



# PRECISION THAT **DRIVES** **PERFORMANCE**

HSS DRILLS + END MILLS + REAMERS +  
MILLING CUTTERS + TAPS + TOOL BITS

## TERMS AND CONDITIONS

### Prices :

- This supersedes all our previous price lists.
- Prices given in this pricelist are base prices. Taxes are extra as applicable.
- Price given here are for standard products.
- For unlisted intermediate sizes, the higher price of the nearest listed size will apply.
- The prices are for delivery on F.O.R Destination
- The prices are based on the present input costs and are subject to revision without prior notice.
- The dealers / stockiest are free to sell the goods at prices lower than the prices indicated in this price list.

### Minimum Order Quantities (MOQ) :

The Minimum Ordering (MOQ) mentioned against each product in this price list are for each size / length / bore size of that product. Any order for a quantity lesser than MOQ can be supplied with an additional surcharge, which will be furnished on request.

### Delivery :

Standard deliveries are indicated below, however Special Deliveries can be considered on request based on available load position at the time of ordering.

- \* FMI (Fast Moving Items) – within 6 weeks for MOQ Quantities from the date of Firm Order
- SFMI (Semi-fast Moving Items) – within 8 weeks for MOQ Quantities from the date of Firm Order
- OTHER Items – within 12 weeks for MOQ Quantities from the date of Firm Order

### Other Instructions :

The products indicated in this pricelist are conforming to National & International Standards. However, we can manufacture and supply special and customized tools as per the requirement of the customers and end-users on request. For special requirements please send your enquiries to : [customercare@indiantool.com](mailto:customercare@indiantool.com)

### Quick Spiral and Slow Spiral Drills

Series	Size	Standard	Surcharge (extra) on listed price indicated in this Price List
<b>Parallel Shank Twist Drills</b>			
<b>Jobber Series</b>	1.0 mm - 3.17 mm (1/8")	IS 5101 -2002 ISO 235 - 1980 BS 328 (PART 1)- 1993 DIN 338 - 1984	50%
	Above 3.17 mm (1/8")	IS 5101 -1991 BS 328 (PART 1)- 1986 ISO 235 - 1980 BS 328 (PART 1)- 1986 DIN 338 - 1984	25%
	1.0 mm - 3.17 mm (1/8")	IS 5101 -2002 ISO 235 - 1980 BS 328 (PART 1)- 1993 DIN 338 - 1984	50%
	Above 3.17 mm (1/8")	IS 5101 -1991 BS 328 (PART 1)- 1986 ISO 235 - 1980 BS 328 (PART 1)- 1986 DIN 338 - 1984	25%

<b>Stub Series</b>	1.0 mm - 3.17 mm (1/8")	IS 5100 -2002 ISO 235 - 1980 BS 328 (PART 1)- 1993 DIN 1897 - 1984	50%
	Above 3.17 mm (1/8")	IS 5100 -1969 ISO 235 - 1980 BS 328 (PART 1)- 1993 DIN 1897 - 1984	25%
<b>Long Series</b>	1.0 mm - 3.17 mm (1/8")	IS 5102 -2002 ISO 494 - 1975 BS 328 (PART 1)- 1993 DIN 340 - 1978	50%
	Above 3.17 mm (1/8")	IS 5102 -2002 ISO 494 - 1975 BS 328 (PART 1)- 1993 DIN 340 - 1978	25%

### Taper Shank Twist Drills

<b>All Series of Taper Shank</b>	3.0 mm - 102.0 mm (4")	IS 5103 -2002 ISO 235/1- 1980 BS 328 (PART 1)- 1993 DIN 345 - 1978	25%
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### Extra Long Series

<b>Parallel Shank</b>	3.0 mm - 12.50 mm (1/2")	IS 7823 -2005 ISO 3292 - 1995 IS 7822 -2005 ISO 3291 - 19795	25%
<b>Taper Shank</b>	3.0 mm - 102.0 mm (4")		
<b>Taper Shank Twist Drills</b>	3.0 mm - 102.0 mm (4")	IS 5103 -2002 ISO 235/1- 1980 BS 328 (PART 1)- 1993 DIN 345 - 1978	25%
<b>Taper Shank Core Shank Core Drills</b>	7.0 mm – 76.2 mm	IS 5103 -2002 ISO 235/1- 1980 BS 328 (PART 1)- 1993 DIN 345 - 1978	25%
<b>Over Size Shank Taper Shank Drills</b>	Any Size	IS 5103 -2002 ISO 235/1- 1980 BS 328 (PART 1)- 1993 DIN 345 - 1978	25%

### Milling Cutter :

- 1) For Convex cutters, Concave Cutter, Single Corner Rounding Cutters, we will manufacture to current IS – IS 6323-2002, IS 6322- 2002 and IS 6314-2002.
- 2) Slotting Cutter to BSS. Cutters of width 3/4" and above will be supplied with LH Helix as Standard.
- 3) Convex Cutters, Concave Cutters, Single Corner Rounding Cutters, Cutters will be radially Machine Turned Relieved.

## End Mills :

### Parallel Shank End Mills :

- 1) Type 'N' RH Helical Flutes for RH Cutting will be supplied as Standard
- 2) Long Series End Mills can be supplied at 30% Surcharge over the Standard Price with  
MOQ Up to 13 mm – 100 Nos. Each  
14 mm to 16 mm – 50 Nos. Each  
17 mm to 22 mm – 25 Nos. Each  
Above 22 mm – 10 Nos. Each

### Taper Shank End Mills :

- 1) Tanged TS End Mills in Tool Type 'N' with LH Helical Flutes for RH Cutting will be supplied as Standard
- 2) TS End Mills with Tapped End from 6.0 mm dia. can be manufactured and supplied as per IS 6354-1991

## Slot Drills :

### Parallel Shank Slot Drills :

- 1) Metric Sizes Type 'A' Flat Face of Short Series with RH Helical Flutes for RH Cutting..
- 2) Prices and MOQ for Standard series can be furnished on request.
- 3) Metric Sizes RH Cutting RH Helical Flutes will be supplied as Standard.

### Taper Shank Slot Drills :

- 1) Metric Sizes with Tapped End from 7.0 mm dia. can be manufactured and supplied as per IS 6388-1991.
- 2) RH Cutting RH Helical Flutes will be supplied as Standard.

## Taps :

### Hand Taps - MCP

A Set consists of Taper, Second and Bottoming.  
Part 2 Design will be supplied from M3 to M10 and Part 3 design will be supplied above M10.

### Hand Taps - MFP

A Set consists of Taper and Bottoming.  
Part 2 Design will be supplied from 3mm to 10mm and Part 3 design will be supplied above 10mm.

### Long Shank Machine Taps

- Type-A – 5 Deg. Taper Angle with Long Taper Lead
- Type-B – 10 Deg. Taper Lead Angle with Spiral Point
- Type-C – 20 Deg. Taper Angle with Short Taper Lead
- Type-D – 10 Deg. Taper Angle without Spiral Point

### BS CONDUIT & BSCY

A Set consists of 3 Taps (Taper, Second & Bottoming)  
The following Items of Taps can also be supplied at price indicated (MOQ as per the standard given in this Price List)

- a) LH Taps – Surcharge 25% extra on the Listed Price
- b) Part 3 Design taps (up to and Including 10mm) – Surcharge 15% Extra on the Listed Price
- c) Serial Taps – No Surcharge

### BSP (P), NPS, NPSF, BSPT, NPT & NPTF

A Set consists of 2 Taps (Taper & Bottoming)

## CONTENTS

### Drills

- **Parallel Shank Twist Drills – Jobber Series**

M2 Ground Drills  
M2 Ground Drills TIN Coated  
M35 Ground Drills - Panther  
M42 Ground Drills- Ninja  
M2 ForgeLine Drills  
M2 Hathyar Drills

- **Parallel Shank Twist Drills – M2 Stub Series**

Parallel Shank Twist Drills – Long Series  
M2 Ground Drills  
M2 Ground Drills TIN Coated  
M2 ForgeLine Drills  
M2 Hathyar Drills  
Parallel Shank Twist Drills – M2 Stub Series

- **Parallel Shank Twist Drills – M2 Long Series03**

- **Parallel Shank Twist Drills – M2 Extra Long Series04**

- **Taper Shank Twist Drills05**

M2  
M35 - Panther  
M42 - Ninja

- **Taper Shank Twist Drills – M2 Long Series**

- **Taper Shank Twist Drills – M2 Extra Long**

- **Taper Shank Core Drills – M2**

- **Centre Drills – BS, Type ‘A’, ‘B’ and ‘R’**

M2

### Reamers

Hand Reamers  
Machine Reamers with Taper Shank  
Chucking Reamers with Parallel Shank  
Chucking Reamers with Taper Shank  
Taper Shank Extra Long Machine Reamers  
Machine Jig Reamers  
Shell Reamers  
Machine Bridge Reamer  
Socket Reamers  
Taper Pin Reamer – Hand/Machine

## CONTENTS

### Milling Cutter

- **Cylindrical Cutters – High Power & Helical**
- **Side & Face Cutter – Straight & Staggered Teeth**
- **Single Angle Milling Cutter**
- **Double Angle Milling Cutter**
- **Equal Angle Milling Cutter**
- **Convex Cutters, Concave Cutters**
- **Corner Rounding Cutter (Single & Double)**

### End Mills

- **Parallel Shank End Mills**
- **Taper Shank End Mills**
- **Parallel Shank Slot Drills**
- **Taper Shank Slot Drills**
- **Wood Ruff Cutters**
- **Key Way Milling Cutters**

### Taps

- **Hand Taps : MCP**
  - M2
  - M35 -Panther
  - M2 Spiral Flute
  - M2 SPPT – Type B
- **Machine Taps : MCP**
- **Nut Taps : MCP**
- **Hand Taps : MFP**
  - M2
  - M35
  - M2 Spiral Flute
  - M2 SPPT – Type B

## CONTENTS

- **Machine Taps : MFP**
- **Nut Taps : MFP**
- **Hand Taps & Nut Taps (BSW, BSF, UNC, UNF)**
- **Hand Taps – BSP (P), NPS, NPSF, BSPT  
NPT, NPTF, BS COND & BSCY  
LPG Cylinder – NGT Taps**

### **Tool Bits**

- **HSS Square Tool Bits**  
M2  
T42  
T42C



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

SIZE			PRICE PER 10 PCS (Rs.)						
MM	INCH	DG	HATHYAR	FORGELINE	HSS M2	HSS M2 TIN	PANTHER	NINJA	MOQ
0.30			-	-	1865	2170	-	-	200
0.40			-	-	1617	1922	-	-	200
0.50			-	-	1174	1479	-	-	200
0.60			-	-	1174	1479	-	-	200
0.70			-	-	1174	1479	-	-	200
0.80			-	-	983	1288	-	-	200
0.90			-	-	937	1243	-	-	200
1.00			460	-	598	904	-	-	200
1.02		60	-	-	598	904	-	-	200
1.04		59	-	-	598	904	-	-	200
1.07		58	-	-	598	904	-	-	200
1.09		57	-	-	598	904	-	-	200
1.10			460	-	598	904	-	-	200
1.18		56	-	-	598	904	-	-	200
1.19	3/64★		460	-	598	904	-	-	200
1.20			460	-	598	904	-	-	200
1.30			460	-	598	904	-	-	200
1.32		55	-	-	598	904	-	-	200
1.40		54	460	-	598	904	-	-	200
1.50			460	-	598	904	-	-	200
1.51		53	-	-	598	904	-	-	200
1.59	1/16★		490	-	598	904	-	-	200
1.60			490	-	598	904	-	-	200
1.61		52	-	-	644	949	-	-	200
1.70		51	490	-	644	949	-	-	200
1.78		50★	-	-	644	949	-	-	200
1.80			490	-	644	949	-	-	200
1.85		49	-	-	644	949	-	-	200
1.90			490	-	644	949	-	-	200
1.93		48★	-	-	644	949	-	-	200
1.98	5/64★		490	-	644	949	-	-	200
1.99		47★	-	-	644	949	-	-	200
2.00			490	-	644	949	-	-	200
2.06		46	-	-	644	949	-	-	200
2.08		45	-	-	644	949	-	-	200
2.10			490	-	644	949	-	-	200
2.18		44	-	-	644	949	-	-	200
2.20			490	-	644	949	-	-	200
2.26		43★	-	-	644	949	-	-	200
2.30			520	-	644	949	-	-	200
2.37		42	-	-	644	1027	-	-	200
2.38	3/32★		520	-	644	1027	-	-	200
2.40			520	-	644	1027	-	-	200
2.44		41	-	-	644	1027	-	-	200
2.49		40	-	-	644	1027	-	-	200
2.50			520	-	644	1027	-	-	200

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

SIZE			PRICE PER 10 PCS (Rs.)						
MM	INCH	DG	HATHYAR	FORGELINE	HSS M2	HSS M2 TIN	PANTHER	NINJA	MOQ
2.53		39	-	-	644	1027	-	-	200
2.58		38	-	-	644	1027	-	-	200
2.60			550	-	644	1027	-	-	200
2.64		37	-	-	644	1027	-	-	200
2.70			550	-	644	1027	-	-	200
2.71		36	-	-	644	1027	-	-	200
2.78	7/64★		550	-	644	1027	-	-	200
2.79		35	-	-	707	1091	-	-	200
2.80			550	-	707	1091	-	-	200
2.82		34	-	-	707	1091	-	-	200
2.87		33	-	-	707	1091	-	-	200
2.90			550	-	707	1091	-	-	200
2.95		32	-	-	707	1091	-	-	200
3.00			540	655	707	1091	885	1272	200
3.05		31★	-	-	842	1226	-	-	200
3.10			640	780	842	1226	1053	1517	200
3.17	1/8★		640	780	842	1226	1053	1517	200
3.20			710	807	872	1255	1092	1568	200
3.26		30★	-	-	872	1255	-	-	200
3.30			710	807	872	1255	1092	1568	200
3.40			710	807	872	1255	1092	1568	200
3.45		29	-	-	872	1255	-	-	200
3.50			710	807	872	1255	1092	1568	200
3.57	9/64★	28	750	807	872	1255	1092	1568	200
3.60			890	1140	1231	1615	1540	2219	200
3.66		27	-	-	1231	1615	-	-	200
3.70			960	1140	1231	1615	1540	2219	200
3.73		26	-	-	1231	1667	-	-	200
3.80		25	960	1140	1231	1667	1540	2219	200
3.86		24	-	-	1231	1667	-	-	200
3.90			960	1140	1231	1667	1540	2219	200
3.91		23	-	-	1231	1667	-	-	200
3.97	5/32★		940	1140	1231	1667	1540	2219	200
3.99		22	-	-	1231	1667	-	-	200
4.00			940	1140	1231	1667	1540	2219	200
4.04		21	-	-	1495	1931	-	-	200
4.09		20	-	-	1495	1931	-	-	200
4.10			1140	1384	1495	1931	1870	2690	200
4.20			1140	1384	1495	1931	1870	2690	200
4.22		19★	-	-	1495	1931	-	-	200
4.30		18	1140	1384	1495	1931	1870	2690	200
4.37	11/64★		1160	1384	1495	1931	1870	3533	200
4.39		17	-	-	1495	1931	-	-	200
4.40			1160	1384	1495	1931	1870	2690	200
4.50		16	1410	1818	1963	2400	2455	3533	200
4.57		15	-	-	1963	2400	-	-	200

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

SIZE			PRICE PER 10 PCS (Rs.)						
MM	INCH	DG	HATHYAR	FORGELINE	HSS M2	HSS M2 TIN	PANTHER	NINJA	MOQ
4.60			1410	1818	1963	2400	2455	3533	200
4.62		14	-	-	1963	2400	-	-	200
4.70		13	1410	1818	1963	2400	-	-	200
4.76	3/16★		1410	1818	1963	2400	2455	3533	200
4.80		12	1460	1818	1963	2400	2455	3533	200
4.85		11	-	-	2131	2567	-	-	200
4.90			1520	1973	2131	2567	-	-	200
4.92		10	-	-	2131	2567	-	-	200
4.98		9	-	-	2131	2567	-	-	200
5.00			1530	1973	2131	2567	2665	3836	200
5.06		8	-	-	2131	2567	-	-	100
5.10			1530	1973	2131	2567	2665	3836	100
5.11		7	-	-	2131	2567	-	-	100
5.16	13/64★		1530	1973	2131	2567	2665	3836	100
5.18		6	-	-	2131	2567	-	-	100
5.20			1530	1973	2131	2567	2665	3836	100
5.22		5	-	-	2299	2735	-	-	100
5.30			1750	2129	2299	2735	2874	4139	100
5.31		4	-	-	2299	2735	-	-	100
5.40			1750	2129	2299	2735	2874	4139	100
5.41		3	-	-	2299	2735	-	-	100
5.50			1750	2129	2299	2735	2874	4139	100
5.56	7/32★		1880	2129	2299	2735	2874	4139	100
5.60			1750	2129	2299	2735	2874	4139	100
5.61		2	-	-	2587	3023	-	-	100
5.70			1940	2395	2587	3023	-	-	100
5.79		1	-	-	2587	3023	-	-	100
5.80			1940	2395	2587	3023	3234	4657	100
5.90			1940	2395	2587	3023	-	-	100
5.94		A	-	-	2587	3023	-	-	100
5.95	15/64★		1940	2395	2587	3023	-	-	100
6.00			1940	2395	2587	3284	3234	4657	100
6.04		B	-	-	2817	3514	-	-	100
6.10			2150	2608	2817	3514	3521	5072	100
6.15		C	-	-	2817	3514	-	-	100
6.20			2150	2608	2817	3514	3521	5072	100
6.25		D	-	-	2817	3514	-	-	100
6.30			2180	2608	2817	3514	3521	5072	100
6.35	1/4★	E	2180	2608	2817	3514	3521	5072	100
6.40			2180	2608	2766	3464	-	-	100
6.50			2740	3267	3528	4226	4408	6350	100
6.53		F★	-	-	3528	4226	-	-	100
6.60			2740	3267	3528	4226	4408	6350	100
6.63		G	-	-	3528	4226	-	-	100
6.70			2740	3267	3528	4226	4408	6350	100
6.75	17/64★	H	2740	3267	3528	4226	4408	6350	100

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

SIZE			PRICE PER 10 PCS (Rs.)						
MM	INCH	DG	HATHYAR	FORGELINE	HSS M2	HSS M2 TIN	PANTHER	NINJA	MOQ
6.80			2740	3267	3528	4226	4408	6350	100
6.90		I	2970	3576	3862	4560	-	-	100
7.00			2970	3576	3862	4560	4826	6950	100
7.03		J	-	-	3862	4560	-	-	100
7.10			3150	3576	3862	4560	-	-	100
7.14	9/32★	K	3250	3576	3862	4560	4826	6950	100
7.20			3210	3576	3862	4560	4826	6950	100
7.30			3210	3773	4075	4773	-	-	100
7.37		L	-	-	4075	4773	-	-	100
7.40			3210	3773	4075	4773	5094	7335	100
7.49		M	-	-	4075	4773	-	-	100
7.50			3210	3773	4075	4773	5094	7335	100
7.54	19/64★		3575	4084	4411	5457	-	-	100
7.60			3670	4084	4411	5457	5515	7940	100
7.67		N	-	-	4411	5457	-	-	100
7.70			3600	4084	4411	5457	-	-	100
7.80			3600	4084	4411	5457	5515	7940	100
7.90			3600	4084	4411	5457	-	-	100
7.94	5/16★		3810	4485	4844	5891	6052	8718	100
8.00			4300	4485	4844	5891	6052	8718	100
8.03		O	-	-	4844	5891	-	-	100
8.10			4300	4485	4844	6152	6052	8718	100
8.20		P	4300	4485	4844	6152	6052	8718	100
8.30			4480	5435	5870	7178	7336	10565	100
8.33	21/64★		4480	5435	5870	7178	7336	10565	100
8.40			4690	5435	5870	7178	-	-	100
8.43		Q	-	-	5870	7178	-	-	100
8.50			4690	5435	5870	7178	7336	10565	100
8.60			4690	5435	5870	7484	7336	10565	100
8.61		R	-	-	5870	7484	-	-	100
8.70			4690	5435	5870	7484	7336	10565	100
8.73	11/32★		5050	5725	6183	7797	-	-	100
8.80			4940	5725	6183	7797	7729	11127	100
8.84		S	-	-	6183	7797	-	-	100
8.90			4940	5725	6183	7797	-	-	100
9.00			4940	5725	6183	8058	7729	11127	100
9.09		T	-	-	6451	8326	-	-	100
9.10			5550	5973	6451	8326	-	-	100
9.13	23/64★		550	5973	6451	8326	-	-	100
9.20			5550	5973	6451	8326	-	-	100
9.30			5550	5973	6451	8326	8060	11611	100
9.34		U★	-	-	6451	8326	-	-	100
9.40			5550	5973	6451	8326	8060	11611	100
9.50			5550	5973	6451	8326	8060	11611	100
9.52	3/8★		5860	6770	7312	9187	9140	13160	100
9.58		V	-	-	7312	9187	-	-	100



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

SIZE			PRICE PER 10 PCS (Rs.)						
MM	INCH	DG	HATHYAR	FORGELINE	HSS M2	HSS M2 TIN	PANTHER	NINJA	MOQ
9.60			6400	6770	7312	9187	-	-	100
9.70			6400	6770	7312	9187	9140	13160	100
9.80		W	6400	6770	7312	9187	9140	13160	100
9.90			6420	7579	8185	10061	-	-	100
9.92	25/64★		6420	7579	8185	10061	-	-	100
10.00			6420	7579	8185	10366	10230	14732	100
10.08		X	-	-	8185	10366	-	-	100
10.10			7200	7579	8185	10366	-	-	100
10.20			7200	7579	8185	10366	10230	14732	100
10.26		Y	-	-	8869	11050	-	-	100
10.30			7300	8212	8869	11050	11089	15963	100
10.32	13/32★		7300	8212	8869	11050	11089	15963	100
10.40			7300	8212	8869	11050	11089	15963	100
10.49		Z	-	-	8869	11050	-	-	100
10.50			7350	8212	8869	11050	11089	15963	100
10.60			7800	8212	8869	11050	-	-	50
10.70			8100	8695	9391	11571	11738	16903	50
10.72	27/64★		8100	8695	9391	11571	-	-	50
10.80			8100	8695	9391	11571	-	-	50
10.90			8100	8695	9391	11571	-	-	50
11.00			8100	8695	9391	11571	11738	16903	50
11.10			9100	9705	10481	13098	-	-	50
11.11	7/16★		9050	9705	10481	13098	13102	18868	50
11.20			9100	9705	10481	13098	-	-	50
11.30			9100	9705	10481	13098	-	-	50
11.40			9100	9705	10481	13098	-	-	50
11.50			9100	10237	11056	13673	13819	19899	50
11.51	29/64★		9100	10237	11056	13673	-	-	50
11.60			9750	10237	11056	13673	-	-	50
11.70			9750	10237	11056	13673	-	-	50
11.80			9750	10237	11056	13673	13819	19899	50
11.90			10200	10933	11808	14425	-	-	50
11.91	15/32★		10300	10933	11808	14425	-	-	50
12.00			10200	10933	11808	14425	14759	21251	50
12.10			10400	-	11808	14861	-	-	50
12.20			10400	-	11808	14861	-	-	50
12.30	31/64★		10900	11596	12524	15576	-	-	50
12.40			10900	11596	12524	15576	-	-	50
12.50			10900	11596	12524	15576	15655	22542	50
12.60			10900	11596	12524	15576	-	-	50
12.70	1/2★		11600	12243	13222	16275	16526	23801	50
12.80			11600	12349	13337	16390	16671	24007	50
12.90			11600	12349	13337	16390	-	-	50
13.00			11600	12349	13337	16390	16671	24007	50
13.10	33/64★		-	-	16590	20166	-	-	20
13.20			-	-	16590	20166	-	-	20

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

SIZE			PRICE PER 10 PCS (Rs.)						
MM	INCH	DG	HATHYAR	FORGELINE	HSS M2	HSS M2 TIN	PANTHER	NINJA	MOQ
13.30			-	-	16590	20166	-	-	20
13.40			-	-	16590	20166	-	-	20
13.49	17/32★		-	-	17661	21237	-	-	20
13.50			-	-	17661	21237	-	-	20
13.60			-	-	17661	21237	-	-	20
13.70			-	-	17661	21237	-	-	20
13.80			-	-	17661	21237	-	-	20
13.89	35/64		-	-	19161	22737	-	-	20
13.90			-	-	19161	22737	-	-	20
14.00			-	-	19161	22737	-	-	20
14.25			-	-	19161	23086	-	-	20
14.29	9/16★		-	-	20104	24029	-	-	20
14.50			-	-	20104	24029	-	-	20
14.68	37/64		-	-	21663	25588	-	-	20
14.75			-	-	21663	25588	-	-	20
15.00			-	-	21663	25588	-	-	20
15.08	19/32		-	-	21663	26024	-	-	20
15.25			-	-	21663	26024	-	-	20
15.48	39/64		-	-	23472	27833	-	-	20
15.50			-	-	23472	27833	-	-	20
15.75			-	-	23472	27833	-	-	20
15.87	5/8★		-	-	23472	27833	-	-	20
16.00			-	-	23472	27833	-	-	20
17.00			-	-	24828	30062	-	-	20
17.46	11/16		-	-	24828	30062	-	-	20
18.00			-	-	26866	32100	-	-	20
19.00			-	-	28415	34085	-	-	20
19.05	3/4		-	-	28415	34085	-	-	20
20.00			-	-	33943	39613	-	-	20
21.00			-	-	33943	39613	-	-	20
22.00			-	-	38062	43732	-	-	20
22.22	7/8		-	-	38062	43732	-	-	20

ITEMS MARKED ★ (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS (RH & LH) WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 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" **50 % extra**  
 Sizes over (3.17 mm) 1/8" **25 % extra**  
 (b) Jobbers with Tenon **10 % extra**

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

	Price Rs. / Set
Jobber Drill 25 Pcs. Set (0.5 mm Rise) 1.00 To 13.00 MM	<b>13973</b> 0
Jobber Drill 13 Pcs. Set (1/64" Rise) 1/16" To 1/4"	<b>2568</b> 0

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

SIZE		PRICE PER 10 PCS (Rs.)					
MM	INCH	HATHYAR	FORGELINE	HSS M2	HSS M35	HSS M42	MOQ
1.00		440	581	627	-	-	200
1.19	3/64	440	581	627	-	-	200
1.20		440	581	627	-	-	200
1.50		440	581	627	-	-	200
1.59	1/16	470	581	627	-	-	200
1.80		470	581	627	-	-	200
1.98	5/64	470	581	627	-	-	200
2.00		470	581	627	-	-	200
2.20		470	581	627	-	-	200
2.38	3/32	485	581	627	-	-	200
2.50		485	581	627	-	-	200
2.78	7/64	500	581	627	-	-	200
2.80		500	628	678	-	-	200
3.00		500	655	707	-	-	200
3.17	1/8	615	760	821	1064	1477	200
3.20		639	797	861	1116	1549	200
3.50		639	797	861	1116	1549	200
3.57	9/64	639	797	861	1116	1549	200
3.80		864	1104	1192	1546	2146	200
3.97	5/32	864	1104	1192	1546	2146	200
4.00		864	1104	1192	1546	2146	200
4.20		1044	1226	1324	1716	2383	200
4.37	11/64	1044	1226	1324	1716	2383	200
4.50		1269	1625	1755	2275	3159	200
4.76	3/16	1269	1625	1755	2275	3159	200
4.80		1269	1625	1755	2275	3159	200
5.00		1377	1728	1866	2419	3359	200
5.16	13/64	1377	1728	1866	2419	3359	100
5.20		1377	1728	1866	2419	3359	100
5.50		1575	1877	2027	2628	3649	100
5.56	7/32	1575	1877	2027	2628	3649	100
5.80		1746	2114	2283	2960	4110	100
5.95	15/64	1746	2114	2283	2960	4110	100
6.00		1746	2114	2283	2960	4110	100
6.20		1962	2365	2554	3311	4598	100
6.35	1/4	1962	2365	2554	3311	4598	100
6.50		2466	2858	3087	4001	5556	100
6.75	17/64	2466	2858	3087	4001	5556	100
6.80		2466	2858	3087	4001	5556	100
7.00		2889	3133	3384	4386	6091	100
7.14	9/32	2889	3133	3384	4386	6091	100
7.20		2889	3133	3384	4386	6091	100
7.50		2889	3255	3515	4557	6328	100
7.54	19/64	3240	3576	3862	5006	6952	100
7.80		3240	3576	3862	5006	6952	100
7.94	5/16	3429	3934	4249	5508	7648	100

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

SIZE		PRICE PER 10 PCS (Rs.)					
MM	INCH	HATHYAR	FORGELINE	HSS M2	HSS M35	HSS M42	MOQ
8.00		3429	3934	4249	5508	7648	100
8.20		3429	3934	4249	5508	7648	100
8.33	21/64	4221	4915	5308	6881	9555	100
8.50		4221	4915	5308	6881	9555	100
8.73	11/32	4446	5126	5536	7176	9965	100
8.80		4446	5126	5536	7176	9965	100
9.00		4446	5126	5536	7176	9965	100
9.13	23/64	4995	5414	5847	7580	10525	100
9.20		4995	5414	5847	7580	10525	100
9.50		4995	5414	5847	7580	10525	100
9.52	3/8	5760	5660	6113	7924	11003	100
9.80		5760	5660	6113	7924	11003	100
9.92	25/64	5778	6925	7479	9695	13462	100
10.00		5778	6925	7479	9695	13462	100
10.20		6570	6925	7479	9695	13462	50
10.32	13/32	6570	7455	8051	10437	14493	50
10.50		6570	7455	8051	10437	14493	50
10.72	27/64	7515	8393	9064	11750	16316	50
10.80		7515	8393	9064	11750	16316	50
11.00		7515	8393	9064	11750	16316	50
11.11	7/16	8190	8742	9441	12239	16994	50
11.20		8190	8742	9441	12239	16994	50
11.50		8190	9353	10101	13094	18182	50
11.51	29/64	8190	9353	10101	13094	18182	50
11.80		9180	9353	10101	13094	18182	50
11.91	15/32	9180	9895	10687	13853	19236	50
12.00		9180	9895	10687	13853	19236	50
12.20		9810	9895	10687	13853	19236	50
12.30	31/64	9810	10754	11614	15056	20906	50
12.50		9810	10754	11614	15056	20906	50
12.70	1/2	10620	10986	11865	15380	21357	50
12.80		10620	11081	11967	15513	21541	50
13.00		10620	11081	11967	15513	21541	50
13.20		-	-	14014	18166	25225	50
13.49	17/32	-	-	14014	18166	25225	50
13.50		-	-	14934	19359	26882	50
13.80		-	-	14934	19359	26882	50
14.00		-	-	16259	21077	29267	50
14.25		-	-	16259	21077	29267	50
14.29	9/16	-	-	16259	21077	29267	50
14.50		-	-	16934	21952	30482	50
14.75		-	-	18310	23736	32959	50
15.00		-	-	18310	23736	32959	50
15.08	19/32	-	-	18310	23736	32959	50
15.25		-	-	18310	23736	32959	50
15.50		-	-	19821	25694	35678	50

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

SIZE		PRICE PER 10 PCS (Rs.)					
MM	INCH	HATHYAR	FORGELINE	HSS M2	HSS M35	HSS M42	MOQ
15.75		-	-	19821	25694	35678	50
15.87	5/8	-	-	19821	25694	35678	50
16.00		-	-	19821	25694	35678	50
16.25		-	-	20138	26104	36248	50
16.50		-	-	20138	26104	36248	50
16.67	21/32	-	-	20138	26104	36248	50
16.75		-	-	20544	26631	36979	50
17.00		-	-	20544	26631	36979	50
17.25		-	-	20917	27115	37651	50
17.46	11/16	-	-	20917	27115	37651	50
17.50		-	-	20917	27115	37651	50
17.75		-	-	21203	27485	38165	50
18.00		-	-	21203	27485	38165	50
18.25		-	-	21579	27973	38843	50
18.26	23/32	-	-	21579	27973	38843	50
18.50		-	-	21579	27973	38843	50
18.75		-	-	21963	28470	39533	50
19.00		-	-	21963	28470	39533	50
19.05	3/4	-	-	21963	28470	39533	50
19.25		-	-	22335	28953	40204	50
19.50		-	-	22335	28953	40204	50
19.75		-	-	22335	28953	40204	50
19.84	25/32	-	-	22335	28953	40204	50
20.00		-	-	22718	29449	40892	50
20.25		-	-	23191	30062	41744	10
20.50		-	-	23191	30062	41744	10
20.64	13/16	-	-	23191	30062	41744	10
20.75		-	-	24119	31265	43413	10
21.00		-	-	24119	31265	43413	10
21.25		-	-	24412	31646	43942	10
21.43	27/32	-	-	24412	31646	43942	10
21.50		-	-	25234	32711	45422	10
21.75		-	-	25557	33130	46003	10
22.00		-	-	25557	33130	46003	10
22.22	7/8	-	-	25557	33130	46003	10
22.25		-	-	27185	35239	48932	10
22.50		-	-	27185	35239	48932	10
22.75		-	-	27563	35729	49613	10
23.00		-	-	27563	35729	49613	10
23.02	29/32	-	-	27563	35729	49613	10
23.25		-	-	29147	37783	52465	10
23.50		-	-	29147	37783	52465	10
23.75		-	-	29147	37783	52465	10
23.81	15/16	-	-	29147	37783	52465	10
24.00		-	-	32254	41811	58058	10
24.25		-	-	32254	41811	58058	10

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

SIZE		PRICE PER 10 PCS (Rs.)					
MM	INCH	HATHYAR	FORGELINE	HSS M2	HSS M35	HSS M42	MOQ
24.50		-	-	32254	41811	58058	10
24.61	31/32	-	-	32254	41811	58058	10
24.75		-	-	35381	45864	63685	10
25.00		-	-	35381	45864	63685	10
25.25		-	-	35554	46088	63996	10
25.40	1	-	-	35554	46088	63996	10
25.50		-	-	40126	52016	72227	10
26.00		-	-	40126	52016	72227	10
26.19	1.1/32	-	-	41053	53217	73895	10
26.50		-	-	41053	53217	73895	10
26.99	1.1/16	-	-	41529	53834	74753	10
27.00		-	-	43763	56729	78773	10
27.50		-	-	43763	56729	78773	10
27.78	1.3/32	-	-	46314	60036	83365	10
28.00		-	-	46314	60036	83365	10
28.50		-	-	46666	60493	83998	10
28.57	1.1/8	-	-	46666	60493	83998	10
29.00		-	-	48969	63479	88145	10
29.37	1.5/32	-	-	53907	69880	97033	10
29.50		-	-	53907	69880	97033	10
30.00		-	-	54627	70813	98329	10
30.16	1.3/16	-	-	54627	70813	98329	10
30.50		-	-	61475	79689	110654	10
30.96	1.7/32	-	-	61475	79689	110654	10
31.00		-	-	61475	79689	110654	10
31.50		-	-	62397	80885	112315	10
31.75	1.1/4	-	-	62397	80885	112315	10
32.00		-	-	63741	82627	114733	10
32.50		-	-	65737	85215	118327	10
32.54	1.9/32	-	-	65737	85215	118327	10
33.00		-	-	65737	85215	118327	10
33.34	1.5/16	-	-	65737	85215	118327	10
33.50		-	-	69149	89638	124468	10
34.00		-	-	69149	89638	124468	10
34.13	1.11/32	-	-	75889	98375	136601	10
34.50		-	-	75889	98375	136601	10
34.92	1.3/8	-	-	75889	98375	136601	10
35.00		-	-	83445	108170	150201	10
35.50		-	-	84635	109712	152344	10
35.72	1.13/32	-	-	84635	109712	152344	10
36.00		-	-	84635	109712	152344	10
36.50		-	-	84635	109712	152344	10
36.51	1.7/16	-	-	84635	109712	152344	10
37.00		-	-	90981	117939	163766	10
37.31	1.15/32	-	-	92342	119703	166216	10
37.50		-	-	92342	119703	166216	10



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

SIZE		PRICE PER 10 PCS (Rs.)					
MM	INCH	HATHYAR	FORGELINE	HSS M2	HSS M35	HSS M42	MOQ
38.00		-	-	92342	119703	166216	10
38.10	1.1/2	-	-	92342	119703	166216	10
38.50		-	-	103111	133662	185600	10
39.00		-	-	103111	133662	185600	10
39.50		-	-	104886	135964	188795	10
40.00		-	-	104886	135964	188795	10

ITEMS MARKED ★ (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS (RH & LH) WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 50 NOS. PER SIZE WHICHEVER IS HIGHER.

**IMPORTANT NOTES :**

1. Sizes up to 13 mm should be ordered in multiples of 10 only.
2. For non listed intermediate sizes, the higher price of the nearest listed size (INCH or MM) will be applicable.
3. (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 to IS : 5362 can be supplied from
 

Sizes (3.00 mm) 1/8" and above only	<b>25 % extra</b>
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## HSS PARALLEL SHANK (LONG SERIES) TWIST DRILLS - IS : 5102

SIZE		PRICE (Rs.) EACH	
MM	INCH	HSS M2	HSS M35
0.60		657	-
0.70		613	-
0.80		549	-
1.00		348	-
1.10		348	-
1.19	3/64	348	-
1.20		348	-
1.30		348	-
1.40		348	-
1.50		348	-
1.59	1/16	348	-
1.60		348	-
1.70		348	-
1.80		348	-
1.90		348	-
1.98	5/64	348	-
2.00★		348	451
2.10		348	451
2.20		348	451
2.30		445	577
2.38	3/32★	445	577
2.40		445	577
2.50★		445	577
2.60		445	577
2.70		445	577
2.78	7/64	445	577
2.80★		445	577
2.90		445	577
3.00★		449	582
3.10		449	582
3.17	1/8★	449	582
3.20		449	582
3.30★		449	582
3.40		449	582
3.50★		449	582
3.57	9/64	449	582
3.60		484	627
3.70		484	627
3.80		484	627
3.90		484	627
3.97	5/32★	484	627
4.00★		484	627
4.10		484	627
4.20		484	627
4.30		484	627
4.37	11/64	484	627

SIZE		PRICE (Rs.) EACH	
MM	INCH	HSS M2	HSS M35
4.40		484	627
4.50		484	627
4.60		484	627
4.70		484	627
4.76	3/16	484	627
4.80		484	627
4.90		569	738
5.00★		569	738
5.10		569	738
5.16	13/64	569	738
5.20		569	738
5.30		654	848
5.40		654	848
5.50		654	848
5.56	7/32	654	848
5.60		710	920
5.70		710	920
5.80		710	920
5.90		710	920
5.95	15/64	710	920
6.00★		710	920
6.10		810	1050
6.20		810	1050
6.30		810	1050
6.35	1/4★	741	960
6.40		1032	1338
6.50		1032	1338
6.60		1245	1614
6.70		1245	1614
6.75	17/64	1245	1614
6.80		1245	1614
6.90		1245	1614
7.00		1245	1614
7.10		1245	1614
7.14	9/32	1245	1614
7.20		1245	1614
7.30		1245	1614
7.40		1245	1614
7.50		1245	1614
7.54	19/64	1245	1614
7.60		1245	1614
7.70		1245	1614
7.80		1245	1614
7.90		1283	1663
7.94	5/16	1283	1663
8.00★		1283	1663



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

SIZE		PRICE (Rs.) EACH	
MM	INCH	HSS M2	HSS M35
8.10		1283	1663
8.20		1283	1663
8.30		1283	1663
8.33	21/64	1283	1663
8.40		1283	1663
8.50		1293	1676
8.60		1359	1761
8.70		1359	1761
8.73	11/32	1359	1761
8.80		1645	2132
9.00		1429	1852
9.13	23/64	1617	2096
9.20		1645	2132
9.50		1429	1852
9.52	3/8	1429	1852
9.80		1653	2143
9.92	25/64	1653	2143
10.00★		1495	1938
10.20		1653	2143
10.32	13/32	1495	1938
10.50		1795	2327
10.72	27/64	2040	2645
10.80		2040	2645
11.00		1878	2435
11.11	7/16	1878	2435
11.20		2182	2828
11.50		1931	2503
11.51	29/64	2182	2828
11.80		2182	2828
11.91	15/32	1931	2503
12.00		1992	2582
12.20		2220	2878
12.30	31/64	2220	2878
12.50		1990	2580
12.70	1/2	1990	2580
12.80		3047	3949
13.00		2762	3580
13.10	33/64	3070	3980
13.20		3070	3980
13.49	17/32	2817	3651
13.50		3070	3980
13.80		3342	4332
13.89	35/64	3342	4332
14.00		3070	3980
14.25		3070	3980
14.29	9/16	3070	3980

SIZE		PRICE (Rs.) EACH	
MM	INCH	HSS M2	HSS M35
14.50		3217	4171
14.68	37/64	3543	4593
14.75		3217	4171
15.00		3217	4171
15.08	19/32	3217	4171
15.25		3342	4332
15.48	39/64	3651	4733
15.50		3342	4332
15.75		3342	4332
15.87	5/8	3342	4332
16.00		3394	4400
16.25		3394	4400
16.27	41/64	3778	4897
16.50		3459	4484
16.67	21/32	3459	4484
16.75		3543	4593
17.00		3543	4593
17.07	43/64	3849	4990
17.25		3543	4593
17.46	11/16	3543	4593
17.50		3778	4897
17.75		3778	4897
17.86	45/64	4176	5414
18.00		3849	4990
18.25		3849	4990
18.26	23/32	3849	4990
18.50		4009	5197
18.65	47/64	4042	5240
18.75		4082	5292
19.00		4082	5292
19.05	3/4	4082	5292
19.25		4314	5592
19.45	49/64	4715	6112
19.50		4314	5592
19.75		4314	5592
19.84	25/32	4314	5592
20.00		4579	5936
20.24	51/64	4862	6303
20.25		4579	5936
20.30		4579	5936
20.64	13/16	4579	5936
20.75		4715	6112
21.00		4715	6112
21.03	53/64	5160	6689
21.25		4862	6303
21.43	27/32	4862	6303

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

SIZE		PRICE (Rs.) EACH	
MM	INCH	HSS M2	HSS M35
21.50		5160	6689
21.75		5160	6689
21.83	55/64	5519	7154
22.00		5160	6689
22.15		5585	7239
22.22	7/8	5160	6689
22.25		5585	7239
22.62	57/64	5966	7734
22.75		5712	7405
23.00		5712	7405
23.02	29/32	5712	7405
23.25		5787	7501
23.42	59/64	6823	8845
23.50		6336	8214
23.75		6336	8214
23.81	15/16	6336	8214
24.00		6604	8561
24.21	61/64	7208	9344
24.25		6604	8561
24.50		6604	8561
24.61	31/32	6604	8561
24.75		7080	9178
25.00	63/64	7080	9178
25.25		7170	9295
25.40	1	7170	9295
25.50		8831	11448
25.75		8831	11448
25.80	1.1/64	9019	11691
26.00		9019	11691
26.19	1.1/32	9019	11691
26.25		9725	12607
26.50		9725	12607
26.59	1.3/64	9942	12888
26.75		9942	12888
26.99	1.1/16	9942	12888
27.00		10134	13136
27.25		10134	13136
27.38	1.5/64	10249	13286
27.50		10249	13286
27.75		10249	13286
27.78	1.3/32	10249	13286
28.00		11194	14511
28.18	1.7/64	11343	14704
28.25		11343	14704
28.50		11343	14704
28.57	1.1/8	11343	14704

SIZE		PRICE (Rs.) EACH	
MM	INCH	HSS M2	HSS M35
28.75		11439	14829
28.97	1.9/64	11675	15134
29.00		11675	15134
29.25		11675	15134
29.37	1.5/32	11675	15134
29.50		11828	15333
29.75		11828	15333
29.77	1.11/64	12056	15628
30.00		12056	15628
30.16	1.3/16	12056	15628
30.25		12814	16611
30.50		12814	16611
30.56	1.13/64	13053	16920
30.75		13053	16920
30.96	1.7/32	13053	16920
31.00		14518	18820
31.25		14518	18820
31.35	1.15/64	15043	19501
31.50		15043	19501

ITEMS MARKED ★ (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS (RH) ONLY WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 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 up to (3.17 mm) 1/8" **50 % extra**
  - Sizes over (3.17 mm) 1/8" **25 % extra**
- (b) Left Hand Drills to IS : 5362
  - SIZE**
  - 3.00 mm to 7.00 mm
  - 7.1 mm to 12.7 mm
  - 12.8 mm to 20 mm
  - Above 20 mm
- (c) long series Drills with Tenon
  - Sizes 3.00 mm to 6.50 mm **10 % extra**
  - Sizes over 6.50 mm **5 % extra**

Sizes below 1 mm are manufactured to our Standrad



SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
3.00		555	-	-
3.17	1/8	555	-	-
3.20		580	-	-
3.50		555	-	-
3.57	9/64	580	-	-
3.80		580	-	-
3.97	5/32	555	-	-
4.00		555	-	-
4.20		750	-	-
4.37	11/64	750	-	-
4.50		750	-	-
4.76	3/16	750	-	-
4.80		750	-	-
5.00		750	-	-
5.16	13/64	771	-	-
5.20		771	-	-
5.50		750	-	-
5.56	7/32	750	-	-
5.80		771	-	-
5.95	15/64	771	-	-
6.00		750	-	-
6.20		864	-	-
6.35	1/4	858	-	-
6.50		931	-	-
6.75	17/64	945	-	-
6.80		945	-	-
7.00		931	-	-
7.14	9/32	931	-	-
7.20		945	-	-
7.50		931	-	-
7.54	19/64	945	-	-
7.80		945	-	-
7.94	5/16	933	-	-
8.00		933	-	-
8.20		1138	-	-
8.33	21/64	1199	-	-
8.50		1039	-	-
8.73	11/32	1138	-	-
8.80		1251	-	-
9.00		1138	-	-
9.13	23/64	1251	-	-
9.20		1251	-	-
9.50		1138	-	-
9.52	3/8	1138	1425	2050
9.80		1344	1679	2418

SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
9.92	25/64	1344	1679	2418
10.00		1216	1520	2190
10.20		1328	1659	2388
10.32	13/32	1283	1605	2309
10.50		1574	1965	2832
10.72	27/64	1631	2039	2935
10.80		1631	2039	2935
11.00		1631	2040	2935
11.11	7/16	1631	2039	2935
11.20		1684	2105	3031
11.50		1684	2105	3031
11.51	29/64	1684	2105	3031
11.80		1684	2105	3031
11.91	15/32	1684	2105	3031
12.00		1701	2126	3062
12.20		1701	2126	3062
12.30	31/64	1701	2126	3062
12.50		1701	2126	3062
12.70	1/2	1701	2126	3062
12.80		2368	2961	4263
13.00		2368	2961	4263
13.10	33/64	2470	3087	4446
13.20		2470	3087	4446
13.49	17/32	2470	3087	4446
13.50		2645	3306	4761
13.80		2645	3306	4761
13.89	35/64	2645	3306	4761
14.00		2645	3306	4761
14.25		2844	3555	5119
14.29	9/16	2844	3555	5119
14.50		2953	3691	5315
14.68	37/64	2953	3691	5315
14.75		2953	3691	5315
15.00		2953	3691	5315
15.08	19/32	2953	3691	5315
15.25		2996	3745	5393
15.48	39/64	2996	3745	5393
15.50		2996	3745	5393
15.75		2996	3745	5393
15.87	5/8	2996	3745	5392
16.00		3083	3854	5552
16.25		3083	3857	5552
16.27	41/64	3083	3857	5552
16.50		3277	4094	5899
16.67	21/32	3277	4094	5899

SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
16.75		3277	4094	5899
17.00		3277	4094	5899
17.07	43/64	3331	4163	5995
17.25		3331	4163	5995
17.46	11/16	3331	4163	5995
17.50		3457	4321	6223
17.75		3507	4383	6312
17.86	45/64	3642	4552	6555
18.00		3642	4552	6555
18.25		3642	4552	6555
18.26	23/32	3642	4552	6555
18.50		3642	4552	6555
18.65	47/64	3686	4608	6635
18.75		3686	4608	6635
19.00		3686	4608	6635
19.05	3/4	3686	4608	6635
19.25		3871	4838	6967
19.45	49/64	3871	4838	6967
19.50		3871	4838	6967
19.75		3871	4838	6967
19.84	25/32	3871	4838	6967
20.00		4164	5206	7496
20.24	51/64	4215	5269	7587
20.25		4215	5269	7587
20.50		4215	5269	7587
20.64	13/16	4215	5269	7587
20.75		4395	5493	7910
21.00		4395	5493	7910
21.03	53/64	4501	5627	8103
21.25		4501	5627	8103
21.43	27/32	4501	5627	8103
21.50		4643	5804	8357
21.75		4643	5804	8357
21.83	55/64	4729	5912	8513
22.00		4729	5912	8513
22.22	7/8	4729	5912	8513
22.25		5154	6442	9277
22.50		5154	6442	9277
22.62	57/64	5254	6568	9458
22.75		5254	6568	9458
23.00		5254	6568	9458
23.02	29/32	5511	6889	9920
23.25		6101	7626	10982
23.42	59/64	6254	7818	11258
23.50		6254	7818	11258

SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
23.75		6254	7818	11258
23.81	15/16	6254	7818	11258
24.00		6439	8049	11590
24.21	61/64	6548	8185	11786
24.25		6548	8185	11786
24.50		6548	8183	11786
24.61	31/32	6548	8185	11786
24.75		6842	8552	12315
25.00	63/64	6842	8552	12315
25.25		6933	8666	12479
25.40	1	6933	8666	12479
25.50		7535	-	-
25.75		7535	-	-
25.80	1.1/64	7617	-	-
26.00		7339	-	-
26.19	1.1/32	7327	-	-
26.25		7915	-	-
26.50		7915	-	-
26.59	1.3/64	8097	-	-
26.75		8097	-	-
26.99	1.1/16	8097	-	-
27.00		8364	-	-
27.25		8364	-	-
27.38	1.5/64	8388	-	-
27.50		8388	-	-
27.75		8388	-	-
27.78	1.3/32	8388	-	-
28.00		9172	-	-
28.18	1.7/64	9198	-	-
28.25		9198	-	-
28.50		9198	-	-
28.57	1.1/8	9198	-	-
28.75		9477	-	-
28.97	1.9/64	9631	-	-
29.00		9631	-	-
29.25		9631	-	-
29.37	1.5/32	9631	-	-
29.50		9669	-	-
29.75		9669	-	-
29.77	1.11/64	9872	-	-
30.00		9872	-	-
30.16	1.3/16	10423	-	-
30.25		11226	-	-
30.50		11226	-	-
30.56	1.13/64	11407	-	-



SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
30.75		11407	-	-
30.96	1.7/32	11407	-	-
31.00		12693	-	-
31.25		12693	-	-
31.35	1.15/64	13247	-	-
31.50		13247	-	-
31.75	1.1/4	13247	-	-
32.00		14504	-	-
32.15	1.17/64	14504	-	-
32.50		14504	-	-
32.54	1.9/32	14504	-	-
32.94	1.19/64	14851	-	-
33.00		14851	-	-
33.34	1.5/16	14851	-	-
33.50		15361	-	-
33.73	1.21/64	15649	-	-
34.00		15649	-	-
34.13	1.11/32	16312	-	-
34.50		17139	-	-
34.58	1.23/64	17296	-	-
34.92	1.3/8	17296	-	-
35.00		17296	-	-
35.32	1.25/64	18332	-	-
35.50		18332	-	-
35.72	1.13/32	18332	-	-
36.00		18602	-	-
36.12	1.27/64	18985	-	-
36.50		18985	-	-
36.51	1.7/16	18985	-	-
36.91	1.29/64	18985	-	-
37.00		19455	-	-
37.31	1.15/32	19455	-	-
37.50		20718	-	-
37.70	1.31/64	21041	-	-
38.00		21041	-	-
38.10	1.1/2	21041	-	-
38.15	1.33/64	21697	-	-
38.89	1.17/32	21697	-	-
39.00		22980	-	-
39.29	1.35/64	22980	-	-
39.50		22980	-	-
39.69	1.9/16	22980	-	-
40.00		23571	-	-
40.08	1.37/64	23959	-	-
40.48	1.19/32	23959	-	-

SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
40.50		24917	-	-
40.88	1.39/64	24917	-	-
41.00		24917	-	-
41.27	1.5/8	24917	-	-
41.50		25893	-	-
41.67	1.41/64	25893	-	-
42.00		25893	-	-
42.07	1.21/32	25893	-	-
42.47	1.43/64	26557	-	-
42.50		26557	-	-
42.86	1.11/16	26883	-	-
43.00		27514	-	-
43.26	1.45/64	27514	-	-
43.50		27514	-	-
43.66	1.23/32	27514	-	-
44.00		28484	-	-
44.05	1.47/64	28484	-	-
44.45	1.3/4	28484	-	-
44.50		28484	-	-
44.85	1.49/64	29152	-	-
45.00		29152	-	-
45.24	1.23/32	29152	-	-
45.50		30472	-	-
45.64	1.51/64	30472	-	-
46.00		30472	-	-
46.04	1.13/16	30472	-	-
46.43	1.53/64	32009	-	-
46.50		32009	-	-
46.83	1.27/32	32009	-	-
47.00		32009	-	-
47.23	1.53/64	32680	-	-
47.50		32680	-	-
47.62	1.7/8	32680	-	-
48.00		35635	-	-
48.02	1.57/64	35635	-	-
48.42	1.29/32	35635	-	-
48.50		35895	-	-
48.82	1.59/64	35895	-	-
49.00		35895	-	-
49.21	1.15/16	35895	-	-
49.50		36282	-	-
49.61	1.61/64	36282	-	-
50.00		36282	-	-
50.01	1.31/32	36568	-	-
50.40	1.63/64	38211	-	-

SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
50.50		38211	-	-
50.80	2	38211	-	-
51.00		51880	-	-
51.50		51880	-	-
51.59	2.1/32	51880	-	-
52.00		51880	-	-
52.39	2.1/16	51880	-	-
52.50		67521	-	-
53.00		67521	-	-
53.18	2.3/32	67521	-	-
53.50		67521	-	-
53.97	2.1/8	67521	-	-
54.00		67521	-	-
54.50		70930	-	-
54.77	2.5/32	70930	-	-
55.00		70830	-	-
55.50		70930	-	-
55.56	2.3/16	70930	-	-
56.00		73911	-	-
56.36	2.7/32	73911	-	-
56.50		73911	-	-
57.00		73911	-	-
57.15	2.1/4	73911	-	-
57.50		80661	-	-
57.94	2.9/32	80661	-	-
58.00		80661	-	-
58.50		80661	-	-
58.74	2.5/16	80661	-	-
59.00		82202	-	-
59.50		82202	-	-
59.53	2.11/32	82202	-	-
60.00		82202	-	-
60.32	2.3/8	82202	-	-
60.50		87374	-	-
61.00		87374	-	-
61.12	2.13/32	87374	-	-
61.15		87374	-	-
61.91	2.7/16	87374	-	-
62.00		87374	-	-
62.50		87374	-	-
62.71	2.15/32	88845	-	-
63.00		88845	-	-
63.50	2.1/2	88845	-	-
64.00		98196	-	-
64.29	2.17/32	98196	-	-

SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
65.00		98196	-	-
65.09	2.9/16	98926	-	-
65.88	2.19/32	98926	-	-
66.00		98926	-	-
66.67	2.5/8	98926	-	-
67.00		101341	-	-
67.47	2.21/32	108782	-	-
68.00		108782	-	-
68.26	2.11/16	108782	-	-
69.00		117912	-	-
69.06	2.23/32	117912	-	-
69.85	2.3/4	117912	-	-
70.00		117912	-	-
70.64	2.25/32	127171	-	-
71.00		127171	-	-
71.44	2.13/16	127171	-	-
71.50		127171	-	-
72.00		129626	-	-
72.23	2.27/32	129626	-	-
73.00		129626	-	-
73.02	2.7/8	129626	-	-
73.82	2.29/32	137958	-	-
74.00		137958	-	-
74.61	2.15/16	137958	-	-
75.00		139673	-	-
75.41	2.31/32	139673	-	-
76.00		139673	-	-
76.20	3	139673	-	-
76.99	3.1/32	191080	-	-
77.00		191080	-	-
77.79	3.1/16	191080	-	-
78.00		191080	-	-
78.58	3.3/32	194889	-	-
79.00		194889	-	-
79.37	3.1/8	200062	-	-
80.00		200062	-	-
80.17	3.5/32	213985	-	-
80.96	3.3/16	213985	-	-
81.00		213985	-	-
81.76	3.7/32	219546	-	-
82.00		219546	-	-
82.55	3.1/4	219546	-	-
83.00		224082	-	-
83.34	3.9/32	224082	-	-
84.00		224082	-	-



SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
84.14	3.5/16	227808	-	-
84.99	3.11/32	227808	-	-
85.00		218522	-	-
85.72	3.3/8	259850	-	-
86.00		259850	-	-
86.52	3.13/32	259850	-	-
87.00		259850	-	-
87.31	3.7/16	265280	-	-
88.00		265280	-	-
88.11	3.15/32	265280	-	-
88.90	3.1/2	265280	-	-
89.00		265280	-	-
90.00		270691	-	-
90.49	3.9/16	280787	-	-
91.00		280787	-	-
92.00		280787	-	-
92.07	3.5/8	289956	-	-

SIZE		PRICE PER EACH (Rs.)		
MM	INCH	HSS M2	PANTHER HSS M35	NINJA HSS M42
93.00		289956	-	-
93.66	3.11/16	300924	-	-
94.00		300924	-	-
95.00		300924	-	-
95.25	3.3/4	300924	-	-
96.00		310997	-	-
96.84	3.13/16	310997	-	-
97.00		310997	-	-
98.00		316497	-	-
98.42	3.7/8	321014	-	-
99.00		321014	-	-
100.00		321014	-	-
100.01	3.15/16	326515	-	-
101.00		326515	-	-
101.60	4	326515	-	-
102.00		326515	-	-

ITEMS MARKED ★ : (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS (RH) WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 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. Quick Spiral or Slow Spiral Drills :
3. Oversize shank Drills to IS : 5104 in the following range **10% extra**.

SIZE RANGE		INSTEAD OF MT NO.
MM	INCH	
11.8 to 14.0	15/32 to 35/64	1
18.0 to 23.0	23/32 to 29/32	2
26.5 to 31.75	1.3/64 to 1.1/4	3
40.0 to 80.80	1.37/64 to 2	4
63.0 to 76.20	2.1/2 to 3	5

**MORSE TAPER SHANK TWIST DRILLS (ID : 5103)**

MORESE TAPER SHANK NO.	DRILL SIZES			
	MM		INCHE	
	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 O3 OR O4 FLUTED  
CORE DRILLS IS - 5366**

SIZE		PRICE PER 10 PCS (Rs.)
MM	INCH	
7.94	5/16	1832
8.00		1835
9.52	3/8	2019
10.00		2019
10.32	13/32	2019
11.00		2021
11.11	7/16	2021
11.91	15/32	2161
12.00		2161
12.70	1/2	2284
13.00		3088
13.49	17/32	3379
14.00		3379
14.29	9/16	3475
15.00		3628
15.08	19/32	3628
15.87	5/8	3710
16.00		3710
16.67	21/32	3910
17.00		3910
17.46	11/16	4222
18.00		4544
18.26	23/32	4544
19.00		5188
19.05	3/4	5188
19.84	25/32	5213
20.00		5213
20.64	13/16	5575
21.00		5535
21.43	27/32	5895
22.00		5895
22.22	7/8	6254
23.00		6621
23.02	29/32	6621
23.81	15/16	7227
24.00		7585
24.61	31/32	7585
25.00		8776
25.40	1	8776
26.00		9474
26.19	1.1/32	9474
26.99	1.1/16	10455
27.00		10455
27.78	1.3/32	10853
28.57	1.1/8	11502
29.00		12038

SIZE		PRICE PER 10 PCS (Rs.)
MM	INCH	
29.37	1.5/32	12038
30.00		12785
30.16	1.3/16	12785
30.96	1.7/32	13272
31.00		14921
31.75	1.1/4	15580
32.00		17073
32.54	1.9/32	17073
33.00		17431
33.34	1.5/16	17431
34.00		19116
34.13	1.11/32	19116
34.92	1.3/8	20190
35.00		20190
35.72	1.13/32	21714
36.00		21714
36.51	1.7/16	22908
37.00		22908
37.31	1.15/32	23559
38.00		25205
38.10	1.1/2	25205
39.00		27640
39.69	1.9/16	27640
40.00		27640
41.00		30462
41.27	1.5/8	30462
42.00		31365
42.07	1.21/32	31365
42.86	1.11/16	32376
43.00		32376
44.00		34219
44.45	1.3/4	34219
45.00		35428
45.24	1.25/32	35427
46.00		36741
46.04	1.13/16	36741
47.00		38181
47.62	1.7/8	40148
48.00		40148
49.00		42871
49.21	1.15/16	42871
50.00		46134
50.80	2	51012
51.00		51454
52.00		56670
52.39	2.1/16	56670



## HSS TAPER SHANK O3 OR O4 FLUTED CORE DRILLS IS - 5366

SIZE		PRICE PER 10 PCS (Rs.)
MM	INCH	
53.00		66196
53.97	2.1/8	66196
54.00		66196
55.00		69386
55.36	2.3/16	69386
56.00		72323
57.00		72323
57.15	2.1/4	72323
58.00		79035
58.74	2.5/16	79035
59.00		80497
60.00		80497
60.32	2.3/8	80497
61.00		85788
61.91	2.7/16	85788
62.00		85788
63.00		88253
63.50	2.1/2	88253
64.00		96360
65.00		96360

SIZE		PRICE PER 10 PCS (Rs.)
MM	INCH	
65.09	2.9/16	96360
66.00		101033
66.67	2.5/8	101033
67.00		105250
68.00		110360
68.26	2.11/16	110360
69.00		115753
69.85	2.3/4	117922
70.00		117922
71.00		120256
71.44	2.13/16	120256
72.00		125752
73.00		130414
73.02	2.7/8	130414
74.00		135345
74.61	2.15/16	135345
75.00		140332
76.00		147072
76.20	3	147072

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT OR 5 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 nonstandard number of flutes - **10% extra**
4. For **M35 = 40% & M42 = 80% extra**

## HSS SHELL DRILLS BS:122 : II : 1964

NOM DIA INCH	PRICE (Rs.) EACH	NOM DIA INCH	PRICE (Rs.) EACH
1	4581	2	10127
1.1/16	4837	2.1/8	11193
1.1/8	5127	2.1/4	12249
1.3/16	5441	2.3/8	13705
1.1/4	5682	2.1/2	16668
1.5/16	5958	2.5/8	19364
1.3/8	6297	2.3/4	21303
1.7/16	6574	2.7/8	23674
1.1/2	6812	3	25998
1.9/16	7201	3.1/8	29151
1.5/8	7517	3.1/4	31970
1.11/16	8532	3.3/8	34384
1.3/4	8729	3.1/2	36918
1.13/16	9070	3.5/8	43617
1.7/8	9343	3.3/4	45629
1.15/16	9795	3.7/8	52817
		4	58369

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

PILOT DAI MM	BODY DAI MM	PRICE (Rs.) EACH	PILOT DAI MM	BODY DAI MM	PRICE (Rs.) EACH
1	3.15	301	4	10	615
1.25	3.15	301	5	12.5	1120
1.60	4	301	6.3	16	1325
2	5	301	8	20	2046
2.50	6.3	348	10	25	2634
3.15	8	538			

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

PILOT DAI MM	BODY DAI MM	PRICE (Rs.) EACH	PILOT DAI MM	BODY DAI MM	PRICE (Rs.) EACH
2	5	300	5	12.5	1120
2.50	6.3	348	6.3	16	1325
3.15	8	538	8	20	2046
4	10	665	10	25	2634

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

PILOT DAI MM	BODY DAI MM	PRICE (Rs.) EACH	PILOT DAI MM	BODY DAI MM	PRICE (Rs.) EACH
1	4	495	4	14	1833
1.25	5	528	5	18	2830
1.60	6.3	616	6	20	3334
2	8	870	8	25	4315
2.50	10	1111	10	31.5	5121
3.15	11.2	1479			

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

B.S. NO	PILOT DIA INCH	BODY DAI INCH	OAL INCH	PRICE (Rs.) EACH
BS-1	3/64	1/8	1.1/2	301
BS-2	1/16	3/16	1.3/4	301
BS-3	3/32	1/4	2	348
BS-4	1/8	5/16	2.1/4	538
BS-5	3/16	7/16	2.1/2	703
BS-6	1/4	5/8	3	1325
BS-7	5/16	3/4	3.1/2	2046

ITEMS MARKED ★ : (ONLY IN RH) ARE EX-STOCK ITMS. ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT OR MOQ OF 5 NOS. PER SIZE WHICHEVER IS HIGHER.

FOR M35 = 40% & M42 = 80% extra.

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

SIZE		OAL MM	PRICE (Rs.) EACH
MM	INCH		
5.00		155	1696
	13/64	155	1696
5.20		155	1696
5.50		161	1889
	7/32	161	1889
5.80		161	1889
	15/64	161	1889
6.00		161	1889
6.20		167	2105
	1/4	167	2104
6.50		167	2105
	17/64	174	2269
6.80		174	2269
7.00		174	2269
	9/32	174	2269
7.20		174	2339
7.50		174	2339
	19/64	181	2474
7.80		181	2474
	5/16	181	2474
8.00		181	2474
8.20		181	2524
	21/64	181	2524
8.50		181	2524
	11/32	188	2736
8.80		188	2737
9.00		188	2737
	23/64	188	2802
9.20		188	2802
9.50		188	2802
	3/8	197	2802
9.80		197	3182
	25/64	197	3182
10.00		197	3182
10.20		197	3270
	13/32	197	3270
10.50		197	3270
	27/64	206	3342
10.80		206	3342
11.00		206	3342
	7/16	206	3467
11.20		206	3467
11.50		206	3467
	29/64	206	3467
11.80		206	3467
	15/32	215	4108

SIZE		OAL MM	PRICE (Rs.) EACH
MM	INCH		
12.00		215	4108
12.20		215	4331
	31/64	215	4331
12.50		215	4331
	1/2	215	4331
12.80		215	4331
13.00		215	4331
	33/64	215	4331
13.20		215	4332
	17/32	223	4748
13.50		223	4748
13.80		223	4939
	35/64	223	4939
14.00		223	4940
14.25		245	6164
	9/16	245	6164
14.50		245	6302
	37/64	245	6302
14.75		245	6302
15.00		245	6302
	19/32	251	6442
15.25		251	6442
	39/64	251	6442
15.50		251	6442
15.75		251	6609
	5/8	251	6609
16.00		251	6609
16.25		257	6725
	41/64	257	6725
16.50		257	6725
	21/32	257	6869
16.75		257	6869
17.00		257	6869
	43/64	263	7457
17.25		263	7457
	11/16	263	7457
17.50		263	7457
17.75		263	7476
	45/64	263	7476
18.00		263	7476
18.25		269	7593
	23/32	269	7593
18.50		269	7593
	47/64	269	7714
18.75		269	7714
19.00		269	7714



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

SIZE		OAL MM	PRICE (Rs.) EACH
MM	INCH		
	3/4	275	7714
19.25		275	7925
	49/64	275	7925
19.50		275	7925
19.75		275	8056
	25/32	275	8056
20.00		275	8056
	51/64	282	8190
20.25		282	8190
20.50		282	8190
	13/16	282	8342
20.75		282	8342
21.00		282	8342
	53/64	282	9692
21.25		289	9691
	27/32	289	9692
21.50		289	9691
21.75		289	9885
	55/64	289	9885
22.00		289	9885
	7/8	289	10556
22.25		289	10556
22.50		296	10556
	57/64	296	11066
22.75		296	11066
23.00		296	11066
	29/32	296	13517
23.25		319	13517
	59/64	319	13517
23.50		319	13517
23.75		327	13517
	15/16	327	13517
24.00		327	13517
	61/64	327	14108
24.25		327	14108
24.50		327	14108
	31/32	327	14623
24.75		327	14623
25.00		327	14623
25.25		335	14623
	1	335	14623
25.50		335	14623
25.75		335	15207
26.00		335	15207
	1.1/32	335	15645
26.25		335	15645

SIZE		OAL MM	PRICE (Rs.) EACH
MM	INCH		
26.50		335	15645
26.75		343	18544
	1.1/16	343	18544
27.00		343	18544
27.25		343	19135
27.50		343	19135
27.75		343	19723
	1.3/32	343	19723
28.00		343	20335
	1.19/32	436	41093
28.25		351	20357
28.50		351	20357
	1.1/8	351	20357
28.75		351	20930
29.00		351	20930
29.25		351	21509
	1.5/32	351	21509
29.50		351	21509
29.75		351	22119
30.00		351	22119
	1.3/16	360	22119
30.25		360	22706
30.50		360	22706
30.75		360	22706
	1.7/32	360	22706
31.00		360	22706
31.25		360	22871
31.50		360	22871
31.75	1.1/4	369	23754
32.00		397	27361
32.50		397	28544
	1.9/32	397	28544
33.00		397	28544
	1.5/16	397	28544
33.50		397	29786
34.00		406	29786
	1.11/32	406	31089
34.50		406	31089
	1.3/8	406	31089
35.00		406	31089
35.50		406	31089
	1.13/32	416	34066
36.00		416	34066
36.50		416	35341
	1.7/16	416	35341
37.00		416	35341

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

SIZE		OAL MM	PRICE (Rs.) EACH
MM	INCH		
	1.15/32	416	38273
37.50		416	38273
38.00		426	38273
	1.1/2	426	38273
38.50		426	39528
	1.17/32	426	39528
39.00		426	39528
39.50		426	41093
	1.9/16	426	41093
40.00		426	41093
40.50		436	41093
41.00		436	41093
	1.5/8	436	41093
41.50		436	43196
42.00		436	43196
	1.21/32	436	45701
42.50		436	45701
	1.11/16	447	49096
43.00		447	49096
43.50		447	51754
	1.23/32	447	51754

SIZE		OAL MM	PRICE (Rs.) EACH
MM	INCH		
44.00		447	51754
	1.3/4	447	53882
44.50		447	53882
45.00		447	53882
	1.25/32		56810
45.50		459	56810
46.00			56810
	1.13/16		56810
46.50		459	59121
	1.27/32		59121
47.00			59121
47.50		459	62108
	1.7/8	470	62108
48.00			62108
	1.29/32		68025
48.50		470	68025
49.00			68025
	1.15/16	470	68025
49.50			68025
50.00			71528

ITEMS MARKED ARE EX-STOCK ITEMS. ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT OR MOQ OF 5 NOS. PER SIZE WHICH-EVER IS HIGHER.

FOR M35 = 40% & M42 = 80% extra.

**IMPORTANT NOTES :**

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



SIZE		OVERALL LENGTH IN MILLIMETERS						
MM	INCH	200	225	250	275	300	315	325
		PRICE EACH		PRICE EACH Rs.				
3.00	1/8	2385	2802	3104	3532	4006	-	4625
3.50		2449	2802	3191	3620	4107	-	4750
4.00	5/32	2449	2802	3191	3620	4107	-	4750
4.50		2514	2881	3191	3707	4356	-	4997
5.00	3/16	2514	2881	3191	3707	4356	-	4997
5.50	7/32	2514	2903	3347	3925	4447	-	5130
6.00		2526	2903	3379	3925	4447	4862	5130
6.50	1/4	2564	2994	3398	4122	4625	5016	5280
7.00		2794	3146	3531	4200	4837	5321	5547
7.50		2825	3224	3633	4276	4966	5441	5651
8.00	5/16	2952	3296	3778	4430	5090	5526	5808
8.50		3047	3419	3850	4510	5186	5595	5970
9.00		3096	3470	3943	4533	5224	5740	6020
9.50	3/8	3172	3510	3943	4657	5357	5819	6047
10.00		3182	3600	4060	4740	5460	5961	6213
10.50		3270	3736	4331	5008	5740	6215	6529
11.00		3343	3850	4375	5090	5846	6418	6697
11.50	7/16	3467	3930	4486	5214	5989	6529	6823
12.00		-	4108	4681	5422	6213	6781	7126
12.50	1/2	-	4331	4837	5620	6405	7001	7321
13.00		-	-	5740	6575	7465	8103	8524
13.50		-	-	5925	6707	7666	8303	8677
14.00		-	-	6123	6908	7805	8469	8816
14.50	9/16	-	-	6164	7002	7923	8514	8945
15.00		-	-	6302	7154	8114	8695	9164
15.50		-	-	6444	7320	8191	8867	9288
16.00	5/8	-	-	6609	7444	8355	8991	9454
16.50		-	-	6725	7543	8514	9164	9603
17.00		-	-	6869	7726	8602	9272	9734
17.50	11/16	-	-	-	-	8816	9450	9921
18.00		-	-	-	-	8945	9663	10077
18.50		-	-	-	-	9088	9778	10259
19.00	3/4	-	-	-	-	9248	9921	10412
19.50		-	-	-	-	9364	10034	10515
20.00		-	-	-	-	9522	10198	10714
20.50		-	-	-	-	9699	10383	10865
21.00	13/16	-	-	-	-	9872	10259	11051
21.50		-	-	-	-	10077	10759	11234
22.00		-	-	-	-	10298	11047	11554
22.50	7/8	-	-	-	-	10570	11278	11801
23.00		-	-	-	-	11065	11810	12241
23.50		-	-	-	-	12155	-	13517
24.00	15/16	-	-	-	-	12155	-	13517
24.50		-	-	-	-	12537	-	14108
25.00		-	-	-	-	-	-	14621

SIZE		OVERALL LENGTH IN MILLIMETERS						
MM	INCH	350	375	400	425	450	475	500
		PRICE EACH		PRICE EACH Rs.				
3.00	1/8	-	-	-	-	-	-	-
3.50		-	-	-	-	-	-	-
4.00	5/32	-	-	-	-	-	-	-
4.50		-	-	-	-	-	-	-
5.00	3/16	-	-	-	-	-	-	-
5.50	7/32	-	-	-	-	-	-	-
6.00		5396	6938	7400	8387	8877	9960	10482
6.50	1/4	6032	7753	8270	9370	9925	11129	11712
7.00		6368	7444	7935	8999	9527	10679	11246
7.50		6368	7444	7935	8999	9527	10679	11246
8.00	5/16	6123	7154	7632	8653	9155	10272	10811
8.50		6283	7341	7834	8875	9399	10542	11095
9.00		6625	7741	8257	9357	9911	11111	11697
9.50	3/8	6625	7744	8257	9357	9911	11111	11697
10.00		6955	7842	8722	9478	10031	11250	11848
10.50		7465	8387	9450	11404	12064	14052	14794
11.00		7602	8524	9530	11361	12027	14011	14745
11.50	7/16	7805	8747	9778	11755	12442	14495	15251
12.00		8056	8945	10034	11402	12071	14059	14801
12.50	1/2	8436	9522	10759	11402	12071	14059	14801
13.00		9699	10885	12227	15128	16790	18456	20579
13.50		9884	11157	12537	15285	17061	19196	21532
14.00		10077	11386	12775	15285	-	19196	21532
14.50	9/16	10272	11583	13000	15285	17060	19199	21530
15.00		10477	11744	13213	15216	17266	19390	21751
15.50		10636	11969	13394	15325	17433	19559	21938
16.00	5/8	10790	12155	13624	15644	17733	19799	22179
16.50		10989	12379	13955	15880	17920	20001	22316
17.00		11157	12544	14108	16069	18143	20193	22523
17.50	11/16	11371	12759	14278	16260	18352	20450	22735
18.00		11554	12981	14537	16465	18543	20661	22953
18.50		11656	13135	14765	16674	18757	20803	23177
19.00	3/4	11848	13338	14961	16850	18969	21008	23309
19.50		12061	13600	15266	17060	19194	21260	23536
20.00		12201	13783	15486	17399	19390	21492	23824
20.50		12405	13955	15715	17608	19723	21824	24183
21.00	13/16	12673	14243	15973	17988	20059	22223	24560
21.50		12894	14516	16278	18255	20481	22625	25062
22.00		13135	14765	16552	18543	20801	22987	25459
22.50	7/8	13359	14961	16728	18863	21088	23381	25882
23.00		13799	15287	17026	19135	21471	23727	26259
23.50		14814	16284	17607	19785	22084	24445	27065
24.00	15/16	14961	16496	18225	20407	22784	25109	27787
24.50		15643	17060	18846	21078	23432	25845	28541
25.00		16218	17733	19426	21673	24111	26562	29339

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

SIZE		OVERALL LENGTH IN MILLIMETERS							
MM	INCH	350	375	400	425	450	475	500	525
		PRICE EACH Rs.							
25.50		16718	18255	20005	22290	24741	27278	30024	39331
26.00	1/4	17399	18915	20654	22953	25473	27981	30826	39377
26.50		17920	19466	21230	23593	26122	28642	31578	39486
27.00		18543	20150	21857	24217	26776	29390	32316	39619
27.50	5/16	19135	20661	22398	24861	27451	30069	33043	39702
28.00		19723	21260	23053	25473	28115	31419	33843	42420
28.50		20359	21888	23625	26067	28797	31527	34541	42512
29.00	3/8	20930	22488	24271	26725	29484	32193	35322	42566
29.50		21509	23053	24844	27361	30111	32922	36096	42619
30.00		22119	23674	25459	27981	30791	33613	36805	42735
31.00		22706	24265	26076	28675	31590	34490	37843	42807
32.00	7/16	22871	24741	27361	30069	33118	36096	39600	43321
33.00		-	-	28541	31409	34596	37711	41331	44094
34.00	1/2	-	-	29787	32742	36074	39344	43108	45951
35.00		-	-	31090	34182	37560	40987	44865	47813
36.00		-	-	32316	35477	39013	42566	46624	49598
37.00		-	-	33547	36805	40500	44167	48320	51452
38.00	9/16	-	-	34826	38271	42068	45820	50153	53393
39.00		-	-	36096	39948	43404	47275	51652	54978
40.00		-	-	37606	41093	44933	48874	53347	56714
41.00	5/8	-	-	-	-	-	-	55113	58470
42.00		-	-	-	-	-	-	57564	60760
43.00		-	-	-	-	-	-	60118	63658
44.00	11/16	-	-	-	-	-	-	62625	65908
45.00		-	-	-	-	-	-	65178	70832
46.00		-	-	-	-	-	-	67936	69552
47.00	3/4	-	-	-	-	-	-	70684	76696
48.00		-	-	-	-	-	-	73437	84234
49.00		-	-	-	-	-	-	76138	84856
50.00		-	-	-	-	-	-	79205	84615

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

SIZE		OVERALL LENGTH IN MILLIMETERS						
MM	INCH	550	575	600	625	650	675	700
		PRICE EACH Rs.						
25.50		41203	43074	44947	50030	56305	57357	60636
26.00	1/4	41655	43545	45441	54729	56920	57734	61300
26.50		41942	43843	45749	54846	57026	57834	61400
27.00		42230	44137	46058	54962	57122	59318	61505
27.50	5/16	42517	44425	46363	55075	57227	59422	61605
28.00		42810	44727	47393	55188	57337	59530	61710

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

SIZE		OVERALL LENGTH IN MILLIMETERS						
MM	INCH	550	575	600	625	650	675	700
		PRICE EACH Rs.						
28.50		43100	45026	48446	55306	57441	59629	62202
29.00	3/8	43391	46007	50444	55421	56610	60146	63679
29.50		43699	46935	51031	55540	57856	61468	65070
30.00		46909	48975	51090	59363	61605	63944	66268
31.00		47221	49290	51422	59498	61720	64053	66376
32.00	7/16	47606	49652	51770	59652	61848	64174	66492
33.00		47806	49972	52149	59754	62146	64532	66923
34.00	1/2	49656	51912	54170	62065	64551	67032	69510
35.00		51797	57358	59848	64291	67042	70806	74697
36.00		52262	58677	61599	65568	69542	73402	78578
37.00		53219	61361	63909	68031	72152	79241	82176
38.00	9/16	55093	63526	66240	70516	74792	82029	85067
39.00		60162	69368	72385	75397	77093	85311	88489
40.00		61705	71150	74240	75803	79523	87772	90741
41.00	5/8	61705	71150	74240	77057	79930	87772	90937
42.00		62137	71482	74455	78004	81032	89287	92864
43.00		63658	74897	74898	78555	82833	89561	93826
44.00	11/16	65909	77538	77536	79517	85379	91954	95889
45.00		74202	81488	85026	81822	92877	105221	109116
46.00		74634	81488	85048	83197	93688	105221	109116
47.00	3/4	79943	91276	96675	100706	104732	114021	118161
48.00		82381	98366	106177	110601	115023	125133	129772
49.00		85323	99751	106961	111414	115871	126058	130725
50.00		88640	102209	106654	111414	115871	125697	130358

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

SIZE		OVERALL LENGTH IN MILLIMETERS							
MM	INCH	525	550	575	600	625	650	675	700
		PRICE EACH Rs.							
6.00		11005	11531	13119	13691	14261	14829	16233	16837
6.50	1/4	12298	12881	14657	15296	15936	16570	18136	18808
7.00		11805	12370	14073	14686	15296	15906	17413	18059
7.50		11805	12370	14073	14683	15296	15906	17413	18059
8.00	5/16	11352	11893	13530	14120	14712	15296	16742	17363
8.50		11650	12202	13884	14486	15092	15696	17183	17819
9.00		12283	12866	14638	15278	15914	16551	18115	18788
9.50	3/8	12283	12866	14638	15278	15914	16551	18115	18788
10.00		12434	13028	14820	15466	16108	16759	18343	19021
10.50		16500	17286	18077	18862	21382	22232	24337	25242
11.00		16449	17232	18020	18797	21312	22166	24258	25160
11.50	7/16	17018	17828	18639	19449	22045	22929	25098	26028

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

SIZE		OVERALL LENGTH IN MILLIMETERS							
MM	INCH	525	550	575	600	625	650	675	700
		PRICE EACH Rs.							
12.00		16512	17296	18080	18868	21389	22245	24351	25251
12.50	1/2	16512	17296	18080	18868	21389	22245	24351	25251
13.00		22958	24055	25145	26239	29748	30936	33860	35117
13.50		24710	25884	27055	28237	32008	33288	36441	37790
14.00		24710	25884	27055	28237	32008	33288	36441	37790
14.50	9/16	22173	23229	25806	26924	30523	31741	34747	36030
15.00		22173	23229	25806	26924	30523	31741	34747	36030
15.50		21883	22921	25462	26570	30116	31321	34286	35551
16.00	5/8	22507	23584	26191	27334	30979	32222	35271	36575
16.50		23461	24578	27300	28485	32294	33586	36761	38125
17.00		23461	24578	27300	28485	32294	33586	36761	38125
17.50	11/16	24116	25272	28068	29293	33204	34532	37800	39199
18.00		24894	26076	28965	30229	34261	35631	39006	40450
18.50		24894	26076	28965	30229	34261	35631	39006	40450
19.00	3/4	25189	26384	29305	30585	34670	36055	39463	40928
19.50		25916	27152	30157	31466	35672	37097	40605	42116
20.00		27856	29184	32417	33826	37242	39873	42176	45267
20.50		28075	29184	32139	33535	38017	39873	43277	45537
21.00	13/16	28798	30170	33511	34966	38388	41228	43346	46799
21.50		29803	31224	33844	36190	39162	42666	44436	48437
22.00		30361	31668	34201	36856	39639	43460	45148	49333
22.50	7/8	30693	31668	34531	37057	41012	43460	45888	49333
23.00		30764	32054	36211	37790	41821	43499	46498	49665
23.50		33843	35456	37067	39016	46586	48447	50307	52176
24.00	15/16	34181	35804	37430	40097	47045	48921	50810	52692
24.50		35329	37014	38688	40324	48520	50467	52408	54347
25.00		36347	38074	39802	41537	50030	52029	54031	56033

## HSS PRALLEL SHANK TWIST DRILLS EXTRA LONG TO OUR STANDARD

SIZE		OVERALL LENGTH IN MILLIMETERS									
MM	INCH	50	100	125	150	175	200	225	250	300	350
		PRICE EACH Rs.									
0.5	-	1004	-	-	-	-	-	-	-	-	-
0.60	-	939	-	-	-	-	-	-	-	-	-
0.80	-	643	-	-	-	-	-	-	-	-	-
1.00	-	-	621	804	-	-	-	-	-	-	-
1.20	3/64	-	621	804	-	-	-	-	-	-	-
-	1/16	-	-	768	916	-	-	-	-	-	-
-	5/64	-	-	796	958	-	-	-	-	-	-
3.00	1/8	-	-	-	1293	1583	1793	2131	2514	3135	-

# HSS PRALLEL SHANK TWIST DRILLS EXTRA LONG TO OUR STANDARD

SIZE		OVERALL LENGTH IN MILLIMETERS									
MM	INCH	50	100	125	150	175	200	225	250	300	350
		PRICE EACH Rs.									
3.50		-	-	-	1261	1469	1889	2346	2825	3603	4890
4.00	5/32	-	-	-	1261	1469	1889	2346	2825	3603	4968
4.50		-	-	-	1292	1583	1889	2346	2825	3711	4968
5.00	3/16	-	-	-	1292	1647	2046	2513	2966	3930	5213
5.50	7/32	-	-	-	1413	1761	2185	2676	3158	4176	5433
6.00		-	-	-	1413	1839	2251	2724	3269	4278	5638
6.50	1/4	-	-	-	-	-	2303	2889	3327	4481	5638
7.00		-	-	-	-	-	2554	-	3661	5064	6331
7.50	9/32	-	-	-	-	-	2601	-	3892	5160	6331
8.00	5/16	-	-	-	-	-	2729	-	4054	5287	6481
8.50	11/32	-	-	-	-	-	2817	-	4136	5382	6921
9.00		-	-	-	-	-	2817	-	4136	5382	6921
9.50	3/8	-	-	-	-	-	2966	-	4163	5502	7141
10.00		-	-	-	-	-	3090	-	4280	5745	7461
10.50	13/32	-	-	-	-	-	3192	-	4571	5961	7847
11.00	7/16	-	-	-	-	-	-	-	4727	6143	8098
11.50		-	-	-	-	-	-	-	4727	6143	8098
12.00	15/32	-	-	-	-	-	-	-	4963	6513	8307
12.50	1/2	-	-	-	-	-	-	-	5118	6725	8860

SIZE		OVERALL LENGTH IN MILLIMETERS							
MM	INCH	50	100	125	150	175	200	225	250
6.00		-	5373	6116	6706	7103	7497	7893	8943
6.50	1/4	5492	7154	7629	8373	8869	9357	9853	11162
7.00		5557	7203	7691	8479	8981	9478	9976	11310
7.50	9/32	5614	7254	7749	8961	9490	10019	10549	11955
8.00	5/16	5676	7299	7805	9095	9622	10174	10724	12228
8.50	11/32	5736	7357	7861	9233	9776	10345	10902	12559
9.00		5819	7412	7930	9460	10019	10740	11129	12830
9.50	3/8	6045	7484	7984	9834	10412	10991	11571	13341
10.00		6857	8926	9519	11727	12415	13103	13793	15904
10.50	13/32	7444	9685	10335	12722	13472	14225	14968	17258
11.00	7/16	7374	9598	10237	12611	13353	14091	14833	17103
11.50		8238	10020	10689	11359	12021	13342	14045	15827
12.00	15/32	8265	10054	10721	11398	12063	13389	14091	15880
12.50	1/2	8767	10659	11368	12074	12788	14197	14935	16834



SIZE		OVERALL LENGTH IN MILIMETERS						
MM	INCH	550	575	600	625	650	675	700
6.00		9370	9796	10225	-	-	-	-
6.50	1/4	11697	12227	12763	-	-	-	-
7.00		11848	12381	12922	-	-	-	-
7.50	9/32	11984	13087	13660	-	-	-	-
8.00	5/16	12834	14450	15082	-	-	-	-
8.50	11/32	13171	15678	16502	17937	18916	19851	20652
9.00		13444	16556	17283	18544	19290	20030	20775
9.50	3/8	13971	17220	17966	19282	20049	20823	21592
10.00		16663	20526	21420	22989	23909	24831	25747
10.50	13/32	18078	22278	23249	24947	25946	26943	27942
11.00	7/16	17916	22075	23040	24721	25710	26700	27691
11.50		16580	17336	18085	20981	21821	24973	25898
12.00	15/32	16636	17394	18146	21050	21891	25051	25980
12.50	1/2	17630	18436	19237	22315	23206	26559	27542

**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.50,000/- nett or 15 nos, per size whichever is higher.
4. For M35 = 40 % & M42 = 80 % extra

## 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		1570	1570	1570	1570
3.17	1/8	1570	1570	1570	1570
3.50		1570	1570	1570	1570
3.97	5/32	1570	1570	1570	1570
4.00		1570	1570	1570	1570
4.50		1570	1570	1570	1570
4.76	3/16	1570	1570	1570	1570
5.00		1570	1570	1570	1570
5.50		1570	1570	1570	1570
5.56	7/32	1570	1570	1570	1570
6.00		1823	1823	1823	1823
6.35	1/4	1823	1823	1823	1823
7.00		1825	1825	1825	1825
7.14	9/32	1825	1825	1825	1825
7.94	5/16	2073	2073	2073	2073
8.00		2073	2073	2073	2073
8.73	11/32	2161	2161	2161	2161
9.00		2161	2161	2161	2161
9.12	23/64	2161	2161	2161	2161
9.52	3/8	2355	2355	2355	2355
9.92	25/64	2610	2610	2610	2610
10.00		2610	2610	2610	2610
10.32	13/32	2610	2610	2610	2610
11.00		2930	2930	2930	2930
11.11	7/16	2930	2930	2930	2930
11.91	15/32	3048	3048	3048	3048
12.00		3048	3048	3048	3048
12.70	1/2	3162	3162	3162	3162
13.00		3847	3847	3847	3847
13.49	17/32	3847	3847	3847	3847
14.00		3847	3847	3847	3847
14.29	9/16	3847	3847	3847	3847
15.00		3873	3873	3873	3873
15.08	9/32	3873	3873	3873	3873
15.87	5/8	3873	3873	3873	3873
16.00		3873	3873	3873	3873
16.67	21/32	4458	4458	-	4458
17.00		4458	4458	-	4458
17.46	11/16	4458	4458	-	4458
18.00		4777	4777	-	4777
18.26	23/32	5075	5075	-	5075
19.00		5075	5075	-	5075
19.05	3/4	5075	5075	-	5075
20.00		5659	5659	-	5659

## 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
20.64	13/16	5762	5762	-	5762
21.00		6403	6403	-	6403
22.00		6403	6403	-	6403
22.22	7/8	6403	6403	-	6403
23.00		7475	7475	-	7475
23.81	15/16	8280	8280	-	8280
24.00		8280	8280	-	8280
25.00		8300	8300	-	8300
25.40	1	8451	8451	-	8451
26.00		10256	10256	-	10256
26.99	1.1/16	11729	11729	-	11729
27.00		11729	11729	-	11729
28.00		11729	11729	-	11729
28.57	1.1/8	11729	11729	-	11729
29.00		12443	12443	-	12443
30.00		13427	13427	-	13427
30.16	1.3/16	13427	13427	-	13427
31.00		14827	14827	-	14827
31.75	1.1/4	14827	14827	-	14827
32.00		14827	14827	-	14827
33.00		16838	16838	-	16838
33.34	1.5/16	16838	16838	-	16838
34.00		18916	18916	-	18916
34.92	1.3/8	20699	20699	-	20699
35.00		20699	20699	-	20699
36.00		20699	20699	-	20699
36.51	1.7/16	20850	20850	-	20850

## 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 REAM- ERS TAPER SHANK IS : 5447
MM	INCH			
37.00		22720	22720	22720
38.00		22720	22720	22720
38.10	1.1/2	22720	22720	22720
39.00		25108	25108	25108
39.69	1.9/16	27444	27444	27444
40.00		27444	27444	27444
41.00		27677	27677	27677
41.27	1.5/8	32618	32618	32618
42.00		32618	32618	32618
42.86	1.11/16	32618	32618	32618
43.00		32618	32618	32618
44.00		32618	32618	32618
44.45	1.3/4	32618	32618	32618
45.00		38226	38226	38226
46.00		38226	38226	38226
47.00		41273	41273	41273
47.62	1.7/8	44328	44328	44328
48.00		44328	44328	44328
49.00		44328	44328	44328
49.21	1.15/16	44328	44328	44328
50.00		44328	44328	44328
50.80	2	44328	44328	44328
51.00		44328	44328	44328
52.00		52837	52837	-
52.39	2.1/16	52837	52837	-
53.00		52837	52837	-
53.97	2.1/8	52837	52837	-
54.00		52837	52837	-
55.00		61353	61353	-
55.56	2.3/16	61353	61353	-
56.00		61353	61353	-
57.00		61353	61353	-
57.15	2.1/4	61353	61353	-
58.00		65645	65645	-
58.74	2.5/16	65645	65645	-
59.00		65645	65645	-
60.00		77884	77884	-
60.32	2.3/8	77884	77884	-
61.00		77884	77884	-
61.91	2.7/16	77884	77884	-
62.00		77884	77884	-
63.00		77884	77884	-
63.50	2.1/2	77884	77884	-
64.00		77884	77884	-



## 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 REAM- ERS TAPER SHANK IS : 5447
MM	INCH			
65.00		-	94036	-
65.09	2.9/16	94036	94036	-
66.00		-	97209	-
66.67	2.5/8	97209	97209	-
67.00		97209	97209	-
68.00		-	104211	-
68.26	2.11/16	104211	104211	-
69.00		-	104211	-
69.85	2.3/4	104211	104211	-
70.00		-	104211	-
71.00		104211	104211	-
71.44	2.13/16	109491	109491	-
72.00		-	127307	-
73.00		-	127307	-
73.02	2.7/8	127307	127307	-
74.00		-	127307	-
74.61	2.15/16	127307	127307	-
75.00		-	133683	-
76.00		-	133683	-
76.20	3	133683	133683	-

ITEMS MARKED ★ : (ONLY IN RH) ARE EX-STOCK ITEMS. ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT OR MOQ OF 5 NOS. PER SIZE WHICHEVER IS HIGHER.

FOR M35 = 40% & M42 = 80% extra.

**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	PRICE (Rs.) EACH
8 x 125 x 200	2999
8 x 175 x 250	3207
8 x 200 x 300	3516
9 x 125 x 200	2928
9 x 175 x 250	3371
9 x 225 x 300	4410
10 x 125 x 200	3768
10 x 175 x 250	4019
10 x 200 x 300	4266
10 x 300 x 400	4560
12 x 160 x 250	4465
12 x 200 x 300	4706
13 x 200 x 300	5382
14 x 160 x 250	5016
14 x 200 x 300	5890
15 x 200 x 300	5981
15 x 300 x 400	6693
16 x 200 x 300	5981
16 x 300 x 400	6693
17 x 200 x 300	6750
18 x 200 x 300	7419
19 x 200 x 300	7880
20 x 200 x 300	8746
20 x 300 x 400	9879
22 x 200 x 300	9930
25 x 200 x 325	12893
25 x 275 x 400	14480
26 x 275 x 400	17904
28 x 275 x 400	20564

SIZE	PRICE (Rs.) EACH
5/16 x 125 x 200	2999
5/16 x 175 x 250	3207
5/16 x 200 x 300	3516
3/8 x 125 x 200	3768
3/8 x 175 x 250	4019
3/8 x 200 x 300	4266
7/16 x 160 x 250	4465
7/16 x 200 x 300	4706
1/2 x 175 x 200	5038
1/2 x 200 x 300	5090
9/16 x 200 x 300	5981
9/16 x 250 x 350	6339
5/8 x 200 x 300	5981
5/8 x 250 x 350	6400
5/8 x 300 x 400	6693
11/16 x 200 x 300	7425
3/4 x 200 x 300	7880
3/4 x 300 x 400	8388
13/16 x 200 x 300	9930
7/8 x 200 x 300	11764
7/8 x 300 x 400	12017
1 x 200 x 325	12893
1 x 275 x 400	14480
1.1/8 x 275 x 400	22000

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.  
FOR M35 = 40% & M42 = 80% extra.

**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 EACH	PRICE (Rs.) EACH	NOMINAL DIA EACH	PRICE (Rs.) EACH
3	3367	16	7628
4	3367	20	11865
5	3367	25	12591
6	3367	30	16941
8	4560	32	18614
10	5057	40	33285
12	6105	50	57688
14	6854		

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

NOMINAL DIA EACH	PRICE (Rs.) EACH	NOMINAL DIA EACH	PRICE (Rs.) EACH
3/16	3138	13/32	4908
7/32	3138	7/16	5053
1/4	3138	1/2	5712
9/32	3434	9/16	6603
5/16	3802	5/8	7347
11/32	4291	3/4	9259
3/8	4335	7/8	11425

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

For M35= 40% & M42 = 80% extra

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

NOMINAL DIA EACH	PRICE (Rs.) EACH	SIZE MM	PRICE (Rs.) EACH
10	3351	33	20469
11	3351	35	23572
12	3839	36	25288
13	4562	39	27038
14	4562	40	31081
15	5017	41	31081
16	5017	43	34724
17	5791	44	38154
19	6488	45	41432
20	7075	46	41432
22	8162	47	45170
23	8162	48	49125
24	10511	49	49125
25	11390	50	54615
27	12731	-	-
28	13835	-	-
30	15056	-	-
32	17431	-	-

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

For M35= 40% & M42 = 80% extra

### IMPORTANT NOTES :

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	3601	4275
1	3964	4508
2	5520	6692
3	8019	10032
4	13267	15803
5	27038	29044
6	47712	66526

★ 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	3983	20	8968	31	17146
11.5	4654	21	9964	32	17146
12	4654	21.5	9964	33	18447
13	5075	22	9964	35	19789
13.5	5075	23	10868	36	21120
14	5075	23.5	10868	37	22513
15	5890	25.0	11820	40	35796
17	7266	27	13323	43	42366
17.5	7266	28	14419	49	57622
19	8162	30	15566	-	-

**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	3983	13/16	8669	1.3/16	14944
1/2	4307	7/8	9964	1.1/4	16670
9/16	5075	15/16	10868	1.5/16	17646
5/8	5890	1	11820	1.3/8	18916
11/16	7266	1.1/16	12861	1.7/16	20219
3/4	8162	1.1/8	13818	1.1/2	22513

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

For M35= 40% & M42 = 80% extra

**IMPORTANT NOES :**

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

COUNTERBORE DIA INCH	PRICE (Rs.) EACH	COUNTERBORE DIA INCH	PRICE (Rs.) EACH
1/2	3670	1.1/8	14066
9/16	4562	1.1/4	16164
5/8	5093	1.3/8	19746
11/16	5774	1.1/2	22937
3/4	6488	1.5/8	26290
13/16	7192	1.3/4	29786
7/8	8180	1.7/8	33087
15/16	9612	2	36532
1	11366	-	-

**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	3769	80	32	80	18283
40	16	32	4713	80	32	100	21048
40	16	50	5864	100	40	40	15195
40	16	70	7863	100	40	70	23013
50	22	25	4829	100	40	90	28512
50	22	40	5718	100	40	110	40056
50	22	63	7509	100	40	125	48793
50	22	80	9720	125	50	50	34298
63	27	32	6879	125	50	80	48652
63	27	50	8671	125	50	110	65475
63	27	70	11416	125	50	125	73246
63	27	90	13400	125	50	140	81470
80	32	36	9720	160	60	125	121874
80	32	63	15450	-	-	-	-

## HSS HELICAL CYLINDRICAL CUTTERS BS : 122

### (PART 1) : 1953

PRICE Rs. EACH

LENGTH OF CUTTER INCH	DIAMETER OF CUTTER		
	3"	4"	5"
2	17151	25182	41998
3	21711	33685	56576
4	29195	42899	71199
5	42179	62059	85596
6	53485	73026	100354

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.  
For M35= 40% & M42 = 80% extra

## 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	6145	7751	8589	10859	15659
2	9100	11929	14323	19013	26295
3	12108	16201	19997	27143	37142
4	15084	20592	25744	34593	48652
5	18188	28959	37862	48030	59897
6	21285	43029	45052	56150	71184
7	24284	43029	52332	66942	83351
8	28435	49151	59615	76252	93924

**IMPORTANT NOES :**

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.  
For M35= 40% & M42 = 80% extra

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

DIA MM	BORE MM	WIDTH MM	PRICE Rs. EACH	
			STRAIGHT TEETH TYPE 'B'	STAGGERED TEETH TYPE 'A'
50	16	5	4419	5497
		6	4591	5718
		8	4713	5876
		10	5006	6255

63	22	6	5414	6997
		8	5718	7633
		10	6222	7863
		12	6490	8473
		14	6685	9090
		16	7012	9805
		18	7479	10096

80	27	6	5927	7441
		8	6570	8095
		10	7012	9264
		12	7479	9805
		14	7953	10519
		16	8321	10733
		18	9264	12155
		20	9665	12749

100	★★	6	8473	10275
		8	9059	10997

100	32	10	10014	11785
		12	10733	13100
		14	11371	13400
		16	12155	14457



DIA MM	BORE MM	WIDTH MM	PRICE Rs. EACH	
			STRAIGHT TEETH TYPE 'B'	STAGGERED TEETH TYPE 'A'
100	32	18	12964	14862
		20	13960	15693
		22	14613	17945
		25	15879	19566

125	★★	6	11878	14738
		8	12749	15878
		10	13660	18478

125	32	12	15567	19185
		14	16862	20494
		16	17579	21285
		18	18851	24277
		20	19520	26190
		22	21557	28461
		25	23572	29596
		28	26544	33883

150	★★	6	14457	18590
		8	15727	20112
		10	17062	21672
		12	19761	24961
		14	21133	26544
		16	22521	28152
		18	25287	31227
		20	25287	31227
		22	28074	34599
		25	30778	38106
		28	33346	41783
		32	35839	45585

160	★★	6	19671	21970
		8	20910	23358
		10	22150	24740
		12	23364	26090

160	40	14	24595	27486
		16	26044	28862
		18	27889	31933
		20	29283	31933
		22	31010	35398
		25	33470	41044
		28	35839	42741
		32	39012	46599

DIA MM	BORE MM	WIDTH MM	PRICE Rs. EACH	
			STRAIGHT TEETH TYPE 'B'	STAGGERED TEETH TYPE 'A'
200	★★	6	25744	28555
		8	27779	30752
		10	30065	33795
		12	34750	38208
		14	37013	40882

225	40	16	39302	43603
		18	43858	49440
		20	44336	50946
		22	48414	55418
		25	52971	60856
		28	55769	64633
		32	61988	72442

225	★★	8	36199	39591
		10	39403	42648
		12	45873	50060
		14	49176	54125
		16	52534	58146
		18	59265	67388
		20	59265	67388
		22	65426	74619
		25	71648	81611
		28	78013	88210
		32	84365	94773

225	★★	10	45560	48948
		12	53292	58360
		14	57696	62886
		16	61947	67388
		18	70020	77955
		20	70020	77955
		22	77488	86364
		25	85433	94072
		28	92870	104089
		32	100228	114145

**IMPORTANT NOES :**

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.  
For M35= 40% & M42 = 80% extra

★★ 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				
	PRICE (Rs.) EACH				
	2.1/2"	3"	3.1/2"	4"	5"
1/4	5414	6000	7130	8451	11878
5/16	5671	6304	7534	9059	12749
3/8	5927	6686	8013	9665	13660
7/16	6196	6997	8487	10275	14613
1/2	6461	7366	8902	10733	15567
5/8	6927	8078	9867	12155	17579
3/4	7400	8671	10808	13400	19520
7/8	7896	9651	11652	14613	21557
1	8451	10427	12819	15878	23572
1.1/4	9499	11515	14500	18048	27225
1.1/2	10583	13159	16338	19878	30972

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

WIDTH OF CUTTER EDGE & BOSS INCH	DIAMETER OF CUTTER				
	PRICE (Rs.) EACH				
	6"	7"	8"	9"	10"
1/4	14457	21439	25744	33161	-
5/16	15727	23198	27779	36197	-
3/8	17062	24959	30065	39403	45560
7/16	18409	26627	32401	42471	48963
1/2	19761	28759	34749	45874	53290
5/8	22510	32199	39302	52534	61947
3/4	25287	35708	43859	58204	70020
7/8	28072	39258	48416	65426	77490
1	30777	42766	52971	71647	85434
1.1/4	35839	49753	61977	84365	100228
1.1/2	40882	56832	70984	97118	116221
1.3/4	-	-	-	119098	141138

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.  
For M35= 40% & M42 = 80% extra

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

**IMPORTANT NOES :**

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

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

WIDTH OF CUTTER EDGE & BOSS INCH	DIAMETER OF CUTTER					
	PRICE (Rs.) EACH					
	3"	4"	5"	6"	7"	8"
1/4	7534	10275	14738	18590	24285	28592
5/16	8013	10997	15879	20112	27873	30752
3/8	8952	11652	18478	21672	30066	33795
7/16	9100	12364	18804	23290	31571	36005
1/2	9264	13098	19185	24961	32999	38208
5/8	10370	14457	21285	28152	38703	43603
3/4	11017	16498	24285	31227	43293	49588
7/8	12015	17945	28152	34599	47632	55418
1	12964	19564	29596	38080	51888	60840

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

WIDTH OF CUTTER EDGE & BOSS INCH	DIAMETER OF CUTTER	
	PRICE (Rs.) EACH	
	9"	10"
5/16	39591	45348
3/8	42648	48948
7/16	46936	51200
1/2	50125	58360
5/8	58146	67388
3/4	67388	77955
7/8	74619	86388
1	77465	94072
1.1/4	94773	114145
1.1/2	108328	131154
1.3/4	132133	157607

**IMPORTANT NORES :**

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 3 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

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

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

DIA MM	BORE MM	WIDTH MM	ANGLE DEGREES	PRICE (Rs.) EACH
50	16	12	60, 65, 70, 75, 80 & 85	4174
63	22	18	60, 65, 70, 75, 80 & 85	6222
63	22	26	70, 75 & 80	7399
80	22	32	70, 75 & 80	9720
100	27	36	70, 75 & 80	14583

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

**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	5174	5719
7/16	30, 40	5671	6470
1/2	45, 50, 60, 70, 80	6000	6774
5/8	50, 60, 70, 80	6685	7534

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

**HSS SINGLE 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	6000
3	1.1/4	3/4	7534

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

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

WIDTH OF CUTTER INCH	INCLUDED ANGLE IN DEGREES	PRICE (Rs.) EACH	
		DIAMETER OF CUTTER	
		2.3/4"	3"
5/16	30, 40	5174	5719
7/16	30, 40	5414	6000
1/2	45, 60, 90	5414	6000
5/8	60, 90	6000	6569

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

DIA MM	BORE MM	WIDTH MM	ANGLE DEGREES	PRICE (Rs.) EACH
56	16	10	45	4591
63	22	12		5174
80	22	16		6569
100	27	18		9548
56	16	12	60	4803
63	22	16		5719
80	22	20		7131
100	27	25		11172
56	16	14	90	5174
63	22	18		6000
80	22	22		7752
100	27	28		12108

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

DIA MM	BORE MM	WIDTH MM	ANGLE DEGREES	PRICE (Rs.) EACH
50	16	12	55 X 12	4591
			60 X 15	5174
			65 X 15	6569
			70 X 15	9548
			75 X 15	4803
			80 X 15	5719
50	16	14	90 X 20	5007
50	16	16	100 X 25	5414
63	22	18	55 X 12	6286
			60 X 15	6286
			63 X 15	6286
			70 X 15	6286
			75 X 15	6286
			80 X 15	6286
63	22	20	90 X 20	6583
63	22	22	100 X 25	7116
80	22	32	65 X 15	9720
			70 X 15	9720
			75 X 15	9720
100	27	36	70 X 15	14583
			75 X 15	14583
			80 X 15	14583

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 20 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra



## HSS CONVEX CUTTERS IS : 6323 : 1982

DIA MM	BORE MM	WIDTH MM	RADIUS MM	PRICE (Rs.) EACH
50	22	3	1.6	5514
50	22	4	2	5514
56	22	5	2.5	6525
56	22	6	3	6525
63	22	8	4	6927
63	22	10	5	7633
70	22	12	6	8229
70	22	16	8	9059
90	27	18	9	12108
90	27	20	10	12749
90	27	22	11	14049
90	27	24	12	15056
100	27	28	14	19202
110	32	32	16	24285
110	32	36	18	32060
125	40	40	20	35553

## HSS CONVEX CUTTERS IS : 6322 : 1982

DIA MM	BORE MM	WIDTH MM	RADIUS MM	PRICE (Rs.) EACH
56	22	8	1.6	6927
56	22	9	2	7277
56	22	10	2.5	7488
63	22	12	3	8136
63	22	16	4	8370
63	22	20	5	9819
70	22	24	6	11704
70	22	28	7	12282
80	27	32	8	16053
90	27	36	9	19185
90	27	40	10	21285
100	27	42	11	24823
100	27	44	12	25659
100	27	46	12.5	26159
100	27	50	14	28784
110	32	56	16	39622
125	32	62	18	53978
125	32	70	20	56832

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

DIA OF CUTTER INCH	DIA OF CIRCLE INCH	DIA OF BORE INCH	CONVEX CUTTER		CONCAVE CUTTER	
			WIDTH OF CONVEX CUTTING INCH	PRICE (Rs.) EACH	WIDTH OF CONCAVE CUTTING INCH	PRICE (Rs.) EACH
2.1/4	1/8	1	1/8	5864	5/16	6927
	3/16		3/16	6255	3/8	7182
	1/4		1/4	6538	1/2	7652
2.1/2	5/16	1	5/16	6927	5/8	8383
	3/8		3/8	7381	3/4	9090
	7/16		7/16	7647	7/8	9819
	1/2		1/2	8236	1	10472
2.3/4	9/16	1	9/16	8383	1.3/16	12282
	5/8		5/8	9100	1.3/16	12594
3	11/16	1	11/16	9262	1.3/8	9262
	3/4		3/4	9709	1.3/8	9709
3.1/4	13/16	1	13/16	11972	1.9/16	18283
	7/8		7/8	12749	1.9/16	18590
3.1/2	15/16	1	15/16	14281	1.3/4	21753
	1		1	14935	1.3/4	22062
4	1.1/8	1.1/4	1.1/8	19202	1.15/16	26972
	1.1/4		1.1/4	21133	2.1/8	28784
4.1/4	1.3/8	1.1/4	1.3/8	29089	2.5/16	37933
	1.1/2		1.1/2	31467	2.1/2	43467

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

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

DIA OF CUTTER INCH	DIA OF CIRCLE INCH	DIA OF BORE INCH	SINGLE CORNER		DOUBLE CORNER	
			WIDTH OF CONVEX CUTTING INCH	PRICE (Rs.) EACH	WIDTH OF CONCAVE CUTTING INCH	PRICE (Rs.) EACH
2.1/4	1/16	1	5/16	6145	7/16	8686
	3/32		5/16	6145	7/16	8686
	1/8		5/16	6145	7/16	8686
2.1/2	5/32	1	7/16	6927	5/8	9772
	3/16		7/16	6927	5/8	9772
	7/32		1/2	7322	3/4	10472

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

DIA OF CUTTER INCH	DIA OF CIRCLE INCH	DIA OF BORE INCH	SINGLE CORNER		DOUBLE CORNER	
			WIDTH OF CONVEX CUTTING INCH	PRICE (Rs.) EACH	WIDTH OF CONCAVE CUTTING INCH	PRICE (Rs.) EACH
2.1/2	1/4	1	1/2	7322	3/4	10472
2.3/4	9/32	1	5/8	8589	15/16	12458
	5/16		5/8	8589	15/16	12458
3	11/32	1	11/16	10179	1.1/16	14509
	3/8		11/16	10179	1.1/16	14509
3.1/4	13/32	1	3/4	11526	1.3/16	16656
	7/16		3/4	11526	1.3/16	16656
3.1/2	15/32	1	7/8	13700	1.3/8	20112
	1/2		7/8	13700	1.3/8	20112
	9/16		1	15084	1.5/8	22496
	5/8		1	15084	1.5/8	22496
3.3/4	11/16	1	1.1/8	22191	1.7/8	31783
	3/4		1.1/8	22191	1.7/8	31783

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

For M35= 40% & M42 = 80% extra

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

DIA MM	BORE MM	WIDTH MM	RADIUS MM	PRICE (Rs.) EACH
56	22	4	1.6	5864
56	22	5	2.5	5864
63	22	6	3	6774
63	22	8	4	7088
63	22	10	5	7552
70	22	12	6	8078
70	22	14	7	8487
80	27	16	8	10519
90	27	18	9	12700
90	27	20	10	13797
100	27	22	12	22369
100	27	22	12.5	22369
100	27	25	14	23692
110	32	28	16	25459
125	32	31	18	32554
125	32	35	20	

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

## 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 ★	905	10	42	8 ★	40
3.5	905	-	-	10	42
4 ★	905	11	43	11 ★	43
5 ★	905	13	47	13 ★	47
6 ★	1012	16	52	13 ★	57
7 ★	1138	-	-	16 ★	60
8 ★	1138	-	-	19 ★	63
9 ★	1138	-	-	19 ★	69
10 ★	1138	22	67	22 ★	72
11 ★	1138	22	67	22 ★	79
12 ★	1176	26	76	26 ★	83
13	1328	26	76	26	83
14	1458	26	76	26 ★	83
16 ★	1703	32	88	32 ★	92
17	1862	32	88	32	92
18 ★	2070	32	88	32 ★	92
19	2070	32	88	32	92
20 ★	2289	38	101	38 ★	104
21	2568	38	101	38	104
22 ★	2596	38	101	38 ★	104
24	2814	38	101	45	121
25 ★	3027	45	116	45 ★	121
26	3140	45	116	45	121
27	3693	45	116	45	121
28	4309	45	116	45	121
29	4309	45	116	45	121
30 ★	4742	45	116	45 ★	121
32 ★	5172	63	140	53 ★	133
33	5730	63	140	53	133
35	6246	70	160	53	133
36	6810	70	160	53	133
37	7340	70	160	53	133
38	7825	70	160	63	155
39	8298	70	160	63	155
40	8813	70	160	63	155
41	8813	70	160	63	155
43	10032	80	180	63	155
45	11240	80	180	63	155
46	11240	90	200	63	155
49	12362	90	200	75	177
50	13600	90	200	75	177
51	13600	90	200	75	177
53	16741	90	200	75	177
54	19833	100	220	75	177
56	23849	100	220	75	177

DIA MM	PRICE (Rs.) EACH	IS : 6353 - 1971		IS : 6353 - 1991	
		CEL (MM)	OAL (MM)	CEL (MM)	OAL (MM)
57	27738	100	220	75	177
59	27738	100	220	75	177
61	29615	110	250	90	192
63	30829	110	250	90	192

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs.50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

### 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. 50,000/- NETT, per size or minimum 5 Nos. per size whichever is higher.

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

DIA MM	PANTHER PRICE (Rs.) EACH	NINJA PRICE (Rs.) EACH	IS : 6353 - 1971	
			CEL (MM)	OAL (MM)
3	1133	1630	8	40
4	1133	1630	11	43
5	1133	1630	13	47
6	1265	1821	13	57
7	1422	2048	16	60
8	1422	2048	19	63
9	1422	2048	19	69
10	1422	2048	22	72
11	1422	2048	22	79
12	1469	2117	26	83
14	1822	2623	26	83
16	2128	3064	32	92
18	2587	3726	32	92
20	2861	4120	38	104
22	3245	4674	38	104
25	3784	5451	45	121
28	5387	7757	45	121
32	6465	9311	53	133
36	8514	12259	53	133

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

DIA MM	PRICE (Rs.) EACH	IS : 6354 - 1971 TANGED END		IS : 6354 - 1991 TAPPED END		M T No.
		CEL (MM)	OAL (MM)	CEL (MM)	OAL (MM)	
6	1507	16	90	13	83	1
7	1507	-	-	16	86	1
8	1507	19	93	19	89	1
9	1631	-	-	19	89	1
10	1631	22	96	22	92	1
11	1793	-	-	22	92	1
12	1793	26	100	26	96	1
12 ★	2341	26	118	26	111	1
14	2476	26	100	26	96	2
14 ★	2637	26	118	26	111	1
16	2640	32	124	32	117	2
18	3223	32	124	32	117	2
20	3720	38	130	38	123	2
20 ★	4065	38	150	38	140	2
22	3904	38	130	38	123	3
22 ★	4261	-	-	38	140	2
25	4601	45	157	45	147	3
26	5729	45	157	45	147	3
28	6407	45	157	45	147	3
30	7046	53	165	45	147	3
32	7479	53	165	53	155	3
32 ★	7479	53	183	53	178	4
33	9043	53	165	53	155	3
33 ★	9919	-	-	53	178	4
35	9919	53	165	53	155	3
35 ★	9919	-	-	53	178	4
36	10777	70	210	53	155	3
36 ★	11757	-	-	53	178	4
38	11855	63	203	63	188	4
38 ★	13783	-	-	63	221	5
40	13783	63	203	63	188	4
40 ★	13783	63	203	63	221	5
41	13783	63	203	63	188	4
41 ★	15155	-	-	63	221	5
43	15155	63	203	63	188	4
43 ★	15155	-	-	63	221	5
44	15833	63	203	63	188	4
44 ★	15833	-	-	63	221	5
45	17027	63	203	63	188	4
45 ★	17027	-	-	63	221	5
46	17428	63	203	63	188	4
46 ★	18051	-	-	63	221	5
48	18051	63	203	75	200	4
48 ★	20299	-	-	75	233	5

DIA MM	PRICE (Rs.) EACH	IS : 6354 - 1971 TANGED END		IS : 6354 - 1991 TAPPED END		M T No.
		CEL (MM)	OAL (MM)	CEL (MM)	OAL (MM)	
50	20299	75	215	75	200	4
50 ★	20299	75	250	75	233	5
51	20299	75	250	75	200	4
51 ★	28442	-	-	75	233	5
53	28443	75	250	75	200	4
53 ★	35942	-	-	75	233	5
56	35940	75	250	75	200	4
56 ★	35940	-	-	75	233	5
60	37720	-	-	75	200	4
60 ★	37720	75	250	75	233	5
63	45229	90	265	90	248	5

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

- 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 PARALLEL SHANK END MILL IS : 6353 (STANDARD SERIES)

DIA INCH	PARALLEL SHANK PRICE (Rs.) EACH	TAPPED SHANK PRICE (Rs.) EACH
1/8	905	1408
5/32	905	1408
3/16	905	1408
7/32	905	1408
1/4 ★	1012	1408
9/32	1138	1441
5/16 ★	1138	1441
3/8 ★	1138	1566
7/16	1138	1587
1/2 ★	1176	1793
9/16	1458	2476
5/8 ★	1703	2640
11/16	1904	2975
3/4 ★	2070	3141
13/16	2289	3569
7/8	2596	3909
15/16	-	4243

DIA INCH	PARALLEL SHANK PRICE (Rs.) EACH	TAPPED SHANK PRICE (Rs.) EACH
1 ★	3027	4564
1.1/8	4309	6366
1.1/4	5172	7479
1.3/8	6246	9919
1.1/2	7314	11855
1.5/8	8813	13783
1.3/4	11240	15833
1.7/8	12391	18051
2	13570	20299
2.1/16	16741	-
2.1/8	19833	28131
2.3/16	23849	-
2.1/4	25803	35938
2.5/16	27738	-
2.3/8	29615	39219
2.1/2	33391	45229

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 5 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.
4. For **M35= 40% & M42 = 80% extra**

## 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	1098	6	40	5	37
3.5	1098	6	40	6	38
4	1098	6	40	7	39
5	1098	8	45	8	42
6 ★	1176	8	45	8 ★	52
7	1176	10	50	10	54
8 ★	1176	10	50	11 ★	55
9	1176	10	50	11	61
10	1220	12	56	13	63
11	1220	12	56	13	70
12	1331	16	63	16	73
14	1703	16	63	16	73
16	1916	18	70	19	79
18	2359	18	70	19	79
20	2359	20	80	22	88

## 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)
22	2751	22	90	22	88
25	3263	25	100	26	102
28	5405	25	100	26	102
32	5662	28	110	32	112
35	6810	32	118	32	112
36	7314	32	118	32	112
38	7886	36	125	38	130
40	8441	36	125	38	130
41	9547	-	-	38	130
42	9547	-	-	38	130
43	10614	-	-	38	130
44	10614	-	-	38	130
45	10614	-	-	38	130
46	11785	-	-	38	130
47	11785	-	-	38	130
48	11785	-	-	45	147
49	12923	-	-	45	147
50	12923	-	-	45	147

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 5 NOS. PER SIZE. WHICHEVER IS HIGHER.

**IMPORTANT NOTES :**

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

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 at **30 % extra**, subject to the order value being minimum Rs. 50,000/- NETT. Or 5 Nos. per size whichever is higher.
5. For M35= 40% & M42 = 80% extra

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

DIA INCH	PRICE (Rs.) EACH	IS : 6388 - 1971			IS : 6388 - 1991		MT No.
		CEL (MM)	TANGED END	TANPPED END	TANPPED END		
			OAL (MM)	OAL (MM)	CEL (MM)	OAL (MM)	
6	1678	-	-	-	8	78	1
7	1678	16	90	-	10	80	1
8	1846	16	90	-	11	81	1
9	1846	16	90	-	11	81	1
10	1885	16	90	-	13	83	1
11	1885	16	90	-	13	83	1
12	2104	16	90	-	16	86	1
12 ★	2461	-	-	-	16	101	2
14	2640	16	90	-	16	86	1
14 ★	2740	-	-	-	16	101	2
16	2740	18	110	100	19	104	2
18	3141	18	110	100	19	104	2
20	3141	20	114	104	22	107	2
20 ★	3885	20	-	-	22	124	3

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

DIA INCH	PRICE (Rs.) EACH	IS : 6388 - 1971			IS : 6388 - 1991		MT No.
		CEL (MM)	TANGED END	TANPPED END	TANPPED END		
			OAL (MM)	OAL (MM)	CEL (MM)	OAL (MM)	
22	3902	22	118	108	22	107	2
22 ★	4649	-	-	-	22	124	3
25	4647	25	143	130	26	128	3
26	6412	25	143	130	26	128	3
28	6792	25	143	130	26	128	3
32	8142	28	148	135	32	134	3
32 ★	9816	-	-	-	32	157	4
35	10552	32	179	164	32	134	3
35 ★	12218	-	-	-	32	157	4
36	12306	32	179	164	32	134	3
36 ★	12306	-	-	-	32	157	4
38	12306	36	186	171	38	163	4
38 ★	16939	-	-	-	38	196	5
40	14044	36	186	171	38	163	4
40 ★	18689	-	-	-	38	196	5

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

For **M35= 40% & M42 = 80% extra**

★ 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	1098	1510
5/32	1098	1510
3/16	1098	1510
7/32	1172	1653
1/4	1176	1739
5/16	1176	1846
3/8	1176	1846
7/16	1201	1885
1/2	1331	2104
9/16	1703	2640
5/8	1916	2740
11/16	2166	2978

DIA INCH	PARALLEL SHANK PRICE (Rs.) EACH	TAPER SHANK PRICE (Rs.) EACH
3/4	2359	3141
13/16	2751	3902
7/8	2751	3902
1	3263	4647
1.1/8	4645	6792
1.1/4	5662	8142
1.3/8	6810	10552
1.1/2	7886	12306
1.5/8	9763	-
1.3/4	10614	-
1.7/8	11785	-
2	12922	-

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	NO OF MORSE TAPPER SHANK	TAPPED PRICE (Rs.) EACH
1/4	37/64	1/4	2	5923
5/16	45/64	5/16	2	6679
3/8	53/64	23/64	2	7303
7/16	61/64	27/64	2	7739
1/2	1.5/64	15/32	2	9348
5/8	1.21/64	37/64	3	15134
3/4	1.33/64	11/16	3	18791
7/8	1.45/64	51/64	3	22162
1	1.61/64	29/32	4	27444
1.1/8	2.1/8	1.1/16	4	35426
1.1/4	2.5/16	1.3/16	4	42141
1.3/8	2.1/2	1.5/16	5	52016
1.1/2	2.3/4	1.7/16	5	66597

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

NOMINAL SIZE OF T-SLOT MM	DIA OF CUTTER MM	WIDTH MM	PRICE (Rs.) EACH
10	18	8	7373
12	21	9	8057
14	25	11	15485
18	32	14	19387
22	40	18	25972
28	50	22	33495
36	60	28	60360
42	72	35	73250

★ These sizes will be supplied with the smaller MT Shank unless otherwise specified. For M35= 40% & M42 = 80% extra

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - 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	2697
19.5	5	5 x 7.5	3066
	6	6 x 7.5	3066
22.5	5	5 x 9	3488
	6	6 x 9	3488
	8	8 x 9	3488
28.5	6	6 x 11	5659
	8	8 x 11	5659
	10	10 x 11	5659
32.5	7	7 x 13	6692
	8	8 x 13	6692
	10	10 x 13	6692
45.5	10	10 x 16	11366

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

## 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	3364	609	5908	1011	8509
607	3950	809	5908	1211	8509
807	3950	1009	5951	812	9612
608	4777	810	6990	1012	9612
808	4777	1010	6990	1212	9612
1008	4777	1210	6990		

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

## 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	6146
2	1.1/4	3/4	7088
2.1/2	1.1/4	3/4	8952
3	1.11/16	1.1/8	12819
4	1.3/4	1.1/8	21439
5	2	1.1/2	36059

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

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

DIA MM (js16)	BORE MM (H7)	WIDTH MM (d9)	PRICE (Rs.) EACH
50	16	5	4008
		6	4334
		8	4600
		10	4803

63	22	6	4707
		8	4922
		10	5414
		12	5877
		14	6222
		16	6685
		18	7185

80	27	6	6583
		8	7015
		10	7488
		12	8383
		14	9059
		16	9625
		18	10166
		20	10808

100	32	6	7752
		8	8320
		10	9059
		12	9865
		14	10613
		16	11421
		18	12086
		20	12350
		22	13797
		25	14738

125	32	8	11878
		10	12991
		12	14170
		14	15617
		16	16656
		18	18048
		20	19113
		22	20358
		25	22287
		32	24160

160	40	10	21405
		12	22536

DIA MM (js16)	BORE MM (H7)	WIDTH MM (d9)	PRICE (Rs.) EACH
160	40	14	24013
		16	25710
		18	27362
		20	29195
		22	31087
		25	33748
		28	35632
		32	40325

200	40	12	33143
		14	35014
		16	37236
		18	39860
		20	42670
		22	45849
		25	49427
		28	53565
		32	59622
		36	65674
		40	71910

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

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

WIDTH OF CUTTER INCH	DIAMETER OF CUTTER					
	PRICE (Rs.) EACH					
	2.1/2"	3"	3.1/2"	4"	5"	6"
1/4	3258	3724	4645	5601	8952	11566
5/16	3532	4008	5100	6255	9805	12820
3/8	3769	4312	5514	6828	10666	14058
7/16	3986	4713	5928	7952	11566	15313
1/2	4211	4952	6356	8013	12461	16591
5/8	4713	5575	7237	10017	14170	19107
3/4	5046	6074	7863	10166	15567	21189
7/8	5400	6706	8487	11704	16992	23290
1	5719	7399	9100	12051	18409	25463

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 15 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

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

DIA MM (js 16)	BORE (H7)	WIDTH (js 16)	PRICE (Rs.) EACH
40	16	32	7131
50	22	36	8671
63	27	40	11416
80	27	45	16862
100	32	50	25744
125	40	56	43164
160	50	63	81470

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

## 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	4905
1.1/2	1.1/8	1/2	6000
1.3/4	1.1/4	3/4	7130
2	1.3/8	3/4	8106
2.1/4	1.1/2	1	9774
2.1/2	1.5/8	1	11368
2.3/4	1.5/8	1	12923
3	1.3/4	1.1/4	15044
3.1/2	1.7/8	1.1/4	18760
4	2.1/4	1.1/2	27589
4.1/2	2.1/4	1.1/2	33078
5	2.1/4	1.1/2	43164
5.1/2	2.1/4	2	50493
6	2.1/4	2	58236

ALL ABOVE ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF Rs. 50,000 / - NETT OR 5 NOS. PER SIZE WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

**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		Panther CI Taps			NUT TAPS	Panther CI Taps
		STR FLUTES	STR FLUTES	SPIRAL POINT	SPIRAL FLUTES	STR FLUTES	SPIRAL POINT	SPIRAL FLUTES		
<b>BRIGHT FINISH</b>	M2.0x0.40	649								
	M2.2x0.45	649								
	M2.3x0.40	649								
	M2.5x0.45	649								
	M3x0.5		393	497	537	430	541	633		523
	M3.5x0.6		393	497	537	430	541	633		
	M4x0.7		393	497	537	430	541	633		523
	M4.5x0.75		424	523	570	456	570	640		
	M5x0.8		423	523	570	456	570	640		551
	M6x1.0		423	523	570	467	588	645	899	551
	M8x1.25		500	607	662	527	670	760	1014	726
	M10x1.5		613	755	821	619	826	903	1348	1129
	M12x1.75					958	1157	1296	2079	1621
	M14x2.00					1359	1679	1979	2891	1609
	M16x2.00					1359	1679	1979	2891	1609
	M18x2.5					2200	2649	3011	4640	
	M20x2.5					2805	3357	4042	6196	
	M22x2.5					3003	3578	4201	6339	
	M24x3.0					3300	3984	4559	7142	
	M25x3.0					4083			8521	
	M27x3.0					5074			10950	
	M30x3.5					5681			13657	
	M33x3.5					6912			15075	
	M36x4.0					9614			19500	
	M39x4.0					11285			23492	
	M42x4.5					13168			27706	
	M45x4.5					17718			33411	
	M48x5.00					18890			39453	
	M52x5.0					23717				
	M56x5.5					33750				
M60x5.5					35570					
M64x6.0					37410					
M68x6.0					46682					

**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		Panther CI Taps			NUT TAPS	Panther CI Taps
		STR FLUTES	STR FLUTES	SPIRAL POINT	SPIRAL FLUTES	STR FLUTES	SPIRAL POINT	SPIRAL FLUTES		
<b>TIN COATING</b>	M2.0x0.40	689								
	M2.2x0.45	689								
	M2.3x0.40	689								
	M2.5x0.45	689								
	M3x0.5		433	536	576	469	581	672		
	M3.5x0.6		433	571	576	469	581	672		
	M4x0.7		467	571	611	504	615	707		
	M4.5x0.75		498	597	644	530	644	714		
	M5x0.8		497	597	644	530	644	714		
	M6x1.0		497	597	644	540	661	719		
	M8x1.25		621	728	783	648	791	882		
	M10x1.5		735	876	942	740	948	1024		
	M12x1.75					1079	1278	1417		
	M14x2.00					1509	1830	2129		
	M16x2.00					1609	1930	2229		
	M18x2.5					2601	3050	3412		
	M20x2.5					3206	3757	4443		
	M22x2.5					3502	4076	4700		
M24x3.0					3799	4483	5057			

TiN Coated items are supplied against order only



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

PRICE Rs. EACH

	NOM DIA X PITCH	PART II		Panther CI Taps			NUT TAPS	Panther CI Taps	
		STR FLUTES	SPIRAL POINT	SPIRAL FLUTES	STR FLUTES	SPIRAL POINT			SPIRAL FLUTES
<b>BRIGHT FINISH</b>	M3.0x0.35	581	782						
	M3.5x0.35	581	782						
	M4x0.5	581	707						
	M4.5x0.5	570	707						
	M5x0.5	570	689						
	M6x0.75	577	782	741	637	694	823	1015	721
	M7x0.75	667	782	880	667	795		1291	834
	M8x0.75								
	M8x1.0	604	721	791	667	730	877	1170	755
	M9x1.0								
	M10x1.0	687	828	950	769	831	1050	1541	1215
	M10x1.25	687	828	950	769	831	1050	1541	1215
	M12x1.0							2420	
	M12x1.25				1118	1270	1500	2420	1397
	M12x1.5				1118	1270	1500	2420	1397
	M14x1.0							3608	
	M14x1.25				1429	1709	2060	3608	1786
	M14x1.5				1379	1709	1998	3608	1724
	M16x1.0							3608	
	M16x1.5				1379	1709	2006	3608	1724
	M18x1.0							5360	
	M18x1.5				2501	2805	3360	5360	
	M18x2.0				2501	2805	3360	5360	
	M20x1.5				3122	3512	4294	6872	
	M20x2.0				3122	3512	4294	6872	
	M22x1.5				3381	3847	4707	7293	
	M22x2.0				3381	3847	4707	7293	
	M24x1.5				3777	4236	5221	8675	
	M24x2.0				3777	4236	5221	8675	
	M25x1.5				4046			9755	
	M25x2.0				4046				
	M26x1.5				4218				
	M26x2.0				4218				
	M27x1.5				5665			12290	
	M27x2.0				5665				
	M28x1.5				5665			15305	
	M28x2.0				5665				
	M30x1.5				6373			15305	
	M30x2.0				6373			15305	
	M30x3.0				6373				
M32x1.5				6754					
M32x2.0				6754					
M33x1.5				7780					

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

PRICE Rs. EACH

	NOM DIA X PITCH	STR FLUTES	PART II				Panther CI Taps			NUT TAPS	Panther CI Taps
			SPIRAL POINT	SPIRAL FLUTES	STR FLUTES	SPIRAL POINT	SPIRAL FLUTES	SPIRAL POINT	SPIRAL FLUTES		
<b>TIN COATING</b>	M33x2.0				7780				16972		
	M33x3.0				7780						
	M3.0x0.35	621	821								
	M3.5x0.35	621	821								
	M4x0.5	655	781								
	M4.5x0.5	644	781								
	M5x0.5	644	763								
	M6x0.75	651	856	815	711	768	897				
	M7x0.75	789	903	1002	789	916					
	M8x0.75										
	M8x1.0	725	843	912	789	851	998				
	M9x1.0										
	M10x1.0	808	950	1072	890	952	1171				
	M10x1.25	808	950	1072	890	952	1171				
	M12x1.0										
	M12x1.25				1239	1391	1621				
	M12x1.5				1239	1391	1621				
	M14x1.0										
	M14x1.25				1579	1859	2210				
	M14x1.5				1529	1859	2148				
	M16x1.0										
	M16x1.5				1630	1959	2256				
	M18x1.0										
	M18x1.5				2902	3206	3761				
	M18x2.0				2902	3206	3761				
	M20x1.5				3523	3913	4695				
	M20x2.0				3523	3913	4695				
	M22x1.5				3880	4345	5205				
M22x2.0				3880	4345	5205					
M24x1.5				4275	4734	5719					
M24x2.0				4275	4734	5719					

TiN Coated items are supplied against order only



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

PRICE Rs. EACH

NOM. DIA PITCH	STRAIGHT FLUTES
M35x1.5	10787
M36x1.5	10787
M36x2.0	10787
M36x3.0	10787
M39x1.5	13435
M39x2.0	13435
M39x3.0	13435
M42x1.5	14883
M42x2.0	14883
M42x3.0	14883
M42x4.0	14883
M45x1.5	20712
M45x2.0	20712
M45x3.0	20712
M45x4.0	20712
M48x1.5	21511
M48x2.0	21511
M48x3.0	21511
M48x4.0	21511
M50x1.5	23810
M50x2.0	23810
M50x3.0	23810
M52x1.5	26789
M52x2.0	26789
M52x3.0	26789

PRICE Rs. EACH

NOM. DIA PITCH	STRAIGHT FLUTES
M52x4.0	26789
M56x1.5	36741
M56x2.0	36741
M56x3.0	36741
M56x4.0	36741
M60x1.5	38858
M60x2.0	38858
M60x3.0	39566
M60x4.0	39566
M64x1.5	41541
M64x2.0	41541
M64x3.0	42108
M64x4.0	42108
M68x1.5	52566
M68x2.0	52566
M68x3.0	52988
M68x4.0	52988
M72x6.0	62987
M76x6.0	76880
M80x6.0	93048
M85x6.0	114526
M90x6.0	143098
M95x6.0	180109
M100x6.0	222518

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 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.

4. Left Hand Taps at 25% Extra
5. For M35= 40% & M42 = 80% extra

**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 MACHINE TAPS (COARSE PITCH) IS 6175 : 1991 : (6H - TOL) PART IV

PRICE Rs. EACH

NOM. DIA PITCH	STR FLUTES TYPE 'A', 'C', 'D'.	SPIRAL POINT TYPE 'B'.	SPIRAL FLUTES TYPE 'C'
M3x0.5	862	995	1010
M4x0.7	862	995	1010
M5x0.8	623	730	760
M6x1.0	666	784	824
M8x1.25	721	862	891
M10x1.5	915	1050	1117
M12x1.75	1278	1484	1626
M14x2.0	1839	2139	2463
M16x2.0	1839	2139	2463
M18x2.5	2843	3285	3704
M20x2.5	3532	4058	4413
M22x2.5	3923	4559	4444
M24x3.0	4331	5060	5518

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 5 NOS. PER SIZE. WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

PRICE Rs. EACH

NOM. DIA PITCH	STR FLUTES TYPE 'A', 'C', 'D'.	SPIRAL POINT TYPE 'B'.	SPIRAL FLUTES TYPE 'C'
M27x3.0	6309		
M30x3.5	7157		
M33x3.5	8440		
M36x4.0	11375		
M39x4.0	13307		
M42x4.5	15578		
M45x4.5	20441		
M48x5.0	22908		
M52x5.0	26496		
M56x5.5	35130		
M60x5.5	40248		
M64x6.0	45406		
M68x6.0	63284		

**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)

PRICE Rs. EACH

SIZE	PRICE (Rs.) Each Type 'A' & 'C'	PRICE (Rs.) Each Type 'B'
1/8	609	712
3/16	670	764
1/4	679	808
5/16	788	915
3/8	948	1193
7/16	1128	1334
1/2	1337	1540
5/8	1960	2265
3/4	2569	3512
7/8	4118	4602

PRICE Rs. EACH

SIZE	PRICE (Rs.) Each Type 'A' & 'C'	PRICE (Rs.) Each Type 'B'
1	5158	5442
1.1/8	6874	7360
1.1/4	8289	8953
1.1/2	12919	13504
1.3/8	12919	13504
1.5/8	15434	16040
1.3/4	17925	18570
1.7/8	21900	22488
2	25889	26454



## 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'
M3x0.35F5:H56	1170	1256
M3.5x0.35	1170	1256
M4x0.5	1170	1256
M4.5x0.5	757	889
M5x0.5	757	889
M6x0.75	757	889
M7x0.75	866	1003
M8x1.0	796	949
M10x1.0	958	1109
M10x1.25	974	1128
M12x1.25	1388	1603
M12x1.5	1388	1603
M14x1.25	1815	2147
M14x1.5	1815	2147
M16x1.5	1778	2187
M18x1.5	3127	3795
M18x2.0	3127	3795
M20x1.5	4088	4827
M20x2.0	4088	4827
M22x1.5	4239	5012
M22x2.0	4239	5012
M24x1.5	4737	5588
M24x2.0	4737	5588
M25x1.5	6031	7127
M25x2.0	6031	7127
M26x1.5	6165	7277
M26x2.0	6165	7277
M27x1.5	7429	8492
M27x2.0	7429	8492

PRICE Rs. EACH

NOM. DIA X PITCH	STRAIGHT FLUTES TYPE 'A','C','D'	SPIRAL POINT TYPE 'B'
M28x1.5	8076	9209
M28x2.0	8076	9209
M30x1.5	8360	
M30x2.0	8360	
M30x3.0	8360	
M32x1.5	9182	
M32x2.0	9182	
M33x1.5	10112	
M33x2.0	10112	
M33x3.0	10112	
M35x1.5	14135	
M36x1.5	14135	
M36x2.0	14135	
M36x3.0	14135	
M39x1.5	17379	
M39x2.0	17379	
M39x3.0	17379	
M40x1.5	18581	
M40x2.0	18581	
M40x3.0	18581	
M42x1.5	19135	
M42x2.0	19135	
M42x3.0	19135	
M42x4.0	19135	
M45x1.5	26677	
M45x2.0	26677	
M45x3.0	26677	
M45x4.0	26677	
M48x1.5	28119	

## 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'
M48x2.0	28119
M48x3.0	28119
M48x4.0	28119
M50x1.5	32500
M50x2.0	32500

PRICE Rs. EACH

NOM. DIA X PITCH	STRAIGHT FLUTES TYPE 'A','C','D'
M50x3.0	32500
M52x1.5	34762
M52x2.0	34762
M52x3.0	34762
M52x4.0	34762

**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			BSPT	NPT	NPTF
INCH	BSP	NPS	NPSF			
1/16	-	-	-	-	802	802
1/8	656	745	903	838	865	1031
1/4	1024	1291	1592	1501	1575	1944
3/8	1509	1587	1966	1985	2079	2353
1/2	2199	2363	2859	2853	2995	3392
5/8	2488	-	-	-	-	-
3/4	3543	3717	4572	4636	4704	5437
7/8	4420	-	-	-	-	-
1	5570	6206	7589	7207	7398	8456
1.1/4	8365	9777	-	10565	10696	12458
1.1/2	10438	12082	-	12957	13813	-
1.3/4	15967	-	-	-	-	-
2	18737	21591	-	22762	23922	-
2.1/4	32409	-	-	-	-	-
2.1/2	46760	-	-	68250	69318	-
2.3/4	52185	-	-	-	-	-
3	60584	-	-	89297	90022	-
3.1/2	78849	-	-	117705	117907	-
4	99113	-	-	148369	151114	-

**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	484	606	988
1	484	606	988
2	411	551	858
3	411	551	858
4 ★	411	551	858
5	411	551	948
6	456	592	1051

ITEM MARKED ★ ARE EX-STOCK ITEMS ALL REMAINING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 50 NOS. PER SIZE. WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

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

B.S. CY SIZE INCH	TPI	PRICE (Rs) EACH	
		STR. FLUTES	SPIRAL POINTED
3/16	32	462	566
1/4	26	499	577
5/16	26	623	710
3/8	26	757	865
7/16	26	950	1142
1/2	26	1177	1373
9/16	26	1884	2081
1	24	3924	-
1.370	24	8293	-

B.S. B SIZE INCH	TPI	PRICE (Rs) EACH	
		STR. FLUTES	SPIRAL POINTED
1/4	26	485	569
5/16	26	642	732
3/8	26	732	840
7/16	26	972	1157
1/2	26	1198	1394
9/16	26	1868	2057
5/8	26	1868	-
3/4	26	2540	-
1	26	3910	-

**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	1257	1257
-	-	-	-
5/8	18	1922	-
3/4	16	2671	-
1	16	4164	-
1.1/4	16	6047	-
-	-	-	-
1.1/2	14	9671	-
2	14	16908	-

PRICES FOR LPG CYLINDER 3/4 NGT TAPS :	(Rs.) EACH
1. 3/4" - 14 NGT tap interrupted 5 flutes to our Drg.No. M22 - 531	6003
2. 3/4" - 14 NGT tap interrupted 5 flutes to our Drg.No. M22 - 574	6609
3. 3/4" - 14 NGT tap interrupted 5 flutes to our Drg.No. M22 - 535	5737
4. 3/4" - 14 NGT tap NON-interrupted 4 flutes to our Drg.No. M22 - 535	4588

PRICES FOR LPG CYLINDER BSGT TAPS :	(Rs.) EACH
0.715" x 14 TPI - BSGT Tap Interrupted 5 flutes to our Drg. No. SKT-012	6738
0.715" x 14 TPI -BSGT Tap NON-Interrupted 4 flutes to our Drg. No. SKT- 012	5878

**IMPORTANT NOTE :**

ALL NGT &BSGT TAPS ARE SUBJECT TO ORDER VALUE BEING MINIMUM

ITEM MARKED ★ ARE EX-STOCK ITMS ALL REMAINNING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 15 NOS. PER SIZE. WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

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	413	492		
3/16	413	507		889
1/4	428	514	598	1008
5/16	484	599	663	1261
3/8	589	721	822	1663
7/16	753	929	1080	2062
1/2	953	1144	1319	2864
9/16	1379	1682	2028	2864
5/8	1379	1682	2028	3717
11/16				3903
3/4	2183	2614	3091	4588
7/8	3011	3627	4223	6285
1	3808	4400	5050	8173
1.1/8	5156			11006
1.1/4	6198			13643
1.3/8	8005			16236
1.1/2	9610			19455
1.5/8(BSF ONLY)	11323			21897
1.3/4	13319			27367
2	18888			39002
2.1/4	28158			
2.1/2	37050			
2.3/4	46220			
3	62061			

A set consist of Taper, Second & Bottoming



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

NOM DIA PITCH	STRAIGHT FLUTES PRICE (Rs.) EACH
M4x0.7	581
M5x0.8	623
M6x1.0	694
M8x1.25	726
M10x1.5	914
M12x1.75	1070
M14x2.0	1858
M16x2.0	1858
M18x2.5	3060
M20x2.5	4091

NOM DIA PITCH	STRAIGHT FLUTES PRICE (Rs.) EACH
1/8" BSW	622
5/32" BSW	635
3/16" BSW	635
1/4" BSW	648
5/16" BSW	726
3/8" BSW	914
7/16" BSW	1282
1/2" BSW	1282
9/16" BSW	1858
5/8" BSW	1858

ITEM MARKED ★ ARE EX-STOCK ITMS ALL REMAINNING ITEMS WILL ATTRACT MINIMUM ORDER VALUE OF RS. 50,000/- NETT MOQ OR 25 NOS. PER SIZE. WHICHEVER IS HIGHER.

For M35= 40% & M42 = 80% extra

## HSS-E PANTHER SERISE TAPS TO IS 6175 - PART - II &PART - IV AND DIN - 371

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - II AND DIN 371				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESSOIL GROOVES
Bright / steam Tempered	M3x0.5	679	760	565		
	M4x0.7	679	760	565	1188	1311
	M5x0.8	708	802	595	1188	1311
	M6x1.0	708	802	595	1188	1311
	M8x1.0	943	1150	784	1649	1722
	M8x1.25	794	907	656	1373	1436
	M10x1.25	1136	1302	949	1679	1755
	M10X1.50	978	1128	815	1679	1755
	M12X1.75					
	M14X2.0					
	M16X1.5					
	M16X2.0					

**HSS-E PANTHER SERISE TAPS TO IS  
6175 - PART - II & PART - IV AND DIN - 371**

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - II AND DIN 371				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESSOIL GROOVES
Tin- Coating	M3x0.5	744	836	616		
	M4x0.7	744	836	616	1281	1401
	M5x0.8	777	881	650	1281	1401
	M6x1.0	777	881	650	1281	1401
	M8x1.0	1016	1239	846	1755	1830
	M8x1.25	869	993	721	1481	1542
	M10x1.25	1246	1429	1037	1808	1885
	M10X1.50	1075	1236	893	1767	1885
	M12X1.75					
	M14X2.0					
	M16X1.5					
	M16X2.0					

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - II AND DIN 371				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESSOIL GROOVES
TiCN / Ti(A)IN	M3x0.5	808	910	670		
	M4x0.7	808	910	670	1377	1497
	M5x0.8	845	958	706	1377	1497
	M6x1.0	845	958	706	1377	1497
	M8x1.0	1093	1323	909	1863	1938
	M8x1.25	945	1080	782	1587	1651
	M10x1.25	1355	1553	1130	1939	2014
	M10X1.50	1165	1341	971	1938	2014
	M12X1.75					
	M14X2.0					
	M16X1.5					
	M16X2.0					

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - IV				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESSOIL GROOVES
Bright / steam Tempered	M3x0.5	M6x1.0	1128		939	
	M4x0.7	M8x1.0				
	M5x0.8	M8x1.25	1199		1002	
	M6x1.0	M10x1.25				
	M8x1.0	M10x1.5	1461		1219	
	M8x1.25	M12X1.75	2122		1751	
	M10x1.25	M14X2.0			1679	
	M10X1.50	M16X1.5			1679	
	M12X1.75	M16X2.0				



**HSS-E PANTHER SERISE TAPS TO IS  
6175 - PART - II & PART - IV AND DIN - 371**

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - IV				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESS OIL GROOVES
Tin- Coating	M6x1.0	1236		1029		
	M8x1.0					
	M8x1.25	1312		1094		
	M10x1.25					
	M10x1.5	1599		1337		
	M12X1.75	2322		1915		
	M14X2.0			1037		
	M16X1.5			893		
	M16X2.0					

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - IV				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESS OIL GROOVES
TiCN / Ti(A)N	M6x1.0	1341		1118		
	M8x1.0					
	M8x1.25	1428		1190		
	M10x1.25					
	M10x1.5	1739		1455		
	M12X1.75	2524		2082		
	M14X2.0			1130		
	M16X1.5			971		
	M16X2.0					

\* MINIMUM ORDER VALUE OF Rs 50,000/- NETT OR MOQ 10 NO'S PER SIZE WHICH EVER IS HIGHER

**HSS-E PANTHER SERISE TAPS TO IS 6175  
PART - III & DIN - 371 AND DIN - 376**

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - III				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESS OIL GROOVES
Bright / steam Tempered	M3x0.5					
	M4x0.7					
	M5x0.8					
	M6x1.0					
	M8x1.0					
	M8x1.25					
	M10x1.25					
	M10X1.50					
	M12X1.75	1537	1771	1300		2892
	M14X2.0	2091	2387	1738		4000
	M16X1.5	2100	2407	1751		4282
	M16X2.0	2091	2387	1738		4282
	M18X2.5	3034	3467	2522		
	M20X1.5	5084	6609	4564		
M20X2.5	3998	4568	3323		8009	

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - III				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESS OIL GROOVES
Tin- Coating	M3x0.5					
	M4x0.7					
	M5x0.8					
	M6x1.0					
	M8x1.0					
	M8x1.25					
	M10x1.25					
	M10X1.50					
	M12X1.75	1682	1940	1425		3038
	M14X2.0	2291	2617	1906		4262
	M16X1.5	2300	2912	1915		4545
	M16X2.0	2291	2617	1906		4545
	M18X2.5	3228	3661	2715		
	M20X1.5	5762	7334	5130		
M20X2.5	4260	4834	3587		8286	



**HSS-E PANTHER SERISE TAPS TO IS 6175  
PART - III & DIN - 371 AND DIN - 376**

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - III				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESSOIL GROOVES
TiCN / Ti(A)IN	M3x0.5					
	M4x0.7					
	M5x0.8					
	M6x1.0					
	M8x1.0					
	M8x1.25					
	M10x1.25					
	M10X1.50					
	M12X1.75	1830	2106	1548		3271
	M14X2.0	2490	2848	2071		4524
	M16X1.5	2500	3140	2082		4807
	M16X2.0	2490	2848	2071		4807
	M18X2.5	3419	3856	2907		
	M20X1.5	6440	8060	5694		
M20X2.5	4522	5095	3849		8563	

PRICE Rs. EACH

	NOM DIA X PITCH	IS : 6175 - PART - III				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESSOIL GROOVES
Bright / steam Tempered	M6x1.0					
	M8x1.0	1282	1723	1104	2038	
	M8x1.25					
	M10x1.25	1606	1966	1312	2493	
	M10x1.5					
	M12X1.75	2122	2847	1751		3703
	M14X2.0	2913	3900	2400		5084
	M16X1.5	3057	4015	2513		
	M16X2.0	2913	3900	2400		5084
	M18X2.5	4720	6137	4121		
	M20X1.5					
	M20X2.5	5805	7545	5062		
	M18X2.5	3034	3467	2522		

PRICE Rs. EACH

	NOM DIA X PITCH	DIN - 374 / DIN - 376				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESSOIL GROOVES
Tin-Coating	M6x1.0					
	M8x1.0	1396	1853	1198	2184	2276
	M8x1.25					
	M10x1.25	1749	2127	1428	2668	2784
	M10x1.5					
	M12X1.75	2322	3078	1915		4022
	M14X2.0	3080	4069	2570		5269
	M16X1.5	3296	4108	2722		6039
	M16X2.0	3080	4069	2570		5269
	M18X2.5	4914	6329	4314		
	M20X1.5					
	M20X2.5	6067	7807	3975		

PRICE Rs. EACH

	NOM DIA X PITCH	DIN - 374 / DIN - 376				
		SPPT	SPIRAL	CAST IRON	FLUTELESS	FLUTELESSOIL GROOVES
TiCN / Ti(A)IN	M6x1.0					
	M8x1.0	1510	1984	1293	2331	2421
	M8x1.25					
	M10x1.25	1886	2292	1543	2844	2957
	M10x1.5					
	M12X1.75	2524	3308	2082		4339
	M14X2.0	3251	4241	2740		5452
	M16X1.5	3566	4222	2949		6350
	M16X2.0	3251	4241	2740		5452
	M18X2.5	5106	6523	4506		
	M20X1.5					
	M20X2.5	6330	8072	5587		

\* MINIMUM ORDER VALUE OF Rs 50,000/- NETT OR MOQ 10 NO'S PER SIZE WHICH EVER IS HIGHER



## MASONRY DRILL - CARBIDE TIPPED (GROUNDFLUTED & BRIGHT PLATED) TO OUR STANDARD

SIZE INCH		FLUTE LENGTH	OVER ALL LENGTH	PRICE (Rs.) EACH	
MM	INCH			HATHYAR 900	HATHYAR 1000
3	1/8	40	76	66	75
4	5/32	45	85	79	89
5	3/16	45	87	89	98
6	7/32	45	87	106	117
6	15/64	60	107	117	129
7	1/4	60	107	106	117
7	9/32	60	107	206	224
8	5/16	80	120	181	200
9	11/32	80	120	239	263
10	3/8	80	120	212	235
11	7/16	115	160	299	329
12	15/32	115	160	265	292
13	1/2	115	160	265	292

## HSS HATHYAR TOOL BITS (BLANKS)

SIZE INCH		PRICE (Rs.) EACH		
MM	INCH	HATHYAR 600	HATHYAR 900	HATHYAR 1000
3/16 x 3	5 x 75	131	336	
3/16 x 4	5 x 100	171	493	
3/16 x 6	5 x 150	266	1044	
1/4 x 3	6 x 75	149	450	
1/4 x 4	6 x 100	173	601	607
1/4 x 6	6 x 150	251	977	985
1/4 x 8	6 x 200	360	1668	
5/16 x 3	8 x 75	166	581	
5/16 x 4	8 x 100	211	794	
5/16 x 6	8 x 150	355	1280	1292
5/16 x 8	8 x 200	451	1820	
3/8 x 3		207	682	726
3/8 x 4		251	905	977
3/8 x 6		390	1457	1542
3/8 x 8		534	2083	2207
3/8 x 10		688	2754	
	10 x 75	230	753	
	10 x 100	274	1013	
	100 x 150	424	1585	
	10 x 200	591	2229	
	10 x 250	749	2943	
1/2 x 3	12 x 75	311	1118	
1/2 x 4	12 x 100	390	1460	1551
1/2 x 6	12 x 150	598	2300	2398
1/2 x 8	12 x 200	788	3211	3343

## HSS HATHYAR TOOL BITS (BLANKS)

SIZE INCH		PRICE (Rs.) EACH		
MM	INCH	HATHYAR 600	HATHYAR 900	HATHYAR 1000
1/2 x 10	12 x 250	1197	4424	
5/8 x 4	16 x 100	619	2342	
5/8 x 6	16 x 150	916	3613	3814
5/8 x 8	16 x 200	1239	5072	
3/4 x 4		859	3386	5296
3/4 x 6		1256	4979	
3/4 x 8		1716	6826	
	20 x 100	937	3708	
	20 x 150	1367	5555	
	20 x 200	1869	7399	
1 x 6	25 x 150	2116	8353	
1 x 8	25 x 200	2875	11108	



## OUR BRANDS



*Kushal Karigaron Ki Pasand*



• Quicker • Sharper • More Powerful



**DUROMASTER**



### REGISTERED OFFICE

23, Birla Mansion No. 2, 1st Floor, D. D. Sathe Marg,  
Prarthana Samaj, Mumbai - 400 004.

### MUMBAI OFFICE

Dalamal House, 1st Floor, 206, J. Bajaj Road,  
Nariman Point, Mumbai - 400 021.

### THE LEGACY

Celebrating craftsmanship & precision since 1937

Serving customers across 50+ countries with unwavering reliability

First company in India to manufacture cutting tools

First to start tool holder manufacturing

Largest capacity for HSS jobber drills, center drills and taper shank drills

Largest range of HSS Cutting Tools

#### Note:

- Prices are subject to change without prior notice and are based on current input costs.
- Listed prices apply to standard products only; applicable taxes will be charged extra.
- Prices are quoted on an F.O.R. (Free on Road) destination basis.
- This price list is effective from 01/08/2025.

**CUSTOMER CARE**  
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