



Addison & Co Ltd., established in 1873, is India's largest manufacturer of HSS Cutting Tools. The Company's current product range:

### **I. HSS Tools:**

- a) Twist Drills
- b) Centre Drills
- c) Reamers
- d) Taps
- e) End Mills
- f) Counter Bores
- g) Countersinks
- h) Milling Cutters
- i) Tool Bits
- j) Broaches and Hobs

### **II. Carbide Tools:**

- a) Multi-point Carbide-tipped Tools
- b) Solid Carbide Drills
- c) Solid Carbide Centre Drills
- d) Solid Carbide Reamers and
- e) Solid Carbide Endmills

### **III. Machine Tools:**

- a) Tool and Cutter Grinder
  - Manual
  - CNC
- b) Drill Point Grinders
- c) Goniometer (Drill Measuring Instrument) and
- d) Accessories for our machines

At Addison, we have a policy – to build Precise tools which are of highest quality and to extend excellent technical service to the end-users.

Addison, an ISO 9001:2015 and ISO 14001:2015 certified company, manufactures tools with high quality CNC machines, state-of-the art manufacturing technology, a well-equipped metallurgical lab, a Tool Tech Centre (R&D) and Total Quality Control which has put its metal cutting tools on par with the best brands of cutting tools in the world.

The High Speed Steel and carbide rods used for manufacturing the above tools are of highest quality and procured from Europe, Japan and India.

Distribution of the above products in India is primarily done through the network of Authorised Dealers and Sub Dealers.

Addison also exports HSS and Carbide Tools to USA, Canada, Japan, Europe, Australia, Latin America, South East Asia, Middle-East and Africa.



# Terms and Conditions

## Price

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 / stockists are free to sell the goods at prices lower than the prices indicated in this price list.

## Minimum Order Quantities (MOQ)

The Minimum Ordering Quantities (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 confirming 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: [enquiry@addison.co.in](mailto:enquiry@addison.co.in)

Quick Spiral and Slow Spiral Drills			
Series	Size	Standard	Surcharge (extra) on listed price indicated in this Price List
Parallel Shank Twist Drills			
Jobber Series	1.0 mm - 3.17 mm (1/8")	IS 5101 - 1991 BS 328 (PART 1) 1986	50%
	Above 3.17 mm (1/8")	IS 5101 - 1991 BS 328 (PART 1) 1986	25%



Stub Series	1.0 mm - 3.17 mm (1/8")	IS 5100 - 1969 BS 328 (PART 1) 1986	50%	
	Above 3.17 mm (1/8")	IS 5100 - 1969 BS 328 (PART 1) 1986	25%	
Long Series	1.0 mm - 3.17 mm (1/8")	IS 5102 - 1969 BS 328 (PART 1) 1986	50%	
	Above 3.17 mm (1/8")	IS 5102 - 1969 BS 328 (PART 1) 1986	25%	
<b>Taper Shank Twist Drills</b>				
All Series of Taper Shank	3.0 mm - 102.0 mm (4")	IS 5103 - 1969 BS 328 (PART 1) 1986	25%	
<b>Extra Long Series</b>				
Parallel Shank	3.0 mm - 12.5 mm (1/2")	IS 7823-2005	25%	
Taper Shank	3.0 mm - 102.0 mm (4")	IS 7822-2005	25%	
<b>Left Hand Drills</b>				
<b>Parallel Shank</b>	Jobber Series	3.0 mm and above	IS 5101 - 1991 BS 328 (PART 1) 1986	35%
	Stub Series	3.0 mm and above	IS 5100 - 1969 BS 328 (PART 1) 1986	25%
	Long Series	3.0 mm and above	IS 5102 - 1969 BS 328 (PART 1) 1986	25%
<b>Taper Shank Twist Drills</b>	3.0 mm - 102 mm (4")	IS 5103 - 1969 BS 328 (PART 1) 1986	25%	
<b>Taper Shank Core Drills</b>	7.0 mm - 76.2 mm (3")	IS 5366 - 1959 BS 328 (PART 1) 1986	25%	
<b>Oversize Taper Shank Drills</b>	Any size	IS 5104 - 1959 BS 328 (PART 1) 1986	10%	



## Milling Cutter

- (1) For Convex Cutters, Concave Cutters, Single Corner Rounding Cutters, We have switched over the manufacture to current ISS – IS 6323/1982 and IS 6314/1982. We also manufacture and supply these cutters as per old ISS 6323/1971, IS 6322/1971 and IS 6314/1971, for which full dimensions and prices are also given herein.
- (2) Side & Face Cutters to BSS - Type-B (Straight Teeth) and Slotting Cutter to BSS. Cutters of width  $\frac{3}{4}$ " and above will be supplied with LH Helix as Standard.
- (3) Key way Milling Cutters  
Cutters will be radially Turned with Staggered Teeth and without corner Radius.
- (4) 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  
14mm to 16 mm – 50 Nos. Each  
17mm 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 6mm 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 and Tool Type-H will be supplied as Standard, unless otherwise specified.
2. Prices and MOQ for Standard series can be furnished on request.
3. Inch Sizes RH Cutting with RH Helical Flutes will be supplied as Standard.

### Taper shank Slot Drills

1. Metric Sizes with Tapped End from 6mm Dia can be manufactured and supplied as per IS 6388-1991
2. RH Cutting with 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 3mm to 10mm and Part 3 design will be supplied above 10mm.



## 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

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

A Set consists of 2 Taps (Taper & Bottoming)

## BS CON & BSCY

A Set consist of 3 Taps (Taper, Second & Bottoming)

We can also supply BSP (Parallel) Taps to new BS 949 (Part 3) – 1982 (G/TP Series) at the same rates and MOQ as given above for all sizes

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 (upto and Including 10mm) – Surcharge 15% Extra on the Listed price
- c) Serial Taps – No Surcharge



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**HSS PARALLEL SHANK TWIST DRILLS  
JOBBER SERIES**

**IS 5101 - 1991  
BS 328 (PART 1) 1986**

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
0.3				4325	4398		200
0.4				4325	4398		200
0.5				4325	4398		200
0.6				4325	4398		200
0.7				2470	2511		200
0.8				2470 **	2511		200
0.9				2470 **	2511		200
1.0			651 *	603	614	1049	200
(1.02)		60	651	603	614		200
(1.04)		59	651	603	614		200
(1.07)		58	651	603	614		200
(1.09)		57	651	603	614		200
1.10			651 **	603	614	1049	200
(1.18)		56	651	603	614		200
(1.19)	3/64		651	603	614		200
1.20			651 **	603 **	614	1049	200
1.30			651 **	603	614	1049	200
(1.32)		55	651	603	614		200
1.40		54	651 **	603 **	614	1049	200
1.50			618 *	572	583	1049	200
(1.51)		53	618	572	583		200
(1.59)	1/16		618	572	583		200
1.60			618 *	572 **	583	1049	200
(1.61)		52	665	616	627		200
1.70			665 **	616	627	1098	200
(1.70)		51	665	616	627		200
(1.78)		50	665	616	627		200
1.80			665 *	616 **	627	1098	200
(1.85)		49	665	616	627		200
1.90			665 **	616 **	627	1129	200
(1.93)		48	665	616	627		200
(1.98)	5/64		665	616	627		200
(1.99)		47	665	616	627		200
2.00			665 *	616 *	627	1098	200
(2.06)		46	665	616	627		200
(2.08)		45	665	616	627		200
2.10			665 *	616 **	627	1182	200
(2.18)		44	665	616	627		200
2.20			665 *	616 **	627	1182	200
(2.26)		43	665	616	627		200
2.30			665 *	616	627	1182	200
(2.37)		42	665	616	627		200
(2.38)	3/32		665	616	627		200
2.40			665 *	616 **	627	1182	200
(2.44)		41	665	616	627		200
(2.49)		40	665	616	627		200
2.50			665 *	616 *	627	1182	200
(2.53)		39	665	616	627		200
(2.58)		38	665	616	627		200
2.60			665 *	616 **	627	1182	200
(2.64)		37	665	616	627		200
2.70			665 *	616 **	627	1182	200
(2.71)		36	665	616	627		200
(2.78)	7/64		665	616	627		200
(2.79)		35	727	673	685		200

Jobber upto 3mm not recommended for TIN-Coated as price performance ratio does not suits. However if application demands we can supply.



**HSS PARALLEL SHANK TWIST DRILLS  
JOBBER SERIES**

**IS 5101 - 1991  
BS 328 (PART 1) 1986**

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
2.80			727 *	674 **	685	1248	200
(2.82)		34	727	674	685		200
(2.87)		33	727	674	685		200
2.90			727 *	674	685	1248	200
(2.95)		32	727	674	685		200
3.00			727 *	674 *	685 **	1248 **	200
(3.05)		31	866	803	816		200
3.10			866 *	803 **	816	1295	200
(3.17)	1/8		866 *	803 *	816		200
3.20			897 *	831 *	846	1324	200
(3.26)		30	897	831	846		200
3.30			897 *	831 **	846	1324	200
3.40			897 *	831	846	1324	200
(3.45)		29	897	831	846		200
3.50			897 *	831 *	846	1324	200
(3.57)		28	897	831	846		200
(3.57)	9/64		897 *	831 **	846		200
3.60			1269 *	1175	1195	1677	200
(3.66)		27	1269	1175	1195		200
3.70			1269 *	1175 **	1195	1677	200
(3.73)		26	1269	1175	1195		200
(3.80)		25	1269 *	1175	1195		200
3.80			1269	1175 **	1195	1677	200
(3.86)		24	1269	1175	1195		200
3.90			1269 *	1175	1195	1677	200
(3.91)		23	1269	1175	1195		200
(3.97)	5/32		1269 *	1175 **	1195		200
(3.99)		22	1269	1175	1195		200
4.00			1269 *	1175 *	1195	1677	200
(4.04)		21	1547	1433	1459		200
(4.09)		20	1547	1433	1459		200
4.10			1547 *	1433 *	1459	1942	200
4.20			1547 *	1433 *	1459 **	1942	200
(4.22)		19	1547	1433	1459		200
4.30			1547 *	1433 **	1459	1942	200
(4.30)		18	1547	1433	1459		200
(4.37)	11/64		1547 *	1433	1459		200
(4.39)		17	1547	1433	1459		200
4.40			1547 *	1433 **	1459	1942	200
(4.50)		16	2027	1877	1911		200
4.50			2027 *	1877 *	1911 **	2399	200
(4.57)		15	2027	1877	1911		200
4.60			2027 **	1877	1911	2399	200
(4.62)		14	2027	1877	1911		200
4.70		13	2027	1877	1911	2399	200
(4.76)	3/16		2027 *	1877 **	1911		200
4.80		12	2027 *	1877 **	1911	2399	200
(4.85)		11	2197	2035	2072		200
4.90			2197 *	2035 **	2072	2560	200
(4.92)		10	2197 **	2035	2072		200
(4.98)		9	2197	2035	2072		200
5.00			2197 *	2035 *	2072 **	2560	200
(5.06)		8	2108	1980	2016		100
5.10			2108 *	1980 **	2016	2491	100
(5.11)		7	2108	1980	2016		

Jobber upto 3mm not recommended for TIN-Coated as price performance ratio does not suits. However if application demands we can supply.

For more details please refer our Drill Catalogue Pages 7 to 22.



**HSS PARALLEL SHANK TWIST DRILLS  
JOBBER SERIES**

**IS 5101 - 1991  
BS 328 (PART 1) 1986**

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
(5.16)	13/64		2108 *	1980 *	2016		100
(5.18)		6	2108	1980	2016		100
5.20			2108 *	1980 *	2016	2491	100
(5.22)		5	2271	2113	2151		100
5.30			2271 *	2113	2151	2624	100
(5.31)		4	2271 **	2113	2151		100
5.40			2271 **	2113 **	2151	2624	100
(5.41)		3	2271	2113	2151		100
5.50			2271 *	2113	2151 **	2624	100
(5.56)	7/32		2271 *	2113 **	2151		100
5.60			2271	2113	2151	2624	100
(5.61)		2	2554	2376	2419		100
5.70			2554	2376	2419	2893	100
(5.79)		1	2554 **	2376	2419		100
5.80			2554 *	2376	2419	2893	100
5.90			2554 *	2376	2419	2893	100
(5.94)		A	2554	2376	2419		100
(5.95)	15/64		2554	2376	2419		100
6.00			2554 *	2376	2419 **	2893	100
(6.04)		B	2776	2583 *	2629		100
6.10			2776 *	2583	2629	3247	100
(6.15)		C	2776	2583	2629		100
6.20			2776 *	2583 **	2629	3247 **	100
(6.25)		D	2776	2583	2629		100
6.30			2776 *	2583	2629	3247 **	100
(6.35)	1/4	E	2776 *	2583 *	2629		100
6.40			2776 *	2583 **	2629	3247	100
6.50			3549 *	3302 *	3361 **	3986	100
(6.53)		F	3549	3302	3361		100
6.60			3549 **	3302 **	3361	4043	100
(6.63)		G	3549	3302	3361		100
6.70			3549 *	3302 **	3361	4043	100
(6.75)	17/64		3549 *	3302 **	3361		100
(6.75)		H	3549	3302	3361		100
6.80			3549 *	3302 *	3361 **	4043	100
6.90			3890 *	3619 **	3683	4369	100
(6.90)		I	3890	3619	3683		100
7.00			3890 *	3619 *	3683	4369	100
(7.03)		J	3890	3619	3683		100
7.10			3890 *	3619 **	3683	4369	100

For more details please refer our Drill Catalogue Pages 7 to 22.



**HSS PARALLEL SHANK TWIST DRILLS  
JOBBER SERIES**

**IS 5101 - 1991  
BS 328 (PART 1) 1986**

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
(7.14)		K	3890	3619	3683		100
(7.14)	9/32		3890 *	3619 **	3683		100
7.20			3890 *	3619	3683	4369	100
7.30			4097 *	3812	3880	4566	100
(7.37)		L	4097	3812	3880		100
(7.40)			4097 **	3812 **	3880	4566	100
(7.49)		M	4097	3812	3880		100
7.50			4097 **	3812 **	3880	4566	100
(7.54)	19/64		4439	4130	4204		100
7.60			4439 **	4130	4204	5091	100
(7.67)		N	4439	4130	4204		100
7.70			4439	4130 **	4204	5091	100
7.80			4439 *	4130 **	4204	5091	100
7.90			4439 **	4130	4204	5091	100
(7.94)	5/16		4870 *	4531 *	4612		100
8.00			4870 *	4531 *	4612	5504	100
(8.03)		O	4870	4531	4612		100
8.10			4870 *	4531	4612	5504	100
8.20			4870 *	4531	4612	5504	100
(8.20)		P	4870	4531	4612		100
8.30			5908 *	5497 **	5595	6497 *	100
(8.33)	21/64		5908 *	5497 **	5595		100
8.40			5908 *	5497 **	5595	6497	100
(8.43)		Q	5908	5497	5595		100
8.50			5908 *	5497	5595 **	6497	100
8.60			5908 *	5497 **	5595	6892	100
(8.61)		R	5908	5497	5595		100
8.70			5908 *	5497 **	5595	6892	100
(8.73)	11/32		6220 *	5787	5891		100
8.80			6220 *	5787 **	5891	7190	100
(8.84)		S	6220	5787	5891		100
8.90			6220 **	5787	5891	7190	100
9.00			6220 *	5787 *	5891	7190	100
(9.09)		T	6489	6037	6145		100
9.10			6489 *	6037	6145	7448	100
(9.13)	23/64		6489	6037	6145		100
9.20			6489 *	6037	6145	7448	100
9.30			6489 **	6037 **	6145	7448	100
(9.34)		U	6489	6037	6145		100
9.40			6489 **	6037 **	6145	7448	100
9.50			6489 *	6037 *	6145	7448	100
(9.52)	3/8		7348 *	6837 **	6959		100
(9.58)		V	7348	6837	6959		100
9.60			7348 *	6837 **	6959	8468	100
9.70			7348 *	6837	6959	8468	100
9.80			7348 *	6837 **	6959	8468	100
(9.80)		W	7348	6837	6959		100
9.90			8224 **	7652	7789	9305	100
(9.92)	25/64		8224 **	7652	7789		100

For more details please refer our Drill Catalogue Pages 7 to 22.



**HSS PARALLEL SHANK TWIST DRILLS  
JOBBER SERIES**

**IS 5101 - 1991  
BS 328 (PART 1) 1986**

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
10.00			8224 *	7652 *	7789	9305	100
(10.08)		X	8224	7652	7789		100
10.10			8224 *	7652 **	7789	9971	100
10.20			8224 *	7652 *	7789 **	9971	100
(10.26)		Y	8924	8302	8451		100
10.30			8924 *	8302	8451	9971	100
(10.32)	13/32		8924 *	8302	8451		100
10.40			8924 *	8302	8451	9971	100
(10.49)		Z	8924	8302	8451		100
10.50			8924 *	8302 *	8451	9971	100
10.60			8924 *	8302	8451	10595	100
10.70			9443 *	8785	8942	10595	50
(10.72)	27/64		9443 **	8785	8942		50
10.80			9443 *	8785	8942	10595	50
10.90			9443 *	8785 **	8942	10595	50
11.00			9443 *	8785 **	8942	10595	50
11.10			10541 **	9807	9982	12198	50
(11.11)	7/16		10541 *	9807 **	9982		50
11.20			10541	9807	9982	12198	50
11.30			10541 **	9807	9982	12198	50
11.40			10541	9807	9982	12198	50
11.50			11121 *	10347 **	10531	12198	50
(11.51)	29/64		11121 **	10347	10531		50
11.60			11121 **	10347	10531	12921	50
11.70			11121 **	10347	10531	12921	50
11.80			11121 *	10347	10531	12921	50
11.90			11878	11051	11248	12921	50
(11.91)	15/32		11878 **	11051	11248		50
12.00			11878 *	11051 *	11248	12921	50
12.10			11878 *	11051	11248	13616	50
12.20			11878 *	11051	11248	13616	50
12.30			12604 **	11727	11936	13616	50
(12.30)	31/64		12604	11727	11936		50
12.40			12604 **	11727	11936	13616	50
12.50			12604 *	11727 *	11936	13616	50
12.60			12604 **	11727	11936	14608	50
(12.70)	1/2		13303 *	12377	12598	14608	50
12.80			13303 **	12377 **	12598	14608	50
12.90			13303 **	12377	12598	14608	50
13.00			13303 *	12377 *	12598	14608	50
(13.10)	33/64		16539	15388	15662		20
13.10			16539 **	15388	15662		20

For more details please refer our Drill Catalogue Pages 7 to 22.



**HSS PARALLEL SHANK TWIST DRILLS  
JOBBER SERIES**

**IS 5101 - 1991  
BS 328 (PART 1) 1986**

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
13.20			16539 **	15388	15662		20
13.30			16539 **	15388	15662		20
13.40			16539 **	15388	15662		20
(13.49)	17/32		17608 **	16382 **	16675		20
13.50			17608 *	16382 **	16675	19120	20
13.60			17608	16382	16675		20
13.70			17608 **	16382	16675		20
13.80			17608 **	16383	16675		20
(13.89)	35/64		19107	17777	18095		20
13.90			19107	17777	18095		20
14.00			19107 *	17777 **	18095	20552	20
14.25			19107	17777	18095		20
(14.29)	9/16		20043 **	18648	18981		20
14.50			20043 *	18648	18981	21446	20
(14.68)	37/64		21602	20098	20457		20
14.75			21602	20098	20457		20
15.00			21602 **	20098	20457	22936	20
(15.08)	19/32		21602	20098	20457		20
15.25			21602	20098	20457		20
(15.48)	39/64		23413	21784	22173		20
15.50			23413 **	21784	22173	24921	20
15.75			23413	21784	22173		20
(15.87)	5/8		23413	21784	22173		20
16.00			23413 *	21784	22173	24921	20
16.50			24170 **	22488	22889	26708	20
(16.67)	21/32		24170	22488	22889		20
17.00			24765 **	23041	23453	27260	20
(17.46)	11/16		24765 **	23041	23453		20
17.50			26293 **	24463	24900	29005	20
18.00			26784 *	24919	25364	29473	20
(18.26)	23/32		26784	24919	25364		20
18.50			28060 **	26107	26573	30678	20
19.00			28343 **	26370	26841	30948	20
(19.05)	3/4		28343	26370	26841		20
19.50			31876 **	29657	30186	34323	20
(19.84)	25/32		31876	29657	30186		20
20.00			33851 *	31495	32057	36210	20
(20.64)	13/16		33851	31495	32057		20
(21.43)	27/32		36003	33497	34095		20
(22.22)	7/8		36003	33497	34095		20

For more details please refer our Drill Catalogue Pages 7 to 22.

Set Rate for FFD

**1 mm to 13 mm in steps of 0.5 mm**

25 Pices with Metal Box Rs. 13,944/-  
25 Pices set with Telescopic Box Rs. 12,506/-

**1 mm to 13 mm in steps of 1 mm**

13 Pices Set Telescopix Box Rs. 6,589/-

**1/16" to 1/2" in steps of 1/64"**

29 Pices with Metal Box Rs. 16,467/-  
29 Pices set with Telescopic Box Rs. 14,768/-

Set Rate for GD

**1 mm to 13 mm in steps of 0.5 mm**

25 Pices with Metal Box Rs. 12,974/-  
25 Pices set with Telescopic Box Rs. 11,632/-

**1 mm to 13 mm in steps of 1 mm**

13 Pices Set Telescopix Box Rs. 6,128/-

**1/16" to 1/2" in steps of 1/64"**

29 Pices with Metal Box Rs. 15,318/-  
29 Pices set with Telescopic Box Rs. 13,768/-





### HSS PARALLEL SHANK TWIST DRILLS

IS 5100 - 1969

### STUB SERIES

BS 328 (PART 1) 1986

Size		M2 Price Per Ten (Rs.)	MOQ (No.)	Size		M2 Price Per Ten (Rs.)	MOQ (No.)	Size		M2 Price Per Ten (Rs.)	MOQ (No.)
mm	inch			mm	inch			mm	inch		
3.00		673 **	200	9.20		5470	100	16.25		18690	50
(3.17)	1/8	788 *	200	9.50		5470	100	16.50		18690	50
3.20		818	200	(9.52)	3/8	5718 **	100	(16.67)	21/32	18690	50
3.50		818	200	9.80		5718	100	16.75		19062	50
(3.57)	9/64	818 **	200	(9.92)	25/64	7003	100	17.00		19062	50
3.80		1133	200	10.00		7003 **	100	17.25		19407	50
(3.97)	5/32	1133 *	200	10.20		7003	100	(17.46)	11/16	19407	50
4.00		1133 **	200	(10.32)	13/32	7528	100	17.50		19407	50
4.20		1261	200	10.50		7528	100	17.75		19671	50
(4.37)	11/64	1261	200	(10.72)	27/64	8482	50	18.00		19671 **	50
4.50		1677	200	10.80		8482	50	18.25		20016	50
(4.76)	3/16	1677 **	200	11.00		8482	50	(18.26)	23/32	20016	50
4.80		1677 **	200	(11.11)	7/16	8841	50	18.50		20016	50
5.00		1776 *	200	11.20		8841	50	18.75		20375	50
(5.16)	13/64	1776 **	100	11.50		9448	50	19.00		20375	50
5.20		1776	100	(11.51)	29/64	9448	50	(19.05)	3/4	20375	50
5.50		1865	100	11.80		9448	50	19.25		20720	50
(5.56)	7/32	1865 **	100	(11.91)	15/32	10001	50	19.50		20720	50
5.80		2100	100	12.00		10001 *	50	19.75		20720	50
(5.95)	15/64	2100	100	12.20		10001	50	(19.84)	25/32	20720	50
6.00		2100 **	100	(12.3)	31/64	10872	50	20.00		21272 **	50
6.20		2348	100	12.50		10872	50	20.25		21507	50
(6.35)	1/4	2348 **	100	(12.70)	1/2	11106	50	20.50		21708	50
6.50		2888	100	12.80		11106	50	(20.64)	13/16	21708	50
(6.75)	17/64	2888 **	100	13.00		11106	50	20.75		22590	50
6.80		2888 **	100	13.20		12998	50	21.00		22590	50
7.00		3163 **	100	(13.49)	17/32	12998	50	21.25		22654	50
(7.14)	9/32	3163 **	100	13.50		13855	50	(21.43)	27/32	22654	50
7.20		3163	100	13.80		13855	50	21.50		23638	50
7.50		3287	100	14.00		15084	50	21.75		23717	50
(7.54)	19/64	3619	100	14.25		15084	50	22.00		23938	50
7.80		3619	100	(14.29)	9/16	15084	50	(22.22)	7/8	23717	50
7.94	5/16	3978 *	100	14.50		15706	50	22.25		25223	50
8.00		3978 **	100	14.75		16991	50	22.50		25463	50
8.20		3978	100	15.00		16991	50	22.75		25568	50
(8.33)	21/64	4972	100	(15.08)	19/32	16991	50	23.00		25804	50
8.50		4972 **	100	15.25		16991	50	(23.02)	29/32	25568	25
(8.73)	11/32	5180	100	15.50		18386	50	23.25		27047	25
8.80		5180	100	15.75		18386	50	23.50		27047	25
9.00		5180	100	(15.87)	5/8	18386	50	23.75		27047	25
(9.13)	23/64	5470	100	16.00		18386	50	(23.81)	15/16	27047	25

For more details please refer our Drill Catalogue Pages 23 to 26.



**HSS PARALLEL SHANK TWIST DRILLS  
STUB SERIES**

**IS 5100 - 1969  
BS 328 (PART 1) 1986**

Size		M2 Price Per Ten (Rs.)	MOQ (No.)	Size		M2 Price Per Ten (Rs.)	MOQ (No.)	Size		M2 Price Per Ten (Rs.)	MOQ (No.)
mm	inch			mm	inch			mm	inch		
24.00		30195	25	(28.57)	1.1/8	43292	25	(34.13)	1.11/32	70407	10
24.25		30195	25	29.00		45852	25	34.50		70407	10
24.50		30195	25	(29.37)	1.5/32	50018	25	(34.92)	1.3/8	70407	10
(24.61)	31/32	30195	25	29.50		50018	25	35.00		77424	10
24.75		32821	25	30.00		51156	25	35.50		78530	10
25.00		33126	25	(30.16)	1.3/16	51156	25	(35.72)	1.13/32	78530	10
25.25		33126	25	30.50		57036	25	36.00		79261	10
(25.40)	1	33126	25	(30.96)	1.7/32	57036	25	36.50		78530	10
25.50		37576	25	31.00		57036	25	(36.51)	1.7/16	78530	10
26.00		37576	25	31.50		57891	25	37.00		84400	10
(26.19)	1.1/32	38083	25	(31.75)	1.1/4	57891	10	(37.31)	1.15/32	85672	10
26.50		38436	25	32.00		59684	10	37.50		85672	10
(26.99)	1.1/16	38526	25	32.50		60987	10	38.00		85672	10
27.00		40978	25	(32.54)	1.9/32	60987	10	(38.10)	1.1/2	85672	10
27.50		40978	25	33.00		60987	10	38.50		95658	10
(27.78)	1.3/32	42960	25	(33.34)	1.5/16	60987	10	39.00		95658	10
28.00		43356	25	33.50		64150	10	39.50		97316	10
28.50		43698	25	34.00		64746	10	40.00		97316	10

For more details please refer our Drill Catalogue Pages 23 to 26.



## HSS PARALLEL SHANK TWIST DRILLS LONG SERIES

IS 5102 - 1969  
BS 328 (PART 1) 1986

Size				Price Per Piece (Rs.)				MOQ (No.)	Size				Price Per Piece (Rs.)				MOQ (No.)
mm	Inch	FL	OAL (mm)	M2	M35	M35 with TIN-Coated	M35 TiAIN Coated		mm	Inch	FL	OAL (mm)	M2	M35	M35 with TIN-Coated	M35 TiAIN Coated	
1.00		33	56	322				50	(5.56)	7/32	91	139	601 **				50
1.10		37	60	322				50	5.80		91	139	654 **				50
(1.19)	3/64	41	65	322				50	(5.95)	15/64	91	139	654				50
1.20		41	65	322				50	6.00		91	139	654 *	817	862	900	50
1.30		41	65	322				50	6.20		97	148	745 **				50
1.40		45	70	322				50	(6.35)	1/4	97	148	678 **	857	916	975	50
1.50		45	70	322 *				50	6.50		97	148	950 **	1196	1255	1316	50
(1.59)	1/16	50	76	322				50	(6.75)	17/64	102	156	1143				50
1.60		50	76	322 **				50	6.80		102	156	1143 **				50
1.70		50	76	322				50	7.00		102	156	1143 *	1443	1543	1642	50
1.80		53	80	322				50	(7.14)	9/32	102	156	1143				50
1.90		53	80	322 **				50	7.20		102	156	1143				50
(1.98)	5/64	56	85	322				50	7.50		102	156	1143 **	1443	1543	1642	50
2.00		56	85	322 *	455			50	(7.54)	19/64	109	165	1143				50
2.10		56	85	322 **				50	7.80		109	165	1143 **				50
2.20		59	90	322 **				50	(7.94)	5/16	109	165	1179	1487	1596	1703	50
2.30		59	90	408 **				50	8.00		109	165	1179 *	1487	1596	1703	50
(2.38)	3/32	62	95	408				50	8.20		109	165	1179 **				50
2.40		62	95	408 **				50	(8.33)	21/64	109	165	1179				50
2.50		62	95	408 *				50	8.50		109	165	1189 *	1485 *	1607	1716	50
2.60		62	95	408 *				50	(8.73)	11/32	115	175	1248				50
2.70		66	100	408 **				50	8.80		115	175	1509				50
(2.78)	7/64	66	100	408				50	9.00		115	175	1312 *	1655	1762	1871	50
2.80		66	100	408				50	(9.13)	23/64	115	175	1483				50
2.90		66	100	408				50	9.20		115	175	1509				50
3.00		66	100	413 *	516	554	587	50	9.50		115	175	1312 **	1655	1762	1871	50
(3.17)	1/8	69	106	413 **	520	554	587	50	(9.52)	3/8	121	184	1312	1655	1762	1871	25
3.20		69	106	413 **	520			50	9.80		121	184	1517 **				25
3.50		73	112	413 *	520	554	587	50	(9.92)	25/64	121	184	1517				25
(3.57)	9/64	73	112	413				50	10.00		121	184	1374 **	1733	1877	2024	25
3.80		78	119	444				50	10.20		121	184	1517 **				25
(3.97)	5/32	78	119	444				50	(10.32)	13/32	121	184	1374				25
4.00		78	119	444 *	560	592	628	50	10.50		121	184	1648 **	2079	2225	2369	25
4.20		78	119	444 **				50	(10.72)	27/64	128	195	1873				25
(4.37)	11/64	82	126	444				50	10.8		128	195	1873				25
4.50		82	126	444 **	560	592	628	50	11.0		128	195	1724 **	2175	2321	2466	25
(4.76)	3/16	87	132	444 **	560	592	628	50	(11.11)	7/16	128	195	1724	2175	2321	2466	25
4.80		87	132	444				50	11.2		128	195	2004				25
5.00		87	132	523 *	660	698	735	50	11.5		128	195	1774	2237	2383	2528	25
(5.16)	13/64	87	132	523				50	(11.51)	29/64	128	195	2004				25
5.20		87	132	523 **				50	11.8		128	195	2004				25
5.50		91	139	601 **	758	794	832	50	(11.91)	15/32	134	205	1774				25

For more details please refer our Drill Catalogue Pages 27 to 30.



**HSS PARALLEL SHANK TWIST DRILLS  
LONG SERIES**

**IS 5102 - 1969  
BS 328 (PART 1) 1986**

Size				Price Per Piece (Rs.)				MOQ (No.)	Size				Price Per Piece (Rs.)				MOQ (No.)
mm	Inch	FL	OAL (mm)	M2	M35	M35 with TIN-Coated	M35 TiAIN Coated		mm	Inch	FL	OAL (mm)	M2	M35	M35 with TIN-Coated	M35 TiAIN Coated	
12.0		134	205	1827 **	2305	2458	2610	25	(18.65)	47/64	162	247	3711				25
12.2		134	205	2038				25	18.75		162	247	3750				25
(12.30)	31/64	134	205	2038				25	19.0		162	247	3750	4730	5043	5354	25
12.5		134	205	1827	2305	2458	2610	25	(19.05)	3/4	166	254	3750	4730	5043	5354	25
(12.70)	1/2	134	205	1827	2305	2458	2610	25	19.25		166	254	3963				25
12.8		134	205	2798				25	(19.45)	49/64	166	254	4329				25
13.0		134	205	2538 **	3200	3352	3505	25	19.5		166	254	3963	4999	5350	5699	25
(13.10)	33/64	134	205	2820				25	19.75		166	254	3963				25
13.2		134	205	2820				25	(19.84)	25/32	166	254	3963				25
(13.49)	17/32	140	214	2586				25	20.0		166	254	4205	5306	5655	6004	25
13.5		140	214	2820	3557 *	3791	4027	25	(20.24)	51/64	171	261	4465				25
13.8		140	214	3070				25	20.25		171	261	4205				25
(13.89)	35/64	140	214	3070				25	20.5		171	261	4205	5306	5655	6004	25
14.0		140	214	2820	3557	3791	4027	25	(20.64)	13/16	171	261	4205	5306	5655	6004	25
14.25		144	220	2820				25	20.75		171	261	4329				25
(14.29)	9/16	144	220	2820	3557	3791	4027	25	21.0		171	261	4329	5461	5855	6248	25
14.5		144	220	2955	3728	3984	4241	25	(21.03)	53/64	171	261	4738				25
(14.68)	37/64	144	220	3254				25	21.25		176	268	4465				25
14.75		144	220	2955				25	(21.43)	27/32	176	268	4465				25
15.0		144	220	2955	3728	3984	4241	25	21.5		176	268	4738	5976	6370	6766	25
(15.08)	19/32	149	227	2955				25	21.75		176	268	4738				25
15.25		149	227	3070				25	(21.83)	55/64	176	268	5065				25
(15.48)	39/64	149	227	3352				25	22.0		176	268	4738	5976	6370	6766	25
15.5		149	227	3070	3873	4128	4384	25	(22.22)	7/8	176	268	4738	5976	6370	6766	25
15.75		149	227	3070				25	22.25		176	268	5128				25
(15.87)	5/8	149	227	3070	3873	4128	4384	25	22.5		180	275	5128	6469	6952	7436	25
16.0		149	227	3119	3935	4189	4446	25	(22.62)	57/64	180	275	5478				25
16.25		154	235	3119				25	22.75		180	275	5245				25
(16.27)	41/64	154	235	3468				25	23.0		180	275	5245	6617	7100	7584	25
16.5		154	235	3176	4007	4278	4550	25	(23.02)	29/32	180	275	5245				25
(16.67)	21/32	154	235	3176				25	23.25		180	275	5316				25
16.75		154	235	3254				25	(23.42)	59/64	180	275	6263				25
17.0		154	235	3254	4104	4374	4646	25	23.5		180	275	5817	7338	7821	8306	25
(17.07)	43/64	158	241	3535				25	23.75		185	282	5817				25
17.25		158	241	3254				25	(23.81)	15/16	185	282	5817	7338	7884	8432	25
(17.46)	11/16	158	241	3254	4104	4374	4646	25	24.0		185	282	6065	7650	8196	8743	25
17.5		158	241	3468	4376	4646	4917	25	(24.21)	61/64	185	282	6619				25
17.75		158	241	3468				25	24.25		185	282	6065				25
(17.86)	45/64	158	241	3836				25	24.5		185	282	6065	7650	8196	8743	25
18.0		158	241	3535	4461	4732	5003	25	(24.61)	31/32	185	282	6065				25
18.25		162	247	3535				25	24.75		185	282	6501				25
(18.26)	23/32	162	247	3535				25	25.0	63/64	185	282	6501	8202	8749	9296	25
18.5		162	247	3682	4644	4958	5270	25	(25.40)	1	190	290	6586	8309	9075	9841	25

For more details please refer our Drill Catalogue Pages 27 to 30.



**HSS PARALLEL SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7823 - 2005**

Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimeter							
mm	inch	150	175	200	225	250	300	350	
3	1/8	1187 **	1454	1645	1957	2307	2879		50
3.5		1156 **	1347	1734	2155	2593	3309		50
4	5/32	1156 **	1347	1734 **	2155	2593	3309	4562	50
4.5		1186	1454	1734	2155	2593	3406	4562	50
5	3/16	1186 *	1514	1878 **	2305	2724 **	3610 **	4787	50
5.5	7/32	1296	1618	2174	2458	2900	3836	4989	25
6		1296 **	1689	2065 *	2502	3001 *	3929 **	5179 **	25
6.5	1/4			2114		3057	4115	5178	25
7				2346 **		3364	4651 **	5813	25
7.5	9/32			2390		3570 **	4737	5813	25
8	5/16			2505 *		3722 *	4854 *	5949 **	25
8.5	11/32			2587 *		3801 **	4942 **	6354	25
9				2587 **		3801 **	4942	6354	25
9.5	3/8			2724		3823	5050	6558	25
10				2836 **		3929 **	5276 **	6853	25
10.5	13/32			2932		4196	5474	7207	25
11						4341	5641	7436	25
11.5	7/16					4341	5641	7436	25
12	15/32					4557 **	5983 **	7629	25
12.5	1/2					4700	6175	8137	25

For more details please refer our Drill Catalogue Pages 31 and 32.



## HSS TAPER SHANK TWIST DRILLS

IS 5103 - 1969  
BS 328 (PART 1) 1986

Size		Shank	Price Per Piece (Rs.)					MOQ (No.)
mm	inch		M2	M35	M42	M2 With Crank Shaft Design	M35 With Crank Shaft Design	
3.00		MT1	522 **			703	1054	100
(3.17)	1/8	MT1	522			735	1103	100
3.20		MT1	544			735	1103	100
3.50		MT1	522			703	1054	100
(3.57)	9/64	MT1	544			735	1103	100
3.80		MT1	544			735	1103	100
(3.97)	5/32	MT1	522			703	1054	100
4.00		MT1	522			703	1054	100
4.20		MT1	702 **			946	1418	100
(4.37)	11/64	MT1	702			946	1418	100
4.50		MT1	702 **			946	1418	100
(4.76)	3/16	MT1	702			974	1460	100
4.80		MT1	722			974	1460	100
5.00		MT1	702 *			946	1418	100
(5.16)	13/64	MT1	722			974	1460	100
5.20		MT1	722 **			974	1460	100
5.50		MT1	702 **			946	1418	100
(5.56)	7/32	MT1	702			974	1460	100
5.80		MT1	722			974	1460	100
(5.95)	15/64	MT1	722			974	1460	100
6.00		MT1	702 **			946	1418	100
6.20		MT1	808			1091	1635	100
(6.35)	1/4	MT1	800			1176	1764	100
6.50		MT1	871			1176	1764	100
(6.75)	17/64	MT1	882 **			1191	1789	100
6.80		MT1	882 *			1191	1789	100
7.00		MT1	871			1176	1764	100
(7.14)	9/32	MT1	871 **			1191	1789	100
7.20		MT1	882			1191	1789	100
7.50		MT1	871 **			1176	1764	100
(7.54)	19/64	MT1	882			1191	1789	100
7.80		MT1	882			1191	1789	100
(7.94)	5/16	MT1	871			1176	1764	100
8.00		MT1	871			1176	1764	100
8.20		MT1	1064 **			1437	2156	100
(8.33)	21/64	MT1	1120			1313	1967	100
8.50		MT1	972 *			1313	1967	100
(8.73)	11/32	MT1	1064			1579	2368	100

For more details please refer our Drill Catalogue Pages 34 to 39.



## HSS TAPER SHANK TWIST DRILLS

IS 5103 - 1969  
BS 328 (PART 1) 1986

Size		Shank	Price Per Piece (Rs.)					MOQ (No.)
mm	inch		M2	M35	M42	M2 With Crank Shaft Design	M35 With Crank Shaft Design	
8.80		MT1	1171 **			1579	2368	100
9.00		MT1	1064 **			1437	2156	100
(9.13)	23/64	MT1	1171			1579	2368	100
9.20		MT1	1171 **			1579	2368	100
9.50		MT1	1064 **			1437	2156	100
(9.52)	3/8	MT1	1064			1437	2156	100
9.80		MT1	1255 **			1694	2541	100
(9.92)	25/64	MT1	1255			1533	2301	100
10.00		MT1	1106 *	1382	1660	1493	2241	50
10.20		MT1	1242 *			1678	2518	50
(10.32)	13/32	MT1	1202 **			1990	2984	50
10.50		MT1	1432 *	1790	2147	1934	2900	50
(10.72)	27/64	MT1	1485			2003	3005	50
10.80		MT1	1485 **			2003	3005	50
11.00		MT1	1485 *	1855	2226	2003	3005	50
(11.11)	7/16	MT1	1485 **	1855	2226	2070	3106	50
11.20		MT1	1534			2070	3106	50
11.50		MT1	1534 *	1917	2300	2070	3106	50
(11.51)	29/64	MT1	1534			2070	3106	50
11.80		MT1	1534			2070	3106	50
(11.91)	15/32	MT1	1534 **			2092	3111	50
12.00		MT1	1549 *	1937	2324	2092	3137	50
12.20		MT1	1549 **			2092	3137	50
(12.30)	31/64	MT1	1549 **			2092	3137	50
12.50		MT1	1549 *	1937	2324	2092	3137	50
(12.70)	1/2	MT1	1549 *	1937	2324	2907	4359	50
12.80		MT1	2153			2907	4359	50
13.00		MT1	2153 *	2690	3228	2907	4359	50
(13.10)	33/64	MT1	2247 **			3033	4551	50
13.20		MT1	2247 **			3033	4551	50
(13.49)	17/32	MT1	2247			3248	4875	50
13.50		MT1	2406	3009	3610	3248	4875	50
13.80		MT1	2406			3248	4875	50
(13.89)	35/64	MT1	2406 **			3248	4875	50
14.00		MT1	2406	3009 **	3610	3248	4875	50
14.25		MT2	2586			3489	5237	50
(14.29)	9/16	MT2	2586	3232	3878	3489	5237	50
14.50		MT2	2688			3628	5442	50

For more details please refer our Drill Catalogue Pages 34 to 39.



## HSS TAPER SHANK TWIST DRILLS

IS 5103 - 1969  
BS 328 (PART 1) 1986

Size		Shank	Price Per Piece (Rs.)					MOQ (No.)
mm	inch		M2	M35	M42	M2 With Crank Shaft Design	M35 With Crank Shaft Design	
(14.68)	37/64	MT2	2688			3628	5442	50
14.75		MT2	2688 *			3628	5442	50
15.00		MT2	2688 **	3360	4032	3628	5442	50
(15.08)	19/32	MT2	2688 *			3628	5442	50
15.25		MT2	2724 *			3678	5518	50
(15.48)	39/64	MT2	2724			3678	5518	50
15.50		MT2	2724 *	3406	4088	3678	5518	50
15.75		MT2	2724 **			3678	5518	50
(15.87)	5/8	MT2	2724 *	3406	4088	3789	5683	50
16.00		MT2	2806 *	3508	4211	3789	5683	50
16.25		MT2	2806 *			3789	5683	50
(16.27)	41/64	MT2	2806 **			3789	5683	50
16.50		MT2	2982 *	3726	4472	4024	6037	50
(16.67)	21/32	MT2	2982 **			4024	6037	50
16.75		MT2	2982 **			4024	6037	50
17.00		MT2	2982 *	3726	4472	4024	6037	50
(17.07)	43/64	MT2	3031			4024	6037	50
17.25		MT2	3031 *			4091	6136	50
(17.46)	11/16	MT2	3031 *	3789	4545	4245	6369	50
17.5		MT2	3145 *	3932	4718	4245	6369	50
17.75		MT2	3190 **			4307	6461	50
(17.86)	45/64	MT2	3314			4475	6710	50
18.00		MT2	3314 *	4144	4971	4475	6710	50
18.25		MT2	3314 *			4475	6710	50
(18.26)	23/32	MT2	3314 **			4475	6710	50
18.50		MT2	3314 *	4144	4971	4475	6710	50
(18.65)	47/64	MT2	3355 **			4528	6792	50
18.75		MT2	3355 **			4528	6792	50
19.00		MT2	3355 *	4193	5031	4528	6792	50
(19.05)	3/4	MT2	3355 *	4193	5031	4528	6792	50
19.25		MT2	3523 *			4758	7135	50
(19.45)	49/64	MT2	3523			4758	7135	50
19.50		MT2	3523 *	4405	5286	4758	7135	50
19.75		MT2	3523 **			4758	7135	50
(19.84)	25/32	MT2	3523			5114	7671	50
20.00		MT2	3789 *	4736	5682	5114	7671	50

For more details please refer our Drill Catalogue Pages 34 to 39.





## HSS TAPER SHANK TWIST DRILLS

IS 5103 - 1969  
BS 328 (PART 1) 1986

Size		Shank	Price Per Piece (Rs.)			MOQ (No.)
mm	inch		M2	M35	M42	
(20.24)	51/64	MT2	3834			25
20.25		MT2	3834 *			25
20.50		MT2	3834 *	4792	5751	25
(20.64)	13/16	MT2	3834 **	4792	5751	25
20.75		MT2	3998 **			25
21.00		MT2	3998 **	4998	5997	25
(21.03)	53/64	MT2	4099			25
21.25		MT2	4099 **			25
(21.43)	27/32	MT2	4099 **			25
21.50		MT2	4226 *	5282	6338	25
21.75		MT2	4226			25
(21.83)	55/64	MT2	4303			25
22.00		MT2	4303 *	5378	6453	25
(22.22)	7/8	MT2	4303 *	5378	6453	25
22.25		MT2	4688			25
22.50		MT2	4688 *	5861	7033	25
(22.62)	57/64	MT2	4779			25
22.75		MT2	4779			25
23.00		MT2	4779 *	5974	7169	25
(23.02)	29/32	MT3	5111			25
23.25		MT3	5657 **			25
(23.42)	59/64	MT3	5802			25
23.50		MT3	5802	7251	8701	25
23.75		MT3	5802			25
(23.81)	15/16	MT3	5802	7251	8701	25
24.00		MT3	5972 *	7465	8958	25
(24.21)	61/64	MT3	6074			25
24.25		MT3	6074 **			25
24.50		MT3	6074 *	7591	9109	25
(24.61)	31/32	MT3	6074			25
24.75		MT3	6346 **			25
25.00		MT3	6346 *	7931	9518	25
(25.00)	63/64	MT3	6346			25
25.25		MT3	6430			25
(25.40)	1	MT3	6430 *	8038	9644	25
25.50		MT3	6989 *	8736	10484	25
25.75		MT3	6989			25
(25.80)	1.1/64	MT3	7066			25
26.00		MT3	7066 *	8832	10598	25
(26.19)	1.1/32	MT3	7066			25
26.25		MT3	7277 **			25
26.50		MT3	7277 *	9097	10916	25
(26.59)	1.3/64	MT3	7445			25
26.75		MT3	7445			25
(26.99)	1.1/16	MT3	7445	9307	11168	25
27.00		MT3	7688 *	9610	11532	25
27.25		MT3	7688			25

For more details please refer our Drill Catalogue Pages 34 to 39.



### HSS TAPER SHANK TWIST DRILLS

IS 5103 - 1969  
BS 328 (PART 1) 1986

Size		Shank	Price Per Piece (Rs.)			MOQ (No.)
mm	inch		M2	M35	M42	
(27.38)	1.5/64	MT3	7713			25
27.50		MT3	7713 *	9644	11572	25
27.75		MT3	7713 **			25
(27.78)	1.3/32	MT3	7713			25
28.00		MT3	8434 *	10543	12651	25
(28.18)	1.7/64	MT3	8459 *			25
28.25		MT3	8459			25
28.50		MT3	8459 *	10573	12687	25
(28.57)	1.1/8	MT3	8459 **	10573	12687	25
28.75		MT3	8715			25
(28.97)	1.9/64	MT3	8857			25
29.00		MT3	8857 *	11071	13286	25
29.25		MT3	8857			25
(29.37)	1.5/32	MT3	8857			25
29.50		MT3	8891	11113	13337	25
29.75		MT3	8891			25
(29.77)	1.11/64	MT3	9077			25
30.00		MT3	9077 *	11345	13614	25
(30.16)	1.3/16	MT3	9585 **	11982	14379	25
30.25		MT3	10321			25
30.50		MT3	10321 *	12902	15483	25
(30.56)	1.13/64	MT3	10488			25
30.75		MT3	10488			25
(30.96)	1.7/32	MT3	10488			25
31.00		MT3	11672 *	14589	17508	25
31.25		MT3	11672			25
(31.35)	1.15/64	MT3	12182			25
31.50		MT3	12182 *	15227	18272	25
(31.75)	1.1/4	MT3	12182 *	15227	18272	25
31.75		MT3	12182 *			25
32.00		MT4	13337 *			25
(32.15)	1.17/64	MT4	13337			25
32.50		MT4	13337 *			25
(32.54)	1.9/32	MT4	13337			25
(32.94)	1.19/64	MT4	13656			25
33.00		MT4	13656 *			25
(33.34)	1.5/16	MT4	13656 **			25
33.50		MT4	14125 **			25
(33.73)	1.21/64	MT4	14389			25
34.00		MT4	14389 *			25
(34.13)	1.11/32	MT4	15001			25
34.50		MT4	15762 **			25
(34.53)	1.23/64	MT4	15906			25
(34.92)	1.3/8	MT4	15906			25
35.00		MT4	15906 *			25
(35.32)	1.25/64	MT4	16858			25
35.50		MT4	16858 **			25

For more details please refer our Drill Catalogue Pages 34 to 39.



### HSS TAPER SHANK TWIST DRILLS

**IS 5103 - 1969  
BS 328 (PART 1) 1986**

Size		Shank	Price Per Piece (Rs.) M2	MOQ (No.)	Size		Shank	Price Per Piece (Rs.) M2	MOQ (No.)
mm	inch				mm	inch			
(35.72)	1.13/32	MT4	16858	15	(46.83)	1.27/32	MT4	29435	10
36.00		MT4	17105 *	15	47.00		MT4	29435 **	10
(36.12)	1.27/64	MT4	17457	10	(47.23)	1.55/64	MT4	30050	10
36.50		MT4	17457 **	10	47.50		MT4	30050	10
(36.51)	1.7/16	MT4	17457	10	(47.62)	1.7/8	MT4	30050	10
(36.91)	1.29/64	MT4	17457	10	48.00		MT4	32767 *	10
37.00		MT4	17888 *	10	(48.02)	1.57/64	MT4	32767	10
(37.31)	1.15/32	MT4	17888	10	(48.42)	1.29/32	MT4	32767	10
37.50		MT4	19050 **	10	48.50		MT4	33008	10
(37.70)	1.31/64	MT4	19348	10	(48.82)	1.59/64	MT4	33008	10
38.00		MT4	19348 *	10	49.00		MT4	33008 **	10
(38.10)	1.1/2	MT4	19348	10	(49.21)	1.15/16	MT4	33008	10
(38.50)	1.33/64	MT4	19951	10	49.50		MT4	33363 **	10
38.50		MT4	19951	10	(49.61)	1.61/64	MT4	33363	10
(38.89)	1.17/32	MT4	19951	10	50.00		MT4	33363 *	10
39.00		MT4	21129 *	10	(50.01)	1.31/32	MT4	33627	10
(39.29)	1.35/64	MT4	21129	10	(50.40)	1.63/64	MT4	35137	10
39.50		MT4	21129	10	50.50		MT4	35137	10
(39.69)	1.9/16	MT4	21129	10	(50.80)	2	MT4	35137 **	10
40.00		MT4	21673 *	10	51.00		MT5	47705 **	5
(40.08)	1.37/64	MT4	22031	10	51.50		MT5	47705 **	5
(40.48)	1.19/32	MT4	22031	10	(51.59)	2.1/32	MT5	47705	5
40.50		MT4	22911	10	52.00		MT5	47705 *	5
(40.88)	1.39/64	MT4	22911	10	(52.39)	2.1/16	MT5	47705	5
41.00		MT4	22911 *	10	52.50		MT5	62088	5
(41.27)	1.5/8	MT4	22911 **	10	53.00		MT5	62088	5
41.50		MT4	23811	10	(53.18)	2.3/32	MT5	62088	5
(41.67)	1.41/64	MT4	23811	10	53.50		MT5	62088	5
42.00		MT4	23811 *	10	(53.97)	2.1/8	MT5	62088	5
(42.07)	1.21/32	MT4	23811	10	54.00		MT5	62088 **	5
(42.47)	1.43/64	MT4	24420	10	54.50		MT5	65222	5
42.50		MT4	24420 **	10	(54.77)	2.5/32	MT5	65222	5
(42.86)	1.11/16	MT4	24718	10	55.00		MT5	65222 *	5
43.00		MT4	25300 **	10	55.50		MT5	65222	5
(43.26)	1.45/64	MT4	25300	10	(55.56)	2.3/16	MT5	65222	5
43.50		MT4	25300 **	10	56.00		MT5	67963 **	5
(43.66)	1.23/32	MT4	25300	10	(56.36)	2.7/32	MT5	67963	5
44.00		MT4	26194 *	10	56.50		MT5	67963 **	5
(44.05)	1.47/64	MT4	26194	10	57.00		MT5	67963 **	5
(44.45)	1.3/4	MT4	26194	10	(57.15)	2.1/4	MT5	67963	5
44.50		MT4	26194	10	57.50		MT5	74171	5
(44.85)	1.49/64	MT4	26807	10	(57.94)	2.9/32	MT5	74171	5
45.00		MT4	26807 *	10	58.00		MT5	74171 **	5
(45.24)	1.25/32	MT4	26807	10	58.50		MT5	74171	5
45.50		MT4	28021	10	(58.74)	2.5/16	MT5	74171	5
(45.64)	1.51/64	MT4	28021	10	59.00		MT5	75588	5
46.00		MT4	28021	10	59.50		MT5	75588	5
(46.04)	1.13/16	MT4	28021	10	(59.53)	2.11/32	MT5	75588	5
(46.43)	1.53/64	MT4	29435	10	60.00		MT5	75588	5
46.50		MT4	29435	10	(60.32)	2.3/8	MT5	75588 *	5

For more details please refer our Drill Catalogue Pages 34 to 39.



### HSS TAPER SHANK TWIST DRILLS

IS 5103 - 1969  
BS 328 (PART 1) 1986

Size		Shank	M2 Price Per Piece (Rs.)	MOQ (No.)	Size		Shank	M2 Price Per Piece (Rs.)	MOQ (No.)
mm	inch				mm	inch			
60.50		MT5	80344	5	(76.99)	3.1/32	MT6	175703	2
61.00		MT5	80344 **	5	77.00		MT6	175703	2
(61.12)	2.13/32	MT5	80344	5	(77.79)	3.1/16	MT6	175703	2
61.50		MT5	80344	5	78.00		MT6	175703	2
(61.91)	2.7/16	MT5	80344	5	(78.58)	3.3/32	MT6	179207	2
62.00		MT5	80344 **	5	79.00		MT6	179207	2
62.50		MT5	80344	5	(79.37)	3.1/8	MT6	183963	2
(62.71)	2.15/32	MT5	81696	5	80.00		MT6	183963	2
63.00		MT5	81696 **	5	(80.17)	3.5/32	MT6	196765	2
(63.50)	2.1/2	MT5	81696 **	5	(80.96)	3.3/16	MT6	196765	2
64.00		MT5	90294	5	81.00		MT6	196765	2
(64.29)	2.17/32	MT5	90294	5	(81.76)	3.7/32	MT6	201880	2
64.50		MT5	90294	5	82.00		MT6	201880	2
65.00		MT5	90294 **	5	(82.55)	3.1/4	MT6	201880	2
(65.09)	2.9/16	MT5	90294	5	83.00		MT6	206050	2
65.50		MT5	90966	5	(83.34)	3.9/32	MT6	206050	2
(65.88)	2.19/32	MT5	90966	5	84.00		MT6	206050	2
66.00		MT5	90966	5	(84.14)	3.5/16	MT6	209475	2
66.50		MT5	90966	5	(84.93)	3.11/32	MT6	209475	2
(66.67)	2.5/8	MT5	90966 **	5	85.00		MT6	209475	2
67.00		MT5	93185	5	(85.72)	3.3/8	MT6	238939	2
(67.47)	2.21/32	MT5	100028	3	86.00		MT6	238939	2
67.50		MT5	100028	3	(86.52)	3.13/32	MT6	238939	2
68.00		MT5	100028	3	87.00		MT6	238939	2
(68.26)	2.11/16	MT5	100028	3	(87.31)	3.7/16	MT6	243934	2
68.50		MT5	107310	3	88.00		MT6	243934	2
69.00		MT5	108422	3	(88.11)	3.15/32	MT6	243934	2
(69.05)	2.23/32	MT5	108422	3	(88.90)	3.1/2	MT6	243934	2
69.50		MT5	108422	3	89.00		MT6	243934	2
(69.85)	2.3/4	MT5	108422	3	90.00		MT6	248909	2
70.00		MT5	108422 *	3	(90.49)	3.9/16	MT6	258193	2
70.50		MT5	115677	3	91.00		MT6	258193	2
(70.64)	2.25/32	MT5	116935	3	92.00		MT6	258193	2
71.00		MT5	116935	3	(92.07)	3.5/8	MT6	266622	2
(71.44)	2.13/16	MT5	116935	3	93.00		MT6	266622	2
71.50		MT5	116935	3	(93.66)	3.11/16	MT6	276706	2
72.00		MT5	119195	3	94.00		MT6	276706	2
(72.23)	2.27/32	MT5	119195	3	95.00		MT6	276706	2
72.50		MT5	119195	3	(95.25)	3.3/4	MT6	276706	2
73.00		MT5	119195	3	96.00		MT6	285971	2
(73.02)	2.7/8	MT5	119195	3	(96.84)	3.13/16	MT6	285971	2
73.50		MT5	125527	3	97.00		MT6	285971	2
(73.82)	2.29/32	MT5	126854	3	98.00		MT6	291029	2
74.00		MT5	126854 *	3	(98.42)	3.7/8	MT6	295184	2
74.50		MT5	126854	3	99.00		MT6	295184	2
(74.61)	2.15/16	MT5	126854	3	100.00		MT6	295184	2
75.00		MT5	128433 *	3	(100.01)	3.15/16	MT6	300240	2
(75.41)	2.31/32	MT5	128433	3	101.00		MT6	299065	2
75.50		MT5	128433	3	(101.60)	4	MT6	300240	2
76.00		MT5	128433	3	102.00		MT6	300240	2
(76.20)	3	MT5	128433	3					

For more details please refer our Drill Catalogue Pages 34 to 39.



**HSS TAPER SHANK TWIST DRILLS  
LONG SERIES**

**IS 8305 - 1976  
(Type N)**

mm	Inch	FL (mm)	OAL (mm)	Shank	M2 Price Per Piece (Rs.)	MOQ (No.)	mm	Inch	FL (mm)	OAL (mm)	Shank	M2 Price Per Piece (Rs.)	MOQ (No.)
5	(3/16)	74	155	MT1	1558	25	14		142	223	MT1	4534 **	25
5.2		74	155	MT1	1558	25	14.25		147	245	MT2	5659	25
5.5	(7/32)	80	161	MT1	1734	25	14.5	(9/16)	147	245	MT2	5659	25
5.8		80	161	MT1	1734	25	14.75		147	245	MT2	5783	25
6		80	161	MT1	1734	25	15		147	245	MT2	5783	25
6.2		86	167	MT1	1931	25	15.25		153	251	MT2	5918	25
6.5	(1/4)	86	167	MT1	1931	25	15.5		153	251	MT2	5918	25
6.8		93	174	MT1	2082	25	15.75		153	251	MT2	6067	25
7		93	174	MT1	2082	25	16	(5/8)	153	251	MT2	6067	25
7.2		93	174	MT1	2150	25	16.25		159	257	MT2	6175 **	25
7.5		93	174	MT1	2150	25	16.5		159	257	MT2	6175	25
7.8		100	181	MT1	2271	25	16.75		159	257	MT2	6306	25
8	(5/16)	100	181	MT1	2271 **	25	17		159	257	MT2	6306	25
8.2		100	181	MT1	2319	25	17.25		165	263	MT2	6848	25
8.5		100	181	MT1	2319 **	25	17.5	(11/16)	165	263	MT2	6848	25
8.8		107	188	MT1	2513	25	17.75		165	263	MT2	6863	25
9		107	188	MT1	2513 **	25	18		165	263	MT2	6863 **	25
9.2		107	188	MT1	2574	25	18.25		171	269	MT2	6972	25
9.5	(3/8)	107	188	MT1	2574	25	18.5		171	269	MT2	6972	25
9.8		116	197	MT1	2921	25	18.75		171	269	MT2	7084	25
10		116	197	MT1	2921 **	25	19	(3/4)	171	269	MT2	7084	25
10.2		116	197	MT1	3005	25	19.25		177	275	MT2	7277	25
10.5		116	197	MT1	3005 **	25	19.5		177	275	MT2	7277	25
10.8		125	206	MT1	3070	25	19.75		177	275	MT2	7399	25
11		125	206	MT1	3070	25	20		177	275	MT2	7399	25
11.2		125	206	MT1	3183	25	20.25		184	282	MT2	7522	25
11.5	(7/16)	125	206	MT1	3183	25	20.5		184	282	MT2	7522	25
11.8		125	206	MT1	3183	25	20.75		184	282	MT2	7660	25
12		134	215	MT1	3775	25	21	(13/16)	184	282	MT2	7660	25
12.2		134	215	MT1	3979	25	21.25		191	289	MT2	8898	25
12.5	(1/2)	134	215	MT1	3979	25	21.5		191	289	MT2	8898	25
12.8		134	215	MT1	3979	25	21.75		191	289	MT2	9077	25
13		134	215	MT1	3979	25	22		191	289	MT2	9077	25
13.2		134	215	MT1	3979	25	22.25		191	289	MT2	9694	25
13.5		142	223	MT1	4359	25	22.5	(7/8)	198	296	MT2	9694	25
13.8		142	223	MT1	4534	25	22.75		198	296	MT2	10159	25

For more details please refer our Drill Catalogue Pages 42 to 44.



**HSS TAPER SHANK TWIST DRILLS  
LONG SERIES**

**IS 8305 - 1976  
(Type N)**

mm	Inch	FL (mm)	OAL (mm)	Shank	M2 Price Per Piece (Rs.)	MOQ (No.)	mm	Inch	FL (mm)	OAL (mm)	Shank	M2 Price Per Piece (Rs.)	MOQ (No.)
23		198	296	MT2	10159	25	32.5		248	397	MT4	26209	10
23.25		198	319	MT3	12412	25	33	(1.5/16)	248	397	MT4	26209	10
23.5		198	319	MT3	12412	25	33.5		248	397	MT4	27351	10
23.75		206	327	MT3	12412	25	34		257	406	MT4	27351	10
24	(15/16)	206	327	MT3	12412	25	34.5		257	406	MT4	28545	10
24.25		206	327	MT3	12955	25	35	(1.3/8)	257	406	MT4	28545	10
24.5		206	327	MT3	12955	25	35.5		257	406	MT4	28545	10
24.75		206	327	MT3	13427	25	36		267	416	MT4	31282	10
25		206	327	MT3	13427 **	25	36.5		267	416	MT4	32452	10
25.25		214	335	MT3	13427	25	37	(1.7/16)	267	416	MT4	32452	10
25.5	(1)	214	335	MT3	13427	25	37.5		267	416	MT4	35143	10
25.75		214	335	MT3	13964	25	38	(1.1/2)	277	426	MT4	35143	10
26		214	335	MT3	13964 **	25	38.5		277	426	MT4	36298	10
26.25		214	335	MT3	14368	25	39		277	426	MT4	36298	10
26.5		214	335	MT3	14368 **	25	39.5		277	426	MT4	37735	10
26.75		222	343	MT3	17027	25	40		277	426	MT4	37735	10
27	(1.1/16)	222	343	MT3	17027	25	40.5		287	436	MT4	37735	10
27.25		222	343	MT3	17571	25	41	(1.5/8)	287	436	MT4	37735	10
27.5		222	343	MT3	17571	25	41.5		287	436	MT4	39664	10
27.75		222	343	MT3	18111	25	42		287	436	MT4	39664	10
28		222	343	MT3	18111	25	42.5		287	436	MT4	41964	10
28.25		230	351	MT3	18694	25	43		298	447	MT4	45080	10
28.5	(1.1/8)	230	351	MT3	18694	25	43.5		298	447	MT4	47522	10
28.75		230	351	MT3	19219	25	44		298	447	MT4	47522	10
29		230	351	MT3	19219	25	44.5		298	447	MT4	49477	10
29.25		230	351	MT3	19750	25	45	(1.3/4)	298	447	MT4	49477	10
29.5		230	351	MT3	19750	25	45.5		310	459	MT4	52165	10
29.75		230	351	MT3	20310	25	46	(1.13/16)	310	459	MT4	52165	10
30	(1.3/16)	230	351	MT3	20310	25	46.5		310	459	MT4	54287	10
30.25		239	360	MT3	20851	25	47		310	459	MT4	54287	10
30.5		239	360	MT3	20851	25	47.5		310	459	MT4	57030	10
30.75		239	360	MT3	20851	25	48	(1.7/8)	321	470	MT4	57030	10
31		239	360	MT3	20851	25	48.5		321	470	MT4	62459	10
31.25		239	360	MT3	21001	25	49	(1.15/16)	321	470	MT4	62459	10
31.5		239	360	MT3	21001	25	49.5		321	470	MT4	62459	10
31.75	(1.1/4)	248	369	MT3	21812	25	50		321	470	MT4	65678	10
32		248	397	MT4	25124	10							

For more details please refer our Drill Catalogue Pages 42 to 44.



**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)										MOQ (No.)
		Overall Length in millimetre										
mm	inch	200	225	250	275	300	315	325	350	375	400	
3	1/8	2189	2574	2851	3243	3676		4245				25
3.5		2251	2574	2930	3323	3773		4361				25
4	5/32	2251	2574	2930	3323	3773		4361				25
4.5		2307	2646	2930	3402	4000		4588				25
5	3/16	2307	2646	2930	3402	4000		4588				25
5.5	7/32	2307	2663	3073 **	3603	4085		4711				25
6		2321 **	2663	3106	3603	4085 **	4465	4711				25
6.5	1/4	2353	2748	3121	3784	4245	4605	4851				25
7		2564 **	2887	3242	3856	4443	4887	5092				25
7.5		2593	2959	3335	3927	4559	4995	5190				25
8	5/16	2709 **	3025	3468 **	4068	4675 **	5075	5334				25
8.5		2799 *	3141 **	3536 **	4140	4761 **	5136	5482				25
9		2843 **	3185	3620 **	4162	4798	5272	5527				25
9.5	3/8	2914	3224	3620 **	4277	4919 **	5343	5552				25
10		2921 **	3306 **	3729 **	4352	5014	5474	5708	6387	7200	8009 **	25
10.5		3005	3430 **	3979 **	4600	5272	5709	5995	6855	7701	8679	25
11		3072	3536	4017	4675	5368	5896	6148	6980	7825	8750	25
11.5	7/16	3183	3609	4119	4789	5501	5995	6263	7168	8032	8979	25
12			3776 **	4299	4980	5708	6228	6542	7399	8214	9213 **	25
12.5	1/2		3979	4443	5160	5882	6428	6723	7747	8744	9880	25
13				5272 **	6038	6855	7442	7825	8905	9996	11229	25
13.5				5440	6159	7041	7623	7969	9076	10245	11511	25
14				5622 **	6342	7168	7777	8095	9254 **	10455	11732	25

For more details please refer our Drill Catalogue Pages 46 to 51.



**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)						MOQ (No.)
		Overall Length in millimetre						
mm	inch	250	275	300	315	325	350	
14.5	9/16	5658	6429	7274	7819	8214	9432	25
15		5783	6571	7450 **	7985 **	8413	9620 **	25
15.5		5917	6722	7522 **	8141	8529	9765	25
16	5/8	6067	6835	7672	8257	8683	9906 **	25
16.5		6175	6925	7819	8413	8820	10092	25
17		6306	7093	7901 **	8515	8937	10245	25
17.5	11/16			8095 **	8679	9111	10442 **	25
18				8214 **	8873	9254	10610 **	25
18.5				8344	8979	9421	10704	25
19	3/4			8494 **	9246	9562	10879 **	25
19.5				8599	9213	9654	11076	25
20				8744 **	9365	9839	11203 **	25
20.5				8905	9535	9977	11390	25
21	13/16			9066	9719	10145	11635	25
21.5				9254	9880	10315	11839	25
22				9457 **	10143	10610	12060 **	25
22.5	7/8			9707	10358 **	10837	12265	25
23				10160	10844	11239	12671	25
23.5				11162		12412	13601	25
24	15/16			11162		12412	13736 **	25
24.5				11511		12955	14364	25
25						13427	14892 **	25
25.5	1						15354	25
26							15978 **	25
26.5							16455	25
27	1.1/16						17027	25
27.5							17571	25
28							18111	25
28.5	1.1/8						18694 **	25
29							19219	25
29.5							19750	25
30	1.3/16						20309	25
31	1.1/4						20851	25
32							21001	10

For more details please refer our Drill Catalogue Pages 46 to 51.





**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimetre							
mm	inch	375	400	425	450	475	500	525	
14.5	9/16	10637	11938	14035	15665	17629	19770		25
15		10786	12133	13973	15855	17804	19971		25
15.5		10991	12299	14073	16007	17961	20143		25
16	5/8	11162	12547	14366	16285	18178	20366		25
16.5		11369	12812	14581	16455	18363	20491		25
17		11520	12955	14756	16662	18541	20683		25
17.5	11/16	11716	13109	14934	16853	18776	20875		25
18		11920	13349	15122	17027	18974	21079	23395	25
18.5		12060	13558	15311	17223	19104	21281	23623	25
19	3/4	12248	13736	15472	17418	19292	21403	23757	25
19.5		12488	14016	15665	17624	19523	21612	23990	25
20		12657	14218	15978	17804	19735	21875	24282	25
20.5		12812	14431	16170	18111	20038	22205	24648	25
21	13/16	13078	14666	16516	18419	20406	22553	25035	25
21.5		13330	14946	16763	18808	20775	23012	25545	25
22		13558	15196 **	17027	19100	21106	23377	25948	25
22.5	7/8	13736	15360	17321	19364	21469	23766 **	26379	25
23		14036	15634 **	17571	19717	21787	24110	26763	25
23.5		14951	16169	18167	20278	22446	24851	27584	25
24	15/16	15146	16733 **	18737	20920	23056	25515	28321	25
24.5		15665	17303	19354	21516	23732	26209	28831	25
25		16285	17838 **	19902	22138	24392	26941	29635	25
25.5	1	16763	18368	20468	22718	25048	27570	30326	25
26		17369	18964	21079	23391	25695	28303	31136	25
26.5		17876	19493	21663	23988	26301	28999	31897	25
27	1.1/16	18502	20071 **	22236	24587	26985	29673	32641	25
27.5		18974	20567	22828	25205	27612	30341	33375	25
28		19523	21169 **	23391	25816	28851	31075 **	34183	25
28.5	1.1/8	20097	21695	23936	26443	28951	31716	34888	25
29		20650	22285	24538	27074	29563	32434	35677	25
29.5		21169	22813	25123	27651	30230	33144	36459	25
30	1.3/16	21738	23377	25695	28272	30866	33798	37864	25
31	1.1/4	22282	23942	26329	29006	31670	34752 **	37879	25
32		22718	25123 **	27612	30411	33144	36362 **	38742	10
33	1.5/16		26209 **	28841	31766	34627	37951	40487	10
34			27351	30066	33124	36126	39584	42197	10
35	1.3/8		28546 **	31385	34488	37638	41198	43901	10
36			29673 **	32576	35825	39088	42813	45537	10
37	1.7/16		30802	33798	37187	40554	44370	47246	10
38	1.1/2		31977 **	35143	38628	42075	46054	49028	10
39			33144	36684	39858	43411	47428	50484	10
40			34532 **	37735	41260	44876	48984	52077	10
41	1.5/8						50608	54657	10
42							52858	57087	10
43							55201	59065	10
44							57504	61528	10
45	1.3/4						59848	63489	10
46	1.13/16						62380	66123	10
47							64900	68796	10
48	1.7/8						67433	71480	10
49	1.15/16						69913	74107	10
50							72730 **	77094	10

For more details please refer our Drill Catalogue Pages 46 to 51.



**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)						MOQ (No.)
		Overall Length in millimetre						
mm	inch	550	575	600	625	650	675	
14.5	9/16	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—
17		—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—
18		25715	28033	30352	32671	34989	37309	10
18.5		25961	28303	30646	32985	35326	37667	10
19	3/4	26112	28465	30820	33174	35529	37883	10
19.5		26369	28745	31121	33499	35878	38254	10
20		26688	29093	31502	33908	36314	38721	10
20.5		27090	29531	31974	34416	36861	39302	10
21	13/16	27515	29996	32477	34958	37439	39918	10
21.5		28075	30606	33138	35668	38198	40731	10
22		28519	31091	33662	36233	38805	41377	10
22.5		28994	31607	34222	36837	39449	42063	10
23		29417	32069	34720	37373	40025	42679	10
23.5		30319	33053	35785	38521	41255	43987	10
24	15/16	31128	33934	36743	39550	42356	45161	10
24.5		31451	34072	36955	39837	42720	45603	10
25		32329	35023	37717	40412	43106	45800	10
25.5	1	33084	35841	38598	41354	44112	46869	10
26		33967	36795	39625	42458	45288	48119	10
26.5		34799	37698	40598	43498	46396	49298	10
27	1.1/16	35607	38574	41541	44509	47477	50444	10
27.5		36410	39445	42479	45512	48547	51582	10
28		37290	40399	43506	46614	49719	52828	10
28.5	1.1/8	38058	41231	44402	47573	50744	53917	10
29		38921	42164	45406	48652	51894	55137	10
29.5		39773	43087	46401	49716	53031	56345	10
30	1.3/16	40558	43939	47261	50696	54076	57456	10
31	1.1/4	41006	44134	47317	50917	54156	57594	10
32		41843	44942	48040	51139	54238	58553	10
33	1-5/16	43727	46962	50202	53441	56680	59918	10
34		45573	48947	52325	55700	59077	62451	10
35	1-3/8	47414	50927	54439	57950	61462	64975	10
36	1-7/16	49182	52824	56467	60108	63753	67395	10
37		51026	54806	58586	62366	66146	69927	10
38	1-1/2	52950	56872	60794	64717	68639	72561	10
39		54524	58562	62601	66640	70679	74717	10
40		56241	60408	64575	68739	72907	77073	10
41	1-5/8	58704	62754	66803	70851	74900	78949	10
42		61314	65544	69773	74001	78229	82252	10
43		62930	66793	70657	74521	78386	82459	10
44		65555	69581	73608	77632	81657	85682	10
45	1-3/4	68227	72414	76605	80794	84837	88581	10
46	1-13/16	69866	73610	77350	81094	84982	89172	10
47		72689	76583	80477	84373	88265	92161	10
48	1-7/8	75527	79571	83618	87665	91710	95757	10
49	1-15/16	78302	82496	86690	90886	95080	99275	10
50		81458	85822	90184	94550	98913	103278	10

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**FL and OAL as per Addison Standard  
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Size		M2 Price Per Piece (Rs.)						MOQ (No.)
		Overall Length in millimetre						
mm	inch	700	725	750	775	800	825	
14.5	9/16	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—
17		—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—
18		39625	41945	44264	46582	48900	51220	5
18.5		40008	42350	44688	47029	49372	51712	5
19	3/4	40236	42592	44944	47300	49654	52010	5
19.5		40631	43009	45387	47763	50141	52518	5
20		41126	43532	45939	48345	50752	53157	5
20.5		41744	44188	46630	49073	51514	53957	5
21	13/16	42400	44879	47360	49842	52322	54802	5
21.5		43264	45794	48326	50856	53388	55919	5
22		43947	46519	49091	51662	54235	56805	5
22.5		44678	47292	49905	52521	55134	57747	5
23		45329	47982	50877	53287	55937	58591	5
23.5		46721	49456	52189	54921	57656	60389	5
24	15/16	47969	50776	53581	56390	59195	62003	5
24.5		48357	51106	53860	56482	59232	62018	5
25		48493	51188	53881	56577	59270	62033	5
25.5	1	49627	52385	55141	57898	60654	63411	5
26		50949	53779	56610	59440	62270	65101	5
26.5		52198	55098	57996	60895	63797	66697	5
27	1.1/16	53412	56377	59347	62315	65280	68248	5
27.5		54614	57651	60683	63718	66753	69785	5
28		55934	59044	62151	65259	68367	71472	5
28.5	1.1/8	57088	60259	63431	66603	69774	72945	5
29		58380	61624	64867	68111	71354	74598	5
29.5		59658	62973	66287	69603	72917	76230	5
30	1.3/16	60836	64215	67596	70851	74355	77735	5
31	1.1/4	61245	64370	67723	70976	74888	78015	5
32		61652	64751	67851	72320	75421	78520	5
33	1-5/16	63158	66397	69635	72874	76112	79352	5
34		65827	69202	72578	75955	79329	82706	5
35	1-3/8	68488	72000	75512	79022	82536	86049	5
36	1-7/16	71040	74681	78325	81966	85612	89253	5
37		73705	77484	81265	85046	88825	92604	5
38	1-1/2	76483	80407	84327	88250	92172	96094	5
39		78757	82796	86834	90873	94911	98949	5
40		81240	85405	89571	93738	97902	102069	5
41	1-5/8	82997	87047	91094	95143	99192	103242	5
42		86116	90915	95143	99373	103602	107829	5
43		86687	92323	96451	100578	104705	108831	5
44		89707	93733	97758	101785	105809	109833	5
45	1-3/4	92323	97552	101741	105930	110121	114308	5
46	1-13/16	93362	98750	102491	106237	111075	114818	5
47		96056	99949	103843	107737	112042	115937	5
48	1-7/8	99802	103848	107894	111939	115986	120032	5
49	1-15/16	103469	107664	111859	116055	120249	124444	5
50		107641	112005	116370	120734	125096	129461	5

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Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimetre							
mm	inch	850	875	900	925	950	975	1000	
14.5	9/16	—	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—	—
17		—	—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—	—
18		53538	55855	58174	—	—	—	—	—
18.5		54053	56394	58735	—	—	—	—	—
19	3/4	54363	56718	59073	—	—	—	—	—
19.5		54896	57273	59651	—	—	—	—	—
20		55565	57970	60376	—	—	—	—	—
20.5		56400	58842	61284	—	—	—	—	—
21	13/16	57283	59764	62246	—	—	—	—	—
21.5		58451	60982	63513	—	—	—	—	—
22		59377	61949	64519	67091	69663	72235	74806	5
22.5		60362	62976	65589	68204	70819	73432	76047	5
23		61243	63896	66547	69198	71852	74505	77639	5
23.5		63122	65858	68591	71325	74058	76793	79526	5
24	15/16	64809	67615	70422	73228	76035	78842	81648	5
24.5		64836	67655	70440	73258	76043	78966	81783	5
25		64864	67695	70458	73287	76051	79089	81918	5
25.5	1	66167	68925	71682	74438	77196	79952	82711	5
26		67931	70762	73592	76424	79253	82084	84914	5
26.5		69597	72496	75394	78297	81195	84095	86995	5
27	1.1/16	71216	74182	77150	80116	83083	86051	89018	5
27.5		72821	75854	78887	81924	84957	87991	91024	5
28		74580	77689	80795	83902	87012	90117	93225	5
28.5	1.1/8	76116	79289	82461	85630	88803	91975	95146	5
29		77840	81086	84327	87571	90815	94058	97301	5
29.5		79545	82859	86175	89489	92801	96118	99431	5
30	1.3/16	81115	84271	87818	90973	94239	97425	100395	5
31	1.1/4	81145	84495	87847	91110	94297	97454	100581	5
32		81619	84719	87873	91197	94355	97618	100717	5
33	1-5/16"	82590	85830	89068	92308	95546	98785	102025	5
34		86082	89457	92833	96208	99584	102960	106338	5
35	1-3/8"	89561	93073	96583	100096	103608	107120	110633	5
36	1-7/16"	92896	96539	100182	103824	107470	111112	114755	5
37		96385	100162	103943	107722	111503	115282	119062	5
38	1-1/2"	100017	103939	107861	111783	115704	119627	123549	2
39		102987	107027	111066	115104	119144	123183	127223	2
40		106237	110402	114568	118734	122900	127067	131232	2
41	1-5/8"	107288	111339	115387	119435	123483	127532	131581	2
42		108294	112522	116751	120890	124755	128619	132485	2
43		109301	113164	117027	120981	125120	129349	132849	2
44		113859	117884	121911	125934	129961	133985	138012	2
45	1-3/4"	118498	122304	126045	130236	134362	138168	142357	2
46	1-13/16"	118561	122687	126878	130618	134426	138734	143195	2
47		119829	123724	127617	131513	135406	139300	145775	2
48	1-7/8"	124078	128124	132170	136215	140262	144308	148353	2
49	1-15/16"	128638	132833	137028	141223	145418	149613	153806	2
50		133824	138187	142552	146916	151278	155643	160006	2

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Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	400	425	450	475	500	525	550	575	
50.50		55341	60872	66406	71941	77475	83010	88544	94077	2
50.8	2	55341	60872	66406	71941	77475	83010	88544	94077	2
51.00		—	—	72631	77639	82649	87658	92666	97676	2
51.50		—	—	72631	77639	82649	87658	92666	97676	2
51.59	2.1/32	—	—	72631	77639	82649	87658	92666	97676	2
52.00		—	—	72631	77639	82649	87658	92666	97676	2
52.39	2.1/16	—	—	72631	77639	82649	87658	92666	97676	2
52.50		—	—	78229	84749	91267	97787	104306	110825	2
53.00		—	—	78229	84749	91267	97787	104306	110825	2
53.18	2.3/32	—	—	78229	84749	91267	97787	104306	110825	2
53.50		—	—	78229	84749	91267	97787	104306	110825	2
53.97	2.1/8	—	—	78229	84749	91267	97787	104306	110825	2
54.00		—	—	78229	84749	91267	97787	104306	110825	2
54.50		—	—	82177	89027	95875	102725	109572	116421	2
54.77	2.5/32	—	—	82177	89027	95875	102725	109572	116421	2
55.00		—	—	82177	89027	95875	102725	109572	116421	2
55.50		—	—	82177	89027	95875	102725	109572	116421	2
55.56	2.3/16	—	—	82177	89027	95875	102725	109572	116421	2
56.00		—	—	85632	92770	99905	107042	114178	121314	2
56.36	2.7/32	—	—	85632	92770	99905	107042	114178	121314	2
56.50		—	—	85632	92770	99905	107042	114178	121314	2
57.00		—	—	85632	92770	99905	107042	114178	121314	2
57.15	2.1/4	—	—	85632	92770	99905	107042	114178	121314	2
57.50		—	—	89561	101241	109028	116817	124605	132393	2
57.94	2.9/32	—	—	89561	101241	109028	116817	124605	132393	2
58.00		—	—	89561	101241	109028	116817	124605	132393	2
58.50		—	—	89561	101241	109028	116817	124605	132393	2
58.74	2.5/16	—	—	89561	101241	109028	116817	124605	132393	2
59.00		—	—	91269	103174	111112	119048	126985	134920	2
59.50		—	—	91269	103174	111112	119048	126985	134920	2
59.53	2.11/32	—	—	91269	103174	111112	119048	126985	134920	2
60.00		—	—	91269	103174	111112	119048	126985	134920	2
60.32	2.3/8	—	—	91269	103174	111112	119048	126985	134920	2
60.50		—	—	99545	107982	116417	124854	133290	141724	2
61.00		—	—	99545	107982	116417	124854	133290	141724	2
61.12	2.13/32	—	—	99545	107982	116417	124854	133290	141724	2
61.50		—	—	99545	107982	116417	124854	133290	141724	2
61.91	2.7/16	—	—	99545	107982	116417	124854	133290	141724	2
62.00		—	—	99545	107982	116417	124854	133290	141724	2
62.50		—	—	99545	107982	116417	124854	133290	141724	2
62.71	2.15/32	—	—	101222	109798	118378	126955	135535	144112	2
63.00		—	—	101222	109798	118378	126955	135535	144112	2
63.5	2.1/2	—	—	101222	109798	118378	126955	135535	144112	2
64.00		—	—	109977	117563	127043	134626	144107	151692	2
64.29	2.17/32	—	—	109977	117563	127043	134626	144107	151692	2
64.50		—	—	109977	117563	127043	134626	144107	151692	2
65.00		—	—	109977	117563	127043	134626	144107	151692	2
65.09	2.9/16	—	—	109977	117563	127043	134626	144107	151692	2
65.50		—	—	110795	118437	127988	135629	145181	152822	2
65.88	2.19/32	—	—	110795	118437	127988	135629	145181	152822	2
66.00		—	—	110795	118437	127988	135629	145181	152822	2
66.50		—	—	110795	118437	127988	135629	145181	152822	2
66.67	2.5/8	—	—	110795	118437	127988	135629	145181	152822	2
67.00		—	—	113497	121324	131109	138937	148722	156548	2
67.47	2.21/32	—	—	130236	138638	147040	157543	168045	2	



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Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	600	625	650	675	700	725	750	775	
50.50		99611	105144	110679	116214	121747	127282	132815	138350	2
50.80	2	99611	105144	110679	116214	121747	127282	132815	138350	2
51.00		102683	107693	112703	117710	122721	127730	137747	142757	2
51.50		102683	107693	112703	117710	122721	127730	137747	142757	2
51.59	2.1/32	102683	107693	112703	117710	122721	127730	137747	142757	2
52.00		102683	107693	112703	117710	122721	127730	137747	142757	2
52.39	2.1/16	102683	107693	112703	117710	122721	127730	137747	142757	2
52.50		117344	123863	130382	136901	143419	149940	156459	162979	2
53.00		117344	123863	130382	136901	143419	149940	156459	162979	2
53.18	2.3/32	117344	123863	130382	136901	143419	149940	156459	162979	2
53.50		117344	123863	130382	136901	143419	149940	156459	162979	2
53.97	2.1/8	117344	123863	130382	136901	143419	149940	156459	162979	2
54.00		117344	123863	130382	136901	143419	149940	156459	162979	2
54.50		123269	130117	136964	143813	150660	157508	164358	171207	2
54.77	2.5/32	123269	130117	136964	143813	150660	157508	164358	171207	2
55.00		123269	130117	136964	143813	150660	157508	164358	171207	2
55.50		123269	130117	136964	143813	150660	157508	164358	171207	2
55.56	2.3/16	123269	130117	136964	143813	150660	157508	164358	171207	2
56.00		128450	135585	142723	149859	156992	164130	171266	178403	2
56.36	2.7/32	128450	135585	142723	149859	156992	164130	171266	178403	2
56.50		128450	135585	142723	149859	156992	164130	171266	178403	2
57.00		128450	135585	142723	149859	156992	164130	171266	178403	2
57.15	2.1/4	128450	135585	142723	149859	156992	164130	171266	178403	2
57.50		140181	147968	155756	163544	171331	179119	186906	194696	2
57.94	2.9/32	140181	147968	155756	163544	171331	179119	186906	194696	2
58.00		140181	147968	155756	163544	171331	179119	186906	194696	2
58.50		140181	147968	155756	163544	171331	179119	186906	194696	2
58.74	2.5/16	140181	147968	155756	163544	171331	179119	186906	194696	2
59.00		142858	150794	158731	166667	174604	182541	190476	198413	2
59.50		142858	150794	158731	166667	174604	182541	190476	198413	2
59.53	2.11/32	142858	150794	158731	166667	174604	182541	190476	198413	2
60.00		142858	150794	158731	166667	174604	182541	190476	198413	2
60.32	2.3/8	142858	150794	158731	166667	174604	182541	190476	198413	2
60.50		150160	158599	167033	175469	183906	192342	200777	209214	2
61.00		150160	158599	167033	175469	183906	192342	200777	209214	2
61.12	2.13/32	150160	158599	167033	175469	183906	192342	200777	209214	2
61.50		150160	158599	167033	175469	183906	192342	200777	209214	2
61.91	2.7/16	150160	158599	167033	175469	183906	192342	200777	209214	2
62.00		150160	158599	167033	175469	183906	192342	200777	209214	2
62.50		150160	158599	167033	175469	183906	192342	200777	209214	2
62.71	2.15/32	152689	161268	169846	178423	187002	195580	204159	212735	2
63.00		152689	161268	169846	178423	187002	195580	204159	212735	2
63.5	2.1/2	152689	161268	169846	178423	187002	195580	204159	212735	2
64.00		159276	166861	174446	182030	189615	197199	204784	213343	2
64.29	2.17/32	159276	166861	174446	182030	189615	197199	204784	213343	2
64.50		159276	166861	174446	182030	189615	197199	204784	213343	2
65.00		159276	166861	174446	182030	189615	197199	204784	213343	2
65.09	2.9/16	159276	166861	174446	182030	189615	197199	204784	213343	2
65.50		160464	168105	175746	183385	191027	198668	206309	213950	2
65.88	2.19/32	160464	168105	175746	183385	191027	198668	206309	213950	2
66.00		160464	168105	175746	183385	191027	198668	206309	213950	2
66.50		160464	168105	175746	183385	191027	198668	206309	213950	2
66.67	2.5/8	160464	168105	175746	183385	191027	198668	206309	213950	2
67.00		164376	172203	180030	187858	195686	203513	211341	219167	2
67.47	2.21/32	178548	189051	199554	210057	220561	231062	241566	252069	2



**M2 HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)									MOQ (No.)
		Overall Length in millimetre									
mm	inch	800	825	850	875	900	925	950	975	1000	
50.50		143882	149417	154952	160485	166019	171552	177087	182619	188154	2
50.8	2	143882	149417	154952	160485	166019	171552	177087	182619	188154	2
51.00		147765	152774	157784	162793	167801	172809	177820	182829	190342	2
51.50		147765	152774	157784	162793	167801	172809	177820	182829	190342	2
51.59	2.1/32	147765	152774	157784	162793	167801	172809	177820	182829	190342	2
52.00		147765	152774	157784	162793	167801	172809	177820	182829	190342	2
52.39	2.1/16	147765	152774	157784	162793	167801	172809	177820	182829	190342	2
52.50		169497	176016	182535	189054	195573	202093	208611	215131	221649	2
53.00		169497	176016	182535	189054	195573	202093	208611	215131	221649	2
53.18	2.3/32	169497	176016	182535	189054	195573	202093	208611	215131	221649	2
53.50		169497	176016	182535	189054	195573	202093	208611	215131	221649	2
53.97	2.1/8	169497	176016	182535	189054	195573	202093	208611	215131	221649	2
54.00		169497	176016	182535	189054	195573	202093	208611	215131	221649	2
54.50		178054	184902	191752	198599	205449	212296	219143	225991	232840	2
54.77	2.5/32	178054	184902	191752	198599	205449	212296	219143	225991	232840	2
55.00		178054	184902	191752	198599	205449	212296	219143	225991	232840	2
55.50		178054	184902	191752	198599	205449	212296	219143	225991	232840	2
55.56	2.3/16	178054	184902	191752	198599	205449	212296	219143	225991	232840	2
56.00		185538	192676	199812	206947	214084	221220	228354	235490	242627	2
56.36	2.7/32	185538	192676	199812	206947	214084	221220	228354	235490	242627	2
56.50		185538	192676	199812	206947	214084	221220	228354	235490	242627	2
57.00		185538	192676	199812	206947	214084	221220	228354	235490	242627	2
57.15	2.1/4	185538	192676	199812	206947	214084	221220	228354	235490	242627	2
57.50		202483	210272	218059	225847	233635	241422	249209	256997	264785	2
57.94	2.9/32	202483	210272	218059	225847	233635	241422	249209	256997	264785	2
58.00		202483	210272	218059	225847	233635	241422	249209	256997	264785	2
58.50		202483	210272	218059	225847	233635	241422	249209	256997	264785	2
58.74	2.5/16	202483	210272	218059	225847	233635	241422	249209	256997	264785	2
59.00		206351	214286	222223	230159	238094	246033	253968	261905	269842	2
59.50		206351	214286	222223	230159	238094	246033	253968	261905	269842	2
59.53	2.11/32	206351	214286	222223	230159	238094	246033	253968	261905	269842	2
60.00		206351	214286	222223	230159	238094	246033	253968	261905	269842	2
60.32	2.3/8	206351	214286	222223	230159	238094	246033	253968	261905	269842	2
60.50		217651	226086	234522	242958	251394	259831	268267	276703	285139	2
61.00		217651	226086	234522	242958	251394	259831	268267	276703	285139	2
61.12	2.13/32	217651	226086	234522	242958	251394	259831	268267	276703	285139	2
61.50		217651	226086	234522	242958	251394	259831	268267	276703	285139	2
61.91	2.7/16	217651	226086	234522	242958	251394	259831	268267	276703	285139	2
62.00		217651	226086	234522	242958	251394	259831	268267	276703	285139	2
62.50		217651	226086	234522	242958	251394	259831	268267	276703	285139	2
62.71	2.15/32	221315	229892	238469	247049	255626	264205	272784	281360	289939	2
63.00		221315	229892	238469	247049	255626	264205	272784	281360	289939	2
63.5	2.1/2	221315	229892	238469	247049	255626	264205	272784	281360	289939	2
64.00		221452	232278	242708	250292	257877	265462	273046	282041	293904	2
64.29	2.17/32	221452	232278	242708	250292	257877	265462	273046	282041	293904	2
64.50		221452	232278	242708	250292	257877	265462	273046	282041	293904	2
65.00		221452	232278	242708	250292	257877	265462	273046	282041	293904	2
65.09	2.9/16	221452	232278	242708	250292	257877	265462	273046	282041	293904	2
65.50		221590	234007	244516	252156	259797	267439	275080	282719	296093	2
65.88	2.19/32	221590	234007	244516	252156	259797	267439	275080	282719	296093	2
66.00		221590	234007	244516	252156	259797	267439	275080	282719	296093	2
66.50		221590	234007	244516	252156	259797	267439	275080	282719	296093	2
66.67	2.5/8	221590	234007	244516	252156	259797	267439	275080	282719	296093	2
67.00		226996	234822	250478	258305	266132	273961	281787	289615	303313	2
67.47	2.21/32	262572	273073	283576	294081	304581	315085	325589	336091	346595	2



**M2 HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)					MOQ (No.)
		Overall Length in millimetre					
mm	inch	475	500	525	550	575	
67.50		130236	138638	147040	157543	168045	2
68.00		130236	138638	147040	157543	168045	2
68.26	2.11/16	130236	138638	147040	157543	168045	2
68.50		137462	146477	155489	164503	173518	2
69.00		138888	147996	157103	166211	175318	2
69.05	2.23/32	138888	147996	157103	166211	175318	2
69.50		138888	147996	157103	166211	175318	2
69.85	2.3/4	138888	147996	157103	166211	175318	2
70.00		138888	147996	157103	166211	175318	2
70.50		145751	155468	165185	174900	184618	2
70.64	2.25/32	147336	157160	166983	176804	186627	2
71.00		147336	157160	166983	176804	186627	2
71.44	2.13/16	147336	157160	166983	176804	186627	2
71.50		147336	157160	166983	176804	186627	2
72.00		150184	160195	170207	180220	190234	2
72.23	2.27/32	150184	160195	170207	180220	190234	2
72.50		150184	160195	170207	180220	190234	2
73.00		150184	160195	170207	180220	190234	2
73.02	2.7/8	150184	160195	170207	180220	190234	2
73.50		155527	166069	176614	187160	197703	2
73.82	2.29/32	157173	167826	178483	189138	199795	2
74.00		157173	167826	178483	189138	199795	2
74.50		157173	167826	178483	189138	199795	2
74.61	2.15/16	157173	167826	178483	189138	199795	2
75.00		159128	169916	180704	191493	202281	2
75.41	2.31/32	159128	169916	180704	191493	202281	2
75.50		159128	169916	180704	191493	202281	2
76.00		159128	169916	180704	191493	202281	2
76.20	3	159128	169916	180704	191493	202281	2
76.99	3.1/32	—	—	—	199244	214004	2
77.00		—	—	—	199244	214004	2
77.79	3.1/16	—	—	—	199244	214004	2
78.00		—	—	—	199244	214004	2
78.58	3.3/32	—	—	—	203218	218270	2
79.00		—	—	—	203218	218270	2
79.37	3.1/8	—	—	—	208614	224066	2
80.00		—	—	—	208614	224066	2
80.17	3.5/32	—	—	—	223131	239657	2
80.96	3.3/16	—	—	—	223131	239657	2
81.00		—	—	—	223131	239657	2
81.76	3.7/32	—	—	—	228929	245888	2
82.00		—	—	—	228929	245888	2
82.55	3.1/4	—	—	—	228929	245888	2
83.00		—	—	—	233659	250966	2
83.34	3.9/32	—	—	—	233659	250966	2
84.00		—	—	—	233659	250966	2
84.14	3.5/16	—	—	—	237544	255140	2
84.93	3.11/32	—	—	—	237544	255140	2
85.00		—	—	—	237544	255140	2
85.72	3.3/8	—	—	—	270953	291024	2
86.00		—	—	—	270953	291024	2
86.52	3.13/32	—	—	—	270953	291024	2
87.00		—	—	—	270953	291024	2





**M2 HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	600	625	650	675	700	725	750	775	
67.50		178548	189051	199554	210057	220561	231062	241566	252069	2
68.00		178548	189051	199554	210057	220561	231062	241566	252069	2
68.26	2.11/16	178548	189051	199554	210057	220561	231062	241566	252069	2
68.50		182531	191546	200557	210904	220706	236614	245628	254642	2
69.00		184426	193534	202641	211747	220855	239070	248176	257284	2
69.05	2.23/32	184426	193534	202641	211747	220855	239070	248176	257284	2
69.50		184426	193534	202641	211747	220855	239070	248176	257284	2
69.85	2.3/4	184426	193534	202641	211747	220855	239070	248176	257284	2
70.00		184426	193534	202641	211747	220855	239070	248176	257284	2
70.50		194335	204052	213768	223486	233202	242919	252635	262351	2
70.64	2.25/32	196447	206273	216095	225916	235738	245561	255383	265205	2
71.00		196447	206273	216095	225916	235738	245561	255383	265205	2
71.44	2.13/16	196447	206273	216095	225916	235738	245561	255383	265205	2
71.50		196447	206273	216095	225916	235738	245561	255383	265205	2
72.00		200246	210259	220270	230282	240295	250307	260319	270333	2
72.23	2.27/32	200246	210259	220270	230282	240295	250307	260319	270333	2
72.50		200246	210259	220270	230282	240295	250307	260319	270333	2
73.00		200246	210259	220270	230282	240295	250307	260319	270333	2
73.02	2.7/8	200246	210259	220270	230282	240295	250307	260319	270333	2
73.50		208248	218791	229337	239879	250423	260969	271512	282057	2
73.82	2.29/32	210450	221106	231761	242416	253073	263729	274385	285040	2
74.00		210450	221106	231761	242416	253073	263729	274385	285040	2
74.50		210450	221106	231761	242416	253073	263729	274385	285040	2
74.61	2.15/16	210450	221106	231761	242416	253073	263729	274385	285040	2
75.00		213069	223857	234647	245435	256223	267011	277798	288586	2
75.41	2.31/32	213069	223857	234647	245435	256223	267011	277798	288586	2
75.50		213069	223857	234647	245435	256223	267011	277798	288586	2
76.00		213069	223857	234647	245435	256223	267011	277798	288586	2
76.2	3	213069	223857	234647	245435	256223	267011	277798	288586	2
76.99	3.1/32	228763	243521	258280	273038	287797	302557	317316	332074	2
77.00		228763	243521	258280	273038	287797	302557	317316	332074	2
77.79	3.1/16	228763	243521	258280	273038	287797	302557	317316	332074	2
78.00		228763	243521	258280	273038	287797	302557	317316	332074	2
78.58	3.3/32	233323	248376	263432	278486	293538	308591	323643	338697	2
79.00		233323	248376	263432	278486	293538	308591	323643	338697	2
79.37	3.1/8	239518	254971	270425	285877	301329	316781	332237	347688	2
80.00		239518	254971	270425	285877	301329	316781	332237	347688	2
80.17	3.5/32	256184	272714	289241	305770	322298	338825	355353	371881	2
80.96	3.3/16	256184	272714	289241	305770	322298	338825	355353	371881	2
81.00		256184	272714	289241	305770	322298	338825	355353	371881	2
81.76	3.7/32	262844	279804	296760	313718	330676	347635	364591	381551	2
82.00		262844	279804	296760	313718	330676	347635	364591	381551	2
82.55	3.1/4	262844	279804	296760	313718	330676	347635	364591	381551	2
83.00		268274	285582	302891	320198	337507	354815	372122	389431	2
83.34	3.9/32	268274	285582	302891	320198	337507	354815	372122	389431	2
84.00		268274	285582	302891	320198	337507	354815	372122	389431	2
84.14	3.5/16	272736	290333	307927	325524	343117	360713	378310	395904	2
84.93	3.11/32	272736	290333	307927	325524	343117	360713	378310	395904	2
85.00		272736	290333	307927	325524	343117	360713	378310	395904	2
85.72	3.3/8	311096	331166	351236	371307	391377	411447	431518	451589	2
86.00		311096	331166	351236	371307	391377	411447	431518	451589	2
86.52	3.13/32	311096	331166	351236	371307	391377	411447	431518	451589	2
87.00		311096	331166	351236	371307	391377	411447	431518	451589	2



**M2 HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)									MOQ (No.)
		Overall Length in millimetre									
mm	inch	800	825	850	875	900	925	950	975	1000	
67.50		262572	273073	283576	294081	304581	315085	325589	336091	346595	2
68.00		262572	273073	283576	294081	304581	315085	325589	336091	346595	2
68.26	2.11/16	262572	273073	283576	294081	304581	315085	325589	336091	346595	2
68.50		263657	274286	284092	295204	309852	315485	326754	338022	347916	2
69.00		266393	275500	284609	298268	311697	318761	330145	339940	350171	2
69.05	2.23/32	266393	275500	284609	298268	311697	318761	330145	339940	350171	2
69.50		266393	275500	284609	298268	311697	318761	330145	339940	350171	2
69.85	2.3/4	266393	275500	284609	298268	311697	318761	330145	339940	350171	2
70.00		266393	275500	284609	298268	311697	318761	330145	339940	350171	2
70.50		272069	281786	291501	301219	313694	320653	330369	340085	350931	2
70.64	2.25/32	275029	284851	294674	304495	314319	324141	333963	343786	353609	2
71.00		275029	284851	294674	304495	314319	324141	333963	343786	353609	2
71.44	2.13/16	275029	284851	294674	304495	314319	324141	333963	343786	353609	2
71.50		275029	284851	294674	304495	314319	324141	333963	343786	353609	2
72.00		280345	290357	300369	310381	320393	330405	340418	350430	360442	2
72.23	2.27/32	280345	290357	300369	310381	320393	330405	340418	350430	360442	2
72.50		280345	290357	300369	310381	320393	330405	340418	350430	360442	2
73.00		280345	290357	300369	310381	320393	330405	340418	350430	360442	2
73.02	2.7/8	280345	290357	300369	310381	320393	330405	340418	350430	360442	2
73.50		292600	303144	313689	324233	334777	345321	355866	366410	376953	2
73.82	2.29/32	295694	306353	317008	327663	338318	348975	359629	370286	380942	2
74.00		295694	306353	317008	327663	338318	348975	359629	370286	380942	2
74.50		295694	306353	317008	327663	338318	348975	359629	370286	380942	2
74.61	2.15/16	295694	306353	317008	327663	338318	348975	359629	370286	380942	2
75.00		299374	310162	320952	331739	342528	353316	364105	374892	385682	2
75.41	2.31/32	299374	310162	320952	331739	342528	353316	364105	374892	385682	2
75.50		299374	310162	320952	331739	342528	353316	364105	374892	385682	2
76.00		299374	310162	320952	331739	342528	353316	364105	374892	385682	2
76.2	3	299374	310162	320952	331739	342528	353316	364105	374892	385682	2
76.99	3.1/32	346834	361592	376350	391110	405869	420627	435385	—	—	2
77.00		346834	361592	376350	391110	405869	420627	435385	—	—	2
77.79	3.1/16	346834	361592	376350	391110	405869	420627	435385	—	—	2
78.00		346834	361592	376350	391110	405869	420627	435385	—	—	2
78.58	3.3/32	353750	368802	383857	398909	413964	429017	444069	—	—	2
79.00		353750	368802	383857	398909	413964	429017	444069	—	—	2
79.37	3.1/8	363140	378595	394046	409500	424954	440406	455858	—	—	2
80.00		363140	378595	394046	409500	424954	440406	455858	—	—	2
80.17	3.5/32	388410	404937	421468	437996	454522	471051	487579	—	—	2
80.96	3.3/16	388410	404937	421468	437996	454522	471051	487579	—	—	2
81.00		388410	404937	421468	437996	454522	471051	487579	—	—	2
81.76	3.7/32	398507	415465	432423	449382	466337	483296	500253	—	—	2
82.00		398507	415465	432423	449382	466337	483296	500253	—	—	2
82.55	3.1/4	398507	415465	432423	449382	466337	483296	500253	—	—	2
83.00		406739	424048	441355	458663	475970	493279	510586	—	—	2
83.34	3.9/32	406739	424048	441355	458663	475970	493279	510586	—	—	2
84.00		406739	424048	441355	458663	475970	493279	510586	—	—	2
84.14	3.5/16	413501	431097	448693	466289	483884	501480	519076	—	—	2
84.93	3.11/32	413501	431097	448693	466289	483884	501480	519076	—	—	2
85.00		413501	431097	448693	466289	483884	501480	519076	—	—	2
85.72	3.3/8	471660	491730	511803	531873	551943	572014	592084	—	—	2
86.00		471660	491730	511803	531873	551943	572014	592084	—	—	2
86.52	3.13/32	471660	491730	511803	531873	551943	572014	592084	—	—	2
87.00		471660	491730	511803	531873	551943	572014	592084	—	—	2



**M2 HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	400	425	450	475	500	525	550	575	
87.31	3.7/16	—	—	—	—	—	—	276619	297110	2
88.00		—	—	—	—	—	—	276619	297110	2
88.11	3.15/32	—	—	—	—	—	—	276619	297110	2
88.90	3.1/2	—	—	—	—	—	—	276619	297110	2
89.00		—	—	—	—	—	—	276619	297110	2
90.00		—	—	—	—	—	—	282259	303168	2
90.49	3.9/16	—	—	—	—	—	—	292787	314474	2
91.00		—	—	—	—	—	—	292787	314474	2
92.00		—	—	—	—	—	—	292787	314474	2
92.07	3.5/8	—	—	—	—	—	—	302349	324743	2
93.00		—	—	—	—	—	—	302349	324743	2
93.66	3.11/16	—	—	—	—	—	—	313784	337026	2
94.00		—	—	—	—	—	—	313784	337026	2
95.00		—	—	—	—	—	—	313784	337026	2
95.25	3.3/4	—	—	—	—	—	—	313784	337026	2
96.00		—	—	—	—	—	—	324288	348309	2
96.84	3.13/16	—	—	—	—	—	—	324288	348309	2
97.00		—	—	—	—	—	—	324288	348309	2
98.00		—	—	—	—	—	—	330024	354469	2
98.42	3.7/8	—	—	—	—	—	—	334736	359531	2
99.00		—	—	—	—	—	—	334736	359531	2
100.00		—	—	—	—	—	—	334736	359531	2
100.01	3.15/16	—	—	—	—	—	—	340470	365688	2
101.00		—	—	—	—	—	—	340470	365688	2
101.6	4	—	—	—	—	—	—	340470	365688	2
102.00		—	—	—	—	—	—	340470	365688	2



**M2 HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	600	625	650	675	700	725	750	775	
87.31	3.7/16	317600	338091	358580	379069	399561	420050	440540	461032	2
88.00		317600	338091	358580	379069	399561	420050	440540	461032	2
88.11	3.15/32	317600	338091	358580	379069	399561	420050	440540	461032	2
	3.1/2	317600	338091	358580	379069	399561	420050	440540	461032	2
89.00		317600	338091	358580	379069	399561	420050	440540	461032	2
90.00		324077	344985	365892	386800	407710	428618	449524	470433	2
90.49	3.9/16	336163	357850	379541	401228	422917	444604	466293	487980	2
91.00		336163	357850	379541	401228	422917	444604	466293	487980	2
92.00		336163	357850	379541	401228	422917	444604	466293	487980	2
92.07	3.5/8	347140	369535	391931	414327	436724	459120	481515	503913	2
93.00		347140	369535	391931	414327	436724	459120	481515	503913	2
93.66	3.11/16	360270	383511	406756	429999	453241	476485	499727	522972	2
94.00		360270	383511	406756	429999	453241	476485	499727	522972	2
95.00		360270	383511	406756	429999	453241	476485	499727	522972	2
95.25	3.3/4	360270	383511	406756	429999	453241	476485	499727	522972	2
96.00		372332	396352	420373	444395	468417	492436	516460	540482	2
96.84	3.13/16	372332	396352	420373	444395	468417	492436	516460	540482	2
97.00		372332	396352	420373	444395	468417	492436	516460	540482	2
98.00		378917	403361	427808	452255	476700	501148	525593	550039	2
98.42	3.7/8	384324	409119	433916	458711	483505	508301	533095	557891	2
99.00		384324	409119	433916	458711	483505	508301	533095	557891	2
100.00		384324	409119	433916	458711	483505	508301	533095	557891	2
100.01	3.15/16	390909	416127	441349	466569	491787	517009	542227	567447	2
101.00		390909	416127	441349	466569	491787	517009	542227	567447	2
101.6	4	390909	416127	441349	466569	491787	517009	542227	567447	2
102.00		390909	416127	441349	466569	491787	517009	542227	567447	2



**M2 HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7822 - 2005**

Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimetre							
mm	inch	800	825	850	875	900	925	950	
87.31	3.7/16	481522	502011	522502	542992	563482	583973	604462	2
88.00		481522	502011	522502	542992	563482	583973	604462	2
88.11	3.15/32	481522	502011	522502	542992	563482	583973	604462	2
88.9	3.1/2	481522	502011	522502	542992	563482	583973	604462	2
89.00		481523	502013	522504	542993	563486	583974	604464	2
90.00		491341	512250	533158	554065	574974	595881	616791	2
90.49	3.9/16	509667	531356	553044	574733	596420	618108	639796	2
91.00		509667	531356	553044	574733	596420	618108	639796	2
92.00		509667	531356	553044	574733	596420	618108	639796	2
92.07	3.5/8	526308	548705	571101	593496	615892	638289	660685	2
93.00		526308	548705	571101	593496	615892	638289	660685	2
93.66	3.11/16	546215	569458	592700	615943	639187	662431	685673	2
94.00		546215	569458	592700	615943	639187	662431	685673	2
95.00		546215	569458	592700	615943	639187	662431	685673	2
95.25	3.3/4	546215	569458	592700	615943	639187	662431	685673	2
96.00		564501	588522	612545	636566	660587	684609	708630	2
96.84	3.13/16	564501	588522	612545	636566	660587	684609	708630	2
97.00		564501	588522	612545	636566	660587	684609	708630	2
98.00		574486	598931	623379	647826	672270	696716	721162	2
98.42	3.7/8	582686	607481	632276	657072	681867	706661	731457	2
99.00		582686	607481	632276	657072	681867	706661	731457	2
100.00		582686	607481	632276	657072	681867	706661	731457	2
100.01	3.15/16	592667	617888	643107	668327	693547	718768	743986	2
101.00		592667	617888	643107	668327	693547	718768	743986	2
101.6	4	592667	617888	643107	668327	693547	718768	743986	2
102.00		592667	617888	643107	668327	693547	718768	743986	2

**HSS SHELL DRILLS**

**BS: 122 (PART 2) 1964**

**(TAPER HOLE 1 IN 96) RH Cutting with RH Helical Flutes**

Dia Inch	M2 Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	M2 Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	M2 Price Per Piece (Rs.)	MOQ (No.)
1	4287	5	1.11/16	7979	5	2.3/4	19921	3
1.1/16	4525	5	1.3/4	8161	5	2.7/8	22137	3
1.1/8	4795	5	1.13/16	8481	5	3	24315	3
1.3/16	5088	5	1.7/8	8739	5	3.1/8	27262	3
1.1/4	5315	5	1.15/16	9160	5	3.1/4	29617	3
1.5/16	5572	5	2	9471	5	3.3/8	31854	3
1.3/8	5888	5	2.1/8	10468	5	3.1/2	47652	3
1.7/16	6148	5	2.1/4	11457	5	3.5/8	40408	3
1.1/2	6370	5	2.3/8	12819	5	3.3/4	42272	3
1.9/16	6735	5	2.1/2	15588	5	3.7/8	48932	3
1.5/8	7029	5	2.5/8	18111	3	4	54074	3



## HSS CENTRE DRILLS

### TYPE - A IS 6708-1977

Pilot Dia mm	Body Dia mm	M2		M35		
		Price Per Piece (Rs.)	MOQ (No.)	Price Per Piece (Rs.)	Price Per Piece (Rs.)	MOQ (No.)
		Without TIN-Coated		Without TIN-Coated	TIN-Coated	
1	3.15	274 **	50	319	398	300
1.25	3.15	274 **	50	319	398	300
1.6	4	274 *	50	319	404	300
2	5	274 *	50	319	414	300
2.5	6.3	317 *	50	367	485	300
3.15	8	491 *	50	569	728	300
4	10	602 *	50	647	848	300
5	12.5	1020 *	50	1181	1441	300
6.3	16	1205 *	50	1399	1709	300
8	20	1860 *	50	2194	2549	300
10	25	2395 **	50	2973	3750	300

### TYPE - B IS 6709-1977

1.6	6.3	560 **	50	651	767	300
2	8	792 *	50	921	1079	300
2.5	10	1011 *	50	1174	1389	300
3.15	11.2	1344 *	50	1562	1821	300
4	14	1670 *	50	1988	2269	200
5	18	2577 *	50	3118	3470	200
6.3	20	3035 *	50	3521	3874	200
8	25	3925 *	50	4751	5531	200

### TYPE - R IS 6710-1977

1	3.15	274	50	319	398	300
1.25	3.15	274	50	319	398	300
1.6	4	274	50	319	404	300
2	5	274 **	50	319	414	300
2.5	6.3	317 **	50	367	485	300
3.15	8	491 **	50	569	728	300
4	10	602 **	50	699	916	300
5	12.5	1020	50	1181	1441	300
6.3	16	1205	50	1399	1709	300
8	20	1860	50	2194	2549	300
10	25	2395	50	2973	3750	300

### BS 328 (PART 2) 1950

"Size BS No."	Pilot Dia. Inch	"Body Dia. Inch"	M2	MOQ	M35 Without TIN-Coated	M35 TIN-Coated	MOQ
BS 1	3/64	1/8	274 **	50	319	398	300
BS 2	1/16	3/16	274 *	50	319	404	300
BS 3	3/32	1/4	317 *	50	367	485	300
BS 4	1/8	5/16	491 *	50	569	728	300
BS 5	3/16	7/16	640 *	50	742	1001	300
BS 6	1/4	5/8	1205 *	50	1399	1709	300
BS 7	5/16	3/4	1860 *	50	2215	2568	300

For more details refer our Drill Catalogue Pages 54 to 57



### HSS TAPER SHANK CORE DRILLS

IS 5366 - 1978

BS 328 (PART 1) - 1959

Size		M2 Price Per Piece (Rs.)	MOQ (No.)	Size		M2 Price Per Piece (Rs.)	MOQ (No.)	Size		M2 Price Per Piece (Rs.)	MOQ (No.)
mm	inch			mm	inch			mm	inch		
7.00		1653	35	(26.99)	1.1/16	10059	35	51.00		49494	5
(7.14)	9/32	1653	35	27.00		10059	35	52.00		54507	5
7.50		1765	35	(27.78)	1.3/32	10441	35	(52.39)	2.1/16	54507	5
(7.94)	5/16	1759	35	28.00		11062	35	53.00		63674	5
8.00		1765	35	(28.57)	1.1/8	11064	35	(53.97)	2.1/8	63674	5
8.50		1799	35	29.00		11580	35	54.00		63674	5
(8.73)	11/32	1765	35	(29.37)	1.5/32	11580	35	55.00		66740	5
9.00		1806	35	30.00		12300	35	(55.56)	2.3/16	66740	5
(9.52)	3/8	1940	35	(30.16)	1.3/16	12300	35	56.00		69568	5
10.00		1940	35	(30.96)	1.7/32	12766	35	57.00		69568	5
(10.32)	13/32	1940	35	31.00		14353	35	(57.15)	2.1/4	69568	5
11.00		1943	35	(31.75)	1.1/4	14984	35	58.00		76024	5
(11.11)	7/16	1943	35	32.00		16421	20	(58.74)	2.5/16	76024	5
(11.91)	15/32	2078	35	(32.54)	1.9/32	16421	20	59.00		77430	5
12.00		2078	35	33.00		16766	20	60.00		77430	5
(12.70)	1/2	2195	35	(33.34)	1.5/16	16766	20	(60.32)	2.3/8	77430	5
13.00		2970	35	34.00		18390	20	61.00		82516	5
(13.49)	17/32	3251	35	(34.13)	1.11/32	18390	20	(61.91)	2.7/16	82516	5
14.00		3251	35	(34.92)	1.3/8	19419	20	62.00		82516	5
(14.29)	9/16	3345	35	35.00		19419	20	63.00		84892	5
15.00		3489	35	(35.72)	1.13/32	20887	20	(63.50)	2.1/2	84892	5
(15.08)	19/32	3489	35	36.00		20887	20	64.00		92688	5
15.87	5/8	3571	35	(36.51)	1.7/16	22034	20	65.00		92688	3
16.00		3571	35	37.00		22034	20	(65.09)	2.9/16	92688	3
(16.67)	21/32	3762	35	(37.31)	1.15/32	22660	20	66.00		97183	3
17.00		3762	35	38.00		24246	20	(66.67)	2.5/8	97183	3
(17.46)	11/16	4063	35	(38.10)	1.1/2	24246	20	67.00		101238	3
18.00		4369	35	39.00		26586	20	68.00		106156	3
(18.26)	23/32	4369	35	(39.69)	1.9/16	26586	20	(68.26)	2.11/16	106156	3
19.00		4994	35	40.00		26586	20	69.00		111341	3
(19.05)	3/4	4994	35	41.00		29302	20	(69.85)	2.3/4	113428	3
(19.84)	25/32	5013	35	(41.27)	1.5/8	29302	20	70.00		113428	3
20.00		5013	35	42.00		30170	20	71.00		115672	3
(20.64)	13/16	5364	35	(42.86)	1.11/16	31141	20	(71.44)	2.13/16	115672	3
21.00		5364	35	43.00		31141	20	72.00		120961	3
(21.43)	27/32	5669	35	44.00		32916	20	73.00		125444	3
22.00		5669 **	35	(44.45)	1.3/4	32916	20	(73.02)	2.7/8	125444	3
(22.22)	7/8	6015	35	45.00		34080	20	74.00		130189	3
23.00		6370	35	46.00		35342	10	(74.61)	2.15/16	130189	3
(23.02)	29/32	6370	35	(46.04)	1.13/16	35342	10	75.00		134985	3
(23.81)	15/16	6951	35	47.00		36724	10	76.00		141468	3
24.00		7296	35	(47.62)	1.7/8	38619	10	(76.20)	3	141468	3
(24.61)	31/32	7296	35	48.00		38619	10				
25.00		8444	35	49.00		41238	10				
(25.40)	1	8444	35	(49.21)	1.15/16	41238	10				
26.00		9111	35	50.00		44376	10				
(26.19)	1.1/32	9111	35	(50.80)	2	49068	5				

Size upto 25/32" (20 mm) with 3 flutes and above 25/32" (20 mm) and upto 75 mm with 4 flutes and above 75.0 mm will be supplied with 6 flutes.






**HSS HOLE MILLS (FINISHING) GUIDED - TYPE B**
**IS: 5989 - 1998**

Size mm	Price Per Piece (Rs.)	MOQ (No.)	Size mm	Price Per Piece (Rs.)	MOQ (No.)
6	3209	25	25	13083	20
8	3324	25	26	14704	20
10	3894	25	27	14704	20
12	4405	25	28	16035	20
13	5545	25	30	16666	20
14	5545	25	32	19347	20
15	5819	25	34	26149	10
16	5819	25	35	26149	10
18	7557	25	36	27936	10
20	8242	20	38	29869	10
22	9421	20	40	34431	10
24	12132	20	42	38352	10

**HSS HOLE MILLS (ROUGHING) GUIDED - TYPE B**
**IS: 5989 - 1998**

Size mm	Price Per Piece (Rs.)	MOQ (No.)	Size mm	Price Per Piece (Rs.)	MOQ (No.)
5.9	3209	25	24.7	13083	20
7.9	3324	25	25.7	14705	20
9.9	3894	25	26.7	14705	20
11.8	4405	25	27.7	16035	20
12.8	5545	25	29.7	16666	20
13.8	5545	25	31.7	19347	20
14.8	5819	25	33.7	26149	10
15.8	5819	25	34.7	26149	10
17.8	7558	25	35.7	27936	10
19.8	8242	20	37.7	29869	10
21.7	9421	20	39.7	34431	10
23.7	12132	20	41.6	38352	10

For more details please refer our Product Catalogue Page 179.



HSS HAND REAMERS HSS MACHINE REAMERS WITH TAPER SHANK HSS CHUCKING REAMERS WITH PARALLEL SHANK HSS CHUCKING REAMERS WITH TAPER SHANK						IS 5444-1978 IS 5445-1978 IS 5446-1978 IS 5447-1978	Inch Sizes BS 328 (PART 4) 1983	
Dia		Price Per Piece (Rs.)						MOQ (No.)
mm	Inch	Reamers		Reamers		Chucking Reamers		
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
3.00		1508 **	1508 **	1508	1508	1508	1508	25
(3.17)	1/8	1508	1508 *	1508	1508	1508	1508	25
(3.97)	5/32	1508	1508	1508	1508	1508	1508	25
4.00		1508 **	1508 **	1508	1508	1508	1508	25
(4.76)	3/16	1508	1508	1508	1508	1508	1508	25
5.00		1508 *	1508 **	1508	1508	1508	1508	25
(5.56)	7/32	1508	1508	1508	1508	1508	1508	25
6.00		1755 *	1755 *	1755	1755	1755	1755	25
(6.35)	1/4	1755 **	1755 **	1755	1755	1755	1755	25
7.00		1759 **	1759 **	1759	1759	1759	1759	25
(7.14)	9/32	1759	1759	1759	1759	1759	1759	25
(7.94)	5/16	1993 **	1993	1993	1993	1993	1993	25
8.00		1993 **	1993 **	1993	1993	1993 **	1993	25
(8.73)	11/32	2078	2078	2078	2078	2078	2078	25
9.00		2078 **	2078 **	2078	2078	2078	2078	25
(9.52)	3/8	2267 **	2267 **	2267	2267	2267	2267	25
10.00		2510 *	2510 *	2510	2510	2510	2510	25
(10.32)	13/32	2510	2510	2510	2510	2510	2510	25
11.00		2820 **	2820 **	2820	2820	2820	2820	25
11.11	7/16	2820	2820 **	2820	2820	2820	2820	25
(11.91)	15/32	2931	2931	2931	2931	2931	2931	25
12.00		2931 *	2931 *	2931	2931	2931	2931	25
(12.70)	1/2	3044 **	3044 **	3044	3044	3044	3044	25
13.00		3702 **	3702 **	3702	3702	3702	3702	20
(13.49)	17/32	3702	3702	3702	3702	3702	3702	20
14.00		3702 **	3702 **	3702	3702	3702	3702	20
(14.29)	9/16	3702	3702	3702	3702	3702	3702	20
15.00		3726 **	3726 **	3726	3726	3726	3726	20
(15.08)	19/32	3726	3726	3726	3726	3726	3726	20
(15.87)	5/8	3726	3726	3726	3726	3726	3726	20
16.00		3726 **	3726 *	3726	3726	3726	3726	20
(16.67)	21/32	4290	4290	4290	4290	–	4290	20
17.00		4290 **	4290 **	4290	4290	–	4290	20
(17.46)	11/16	4290	4290	4290	4290	–	4290	20
18.00		4592	4592 *	4592	4592	–	4592	20
(18.26)	23/32	4881	4881	4881	4881	–	4881	20
19.00		4881	4881 **	4881	4881	–	4881	15
(19.05)	3/4	4881	4881 **	4881	4881	–	4881	15
20.00		5443 **	5443 *	5443	5443	–	5443	15
(20.64)	13/16	5545	5545	5545	5545	–	5545	15
21.00		6161	6161 *	6161	6161	–	6161	15

For more details please refer our Product Catalogue Pages 69 to 71 and 74 & 75.



HSS HAND REAMERS HSS MACHINE REAMERS WITH TAPER SHANK HSS CHUCKING REAMERS WITH PARALLEL SHANK HSS CHUCKING REAMERS WITH TAPER SHANK						IS 5444-1978 IS 5445-1978 IS 5446-1978 IS 5447-1978	Inch Sizes BS 328 (PART 4) 1983	
Dia		Price Per Piece (Rs.)						MOQ (No.)
mm	Inch	Reamers		Reamers		Chucking Reamers		
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
22.00		6161 **	6161 *	6161	6161	–	6161	15
(22.22)	7/8	6161	6161 *	6161	6161	–	6161	15
23.00		7190	7190 *	7190	7190	–	7190	15
(23.81)	15/16	7966	7966	7966	7966	–	7966	15
24.00		7966 **	7966 *	7966	7966	–	7966	15
25.00		7983 **	7983 **	7983	7983	–	7983	15
(25.40)	1	8127	8127 **	8127	8127	–	8127	15
26.00		9866	9866 **	9866	9866	–	9866	10
(26.99)	1.1/16	11283	11283	11283	11283	–	11283	10
27.00		11283	11283 **	11283	11283	–	11283	10
28.00		11283	11283 **	11283	11283	–	11283	10
(28.57)	1.1/8	11283	11283	11283	11283	–	11283	10
29.00		11968	11968	11968	11968	–	11968	10
30.00		12913	12913	12913	12913	–	12913	10
(30.16)	1.3/16	12913	12913	12913	12913	–	12913	10
31.00		14263	14263	14263	14263	–	14263	5
(31.75)	1.1/4	14263	14263	14263	14263	–	14263	5
32.00		14263	14263 **	14263	14263	–	14263	5
33.00		16196	16196 **	16196	16196	–	16196	5
(33.34)	1.5/16	16196	16196	16196	16196	–	16196	5
34.00		18197	18197 **	18197	18197	–	18197	5
(34.92)	1.3/8	19910	19910	19910	19910	–	19910	5
35.00		19910	19910 **	19910	19910	–	19910	5
36.00		19910	19910	19910	19910	–	19910	5
(36.51)	1.7/16	20055	20055	20055	20055	–	20055	5
37.00		21854	21854	21854	21854	–	21854	5
38.00		21854	21854 **	21854	21854	–	21854	5
(38.10)	1.1/2	21854	21854	21854	21854	–	21854	5
39.00		24153	24153	24153	24153	–	24153	5
(39.69)	1.9/16	26398	26398	26398	26398	–	26398	5
40.00		26398	26398 **	26398	26398	–	26398	5
41.00		26623	26623	26623	26623	–	26623	3
(41.27)	1.5/8	26623	26623	26623	26623	–	26623	3
42.00		31376	31376	31376	31376	–	31376	3
42.86	1.11/16	31376	31376	31376	31376	–	31376	3
43.00		31376	31376	31376	31376	–	31376	3
44.00		31376	31376	31376	31376	–	31376	3
(44.45)	1.3/4	31376	31376	31376	31376	–	31376	3
45.00		36767	36767 **	36767	36767	–	36767	3
46.00		36767	36767	36767	36767	–	36767	3
47.00		39699	39699	39699	39699	–	39699	3
(47.62)	1.7/8	42638	42638	42638	42638	–	42638	3
48.00		42638	42638	42638	42638	–	42638	3
49.00		42638	42638	42638	42638	–	42638	3
(49.21)	1.15/16	42638	42638	42638	42638	–	42638	3

For more details please refer our Product Catalogue Pages 69 to 71 and 74 & 75.



HSS HAND REAMERS HSS MACHINE REAMERS WITH TAPER SHANK HSS CHUCKING REAMERS WITH PARALLEL SHANK HSS CHUCKING REAMERS WITH TAPER SHANK						IS 5444-1978 IS 5445-1978 IS 5446-1978 IS 5447-1978	Inch Sizes BS 328 (PART 4) 1983	
Dia		Price Per Piece (Rs.)						MOQ (No.)
mm	Inch	Reamers		Reamers		Chucking Reamers		
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
50.00		42638	42638	42638	42638	–	42638	3
(50.80)	2	42638	42638	42638	42638	–	42638	3
51.00		42638	42638	42638	42638	–	42638	3
52.00		50825	50825	50825	50825	–	50825	3
(52.39)	2.1/16	50825	50825	50825	50825	–	–	3
53.00		50825	50825	50825	50825	–	–	3
(53.97)	2.1/8	50825	50825	50825	50825	–	–	3
54.00		50825	50825	50825	50825	–	–	3
55.00		59017	59017	59017	59017	–	–	3
(55.56)	2.3/16	59017	59017	59017	59017	–	–	3
56.00		59017	59017	59017	59017	–	–	3
57.00		59017	59017	59017	59017	–	–	3
(57.15)	2.1/4	59017	59017	59017	59017	–	–	3
58.00		63145	63145	63145	63145	–	–	3
(58.74)	2.5/16	63145	63145	63145	63145	–	–	3
59.00		63145	63145	63145	63145	–	–	3
60.00		74918	74918	74918	74918	–	–	3
(60.32)	2.3/8	74918	74918	74918	74918	–	–	3
61.00		74918	74918	74918	74918	–	–	3
(61.91)	2'7/16	74918	74918	74918	74918	–	–	3
62.00		74918	74918	74918	74918	–	–	3
63.00		74918	74918	74918	74918	–	–	3
(63.50)	2.1/2	74918	74918	74918	74918	–	–	3
64.00		74918	74918	74918	74918	–	–	2
65.00		–	90453	–	90453	–	–	2
(65.09)	2.9/16	90453	90453	90453	90453	–	–	2
66.00		–	93505	–	93505	–	–	2
(66.67)	2.5/8	93505	93505	93505	93505	–	–	2
67.00		–	93505	–	93505	–	–	2
68.00		–	100240	–	100240	–	–	2
(68.26)	2.11/16	100240	100240	100240	100240	–	–	2
69.00		–	100240	–	100240	–	–	2
(69.85)	2.3/4	100240	100240	100240	100240	–	–	2
70.00		–	100240	–	100240	–	–	2
71.00		–	100240	–	100240	–	–	2
(71.44)	2.13/16	105318	105318	105318	105318	–	–	2
72.00		–	122457	–	122457	–	–	2
73.00		–	122457	–	122457	–	–	2
(73.02)	2.7/8	122457	122457	122457	122457	–	–	2
74.00		–	122457	–	122457	–	–	2
(74.61)	2.15/16	122457	122457	122457	122457	–	–	2
75.00		–	128589	–	128589	–	–	2
76.00		–	128589	–	128589	–	–	2
(76.20)	3	128589	128589	128589	128589	–	–	2

For more details please refer our Product Catalogue Pages 69 to 71 and 74 & 75.



## HSS TAPER SHANK EXTRA LONG MACHINE REAMERS

Dia (mm)	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
8 x 125 x 200	2887	30	5/16 x 125 x 200	2887	30
8 x 175 x 250	3084	30	5/16 x 175 x 250	3084	30
8 x 200 x 300	3383	30	5/16 x 200 x 300	3383	30
8 x 225 x 300	4244	30	3/8 x 125 x 200	3625	30
9 x 125 x 200	2815	30	3/8 x 175 x 250	3867	30
9 x 175 x 250	3241	30	3/8 x 200 x 300	4104	30
10 x 125 x 200	3625	30	7/16 x 160 x 250	4295	30
10 x 175 x 250	3867	30	7/16 x 200 x 300	4526	30
10 x 200 x 300	4104	30	1/2 x 175 x 200	4842	30
10 x 300 x 400	4385	30	1/2 x 200 x 300	4895	30
12 x 160 x 250	4295 **	30	9/16 x 200 x 300	5754	30
12 x 200 x 300	4526	30	9/16 x 250 x 350	6098	30
13 x 200 x 300	5176	30	5/8 x 200 x 300	5754	30
14 x 160 x 250	4824	30	5/8 x 250 x 350	6158	30
14 x 200 x 300	5666	30	5/8 x 300 x 400	6437	30
15 x 200 x 300	5754	30	11/16 x 200 x 300	7142	30
15 x 300 x 400	6437	30	3/4 x 200 x 300	7580	30
16 x 200 x 300	5480	30	3/4 x 300 x 400	8067	30
16 x 300 x 400	6437	30	13/16 x 200 x 300	9552	30
17 x 200 x 300	6491	30	7/8 x 200 x 300	11315	20
18 x 200 x 300	7136	30	7/8 x 300 x 400	11559	20
19 x 200 x 300	7580	30	1 x 275 x 400	13929	20
20 x 200 x 300	8410	30	1 x 200 x 315	12402	20
20 x 300 x 400	9503	30	1-1/8 x 275 x 400	21161	20
22 x 200 x 300	9552	20	-	-	-
25 x 200 x 315	12402	20	-	-	-
25 x 275 x 400	13937	20	-	-	-
26 x 275 x 400	17223	20	-	-	-
28 x 175 x 400	19783	20	-	-	-



**HSS MACHINE JIG REAMERS WITH RH CUTTING  
AND LH HELICAL FLUTES**

**IS: 11002 - 1984**

Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)
6	2453	20	29	14483	5
7	2611	20	30	14483	5
8	2611	20	31	16766	5
9	2827	20	32	16766	5
10	3224	20	33	19691	5
11	3224	20	34	22674	5
12	3694	20	35	22674	5
13	4388	20	36	24327	5
14	4388	20	37	26008	5
15	4826	20	38	26008	5
16	4826	15	39	26008	5
17	5572	15	40	29897	5
18	6240	15	41	29897	5
19	6240	15	42	33401	3
20	6805	15	43	33401	3
21	7851	15	44	36699	3
22	7851	15	45	39854	3
23	7851	15	46	39854	3
24	10108	10	47	43450	3
25	10956	10	48	47252	3
26	12247	10	49	47252	3
27	12247	10	50	52533	3
28	13307	10			

**HSS MACHINE JIG REAMERS WITH RH CUTTING  
AND LH HELICAL FLUTES**

**BS : 122 (Part-2) 1964**

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	2453	20	15/16	9682	15
9/32	2611	20	1	10510	10
5/16	2611	20	1.1/16	11788	10
11/32	2734	20	1.1/8	12815	10
3/8	2734	20	1.3/16	13954	5
13/32	3169	20	1.1/4	16133	5
7/16	3169	20	1.5/16	18902	5
15/32	3424	20	1.3/8	21072	5
1/2	3503	20	1.7/16	23397	5
9/16	4261	20	1.1/2	25025	5
5/8	4592	20	1.5/8	25726	5
11/16	5443	15	1.3/4	34604	3
3/4	6013	15	1.7/8	41712	3
13/16	6592	15	2	50549	3
7/8	7557	15			

For more details please refer our Product Catalogue Page 72 & 73.


**HSS SHELL REAMERS (TAPER HOLE 1 IN 30)**
**IS: 5926 - 1970**
**RH CUTTING STRAIGHT FLUTES**

Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)
21, 22, 23	4970	5	64	21063	3
24, 25	4970	5	65, 66	21264	3
26, 27	5265	5	67	23329	3
28	5651	5	68, 69	23329	3
29	5921	5	70	23329	3
30	5950	5	71	25678	3
31	6188	5	72, 73	25940	3
32	6227	5	74, 75	28192	3
33	6539	5	76	28466	3
34	6804	5	77, 78	31607	3
35	6880	5	79	31933	3
36	7167	5	80	35002	3
37	7444	5	81	35002	3
38	7548	5	82	35002	3
39, 40	7924	5	83	37393	3
41	8275	5	84	37393	3
42, 43	9390	5	85	37756	3
44	9526	5	86	40058	3
45	9935	5	87	40058	3
46	9935	5	88	40058	3
47	10407	5	89	40441	3
48	10615	5	90	47362	3
49	10687	5	91	47832	3
50	11124	5	92	47832	3
51	12206	5	93	49514	3
52,53,54	12320	5	94	49514	3
55, 56	13519	5	95	50002	3
57	13519	5	96	57293	3
58, 59	15156	5	97	57293	3
60	15156	5	98	57727	3
61	18139	5	99, 100	63902	3
62, 63	18312	5			

**HSS SHELL REAMERS (TAPER HOLE 1 IN 96)**
**BS : 328 (PART 4) 1983**
**RH CUTTING WITH LH HELICAL FLUTES**

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1	4983	5	2-1/8	12206	5
1-1/16	5265	5	2-1/4	13294	5
1-1/8	5599	5	2-3/8	14830	5
1-3/16	5841	5	2-1/2	18139	5
1-1/4	6188	5	2-5/8	21063	3
1-5/16	6499	5	2-3/4	23101	3
1-3/8	6804	5	2-7/8	25906	3
1-7/16	7107	5	3	28192	3
1-1/2	7418	5	3-1/8	31607	3
1-9/16	7833	5	3-1/4	34699	3
1-5/8	8178	5	3-3/8	37393	3
1-11/16	9299	5	3-1/2	40058	3
1-3/4	9491	5	3-5/8	47392	3
1-13/16	9840	5	3-3/4	49514	3
1-7/8	10172	5	3-7/8	57293	3
1-15/16	10625	5	4	63300	3
2	11009	5			

For more details on these products, please refer our Product Catalogue Pages 76 to 78.



**HSS MACHINE BRIDGE REAMERS WITH RH CUTTING  
AND LH HELICAL FLUTES**

**IS: 5919 - 1978**

Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)
6.4	2620	25	23	10453	10
7.4	2620	25	23.5	10453	10
8.4	3069	25	24	11368	10
9.4	3464	25	25	11368	10
10	3833	25	26	12815	10
11	3833	25	27	12815	10
11.5	4477	25	28	13870	10
12	4477	25	29	14973	10
13	4881	15	30	14973	10
13.5	4881	15	31	16492	5
14	4881	15	32	16492	5
15	5666	15	33	17744	5
17	6990	15	34	19037	5
17.5	6990	15	35	19037	5
18	7851	15	36	20314	5
19	7851	15	37	21656	5
20	8627	10	40	34431	3
21	9586	10	43	40751	3
21.5	9586	10	49	55426	3
22	9586	10			

**HSS MACHINE BRIDGE REAMERS WITH RH CUTTING  
AND LH HELICAL FLUTES**

**BS : 328 (PART 4) 1983**

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	2562	25	15/16	10453	10
5/16	2854	25	1	11368	10
3/8	3262	25	1.1/16	12370	10
7/16	3833	25	1.1/8	13290	10
1/2	4142	25	1.3/16	13308	10
9/16	4881	15	1.1/4 MT3	14847	5
5/8	5666	15	1.1/4 MT4	15270	5
11/16 MT2	5700	15	1.5/16	15717	5
11/16 MT3	6990	15	1.3/8	16849	5
3/4	7851	15	1.7/16	18007	5
13/16	8336	10	1.1/2	20051	5
7/8	9586	10			

For more details please refer our Product Catalogue Page 86.





**HSS SOCKET REAMERS (ROUGHING/FINISHING)  
PARALLEL SHANK/TAPER SHANK**

**BS : 328  
(PART 4) 1983**

Morse Taper No.	Price Per Piece (Rs.)		MOQ (No.)	Morse Taper No.	Price Per Piece (Rs.)		MOQ (No.)
	Parallel Shank	Taper Shank			Parallel Shank	Taper Shank	
0	3464	4110	35	4	12759	15200	35
1	3811	4336	35	5	26008	27936	20
2	5307	6437	35	6	45895	63992	5
3	7715	9650	35				

RH Cutting with LH Spiral Flutes will be supplied as standard for Finishing Reamers  
RH Cutting with RH Spiral Flutes will be supplied as standard for Roughing Reamers  
For more details on these products, please refer our Product Catalogue Page 81.



**HSS TAPER PIN REAMERS (TAPER 1 IN 50)  
HAND / MACHINE**

**IS : 5881-1984  
IS : 5918-1984**

Dia Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Price Per Piece (Rs.)		MOQ (No.)
	Hand	Machine			Hand	Machine	
3	3240	3240	20	16	7340	7340	10
4	3240	3240	20	20	11413	11413	10
5	3240 **	3240	20	25	12111	12111	10
6	3240 *	3240	20	30	16296	16296	10
8	4385 **	4385	20	32	17904	17904	10
10	4864 **	4864	20	40	32016	32016	5
12	5871 **	5871	15	50	55487	55487	3
14	6592	6592	15				

14 mm will be as per IS : 1836-1961

RH Cutting Straight Flutes will be supplied as standard for Hand Taper Pin Reamers.

RH Cutting with LH Helical Flutes will be supplied as standard for Machine Taper Pin Reamers.

For more details please refer our Product Catalogue Pages 82 and 84.



**HSS TAPER PIN REAMERS (TAPER 1 IN 48)  
HAND / MACHINE**

**BS : 328 (PART 4) 1983**

Dia Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Price Per Piece (Rs.)		MOQ (No.)
	Hand	Machine			Hand	Machine	
9/64	3018		25	3/8	4208 **	4208	25
5/32	3018	3018	25	13/32	4722	4722	25
11/64	3018	3018	25	7/16	4861	4861	25
3/16	3018	3018	25	1/2	5494	5494	25
7/32	3018	3018	25	9/16	6352	6352	25
1/4	3018 **	3018	25	5/8	7065	7065	25
9/32	3303	3303	25	3/4	8907	8907	20
5/16	3658	3658	25	7/8	10990	10990	20
11/32	4127	4127	25				

RH Cutting with Straight Flutes will be supplied as standard for Hand Taper Pin Reamers.  
RH Cutting with LH Helical Flutes will be supplied as standard for Machine Taper Pin Reamers.  
For more details please refer our Product Catalogue Pages 83 & 85.

**HSS CENTRE REAMERS RH ROTATION WITH STRAIGHT FLUTES BS : 122 (PART 2) 1964**

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	1604	20	5/8	3092	20
3/8	1844	20	3/4	3551	20
1/2	2273	20			

For more details please refer our Product Catalogue Page 87.



### HSS CYLINDRICAL CUTTERS

IS : 6309 - 1982

Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)
40	(20)	3627	3	80	80	17587	3
	(32)	4533	3		100	20246	3
	(50)	5643	3	100	(40)	14613	2
	(70)	7564	3		(70)	22135	2
50	(25)	4647	3	100	(90)	27426	2
50	40	5503	3		(110)	38528	2
	63	7204	3		125	46934	2
	80	9348	3	125	(50)	32991	2
63	(32)	6616	3		(80)	46797	2
63	50	8342	3	125	(110)	62978	2
	70	10978	3		(125)	70455	2
	(90)	12890	3		140	78363	2
80	(36)	9348	3	160	125	117230	2
	63	14863	3				

Type-N Cutters with Right Hand Helix will be supplied as Standard.

Bracketed sizes are as per IS 1831-1961/IS 6309-1971

### HSS HIGH POWER CYLINDRICAL CUTTERS WITH LEFT HAND HELIX

TO BS : 122  
(PART 1) 1953

Length Inch	Price Per Piece (Rs.)									
	2-1/2"	MOQ (No.)	3"	MOQ (No.)	3-1/2"	MOQ (No.)	4"	MOQ (No.)	4-1/2"	MOQ (No.)
1	5913	3	7456	3	8261	3	10446	3	15063	3
2	8754	3	11472	3	13775	3	18285	3	25294	3
3	11646	2	15586	2	19234	2	26110	2	35728	2
4	14509	2	19809	2	24764	2	33278	2	46797	2
5	17495	2	27856	2	36417	2	46202	2	57615	2
6	20474	2	35477	2	43335	2	54012	2	68469	2
7	23360	2	41388	2	50339	2	64392	2	80173	2
8	27353	2	47276	2	57344	2	73345	2	90343	2

### HSS HELICAL CYLINDRICAL CUTTERS WITH LEFT HAND HELIX

BS : 122  
(PART 1) 1953

Length Inch	Price Per Piece (Rs.)						Length Inch	Price Per Piece (Rs.)					
	3"	MOQ (No.)	4"	MOQ (No.)	5"	MOQ (No.)		3"	MOQ (No.)	4"	MOQ (No.)	5"	MOQ (No.)
2	16497	3	24223	3	40398	3	5	40572	2	59695	2	82333	2
3	20882	2	32403	2	54419	2	6	51446	2	70242	2	96531	2
4	28082	2	41264	2	68487	2							

For more details please refer our Product Catalogue Page no. 108 to 110.



### HSS SIDE AND FACE CUTTERS

### IS : 6308 - 1982 - TOOL TYPE-N

Dia mm	Width mm	Bore mm	Price Per Piece (Rs.)		MOQ (No.)	Dia mm	Width mm	Bore mm	Price Per Piece (Rs.)		MOQ (No.)
			Straight Teeth Type B	Staggered Teeth Type A					Straight Teeth Type B	Staggered Teeth Type A	
50	5	16	4251	5286	4	150	28		32074	40191	4
	6		4419	5503	4		32		34474	43847	4
	8		4533	5654	4	160	6	40	18924	21133	3
	10		4815	6017	4		8		20111	22470	3
63	6	22	5208	6731	4		10		21304	23799	3
63	8	22	5503 **	7344	4	160	12	40	22475	25096	3
	10		5983 **	7564	4		14		23658	26439	3
	12		6242	8150	4		16		25052	27761	3
	14		6430	8743	4		18		26828	30717	3
	16		6746	9432	4		20		28167	30717	3
63	18	22	7193	9710	4	160	22	40	29828	34049	3
80	6	27	5702	7156	4		25		32193	39482	3
	8		6319	7788	4		28		34474	41109	3
	10		6746	8910	4		32		37523	44822	3
	12		7193	9432	4	200	6	40	24764	27466	3
80	14	27	7650	10118	4	200	8	40	26719	29581	3
	16		8003	10325	4		10		28918	32510	3
	18		8910	11693	4		12		33424	36753	3
	20		9297	12263	4		14		35602	39325	3
100	6	32	8150	9883	4		16		37802	41939	3
100	8	32	8711	10577	4	200	18	40	42188	47555	3
	10		9631	11336	4		20		42646	49006	3
	12		10325 **	12602	4		22		46568	53304	3
	14		10937	12890	4		25		50951	58537	3
	16		11693	13907	4		28		53643	62172	3
100	18	32	12470	14296	4	200	32	40	59625	69682	3
	20		13428	15096	4	225	6		31898	34595	3
	22		14058	17262	4		8		34820	38082	3
	25		15275	18819	4		10		37903	41021	3
125	6	32	11426	14176	4		12		44124	48153	3
125	8	32	12263	15275	4	225	14		47301	52064	3
	10		13138	17772	4		16		50534	55931	3
	12		14974	18452	4		18		57007	64819	3
	14		16222	19713	4		20		57007	64819	3
	16		16908	20474	4		22		62932	71777	3
125	18	32	18133	23352	4	225	25		68917	78502	3
	20		18777	25193	4		28		75038	84849	3
	22		20735	27377	4		32		81152	91161	3
	25		22674	28469	4	250	6		36608	40107	3
	28		25531	32590	4		8		40343	43618	3
150	6		13907	17882	4	250	10		43825	47081	3
	8		15127	19345	4		12		51261	56137	3
	10		16412	20845	4		14		55495	60488	3
	12		19009	24011	4		16		59584	64819	3
	14		20330	25531	4		18		67352	74986	3
150	16		21661	27079	4	250	20		67352	74986	3
	18		24322	30036	4		22		74535	83096	3
	20		24322	30036	4		25		82177	90489	3
	22		27004	33280	4		28		89331	100123	3
	25		29605	36653	4		32		96409	109795	3

For more details please refer our Product Catalogue Page no. 111 to 114.



### HSS SIDE AND FACE CUTTERS

### BS : 122 (PART 1) - 1953

Dia Inch	Width Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Width Inch	Price Per Piece (Rs.)		MOQ (No.)	
		Straight Teeth Type B	Staggered Teeth Type A				Straight Teeth Type B	Staggered Teeth Type A		
2.1/2	1/4	5208		4	5	5/16	12263	15275	4	
	5/16	5455		4		3/8	13138	17772	4	
	3/8	5702		4		7/16	14058	18086	4	
	7/16	5958		4		1/2	14974	18452	4	
	1/2	6215		4		5/8	16908	20474	4	
2.1/2	5/8	6662		4	5	3/4	18777	23360	4	
	3/4	7115		4		7/8	20735	27079	4	
	7/8	7593		4		1	22674	28469	4	
	1	8127		4		1.1/4	26187		4	
	1.1/4	9135		4		1.1/2	29792		4	
2.1/2	1.1/2	10178		4	6	1/4	13907	17882	3	
	3	5772	7247	4		5/16	15127	19345	3	
	5/16	6065	7707	4		3/8	16412	20845	3	
	3/8	6430	8612	4		7/16	17709	22402	3	
	7/16	6731	8754	4		1/2	19009	24011	3	
3	1/2	7085	8910	4	6	5/8	21654	27079	3	
	5/8	7770	9976	4		3/4	24322 **	30036	3	
	3/4	8342	10598	4		7/8	27004	33280	3	
	7/8	9283	11556	4		1	29605	36631	3	
	1	10033	12470	4		1.1/4	34474	0	3	
3	1.1/4	11077		4	6	1.1/2	39325	0	3	
	1.1/2	12658		4		7	1/4	20620	23360	3
3.1/2	1/4	6857		4		5/16	22312	26811	3	
	5/16	7247		4		3/8	24006	28919	3	
	3/8	7707		4		7/16	25612	30367	3	
3.1/2	7/16	8164		4	7	1/2	27664	31742	3	
	1/2	8563		4		5/8	30972	37228	3	
	5/8	9491		4		3/4	34349	41643	3	
	3/4	10396		4		7/8	37763	45815	3	
	7/8	11209		4		1	41135	49908	3	
	1	12328		4		7	1.1/4	47861		3
3.1/2	1.1/4	13946		4		1.1/2	54664		3	
	1.1/2	15718		4		8	1/4	24764	27503	3
	4	8127	9883	4		5/16	26719	29581	3	
4	5/16	8711	10577	4		3/8	28918	32510	3	
	3/8	9297 **	11209	4		7/16	31167	34633	3	
	7/16	9883	11893	4		1/2	33424	36753	3	
	1/2	10325 **	12602	4		5/8	37802	41939	3	
	5/8	11693	13907	4		3/4	42188	47700	3	
	3/4	12890	15870	4		7/8	46568	53304	3	
4	7/8	14058	17262	4	8	1	50951	58522	3	
	1	15275	18819	4		1.1/4	59615		3	
	1.1/4	17359		4		1.1/2	68279		3	
	1.1/2	19123		4		9	1/4	31898	35234	3
5	1/4	11426		4		5/16	34820	38082	3	

For more details please refer our Product Catalogue Page no. 111 to 114.



### HSS SIDE AND FACE CUTTERS

### BS : 122 (PART 1) - 1953

Dia Inch	Width Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Width Inch	Price Per Piece (Rs.)		MOQ (No.)
		Straight Teeth Type B	Staggered Teeth Type A				Straight Teeth Type B	Staggered Teeth Type A	
9	3/8	37903	41021	3	10	5/16	40343	43618	3
	7/16	40851	45148	3		3/8	43825	47081	3
	1/2	44125	48213	3		7/16	47098	49251	3
	5/8	50534	55931	3		1/2	51261	56137	3
	3/4	55989	64819	3		5/8	59584	64819	3
9	7/8	62932	71777	3	10	3/4	67352	74986	3
	1	68917	74513	3		7/8	74538	83096	3
	1.1/4	81152	91161	3		1	82180	90489	3
	1.1/2	93419	104199	3		1.1/4	96409	109795	3
	1.3/4	114558	127097	3		1.1/2	111793	126158	3
10	1/4	36608	40107	3	1.3/4	135761	151601	3	

For more details please refer our Product Catalogue Page no. 111 to 114.

### HSS KEYWAY MILLING CUTTERS

### IS : 6355 - 1982

Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (Nos)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (Nos)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (Nos)
50	5	3857	4	100	6	7456	2	160	12	21678	2
	6	4170	4		8	8002	2		14	23098	2
	8	4424	4		10	8711	2		16	24731	2
	10	4619	4		12	9491	2		18	26320	2
63	5	4524	4		14	10208	2		20	28082	2
63	6	4524	4	100	16	10985	2	160	22	29902	2
	8	4736	4		18	11624	2		25	32462	2
	10	5208	4		20	11881	2		28	34277	2
	12	5654	4		22	13270	2		32	38790	2
	14	5983	4		25	14176	2		200	12	31878
63	16	6430	4	125	8	11426	2	200	14	33680	2
	18	6911	4		10	12497	2		16	35818	2
80	5	6330	2		12	13629	2		18	38341	2
	6	6330	2		14	15024	2		20	41043	2
	8	6746	2		16	16021	2		22	44101	2
80	10	7200	2	125	18	17359	2	200	25	47545	2
	12	8063	2		20	18384	2		28	51523	2
	14	8711	2		22	19582	2		32	57350	2
	16	9257	2		25	21438	2		36	63172	2
	18	9780	2		28	23658	2		40	69168	2
80	20	10396	2	160	10	20590	2				

### RECOMMENDED STANDARD BORES IN MM

Dia	Bore	Dia	Bore	Dia	Bore
50	16	100	32	160	40
63	22	125	32	200	40
80	27				

For more details please refer our Product Catalogue Page no. 118



### HSS SLOTTING CUTTERS

BS : 122 (PART 1) 1953

Dia Inch	Width Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Width Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Width Inch	Price Per Piece (Rs.)	MOQ (No.)
2.1/2	1/4	3134	4		5/16	4904	3		5/16	9432	3
	5/16	3396	4	3 1/2	3/8	5302	3		3/8	10260	3
	3/8	3632	4		7/16	5702	3	5	7/16	11125	3
	7/16	3834	4		1/2	6113	3		1/2	11985	3
	1/2	4051	4		5/8	6960	3		5/8	13629	3
2.1/2	5/8	4533	4		3/4	7564	3		3/4	14974	3
	3/4	4854	4	3 1/2	7/8	8164	3		7/8	16344	3
	7/8	5193	4		1	8754	3	5	1	17709	3
	1	5503	4	4	3/16	5386	3	6	1/4	11125	3
3	1/4	3582	4		1/4	5386	3		5/16	12330	3
3	5/16	3857	4		5/16	6017	3		3/8	13521	3
	3/8	4148	4	4	3/8	6566	3		7/16	14731	3
	7/16	4533	4		7/16	7650	3	6	1/2	15958	3
	1/2	4763	4		1/2	7707	3		5/8	18380	3
	5/8	5363	4		5/8	9633	3		3/4	20382	3
3	3/4	5843	4		3/4	9780	3		7/8	22402	3
	7/8	6450	4	4	7/8	11258	3		1	24492	3
	1	7115	4		1	11593	3				
3.1/2	1/4	4468	3	5	1/4	8612	3				

For more details please refer our Product Catalogue Page no. 115.

### HSS SINGLE ANGLE CUTTERS RH CUTTERS IN TYPE-H

IS : 6324 - 1971

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
50	12	16	60, 65, 70	4014	3	80	32	22	70, 75, 80	9348	3
			75, 80, 85								
63	18	22	60, 65, 70	5983	3	100	36	27	70, 75, 80	14027	3
			75, 80, 85								
63	26	22	70, 75, 80	7115	3						

### HSS SINGLE ANGLE CUTTERS RH CUTTERS

BS : 122 (PART 1) 1953

Width	Angle	Price Per Piece (Rs.) Dia Inch		MOQ (No.)	Width	Angle	Price Per Piece (Rs.) Dia Inch		MOQ (No.)
Inch	(Degrees)	2-3/4"	3"		Inch	(Degrees)	2-3/4"	3"	
5/16	30	4978	5503	3	1/2"	45, 50, 55, 60, 65, 70, 80	5772	6516	3
7/16	40	5455	6223	3	5/8"	50,60,65,70,80	6431	6915	3

Price for LH Cutters will be same as above.

For more details please refer our Product Catalogue Page no. 120.



**HSS DOUBLE ANGLE CUTTERS  
RH CUTTERS WITH TYPE-H**

**IS: 6325 - 1971**

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
50	12	16	12 x 55, 15 x 60	4419	4
			65, 70, 75 & 80		4
63	18	22	12 x 55, 15 x 60	6043	4
			65, 70, 75 & 80		4
50	14	16	20 x 90	4815	4
63	20	22	20 x 90	6330	4
50	16	16	25 x 100	5208	4
63	22	22	25 x 100	6846	4
80	32	22	15 x 65, 70, 75	9348	3
100	36	27	15 x 70, 75, 80	14027	3

**HSS DOUBLE ANGLE CUTTERS RH CUTTERS**

**BS 122 (PART 1) 1953**

Dia Inch	Width Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Width Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)
Angle in Degrees : 12 x 48, 53, 63, 68, 73					Angle in Degrees : 12 x 48, 53, 63, 68, 73				
2-3/4	5/8	1	5771	3	3	5/8	1-1/4	7200	3
	3/4	1	6959	3		3/4	1-1/4	7247	3

For more details please refer our Product Catalogue Page nos. 121 & 122.

**HSS EQUAL ANGLE CUTTERS RH CUTTERS**

**BS 122 (PART 1) 1953**

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
50	8	16	45	3889	3	80	12	27	45	5812	3
50	10	16	60	4061	3	80	18	27	60	6584	3
50	14	16	90	4578	3	80	22	27	90	7456	3
63	10	22	45	4736	3	100	18	32	45	9187	3
63	14	22	60	5242	3	100	25	32	60	10746	3
63	20	22	90	6061	3	100	32	32	90	12575	3

**HSS EQUAL ANGLE CUTTERS (TYPE-H) TO OLD SPECIFICATION**

**IS : 6326 - 1971**

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
56	10	16	45	4419	3	80	16	22	45	6319	3
56	12	16	60	4619	3	80	20	22	60	6857	3
56	14	16	90	4977	3	80	22	22	90	7456	3
63	12	22	45	4977	3	100	18	27	45	9187	3
63	16	22	60	5503	3	100	25	27	60	10746	3
63	18	22	90	5772	3	100	28	27	90	11646	3

**HSS EQUAL ANGLE CUTTERS**

**BS 122 (PART 1) 1953**

Dia Inch	Width Inch	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Width Inch	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
2.3/4	5/16	30, 40	4977	3	3	5/16	30, 40	5503	3
2.3/4	7/16	40	5208	3	3	7/16	30, 40	5772	3
2.3/4	1/2	45, 60, 90	5208	3	3	1/2	45, 60, 90	5772	3
2.3/4	5/8	60, 90	5772	3	3	5/8	60, 90	6319	3

For more details please refer our Product Catalogue Page no. 123.





### HSS CONVEX CUTTERS (TYPE-N)

IS: 6323 - 1982

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
50	3.2	1.6	16	5302	2	80	12.6	6.3	27	8736	2
50	4	2	16	5302	2	80	16	8	27	9589 **	2
63	5	2.5	22	6662	2	100	20	10	32	14716	2
63	6	3	22	6662	2	100	24	12	32	16237	2
63	6.3	3.15	22	6662	2	100	25	12.5	32	17171	2
63	8	4	22	6662	2	125	32	16	32	28380	2
63	10	5	22	7344	2	125	40	20	32	34196	2
80	12	6	27	8736	2						

For more details please refer our Product Catalogue Page no. 124.

### CONVEX CUTTERS (TYPE-N) TO OLD IS SPECIFICATION with the following dimensions and prices :

IS : 6323 - 1971

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
50	3	1.5	22	5302	2	70	16	8	22	8711	2
50	3.2	1.6	22	5302	2	90	18	9	27	11646	2
50	4	2	22	5302	2	90	20	10	27	12263	2
56	5	2.5	22	6278	2	90	22	11	27	13514	2
56	6	3	22	6278	2	90	24	12	27	14482	2
63	6	3	22	6662	2	90	25	12.5	27	14974	2
63	8	4	22	6662	2	100	28	14	32	18471	2
63	10	5	22	7344	2	110	32	16	32	23360	2
70	12	6	22	7918	2	110	36	18	32	30836	2
70	14	7	22	8711	2	125	40	20	40	34196	2

### HSS CONCAVE CUTTERS (TYPE-N)

IS : 6322 - 1982

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
50	8	1.6	16	6330	2	80	24	6.3	27	13133	2
50	9	2	16	6621	2	80	32	8	27	15441	2
63	10	2.5	22	7265	2	100	36	10	32	21512	2
63	12	3	22	7822	2	100	40	12	32	22674	2
63	12	3.15	22	7822	2	100	40	12.5	32	22674	2
63	16	4	22	8048	2	125	50	16	32	47774	2
63	20	5	22	9444	2	125	60	20	32	51921	2
80	24	6	27	13052	2						

For more details please refer our Product Catalogue page no. 126.


**HSS CONCAVE CUTTERS (TYPE-N) TO OLD IS SPECIFICATION**
**IS 6322-1971**

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
56	8	1.5	22	6662	2	90	40	10	27	20474	2
56	8	1.6	22	6662	2	100	42	11	27	23879	2
56	9	2	22	7001	2	100	44	12	27	24680	2
56	10	2.5	22	7200	2	100	46	12.5	27	25161	2
63	14	3.5	22	8063	2	100	50	14	27	27687	2
70	24	6	22	11258	2	125	56	16	32	38113	2
70	28	7	22	11815	2	125	62	18	32	51921	2
90	36	9	27	18452	2	125	70	20	32	54664	2

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

Dia Inch	D.O.C. Inch	Bore Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	D.O.C. Inch	Bore Inch	Price Per Piece (Rs.)		MOQ (No.)
			Convex	Concave					Convex	Concave	
2.1/4	1/8	1	5643	6662	2	3	3/4	1	10178	14698	2
2.1/4	3/16	1	6017	6908	2	3.1/4	13/16	1	11516	17587	2
2.1/4	1/4	1	6288	7361	2	3.1/4	7/8	1	12263	17882	2
2.1/2	5/16	1	6662	8063	2	3.1/2	15/16	1	13735	20926	2
2.1/2	3/8	1	7099	8743	2	3.1/2	1	1	14366	21221	2
2.1/2	7/16	1	7357	9444	2	4	1.1/8	1.1/4	18471	25944	2
2.1/2	1/2	1	7921	10071	2	4	1.1/4	1.1/4	20330	27687	2
2.3/4	9/16	1	8063	11815	2	4.1/4	1-3/8	1.1/4	27979	36485	2
2.3/4	5/8	1	8754	12112	2	4.1/4	1-1/2	1.1/4	30267	41810	2
3	11/16	1	9710	14472	2						

For more details please refer our Product Catalogue pages no. 125 & 127.

**HSS SINGLE CORNER ROUNDING CUTTERS  
(RH CUTTERS AND TYPE-N)**
**IS : 6314 - 1982**

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
50	5	1.6	16	5363	2	80	12	6.3	27	9400	2
50	5	2	16	5363	2	80	16	8	27	10118	2
63	5	2.5	22	6517	2	100	18	10	32	20019	2
63	6	3	22	6517	2	100	20	12	32	20872	2
63	6	3.15	22	6517	2	100	20	12.5	32	20872	2
63	8	4	22	6819	2	125	24	16	32	28173	2
63	10	5	22	7265	2	125	28	20	32	32711	2
80	12	6	27	9400	2						

For more details please refer our Product Catalogue page no. 125.



**HSS SINGLE CORNER ROUNDING CUTTERS (RH CUTTERS AND TYPE-N)  
TO OLD IS SPECIFICATION**

**IS : 6314 - 1971**

Dia mm	Corner Radius mm	Width mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Corner Radius mm	Width mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
56	1.6	4	22	5643	2	100	11	21	27	21519	2
56	2.0	4.5	22	5643	2	100	12	22	27	21519	2
56	2.5	5	22	5643	2	100	12.5	22	27	21519	2
63	3.5	7	22	6819	2	100	14	25	27	22792	2
70	6.0	12	22	7770	2	100	16	28	32	24494	2
70	7.0	14	22	8164	2	100	18	31	32	31306	2
90	9.0	18	27	12215	2	125	20	35	32	33294	2
90	10.0	20	27	13270	2						

**HSS SINGLE CORNER ROUNDING CUTTERS  
HSS DOUBLE CORNER ROUNDING CUTTERS**

**BS : 122 (PART 1) 1953**

Dia Inch	Corner Radius Inch	Bore Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Corner Radius Inch	Bore Inch	Price Per Piece (Rs.)		MOQ (No.)
			Single Corner	Double Corner					Single Corner	Double Corner	
2.1/4	1/16	1	5913	8357	2	3	3/8	1	9790	13953	2
2.1/4	3/32	1	5913	8357	2	3.1/4	13/32	1	11088	16021	2
2.1/4	1/8	1	5913	8357	2	3.1/4	11/16	1	11088	16021	2
2.1/2	5/32	1	6662	9400	2	3.1/2	15/32	1	13178	19345	2
2.1/2	3/16	1	6662	9400	2	3.1/2	1/2	1	13178	19345	2
2.1/2	7/32	1	7042	10071	2	3.1/2	9/16	1	14509	21639	2
2.1/2	1/4	1	7042	10071	2	3.1/2	5/8	1	14509	21639	2
2.3/4	9/32	1	8261	11984	2	3.3/4	11/16	1	21343	30573	2
2.3/4	5/16	1	8261	11984	2	3.3/4	3/4	1	21343	30573	2
3	11/32	1	9790	13954	2						

For more details please refer our Product Catalogue page nos. 129 & 130.



## HSS INVOLUTE GEAR CUTTERS

14.1/2 & 20 DEG PA

BS : 2518 - 1954

Module mm	Price Per Piece (Rs.)						
	22 mm Bore	1" Bore	27 mm Bore	32 mm Bore	40 mm Bore	50 mm Bore	MOQ (No.)
0.5	-	3565	-	-	-	-	2
0.75	-	3565	-	-	-	-	2
1	3565	3565	-	-	-	-	2
1.25	3745		-	-	-	-	2
1.5	4092	4092	-	-	-	-	2
1.75	4092		4593	5216	-	-	2
2	-	4593	4593	5216	-	-	2
2.25	-	4593	4593	5216	-	-	2
2.5	-	5065	5065	5898	-	-	2
2.75	-	5065	5065	5898	-	-	2
3	-	5470	5470	6909	-	-	2
3.25	-		5750	7277	-	-	2
3.5	-	6043	6043	7410	-	-	2
3.75	-		6831	8095	-	-	2
4	-	6831	6831	7674	-	-	2
4.5	-	-	8176	10152	-	-	2
5	-	-	8586	10310	-	-	2
5.5	-	-	10310	11491	-	-	2
6	-	-	12880	13072	-	-	2
6.5	-	-	14722	15551	-	-	2
7	-	-		16356	-	-	2
8	-	-	-	18867	-	-	2
9	-	-	-	28973	28973	33028	2
10	-	-	-	31682	32840	35534	2
11	-	-	-	34385	37785	39611	2
12	-	-	-	36585	39611	41731	2
14	-	-	-	46079	46981	51684	2
16	-	-	-	-	-	64720	2

For more details please refer our Product Catalogue page no. 131.



**HSS INVOLUTE GEAR CUTTERS  
14.1/2 & 20 DEG PA**

**BS : 2518 - 1954**

D.P. No.	Price Per Piece (Rs.)					D.P. No.	Price Per Piece (Rs.)				
	Bore in Inch						Bore in Inch				
	2	1.1/2	1.1/4	1	MOQ		2	1.1/2	1.1/4	1	MOQ
1.5	64720	-	-	-	2	11	-	-	5216	4593	2
1.75	51682	51682	46737	-	2	12	-	-	-	4526	2
2	41731	39611	36585	-	2	13	-	-	-	4092	2
2.25	39611	37785	34385	-	2	14	-	-	-	4092	2
2.5	35534	32840	31682	-	2	15	-	-	-	4092	2
2.75	33028	28973	28973	-	2	16	-	-	-	3748	2
3	-	-	18867	-	2	18	-	-	-	3748	2
4	-	-	13072	12880	2	20	-	-	-	3565	2
5	-	-	10310	8586	2	22	-	-	-	3565	2
6	-	-	7670	6831	2	24	-	-	-	3565	2
7	-	-	7410	6043	2	26	-	-	-	3565	2
8	-	-	6911	5470	2	28	-	-	-	3565	2
9	-	-	5898	5065	2	30	-	-	-	3332	2
10	-	-	5787	5014	2						

**STANDARD CUTTERS GROUP**

**(8 CUTTERS)**

Cutters Group	Inclusive Range of Teeth/For Spur Gears	Cutters Group	Inclusive Range of Teeth/For Spur Gears
1	135 to Rack	5	21 to 25
2	55 to 134	6	17 to 20
3	35 to 54	7	14 to 16
4	26 to 34	8	12 & 13

For more details please refer our Product Catalogue page nos. 134 & 135.

**HSS ROTARY FORM CUTTERS  
FOR ROLLER CHAIN WHEELS**

**BS : 228 - 1962**

Pitch Inch	Roller Dia Inch	Price Per Piece (Rs.)			MOQ (No.)	Pitch Inch	Roller Dia Inch	Price Per Piece (Rs.)			MOQ (No.)
		Cutter No						Cutter No			
		1	2	3			1	2	3		
0.315	0.197	9432	9432	9432	2	0.75	0.475	16497	16497	16784	2
0.375	0.25	9314	9780	9780	2	1	0.625	31975	31975	31160	2
0.5	0.305	11048	11048	11048	2	1.25	0.75	37504	34687	34687	2
0.5	0.335	11048	11048	11048	2	1.5	1	37763	37504	38977	2
0.625	0.325	11048	11048	11048	2	1.75	1.1	51014	50436	50096	2
0.625	0.4	12381	12381	12381	2	2	1.15	74719	68725	66758	2

Cutter No.

1 - to Cut 9 to 12 Teeth, 2. - to cut 13 to 19 Teeth, 3. to cut 20 Teeth and above

Recommended Standard Bores: Up to 0.75" Pitch - 1",

1" to 1.5" Pitch - 1-1/4, 1.75" & 2 - 1-3/4"

For more details please refer our Product Catalogue page nos. 136 & 137.



**HSS SHELL END MILLS RH HELICAL FLUTES FOR RH CUTTING WITH TOOL TYPE-N**

**IS : 6257 - 1982**

Dia mm	Length mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Length mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
40	32	16	6857	4	100	50	32	24764	3
50	36	22	8342 **	4	125	56	40	41521	3
63	40	27	10978 **	4	160	63	50	78363	3
80	45	27	16222	3					

**HSS SHELL END MILLS RH HELICAL FLUTES FOR RH CUTTING**

**BS : 122 (PART 1) 1953**

Dia Inch	Length Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Length Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)
1.1/4	1	1/2	4718	4	3	1.3/4	1.1/4	14472	4
1.1/2	1.1/8	1/2	5772	4	3.1/2	1.7/8	1.1/4	18044	3
1.3/4	1.1/4	3/4	6857	4	4	2.1/4	1.1/2	26538	3
2	1.3/8	3/4	7794	4	4.1/2	2.1/4	1.1/2	31816	3
2.1/4	1.1/2	1	9400	4	5	2.1/4	1.1/2	41521	3
2.1/2	1.5/8	1	10933	4	5.1/2	2.1/4	2	48569	3
2.3/4	1.5/8	1	12431	4	6	2.1/4	2	56016	3

For more details please refer our Product Catalogue Page no. 138.

**HSS FACE CUTTERS RH HELICAL FLUTES FOR RH CUTTING**

**BS : 122 (PART 1) 1953**

Dia Inch	Length Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Length Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)
1.3/4	1.1/4	3/4	5914	4	3	1.11/16	1.1/8	12328	4
2	1.1/4	3/4	6819	4	4	1.3/4	1.1/8	20620	3
2.1/2	1.1/4	3/4	8612	4	5	2	1.1/2	34687	3

For more details please refer our Product Catalogue Page no. 140.

**HSS HOLLOW MILLS RH HELICAL FLUTES FOR RH CUTTING**

**BS : 122 (PART 1) 1953**

Bore Dia Inch	O.S. Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Bore Dia Inch	O.S. Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	5/8	3134	5	5/8	1.1/4	7475	5
9/32	3/4	3737	5	11/16	1.1/2	7475	5
5/16	3/4	3737	5	3/4	1.1/2	5983	5
11/32	3/4	3737	5	13/16	1.1/2	5983	5
3/8	1	4051	5	7/8	1.3/4	7475	5
7/16	1	5983	5	15/16	1.3/4	7475	5
1/2	1	5983	5	1	1.3/4	7475	5
9/16	1.1/4	7475	5				

For more details please refer our Product Catalogue Page no. 118



**HSS WOODRUFF KEYSLOT CUTTERS TYPE 'A'  
STRAIGHT TEETH**

**IS : 2669 - 1971**

Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)
10.5	2	1864	35	16.5	5	2951 **	30	28.5	6	5443 **	15
10.5	2.5	1864	35	19.5	4	2951	30	28.5	8	5443	15
10.5	3	1864	35	19.5	5	2951	30	28.5	10	5443	15
13.5	3	2330	30	19.5	6	3354 **	30	32.5	7	6437	10
13.5	4	2330 **	30	22.5	5	3354	25	32.5	8	6437	10
16.5	3	2596 **	30	22.5	6	3354 **	25	32.5	10	6437	10
16.5	4	2596	30	22.5	8	3106	25	45.5	10	10932	10

For more details please refer our Product Catalogue Page no. 115.

**HSS CUTTERS FOR WOODRUFF KEYSEATS**

**BS : 122 (PART 1) 1953**

B.S. No.	Price Per Piece (Rs.)	MOQ (No.)	B.S. No.	Price Per Piece (Rs.)	MOQ (No.)	B.S. No.	Price Per Piece (Rs.)	MOQ (No.)
204	1988	30	607	3799	25	1210	6725	10
304	1988	30	807	3799	25	1011	8184	10
404	1988	30	608	4592 **	25	1211	8184	10
305	2756	30	808	4592	25	812	9246	10
405	2756	30	1008	4592	25	1012	9246	10
505	2756	30	609	5682	15	1212	9246	10
406	3236	30	809	5682 **	15			
506	3236	30	1009	5682	15			
606	3236	30	810	6725 **	10			
507	3799	25	1010	6725	10			

For more details please refer our Product Catalogue Pages no. 156 & 157.



**HSS 'T' SLOT CUTTERS WITH TAPER SHANK  
RH CUTTERS - TOOL TYPE-N**

**IS : 2668 - 2004**

Nom Size of T - Slot	Dia of Cutter	Price Per Piece (Rs.)	MOQ (No.)	Nom Size of T - Slot	Dia of Cutter	Price Per Piece (Rs.)	MOQ (No.)
10	18	7091	20	22	40	24854	15
12	21	7748	20	28	50	32218	10
14	25	14894	20	36	60	58059	5
18	32	18649	15	42	72	70458	3

**HSS 'T' SLOT CUTTERS  
RH CUTTERS - TOOL TYPE-N**

**BS : 122 (PART 1) 1953**

Dia Inch	Length Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Length Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	37/64	5697	20	7/8	1-45/64	21316	15
5/16	45/64	6424	20	1	1-61/64	26398	10
3/8	53/64	7024	20	1-1/8	2-1/8	34075	5
7/16	61/64	7445	20	1-1/4	2-5/16	40536	5
1/2	1-5/64	8993	20	1-3/8	2-1/2	50033	5
5/8	1-21/64	14557	15	1-1/2	2-3/4	64059	3
3/4	1-33/64	18076	15				

For more details please refer our Product Catalogue page nos. 159 & 160





### HSS TAPER SHANK COUNTER BORES

IS : 5710-1988

Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)
13.5	4023	15	28	13530	15	43	26130	10
14.5	4498	15	29	14264	15	46	29751	10
16.5	5161	15	31	15550	15	48	32293	3
17.5	5551	15	33	17815	10	51	36453	3
19.5	6556	15	34	18993	10	53	39605	3
20	6873 **	15	36	20641	10	55	43595	3
22	7866 **	15	37	21510	10	57	47899	3
23	9030	15	39	23306	10	59	53074	3
25	10932	15	41	25275	10	61	59131	3
26	12115 **	15						

Tools without Pilot will be supplied as Standard, unless specific Pilot size is given.

### HSS TAPER SHANK COUNTER BORES

IS : 5710-1988

Dia Inch	Pilot Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Pilot Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Pilot Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	1/8	2388	15	11/16	7/16	5551	15	1-1/4	3/4	15550	15
5/16	3/16	2715	15	3/4	1/2	6240	15	1-3/8	13/16	18993	10
3/8	7/32	3030	15	13/16	9/16	6920	15	1-1/2	7/8	22062	10
7/16	1/4	3135	15	7/8	5/8	7866 **	15	1-5/8	15/16	25288	10
1/2	5/16	3528	15	15/16	5/8	9246	15	1-3/4	1	28650	10
9/16	3/8	4388	15	1	3/4	10932	15	1-7/8	1 1/8	31824	3
5/8	7/16	4900	15	1-1/8	3/4	13529	15	2	1 1/4	35143	3

Size 9/16" Dia and above will be supplied with detachable pilots.

For more details please refer our Product Catalogue page nos. 88 & 89.

### HSS COUNTERSINKS WITH RH CUTTING AND STRAIGHT FLUTES TAPER SHANK (60 or 90 Degrees)

BS : 122 (PART 2) 1964

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/2	2648 **	15	1-1/8	8184	15	2	24594 **	3
5/8	3518 **	15	1-1/4	10302 **	15	2 1/4	27883	3
3/4	3986 **	15	1-3/8	12044	10	2 1/2	34603 **	3
7/8	5034	15	1-1/2	14273 **	10	2 3/4	40843	3
1	6331 **	15	1-3/4	21105 **	10	3	49395	3

For more details please refer our Product Catalogue Page no. 94.





**HSS END MILLS PARALLEL SHANK**  
**HSS END MILLS TAPER SHANK (TANGED END)**  
**HSS SLOT DRILLS PARALLEL SHANK**  
**HSS SLOT DRILLS TAPER SHANK (TANGED END)**

**IS: 6353 - 1991**  
**IS: 6354 - 1971**  
**IS: 6352 - 1991**  
**IS: 6388 - 1971**

Dia mm	Price Per Piece (Rs.)							
	M2 END MILLS				M2 SLOT MILLS			
	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)
3	862 *	50	1436	25	1047 **	50	1601	25
4	862 *	50	1436	25	1047 *	50	1601	25
5	862 *	50	1436	25	1047 **	50	1601	25
6	963 *	50	1436	25	1120 *	50	1601	25
7	1083 **	50	1436	25	1120 **	35	1601	25
8	1083 *	50	1436	25	1120 *	35	1760	25
9	1083 **	35	1554	25	1120	35	1760	25
10	1083 *	35	1554	25	1164 *	35	1796	25
11	1083 **	35	1709	25	1164	35	1796	25
12	1120 *	35	1709	25	1269 **	35	2005	25
13	1268 **	35	2361	25				
14	1388 *	35	2361	25	1624 **	35	2516	25
15	1624 **	35	2516	25	1826 **	35	2610	25
16	1624 *	35	2516	25	1826 **	35	2610	25
17	1773 **	35	3071	20				
18	1971 *	35	3071	20	2248 **	35	2994	25
19	1971 **	35	3546	20				
20	2181 *	35	3546	20	2248 **	25	2994	20
21	2447	35	3722	20	2621	25	3719	20
22	2475 *	35	3722	20	2621	25	3719	20
23	2684	30	4058	20	3109	25	4429	20
24	2684 **	30	4385	20	3109	25	4429	20
25	2885 *	30	4385	20	3109	25	4429	20
26	2993	20	5460	15	4428	20	6112	20
27	3521	20	6104	15				
28	4107 **	20	6104	15			6474	20
29	4107	20	6714	15				
30	4519 *	20	6714	15	5398 **	20	7764	20
31		20	6601	15				
32	4566	20	6601	15	5398 **	20	7764	20
33	5462	15	8620	10				

For more details please refer our Product Catalogue Pages 143 to 155.



**HSS END MILLS PARALLEL SHANK**  
**HSS END MILLS TAPER SHANK (TANGED END)**  
**HSS SLOT DRILLS PARALLEL SHANK**  
**HSS SLOT DRILLS TAPER SHANK (TANGED END)**

**IS: 6353 - 1991**  
**IS: 6354 - 1971**  
**IS: 6352 - 1991**  
**IS: 6388 - 1971**

Dia mm	Price Per Piece (Rs.)							
	M2 END MILLS				M2 SLOT MILLS			
	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)
34	5956	15	9455	10	6492	15	10059	15
35	5956 **	15	9455	10	6492	15	10059	15
36	6492 **	15	10362	10	6970	15	11729	15
37	6996	15	11300	10				
38	7457	15	11300	10	7517	15	11729	15
39	7911	15	13137	10				
40	8400 **	15	13137	10	8047	7	13387	10
41	8400	15	13137	10	9101	7		
42	9561	10	14444	10	9101	7		
43	9561	10	14444	10	10118	7		
44		10	15093	10	10118	7		
45	10713	10	16231	10	10118	7		
46	10713	10	16612	10	11235	7		
47	11786	10	17208	5	11235	7		
48	11786	5	17208	5	11235	7		
49	11786	5	19352	5	12320	7		
50	12964 **	5	19352	5	12320	7		
51	12964	5	19352	5				
52	15958	5	27114	4				
53	15958	5	27114	4				
54	18907	5	34257	4				
55	22734	5	34257	4				
56	22734	5	34257	4				
57	26439	5	35956	4				
58	26439	5	35956	4				
59	26439	5	35956	4				
60	28230	5	35956	4				
61	28230	5	43114	4				
62	28893	5	43114	4				
63	29387	5	43114	4				

For more details please refer our Product Catalogue Pages 143 to 155.


**HSS PARALLEL SHANK END MILLS / SLOT DRILLS**
**BS - 122 (PART 1) 1953**
**HSS TAPER SHANK END MILLS / SLOT DRILLS (TANGED END)**

Dia mm	Price Per Piece (Rs.)							
	M2 END MILLS				M2 SLOT MILLS			
	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)
1/8	862	50	1339	25	1047	50	1438	25
5/32	862	50	1339	25	1047	50	1438	25
3/16	862 **	50	1339	25	1047	50	1438	25
7/32	864	50	1373	25	1117	50	1575	25
1/4	963 **	50	1373	25	1120	50	1659	25
9/32	992	50	1373	25				–
5/16	1083 **	50	1373	25	1120	35	1760	25
3/8	1083 **	35	1492	25	1120	35	1760	25
7/16	1083	35	1513	25	1144	35	1796	25
1/2	1120 **	35	1709	25	1269	35	2005	25
9/16	1388	35	2361	25	1624	35	2516	25
5/8	1624 **	35	2516	25	1826	35	2610	25
11/16	1816	35	2836	20	2066	35	2840	25
3/4	1971 **	35	2994	20	2248	25	2994	20
13/16	2181	35	3404	20	2621	25	3719	20
7/8	2475	35	3726	20	2621	25	3719	20
15/16		–	4044	20		–		–
1	2885	30	4352	20	3109	25	4429	20
1-1/8	4107	15	6066	15	4428	20	6474	20
1-1/4	4932	15	7129	15	5398	20	7764	20
1-3/8	5956	10	9455	10	6492	15	10059	15
1-1/2	6970	10	11300	10	7517	15	11729	15
1-5/8	8400	10	13137	10	9307	7	–	–
1-3/4	10713	5	15093	10	10118	7	–	–
1-7/8	11813	5	17208	5	11235	7	–	–
2	12935	5	19352	5	12318	7	–	–
2-1/16	15958	5		–	–	–	–	–
2-1/8	18907	5	26815	5	–	–	–	–
2-3/16	22734	5		–	–	–	–	–
2-1/4	24595	5	34257	–				
2-5/16	26439	5		–				
2-3/8	28230	5	37384	–	–	–	–	–
2-1/2	31828	5	39920	–	–	–	–	–

For More details refer our Product Catalogue Pages 143 to 155.



**M42 PARALLEL SHANK END MILLS  
BS 122 – PART I – 1953**

**IS - 6353-1991**

Size		Price Per Piece (Rs.)		MOQ (No.)	Size		Price Per Piece (Rs.)		MOQ (No.)
mm	Inch	CC	CCTC		mm	Inch	CC	CCTC	
3		1648	1939	15	31		12477	14684	10
(3.17)	1/8	1648	1939	15	(31.75)	1.1/4	12477	14684	10
(3.97)	5/32	1648	1939	15	32		12477	14684	10
4		1648	1939	15	33		12477	14684	10
(4.76)	3/16	1648	1939	15	34		12477	14684	10
5		1648	1939	15	(34.92)	1.3/8	12477	14684	10
(5.56)	7/32	1648	1939	15	35		12477	14684	10
6		1648	1939	15	36		12477	14684	10
(6.35)	1/4	1648	1939	15	37		13449	15813	10
7		1861	2183	15	38		14331	16858	10
(7.14)	9/32	1861	2183	15	(38.10)	1.1/2	14331	16856	10
(7.94)	5/16	1861	2183	15	39		14908	17544	10
8		1861	2183	15	40		15844	18636	10
9		1861	2183	15	41		20205	23773	10
(9.52)	3/8	1861	2183	15	(41.27)	1.5/8	20205	23773	10
10		1861 **	2183	15	42		20205	23773	10
11		2148	2525	15	43		20205	23773	10
(11.11)	7/16	2148	2525	15	44	–			–
12		2212	2607	15	(44.45)	1.3/4	20205	23773	10
(12.70)	1/2	2212	2607	15	45		20205	23773	10
13		2735	3219	15	46		22281	26209	10
14		2735	3219	15	47		22281	26209	10
(14.29)	9/16	2735	3219	15	(47.62)	1.7/8	22281	26209	10
15		3197	3754	15	48		22281	26209	10
(15.87)	5/8	3197	3754	15	49		22281	26210	10
16		3197	3754	15	50		24445	28755	10
17		3897	4580	15	(50.8)	2	24391	28694	10
(17.46)	11/16	3897	4580	15	51		20366	23963	5
18		3897	4580	15	52		44357	52186	5
19		3897	4580	15	(52.39)	2-1/16	53225	62622	5
(19.05)	3/4	3897	4580	15	53		44357	52186	5
20		4316	5078	15	(53.97)	2-1/8	53225	62622	5
(20.64)	13/16	4887	5756	15	54		44357	52186	5
21		4887	5760	15	55		44357	52186	5
22		4887	5760	15	(55.56)	2-3/16	53225	62622	5
(22.22)	7/8	4887	5756	15	56		44357	52186	5
23		5291	6229	15	57		44357	52186	5
(23.81)	15/16	5696	6698	15	(57.15)	2-1/4	53225	62622	5
24		5696	6698	15	58		44357	52186	5
25		5696 **	6698	15	(58.74)	2-5/16	53225	62622	5
(25.40)	1	5696	6698	15	59		44357	52186	5
26		5749	6767	10	60		44357	52186	5
27		7896	9292	10	(60.32)	2-3/8	53225	62622	5
28		7896	9292	10	61		50789	59754	5
(28.57)	1-1/8	7896	9292	10	62		50789	59754	5
29		7896	9292	10	63		50789	59754	5
30		8686	10216	10	(63.50)	2-1/2	60946	71705	5

CC – With Centre Cutting; CCTC – With Centre Cutting and TIN Coating.

For More details refer our Product Catalogue Pages 143 to 149.



**HSS PARALLEL SHANK ROUGHING END MILLS  
WITH GROUND RELIEVED CHIP BREAKER GROOVES**

**IS 6353-1991  
BS 122 – PART I – 1953**

Size		Price Per Piece (Rs.)					MOQ (No.)
mm	Inch	M2	M35	M2 LS	M35 LS	M42 LS	
(9.52)	3/8	3132	3482				50
10		3132	3488	4341	4818	5619	50
11		3132	3637	4341	4960	5782	50
(11.11)	7/16	3132	3482				50
12		3215	3718	4588	5220	6082	50
(12.70)	1/2	3215	3569				35
13		3621	4391				35
14		3789	4391	5324	6819	7509	35
(14.29)	9/16	3789	4442				35
15		4740	5464				35
(15.87)	5/8	4740	5561				35
16		4740	5464	6472	7391	9105	35
17		4495	5577				25
(17.46)	11/16	4615	5413				25
18		4740	5577	6726	7792	9600	25
19		4736	5577				25
(19.05)	3/4	4736	5557				25
20		5374	6798	7850	9805	12081	25
(20.64)	13/16	5374	6305				25
21		5659	6798				25
22		5737	6798	8318	9805	12081	25
(22.22)	7/8	5737	6733				25
23		5970	7416				25
(23.81)	15/16	5970	7005				25
24		5970	7416				25
25		6221	7416	9322	11021	13578	25
(25.40)	1	6221	8459				5
26		6740	8001				5
27		7389	9754				5
28		8079	9754	11550	13911	17139	5
(28.57)	1.1/8	8079	9475				5
29		8079	9754				5
30		8981	11442				5
31		9436	11442				5
(31.75)	1.1/4	9436	10660				5
32		9436	11442				5
33		10844	13893				5
34		11487	13893				5
(34.92)	1.3/8	11487	13476				5
35		11487	13893				5

For More details refer our Product Catalogue Page 181.



**HSS PARALLEL SHANK ROUGHING END MILLS  
WITH GROUND RELIEVED CHIP BREAKER GROOVES**

**IS 6353-1991  
BS 122 – PART I – 1953**

Size		Price Per Piece (Rs.)					MOQ (No.)
mm	Inch	M2	M35	M2 LS	M35 LS	M42 LS	
36		12138	16647	–	–	–	5
37		13067	16647	–	–	–	5
38		13659	16647	–	–	–	5
(38.10)	1.1/2	12767	14981	–	–	–	5
39		14571	18554	–	–	–	5
40		15210	18554	–	–	–	5
41		15210	21219	–	–	–	5
(41.27)	1.5/8	15210	17813	–	–	–	5
42		17401	21219	–	–	–	5
43		17401	21219	–	–	–	5
44		18733	22987	–	–	–	5
(44.45)	1.3/4	18733	21982	–	–	–	5
45		18733	22987	–	–	–	5
46		18733	25477	–	–	–	5
47		20781	25477	–	–	–	5
(47.62)	1.7/8	20781	24384	–	–	–	5
48		20781	25477	–	–	–	5
49		20781	27320	–	–	–	5
50		22189	27320	–	–	–	5
(50.08)	2	22189	26038	–	–	–	5
51		22189	27320	–	–	–	5
52		26177	45968	–	–	–	5
(52.39)	2.1/16	26177	30719	–	–	–	5
53		26177	45968	–	–	–	5
(53.97)	2.1/8	29647	34785	–	–	–	5
54		29647	45968	–	–	–	5
55		34280	45968	–	–	–	5
(55.56)	2.3/16	34280	40221	–	–	–	5
56		34280	45968	–	–	–	5
57		36517	45968	–	–	–	5
(57.15)	2.1/4	36517	42851	–	–	–	5
58		38935	53804	–	–	–	5
(58.74)	2.5/16	38935	45682	–	–	–	5
59		38935	53804	–	–	–	5
60		41231	53804	–	–	–	5
(60.32)	2.3/8	41231	48373	–	–	–	5
61		41231	53804	–	–	–	5
62		41865	53804	–	–	–	5
63		42561	53804	–	–	–	5
(63.50)	2-1/2	42561	49938	–	–	–	5

For More details refer our Product Catalogue Page 181.





**M42 PARALLEL SHANK ROUGHING END MILLS  
WITH GROUND RELIEVED CHIP BREAKER GROOVE**

**IS 6353-1991  
BS 122 – PART I – 1953**

Size		Price Per Piece (Rs.)				MOQ (No.)
mm	Inch	M42	M42 TC	M42 CC	M42 CCTC	
(9.52)	3/8	3689	4347	4061	4778	50
10		3689	4347	4061	4778	50
11		3959	4659	4352	5124	50
(11.11)	7/16	4575	5371	5023	5908	50
12		4065	4781	4472	5259	50
(12.70)	1/2	4575	5371	5023	5908	50
13		4832	5681	5308	6245	35
14		4832	5681	5308	6245	35
(14.29)	9/16	4832	5681	5308	6244	35
15		5970	7030	6569	7723	35
(15.87)	5/8	5970	7030	6569	7723	35
16		5970	7030	6569	7723	35
17		6984	8211	7686	9030	25
(17.46)	11/16	6984	8213	7686	9030	25
18		6984	8213	7686	9030	25
19		6984	8213	7686	9030	25
(19.05)	3/4	6984	8213	7686	9030	25
20		6984	8213	7686	9030	25
(20.64)	13/16	7571	8902	8328	9796	25
21		7571	8902	8328	9797	25
22		7571	8902	8328	9797	25
(22.22)	7/8	7571	8902	8328	9796	25
23		8318	9781	9145	10759	25
(23.81)	15/16	8318	9781	9145	10761	25
24		8318	9781	9145	10759	25
25		8318	9781	9145	10759	25
(25.40)	1	8318	9781	9145	10761	25
26		8931	10503	9549	11238	5
27		12218	14376	13069	15384	5
28		12218	14376	13069	15384	5
(28.57)	1.1/8	12218	14376	13069	15384	5
29		12218	14376	13069	15384	5
30		12218	14376	13069	15384	5
31		16766	19718	17934	21102	5
(31.75)	1.1/4	17564	20661	18794	22110	5
32		16766	19718	17934	21102	5
33		16766	19718	17934	21102	5
34		16766	19718	17934	21102	5
(34.92)	1.3/8	17564	20661	18794	22110	5
35		16766	19718	17934	21102	5

TC - With Tin-Coated; CC - With Centre Cutting; CCTC - Centre Cutting With TIN-Coated.

For More details refer our Product Catalogue Page 181.



**M42 PARALLEL SHANK ROUGHING END MILLS  
WITH GROUND RELIEVED CHIP BREAKER GROOVES**

**IS 6353-1991  
BS 122 – PART I – 1953**

Size		Price Per Piece (Rs.)				MOQ (No.)
mm	Inch	M42	M42 TC	M42 CC	M42 CCTC	
36		16766	19718	17934	21102	5
37		21152	24882	22630	26620	5
38		21152	24882	22630	26620	5
(38.10)	1.1/2	21152	24882	22630	26624	5
39		21152	24882	22207	26127	5
40		21152	24882	22207	26127	5
41		26298	30938	27612	32488	5
(41.27)	1.5/8	26298	30938	27612	32488	5
42		26298	30938	27612	32488	5
43		26298	30938	27612	32488	5
44		26298	30938	27612	32488	5
(44.45)	1.3/4	26298	30938	27612	32488	5
45		26298	30938	27612	32488	5
46		31332	36860	32897	38700	5
47		31332	36860	32897	38700	5
(47.62)	1.7/8	31332	36860	32897	38700	5
48		31332	36860	32897	38700	5
49		31332	36860	32897	38700	5
50		31332	36860	32897	38700	5
(50.08)	2	31332	36860	32897	38700	5
51		31332	36860	32897	38700	5
52		60792	71524	63832	75095	5
(52.39)	2.1/16	60792	71523	63833	75095	5
53		60792	71524	63832	75095	5
(53.97)	2.1/8	60792	71523	63833	75095	5
54		60792	71524	63832	75095	5
55		60792	71524	63832	75095	5
(55.56)	2.3/16	60792	71523	63833	75095	5
56		60792	71524	63832	75095	5
57		60792	71524	63832	75095	5
(57.15)	2.1/4	60792	71523	63833	75095	5
58		60792	71524	63832	75095	5
(58.74)	2.5/16	60792	71523	63833	75095	5
59		60792	71524	63832	75095	5
60		60792	71524	63832	75095	5
(60.32)	2.3/8	70997	83533	74552	87704	5
61		70997	83533	74552	87704	5
62		70997	83533	74552	87704	5
63		70997	83533	74552	87704	5
63.50	2-1/2	70997	83533	74552	87704	5

TC - With Tin-Coated; CC - With Centre Cutting; CCTC - Centre Cutting With TIN-Coated.  
For More details refer our Product Catalogue Page 181.



**HSS SCREWED SHANK END MILLS / SLOT DRILLS – SHORT (NORMAL) SERIES**  
**RH HELICAL FLUTES WITH RH CUTTING** **BS : 122 (PART 4) 1980**

Dia mm	Price Per Piece (Rs.)		MOQ (No.)	Dia mm	M2 Price Per Piece (Rs.)		MOQ (No.)
	M2 END MILLS	M2 SLOT DRILLS			M2 END MILLS	M2 SLOT DRILLS	
3	1939	2279	35	18	3806	4296	35
4	1939	2279	35	20	4269	4747	35
5	1939	2279	35	22	4623	4890	35
6	1939	2279	35	24	5305	5644	35
7	2138	2279	35	25	5305	5644	35
8	2138	2279	35	26	5919	6406	35
9	2138	2279	35	28	7096	7787	35
10	2246	2427	35	30	7434	8527	35
11	2246	2376	35	32	8579	9296	35
12	2335	2602	35	34	10250	11044	20
13	2676	2747	35	36	11891	12667	20
14	2676	3014	35	38	11891	12667	20
16	3014	3394	35				

For more details please refer our Product Catalogue Pages 162 to 165 and 170 to 173.



### HSS SCREWED SHANK END MILLS SHORT (NORMAL) / LONG SERIES

RH HELICAL FLUTES WITH RH CUTTING

BS : 122 (PART 4) 1980

Dia Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Price Per Piece (Rs.)		MOQ (No.)
	M2 Short Series	M2 Long Series			M2 Short Series	M2 Long Series	
1/8	1939	2012	35	1	5305	7434	35
3/16	1939	2012	35	1 1/16	5919	8171	35
1/4	1939	2012	35	1 1/8	7096	8853	35
5/16	2138	2246	35	1 3/16	7434	9542	35
3/8	2138	2532	35	1 1/4	8579	10492	35
7/16	2246	2737	35	1 5/16	10250	11267	20
1/2	2335	3153	35	1 3/8	10250	12157	20
9/16	2676	3541	35	1 7/16	11891	13137	20
5/8	3014	3999	35	1 1/2	11891	14036	20
11/16	3541	4224	35	1 5/8	13831	17196	20
3/4	3806	4752	35	1 3/4	15473	19795	20
13/16	4269	5379	35	1 7/8	19251	22510	10
7/8	4623	5964	35	2	22285	25290	10
15/16	4950	6449	35				

### HSS SCREWED SHANK SLOT DRILLS SHORT (NORMAL) / LONG SERIES

RH HELICAL FLUTES WITH RH CUTTING

BS : 122 (PART 4) 1980

Dia Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Price Per Piece (Rs.)		MOQ (No.)
	M2 Short Series	M2 Long Series			M2 Short Series	M2 Long Series	
1/8	2279	2460	35	1	5644	7501	35
3/16	2279	2483	35	1 1/16	6405	8463	35
1/4	2298	2460	35	1 1/8	7788	9559	35
5/16	2298	2460	35	1 3/16	8527	10373	35
3/8	2298	2625	35	1 1/4	9381	11187	35
7/16	2398	3039	35	1 5/16	11044	12187	20
1/2	2602	3243	35	1 3/8	11087	13137	20
9/16	3014	3785	35	1 7/16	12667	14037	20
5/8	3425	4118	35	1 1/2	12667	15008	20
11/16	3959	4545	35	1 5/8	14731	17804	20
3/4	4335	4995	35	1 3/4	16283	20264	20
13/16	4748	5723	35	1 7/8	19929	22894	10
7/8	4935	6139	35	2	22701	25290	10
15/16	5188	6867	35				

For more details please refer our Product Catalogue Pages 166 to 169 and 174 to 177.


**HSS GROUND THREAD HAND TAPS M C P (NON-SERIAL)**
**IS: 6175 - PART 2 & 3**
**- 1992 (6H TOL)**

Dia & Pitch (mm)	M2 HSS Hand Tap			M35 HSS Hand Tap		MOQ (No.)
	Price Per Piece	Price Per Set of Three Pieces	Price Per Set of three with Tin- Coating	Price Per Set of Three Pieces	Price Per Set of three with Tin- Coating	Individual Taps / Sets
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	
3 x 0.5	387	1163 *	1344	1377	1563	100 / 34
4 x 0.7	387	1163 *	1344	1377	1563	100 / 34
5 x 0.8	404	1209 *	1389	1432	1620	150 / 50
6 x 1.0	412	1236 *	1447	1460	1679	150 / 50
7 x 1.0	526	1577	–	–	–	150 / 50
8 x 1.25	477	1432 *	1660	1686	1928	150 / 50
9 x 1.25	578	1735	–	–	–	150 / 50
10 x 1.50	598	1792 *	2070	2175	2410	150 / 50
11 x 1.50	915	2745	–	–	–	100 / 34
12 x 1.75	912	2736 *	3399	3234	3640	100 / 34
14 x 2.00	1325	3973 *				100 / 34
16 x 2.00	1325	3973 *	4529	4696	5268	100 / 34
18 x 2.50	2218	6654 *	–	–	–	45 / 15
20 x 2.50	2914	8743 *	–	–	–	45 / 15
22 x 2.50	3027	9080 **	–	–	–	45 / 15
24 x 3.00	3400	10202 *	–	–	–	25 / 9
25 x 3.00	4263	12789	–	–	–	25 / 9
27 x 3.00	5258	15774 **	–	–	–	25 / 9
30 x 3.50	5873	17620 *	–	–	–	25 / 9
33 x 3.50	7167	21503 **	–	–	–	25 / 9
36 x 4.00	9955	29864 *	–	–	–	20 / 7
39 x 4.00	11686	35060 **	–	–	–	20 / 7
42 x 4.50	13645	40935 *	–	–	–	15 / 5
45 x 4.50	18348	55046	–	–	–	15 / 5
48 x 5.00	19566	58699 **	–	–	–	10 / 4
52 x 5.00	24561	73684	–	–	–	10 / 4
56 x 5.50	34940	104818 **	–	–	–	5 / 2
60 x 5.50	36839	110517	–	–	–	5 / 2
64 x 6.00	38753	116260 **	–	–	–	3 / 1
68 x 6.00	48358	145074	–	–	–	3 / 1

For more details please refer our Product Catalogue Pages 192 &amp; 193.



**HSS GROUND THREAD HAND TAPS M C P  
(NON-SERIAL)**

**IS: 6175 - PART 2 & 3 - 1992 (6H TOL)**

**HSS GROUND THREAD MACHINE TAPS M C P**

**IS: 6175 - PART 4 - 1991 (6H TOL)**

**HSS GROUND THREAD NUT TAPS M C P**

**IS: 6175 PART 5 - 1991 (6H TOL)**

Dia & Pitch (mm)	Machine Tap					Nut Tap	MOQ (No.)	
	Type A Price Per Piece	Type C Price Per Piece	Type D Price Per Piece	Type B Price Per Piece	Machine Tap Long Shank Spiral Flute Price Per Piece	Price Per Piece	Hand and Machine Taps	For Nut Taps
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
3 x 0.5	–	–	–	–	–	–	100	–
4 x 0.7	821	821	821	–	–	–	100	–
5 x 0.8	599	599	599	700 **	–	–	150	–
6 x 1.0	643	643	643	758	794	869	150	50
7 x 1.0	695	695	695	–	–	985	150	50
8 x 1.25	695	695	695	–	866	985 **	150	50
9 x 1.25	–	–	–	–	–	–	150	–
10 x 1.50	870	870	870	1023 **	1079	1313	150	50
11 x 1.50	–	–	–	–	–	–	100	–
12 x 1.75	1227	1227	1227	1454 **	1562	2015	100	25
14 x 2.00	1778	1778	1778	2095	2367	2799	100	25
16 x 2.00	1778	1778	1778	2095 **	2367	2799	100	25
18 x 2.50	2872	2872	2872	3394	3767	4755	45	20
20 x 2.50	3563	3563	3563	4169 **	4467	6342	45	20
22 x 2.50	3951	3951	3951	4655	5253	6435	45	20
24 x 3.00	4413	4413	4413	5198	5674	7308	25	20
25 x 3.00	–	–	–	–	–	8738	25	20
27 x 3.00	6782	6782	6782	8010	–	11225	25	20
30 x 3.50	7466	7466	7466	8813	–	13863	25	20
33 x 3.50	8747	8747	8747	10588	–	15303	25	20
36 x 4.00	11438	11438	11438	–	–	19799	20	20
39 x 4.00	13778	13778	13778	–	–	23619	20	20
42 x 4.50	15732	15732	15732	–	–	28124	15	10
45 x 4.50	21090	21090	21090	–	–	33915	15	10
48 x 5.00	23716	23716	23716	–	–	39677	10	10
52 x 5.00	27457	27457	27457	–	–	–	10	–
56 x 5.50	35321	35321	35321	–	–	–	5	–
60 x 5.50	41693	41693	41693	–	–	–	5	–
64 x 6.00	47047	47047	47047	–	–	–	3	–
68 x 6.00	65541	65541	65541	–	–	–	3	–

For more details please refer our Product Catalogue Pages 192 ,193, 207 and 210.



**HSS GROUND THREAD HAND TAPS M F P IS : 6175 - PART 2 & 3 - 1992 (6H TOL)  
(NON-SERIAL)**

**HSS GROUND THREAD MACHINE TAPS M F P IS : 6175 - PART 4 - 1991 (6H TOL)**

**HSS GROUND THREAD NUT TAP M F P TO IS 6175 (PART 5) 1991 6H TOL**

Dia & Pitch (mm)	Hand Tap		Machine Tap				Nut Tap	MOQ (Hand and Machine Taps)	MOQ (for Nut Taps)
	Hand Tap - Price Per Piece	Hand Tap Price (Per Set of 2)	Type A Price Per Piece	Type C Price Per Piece	Type D Price Per Piece	Type B Price Per Piece	Price Per Piece	Individual Taps / Sets	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
3 x 0.35	628	1256	-			-	-	100 / 50	
3.5 x 0.35	628	1256	-			-	-	100 / 50	
4 x 0.5	554	1107	-			-	-	100 / 50	
5 x 0.5	541	1082	736	736	736	-	-	150 / 75	
6 x 0.75	554	1107	736	736	736	877	957	150 / 75	50
7 x 0.75	642	1284	834	834	834	996	1239	150 / 75	50
8 x 0.75	636	1272	794	794	794	943	1123	150 / 75	50
8 x 1.0	578	1156 **	794	794	794	943	1123	150 / 75	50
9 x 0.75	706	1412	1092	1092	1092	1363		150 / 75	
9 x 1.0	706	1412	1092	1092	1092	1363	1123	150 / 75	50
10 x 0.75	800	1600						150 / 75	
10 x 1.0	672	1344 **	918	918	918	1092	1480	150 / 75	50
10 x 1.25	672	1344 *	976	976	976	1153	1480	150 / 75	50
11 x 1.0	1118	2235	1421	1421	1421	1646		100 / 50	
12 x 1.0	1065	2131 **	1190	1190	1190		2324	100 / 50	25
12 x 1.25	1065	2131 **	1325	1325	1325	1568	2324	100 / 50	25
12 x 1.5	1065	2131 **	1325	1325	1325	1568	2324	100 / 50	25
14 x 1.0	1371	2742	1793	1793	1793	2124	3463	100 / 50	25
14 x 1.25	1408	2817	1778	1778	1778	2095	3463	100 / 50	25
14 x 1.5	1325	2649 **	1778	1778	1778	2095	3463	100 / 50	25
15 x 1.0	1612	3224	1906	1906	1906	2233	-	100 / 50	
15 x 1.5	1371	2742	1778	1778	1778	2074	-	100 / 50	
16 x 1.0	1371	2742	1906	1906	1906	2233	3463	100 / 50	25
16 x 1.5	1325	2649 **	1778	1778	1778	2074	3463	100 / 50	25
18 x 1.0	2759	5519	3449	3449	3449	4144	5339	45 / 23	20
18 x 1.5	2576	5152 **	3306	3306	3306	3896	5339	45 / 23	20
18 x 2.0	2576	5152	3306	3306	3306	3896	5339	45 / 23	20
20 x 1.0	3416	6831 **	4307	4307	4307	5253	-	45 / 23	
20 x 1.5	3199	6397 **	4307	4307	4307	5091	6973	45 / 23	20
20 x 2.0	3199	6397 **	4307	4307	4307	5091	6973	45 / 23	20
22 x 1.0	3867	7733	4307	4307	4307	5537		45 / 23	
22 x 1.5	3476	6953 **	4307	4307	4307	5269	7404	45 / 23	20
22 x 2.0	3476	6953	4307	4307	4307	5269	7404	45 / 23	20
24 x 1.0	3935	7870	4990	4990	4990	6169	-	25 / 13	
24 x 1.5	3935	7870 **	4990	4990	4990	5879	8804	25 / 13	20
24 x 2.0	3935	7870 **	4990	4990	4990	5879	8804	25 / 13	20
25 x 1.5	4350	8699	6497	6497	6497	7668	9898	25 / 13	20
25 x 2.0	4350	8699	6497	6497	6497	7668	-	25 / 13	
26 x 1.5	4374	8748	6411	6411	6411	7568	-	25 / 13	
26 x 2.0	4374	8748	6411	6411	6411	7568	-	25 / 13	
27 x 1.5	5840	11681	7668	7668	7668	9049	12477	25 / 13	20
27 x 2.0	5840	11681 **	7668	7668	7668	9049	-	25 / 13	

For more details please refer our Product Catalogue Pages 194 to 196, 208 and 209.



**HSS GROUND THREAD HAND TAPS M F P IS : 6175 - PART 2 & 3 - 1992 (6H TOL)**  
**(NON-SERIAL)**

**HSS GROUND THREAD MACHINE TAPS M F P IS : 6175 - PART 4 - 1991 (6H TOL)**

**HSS GROUND THREAD NUT TAP M F P TO IS 6175 (PART 5) 1991 6H TOL**

Dia & Pitch (mm)	Hand Tap		Machine Tap				Nut Tap	MOQ (Hand and Machine Taps)	MOQ (for Nut Taps)
	Hand Tap - Price Per Piece	Hand Tap Price (Per Set of 2)	Type A Price Per Piece	Type C Price Per Piece	Type D Price Per Piece	Type B Price Per Piece	Price Per Piece	Individual Taps / Sets	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
28 x 1.5	5840	11681	8286	8286	8286	9721	15537	25 / 13	20
28 x 2.0	5840	11681	8286	8286	8286	9721	-	25 / 13	
30 x 1.0	6590	13180	8876	8876	8876	10438	-	25 / 13	
30 x 1.5	6590	13180 **	8628	8628	8628	10179	15537	25 / 13	20
30 x 2.0	6590	13180 **	8628	8628	8628	10179	15537	25 / 13	20
30 x 3.0	6590	13180	8628	8628	8628	10179	-	25 / 13	-
32 x 1.5	6932	13864	9537	9537	9537	11384	-	25 / 13	-
32 x 2.0	6932	13864	9537	9537	9537	11384	-	25 / 13	-
33 x 1.5	8031	16063	10438	10438	10438	12385	17239	25 / 13	20
33 x 2.0	8031	16063 **	10438	10438	10438	12385	17239	25 / 13	20
33 x 3.0	8031	16063	10438	10438	10438	12385	-	25 / 13	-
35 x 1.5	11132	22264	14506	14506	14506	-	-	20 / 10	-
36 x 1.5	11132	22264 **	14506	14506	14506	-	-	20 / 10	-
36 x 2.0	11132	22264 **	14506	14506	14506	-	-	20 / 10	-
36 x 3.0	11132	22264	14506	14506	14506	-	-	20 / 10	-
39 x 1.5	13902	27803	17621	17621	17621	-	-	20 / 10	-
39 x 2.0	13902	27803	17621	17621	17621	-	-	20 / 10	-
39 x 3.0	13902	27803	17621	17621	17621	-	-	20 / 10	-
40 x 1.5	14045	28090	18968	18968	18968	-	-	15 / 8	-
40 x 2.0	14732	29465	18968	18968	18968	-	-	15 / 8	-
40 x 3.0	15408	30816	18968	18968	18968	-	-	15 / 8	-
42 x 1.5	15408	30816	20007	20007	20007	-	-	15 / 8	-
42 x 2.0	15408	30816 **	20007	20007	20007	-	-	15 / 8	-
42 x 3.0	15408	30816	20007	20007	20007	-	-	15 / 8	-
42 x 4.0	15408	30816	20007	20007	20007	-	-	15 / 8	-
45 x 1.5	21370	42740	27913	27913	27913	-	-	15 / 8	-
45 x 2.0	21370	42740	27913	27913	27913	-	-	15 / 8	-
45 x 3.0	21370	42740	27913	27913	27913	-	-	15 / 8	-
45 x 4.0	21370	42740	27913	27913	27913	-	-	15 / 8	-
48 x 1.5	22265	44530	28921	28921	28921	-	-	10 / 5	-
48 x 2.0	22265	44530	28921	28921	28921	-	-	10 / 5	-
48 x 3.0	22265	44530 **	28921	28921	28921	-	-	10 / 5	-
48 x 4.0	22265	44530	28921	28921	28921	-	-	10 / 5	-
50 x 1.5	24547	49093	33665	33665	33665	-	-	10 / 5	-
50 x 2.0	24547	49093	33665	33665	33665	-	-	10 / 5	-
50 x 3.0	24547	49093	33665	33665	33665	-	-	10 / 5	-
52 x 1.5	27663	55325	35940	35940	35940	-	-	10 / 5	-
52 x 2.0	27663	55325	35940	35940	35940	-	-	10 / 5	-
52 x 3.0	27663	55325	35940	35940	35940	-	-	10 / 5	-
52 x 4.0	27663	55325	35940	35940	35940	-	-	10 / 5	-

For more details please refer our Product Catalogue Pages 194 to 196, 208 and 209.





**HSS GROUND THREAD HAND TAPS**  
**BSW, BSF, UNC, UNF FORM**

**BS: 949 (PART 2) 1979**  
**CLASS 2 TOL**

Dia (Inch)	Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	MOQ	Dia (Inch)	Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	MOQ
			Individual Taps / Sets				Individual Taps / Sets
3/16	404	1211	150 / 50	1	3935	11805	20 / 7
1/4	412	1235	150 / 50	1.1/8	5338	16014	20 / 7
5/16	477	1430	100 / 34	1.1/4	6432	19296	20 / 7
3/8	566	1699	100 / 34	1.3/8	8299	24897	20 / 7
7/16	732	2195	100 / 34	1.1/2	9955	29865	20 / 7
1/2	922	2767	100 / 34	1.5/8	11668	35004	10 / 4
9/16	1339	4017	100 / 34	1.3/4	13650	40949	10 / 4
5/8	1339	4017	100 / 34	2	19566	58699	10 / 4
11/16	2254	6763	35 / 12	2.1/4	29243	87728	5 / 2
3/4	2254	6763	35 / 12	2.1/2	38379	115136	5 / 2
13/16	2660	7980	35 / 12	2.3/4	47893	143679	3 / 1
7/8	3059	9177	35 / 12	3	64271	192814	3 / 1

Hand Tap consists or 1, II, III Taps (Taper, Second and Bottoming).

Range of UNF Taps - Upto 1-1/2" Dia only.

Size 3/16" UNC/UNF not covered in BSS Standard.

For more details please refer our Product Catalogue Pages 197 to 200.

**HSS GROUND THREAD NUT TAPS**  
**BSW, BSF, UNC, UNF FORM**

**BS 949-1979**  
**ZONE - 3 TOL**

Size Inch	Price Per Piece	MOQ (No.)	"Size Inch"	Price Per Piece	MOQ (No.)	Size Inch	Price Per Piece	MOQ (No.)
	(Rs.)			(Rs.)			(Rs.)	
1/4	869	50	5/8	2967	25	1.1/4	13636	15
5/16	985	50	11/16	4009	20	1.3/8	16801	15
3/8	1207	50	3/4	4755	20	1.1/2	20156	15
7/16	1619	50	7/8	6435	20	1.3/4	28343	10
1/2	2015	25	1	8384	15	2	40027	10
9/16	2967	25	1.1/8	11308	15	-	-	-

Range of UNF Nut Taps - Upto 1-1-2" Dia only.

For more details please refer our Product Catalogue Pages 211 to 214.



### HSS GROUND THREAD HAND TAPS

**BSP (PARALLEL)**

**BSP (TAPER) (RC-SERIES)**

**NPT, NPS, NPSF & NPTF**

**BS: 949 - 1951**

**BS: 949 (PART 3) - 1982**

**BS: 949 - 1969**

Size Inch	BSP (P)		NPS		NPSF		BSPT		NPT		NPTF		MOQ
	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Individual Taps / Sets
1/16									833	1665 **	833	1665	100 / 50
1/8	602	1205 *	714	1428	865	1731	800	1600 **	833	1665	968	1935	100 / 50
1/4	936	1872 *	1236	2472	1511	3021	1441	2882 **	1513	3026 **	1826	3652	100 / 50
3/8	1416	2832 *	1566	3133	1877	3755	1984	3967 **	2072	4144 **	2298	4596	100 / 50
1/2	2066	4132 *	2261	4522	2727	5455	2883	5766 **	3012	6024 **	3348	6696	50 / 25
5/8	2254	4507 **											50 / 25
3/4	3554	7108 *	3776	7552	4506	9012	4956	9911	5173	10345 **	5572	11144	25 / 13
7/8	4416	8831											25 / 13
1	5612	11224 **	6362	12725	7616	15231	7703	15407 **	8075	16151 **	8667	17334	25 / 13
1.1/4	8426	16851 **	9832	19665			11025	22049 **	11553	23106	12769	25537	15 / 8
1.1/2	10499	20998 **	12267	24535			13669	27338 **	14309	28617 **			15 / 8
1.3/4	16109	32219											15 / 8
2	18857	37715 **	21928	43856			24673	49346	25845	51690 **			10 / 5
2.1/4	32613	65226											5 / 3
2.1/2	46736	93471					72436	144872	75872	151744			5 / 3
2.3/4	52524	105049											5 / 3
3	59211	118422					94417	188834	98916	197833			5 / 3
3.1/2	77802	155604					124105	248210	129962	259925			5 / 3
4	97901	195802					155998	311997	163415	326830			5 / 3

For more details please refer our Product Catalogue Pages 203 to 206.

### HSS GROUND THREAD HAND TAPS BS CONDUIT (ZONE 3)

**TO BS 949-1951**

Size Inch	BS CON			MOQ	Size Inch	BS CON			MOQ
	Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	Individual / Set	Price Per Piece (Rs.)		Price Per Set of Three (Rs.)	Individual / Set		
	(Rs.)	(Rs.)				(Rs.)	(Rs.)		
1/2"	2080	6240	50 / 25		1-1/4"	10012	30036	20 / 10	
5/8"	2719	8156	50 / 25		1-1/2"	16909	50727	15 / 8	
3/4"	4307	12921	25 / 13		2"	16104	48312	10 / 5	
1"	6262	18785	25 / 13						

LPG CYLINDER TAPS 3/4" - 14 NGT non-interrupted 4 flutes can be supplied at Rs. 3,779/-

### HSS GROUND THREAD HAND TAPS BSCY

**BS 949-1951**

Size Inch	TPI	Price Per Piece (Rs.)	Price Per Set of Three	MOQ (No.) Individual / Set	Size Inch	TPI	Price Per Piece (Rs.)	Price Per Set of Three	MOQ (No.) Individual / Set
1/4"	26	473	1420	100 / 34	9/16	26	1870	5610	100 / 34
5/16	26	577	1731	100 / 34	9/16	26LH	1870	5610	100 / 34
3/8	26	737 **	2212	100 / 34	1	24	3865	11596	25 / 13
7/16	26	944	2833	100 / 34	1.37	24.00	8103	24308	15 / 8
1/2	26	1155	3465	100 / 34	1.37	24 LH	8103	24308	15 / 8

For more details please refer our Product Catalogue Page No. 201.



## HSS TOOL HOLDER BITS SQUARE / ROUND

Size		Price Per Piece (Rs.)					MOQ (No.)
mm	Inch	M2	M 35	M 42	T 42	T 42 - C	
3/16 x 3	5 x 75	139	263	344	362	376	50
3/16 x 4	5 x 100	185	386	503	527	553	50
3/16 x 6	5 x 150	285	701	1074	1134	1160	50
1/4 x 3	6 x 75	161 **	333	460	484	510	50
1/4 x 4	6 x 100	191 **	456	612	648 **	672	50
1/4 x 6	6 x 150	270 **	741	1002	1057 **	1093	50
1/4 x 8	6 x 200	389	1226	1701	1791	1875	50
5/16 x 3	8 x 75	177 **	435	596	627 **	668	50
5/16 x 4	8 x 100	232 **	600	814	856 **	909	50
5/16 x 6	8 x 150	382	958	1311	1374 **	1463	50
5/16 x 8	8 x 200	486 **	1366	1851	1949	2080	50
3/8 x 3	–	227 *	507	703	744 **	794	50
3/8 x 4	–	270 *	678	932	983 **	1061	50
3/8 x 6	–	421 *	1073	1499	1576 **	1678	50
3/8 x 8	–	578 *	1524	2129	2241 **	2385 **	50
3/8 x 10	–	741	2020	2819	2967	3158	50
–	10 x 75	246	553	768	807	863	50
–	10 x 100	295	741	1033	1084	1159	50
–	10 x 150	458	1159	1618	1699	1804	50
–	10 x 200	638	1632	2273	2393	2545	50
–	10 x 250	810	2157	3007	3157	3358	50
1/2 x 3	12 x 75	333 **	801	1148	1212	1260	50
1/2 x 4	12 x 100	421 *	1073	1499	1579 *	1687	50
1/2 x 6	12 x 150	646 *	1649	2355	2483 *	2595	50
1/2 x 8	12 x 200	852 *	2309	3290	3460 *	3617 **	50
1/2 x 10	12 x 250	1293	3232	4527	4767	5053	50
5/8 x 4	16 x 100	671 **	1769	2527	2658 **	2767	50
5/8 x 6	16 x 150	989 **	2658	3703	3895 **	4146	50
5/8 x 8	16 x 200	1337	3632	5189	5467 **	5677	50
3/4 x 4	–	928	2460	3472	3656	3851	50
3/4 x 6	–	1356 **	3684	5094	5365 **	5771	50
3/4 x 8	–	1856	4941	6985	7348	7741	50
–	20 x 100	1014	2681	3789	3988	4191	50
–	20 x 150	1478	4013	5677	5975	6291	50
–	20 x 200	2019	5351	7572	7975	8387	50
1 x 6	25 x 150	2288	6122	8554	9003 **	9562	50
1 x 8	25 x 200	3111 *	8163	11404	11999 **	12760	50



## XENONROUNDTOOL BLANKS

Size (in Inch)	Price Per Ten No.	MOQ(No.)	Dia Sizes (in mm)	Price Per Ten No.	MOQ(No.)
7/64 x 3"	353		3	262	
1/8" x 3"	404		3.1	344	
9/64 x 3"	404		3.2	353	
5/32 x 3"	555		3.5	353	
11/34 x 3"	645		4	525	
3/16 x 3"	888		4.2	626	
13/64 x 3"	908		4.5	828	
7/32 x 3"	908		5	908	
1/4 x 3"	929		5.2	908	
17/64 x 3"	1019		5.5	979	
9/32 x 3"	1403		6	1090	
19/64" x 3"	1403		6.5	1534	
5/16" x 3"	1534		6.8	1534	
21/64" x 3"	1695		6.9	1675	
11/32 x 3"	1766		7	1766	
23/64 x 3"	1766		7.2	2099	
3/8 x 3"	1918		7.5	2542	
25/64 x 3"	2068		8	2715	
13/32 x 3"	2422		8.5	2795	
27/64 x 3"	2583		8.9	2715	
7/16 x 3"	2583		9	2715	
15/32 x 3"	2583		9.1	2795	
1/2 x 3"	3269		9.5	2795	
			10	3552	


**CARBIDE TIPPED STRAIGHT SHANK TWIST DRILLS**
**IS.8307-1976 – GRADE OF TIP ISOIK-20**
**CARBIDE TIPPED TAPER SHANK TWIST DRILLS**
**IS.8306-1976 – GRADE OF TIP ISOIK-20**

Size		Price Per Piece (Rs.)		MOQ (No.)	Size		Price Per Piece (Rs.)		MOQ (No.)
mm	Inch	Straight Shank Drill	Taper Shank Drill		mm	Inch	Straight Shank Drill	Taper Shank Drill	
3.0		888 **	–	25		31/64	1887	3185	25
	1/8	888	–	25		1/2	1887 **	3185 **	25
3.5		917	–	25	13.0		1887 **	3185	25
	9/64	917	–	25		17/32	2038	3646	25
	5/32	919	–	25	14.0		2233 **	3646 **	20
4.0		919 **	–	25		9/16	2233	3646	20
	11/64	919	–	25	15.0		2502	3871	20
4.5		919 **	–	25		19/32	2502	3871	20
	3/16	1003 **	–	25		5/8	2882	4188	20
5.0		1003 **	–	25	16.0		2882 **	4188 **	20
	13/64	1003	–	25		21/32	3030	4507	20
5.5		1017 **	–	25	17.0		3030	4507 **	20
	7/32	1017	–	25		11/16	3030	4507	20
	15/64	1070	–	25	18.0		3333 **	4898 **	20
6.0		1070 **	–	25		23/32	3333	4898	20
	1/4	1088 **	–	25	19.0		3803	5237	20
6.5		1088	–	25		3/4	3803	6024	20
	17/64	1109	–	25		25/32	4312	6024	20
7.0		1177 *	–	25	20.0		4312	6024 **	20
	9/32	1177	–	25		13/16		6238	20
7.5		1206 **	–	25	21.0			6238 **	20
	19/64	1206	–	25		27/32		6238	20
	5/16	1206 **	–	25	22.0			6536 **	20
8.0		1206 **	–	25		7/8		6536	20
	21/64	1245	–	25	23.0			6901	20
8.5		1245 **	–	25		29/32		6901	20
	11/32	1286	–	25		15/16		7244	20
9		1286 **	–	25	24.0			7244	20
	23/64	1374	–	25		31/32		7509	20
9.5		1374	–	25	25.0			7509	20
	3/8	1382	2399	25		1		9226 **	20
	25/64	1382	2399	25	26.0			9226	15
10.0		1382 **	2399 **	25		1.1/32		9226	15
	13/32	1497	2681	25		1.1/16		9528	15
10.5		1497 **	2681	25	27.0			9528	15
	27/64	1516	2681	25		1.3/32		10030	15
11.0		1516 **	2681	25	28.0			10030	15
	7/16	1574	2931	25		1.1/8		10409	15
11.5		1574	2931	25	29.0			10409	15
	29/64	1574	2931	25		1.5/32		10409	15
	15/32	1699	2931	25	30.0			10712	15
12.0		1699 **	2931 **	25		1.3/16		10712	15

For Carbide Tipped Taper Shank Twist Drill to Addison Standard - Sizes 3.0mm to 9.5mm and 31.0mm to 50mm (Equivalent Inch Sizes) Please refer to Page No.100.



**CARBIDE TIPPED TAPER SHANK DRILLS  
WITH ISOIK20 GRADE OF TIP**

**FL and OAL - Addison Standard  
All other specifications to IS 8307 - 1976**

Size					Price Per Piece (Rs.)	MOQ (No.)
Dia (mm)	Dia (Inch)	FL (mm)	OAL (mm)	MT No.		
3		20	110	1	2399	25
	1/8	25	115	1	2399	25
3.5	9/64	25	115	1	2399	25
4	5/32	25	115	1	2399	25
4.5	11/64	28	118	1	2399	25
5	3/16	28	118	1	2399	25
5.5	13/64	32	122	1	2399	25
	7/32	32	122	1	2399	25
6	15/64	32	122	1	2399	25
	1/4	32	122	1	2399	25
6.5		32	122	1	2399	25
	17/64	40	130	1	2399	25
	9/32	40	130	1	2399	25
7.5	19/64	40	130	1	2399	25
8	5/16	40	130	1	2399	25
8.5	21/64	50	140	1	2399	25
9	11/32	50	140	1	2399	25
	23/64	50	140	1	2399	25
9.5	3/8	50	140	1	2399	25
	25/64	50	140	1	2399	25
31	1.7/32	125	275	4	11655	15
32	1.1/4	125	275	4	12154	15
33		125	275	4	12704	15
34	1.5/16	125	275	4	13146	15
35	1.3/8	125	275	4	13521	15
36		125	275	4	13966	15
37	1.7/16	125	275	4	13459	15
38	1.1/2	125	275	4	14848	15
39		125	275	4	15127	10
40	1.9/16	125	275	4	15438	10
41		125	275	4	15789	10
42	1.5/8	125	275	4	16237	10
43	1.11/16	125	275	4	16687	10
44		125	275	4	17122	10
45	1.3/4	125	275	4	17549	10
46	1.13/16	125	275	4	18077	10
47		125	275	4	18077	10
48	1.7/8	125	275	4	18343	10
49	1.15/16	125	275	4	18663	10
50		125	275	4	18972	10
	2	125	275	4	19304	10



**CARBIDE TIPPED TAPER SHANK CORE DRILLS**

**IS 9771 - 1981**

**GRADE OF TIP : ISOIK - 20**

Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch			mm	Inch		
12.0		6130	20	19.0		7984	20		1	8781	15
	1/2	6130	20		3/4	7984	20	26.0		8781	15
13.0		6130	20		25/32	8316	20		1.1/32	8781	15
	17/32	6395	20	20.0		8316	20	27.0		8781	15
14.0		6901	20		13/16	8316	20		1.1/16	8781	15
	9/16	6901	20	21.0		8316	20		1.3/32	9001	15
15.0		6901	20		27/32	8316	20	28.0		9001	15
	19/32	6901	20	22.0		8316	20		1.1/8	9128	15
	5/8	7141	20		7/8	8316	20		1.5/32	9128	15
16.0		7141	20	23.0		8316	20	30.0		9128	15
	21/32	7141	20		29/32	8316	20		1.3/16	9128	15
17.0		7141	20		15/16	8781	20		1.7/32	9393	15
	11/16	7141	20	24.0		8781	20		1.1/4	9393	15
18.0		7984	20		31/32	8781	20	32.0		9393	15
	23/32	7984	20	25.0		8781	20				

**CARBIDE TIPPED SHELL CORE DRILLS**

**DIN 8022-1971**

**GRADE OF TIP ISO K-20**

Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch			mm	Inch		
	1.1/4	8057	10	45.0		8633	10		2.3/4	12194	4
32.0		8057	10	46.0		9001	7	71.0		12953	4
33.0		8057	10		1-13/16	9001	7		2.7/8	12953	4
	1.5/16	8057	10	47.0		9001	7	76.0		13338	4
34.0		8057	10		1.7/8	9001	7		3	13338	4
	1.3/8	8057	10	48.0		9001	7	77.0		13338	4
35.0		8057	10	49.0		9001	7	78.0		13338	4
36.0		8223	10		1-15/16	9001	7		3.1/8	13338	4
	1.7/16	8223	10	50.0		9001	7		3.1/4	13338	4
37.0		8223	10		2	9393	7		3.3/8	13683	4
38.0		8316	10	51.0		9393	7	86.0		13683	4
	1.1/2	8316	10	52.0		9393	7	87.0		13683	4
39.0		8316	10		2.1/8	9393	7		3.1/2	13683	4
	1.9/16	8316	10	56.0		9813	4	91.0		14462	4
40.0		8316	10	57.0		9813	4	92.0		14462	4
41.0		8633	10		2.1/4	9813	4		3.5/8	14462	4
	1.5/8	8633	10		2.3/8	9813	4	93.0		14462	4
42.0		8633	10	61.0		12194	4	94.0		14462	4
	1.11/16	8633	10		2.1/2	12194	4		3.3/4	14462	4
43.0		8633	10	66.0		12194	4		3.7/8	14462	4
44.0		8633	10		2.5/8	12194	4		4	14462	4
	1.3/4	8633	10	67.0							



**CARBIDE TIPPED STRAIGHT  
SHANK CHUCKING REAMERS**

**IS : 10884 - 1984**

**GRADE OF TIP ISO K – 10**

Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
6.0		4693	20		3/8	5032	20
	1/4	4693	20	10.0		5032 **	20
7.0		4693	20		13/32	5032	20
	9/32	4693	20	11.0		5032	20
	5/16	4371	20		7/16	5032	20
8.0		4371	20		15/32	5544	20
	11/32	4371	20	12.0		5544	20
9.0		4371	20		1/2	5544	20

**CARBIDE TIPPED TAPER SHANK CHUCKING REAMERS**

**IS : 10885 – 1984**

**GRADE OF TIP ISO K – 10**

Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
6.0		4693	20		11/16	6601	10
	1/4	4693	20	18.0		6601	10
7.0		4693	20		23/32	6601	10
	9/32	4693	20	19.0		6601	10
	5/16	4371	20		3/4	6601	10
8.0		4371	20		25/32	6601	10
	11/32	4371	20	20.0		6601	10
9.0		4371	20		13/16	6601	10
	3/8	5032	20	21.0		7344	10
10.0		5032	20		27/32	7344	10
	13/32	5032	20	22.0		7344	10
11.0		5032	20		7/8	7344	10
	7/16	5032	20	23.0		7344	10
	15/32	5544	20		29/32	9440	10
12.0		5544	20	24.0		9440	10
	1/2	5544	20	25.0		9440	10
13.0		5544	20		1	9440	10
	17/32	5818	20	26.0		9618	10
14.0		5818	10	27.0		9618	10
	9/16	5818	10	28.0		9618	10
15.0		5818	10	29.0		9618	10
	19/32	6601	10	30.0		9696	10
	5/8	6601	10			9696	10
16.0		6601	10	31.0		9696	10
	21/32	6601	10	32.0		9696	10
17.0		6601	10				





<b>CARBIDE TIPPED SHELL REAMERS</b>				<b>IS : 11934 – 1987</b>			
<b>(BRAZED TYPE)</b>				<b>GRADE OF TIP ISO K – 10</b>			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
19.0		7984	3	36.0		12704	3
	3/4	7984	3		1.7/16	12704	3
	13/16	8724	3	38.0		12811	3
21.0		8724	3		1.1/2	12811	3
22.0		8724	3	39.0		12811	3
	7/8	8724	3		1.9/16	12811	3
	15/16	8781	3	41.0		14923	3
24.0		8781	3		1.5/8	14923	3
25.0		10204	3	42.0		14923	3
	1	10204	3		1.11/16	14923	3
	1.1/16	10260	3	43.0		14923	3
27.0		10260	3	44.0		14923	3
	1.1/8	12132	3		1.3/4	14923	3
29.0		12132	3		1-13/16	14923	3
30.0		12132	3	47.0		15522	3
	1.3/16	12396	3		1.7/8	15522	3
	1.1/4	12132	3	48.0		15522	3
32.0		12132	3	49.0		15522	3
33.0		12132	3		1-15/16	15522	3
	1.5/16	12167	3	50.0		15522	3
	1.3/8	12704	3		2	15522	3
35.0		12704	3				

  

<b>CARBIDE TIPPED STRAIGHT SHANK END MILLS</b>				<b>IS : 9324 – 1991</b>			
<b>(BRAZED TYPE)</b>				<b>GRADE OF TIP ISO K – 20</b>			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
	5/16	3486	25		1/2	3717	25
8.0		3486	25		5/8	3932	20
	3/8	3495	25	16.0		3932	20
10.0		3495	25		3/4	4583	20
12.0		3717	25	20.0		4583	20

  

<b>CARBIDE TIPPED TAPER SHANK END MILLS</b>				<b>IS : 9324 – 1991</b>			
				<b>GRADE OF TIP ISO K – 20</b>			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
12.0		4583	25	25.0		5451	20
	1/2	4583	25		1	5451	20
	5/8	4774	20		1-1/4	8781	15
16.0		4774	20	32.0		8781	15
	3/4	5345	20		1-1/2	10617	15
20.0		5345	20	40.0		10617	15



<b>CARBIDE TIPPED STRAIGHT SHANK SLOT DRILLS (BRAZED TYPE)</b>				<b>IS : 9325 – 1979 GRADE OF TIP ISO K – 20</b>			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
8.0	5/16	2931	70	16.0	9/16	3786	100
	3/8	2931	70		5/8	4507	60
	10.0	3/8	3018	70	16.0	4507	60
12.0	7/16	3250	70	20.0	11/16	4559	60
	1/2	3250	100		18.0	4559	60
14.0	1/2	3250	100	20.0	3/4	4627	60
		3786	100			4627	60

Tip dimensions will be based on DIN. Type-A will be supplied as Standard.

<b>CARBIDE TIPPED TAPER SHANK SLOT DRILLS (WITH TAPPED END)</b>				<b>IS : 9326 – 1979 GRADE OF TIP : ISO K – 20</b>			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
12.0	1/2	5010	100	20.0		6450	50
		5010	100		22.0		6786
14.0	9/16	5515	100	25.0	7/8	6786	20
	5/8	6314	70		25.0	1	6786
16.0	11/16	6365	50	28.0		6838	15
	3/4	6365	50		32.0	1-1/8	6838
		6450	50		1-1/4	6838	15
						6838	15

<b>CARBIDE TIPPED SIDE &amp; FACE CUTTERS (BRAZED TYPE)</b>				<b>DIN : 8047 – 1956 GRADE OF TIP : ISO K – 20</b>			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
Dia x Width mm	Dia x Width Inch			Dia x Width mm	Dia x Width Inch		
80 x 6.0	3 x 1/4	11441	3	100 x 12	4 x 1/2	14372	3
80 x 8.0	3 x 5/16	11847	3	100 x 16	4 x 5/8	15487	3
80 x 10	3 x 3/8	12145	3	125 x 12	5 x 1/2	16156	3
100 x 8.0	4 x 5/16	13223	3	125 x 14	5 x 9/16	17424	3
100 x 10	4 x 3/8	13661	3	125 x 16	5 x 5/8	17978	3

<b>CARBIDE TIPPED SHELL END MILLS (BRAZED TYPE)</b>				<b>DIN : 8056 – 1980 GRADE OF TIP : ISO K – 20</b>			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
Dia x Width mm	Dia x Width Inch			Dia x Width mm	Dia x Width Inch		
	1-1/2	4516	6		3	9334	3
40.0		4516	6	80.0		9334	3
50.0		4663	6	100		14407	3
	2	4663	6		4	12902	3
63.0		6920	3	125		18596	3
	2-1/2	6920	3		5	18596	3

<b>CARBIDE TIPPED FACE MILL CUTTERS (BRAZED TYPE)</b>				<b>TO ADDISON STANDARD GRADE OF TIP : ISO K – 20</b>			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
Dia x Width mm	Dia x Width Inch			Dia x Width mm	Dia x Width Inch		
63.0		6786	3	80		9104	3
	2-1/2	6786	3	100		14049	3
	3	9104	3		4	14049	3