50		397	17735
	61/64	327	8400	34.00		406	17735
24.25		327	8400		1.11/32	406	18510
24.50		327	8400	34.50		406	18510
	31/32	327	8706		1.3/8	406	18510
24.75		327	8706	35.00		406	18510
25.00		327	8706	35.50		406	18510
25.25		335	8706		1.13/32	416	20284
	1	335	8706	36.00		416	20284
25.50		335	8706	36.50		416	21043
25.75		335	9055		1.7/16	416	21043
26.00		335	9055	37.00		416	21043
	1.1/32	335	9316		1.15/32	416	22788
26.25		335	9316	37.50		416	22788
26.50		335	9316	38.00		426	22788
26.75		343	11041		1.1/2	426	22788
	1.1/16	343	11041	38.50		426	23536
27.00		343	11041		1.17/32	426	23536
27.25		343	11394	39.00		426	23536
27.50		343	11394	39.50		426	24468
27.75		343	11743		1.9/16	426	24468
	1.3/32	343	11743	40.00		426	24468
28.00		343	11743				



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

SIZE			PRICE (Rs.) EACH	SIZE			PRICE (Rs.) EACH
MM	INCH	MM		MM	INCH	MM	
	1.19/32	436	24468		1.25/32		33826
40.50		436	24468	45.50		459	33826
41.00		436	24468	46.00			33826
	1.5/8	436	24468		1.13/16		33826
41.50		436	25719	46.50		459	35202
42.00		436	25719		1.27/32		35202
	1.21/32	436	27211	47.00			35202
42.50		436	27211	47.50		459	36980
	1.11/16	447	29232		1.7/8	470	36980
43.00		447	29232	48.00			36980
43.50		447	30815		1.29/32		40503
	1.23/32	447	30815	48.50		470	40503
44.00		447	30815	49.00			40503
	1.3/4	447	32083		1.15/16	470	40503
44.50		447	32083	49.50			40503
45.00		447	32083	50.00			42588

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
MM	INCH	PRICE EACH									
3.0	1/8	Rs. 1419	Rs. 1668	Rs. 1848	Rs. 2103	Rs. 2384	Rs. -	Rs. 2753	Rs. -	Rs. -	Rs. -
3.5		Rs. 1459	Rs. 1668	Rs. 1900	Rs. 2155	Rs. 2446	Rs. -	Rs. 2828	Rs. -	Rs. -	Rs. -
4.0	5/32	Rs. 1459	Rs. 1688	Rs. 1900	Rs. 2155	Rs. 2446	Rs. -	Rs. 2828	Rs. -	Rs. -	Rs. -
4.5		Rs. 1496	Rs. 1716	Rs. 1900	Rs. 2206	Rs. 2594	Rs. -	Rs. 2975	Rs. -	Rs. -	Rs. -
5.0	3/16	Rs. 1496	Rs. 1716	Rs. 1900	Rs. 2206	Rs. 2594	Rs. -	Rs. 2975	Rs. -	Rs. -	Rs. -
5.5	7/32	Rs. 1496	Rs. 1728	Rs. 1992	Rs. 2337	Rs. 2649	Rs. -	Rs. 3054	Rs. -	Rs. -	Rs. -
6.0		Rs. 1505	Rs. 1728	Rs. 2013	Rs. 2337	Rs. 2649	Rs. 2895	Rs. 3054	Rs. -	Rs. -	Rs. -
6.5	1/4	Rs. 1526	Rs. 1783	Rs. 2023	Rs. 2454	Rs. 2753	Rs. 2986	Rs. 3145	Rs. -	Rs. -	Rs. -
7.0		Rs. 1663	Rs. 1873	Rs. 2102	Rs. 2501	Rs. 2881	Rs. 3169	Rs. 3302	Rs. -	Rs. -	Rs. -
7.5		Rs. 1682	Rs. 1919	Rs. 2163	Rs. 2546	Rs. 2956	Rs. 3239	Rs. 3365	Rs. -	Rs. -	Rs. -
8.0	5/16	Rs. 1757	Rs. 1962	Rs. 2249	Rs. 2638	Rs. 3031	Rs. 3291	Rs. 3459	Rs. -	Rs. -	Rs. -
8.5		Rs. 1815	Rs. 2036	Rs. 2293	Rs. 2685	Rs. 3087	Rs. 3331	Rs. 3555	Rs. -	Rs. -	Rs. -



### 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									
9.0		Rs. 1844	Rs. 2066	Rs. 2348	Rs. 2698	Rs. 3111	Rs. 3418	Rs. 3584	Rs. -	Rs. -	Rs. -
9.5	3/8	Rs. 1889	Rs. 2090	Rs. 2348	Rs. 2773	Rs. 3190	Rs. 3464	Rs. 3600	Rs. -	Rs. -	Rs. -
10.0		Rs. 1894	Rs. 2143	Rs. 2417	Rs. 2822	Rs. 3251	Rs. 3549	Rs. 3700	Rs. 4141	Rs. 4669	Rs. 5194
10.5		Rs. 1947	Rs. 2224	Rs. 2579	Rs. 2982	Rs. 3418	Rs. 3701	Rs. 3887	Rs. 4444	Rs. 4994	Rs. 5627
11.0		Rs. 1991	Rs. 2293	Rs. 2604	Rs. 3031	Rs. 3481	Rs. 3822	Rs. 3987	Rs. 4526	Rs. 5075	Rs. 5674
11.5	7/16	Rs. 2064	Rs. 2341	Rs. 2671	Rs. 3105	Rs. 3566	Rs. 3887	Rs. 4062	Rs. 4648	Rs. 5208	Rs. 5822
12.0		Rs. -	Rs. 2341	Rs. 2787	Rs. 3228	Rs. 3700	Rs. 4038	Rs. 4242	Rs. 4797	Rs. 5326	Rs. 5974
12.5	1/2	Rs. -	Rs. 2579	Rs. 2881	Rs. 3346	Rs. 3815	Rs. 4168	Rs. 4360	Rs. 5023	Rs. 5670	Rs. 6406



### 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
		PRICE EACH											
MM	INCH	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
13.0		3418	3915	4444	4826	5075	5775	6481	7281	-	-	-	-
13.5		3528	3994	4565	4943	5166	5884	6643	7464	-	-	-	-
14.0		3645	4113	4648	5043	5249	6000	6779	7607	-	-	-	-
14.5	9/16	3670	4169	4717	5070	5326	6116	6897	7740	9101	10158	11431	12819
15.0		3751	4260	4830	5178	5456	6238	6993	7867	9060	10281	11545	12950
15.5		3838	4359	4877	5279	5530	6333	7127	7975	9125	10380	11646	13062
16.0	5/8	3935	4432	4975	5354	5630	6424	7238	8112	9315	10559	11788	13206
16.5		4004	4491	5070	5456	5718	6543	7371	8308	9455	10670	11908	13287
17.0		4089	4599	5123	5521	5795	6643	7470	8400	9568	10803	12023	13411
17.5	11/16	-	-	5249	5627	5907	6771	7596	8500	9683	10928	12175	13537
18.0		-	-	5326	5753	6000	6880	7729	8656	9804	11040	12303	13667
18.5		-	-	5411	5822	6109	6940	7821	8791	9928	11168	12387	13799





### 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	-	-	5507	5907	6200	7054	7941	8908	10033	11295	12509	13878
19.5		-	-	5575	5974	6260	7182	8098	9089	10158	11428	12659	14014
20.0		-	-	5670	6072	6380	7265	8206	9220	10360	11545	12796	14185
20.5		-	-	5775	6182	6469	7386	8308	9358	10485	11743	12994	14399
21.0	13/16	-	-	5878	6109	6579	7545	8481	9511	10710	11943	13232	14624
21.5		-	-	6000	6406	6689	7677	8643	9692	10870	12195	13471	14922
22.0		-	-	6131	6578	6880	7821	8791	9855	11040	12385	13686	15158
22.5	7/8	-	-	6294	6716	7027	7953	8908	9960	11231	12557	13921	15410



### 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.
23.0		6587	7031	7288	8216	9102	10137	11394	12785	14127	15635	-
23.5		7238	-	8048	8820	9696	10484	11780	13149	14554	16115	-
24.0	15/16	7238	-	8048	8908	9822	10851	12150	13565	14950	16545	-
24.5		7464	-	8400	9314	10158	11221	12550	13951	15388	16994	-
25.0		-	-	8705	9657	10559	11567	12905	14355	15816	17469	-
25.5	1	-	-	-	9955	10870	11911	13272	14731	16241	17877	-
26.0		-	-	-	10360	11262	12297	13667	15167	16661	18354	-
26.5		-	-	-	10670	11591	12640	14048	15554	17054	18803	-
27.0	1.1/16	-	-	-	11040	11998	13015	14419	15942	17499	19241	-
27.5		-	-	-	11394	12303	13336	14803	16345	17905	19674	-
28.0		-	-	-	11743	12659	13727	15167	16739	18708	20150	-
28.5	1.1/8	-	-	-	12122	13032	14067	15521	17146	18772	20566	-



### 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.
29.0		-	-	-	12462	13390	14451	15912	17555	19169	21031	-
29.5		-	-	-	12807	13727	14793	16292	17929	19602	21492	-
30.0	1.3/16	-	-	-	13170	14095	15158	16661	18333	20014	21915	-
31.0	1.1/4	-	-	-	13520	14448	15525	17073	18809	20536	22533	-
32.0		-	-	-	13618	14731	16292	17905	19720	21492	23579	25121
33.0	1.5/16	-	-	-	-	-	16994	18701	20599	22453	24609	26254
34.0		-	-	-	-	-	17736	19495	21479	23426	25667	27361
35.0	1.3/8	-	-	-	-	-	18511	20352	22364	24405	26714	28468
36.0		-	-	-	-	-	19241	21124	23229	25345	27761	29528
37.0	1.7/16	-	-	-	-	-	19974	21915	24115	26297	28771	30636
38.0	1.1/2	-	-	-	-	-	20735	22787	25048	27283	29862	31791
39.0		-	-	-	-	-	21492	23786	25844	28149	30754	32736



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

SIZE		OVERALL LENGTH IN MILLIMETERS					
		400	425	450	475	500	525
MM	INCH	PRICE EACH					
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
40.0		22391	24468	26754	29100	31763	33768
41.0	1.5/8	-	-	-	-	32816	-
42.0		-	-	-	-	34274	-
43.0		-	-	-	-	35795	-
44.0		-	-	-	-	37288	-
45.0	1.3/4	-	-	-	-	38807	-
46.0	1.13/16	-	-	-	-	40450	-
47.0		-	-	-	-	42085	-
48.0	1.7/8	-	-	-	-	43726	-
49.0	1.15/16	-	-	-	-	45333	-
50.0		-	-	-	-	47161	-

#### 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

SIZE			OVERALL LENGTH IN MILLIMETERS										PRICE (Rs.) EACH	
MM	INCH	50	100	125	150	175	200	225	250	300	350			
0.5	-	598	-	-	-	-	-	-	-	-	-	-		
0.6	-	560	-	-	-	-	-	-	-	-	-	-		
0.8	-	383	-	-	-	-	-	-	-	-	-	-		
1.0	-	-	371	-	-	-	-	-	-	-	-	-		
1.2	-	-	371	-	-	-	-	-	-	-	-	-		
-	3/64	-	-	-	-	-	-	-	-	-	-	-		
-	1/16	-	-	457	546	-	-	-	-	-	-	-		
5/64	5/64	-	-	473	570	-	-	-	-	-	-	-		
3.0	1/8	-	-	-	770	943	1067	1269	1496	1867	-	-		
3.5	-	-	-	-	750	874	1125	1397	1682	2145	2912	-		
4.0	5/32	-	-	-	750	874	1125	1397	1682	2145	2958	-		
4.5	-	-	-	-	769	943	1125	1397	1682	2209	2958	-		
5.0	3/16	-	-	-	769	981	1218	1495	1766	2341	3104	-		
5.5	7/32	-	-	-	841	1049	1302	1594	1880	2487	3235	-		
6.0	-	-	-	-	841	1095	1340	1622	1946	2547	3357	-		
6.5	1/4	-	-	-	-	-	1371	-	1982	2668	3357	-		
7.0	-	-	-	-	-	-	1521	-	2180	3016	3770	-		
7.5	9/32	-	-	-	-	-	1549	-	2317	3072	3770	-		
8.0	5/16	-	-	-	-	-	1625	-	2414	3147	3858	-		
8.5	11/32	-	-	-	-	-	1677	-	2464	3205	4120	-		
9.0	-	-	-	-	-	-	1677	-	2464	3205	4120	-		
9.5	3/8	-	-	-	-	-	1766	-	2479	3275	4252	-		
10.0	-	-	-	-	-	-	1839	-	2548	3421	4443	-		
10.5	13/32	-	-	-	-	-	1901	-	2721	3549	4673	-		
11.0	7/16	-	-	-	-	-	-	-	2816	3658	4821	-		
11.5	-	-	-	-	-	-	-	-	2816	3658	4821	-		
12.0	15/32	-	-	-	-	-	-	-	2955	3879	4947	-		
12.5	1/2	-	-	-	-	-	-	-	3047	4004	5276	-		

#### 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.



### HIGH PERFORMANCE DRILL HSS TAPER SHANK GROUND FLUTED (IS : 5103)

SIZE		PRICE (Rs.)	SIZE		PRICE (Rs.)
MM	INCH	EACH	MM	INCH	EACH
9.00		689	14.68	37/64	1830
9.13	23/64	754	14.75		1830
9.20		754	15.00		1830
9.50		689	15.08	19/32	1830
9.52	3/8	689	15.25		1856
9.80		810	15.48	39/64	1856
9.92	25/64	810	15.50		1856
10.00		733	15.75		1856
10.20		823	15.87	5/8	1856
10.32	13/32	795	16.00		1910
10.50		976	16.25		1910
10.72	27/64	1012	16.27	41/64	1910
10.80		1012	16.50		2029
11.00		1012	16.67	21/32	2029
11.11	7/16	1012	16.75		2029
11.20		1045	17.00		2029
11.50		1045	17.07	43/64	2066
11.51	29/64	1045	17.25		2066
11.80		1045	17.46	11/16	2066
11.91	15/32	1045	17.50		2140
12.00		1055	17.75		2172
12.20		1055	17.86	45/64	2255
12.30	31/64	1055	18.00		2255
12.50		1055	18.25		2255
12.70	1/2	1055	18.26	23/32	2255
12.80		1468	18.50		2255
13.00		1468	18.65	47/64	2284
13.10	33/64	1531	18.75		2284
13.20		1531	19.00		2284
13.49	17/32	1531	19.05	3/4	2284
13.50		1639	19.25		2398
13.80		1639	19.45	49/64	2398
13.89	35/64	1639	19.50		2398
14.00		1639	19.75		2398
14.25		1760	19.84	25/32	2398
14.29	9/16	1760	20.00		2579
14.50		1830			

ITEMS MARKED ARE EX-STOCK ITEMS.  
ALL REMAINING ITEMS WILL ATTRACT MOQ.

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

NOM DIA INCH	PRICE (Rs.) EACH	NOM DIA INCH	PRICE (Rs.) EACH
1	2804	2	6196
1.1/16	2960	2.1/8	6849
1.1/8	3137	2.1/4	7495
1.3/16	3329	2.3/8	8386
1.1/4	3476	2.1/2	10198
1.5/16	3645	2.5/8	11849
1.3/8	3852	2.3/4	13034
1.7/16	4023	2.7/8	14484
1.1/2	4168	3	15908
1.9/16	4406	3.1/8	17836
1.5/8	4598	3.1/4	19561
1.11/16	5220	3.3/8	21038
1.3/4	5340	3.1/2	22589
1.13/16	5549	3.5/8	26687
1.7/8	5717	3.3/4	27918
1.15/16	5993	3.7/8	32316
		4	35713

#### 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 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:5448	TAPER SHANK IS:5447
3.00		942	942	942	942
3.17	1/8	942	942	942	942
3.50		942	942	942	942
3.97	5/32	942	942	942	942
4.00		942	942	942	942
4.50		942	942	942	942
4.76	3/16	942	942	942	942
5.00		942	942	942	942
5.50		942	942	942	942
5.56	7/32	942	942	942	942
6.00		1095	1095	1095	1095
6.35	1/4	1095	1095	1095	1095
7.00		1097	1097	1097	1097
7.14	9/32	1097	1097	1097	1097
7.94	5/16	1244	1244	1244	1244
8.00		1244	1244	1244	1244
8.73	11/32	1297	1297	1297	1297
9.00		1297	1297	1297	1297
9.13	23/64	1297	1297	1297	1297
9.52	3/8	1414	1414	1414	1414
9.92	25/64	1566	1566	1566	1566
10.00		1566	1566	1566	1566
10.32	13/32	1566	1566	1566	1566
11.00		1760	1760	1760	1760
11.11	7/16	1760	1760	1760	1760
11.91	15/32	1830	1830	1830	1830
12.00		1830	1830	1830	1830
12.70	1/2	1899	1899	1899	1899
13.00		2310	2310	2310	2310
13.49	17/32	2310	2310	2310	2310
14.00		2310	2310	2310	2310
14.29	9/16	2310	2310	2310	2310
15.00		2325	2325	2325	2325
15.08	9/32	2325	2325	2325	2325
15.87	5/8	2325	2325	2325	2325
16.00		2325	2325	2325	2325
16.67	21/32	2677	2677		2677
17.00		2677	2677		2677
17.46	11/16	2677	2677		2677
18.00		2867	2867		2867
18.26	23/32	3048	3048		3048
19.00		3048	3048		3048
19.05	3/4	3048	3048		3048
20.00		3397	3397		3397
20.64	13/16	3460	3460		3460
21.00		3845	3845		3845
22.00		3845	3845		3845
22.22	7/8	3845	3845		3845
23.00		4488	4488		4488
23.81	15/16	4972	4972		4972
24.00		4972	4972		4972
25.00		4983	4983		4983
25.40	1	5074	5074		5074
26.00		6158	6158		6158
26.99	1.1/16	7043	7043		7043
27.00		7043	7043		7043
28.00		7043	7043		7043
28.57	1.1/8	7043	7043		7043
29.00		7471	7471		7471
30.00		8062	8062		8062
30.16	1.3/16	8062	8062		8062
31.00		8902	8902		8902
31.75	1.1/4	8902	8902		8902
32.00		8902	8902		8902
33.00		10109	10109		10109
33.34	1.5/16	10109	10109		10109
34.00		11358	11358		11358
34.92	1.3/8	12428	12428		12428
35.00		12428	12428		12428
36.00		12428	12428		12428
36.51	1.7/16	12519	12519		12519



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

Price (Rs.) Each

SIZE		HAND REAMERS	LONG FLUTED MACHINE REAMERS	CHUCKING REAMERS TAPER SHANK
MM	INCH	IS : 5444	IS:5445	IS:5447
37.00	00	13642	13642	13642
38.00		13642	13642	13642
38.10	1.1/2	13642	13642	13642
39.00		15076	15076	15076
39.69	1.9/16	16478	16478	16478
40.00		16478	16478	16478
41.00		16618	16618	16618
41.27	1.5/8	16618	16618	16618
42.00		19584	19584	19584
42.86	1.11/16	19584	19584	19584
43.00		19584	19584	19584
44.00		19584	19584	19584
44.45	1.3/4	19584	19584	19584
45.00		22950	22950	22950
46.00		22950	22950	22950
47.00		24780	24780	24780
47.62	1.7/8	26615	26615	26615
48.00		26615	26615	26615
49.00		26615	26615	26615
49.21	1.15/16	26615	26615	26615
50.00		26615	26615	26615
50.80	2	26615	26615	26615
51.00		26615	26615	26615
52.00		31724	31724	
52.39	2.1/16	31724	31724	
53.00		31724	31724	
53.97	2.1/8	31724	31724	
54.00		31724	31724	
55.00		36837	36837	
55.56	2.3/16	36837	36837	
56.00		36837	36837	
57.00		36837	36837	
57.15	2.1/8	36837	36837	
58.00		39415	39415	
58.74	2.5/16	39415	39415	
59.00		39415	39415	
60.00		46764	46764	
60.32	2.3/8	46764	46764	
61.00		46764	46764	
61.91	2.7/16	46764	46764	
62.00		46764	46764	
63.00		46764	46764	
63.50	2.1/2	46764	46764	
64.00		46764	46764	
65.00		-	56461	
65.09	2.9/16	56461	56461	
66.00		-	58366	
66.67	2.5/8	58366	58366	
67.00		58366	58366	
68.00		-	62570	
68.26	2.11/16	62570	62570	
69.00		-	62570	
69.85	2.3/4	62570	62570	
70.00		-	62570	
71.00		62570	62570	
71.44	2.13/16	65740	65740	
72.00		-	76437	
73.00			76437	
73.02	2.7/8	76437	76437	
74.00		-	76437	
74.61	2.15/16	76437	76437	
75.00		-	80266	
76.00		-	80266	
76.20	3	80266	80266	

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	1801
8 x 175 x 250	1925
8 x 200 x 300	2111
9 x 225 x 300	2649
9 x 125 x 200	1758
9 x 175 x 250	2023
10 x 125 x 200	2263
10 x 175 x 250	2413
10 x 200 x 300	2561
10 x 300 x 400	2737
12 x 160 x 250	2681
12 x 200 x 300	2825
13 x 200 x 300	3231
14 x 160 x 250	3011
14 x 200 x 300	3536
15 x 200 x 300	3592
15 x 300 x 400	4018
16 x 200 x 300	3592
16 x 300 x 400	4018
17 x 200 x 300	4052
18 x 200 x 300	4453
19 x 200 x 300	4732
20 x 200 x 300	5250
20 x 300 x 400	5931
22 x 200 x 300	5962
25 x 200 x 315	7741
25 x 275 x 400	8694
26 x 275 x 400	10750
28 x 175 x 400	12348

### HSS TAPER SHANK EXTRA LONG MACHINE REAMERS

SIZE INCH MM MM	PRICE (Rs.) EACH
5/16 x 125 x 200	1801
5/16 x 175 x 250	1925
5/16 x 200 x 300	2111
3/8 x 125 x 200	2263
3/8 x 175 x 250	2413
3/8 x 200 x 300	2561
7/16 x 160 x 250	2681
7/16 x 200 x 300	2825
1/2 x 125 x 200	3023
1/2 x 200 x 300	3056
9/16 x 200 x 300	3592
9/16 x 250 x 350	3806
5/8 x 200 x 300	3592
5/8 x 250 x 350	3843
5/8 x 300 x 400	4018
11/16 x 200 x 300	4458
3/4 x 200 x 300	4732
3/4 x 300 x 400	5036
13/16 x 200 x 300	5962
7/8 x 200 x 300	7063
7/8 x 300 x 400	7215
1 x 200 x 315	7741
1 x 275 x 400	8694
1.1/8 x 275 x 400	13209

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	2022	16	4580
4	2022	20	7124
5	2022	25	7559
6	2022	30	10172
8	2737	32	11176
10	3036	40	19985
12	3665	50	34636
14	4115		

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

NOMINAL DIA MM	PRICE (Rs.) EACH	NOMINAL DIA MM	PRICE (Rs.) EACH
3/16	1884	13/32	2947
7/32	1884	7/16	3034
1/4	1884	1/2	3430
9/32	2061	9/16	3965
5/16	2283	5/8	4411
11/32	2576	3/4	5559
3/8	2603	7/8	6860

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 straigh 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 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	2162	2566
1	2379	2707
2	3313	4017
3	4815	6023
4	7965	9488
5	16235	17438
6	28648	39943

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

\* Type required to be specified in order.



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

SIZE MM	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH
10	2012	33	12290
11	2012	35	14153
12	2305	36	15184
13	2739	39	16235
14	2739	40	18662
15	3012	41	18662
16	3012	43	20849
17	3477	44	22908
19	3895	45	24876
20	4248	46	24876
22	4900	47	27121
23	4900	48	29495
24	6310	49	29495
25	6838	50	32791
27	7644		
28	8307		
30	9040		
32	10465		

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 MACHINE BRIDGE REAMERS - IS 5919

SIZE MM	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH
11	2392	20	5385	31	10294
11.5	2795	21	5983	32	10294
12	2795	21.5	5983	33	11077
13	3048	22	5983	35	11882
13.5	3048	23	6526	36	12680
14	3048	23.5	6526	37	13517
15	3536	25.0	7096	40	21492
17	4364	27	7999	43	25437
17.5	4364	28	8658	49	34598
19	4900	30	9346		

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF  
Rs. 35,000 / - NETT OR 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 MACHINEBRIDGE REAMERS BS: 122 (Part 2) : 1964

SIZE INCH	PRICE (Rs.) EACH	SIZE INCH	PRICE (Rs.) EACH	SIZE INCH	PRICE (Rs.) EACH
7/16	2392	13/16	5204	1.3/16	8972
1/2	2586	7/8	5983	1.1/4	10009
9/16	3048	15/16	6526	1.5/16	10595
5/8	3536	1	7096	1.3/8	11358
11/16	4364	1.1/16	7722	1.7/16	12140
3/4	4900	1.1/8	8295	1.1/2	13517

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 INCH	PRICE (Rs.) EACH	SIZE INCH	PRICE (Rs.) EACH	SIZE INCH	PRICE (Rs.) EACH
21	3161	42	5972	66	13525
22	3161	43	5972	67	14839
23	3161	44	6059	68	14839
24	3161	45	6320	70	14839
25	3161	46	6320	72	16500
26	3350	47	6620	73	16500
27	3350	49	6798	76	18107
28	3594	50	7076	79	20313
30	3784	52	7836	80	22266
32	3961	54	7836	82	22266
33	4159	56	8599	85	24016
35	4376	57	8599	89	25725
36	4559	58	9641	91	30426
38	4801	60	9641	92	30426
39	5040	62	11649	95	31806
40	5040	63	11649	98	36719
41	5264	65	13525	99	40648
				100	40648

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF  
Rs. 35,000 / - NETT OR 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 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	1653	1.1/8	5108	2	15351
5/8	2196	1.1/4	6430	2.1/4	17405
3/4	2488	1.3/8	7518	2.1/2	21600
7/8	3141	1.1/2	8909	2.3/4	25494
1	3952	1.3/4	13174	3	30833

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 COUNTERBORES IS : 5710 - 1988

CUTTER DIA MM	PRICE (Rs.) EACH	CUTTER DIA MM	PRICE (Rs.) EACH
13.5	2511	34	11855
14.5	2807	36	12885
16.5	3222	37	13427
17.5	3466	39	14548
19.5	4093	41	15777
20.0	4290	43	16311
22.0	4911	46	18570
23.0	5636	48	20158
25.0	6823	51	22754
26.0	7562	53	24721
28.0	8445	55	27212
29.0	8902	57	29898
31.0	9706	59	33129
33.0	11120	61	36910

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

#### IMPORTANT NOTES :

- Counterbores will be supplied without pilots and grub screws. Pilot holes and grub screw holes, will however, be provided.
- 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	2203	1.1/8	8445
9/16	2739	1.1/4	9706
5/8	3058	1.3/8	11855
11/16	3466	1.1/2	13771
3/4	3895	1.5/8	15785
13/16	4319	1.3/4	17883
7/8	4911	1.7/8	19866
15/16	5771	2	21935
1	6823		

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

#### 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	2286	80	32	80	11084
40	16	32	2857	80	32	100	12761
40	16	50	3556	100	40	40	9211
40	16	70	4767	100	40	70	13951
50	22	25	2928	100	40	90	17285
50	22	40	3467	100	40	110	24283
50	22	63	4552	100	40	125	29581
50	22	80	5892	125	50	50	20792
63	27	32	4170	125	50	80	29494
63	27	50	5257	125	50	110	39693
63	27	70	6919	125	50	125	44405
63	27	90	8124	125	50	140	49390
80	32	36	5892	160	60	125	73885
80	32	63	9367				

#### 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

LENGTH OF CUTTER INCH	DIAMETER OF CUTTER					PRICE (Rs.) EACH
	2.1/2	3	3.1/2	4	4.1/2	
1	3726	4698	5207	6584	9493	
2	5517	7231	8682	11526	15941	
3	7340	9822	12123	16455	22518	
4	9145	12485	15607	20972	29494	
5	11026	17556	22952	29118	36312	
6	12904	22360	27312	34041	43154	
7	14722	26086	31726	40584	50531	
8	17239	29797	36141	46227	56940	

#### IMPORTANT NOTE

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



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

PRICE (Rs.) EACH

LENGTH OF CUTTER INCH	DIAMETER OF CUTTER		
	3	4	5
2	10397	15267	25461
3	13162	20422	34299
4	17699	26007	43165
5	25571	37623	51891
6	32425	44271	60839

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	2679	3332
		6	2784	3467
		8	2857	3563
		10	3034	3792
63	22	6	3282	4242
		8	3467	4628
		10	3772	4767
		12	3934	5137
		14	4052	5510
		16	4251	5944
80	27	18	4533	6120
		6	3593	4510
		8	3983	4908
		10	4251	5616
		12	4533	5944
		14	4822	6377
100	32	16	5044	6507
		18	5616	7369
		20	5859	7729
		6	5137	6229
		8	5491	6667
		10	6070	7145
100	32	12	6507	7942
		14	6893	8124
		16	7369	8765
		18	7860	9010
		20	8463	9514
		22	8860	10879
125	32	25	9627	11862
		6	7201	8934
		8	7729	9626
125	32	10	8281	11202
		12	9437	11630
		14	10223	12424
		16	10657	12904
		18	11429	14718
		20	11834	15878
125	32	22	13069	17254
		25	14290	17943
		28	16092	20541



## 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	8765	11270
		8	9534	12192
		10	10344	13138
		12	11980	15132
		14	12812	16092
		16	13652	17067
		18	15330	18931
		20	15330	18931
		22	17020	20975
		25	18659	23101
		28	20215	25330
		32	21727	27635
160		6	11926	13319
		8	12676	14161
		10	13428	14999
		12	14164	15816
160	40	14	14910	16663
		16	15789	17497
		18	16908	19359
		20	17752	19359
		22	18799	21460
		25	20290	24883
		28	21727	25910
		32	23650	28250
200		6	15607	17310
		8	16841	18643
		10	18226	20489
		12	21067	23164
		14	22438	24785
200	40	16	23826	26433
		18	26588	29972
		20	26878	30886
		22	29350	33596
		25	32113	36893
		28	33809	39184
		32	37580	43918
225		8	21946	24002
		10	23889	25854
		12	27810	30349
		14	29812	32813
		16	31849	35251
		18	35929	40852
		20	35929	40852
		22	39664	45237
		25	43436	49476
		28	47294	53476
		32	51147	57455
250		10	27620	29674
		12	32308	35380
		14	34977	38124
		16	37554	40852
		18	42449	47260
		20	42449	47260
		22	46976	52372
		25	51793	57031
		28	56301	63103
		32	60762	69199

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.





### 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	3282	3637	4322	5123	7201
5/16	3438	3822	4567	5491	7729
3/8	3593	4053	4857	5859	8281
7/16	3756	4242	5145	6229	8860
1/2	3917	4466	5397	6507	9437
5/8	4199	4897	5982	7369	10657
3/4	4486	5257	6552	8124	11834
7/8	4786	5851	7064	8860	13069
1	5123	6322	7770	9626	14290
1.1/4	5758	6981	8790	10941	16505
1.1/2	6415	7977	9906	12051	18777

### 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	8765	12996	15607	20104	-
5/16	9534	14063	16841	21945	-
3/8	10344	15130	18226	23889	27620
7/16	11161	16142	19643	25748	29684
1/2	11980	17435	21066	27811	32307
5/8	13647	19520	23826	31849	37554
3/4	15330	21648	26589	35287	42449
7/8	17019	23800	29351	39664	46977
1	18658	25926	32113	43435	51794
1.1/4	21727	30163	37573	51147	60762
1.1/2	24785	34453	43033	58877	70458
1.3/4	-	-	-	72202	85564

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.

#### IMPORTABT 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	4567	6229	8934	11270	14723	17334
5/16	4857	6667	9627	12192	16898	18643
3/8	5428	7064	11202	13138	18227	20489
7/16	5517	7496	11399	14119	19139	21828
1/2	5616	7941	11630	15132	20005	23164
5/8	6287	8765	12904	17067	23463	26433
3/4	6679	10003	14723	18931	26245	30063
7/8	7283	10879	17067	20975	28876	33596
1	7860	11861	17943	23086	31456	36884

### 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	24002	27491
3/8	25854	29674
7/16	28454	31040
1/2	30388	35380
5/8	35251	40852
3/4	40852	47260
7/8	45237	52372
1	46963	57031
1.1/4	57455	69199
1.1/2	65673	79511
1.3/4	80104	95548

#### IMPORTANT NOTES :

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.

### 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	2530
63	22	18	60, 65, 70, 75, 80 & 85	3772
63	22	26	70, 75 & 80	4485
80	22	32	70, 75 & 80	5892
100	27	36	70, 75 & 80	8841

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	3137	3468
7/16	30 , 40	3438	3922
1/2	45 , 50 , 60 , 70 , 80	3637	4107
5/8	50 , 60 , 70 , 80	4052	4567

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	3637
3	1.1/4	3/4	4567

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	3137	3468
7/16	30 , 40	3282	3637
1/2	45 , 60 , 90	3282	3637
5/8	60 , 90	3637	3982

### HSS EQUAL ANGLE CUTTERS - IS : 6326

DIA MM	BORE MM	WIDTH MM	ANGLE DEGREES	PRICE (Rs) EACH
56	16	10	45	2784
63	22	12		3137
80	22	16		3982
100	27	18		5789
56	16	12	60	2911
63	22	16		3468
80	22	20		4323
100	27	25		6772
56	16	14	90	3137
63	22	18		3637
80	22	22		4699
100	27	28		7340

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

DIA MM	BORE MM	WIDTH MM	ANGLE DEGREES	PRICE (Rs) EACH
50	16	12	55 X 12	2784
			60 X 15	2784
			65 X 15	2784
			70 X 15	2784
			75 X 15	2784
			80 X 15	2784
50	16	14	90 X 20	3035
50	16	16	100 X 25	3282
63	22	18	55 X 12	3810
			60 X 15	3810
			63 X 15	3810
			70 X 15	3810
			75 X 15	3810
			80 X 15	3810
63	22	20	90 X 20	3990
63	22	22	100 X 25	4314
80	22	32	65 X 15	5892
			70 X 15	5892
			75 X 15	5892
100	27	36	70 X 15	8841
			75 X 15	8841
			80 X 15	8841

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 INCH	BORE INCH	WIDTH INCH	RADIUS MM	PRICE (Rs) EACH
50	22	3	1.6	3342
50	22	4	2	3342
56	22	5	2.5	3956
56	22	6	3	3956
63	22	8	4	4199
63	22	10	5	4628
70	22	12	6	4989
70	22	16	8	5491
90	27	18	9	7340
90	27	20	10	7729
90	27	22	11	8518
90	27	24	12	9128
100	27	28	14	11641
110	32	32	16	14723
110	32	36	18	19435
125	40	40	20	21553

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

### HSS CONCAVE CUTTERS IS : 6322 : 1982

DIA INCH	BORE INCH	WIDTH INCH	RADIUS MM	PRICE (Rs) EACH
56	22	8	1.6	4199
56	22	9	2	4412
56	22	10	2.5	4539
63	22	12	3	4931
63	22	16	4	5073
63	22	20	5	5952
70	22	24	6	7095
70	22	28	7	7446
80	27	32	8	9732
90	27	36	9	11630
90	27	40	10	12904
100	27	42	11	15049
100	27	44	12	15555
100	27	46	12.5	15858
100	27	50	14	17450
110	32	56	16	24021
125	32	62	18	32724
125	32	70	20	34453

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



### 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 EACH	PRICE (Rs) EACH	WIDTH OF CONCAVE CUTTER EACH	PRICE (Rs) EACH
2.1/4	1/8	1	1/8	3556	5/16	4199
	3/16		3/16	3792	3/8	4353
	1/4		1/4	3963	1/2	4639
2.1/2	5/16	1	5/16	4199	5/8	5082
	3/8		3/8	4474	3/4	5510
	7/16		7/16	4636	7/8	5952
	1/2		1/2	4992	1	6348
2.3/4	9/16	1	9/16	5082	1.3/16	7446
	5/8		5/8	5517	1.3/16	7635
3	11/16	1	11/16	6120	1.3/8	9121
	3/4		3/4	6415	1.3/8	9263
3.1/4	13/16	1	13/16	7258	1.9/16	11084
	7/8		7/8	7729	1.9/16	11270
3.1/2	15/16	1	15/16	8657	1.3/4	13188
	1		1	9054	1.3/4	13375
4	1.1/8	1.1/4	1.1/8	11641	1.15/16	16351
	1.1/4		1.1/4	12812	2.1/8	17450
4.1/4	1.3/8	1.1/4	1.3/8	17634	2.5/16	22995
	1.1/2		1.1/2	19076	2.1/2	26351

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	3726	7/16	5267
	3/32		5/16	3726	7/16	5267
	1/8		5/16	3726	7/16	5267
2.1/2	5/32	1	7/16	4199	5/8	5924
	3/16		7/16	4199	5/8	5924
	7/32		1/2	4438	3/4	6348
	1/4		1/2	4438	3/4	6348
2.3/4	9/32	1	5/8	5207	15/16	7553
	5/16		5/8	5207	15/16	7553
3	11/32	1	11/16	6170	1.1/16	8795
	3/8		11/16	6170	1.1/16	8795
3.1/4	13/32	1	3/4	6988	1.3/16	10098
	7/16		3/4	6988	1.3/16	10098
3.1/2	15/32	1	7/8	8306	1.3/8	12192
	1/2		7/8	8306	1.3/8	12192
	9/16		1	9145	1.5/8	13638
	5/8		1	9145	1.5/8	13638
3.3/4	11/16	1	1.1/8	13452	1.7/8	19269
	3/4		1.1/8	13452	1.7/8	19269

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 INCH	BORE INCH	WIDTH INCH	RADIUS MM	PRICE (Rs) EACH
56	22	4	1.6	3556
56	22	5	2.5	3556
63	22	6	3	4107
63	22	8	4	4297
63	22	10	5	4579
70	22	12	6	4897
70	22	14	7	5145
80	27	16	8	6377
90	27	18	9	7699
90	27	20	10	8364
100	27	22	12	13561
100	27	22	12.5	13561
100	27	25	14	14364
110	32	28	16	15433
125	32	31	18	19736
125	32	35	20	20984

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	554	10	42	8	40
3.5	554	-	-	10	42
4	554	11	43	11	43
5	554	13	47	13	47
6	619	16	52	13	57
7	696	-	-	16	60
8	696	-	-	19	63
9	696	-	-	19	69
10	696	22	67	22	72
11	696	22	67	22	79
12	719	26	76	26	83
13	813	26	76	26	83
14	891	26	76	26	83
16	1042	32	88	32	92
17	1138	32	88	32	92
18	1266	32	88	32	92
19	1266	32	88	32	92
20	1400	38	101	38	104
21	1571	38	101	38	104
22	1589	38	101	38	104
24	1723	38	101	45	121
25	1852	45	116	45	121
26	1921	45	116	45	121
27	2260	45	116	45	121
28	2636	45	116	45	121
29	2636	45	116	45	121
30	2901	45	116	45	121
32	3165	63	140	53	133
33	3506	63	140	53	133
35	3822	70	160	53	133
36	4167	70	160	53	133
37	4490	70	160	53	133
38	4787	70	160	63	155
39	5077	70	160	63	155
40	5392	70	160	63	155
41	5392	70	160	63	155
43	6138	80	180	63	155
45	6876	80	180	63	155
46	6876	90	200	63	155
49	7564	90	200	75	177
50	8321	90	200	75	177
51	8321	90	200	75	177
53	10243	90	200	75	177
54	12135	100	220	75	177
56	14592	100	220	75	177
57	16971	100	220	75	177
59	16971	100	220	75	177
61	18120	110	250	90	192
63	18863	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 :

1. For non-listed intermediates sizes, the higher price of the nearest listed size will be applicable.
2. LH End Mill Dia 17 mm & above on special request - **25 % extra**
3. 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 INCH	PRICE (Rs) EACH	IS:6354-1971 TANGED END		IS:6354-1991 TAPPED END		MT No.
		CEL (MM)	OAL (MM)	CEL (MM)	OAL (MM)	
6	922	16	90	13	83	1
7	922	-	-	16	86	1
8	922	19	93	19	89	1
9	998	-	-	19	89	1
10	998	22	96	22	92	1
11	1097	-	-	22	92	1
12	1097	26	100	26	96	1
12	1432	26	118	26	111	1
14	1515	26	100	26	96	2
14	1613	26	118	26	111	1
16	1614	32	124	32	117	2
18	1971	32	124	32	117	2
20	2276	38	130	38	123	2
20	2488	38	150	38	140	2
22	2389	38	130	38	123	3
22	2606	-	-	38	140	2
25	2814	45	157	45	147	3
26	3505	45	157	45	147	3
28	3919	45	157	45	147	3
30	4310	53	165	45	147	3
32	4576	53	165	53	155	3
32	4576	53	183	53	178	4
33	5533	53	165	53	155	3
33	6069	-	-	53	178	4
35	6069	53	165	53	155	3
35	6069	-	-	53	178	4
36	6594	70	210	53	155	3
36	7194	-	-	53	178	4
38	7253	63	203	63	188	4
38	8430	-	-	63	221	5
40	8433	63	203	63	188	4
40	8433	63	203	63	221	5
41	8433	63	203	63	188	4
41	9271	-	-	63	221	5
43	9271	63	203	63	188	4
43	9271	-	-	63	221	5
44	9688	63	203	63	188	4
44	9688	-	-	63	221	5
45	10418	63	203	63	188	4
45	10418	-	-	63	221	5
46	10663	63	203	63	188	4
46	11045	-	-	63	221	5
48	11045	63	203	75	200	4
48	12421	-	-	75	233	5
50	12421	75	215	75	200	4
50	12421	75	250	75	233	5
51	12421	75	250	75	200	4
51	17403	-	-	75	233	5
53	17404	75	250	75	200	4
53	21992	-	-	75	233	5
56	21990	75	250	75	200	4
56	21990	-	-	75	233	5
60	23080	-	-	75	200	4
60	23080	75	250	75	233	5
63	27673	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.

1. Standard Series Type 'B' Tapped End as per IS:6354 - 1971 at the same rate.
2. 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.
3. 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.
4. 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 MM	PARALLEL SHANK PRICE (Rs.) EACH	TAPER SHANK PRICE (Rs.) EACH
1/8	554	861
5/32	554	861
3/16	554	861
7/32	554	861
<b>1/4</b>	<b>618</b>	<b>881</b>
9/32	636	881
5/16	696	881
<b>3/8</b>	<b>696</b>	<b>958</b>
7/16	696	971
<b>1/2</b>	<b>719</b>	<b>1097</b>
9/16	890	1515
<b>5/8</b>	<b>1041</b>	<b>1614</b>
11/16	1165	1821
<b>3/4</b>	<b>1266</b>	<b>1922</b>
13/16	1400	2184
7/8	1589	2391
15/16	-	2596
<b>1</b>	<b>1852</b>	<b>2792</b>
1.1/8	2636	3894
1.1/4	3165	4576
1.3/8	3823	6069
1.1/2	4474	7253
1.5/8	5392	8433
1.3/4	6877	9688
1.7/8	7582	11045
2	8303	12420
2.1/16	10243	-
2.1/8	12135	17212
2.3/16	14592	-
2.1/4	15788	21989
2.5/16	16971	-
2.3/8	18120	23996
2.1/2	20430	27673

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 PRALLEL SHANK SLOT MILLING CUTTERS IS : 6352 (SHORT SERIES)

DIA INCH	PRICE (Rs) EACH	IS:6352-1971		IS:6352-1991	
		CEL (MM)	OAL (MM)	CEL (MM)	OAL (MM)
3	671	6	40	5	37
3.5	671	6	40	6	38
4	671	6	40	7	39
5	671	8	45	8	42
6	719	8	45	8	52
7	719	10	50	10	54
8	719	10	50	11	55
9	719	10	50	11	61
10	747	12	56	13	63
11	747	12	56	13	70
12	814	16	63	16	73
14	1041	16	63	16	73
16	1173	18	70	19	79
18	1443	18	70	19	79
20	1443	20	80	22	88
22	1682	22	90	22	88
25	1995	25	100	26	102
28	3308	25	100	26	102
32	3465	28	110	32	112
35	4167	32	118	32	112
36	4474	32	118	32	112
38	4826	36	125	38	130
40	5165	36	125	38	130
41	5841	-	-	38	130
42	5841	-	-	38	130
43	6494	-	-	38	130
44	6494	-	-	38	130
45	6494	-	-	38	130
46	7210	-	-	38	130
47	7210	-	-	38	130
48	7210	-	-	45	147
49	7908	-	-	45	147
50	7908	-	-	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	1027	-	-	-	8	78	1
7	1027	16	90	-	10	80	1
8	1129	16	90	-	11	81	1
9	1129	16	90	-	11	81	1
10	1153	16	90	-	13	83	1
11	1153	16	90	-	13	83	1
12	1288	16	90	-	16	86	1
12	1507	-	-	-	16	101	2
14	1614	16	90	-	16	86	1
14	1676	-	-	-	16	101	2
16	1676	18	110	100	19	104	2
18	1922	18	110	100	19	104	2
20	1922	20	114	104	22	107	2
20	2376	20	-	-	22	124	3
22	2387	22	118	108	22	107	2
22	2845	-	-	-	22	124	3
25	2843	25	143	130	26	128	3
26	3923	25	143	130	26	128	3
28	4155	25	143	130	26	128	3
32	4983	28	148	135	32	134	3
32	6006	-	-	-	32	157	4
35	6456	32	179	164	32	134	3
35	7475	-	-	-	32	157	4
36	7529	32	179	164	32	134	3
36	7529	-	-	-	32	157	4
38	7529	36	186	171	38	163	4
38	10365	-	-	-	38	196	5
40	8593	36	186	171	38	163	4
40	11435	-	-	-	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 MM	PARALLEL SHANK PRICE (Rs.) EACH	TAPER SHANK PRICE (Rs.) EACH
1/8	671	923
5/32	671	923
3/16	671	923
7/32	717	1012
1/4	719	1064
5/16	719	1129
3/8	719	1129
7/16	735	1153
1/2	814	1288
9/16	1042	1614
5/8	1172	1676
11/16	1326	1822
3/4	1443	1922
13/16	1682	2388
7/8	1682	2388
1	1996	2843
1.1/8	2842	4156
1.1/4	3465	4983
1.3/8	4167	6456
1.1/2	4826	7529
1.5/8	5973	-
1.3/4	6494	-
1.7/8	7211	-
2	7907	-

- 1) Straight flute, Flat Faced, will be supplied unless otherwise specified.
- 2) Spiral Fluted, Flate faced same rate.
- 3) Intermediate sizes (non - listed) at price of the next larger listed size.
- 4) Left hand Cutter 25 % extra.

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

**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	3556
5/16	45/64	5/16	2	4010
3/8	53/64	23/64	2	4384
7/16	61/64	27/64	2	4647
1/2	1.5/64	15/32	2	5613
5/8	1.21/64	37/64	3	9087
3/4	1.33/64	11/16	3	11282
7/8	1.45/64	51/64	3	13306
1	1.61/64	29/32	4	16478
1.1/8	2.1/8	1.1/16	4	21270
1.1/4	2.5/16	1.3/16	4	25303
1.3/8	2.1/2	1.5/16	5	31231
1.1/2	2.3/4	1.7/16	5	39986

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



### 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	4426
12	21	9	4836
14	25	11	9297
18	32	14	11640
22	40	18	15593
28	50	22	20111
36	60	28	36241
42	72	35	43980

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 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	3727
2	1.1/4	3/4	4297
2.1/2	1.1/4	3/4	5428
3	1.11/16	1.1/8	7770
4	1.3/4	1.1/8	12996
5	2	1.1/2	21861

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	2430
		6	2628
		8	2788
		10	2911
63	22	6	2852
		8	2984
		10	3282
		12	3564
		14	3772
		16	4052
		18	4356
80	27	6	3990
		8	4252
		10	4539
		12	5082
		14	5491
		16	5835
		18	6164
100	32	20	6552
		6	4699
		8	5043
		10	5491
		12	5981
		14	6434
		16	6924
		18	7327
		20	7488
		22	8364
125	32	25	8934
		8	7201
		10	7876
		12	8590
		14	9468
		16	10098
		18	10941
		20	11587
		22	12342
		25	13511
160	40	32	14646
		10	12977
		12	13662
		14	14557
		16	15587
		18	16588
		20	17699
		22	18846
		25	20460
		28	21603
200	40	32	24447
		12	20092
		14	21227
		16	22574
		18	24165
		20	25868
		22	27795
		25	29965
		28	32473
		32	36146
		36	39814
		40	43594

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					
	2.1/2"	3"	3.1/2"	4"	5"	6"
1/4	1975	2258	2816	3395	5428	7012
5/16	2141	2430	3091	3792	5944	7771
3/8	2286	2614	3342	4139	6467	8522
7/16	2416	2857	3594	4821	7012	9284
1/2	2553	3002	3852	4857	7554	10058
5/8	2857	3380	4387	6071	8590	11584
3/4	3059	3683	4767	6164	9437	12846
7/8	3273	4065	5145	7095	10300	14119
1	3468	4485	5517	7307	11161	15436

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

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

DIA MM (js 16)	BORE (H7)	WIDTH (js 16)	PRICE (Rs.) EACH
40	16	32	4323
50	22	36	5257
63	27	40	6919
80	27	45	10223
100	32	50	15607
125	40	56	26168
160	50	63	49390

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	2974
1.1/2	1.1/8	1/2	3637
1.3/4	1.1/4	3/4	4322
2	1.3/8	3/4	4913
2.1/4	1.1/2	1	5925
2.1/2	1.5/8	1	6891
2.3/4	1.5/8	1	7834
3	1.3/4	1.1/4	9121
3.1/2	1.7/8	1.1/4	11373
4	2.1/4	1.1/2	16726
4.1/2	2.1/4	1.1/2	20052
5	2.1/4	1.1/2	26168
5.1/2	2.1/4	2	30611
6	2.1/4	2	35305

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF  
Rs. 35,000 / - NETT OR 3 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	1620
19.5	5	5 x 7.5	1841
	6	6 x 7.5	1841
22.5	5	5 x 9	2094
	6	6 x 9	2094
	8	8 x 9	2094
28.5	6	6 x 11	3397
	8	8 x 11	3397
	10	10 x 11	3397
32.5	7	7 x 13	4017
	8	8 x 13	4017
	10	10 x 13	4017
45.5	10	10 x 16	6823

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	2020	609	3547	1011	5108
607	2371	809	3547	1211	5108
807	2371	1009	3574	812	5771
608	2867	810	4197	1012	5771
808	2867	1010	4197	1212	5771
1008	2867	1210	4197		

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF  
Rs. 35,000 / - NETT OR 15 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)**

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*	SPIRAL FLUTES	
M2.0x0.40	429							
M2.2x0.45	429							
M2.3x0.40	429							
M2.5x0.45	429							
M3x0.5		260	328	354	284	358	418	
M3.5x0.6		260	328	354	284	358	418	
M4x0.7		260	328	354	284	358	418	
M4.5x0.75		280	346	377	301	377	422	
M5x0.8		279	346	377	301	377	422	
M6x1.0		279	346	377	308	388	425	593
M8x1.25		331	401	436	348	443	502	670
M10x1.5		406	499	542	408	546	596	890
M12x1.75					633	764	856	1373
M14x2.00					898	1109	1307	1909
M16x2.00					898	1109	1307	1909
M18x2.5					1384	1666	1893	2920
M20x2.5					1764	2111	2542	3898
M22x2.5					1890	2250	2642	3987
M24x3.0					2076	2507	2867	4493
M25x3.0					2569			5360
M27x3.0					3192			6889
M30x3.5					3574			8591
M33x3.5					4349			9482
M36x4.0					6049			12267
M39x4.0					7099			14778
M42x4.5					8284			17429
M45x4.5					11146			21018
M48x5.00					11883			24818
M52x5.0					14919			
M56x5.5					21231			
M60x5.5					22376			
M64x6.0					23533			
M68x6.0					29365			

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 :**

1. Sizes upto M 10 will be supplied as per Part II unless otherwise specified.
2. A Set Consist of Taper, Second & Bottoming.
3. 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  
HSSNUT 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	384	517					
M3.5x0.35	384	517					
M4x0.5	384	467					
M4.5x0.5	377	467					
M5x0.5	377	455					
M6x0.75	380	547	489	421	460	544	671
M7x0.75	441	547	581	441	525		852
M8x0.75							772
M8x1.0	398	476	522	441	482	579	772
M9x1.0							772
M10x1.0	453	547	628	508	548	693	1018
M10x1.25	453	547	628	508	548	693	1018
M12x1.0							1598
M12x1.25				738	838	991	1598
M12x1.5				738	838	991	1598
M14x1.0							2384
M14x1.25				943	1128	1360	2384
M14x1.5				911	1128	1320	2384
M16x1.0							2384
M16x1.5				911	1128	1324	2384
M18x1.0							3372
M18x1.5				1574	1764	2114	3372
M18x2.0				1574	1764	2114	3372
M20x1.5				1964	2209	2701	4322
M20x2.0				1964	2209	2701	4322
M22x1.5				2127	2420	2960	4588
M22x2.0				2127	2420	2960	4588
M24x1.5				2376	2665	3284	5457
M24x2.0				2376	2665	3284	5457
M25x1.5				2545			6136
M25x2.0				2545			
M26x1.5				2653			
M26x2.0				2653			
M27x1.5				3564			7732
M27x2.0				3564			
M28x1.5				3564			9627
M28x2.0				3564			
M30x1.5				4009			9627
M30x2.0				4009			9627
M30x3.0				4009			
M32x1.5				4249			
M32x2.0				4249			
M33x1.5				4893			
M33x2.0				4893			10677
M33x3.0				4893			



### 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	6787
M36x1.5	6787
M36x2.0	6787
M36x3.0	6787
M39x1.5	8452
M39x2.0	8452
M39x3.0	8452
M42x1.5	9363
M42x2.0	9363
M42x3.0	9363
M42x4.0	9363
M45x1.5	13029
M45x2.0	13029
M45x3.0	13029
M45x4.0	13029
M48x1.5	13532
M48x2.0	13532
M48x3.0	13532
M48x4.0	13532
M50x1.5	14978
M50x2.0	14978
M50x3.0	14978
M52x1.5	16852
M52x2.0	16852
M52x3.0	16852
M52x4.0	16852
M56x1.5	23111
M56x2.0	23111
M56x3.0	23111
M56x4.0	23111
M60x1.5	24444
M60x2.0	24444
M60x3.0	24889
M60x4.0	24889
M64x1.5	26133
M64x2.0	26133
M64x3.0	26489
M64x4.0	26489
M68x1.5	33067
M68x2.0	33067
M68x3.0	33333
M68x4.0	33333
M72x6.0	39622
M76x6.0	48363
M80x6.0	58533
M85x6.0	72044
M90x6.0	90018
M95x6.0	113300
M100x6.0	139978

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:

1. Sizes upto M 10 will be supplied as per Part II unless otherwise specified.
2. Serial Taps can be supplied at the same price.
3. 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	569	658	667
M4x0.7	569	658	667
M5x0.8	411	482	502
M6x1.0	440	518	545
M8x1.25	476	569	588
M10x1.5	604	693	737
M12x1.75	844	980	1075
M14x2.0	1215	1413	1627
M16x2.0	1215	1413	1627
M18x2.5	1788	2067	2331
M20x2.5	2221	2552	2777
M22x2.5	2467	2867	2796
M24x3.0	2724	3182	3471
M27x3.0	3968		
M30x3.5	4502		
M33x3.5	5310		
M36x4.0	7156		
M39x4.0	8371		
M42x4.5	9800		
M45x4.5	12859		
M48x5.0	14409		
M52x5.0	16667		
M56x5.5	22098		
M60x5.5	25320		
M64x6.0	28564		
M68x6.0	39809		

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	403	471
3/16	443	504
1/4	448	534
5/16	521	604
3/8	626	788
7/16	744	881
1/2	883	1017
5/8	1294	1495
3/4	1616	2209
7/8	2590	2894
1	3246	3423
1.1/8	4324	4630
1.1/4	5215	5632
1.1/2	8126	8494
1.3/8	8126	8494
1.5/8	9708	10090
1.3/4	11277	11681
1.7/8	13777	14146
2	16285	16641



**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	772	829
M3.5x0.35	772	829
M4x0.5	772	829
M4.5x0.5	500	587
M5x0.5	500	587
M6x0.75	500	587
M7x0.75	573	662
M8x1.0	526	627
M10x1.0	633	733
M10x1.25	644	744
M12x1.25	916	1059
M12x1.5	916	1059
M14x1.25	1199	1418
M14x1.5	1199	1418
M16x1.5	1174	1444
M18x1.5	1966	2387
M18x2.0	1966	2387
M20x1.5	2572	3036
M20x2.0	2572	3036
M22x1.5	2667	3152
M22x2.0	2667	3152
M24x1.5	2980	3516
M24x2.0	2980	3516
M25x1.5	3793	4482
M25x2.0	3793	4482
M26x1.5	3878	4578
M26x2.0	3878	4578
M27x1.5	4674	5342
M27x2.0	4674	5342
M28x1.5	5080	5793
M28x2.0	5080	5793
M30x1.5	5260	
M30x2.0	5260	
M30x3.0	5260	
M32x1.5	5777	
M32x2.0	5777	
M33x1.5	6361	
M33x2.0	6361	
M33x3.0	6361	
M35x1.5	8892	
M36x1.5	8892	
M36x2.0	8892	
M36x3.0	8892	
M39x1.5	10933	
M39x2.0	10933	
M39x3.0	10933	
M40x1.5	11689	
M40x2.0	11689	
M40x3.0	11689	
M42x1.5	12037	



### 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	12037
M42x3.0	12037
M42x4.0	12037
M45x1.5	16781
M45x2.0	16781
M45x3.0	16781
M45x4.0	16781
M48x1.5	17689
M48x2.0	17689
M48x3.0	17689
M48x4.0	17689
M50x1.5	20445
M50x2.0	20445
M50x3.0	20445
M52x1.5	21867
M52x2.0	21867
M52x3.0	21867
M52x4.0	21867

ITEM MARKED ARE EX-STOCK ITMS ALL REMAINNING 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					562	562
1/8	434	492	596	554	572	681
1/4	676	852	1051	992	1040	1284
3/8	996	1049	1298	1311	1373	1555
1/2	1452	1561	1889	1884	1978	2240
5/8	1644					
3/4	2229	2338	2876	2917	2958	3420
7/8	2780					
1	3504	3903	4774	4534	4653	5320
1.1/4	5262	6151		6646	6728	7836
1.1/2	6565	7601		8150	8689	
1.3/4	10044					
2	11788	13582		14320	15048	
2.1/4	20387					
2.1/2	29415			42933	43606	
2.3/4	32827					
3	38111			56173	56630	
3.1/2	49600			74043	74170	
4	62348			93334	95060	

ITEM MARKED ARE EX-STOCK ITMS ALL REMAINNING 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	320	400	652
1	320	400	652
2	272	364	566
3	272	364	566
4	272	364	566
5	272	364	626
6	301	391	694

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	305	374
1/4	26	330	380
5/16	26	411	469
3/8	26	500	572
7/16	26	628	754
1/2	26	778	907
9/16	26	1244	1375
1	24	2468	-
1.370	24	5218	-

B. S. B SIZE INCH	TPI	PRICE (Rs) EACH	
		STR. FLUTES	SPIRAL POINTED
1/4	26	321	376
5/16	26	423	484
3/8	26	484	555
7/16	26	642	764
1/2	26	791	921
9/16	26	1235	1359
5/8	26	1235	-
3/4	26	1597	-
1	26	2460	-

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	830	830
-	-	-	-
5/8	18	1269	-
3/4	16	1679	-
1	16	2621	-
1.1/4	16	3804	-
-	-	-	-
1.1/2	14	6083	-
2	14	10636	-

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>3775</b>
3/4" - 14 NGT tap interrupted 5 flutes to our Drg.No. M22 - 574	<b>4157</b>
3/4" - 14 NGT tap interrupted 5 flutes to our Drg.No. M22 - 535	<b>3608</b>
3/4" - 14 NGT tap NON-interrupted 4 flutes to our Drg.No. M22 -535	<b>2886</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>4239</b>
0.715" x 14 TPI -BSGT Tap NON-Interrupted 4 flutes to our Drg. No. SKT- 012	<b>3697</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	273	325		
3/16	273	334		587
1/4	283	340	395	665
5/16	320	396	437	834
3/8	389	476	543	1098
7/16	498	613	714	1362
1/2	630	755	871	1892
9/16	911	1111	1340	1892
5/8	911	1111	1340	2455
11/16				2455
3/4	1373	1644	1945	2886
7/8	1893	2282	2656	3953
1	2396	2767	3177	5142
1.1/8	3244			6923
1.1/4	3900			8582
1.3/8	5035			10213
1.1/2	6045			12238
1.5/8(BSF ONLY)	7123			13774
1.3/4	8378			17216
2	11882			24535
2.1/4	17713			
2.1/2	23307			
2.3/4	29076			
3	39040			

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	STRIGHT FLUTES PRICE (Rs.) EACH
M4x0.7	384
M5x0.8	411
M6x1.0	460
M8x1.25	479
M10x1.5	603
M12x1.75	707
M14x2.0	1227
M16x2.0	1227
M18x2.5	1925
M20x2.5	2574
1/8" BSW	410
5/32" BSW	420
3/16" BSW	420
1/4" BSW	428
5/16" BSW	479
3/8" BSW	603
7/16" BSW	847
1/2" BSW	847
9/16" BSW	1227
5/8" BSW	1227

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 35,000 / - NETT OR 30 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	HSS - M2	HSS - T42 10% Cobalt	HSS - T42 10% Cobalt CRYO +
3/16 x 3	5 x 75	113	277	
3/16 x 4	5 x 100	148	406	
3/16 x 6	5 x 150	230	861	
1/4 x 3	6 x 75	129	371	
1/4 x 4	6 x 100	150	495	
1/4 x 6	6 x 150	217	805	
1/4 x 8	6 x 200	311	1374	
5/16 x 3	8 x 75	143	479	
5/16 x 4	8 x 100	183	654	
5/16 x 6	8 x 150	308	1055	
5/16 x 8	8 x 200	391	1500	
3/8 x 3		179	563	598
3/8 x 4		217	746	805
3/8 x 6		338	1201	1271
3/8 x 8		462	1717	1819
3/8 x 10		595	2270	
	10 x 75	199	621	
	10 x 100	237	834	
	10 x 150	367	1307	
	10 x 200	511	1837	
	10 x 250	648	2426	
1/2 x 3	12 x 75	269	922	
1/2 x 4	12 x 100	338	1203	1278
1/2 x 6	12 x 150	518	1896	1976
1/2 x 8	12 x 200	682	2647	2755
1/2 x 10	12 x 250	1036	3647	
5/8 x 4	16 x 100	536	1930	
5/8 x 6	16 x 150	792	2978	3144
5/8 x 8	16 x 200	1073	4181	
3/4 x 4		743	2790	
3/4 x 6		1087	4104	4366
3/4 x 8		1485	5627	
	20 x 100	811	3056	
	20 x 150	1183	4579	
	20 x 200	1618	6099	
1 x 6	25 x 150	1831	6885	
1 x 8	25 x 200	2489	9159	

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.