



## Price List - MC 49

(With effect from 15<sup>th</sup> JUNE 2022)



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	M35 Addsonic	M35 Addsonic TIN-Coated	M42	M42 TIN-Coated	
0.3				3897	3962						200
0.4				3897	3962						200
0.5				3897	3962						200
0.6				3897	3962						200
0.7				2225	2263						200
0.8				2225 **	2263						200
0.9				2225 **	2263						200
1.0			587 *	544	553	945	700	1119			200
(1.02)		60	587	544	553						200
(1.04)		59	587	544	553						200
(1.07)		58	587	544	553						200
(1.09)		57	587	544	553						200
1.10			587 **	544	553	945	700	1119			200
(1.18)		56	587	544	553						200
(1.19)	3/64		587	544	553		700				200
1.20			587 **	544 **	553	945	700	1119			200
1.30			587 **	544	553	945	700	1119			200
(1.32)		55	587	544	553						200
1.40		54	587 **	544 **	553	945	700	1119			200
1.50			556 *	516	525	945	664	1119			200
(1.51)		53	556	516	525						200
(1.59)	1/16		556	516	525		664				200
1.60			556 *	516 **	525	945	664	1119			200
(1.61)		52	599	555	565						200
1.70			599 **	555	565	990	703	1164			200
(1.70)		51	599	555	565						200
(1.78)		50	599	555	565						200
1.80			599 *	555 **	565	990	703	1164			200
(1.85)		49	599	555	565						200
1.90			599 **	555 **	565	1017	703	1197			200
(1.93)		48	599	555	565						200
(1.98)	5/64		599	555	565		703				200
(1.99)		47	599	555	565						200
2.00			599 *	555 *	565	990	703	1164			200
(2.06)		46	599	555	565						200
(2.08)		45	599	555	565						200
2.10			599 *	555 **	565	1065	703	1239			200
(2.18)		44	599	555	565						200
2.20			599 *	555 **	565	1065	703 **	1239			200
(2.26)		43	599	555	565						200
2.30			599 *	555	565	1065	703	1239			200
(2.37)		42	599	555	565						200
(2.38)	3/32		599	555	565		703				200
2.40			599 *	555 **	565	1065	703	1239			200
(2.44)		41	599	555	565						200
(2.49)		40	599	555	565						200
2.50			599 *	555 *	565	1065	703	1239			200
(2.53)		39	599	555	565						200
(2.58)		38	599	555	565						200
2.60			599 *	555 **	565	1065	703	1239			200
(2.64)		37	599	555	565						200
2.70			599 *	555 **	565	1065	703	1239			200
(2.71)		36	599	555	565						200
(2.78)	7/64		599	555	565		717				200
(2.79)		35	655	607	617						200

ADDSONIC DRILLS - Below 3 mm will be supplied without split point

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	M35 Addsonic	M35 Addsonic TIN-Coated	M42	M42 TIN-Coated	
2.80			655 *	607 **	617	1125	717	1239	1043	1634	200
(2.82)		34	655	607	617						200
(2.87)		33	655	607	617						200
2.90			655 *	607	617	1125	717	1239	1043	1634	200
(2.95)		32	655	607	617						200
3.00			655 *	607 *	617 **	1125 **	795	1346	1043	1634	200
(3.05)		31	781	723	736		953				200
3.10			781 *	723	736	1166	953	1405	1238	1712	200
(3.17)	1/8		781 *	723 *	736		953				200
3.20			808 *	749 *	763	1194	977	1445	1291	1752	200
(3.26)		30	808	749	763		977				200
3.30			808 *	749 **	763	1194	977	1445	1291	1752	200
3.40			808 *	749	763	1194	977	1445	1291	1752	200
(3.45)		29	808	749	763		977				200
3.50			808 *	749 *	763	1194	977	1445	1291	1752	200
(3.57)		28	808	749	763		977				200
(3.57)	9/64		808 *	749 **	763		977				200
3.60			1143 *	1058	1077	1511	1393	1860	1824	2300	200
(3.66)		27	1143	1058	1077		1393				200
3.70			1143 *	1058 **	1077	1511	1393	1860	1824	2300	200
(3.73)		26	1143	1058	1077		1393				200
(3.80)		25	1143 *	1058	1077		1393				200
3.80			1143	1058 **	1077	1511	1393	1860	1824	2300	200
(3.86)		24	1143	1058	1077		1393	0	0		200
3.90			1143 *	1058	1077	1511	1393	1860	1824	2300	200
(3.91)		23	1143	1058	1077		1393				200
(3.97)	5/32		1143 *	1058 **	1077		1393				200
(3.99)		22	1143	1058	1077		1393				200
4.00			1143 *	1058 *	1077	1511	1393	1860	1824	2300	200
(4.04)		21	1394	1291	1315		1682				200
(4.09)		20	1394	1291	1315		1682				200
4.10			1394 *	1291 *	1315	1750	1682	2168	2202	2702	200
4.20			1394 *	1291 *	1315 **	1750	1682	2168	2202	2702	200
(4.22)		19	1394	1291	1315		1682				200
4.30			1394 *	1291 **	1315	1750	1682	2168	2202	2702	200
(4.30)		18	1394	1291	1315		1682				200
(4.37)	11/64		1394 *	1291	1315		1682				200
(4.39)		17	1394	1291	1315		1682				200
4.40			1394 *	1291 **	1315	1750	1682	2168	2202	2702	200
(4.50)		16	1825	1692	1721		2215				200
4.50			1825 *	1692 *	1721 **	2161	2215	2702	2892	3399	200
(4.57)		15	1825	1692	1721		2215				200
4.60			1825 **	1692	1721	2161	2215	2702	2892	3399	200
(4.62)		14	1825	1692	1721		2215				200
4.70		13	1825	1692	1721	2161	2215	2702	2892	3399	200
(4.76)	3/16		1825 *	1692 **	1721		2215				200
4.80		12	1825 *	1692 **	1721	2161	2215	2702	2892	3399	200
(4.85)		11	1979	1833	1866		2397				200
4.90			1979 *	1833 **	1866	2306	2397	2903	3140	3653	200
(4.92)		10	1979 **	1833	1866		2397				200
(4.98)		9	1979	1833	1866		2397				200
5.00			1979 *	1833 *	1866 **	2306	2397 **	2903	3140	3653	200
(5.06)		8	1952	1833	1866		2397				100
5.10			1952 *	1833 **	1866	2306	2397	2903	3140	3653	100
(5.11)		7	1952	1833	1866		2397				

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	M35 Addsonic	M35 Addsonic TIN-Coated	M42	M42 TIN-Coated	
(5.16)	13/64		1952 *	1833 *	1866		2397				100
(5.18)		6	1952	1833	1866		2397				100
5.20			1952 *	1833 *	1866	2306	2397	2903	3140	3653	100
(5.22)		5	2103	1957	1991		2568				100
5.30			2102 *	1957	1991	2430	2568	3075	3356	3884	100
(5.31)		4	2102 **	1957	1991		2568				100
5.40			2102 **	1957 **	1991	2430	2568	3075	3356	3884	100
(5.41)		3	2102	1957	1991		2568				100
5.50			2102 *	1957 *	1991 **	2430	2568	3075	3356	3884	100
(5.56)	7/32		2102 *	1957 **	1991		2568				100
5.60			2102	1957	1991	2430	2568	3075	3356	3884	100
(5.61)		2	2102	2201	2240		2892				100
5.70			2365	2201	2240	2679	2892	3392	3781	4309	100
(5.79)		1	2365 **	2201	2240		2892				100
5.80			2365 *	2201	2240	2679	2892	3392	3781	4309	100
5.90			2365 *	2201	2240	2679	2892	3392	3781	4309	100
(5.94)		A	2365	2201	2240		2892				100
(5.95)	15/64		2365	2201	2240		2892				100
6.00			2365 *	2201	2240 **	2679	2892	3392	3781	4309	100
(6.04)		B	2570	2391 *	2434		3150				100
6.10			2570 *	2391	2434	3006	3150	3778	4118	4771	100
(6.15)		C	2570	2391	2434		3150				100
6.20			2570 *	2391 **	2434	3006 **	3150	3778	4118	4771	100
(6.25)		D	2570	2391	2434		3150				100
6.30			2570 *	2391	2434	3006 **	3150	3778	4118	4771	100
(6.35)	1/4	E	2570 *	2391 *	2434		3150				100
6.40			2570 *	2391 **	2434	3006	3150	3778	4118	4771	100
6.50			3286 *	3057 *	3112 **	3691	4014	4240	5241	5936	100
(6.53)		F	3286	3057	3112		4014				100
6.60			3286 **	3057 **	3112	3743	4014	4732	5241	6004	100
(6.63)		G	3286	3057	3112		4014				100
6.70			3286 *	3057 **	3112	3743	4014	4732	5241	6004	100
(6.75)	17/64		3286 *	3057 **	3112		4014				100
(6.75)		H	3286	3057	3112		4014				100
6.80			3286 *	3057 *	3112 **	3743	4014	4732	5241	6004	100
6.90			3601 *	3351 **	3411	4045	4388	5130	5743	6507	100
(6.90)		I	3601	3351	3411		4388				100
7.00			3601 *	3351 *	3411	4045	4388	5130	5743	6507	100
(7.03)		J	3601	3351	3411		4388				100
7.10			3601 *	3351 **	3411	4045	4388	5130	5743	6507	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	M35 Addsonic	M35 Addsonic TIN-Coated	M42	M42 TIN-Coated	
(7.14)		K	3601	3351	3411		4388				100
(7.14)	9/32		3601 *	3351 **	3411		4388				100
7.20			3601 *	3351	3411	4045	4388	5130	5743	6507	100
7.30			3793 *	3529	3593	4228	4635	5381	6066	6839	100
(7.37)		L	3793	3529	3593		4635				100
(7.40)			3793 **	3529 **	3593	4228	4635 **	5381	6066	6839	100
(7.49)		M	3793	3529	3593		4635				100
7.50			3793 **	3529 **	3593	4228	4635	5381	6066	6839	100
(7.54)	19/64		4111	3825	3892		5021				100
7.60			4111 **	3825	3892	4714	5021	5951	6557	7528	100
(7.67)		N	4111	3825	3892		5021				100
7.70			4111	3825 **	3892	4714	5021	5951	6557	7528	100
7.80			4111 *	3825 **	3892	4714	5021	5951	6557	7528	100
7.90			4111 **	3825	3892	4714	5021	5951	6557	7528	100
(7.94)	5/16		4509 *	4195 *	4271		5512				100
8.00			4509 *	4195 *	4271	5096	5512	6455	7203	8190	100
(8.03)		O	4509	4195	4271		5512				100
8.10			4509 *	4195	4271	5096	5512	6455	7203	8190	100
8.20			4509 *	4195	4271	5096	5512	6455	7203	8190	100
(8.20)		P	4509	4195	4271		5512				100
8.30			5471 *	5090 **	5181	6016 *	6673	7661	8725	9754	100
(8.33)	21/64		5471 *	5090 **	5181		6673				100
8.40			5471 *	5090 **	5181	6016	6673	7661	8725	9754	100
(8.43)		Q	5471	5090	5181		6673				100
8.50			5471 *	5090 *	5181 **	6016	6673	7661	8725	9754	100
8.60			5471 *	5090 **	5181	6382	6673	8018	8725	10125	100
(8.61)		R	5471	5090	5181		6673				100
8.70			5471 *	5090 **	5181	6382	6673	8018	8725	10125	100
(8.73)	11/32		5760 *	5358	5454		7035				100
8.80			5760 *	5358 **	5454	6658	7035	8390	9190	10604	100
(8.84)		S	5760	5358	5454		7035				100
8.90			5760 **	5358	5454	6658	7035	8390	9190	10604	100
9.00			5760 *	5358 *	5454	6658	7035	8390	9190	10604	100
(9.09)		T	6008	5590	5690		7344				100
9.10			6008 *	5590	5690	6896	7344	8708	9590	11014	100
(9.13)	23/64		6008	5590	5690		7344				100
9.20			6008 *	5590	5690	6896	7344	8708	9590	11014	100
9.30			6008 **	5590 **	5690	6896	7344	8708	9590	11014	100
(9.34)		U	6008	5590 *	5690		7344				100
9.40			6008 **	5590 **	5690	6896	7331	8708	9590	11014	100
9.50			6008 *	5590 *	5690	6896	8325	8708	9590	11014	100
(9.52)	3/8		6804 *	6331 **	6444		8325				100
(9.58)		V	6804	6331	6444		8325				100
9.60			6804 *	6331 **	6444	7840	8325	9902	10868	12511	100
9.70			6804 *	6331	6444	7840	8325	9902	10868	12511	100
9.80			6804 *	6331 **	6444	7840	8325	9902	10868	12511	100
(9.80)		W	6804	6331	6444		8326				100
9.90			7615 **	7085	7211	8615	9320	10908	12172	13836	100
(9.92)	25/64		7615 **	7085	7211		9320				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	M35 Addsonic	M35 Addsonic TIN-Coated	M42	M42 TIN-Coated	
10.00			7616 *	7085 *	7211	8615	9306 **	10908	12172	13836	100
(10.08)		X	7616	7085	7211		9320				100
10.10			7616 *	7085 **	7211	9232	9320	11702	12172	13836	100
10.20			7616 *	7085 *	7211 **	9232	9306	11702	12172	13836	100
(10.26)		Y	8263	7688	7825		10094				100
10.30			8263 *	7688	7825	9232	10094	11702	13191	14884	100
(10.32)	13/32		8263 *	7688	7825		10094				100
10.40			8263 *	7688	7825	9232	10094	11702	13191	14884	100
(10.49)		Z	8263	7688	7825		10094				100
10.50			8263 *	7688	7825	9232	10094	11702	13191	14884	100
10.60			8263 *	7688	7825	9810	10094	12445	13191	15016	100
10.70			8744 *	8135	8280	9810	10687	12445	13965	15810	50
(10.72)	27/64		8744 **	8135	8280		10687				50
10.80			8744 *	8135	8280	9810	10687	12445	13965	15810	50
10.90			8744 *	8135 **	8280	9810	10687	12445	13965	15810	50
11.00			8744 *	8135 **	8280	9810	10687	12445	13965	15810	50
11.10			9760 **	9081	9242	11295	11927	14379	15779	17467	50
(11.11)	7/16		9760 *	9081 **	9242		11927				50
11.20			9760	9081	9242	11295	11927	14379	15779	17467	50
11.30			9760 **	9081	9242	11295	11927	14379	15779	17467	50
11.40			9760	9081	9242	11295	11927	14379	15779	17467	50
11.50			10297 *	9580 **	9751	11295	12572	14379	16432	18343	50
(11.51)	29/64		10297 **	9580	9751		12572				50
11.60			10297 **	9580	9751	11964	12572	15268	16432	18343	50
11.70			10297 **	9580	9751	11964	12585	15268	16432	18343	50
11.80			10297 *	9580	9751	11964	12585	15268	16432	18343	50
11.90			10998	10233	10415	11964	13436	15268	17554	19496	50
(11.91)	15/32		10998 **	10233	10415		13436				50
12.00			10998 *	10233 *	10415	11964	13424	15268	17554	19496	50
12.10			10998 *	10233	10415	12608	13436	16103	17554	19496	50
12.20			10998 *	10233	10415	12608	13436	16103	17554	19496	50
12.30			11671 **	10859	11053	12608	14251	16103	18612	20596	50
(12.30)	31/64		11671	10859	11053		14251				50
12.40			11671 **	10859	11053	12608	14251	16103	18612	20596	50
12.50			11671 *	10859 *	11053	12608	14251	16103	18612	20596	50
12.60			11671 **	10859	11053	13526	14251	17230	18612	20901	50
(12.70)	1/2		12318 *	11460 *	11665	13526	15038	17230	19659	21961	50
12.80			12318 **	11460 **	11665	13526	15038	17230	19659	21961	50
12.90			12318 **	11460	11665	13526	15038	17230	19659	21961	50
13.00			12318 *	11460 *	11665	13526	15038	17230	19659	21961	50
(13.10)	33/64		15314	14247	14502						20
13.10			15314 **	14247	14502						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	M35 Addsonic	M35 Addsonic TIN-Coated	M42	M42 TIN-Coated	
13.20			14247 **	14248	14502						20
13.30			14247 **	14248	14502						20
13.40			14247 **	14248	14502						20
(13.49)	17/32		15168 **	15169 **	15440						20
13.50			15168 *	15169 **	15440	17704					20
13.60			15168	15169	15440						20
13.70			15168 **	15169	15440						20
13.80			16303 **	15168	15440						20
(13.89)	35/64		17692	16460	16754						20
13.90			17692	16460	16754						20
14.00			17692 *	16460 **	16754	19030					20
14.25			17692	16460	16754						20
(14.29)	9/16		18558 **	17267	17575						20
14.50			18558 *	17267	17575	19858					20
(14.68)	37/64		20001	18610	18942						20
14.75			20001	18610	18942						20
15.00			20001 **	18610	18942	21236					20
(15.08)	19/32		20001	18610	18942						20
15.25			20001	18610	18942						20
(15.48)	39/64		21679	20170	20530						20
15.50			21679 **	20170	20530	23075					20
15.75			21679	20170	20530						20
(15.87)	5/8		21679	20170	20530						20
16.00			21679 *	20170	20530	23075					20
16.50			22380 **	20822	21194	24729					20
(16.67)	21/32		22380	20822	21194						20
17.00			22930 **	21335	21715	25241					20
(17.46)	11/16		22930 **	21335	21715						20
17.50			24346 **	22651	23056	26857					20
18.00			24800 **	23073	23485	27290					20
(18.26)	23/32		24800	23073	23485						20
18.50			25981 **	24173	24605	28406					20
19.00			26243 **	24417	24853	28656					20
(19.05)	3/4		26243	24417	24853						20
19.50			29515 **	27460	27951	31781					20
(19.84)	25/32		29515	27460	27951						20
20.00			31343 *	29162	29683	33528					20
(20.64)	13/16		31343	29162	29683						20
(21.43)	27/32		33336	31016	31570						20
(22.22)	7/8		33336	31016	31570						20

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

Set Rate :

1 mm to 13 mm in steps of 0.5 mm

25 Pices with Metal Box Rs. 12,876/-

25 Pieces set with Telescopic Box Rs. 11,556/-

1 mm to 13 mm in steps of 1 mm

13 Pieces Set Telescopic Box Rs. 6,087/-



### 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		607 **	200	9.20		5065	100	16.25		17305	50
(3.17)	1/8	710 *	200	9.50		5065	100	16.50		17305	50
3.20		737	200	(9.52)	3/8	5295 **	100	(16.67)	21/32	17305	50
3.50		737	200	9.80		5295	100	16.75		17650	50
(3.57)	9/64	737 **	200	(9.92)	25/64	6484	100	17.00		17650	50
3.80		1020	200	10.00		6484 **	100	17.25		17970	50
(3.97)	5/32	1020 *	200	10.20		6484	100	(17.46)	11/16	17970	50
4.00		1020 **	200	(10.32)	13/32	6970	100	17.50		17970	50
4.20		1137	200	10.50		6970	100	17.75		18214	50
(4.37)	11/64	1137	200	(10.72)	27/64	7853	50	18.00		18214 **	50
4.50		1511	200	10.80		7853	50	18.25		18533	50
(4.76)	3/16	1511 **	200	11.00		7853	50	(18.26)	23/32	18533	50
4.80		1511 **	200	(11.11)	7/16	8186	50	18.50		18533	50
5.00		1600 *	200	11.20		8186	50	18.75		18866	50
(5.16)	13/64	1600 **	100	11.50		8748	50	19.00		18866	50
5.20		1600	100	(11.51)	29/64	8748	50	(19.05)	3/4	18866	50
5.50		1727	100	11.80		8748	50	19.25		19185	50
(5.56)	7/32	1727 **	100	(11.91)	15/32	9261	50	19.50		19185	50
5.80		1945	100	12.00		9261 *	50	19.75		19185	50
(5.95)	15/64	1945	100	12.20		9261	50	(19.84)	25/32	19185	50
6.00		1945 **	100	(12.3)	31/64	10066	50	20.00		19518 **	50
6.20		2173	100	12.50		10066	50	20.25		19914	50
(6.35)	1/4	2173 **	100	(12.70)	1/2	10284	50	20.50		19914	50
6.50		2674	100	12.80		10284	50	(20.64)	13/16	19914	50
(6.75)	17/64	2674 **	100	13.00		10284	50	20.75		20720	50
6.80		2674 **	100	13.20		12035	50	21.00		20720	50
7.00		2929 **	100	(13.49)	17/32	12035	50	21.25		20976	50
(7.14)	9/32	2929 **	100	13.50		12828	50	(21.43)	27/32	20976	50
7.20		2929	100	13.80		12828	50	21.50		21679	50
7.50		3043	100	14.00		13967	50	21.75		21960	50
(7.54)	19/64	3351	100	14.25		13967	50	22.00		23354	50
7.80		3351	100	(14.29)	9/16	13967	50	(22.22)	7/8	23354	50
7.94	5/16	3683 *	100	14.50		14543	50	22.25		23675	50
8.00		3683 **	100	14.75		15732	50	22.50		23675	50
8.20		3683	100	15.00		15732	50	22.75		23675	50
(8.33)	21/64	4604	100	(15.08)	19/32	15732	50	23.00		23674	50
8.50		4604 **	100	15.25		15732	50	(23.02)	29/32	23674	25
(8.73)	11/32	4796	100	15.50		17024	50	23.25		25044	25
8.80		4796	100	15.75		17024	50	23.50		25044	25
9.00		6971	100	(15.87)	5/8	17024	50	23.75		25044	25
(9.13)	23/64	6971	100	16.00		17024	50	(23.81)	15/16	25043	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		27703	25	(28.57)	1.1/8	36775	25	(34.13)	1.11/32	65191	10
24.25		27703	25	29.00		38593	25	34.50		65191	10
24.50		27703	25	(29.37)	1.5/32	42489	25	(34.92)	1.3/8	65191	10
(24.61)	31/32	27703	25	29.50		42489	25	35.00		71689	10
24.75		27881	25	30.00		43053	25	35.50		72713	10
25.00		27881	25	(30.16)	1.3/16	43053	25	(35.72)	1.13/32	72713	10
25.25		28022	25	30.50		52812	25	36.00		72713	10
(25.40)	1	28022	25	(30.96)	1.7/32	52812	25	36.50		72713	10
25.50		31623	25	31.00		52812	25	(36.51)	1.7/16	72713	10
26.00		31623	25	31.50		53603	25	37.00		78149	10
(26.19)	1.1/32	35263	25	(31.75)	1.1/4	53603	10	(37.31)	1.15/32	79326	10
26.50		35263	25	32.00		54755	10	37.50		79326	10
(26.99)	1.1/16	27703	25	32.50		56470	10	38.00		79326	10
27.00		27703	25	(32.54)	1.9/32	56470	10	(38.10)	1.1/2	79326	10
27.50		34486	25	33.00		56470	10	38.50		88572	10
(27.78)	1.3/32	39777	25	(33.34)	1.5/16	56470	10	39.00		88572	10
28.00		39777	25	33.50		59398	10	39.50		90108	10
28.50		36775	25	34.00		59398	10	40.00		90108	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	307				50	(5.56)	7/32	91	139	572 **				50
1.10		37	60	307				50	5.80		91	139	623 **				50
(1.19)	3/64	41	65	307				50	(5.95)	15/64	91	139	623				50
1.20		41	65	307				50	6.00		91	139	623 *	778	821	857	50
1.30		41	65	307				50	6.20		97	148	709 **				50
1.40		45	70	307				50	(6.35)	1/4	97	148	646 **	816	872	929	50
1.50		45	70	307 *				50	6.50		97	148	904 **	1138	1195	1253	50
(1.59)	1/16	50	76	307				50	(6.75)	17/64	102	156	1089				50
1.60		50	76	307 **				50	6.80		102	156	1089 **				50
1.70		50	76	307				50	7.00		102	156	1089 *	1374	1470	1564	50
1.80		53	80	307				50	(7.14)	9/32	102	156	1089				50
1.90		53	80	307 **				50	7.20		102	156	1089				50
(1.98)	5/64	56	85	307				50	7.50		102	156	1089 **	1374	1470	1564	50
2.00		56	85	307 *				50	(7.54)	19/64	109	165	1089				50
2.10		56	85	307 **				50	7.80		109	165	1089 **				50
2.20		59	90	307 **				50	(7.94)	5/16	109	165	1122	1416	1519	1622	50
2.30		59	90	389 **				50	8.00		109	165	1122 *	1416	1519	1622	50
(2.38)	3/32	62	95	389				50	8.20		109	165	1122 **				50
2.40		62	95	389 **				50	(8.33)	21/64	109	165	1122				50
2.50		62	95	389 *				50	8.50		109	165	1132 *	1415 *	1530	1634	50
2.60		62	95	389 *				50	(8.73)	11/32	115	175	1189				50
2.70		66	100	389 **				50	8.80		115	175	1438				50
(2.78)	7/64	66	100	389				50	9.00		115	175	1249 *	1576	1679	1782	50
2.80		66	100	389				50	(9.13)	23/64	115	175	1412				50
2.90		66	100	389				50	9.20		115	175	1438				50
3.00		66	100	393 *	491	528	559	50	9.50		115	175	1249 **	1576	1679	1782	50
(3.17)	1/8	69	106	393 **	495	528	559	50	(9.52)	3/8	121	184	1249	1576	1679	1782	25
3.20		69	106	393 **				50	9.80		121	184	1445 **				25
3.50		73	112	393 *	495	528	559	50	(9.92)	25/64	121	184	1445				25
(3.57)	9/64	73	112	393				50	10.00		121	184	1309 **	1650	1788	1928	25
3.80		78	119	423				50	10.20		121	184	1445 **				25
(3.97)	5/32	78	119	423				50	(10.32)	13/32	121	184	1309				25
4.00		78	119	423 *	533	564	598	50	10.50		121	184	1570 **	1980	2119	2256	25
4.20		78	119	423 **				50	(10.72)	27/64	128	195	1784				25
(4.37)	11/64	82	126	423				50	10.8		128	195	1784				25
4.50		82	126	423 **	533	564	598	50	11.0		128	195	1642 **	2072	2211	2349	25
(4.76)	3/16	87	132	423 **	533	564	598	50	(11.11)	7/16	128	195	1642	2072	2211	2349	25
4.80		87	132	423				50	11.2		128	195	1909				25
5.00		87	132	498 *	628	664	700	50	11.5		128	195	1690	2130	2269	2409	25
(5.16)	13/64	87	132	498				50	(11.51)	29/64	128	195	1690				25
5.20		87	132	498 **				50	11.8		128	195	1909				25
5.50		91	139	572 **	721	756	793	50	(11.91)	15/32	134	205	1689				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	1741 **	2196	2341	2486	25	(18.65)	47/64	162	247	3534				25
12.2		134	205	1941				25	18.75		162	247	3571				25
(12.30)	31/64	134	205	1941				25	19.0		162	247	3571	4505	4802	5099	25
12.5		134	205	1741	2196	2341	2486	25	(19.05)	3/4	166	254	3571	4505	4802	5099	25
(12.70)	1/2	134	205	1741	2196	2341	2486	25	19.25		166	254	3774				25
12.8		134	205	2665				25	(19.45)	49/64	166	254	4123				25
13.0		134	205	2417 **	3047	3193	3338	25	19.5		166	254	3774	4760	5094	5427	25
(13.10)	33/64	134	205	2686				25	19.75		166	254	3774				25
13.2		134	205	2686				25	(19.84)	25/32	166	254	3774				25
(13.49)	17/32	140	214	2463				25	20.0		166	254	4005	5053	5385	5718	25
13.5		140	214	2686	3388	3610	3835	25	(20.24)	51/64	171	261	4252				25
13.8		140	214	2923				25	20.25		171	261	4005				25
(13.89)	35/64	140	214	2923				25	20.5		171	261	4005	5053	5385	5718	25
14.0		140	214	2686	3388	3610	3835	25	(20.64)	13/16	171	261	4005	5053	5385	5718	25
14.25		144	220	2686				25	20.75		171	261	4123				25
(14.29)	9/16	144	220	2686	3388	3610	3835	25	21.0		171	261	4123	5201	5577	5951	25
14.5		144	220	2814	3551	3794	4039	25	(21.03)	53/64	171	261	4512				25
(14.68)	37/64	144	220	3099				25	21.25		176	268	4252				25
14.75		144	220	2814				25	(21.43)	27/32	176	268	4252				25
15.0		144	220	2814	3551	3794	4039	25	21.5		176	268	4512	5691	6067	6444	25
(15.08)	19/32	149	227	2814				25	21.75		176	268	4512				25
15.25		149	227	2923				25	(21.83)	55/64	176	268	4825				25
(15.48)	39/64	149	227	3193				25	22.0		176	268	4513	5691	6067	6444	25
15.5		149	227	2923	3688	3932	4175	25	(22.22)	7/8	176	268	4513	5691	6067	6444	25
15.75		149	227	2923				25	22.25		176	268	4883				25
(15.87)	5/8	149	227	2923	3688	3932	4175	25	22.5		180	275	4883	6161	6621	7081	25
16.0		149	227	2970	3747	3990	4235	25	(22.62)	57/64	180	275	5217				25
16.25		154	235	2970				25	22.75		180	275	4995				25
(16.27)	41/64	154	235	3303				25	23.0		180	275	4995	6302	6761	7223	25
16.5		154	235	3025	3816	4075	4332	25	(23.02)	29/32	180	275	4995				25
(16.67)	21/32	154	235	3025				25	23.25		180	275	5062				25
16.75		154	235	3099				25	(23.42)	59/64	180	275	5964				25
17.0		154	235	3099	3909	4166	4424	25	23.5		180	275	5540	6988	7449	7911	25
(17.07)	43/64	158	241	3366				25	23.75		185	282	5540				25
17.25		158	241	3099				25	(23.81)	15/16	185	282	5540	6988	7509	8030	25
(17.46)	11/16	158	241	3099	3909	4166	4424	25	24.0		185	282	5776	7286	7806	8327	25
17.5		158	241	3303	4168	4424	4683	25	(24.21)	61/64	185	282	6303				25
17.75		158	241	3303				25	24.25		185	282	5776				25
(17.86)	45/64	158	241	3653				25	24.5		185	282	5776	7286	7806	8327	25
18.0		158	241	3366	4248	4507	4765	25	(24.61)	31/32	185	282	5776				25
18.25		162	247	3366				25	24.75		185	282	6192				25
(18.26)	23/32	162	247	3366				25	25.0	63/64	185	282	6192	7811	8332	8853	25
18.5		162	247	3506	4423	4722	5019	25	(25.40)	1	190	290	6272	7913	8643	9372	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	1131 **	1385	1566	1864	2197	2742		50
3.5		1101 **	1283	1652	2052	2470	3151		50
4	5/32	1101 **	1283	1652 **	2052	2470	3151	4345	50
4.5		1129	1385	1652	2052	2470	3244	4345	50
5	3/16	1129 *	1441 **	1789 **	2196	2594 **	3438 **	4559	50
5.5	7/32	1235	1541	2070	2341	2762	3653	4752	25
6		1235 **	1608	1967 *	2383	2858 *	3742 **	4933 **	25
6.5	1/4			2014		2911	3919	4933	25
7				2234 **		3204	4430 **	5536	25
7.5	9/32			2276		3400 **	4511	5536	25
8	5/16			2386 *		3545 *	4622 *	5666 **	25
8.5	11/32			2464 *		3620 **	4707 **	6052	25
9				2464 **		3620 **	4707	6052	25
9.5	3/8			2595		3641	4810	6246	25
10				2701 **		3742 **	5025 **	6527	25
10.5	13/32			2793		3996	5213	6863	25
11						4134	5372	7081	25
11.5	7/16					4134	5372	7081	25
12	15/32					4340 **	5698 **	7266	25
12.5	1/2					4476	5881	7749	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	492 **			663	994	100
(3.17)	1/8	MT1	492			693	1040	100
3.20		MT1	513			693	1040	100
3.50		MT1	492			663	994	100
(3.57)	9/64	MT1	513			693	1040	100
3.80		MT1	513			693	1040	100
(3.97)	5/32	MT1	492			663	994	100
4.00		MT1	492			663	994	100
4.20		MT1	662 **			892	1338	100
(4.37)	11/64	MT1	662			892	1338	100
4.50		MT1	662 **			892	1338	100
(4.76)	3/16	MT1	662			918	1377	100
4.80		MT1	681			918	1377	100
5.00		MT1	662 *			892	1338	100
(5.16)	13/64	MT1	681			918	1377	100
5.20		MT1	681 **			918	1377	100
5.50		MT1	662 **			892	1338	100
(5.56)	7/32	MT1	662			918	1377	100
5.80		MT1	681			918	1377	100
(5.95)	15/64	MT1	681			918	1377	100
6.00		MT1	662 **			892	1338	100
6.20		MT1	763			1029	1543	100
(6.35)	1/4	MT1	754			1110	1665	100
6.50		MT1	822			1110	1665	100
(6.75)	17/64	MT1	831 **			1124	1687	100
6.80		MT1	831 *			1124	1687	100
7.00		MT1	822			1110	1665	100
(7.14)	9/32	MT1	822 **			1124	1687	100
7.20		MT1	831			1124	1687	100
7.50		MT1	822 **			1110	1665	100
(7.54)	19/64	MT1	831			1124	1687	100
7.80		MT1	831			1124	1687	100
(7.94)	5/16	MT1	822			1110	1665	100
8.00		MT1	822			1110	1665	100
8.20		MT1	1004 **			1356	2034	100
(8.33)	21/64	MT1	1057			1239	1855	100
8.50		MT1	917 *			1239	1855	100
(8.73)	11/32	MT1	1004			1489	2234	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	1104**			1490	2234	100
9.00		MT1	1004 **			1355	2034	100
(9.13)	23/64	MT1	1104			1490	2234	100
9.20		MT1	1104 **			1490	2234	100
9.50		MT1	1004 **			1355	2034	100
(9.52)	3/8	MT1	1004			1355	2034	100
9.80		MT1	1184 **			1598	2397	100
(9.92)	25/64	MT1	1184			1446	2171	100
10.00		MT1	1043 *	1304	1565	1408	2114	50
10.20		MT1	1172 *			1583	2375	50
(10.32)	13/32	MT1	1133 **			1878	2815	50
10.50		MT1	1390 *	1738	2085	1878	2815	50
(10.72)	27/64	MT1	1441			1945	2917	50
10.80		MT1	1441 **			1945	2917	50
11.00		MT1	1441 *	1801	2161	1945	2917	50
(11.11)	7/16	MT1	1441 **	1801	2161	2010	3015	50
11.20		MT1	1489			2010	3015	50
11.50		MT1	1489 *	1862	2233	2010	3015	50
(11.51)	29/64	MT1	1489			2010	3015	50
11.80		MT1	1489			2010	3015	50
(11.91)	15/32	MT1	1489 **			2031	3020	50
12.00		MT1	1503 *	1880	2257	2031	3045	50
12.20		MT1	1503 **			2031	3045	50
(12.30)	31/64	MT1	1503 **			2031	3045	50
12.50		MT1	1503 *	1880	2257	2031	3045	50
(12.70)	1/2	MT1	1503 *	1880	2257	2823	4232	50
12.80		MT1	2090			2823	4232	50
13.00		MT1	2090 *	2612	3134	2823	4232	50
(13.10)	33/64	MT1	2182 **			2945	4418	50
13.20		MT1	2182 **			2945	4418	50
(13.49)	17/32	MT1	2182 *			3153	4733	50
13.50		MT1	2336 *	2921	3505	3153	4733	50
13.80		MT1	2336 *			3153	4733	50
(13.89)	35/64	MT1	2336 **			3153	4733	50
14.00		MT1	2336 *	2921 **	3505	3153	4733	50
14.25		MT2	2510 *			3388	5084	50
(14.29)	9/16	MT2	2510 *	3138	3765	3388	5084	50
14.50		MT2	2610 *			3522	5284	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	2610			3522	5284	50
14.75		MT2	2610 *			3522	5284	50
15.00		MT2	2610 **	3262	3915	3522	5284	50
(15.08)	19/32	MT2	2610 *			3522	5284	50
15.25		MT2	2645 *			3571	5358	50
(15.48)	39/64	MT2	2645			3571	5358	50
15.50		MT2	2645 *	3307	3969	3571	5358	50
15.75		MT2	2645 **			3571	5358	50
(15.87)	5/8	MT2	2645 *	3307	3969	3679	5518	50
16.00		MT2	2724 *	3406	4088	3679	5518	50
16.25		MT2	2724 *			3679	5518	50
(16.27)	41/64	MT2	2724 **			3679	5518	50
16.50		MT2	2894 *	3618	4342	3907	5861	50
(16.67)	21/32	MT2	2894 **			3907	5861	50
16.75		MT2	2894 **			3907	5861	50
17.00		MT2	2894 *	3618	4342	3907	5861	50
(17.07)	43/64	MT2	2943			3907	5861	50
17.25		MT2	2943 *			3972	5958	50
(17.46)	11/16	MT2	2943 *	3678	4413	4121	6184	50
17.5		MT2	3054 *	3817	4581	4121	6184	50
17.75		MT2	3097 **			4182	6273	50
(17.86)	45/64	MT2	3217			4344	6515	50
18.00		MT2	3217 *	4023	4827	4344	6515	50
18.25		MT2	3217 *			4344	6515	50
(18.26)	23/32	MT2	3217 **			4344	6515	50
18.50		MT2	3217 *	4023	4827	4344	6515	50
(18.65)	47/64	MT2	3257 **			4396	6594	50
18.75		MT2	3257 **			4396	6594	50
19.00		MT2	3257 *	4070	4885	4396	6594	50
(19.05)	3/4	MT2	3257 *	4070	4885	4396	6594	50
19.25		MT2	3421 *			4619	6927	50
(19.45)	49/64	MT2	3421			4619	6927	50
19.50		MT2	3421 *	4277	5132	4619	6927	50
19.75		MT2	3421 **			4619	6927	50
(19.84)	25/32	MT2	3421			4965	7448	50
20.00		MT2	3679 *	4598	5516	4965	7448	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	3722			25
20.25		MT2	3722 *			25
20.50		MT2	3722 *	4652	5583	25
(20.64)	13/16	MT2	3722 **	4652	5583	25
20.75		MT2	3882 **			25
21.00		MT2	3882 *	4853	5823	25
(21.03)	53/64	MT2	3979			25
21.25		MT2	3979 **			25
(21.43)	27/32	MT2	3979 **			25
21.50		MT2	4102 *	5128	6153	25
21.75		MT2	4102			25
(21.83)	55/64	MT2	4177			25
22.00		MT2	4177 *	5222	6265	25
(22.22)	7/8	MT2	4177 *	5222	6265	25
22.25		MT2	4552			25
22.50		MT2	4552 *	5690	6828	25
(22.62)	57/64	MT2	4641			25
22.75		MT2	4641			25
23.00		MT2	4641 *	5800	6960	25
(23.02)	29/32	MT3	4867			25
23.25		MT3	5389 **			25
(23.42)	59/64	MT3	5526			25
23.50		MT3	5526	6906	8287	25
23.75		MT3	5526			25
(23.81)	15/16	MT3	5526	6906	8287	25
24.00		MT3	5688 *	7109	8531	25
(24.21)	61/64	MT3	5784			25
24.25		MT3	5784 **			25
24.50		MT3	5784 *	7230	8676	25
(24.61)	31/32	MT3	5784			25
24.75		MT3	6043 **			25
25.00		MT3	6043 *	7553	9065	25
(25.00)	63/64	MT3	6043			25
25.25		MT3	6124			25
(25.40)	1	MT3	6124 *	7655	9185	25
25.50		MT3	6657 *	8320	9984	25
25.75		MT3	6657			25
(25.80)	1.1/64	MT3	6729			25
26.00		MT3	6729 *	8411	10093	25
(26.19)	1.1/32	MT3	6729			25
26.25		MT3	6930 **			25
26.50		MT3	6930 *	8664	10396	25
(26.59)	1.3/64	MT3	7091			25
26.75		MT3	7091			25
(26.99)	1.1/16	MT3	7091	8864	10636	25
27.00		MT3	7322 *	9153	10984	25
27.25		MT3	7322			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	7346			25
27.50		MT3	7346 *	9184	11021	25
27.75		MT3	7346 **			25
(27.78)	1.3/32	MT3	7346			25
28.00		MT3	8032 *	10040	12049	25
(28.18)	1.7/64	MT3	8056 *			25
28.25		MT3	8056			25
28.50		MT3	8056 *	10070	12084	25
(28.57)	1.1/8	MT3	8056 **	10070	12084	25
28.75		MT3	8300			25
(28.97)	1.9/64	MT3	8435			25
29.00		MT3	8435 *	10544	12654	25
29.25		MT3	8435			25
(29.37)	1.5/32	MT3	8435			25
29.50		MT3	8468	10584	12702	25
29.75		MT3	8468			25
(29.77)	1.11/64	MT3	8645			25
30.00		MT3	8645 *	10805	12966	25
(30.16)	1.3/16	MT3	9128 **	11412	13694	25
30.25		MT3	9830			25
30.50		MT3	9830 *	12288	14746	25
(30.56)	1.13/64	MT3	9988			25
30.75		MT3	9988			25
(30.96)	1.7/32	MT3	9988			25
31.00		MT3	11116 *	13895	16674	25
31.25		MT3	11116			25
(31.35)	1.15/64	MT3	11602			25
31.50		MT3	11602 *	14502	17402	25
(31.75)	1.1/4	MT3	11602 *	14502	17402	25
31.75		MT3	11602 *			25
32.00		MT4	12702 *			25
(32.15)	1.17/64	MT4	12702			25
32.50		MT4	12702 *			25
(32.54)	1.9/32	MT4	12702			25
(32.94)	1.19/64	MT4	13006			25
33.00		MT4	13006 *			25
(33.34)	1.5/16	MT4	13006 **			25
33.50		MT4	13452 **			25
(33.73)	1.21/64	MT4	13705			25
34.00		MT4	13705 *			25
(34.13)	1.11/32	MT4	14287			25
34.50		MT4	15011 **			25
(34.53)	1.23/64	MT4	15148			25
(34.92)	1.3/8	MT4	15148			25
35.00		MT4	15148 *			25
(35.32)	1.25/64	MT4	16055			25
35.50		MT4	16055 **			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	16055	15	(46.83)	1.27/32	MT4	28033	10
36.00		MT4	16291 *	15	47.00		MT4	28033 **	10
(36.12)	1.27/64	MT4	16626	10	(47.23)	1.55/64	MT4	28618	10
36.50		MT4	16626 **	10	47.50		MT4	28618	10
(36.51)	1.7/16	MT4	16626	10	(47.62)	1.7/8	MT4	28618	10
(36.91)	1.29/64	MT4	16626	10	48.00		MT4	31207 *	10
37.00		MT4	17037 *	10	(48.02)	1.57/64	MT4	31207	10
(37.31)	1.15/32	MT4	17037	10	(48.42)	1.29/32	MT4	31436	10
37.50		MT4	18143 **	10	48.50		MT4	31437	10
(37.70)	1.31/64	MT4	18428	10	(48.82)	1.59/64	MT4	31437	10
38.00		MT4	18428 *	10	49.00		MT4	31437 **	10
(38.10)	1.1/2	MT4	18428	10	(49.21)	1.15/16	MT4	31437	10
(38.50)	1.33/64	MT4	19001	10	49.50		MT4	31774 **	10
38.50		MT4	19001	10	(49.61)	1.61/64	MT4	31774	10
(38.89)	1.17/32	MT4	19001	10	50.00		MT4	31774 *	10
39.00		MT4	20123 *	10	(50.01)	1.31/32	MT4	32025	10
(39.29)	1.35/64	MT4	20123	10	(50.40)	1.63/64	MT4	33464	10
39.50		MT4	20123	10	50.50		MT4	33464	10
(39.69)	1.9/16	MT4	20123	10	(50.80)	2	MT4	33464 **	10
40.00		MT4	20641 *	10	51.00		MT5	45434 **	5
(40.08)	1.37/64	MT4	20982	10	51.50		MT5	45434 **	5
(40.48)	1.19/32	MT4	20982	10	(51.59)	2.1/32	MT5	45434	5
40.50		MT4	21821	10	52.00		MT5	45434 *	5
(40.88)	1.39/64	MT4	21821	10	(52.39)	2.1/16	MT5	45434	5
41.00		MT4	21821 *	10	52.50		MT5	59131	5
(41.27)	1.5/8	MT4	21821 **	10	53.00		MT5	59131	5
41.50		MT4	22678	10	(53.18)	2.3/32	MT5	59131	5
(41.67)	1.41/64	MT4	22678	10	53.50		MT5	59131	5
42.00		MT4	22678 *	10	(53.97)	2.1/8	MT5	59131	5
(42.07)	1.21/32	MT4	22678	10	54.00		MT5	59131 **	5
(42.47)	1.43/64	MT4	23257	10	54.50		MT5	62117	5
42.50		MT4	23257 **	10	(54.77)	2.5/32	MT5	62117	5
(42.86)	1.11/16	MT4	23541	10	55.00		MT5	62117 *	5
43.00		MT4	24095 **	10	55.50		MT5	62117	5
(43.26)	1.45/64	MT4	24095	10	(55.56)	2.3/16	MT5	62117	5
43.50		MT4	24095 **	10	56.00		MT5	64728 **	5
(43.66)	1.23/32	MT4	24095	10	(56.36)	2.7/32	MT5	64728	5
44.00		MT4	24946 *	10	56.50		MT5	64728 **	5
(44.05)	1.47/64	MT4	24946	10	57.00		MT5	64728 **	5
(44.45)	1.3/4	MT4	24946	10	(57.15)	2.1/4	MT5	64728	5
44.50		MT4	24946	10	57.50		MT5	70639	5
(44.85)	1.49/64	MT4	25531	10	(57.94)	2.9/32	MT5	70639	5
45.00		MT4	25531 *	10	58.00		MT5	70639 **	5
(45.24)	1.25/32	MT4	25531	10	58.50		MT5	70639	5
45.50		MT4	26687	10	(58.74)	2.5/16	MT5	70639	5
(45.64)	1.51/64	MT4	26687	10	59.00		MT5	71989	5
46.00		MT4	26687	10	59.50		MT5	71989	5
(46.04)	1.13/16	MT4	26687	10	(59.53)	2.11/32	MT5	71989	5
(46.43)	1.53/64	MT4	28033	10	60.00		MT5	71989	5
46.50		MT4	28033	10	(60.32)	2.3/8	MT5	71989 *	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	76518	5	(76.99)	3.1/32	MT6	167336	2
61.00		MT5	76518 **	5	77.00		MT6	167336	2
(61.12)	2.13/32	MT5	76518	5	(77.79)	3.1/16	MT6	167336	2
61.50		MT5	76518	5	78.00		MT6	167336	2
(61.91)	2.7/16	MT5	76518	5	(78.58)	3.3/32	MT6	170673	2
62.00		MT5	76518 **	5	79.00		MT6	170673	2
62.50		MT5	76518	5	(79.37)	3.1/8	MT6	175203	2
(62.71)	2.15/32	MT5	77806	5	80.00		MT6	175203	2
63.00		MT5	77806 **	5	(80.17)	3.5/32	MT6	187396	2
(63.50)	2.1/2	MT5	77806 **	5	(80.96)	3.3/16	MT6	187396	2
64.00		MT5	85995	5	81.00		MT6	187396	2
(64.29)	2.17/32	MT5	85995	5	(81.76)	3.7/32	MT6	192267	2
64.50		MT5	85995	5	82.00		MT6	192267	2
65.00		MT5	85995 **	5	(82.55)	3.1/4	MT6	192267	2
(65.09)	2.9/16	MT5	85995	5	83.00		MT6	196238	2
65.50		MT5	86635	5	(83.34)	3.9/32	MT6	196238	2
(65.88)	2.19/32	MT5	86635	5	84.00		MT6	196238	2
66.00		MT5	86635	5	(84.14)	3.5/16	MT6	199500	2
66.50		MT5	86635	5	(84.93)	3.11/32	MT6	199500	2
(66.67)	2.5/8	MT5	86635 **	5	85.00		MT6	199500	2
67.00		MT5	88747	5	(85.72)	3.3/8	MT6	227561	2
(67.47)	2.21/32	MT5	95265	3	86.00		MT6	227561	2
67.50		MT5	95265	3	(86.52)	3.13/32	MT6	227561	2
68.00		MT5	95265	3	87.00		MT6	227561	2
(68.26)	2.11/16	MT5	95265	3	(87.31)	3.7/16	MT6	232318	2
68.50		MT5	102200	3	88.00		MT6	232318	2
69.00		MT5	103259	3	(88.11)	3.15/32	MT6	232318	2
(69.05)	2.23/32	MT5	103259	3	(88.90)	3.1/2	MT6	232318	2
69.50		MT5	103259	3	89.00		MT6	232318	2
(69.85)	2.3/4	MT5	103259	3	90.00		MT6	237057	2
70.00		MT5	103259 *	3	(90.49)	3.9/16	MT6	245898	2
70.50		MT5	110168	3	91.00		MT6	245898	2
(70.64)	2.25/32	MT5	111367	3	92.00		MT6	245898	2
71.00		MT5	111367	3	(92.07)	3.5/8	MT6	253926	2
(71.44)	2.13/16	MT5	111367	3	93.00		MT6	253926	2
71.50		MT5	111367	3	(93.66)	3.11/16	MT6	263530	2
72.00		MT5	113520	3	94.00		MT6	263530	2
(72.23)	2.27/32	MT5	113520	3	95.00		MT6	263530	2
72.50		MT5	113520	3	(95.25)	3.3/4	MT6	263530	2
73.00		MT5	113520	3	96.00		MT6	272353	2
(73.02)	2.7/8	MT5	113520	3	(96.84)	3.13/16	MT6	272353	2
73.50		MT5	119550	3	97.00		MT6	272353	2
(73.82)	2.29/32	MT5	120814	3	98.00		MT6	277170	2
74.00		MT5	120814 *	3	(98.42)	3.7/8	MT6	281127	2
74.50		MT5	120814	3	99.00		MT6	281127	2
(74.61)	2.15/16	MT5	120814	3	100.00		MT6	281127	2
75.00		MT5	122318 *	3	(100.01)	3.15/16	MT6	285943	2
(75.41)	2.31/32	MT5	122318	3	101.00		MT6	284824	2
75.50		MT5	122318	3	(101.60)	4	MT6	285943	2
76.00		MT5	122318	3	102.00		MT6	285943	2
(76.20)	3	MT5	122318	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	1483	25	14		142	223	MT1	4319 **	25
5.2		74	155	MT1	1483	25	14.25		147	245	MT2	5390	25
5.5	(7/32)	80	161	MT1	1652	25	14.5	(9/16)	147	245	MT2	5390	25
5.8		80	161	MT1	1652	25	14.75		147	245	MT2	5508	25
6		80	161	MT1	1652	25	15		147	245	MT2	5508	25
6.2		86	167	MT1	1839	25	15.25		153	251	MT2	5636	25
6.5	(1/4)	86	167	MT1	1839	25	15.5		153	251	MT2	5636	25
6.8		93	174	MT1	1983	25	15.75		153	251	MT2	5779	25
7		93	174	MT1	1983	25	16	(5/8)	153	251	MT2	5779	25
7.2		93	174	MT1	2047	25	16.25		159	257	MT2	5881 **	25
7.5		93	174	MT1	2047	25	16.5		159	257	MT2	5881	25
7.8		100	181	MT1	2164	25	16.75		159	257	MT2	6006	25
8	(5/16)	100	181	MT1	2164 **	25	17		159	257	MT2	6006	25
8.2		100	181	MT1	2209	25	17.25		165	263	MT2	6522	25
8.5		100	181	MT1	2209 **	25	17.5	(11/16)	165	263	MT2	6522	25
8.8		107	188	MT1	2394	25	17.75		165	263	MT2	6537	25
9		107	188	MT1	2394 **	25	18		165	263	MT2	6537 **	25
9.2		107	188	MT1	2451	25	18.25		171	269	MT2	6640	25
9.5	(3/8)	107	188	MT1	2451	25	18.5		171	269	MT2	6640	25
9.8		116	197	MT1	2782	25	18.75		171	269	MT2	6746	25
10		116	197	MT1	2782 **	25	19	(3/4)	171	269	MT2	6746	25
10.2		116	197	MT1	2861	25	19.25		177	275	MT2	6930	25
10.5		116	197	MT1	2861 **	25	19.5		177	275	MT2	6930	25
10.8		125	206	MT1	2923	25	19.75		177	275	MT2	7047	25
11		125	206	MT1	2923	25	20		177	275	MT2	7047	25
11.2		125	206	MT1	3031	25	20.25		184	282	MT2	7164	25
11.5	(7/16)	125	206	MT1	3031	25	20.5		184	282	MT2	7164	25
11.8		125	206	MT1	3031	25	20.75		184	282	MT2	7296	25
12		134	215	MT1	3595	25	21	(13/16)	184	282	MT2	7296	25
12.2		134	215	MT1	3789	25	21.25		191	289	MT2	8475	25
12.5	(1/2)	134	215	MT1	3789	25	21.5		191	289	MT2	8475	25
12.8		134	215	MT1	3789	25	21.75		191	289	MT2	8645	25
13		134	215	MT1	3789	25	22		191	289	MT2	8645	25
13.2		134	215	MT1	3789	25	22.25		191	289	MT2	9233	25
13.5		142	223	MT1	4152	25	22.5	(7/8)	198	296	MT2	9233	25
13.8		142	223	MT1	4319	25	22.75		198	296	MT2	9675	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	9675	25	32.5		248	397	MT4	24961	10
23.25		198	319	MT3	11821	25	33	(1.5/16)	248	397	MT4	24961	10
23.5		198	319	MT3	11821	25	33.5		248	397	MT4	26049	10
23.75		206	327	MT3	11821	25	34		257	406	MT4	26049	10
24	(15/16)	206	327	MT3	11821	25	34.5		257	406	MT4	27187	10
24.25		206	327	MT3	12338	25	35	(1.3/8)	257	406	MT4	27187	10
24.5		206	327	MT3	12338	25	35.5		257	406	MT4	27187	10
24.75		206	327	MT3	12788	25	36		267	416	MT4	29792	10
25		206	327	MT3	12788 **	25	36.5		267	416	MT4	30907	10
25.25		214	335	MT3	12788	25	37	(1.7/16)	267	416	MT4	30907	10
25.5	(1)	214	335	MT3	12788	25	37.5		267	416	MT4	33470	10
25.75		214	335	MT3	13299	25	38	(1.1/2)	277	426	MT4	33470	10
26		214	335	MT3	13299 **	25	38.5		277	426	MT4	34570	10
26.25		214	335	MT3	13684	25	39		277	426	MT4	34570	10
26.5		214	335	MT3	13684 **	25	39.5		277	426	MT4	35938	10
26.75		222	343	MT3	16216	25	40		277	426	MT4	35938	10
27	(1.1/16)	222	343	MT3	16216	25	40.5		287	436	MT4	35938	10
27.25		222	343	MT3	16734	25	41	(1.5/8)	287	436	MT4	35938	10
27.5		222	343	MT3	16734	25	41.5		287	436	MT4	37775	10
27.75		222	343	MT3	17248	25	42		287	436	MT4	37775	10
28		222	343	MT3	17248	25	42.5		287	436	MT4	39966	10
28.25		230	351	MT3	17804	25	43		298	447	MT4	42934	10
28.5	(1.1/8)	230	351	MT3	17804	25	43.5		298	447	MT4	45259	10
28.75		230	351	MT3	18303	25	44		298	447	MT4	45259	10
29		230	351	MT3	18303	25	44.5		298	447	MT4	47121	10
29.25		230	351	MT3	18810	25	45	(1.3/4)	298	447	MT4	47121	10
29.5		230	351	MT3	18810	25	45.5		310	459	MT4	49681	10
29.75		230	351	MT3	19342	25	46	(1.13/16)	310	459	MT4	49681	10
30	(1.3/16)	230	351	MT3	19342	25	46.5		310	459	MT4	51701	10
30.25		239	360	MT3	19858	25	47		310	459	MT4	51701	10
30.5		239	360	MT3	19858	25	47.5		310	459	MT4	54314	10
30.75		239	360	MT3	19858	25	48	(1.7/8)	321	470	MT4	54314	10
31		239	360	MT3	19858	25	48.5		321	470	MT4	59485	10
31.25		239	360	MT3	20001	25	49	(1.15/16)	321	470	MT4	59485	10
31.5		239	360	MT3	20001	25	49.5		321	470	MT4	59485	10
31.75	(1.1/4)	248	369	MT3	20773	25	50		321	470	MT4	62551	10
32		248	397	MT4	23927	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	2085	2451	2715	3089	3501		4043				25
3.5		2144	2451	2791	3164	3593		4154				25
4	5/32	2144	2451	2791	3164	3593		4154				25
4.5		2197	2520	2791	3240	3810		4370				25
5	3/16	2197	2520	2791	3240	3810		4370				25
5.5	7/32	2197	2536	2926 **	3431	3891		4487				25
6		2211 **	2536	2958	3431	3891 **	4252	4487				25
6.5	1/4	2242	2617	2972	3604	4043	4386	4620				25
7		2442 **	2750	3088	3673	4232	4655	4849				25
7.5		2470	2818	3177	3740	4342	4757	4943				25
8	5/16	2581 **	2880	3303 **	3875	4453 **	4834	5080				25
8.5		2665 *	2992 **	3367 **	3943	4535 **	4891	5221				25
9		2708 **	3033	3448 **	3963	4569	5022	5264				25
9.5	3/8	2775	3071	3448 **	4074	4685 **	5089	5288				25
10		2782 **	3149 **	3551 **	4145	4774	5213	5436	6083	6858	7628 **	25
10.5		2861	3267 **	3789 **	4381	5022	5437	5710	6528	7335	8266	25
11		2925	3368	3825	4452	5113	5615	5855	6647	7453	8333	25
11.5	7/16	3031	3437	3923	4562	5239	5710	5964	6827	7650	8551	25
12			3596 **	4095	4742	5436	5931	6231	7046	7823	8774 **	25
12.5	1/2		3789	4232	4915	5602	6123	6403	7378	8328	9410	25
13				5022 **	5751	6528	7088	7453	8481	9520	10694	25
13.5				5181	5866	6706	7260	7590	8644	9757	10963	25
14				5354 **	6040	6827	7407	7710	8813 **	9957	11173	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	5389	6123	6927	7446	7823	8983	25
15		5508	6258	7095 **	7606 **	8012	9161 **	25
15.5		5636	6402	7164 **	7753	8123	9300	25
16	5/8	5778	6509	7307	7863	8270	9434 **	25
16.5		5881	6596	7447	8012	8400	9611	25
17		6006	6756	7524 **	8110	8512	9757	25
17.5	11/16			7709 **	8266	8678	9945 **	25
18				7823 **	8450	8813	10105 **	25
18.5				7947	8551	8973	10194	25
19	3/4			8089 **	8806	9106	10361 **	25
19.5				8189	8774	9193	10548	25
20				8328 **	8919	9371	10670 **	25
20.5				8481	9081	9502	10848	25
21	13/16			8634	9257	9661	11081	25
21.5				8813	9410	9824	11276	25
22				9006 **	9660	10105	11485 **	25
22.5	7/8			9245	9864 **	10321	11680	25
23				9676	10328	10703	12068	25
23.5				10630		11821	12953	25
24	15/16			10630		11821	13082 **	25
24.5				10963		12338	13680	25
25						12788	14183 **	25
25.5	1						14623	25
26							15218 **	25
26.5							15672	25
27	1.1/16						16216	25
27.5							16734	25
28							17249	25
28.5	1.1/8						17804 **	25
29							18304	25
29.5							18810	25
30	1.3/16						19342	25
31	1.1/4						19858	25
32							20001	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	10130	11369	13367	14919	16789	18829		25
15		10272	11556	13308	15100	16957	19020		25
15.5		10468	11713	13403	15245	17106	19184		25
16	5/8	10630	11950	13682	15510	17312	19396		25
16.5		10827	12202	13887	15672	17489	19515		25
17		10972	12338	14053	15869	17658	19698		25
17.5	11/16	11158	12485	14222	16050	17882	19881		25
18		11353	12713	14401	16216	18071	20075	22281	25
18.5		11485	12913	14582	16402	18194	20268	22498	25
19	3/4	11665	13082	14736	16589	18373	20384	22626	25
19.5		11893	13348	14919	16785	18593	20582	22848	25
20		12054	13541	15217	16957	18795	20834	23125	25
20.5		12202	13744	15400	17249	19084	21147	23474	25
21	13/16	12456	13968	15729	17542	19435	21479	23843	25
21.5		12695	14234	15965	17912	19786	21916	24329	25
22		12913	14473 **	16216	18191	20101	22264	24712	25
22.5	7/8	13082	14629	16496	18442	20447	22634 **	25123	25
23		13368	14889 **	16734	18779	20749	22962	25488	25
23.5		14240	15399	17301	19312	21377	23668	26271	25
24	15/16	14425	15937 **	17845	19924	21959	24300	26973	25
24.5		14919	16479	18432	20491	22602	24961	27458	25
25		15510	16990 **	18954	21084	23230	25658	28224	25
25.5	1	15965	17494	19494	21636	23855	26257	28882	25
26		16542	18061	20075	22277	24472	26956	29654	25
26.5		17025	18565	20632	22845	25048	27618	30379	25
27	1.1/16	17621	19115 **	21177	23416	25700	28260	31086	25
27.5		18071	19587	21741	24005	26297	28897	31786	25
28		18593	20161 **	22277	24587	27477	29595 **	32555	25
28.5	1.1/8	19140	20662	22796	25184	27572	30205	33227	25
29		19667	21224	23369	25785	28155	30889	33978	25
29.5		20161	21727	23927	26334	28791	31566	34723	25
30	1.3/16	20703	22264	24472	26926	29397	32188	36061	25
31	1.1/4	21221	22802	25075	27625	30162	33097 **	36075	25
32		21636	23927 **	26297	28963	31566	34631 **	36897	10
33	1.5/16		24961 **	27468	30254	32978	36144	38559	10
34			26048	28635	31547	34406	37699	40188	10
35	1.3/8		27186 **	29891	32846	35846	39236	41810	10
36			28260 **	31025	34119	37226	40774	43369	10
37	1.7/16		29335	32188	35417	38623	42257	44996	10
38	1.1/2		30454 **	33470	36789	40071	43861	46693	10
39			31566	34937	37960	41344	45169	48080	10
40			32888 **	35938	39295	42739	46651	49597	10
41	1.5/8						48198	52055	10
42							50341	54368	10
43							52573	56253	10
44							54766	58599	10
45	1.3/4						56998	60466	10
46	1.13/16						59410	62974	10
47							61810	65520	10
48	1.7/8						64222	68076	10
49	1.15/16						66583	70578	10
50							69267 **	73423	10

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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		24491	26699	28906	31115	33323	35532	10
18.5		24725	26956	29186	31414	33644	35873	10
19	3/4	24868	27110	29352	31595	33837	36079	10
19.5		25113	27376	29639	31904	34169	36432	10
20		25417	27708	30002	32293	34585	36877	10
20.5		25800	28125	30452	32777	35105	37431	10
21	13/16	26205	28567	30930	33293	35656	38017	10
21.5		26738	29149	31560	33970	36379	38791	10
22		27161	29611	32059	34508	36957	39407	10
22.5		27613	30102	32592	35082	37570	40060	10
23		28016	30542	33067	35593	38119	40647	10
23.5		28875	31479	34081	36687	39290	41892	10
24	15/16	29645	32318	34994	37666	40339	43011	10
24.5		29953	32449	35195	37940	40685	43432	10
25		30790	33355	35921	38487	41053	43619	10
25.5	1	31508	34134	36760	39385	42011	44637	10
26		32349	35043	37738	40437	43131	45828	10
26.5		33141	35903	38665	41427	44186	46950	10
27	1.1/16	33912	36737	39563	42390	45216	48042	10
27.5		34676	37567	40456	43345	46235	49126	10
28		35514	38475	41434	44394	47352	50312	10
28.5	1.1/8	36246	39267	42287	45308	48328	51349	10
29		37068	40157	43244	46335	49423	52511	10
29.5		37879	41035	44191	47348	50505	53661	10
30	1.3/16	38627	41847	45011	48282	51501	54720	10
31	1.1/4	39053	42033	45064	48492	51577	54851	10
32		39850	42802	45752	48704	51656	55765	10
33	1-5/16	41644	44726	47811	50896	53981	57065	10
34		43403	46616	49834	53047	56263	59477	10
35	1-3/8	45156	48502	51847	55190	58535	61881	10
36	1-7/16	46840	50308	53778	57245	60717	64186	10
37		48596	52196	55796	59397	62996	66597	10
38	1-1/2	50429	54164	57899	61636	65371	69106	10
39		51927	55773	59620	63467	67313	71159	10
40		53563	57531	61500	65466	69435	73403	10
41	1-5/8	55909	59766	63622	67478	71333	75190	10
42		58394	62423	66450	70478	74503	78335	10
43		59934	63613	67293	70973	74654	78532	10
44		62434	66267	70102	73935	77769	81601	10
45	1-3/4	64978	68965	72957	76947	80797	84363	10
46	1-13/16	66539	70105	73667	77233	80936	84926	10
47		69227	72936	76645	80355	84062	87773	10
48	1-7/8	71930	75782	79637	83491	87343	91197	10
49	1-15/16	74574	78568	82562	86558	90553	94547	10
50		77579	81735	85890	90048	94203	98360	10

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EXTRA LONG**

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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		37738	39947	42156	44364	46572	48781	5
18.5		38103	40333	42560	44790	47021	49250	5
19	3/4	38320	40564	42804	45048	47289	49533	5
19.5		38696	40961	43226	45489	47753	50018	5
20		39167	41459	43751	46043	48335	50626	5
20.5		39756	42084	44410	46737	49061	51388	5
21	13/16	40381	42742	45104	47468	49830	52193	5
21.5		41203	43613	46025	48435	50846	53256	5
22		41855	44304	46753	49201	51652	54100	5
22.5		42551	45040	47529	50020	52509	54997	5
23		43171	45697	48454	50749	53273	55801	5
23.5		44496	47101	49704	52306	54910	57513	5
24	15/16	45685	48358	51029	53705	56376	59050	5
24.5		46054	48673	51295	53792	56411	59065	5
25		46184	48751	51315	53883	56447	59079	5
25.5	1	47264	49890	52515	55141	57766	60392	5
26		48522	51218	53914	56610	59305	62001	5
26.5		49712	52474	55235	57995	60759	63521	5
27	1.1/16	50868	53693	56521	59347	62172	64998	5
27.5		52014	54905	57793	60684	63574	66462	5
28		53271	56232	59191	62151	65111	68069	5
28.5	1.1/8	54369	57389	60411	63431	66451	69471	5
29		55600	58690	61779	64867	67956	71046	5
29.5		56817	59975	63131	66289	69445	72600	5
30	1.3/16	57939	61157	64377	67478	70814	74034	5
31	1.1/4	58328	61305	64498	67597	71322	74300	5
32		58716	61668	64620	68877	71829	74781	5
33	1-5/16	60150	63235	66319	69404	72488	75573	5
34		62692	65907	69122	72338	75551	78768	5
35	1-3/8	65227	68571	71916	75259	78605	81951	5
36	1-7/16	67657	71125	74595	78063	81535	85003	5
37		70195	73794	77395	80996	84595	88195	5
38	1-1/2	72841	76578	80312	84047	87782	91518	5
39		75007	78853	82699	86546	90392	94237	5
40		77371	81338	85305	89274	93240	97208	5
41	1-5/8	79045	82902	86756	90613	94468	98326	5
42		82015	86585	90613	94641	98669	102695	5
43		82559	87927	91858	95789	99719	103649	5
44		85435	89269	93103	96938	100771	104603	5
45	1-3/4	87927	92907	96896	100886	104877	108865	5
46	1-13/16	88916	94048	97611	101178	105786	109350	5
47		91482	95189	98898	102607	106706	110416	5
48	1-7/8	95050	98903	102756	106609	110463	114316	5
49	1-15/16	98542	102537	106532	110528	114523	118518	5
50		102516	106671	110829	114985	119139	123296	5

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EXTRA LONG**

**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	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		50989	53195	55404	—	—	—	—	—
18.5		51479	53708	55938	—	—	—	—	—
19	3/4	51775	54017	56260	—	—	—	—	—
19.5		52282	54546	56810	—	—	—	—	—
20		52919	55209	57501	—	—	—	—	—
20.5		53714	56040	58365	—	—	—	—	—
21	13/16	54556	56918	59282	—	—	—	—	—
21.5		55667	58078	60489	—	—	—	—	—
22		56549	58999	61447	63896	66345	68795	71244	5
22.5		57488	59977	62466	64956	67446	69935	72426	5
23		58327	60853	63378	65903	68431	70957	73942	5
23.5		60116	62722	65325	67928	70531	73136	75739	5
24	15/16	61723	64395	67069	69741	72415	75088	77760	5
24.5		61749	64433	67086	69769	72422	75205	77889	5
25		61775	64472	67103	69797	72429	75323	78018	5
25.5	1	63016	65642	68268	70893	73520	76145	78772	5
26		64697	67392	70088	72785	75479	78175	80871	5
26.5		66283	69044	71804	74568	77329	80091	82853	5
27	1.1/16	67825	70649	73476	76301	79127	81954	84779	5
27.5		69354	72242	75131	78022	80912	83801	86690	5
28		71029	73989	76948	79907	82868	85826	88786	5
28.5	1.1/8	72492	75513	78534	81552	84575	87595	90615	5
29		74133	77224	80312	83401	86490	89579	92668	5
29.5		75757	78913	82071	85227	88382	91541	94697	5
30	1.3/16	77252	80258	83636	86641	89751	92786	95615	5
31	1.1/4	77281	80472	83664	86772	89806	92813	95791	5
32		77733	80684	83689	86855	89862	92969	95921	5
33	1-5/16"	78657	81743	84827	87912	90996	94081	97166	5
34		81982	85197	88412	91627	94842	98057	101274	5
35	1-3/8"	85296	88641	91984	95330	98675	102019	105365	5
36	1-7/16"	88472	91942	95412	98880	102352	105821	109290	5
37		91795	95392	98993	102593	106193	109793	113392	5
38	1-1/2"	95254	98989	102725	106460	110194	113931	117666	2
39		98083	101930	105777	109623	113470	117317	121164	2
40		101178	105145	109112	113080	117048	121016	124982	2
41	1-5/8"	102179	106037	109892	113748	117603	121459	125315	2
42		103137	107164	111192	115134	118815	122495	126176	2
43		104096	107775	111455	115220	119162	123189	126523	2
44		108437	112271	116106	119937	123772	127605	131440	2
45	1-3/4"	112855	116480	120043	124034	127964	131589	135578	2
46	1-13/16"	112915	116845	120836	124398	128024	132127	136376	2
47		114123	117833	121540	125250	128958	132667	138834	2
48	1-7/8"	118169	122022	125877	129728	133583	137436	141289	2
49	1-15/16"	122513	126508	130502	134499	138493	142488	146482	2
50		127451	131607	135764	139920	144075	148232	152386	2

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

**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	400	425	450	475	500	525	550	575	
50.50		52706	57974	63244	68515	73786	79057	84327	89597	2
50.8	2	52706	57974	63244	68515	73786	79057	84327	89597	2
51.00		—	—	69172	73942	78713	83484	88254	93025	2
51.50		—	—	69172	73942	78713	83484	88254	93025	2
51.59	2.1/32	—	—	69172	73942	78713	83484	88254	93025	2
52.00		—	—	69172	73942	78713	83484	88254	93025	2
52.39	2.1/16	—	—	69172	73942	78713	83484	88254	93025	2
52.50		—	—	74503	80713	86921	93131	99339	105548	2
53.00		—	—	74503	80713	86921	93131	99339	105548	2
53.18	2.3/32	—	—	74503	80713	86921	93131	99339	105548	2
53.50		—	—	74503	80713	86921	93131	99339	105548	2
53.97	2.1/8	—	—	74503	80713	86921	93131	99339	105548	2
54.00		—	—	74503	80713	86921	93131	99339	105548	2
54.50		—	—	78264	84787	91310	97833	104354	110877	2
54.77	2.5/32	—	—	78264	84787	91310	97833	104354	110877	2
55.00		—	—	78264	84787	91310	97833	104354	110877	2
55.50		—	—	78264	84787	91310	97833	104354	110877	2
55.56	2.3/16	—	—	78264	84787	91310	97833	104354	110877	2
56.00		—	—	81555	88352	95147	101945	108741	115537	2
56.36	2.7/32	—	—	81555	88352	95147	101945	108741	115537	2
56.50		—	—	81555	88352	95147	101945	108741	115537	2
57.00		—	—	81555	88352	95147	101945	108741	115537	2
57.15	2.1/4	—	—	81555	88352	95147	101945	108741	115537	2
57.50		—	—	85296	96420	103836	111254	118672	126088	2
57.94	2.9/32	—	—	85296	96420	103836	111254	118672	126088	2
58.00		—	—	85296	96420	103836	111254	118672	126088	2
58.50		—	—	85296	96420	103836	111254	118672	126088	2
58.74	2.5/16	—	—	85296	96420	103836	111254	118672	126088	2
59.00		—	—	86923	98261	105821	113379	120938	128495	2
59.50		—	—	86923	98261	105821	113379	120938	128495	2
59.53	2.11/32	—	—	86923	98261	105821	113379	120938	128495	2
60.00		—	—	86923	98261	105821	113379	120938	128495	2
60.32	2.3/8	—	—	86923	98261	105821	113379	120938	128495	2
60.50		—	—	94805	102840	110873	118908	126943	134976	2
61.00		—	—	94805	102840	110873	118908	126943	134976	2
61.12	2.13/32	—	—	94805	102840	110873	118908	126943	134976	2
61.50		—	—	94805	102840	110873	118908	126943	134976	2
61.91	2.7/16	—	—	94805	102840	110873	118908	126943	134976	2
62.00		—	—	94805	102840	110873	118908	126943	134976	2
62.50		—	—	94805	102840	110873	118908	126943	134976	2
62.71	2.15/32	—	—	96402	104570	112741	120910	129081	137250	2
63.00		—	—	96402	104570	112741	120910	129081	137250	2
63.5	2.1/2	—	—	96402	104570	112741	120910	129081	137250	2
64.00		—	—	104740	111964	120994	128215	137245	144469	2
64.29	2.17/32	—	—	104740	111964	120994	128215	137245	144469	2
64.50		—	—	104740	111964	120994	128215	137245	144469	2
65.00		—	—	104740	111964	120994	128215	137245	144469	2
65.09	2.9/16	—	—	104740	111964	120994	128215	137245	144469	2
65.50		—	—	105519	112797	121894	129171	138267	145544	2
65.88	2.19/32	—	—	105519	112797	121894	129171	138267	145544	2
66.00		—	—	105519	112797	121894	129171	138267	145544	2
66.50		—	—	105519	112797	121894	129171	138267	145544	2
66.67	2.5/8	—	—	105519	112797	121894	129171	138267	145544	2
67.00		—	—	108092	115547	124866	132321	141640	149093	2
67.47	2.21/32	—	—	—	124034	132036	140038	150041	160043	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	
50.50		94867	100137	105408	110680	115950	121221	126491	131762	2
50.80	2	94867	100137	105408	110680	115950	121221	126491	131762	2
51.00		97794	102565	107336	112105	116877	121647	131188	135959	2
51.50		97794	102565	107336	112105	116877	121647	131188	135959	2
51.59	2.1/32	97794	102565	107336	112105	116877	121647	131188	135959	2
52.00		97794	102565	107336	112105	116877	121647	131188	135959	2
52.39	2.1/16	97794	102565	107336	112105	116877	121647	131188	135959	2
52.50		111756	117965	124174	130382	136590	142800	149008	155218	2
53.00		111756	117965	124174	130382	136590	142800	149008	155218	2
53.18	2.3/32	111756	117965	124174	130382	136590	142800	149008	155218	2
53.50		111756	117965	124174	130382	136590	142800	149008	155218	2
53.97	2.1/8	111756	117965	124174	130382	136590	142800	149008	155218	2
54.00		111756	117965	124174	130382	136590	142800	149008	155218	2
54.50		117399	123921	130442	136965	143486	150008	156532	163054	2
54.77	2.5/32	117399	123921	130442	136965	143486	150008	156532	163054	2
55.00		117399	123921	130442	136965	143486	150008	156532	163054	2
55.50		117399	123921	130442	136965	143486	150008	156532	163054	2
55.56	2.3/16	117399	123921	130442	136965	143486	150008	156532	163054	2
56.00		122334	129129	135926	142723	149517	156314	163110	169908	2
56.36	2.7/32	122334	129129	135926	142723	149517	156314	163110	169908	2
56.50		122334	129129	135926	142723	149517	156314	163110	169908	2
57.00		122334	129129	135926	142723	149517	156314	163110	169908	2
57.15	2.1/4	122334	129129	135926	142723	149517	156314	163110	169908	2
57.50		133506	140922	148339	155756	163173	170589	178006	185425	2
57.94	2.9/32	133506	140922	148339	155756	163173	170589	178006	185425	2
58.00		133506	140922	148339	155756	163173	170589	178006	185425	2
58.50		133506	140922	148339	155756	163173	170589	178006	185425	2
58.74	2.5/16	133506	140922	148339	155756	163173	170589	178006	185425	2
59.00		136055	143613	151173	158731	166289	173849	181406	188965	2
59.50		136055	143613	151173	158731	166289	173849	181406	188965	2
59.53	2.11/32	136055	143613	151173	158731	166289	173849	181406	188965	2
60.00		136055	143613	151173	158731	166289	173849	181406	188965	2
60.32	2.3/8	136055	143613	151173	158731	166289	173849	181406	188965	2
60.50		143010	151046	159079	167114	175149	183183	191216	199252	2
61.00		143010	151046	159079	167114	175149	183183	191216	199252	2
61.12	2.13/32	143010	151046	159079	167114	175149	183183	191216	199252	2
61.50		143010	151046	159079	167114	175149	183183	191216	199252	2
61.91	2.7/16	143010	151046	159079	167114	175149	183183	191216	199252	2
62.00		143010	151046	159079	167114	175149	183183	191216	199252	2
62.50		143010	151046	159079	167114	175149	183183	191216	199252	2
62.71	2.15/32	145418	153588	161758	169927	178097	186267	194437	202605	2
63.00		145418	153588	161758	169927	178097	186267	194437	202605	2
63.5	2.1/2	145418	153588	161758	169927	178097	186267	194437	202605	2
64.00		151692	158915	166139	173362	180586	187809	195032	203184	2
64.29	2.17/32	151692	158915	166139	173362	180586	187809	195032	203184	2
64.50		151692	158915	166139	173362	180586	187809	195032	203184	2
65.00		151692	158915	166139	173362	180586	187809	195032	203184	2
65.09	2.9/16	151692	158915	166139	173362	180586	187809	195032	203184	2
65.50		152823	160100	167377	174653	181931	189208	196485	203762	2
65.88	2.19/32	152823	160100	167377	174653	181931	189208	196485	203762	2
66.00		152823	160100	167377	174653	181931	189208	196485	203762	2
66.50		152823	160100	167377	174653	181931	189208	196485	203762	2
66.67	2.5/8	152823	160100	167377	174653	181931	189208	196485	203762	2
67.00		156548	164003	171457	178912	186368	193822	201277	208730	2
67.47	2.21/32	170046	180049	190052	200054	210058	220059	230063	240066	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		137031	142302	147573	152843	158113	163383	168654	173923	179194	2
50.8	2	137031	142302	147573	152843	158113	163383	168654	173923	179194	2
51.00		140729	145499	150270	155041	159810	164580	169353	174123	181278	2
51.50		140729	145499	150270	155041	159810	164580	169353	174123	181278	2
51.59	2.1/32	140729	145499	150270	155041	159810	164580	169353	174123	181278	2
52.00		140729	145499	150270	155041	159810	164580	169353	174123	181278	2
52.39	2.1/16	140729	145499	150270	155041	159810	164580	169353	174123	181278	2
52.50		161425	167634	173843	180051	186260	192470	198677	204887	211094	2
53.00		161425	167634	173843	180051	186260	192470	198677	204887	211094	2
53.18	2.3/32	161425	167634	173843	180051	186260	192470	198677	204887	211094	2
53.50		161425	167634	173843	180051	186260	192470	198677	204887	211094	2
53.97	2.1/8	161425	167634	173843	180051	186260	192470	198677	204887	211094	2
54.00		161425	167634	173843	180051	186260	192470	198677	204887	211094	2
54.50		169575	176097	182621	189142	195665	202186	208708	215230	221752	2
54.77	2.5/32	169575	176097	182621	189142	195665	202186	208708	215230	221752	2
55.00		169575	176097	182621	189142	195665	202186	208708	215230	221752	2
55.50		169575	176097	182621	189142	195665	202186	208708	215230	221752	2
55.56	2.3/16	169575	176097	182621	189142	195665	202186	208708	215230	221752	2
56.00		176703	183500	190297	197092	203889	210686	217480	224276	231073	2
56.36	2.7/32	176703	183500	190297	197092	203889	210686	217480	224276	231073	2
56.50		176703	183500	190297	197092	203889	210686	217480	224276	231073	2
57.00		176703	183500	190297	197092	203889	210686	217480	224276	231073	2
57.15	2.1/4	176703	183500	190297	197092	203889	210686	217480	224276	231073	2
57.50		192841	200259	207675	215093	222509	229926	237342	244759	252176	2
57.94	2.9/32	192841	200259	207675	215093	222509	229926	237342	244759	252176	2
58.00		192841	200259	207675	215093	222509	229926	237342	244759	252176	2
58.50		192841	200259	207675	215093	222509	229926	237342	244759	252176	2
58.74	2.5/16	192841	200259	207675	215093	222509	229926	237342	244759	252176	2
59.00		196525	204082	211641	219199	226757	234317	241874	249434	256992	2
59.50		196525	204082	211641	219199	226757	234317	241874	249434	256992	2
59.53	2.11/32	196525	204082	211641	219199	226757	234317	241874	249434	256992	2
60.00		196525	204082	211641	219199	226757	234317	241874	249434	256992	2
60.32	2.3/8	196525	204082	211641	219199	226757	234317	241874	249434	256992	2
60.50		207287	215320	223354	231388	239423	247458	255492	263526	271561	2
61.00		207287	215320	223354	231388	239423	247458	255492	263526	271561	2
61.12	2.13/32	207287	215320	223354	231388	239423	247458	255492	263526	271561	2
61.50		207287	215320	223354	231388	239423	247458	255492	263526	271561	2
61.91	2.7/16	207287	215320	223354	231388	239423	247458	255492	263526	271561	2
62.00		207287	215320	223354	231388	239423	247458	255492	263526	271561	2
62.50		207287	215320	223354	231388	239423	247458	255492	263526	271561	2
62.71	2.15/32	210776	218945	227113	235285	243453	251623	259795	267962	276132	2
63.00		210776	218945	227113	235285	243453	251623	259795	267962	276132	2
63.5	2.1/2	210776	218945	227113	235285	243453	251623	259795	267962	276132	2
64.00		210907	221217	231150	238373	245598	252821	260043	268610	279908	2
64.29	2.17/32	210907	221217	231150	238373	245598	252821	260043	268610	279908	2
64.50		210907	221217	231150	238373	245598	252821	260043	268610	279908	2
65.00		210907	221217	231150	238373	245598	252821	260043	268610	279908	2
65.09	2.9/16	210907	221217	231150	238373	245598	252821	260043	268610	279908	2
65.50		211038	222864	232873	240148	247426	254704	261981	269257	281994	2
65.88	2.19/32	211038	222864	232873	240148	247426	254704	261981	269257	281994	2
66.00		211038	222864	232873	240148	247426	254704	261981	269257	281994	2
66.50		211038	222864	232873	240148	247426	254704	261981	269257	281994	2
66.67	2.5/8	211038	222864	232873	240148	247426	254704	261981	269257	281994	2
67.00		216187	223640	238550	246005	253459	260915	268369	275823	288869	2
67.47	2.21/32	250068	260070	270073	280077	290077	300081	310085	320087	330091	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		124034	132036	140038	150041	160043	2
68.00		124034	132036	140038	150041	160043	2
68.26	2.11/16	124034	132036	140038	150041	160043	2
68.50		130916	139502	148085	156670	165256	2
69.00		132274	140949	149622	158296	166969	2
69.05	2.23/32	132274	140949	149622	158296	166969	2
69.50		132274	140949	149622	158296	166969	2
69.85	2.3/4	132274	140949	149622	158296	166969	2
70.00		132274	140949	149622	158296	166969	2
70.50		138811	148065	157319	166572	175827	2
70.64	2.25/32	140320	149676	159031	168385	177740	2
71.00		140320	149676	159031	168385	177740	2
71.44	2.13/16	140320	149676	159031	168385	177740	2
71.50		140320	149676	159031	168385	177740	2
72.00		143033	152567	162102	171639	181175	2
72.23	2.27/32	143033	152567	162102	171639	181175	2
72.50		143033	152567	162102	171639	181175	2
73.00		143033	152567	162102	171639	181175	2
73.02	2.7/8	143033	152567	162102	171639	181175	2
73.50		148121	158161	168204	178247	188289	2
73.82	2.29/32	149688	159834	169984	180132	190281	2
74.00		149688	159834	169984	180132	190281	2
74.50		149688	159834	169984	180132	190281	2
74.61	2.15/16	149688	159834	169984	180132	190281	2
75.00		151550	161825	172099	182374	192649	2
75.41	2.31/32	151550	161825	172099	182374	192649	2
75.50		151550	161825	172099	182374	192649	2
76.00		151550	161825	172099	182374	192649	2
76.20	3	151550	161825	172099	182374	192649	2
76.99	3.1/32	—	—	—	189756	203814	2
77.00		—	—	—	189756	203814	2
77.79	3.1/16	—	—	—	189756	203814	2
78.00		—	—	—	189756	203814	2
78.58	3.3/32	—	—	—	193541	207876	2
79.00		—	—	—	193541	207876	2
79.37	3.1/8	—	—	—	198680	213396	2
80.00		—	—	—	198680	213396	2
80.17	3.5/32	—	—	—	212505	228245	2
80.96	3.3/16	—	—	—	212505	228245	2
81.00		—	—	—	212505	228245	2
81.76	3.7/32	—	—	—	218028	234179	2
82.00		—	—	—	218028	234179	2
82.55	3.1/4	—	—	—	218028	234179	2
83.00		—	—	—	222532	239015	2
83.34	3.9/32	—	—	—	222532	239015	2
84.00		—	—	—	222532	239015	2
84.14	3.5/16	—	—	—	226233	242991	2
84.93	3.11/32	—	—	—	226233	242991	2
85.00		—	—	—	226233	242991	2
85.72	3.3/8	—	—	—	258051	277166	2
86.00		—	—	—	258051	277166	2
86.52	3.13/32	—	—	—	258051	277166	2
87.00		—	—	—	258051	277166	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		170046	180049	190052	200055	210058	220059	230063	240066	2
68.00		170046	180049	190052	200055	210058	220059	230063	240066	2
68.26	2.11/16	170046	180049	190052	200055	210058	220059	230063	240066	2
68.50		173839	182425	191007	200861	210197	225347	233931	242516	2
69.00		175644	184318	192992	201664	210338	227686	236358	245033	2
69.05	2.23/32	175644	184318	192992	201664	210338	227686	236358	245033	2
69.50		175644	184318	192992	201664	210338	227686	236358	245033	2
69.85	2.3/4	175644	184318	192992	201664	210338	227686	236358	245033	2
70.00		175644	184318	192991	201664	210338	227686	236358	245033	2
70.50		185081	194335	203589	212844	222097	231351	240605	249858	2
70.64	2.25/32	187093	196450	205805	215158	224513	233868	243222	252577	2
71.00		187093	196450	205805	215158	224513	233868	243222	252577	2
71.44	2.13/16	187093	196450	205805	215158	224513	233868	243222	252577	2
71.50		187093	196450	205805	215158	224513	233868	243222	252577	2
72.00		190710	200247	209781	219316	228853	238388	247923	257460	2
72.23	2.27/32	190710	200247	209781	219316	228853	238388	247923	257460	2
72.50		190710	200247	209781	219316	228853	238388	247923	257460	2
73.00		190710	200247	209781	219316	228853	238388	247923	257460	2
73.02	2.7/8	190710	200247	209781	219316	228853	238388	247923	257460	2
73.50		198331	208372	218416	228456	238498	248542	258583	268626	2
73.82	2.29/32	200428	210578	220725	230873	241022	251170	261319	271467	2
74.00		200428	210578	220725	230873	241022	251170	261319	271467	2
74.50		200428	210578	220725	230873	241022	251170	261319	271467	2
74.61	2.15/16	200428	210578	220725	230873	241022	251170	261319	271467	2
75.00		202923	213198	223473	233748	244022	254296	264570	274844	2
75.41	2.31/32	202923	213198	223473	233748	244022	254296	264570	274844	2
75.50		202923	213198	223473	233748	244022	254296	264570	274844	2
76.00		202923	213198	223473	233748	244022	254296	264570	274844	2
76.2	3	202923	213198	223473	233748	244022	254296	264570	274844	2
76.99	3.1/32	217869	231925	245981	260037	274093	288149	302206	316261	2
77.00		217869	231925	245981	260037	274093	288149	302206	316261	2
77.79	3.1/16	217869	231925	245981	260037	274093	288149	302206	316261	2
78.00		217869	231925	245981	260037	274093	288149	302206	316261	2
78.58	3.3/32	222212	236549	250888	265225	279560	293896	308232	322568	2
79.00		222212	236549	250888	265225	279560	293896	308232	322568	2
79.37	3.1/8	228112	242830	257547	272264	286980	301696	316416	331131	2
80.00		228112	242830	257547	272264	286980	301696	316416	331131	2
80.17	3.5/32	243985	259727	275468	291209	306951	322691	338431	354173	2
80.96	3.3/16	243985	259727	275468	291209	306951	322691	338431	354173	2
81.00		243985	259727	275468	291209	306951	322691	338431	354173	2
81.76	3.7/32	250328	266480	282628	298779	314930	331081	347230	363382	2
82.00		250328	266480	282628	298779	314930	331081	347230	363382	2
82.55	3.1/4	250328	266480	282628	298779	314930	331081	347230	363382	2
83.00		255499	271982	288468	304951	321435	337919	354402	370886	2
83.34	3.9/32	255499	271982	288468	304951	321435	337919	354402	370886	2
84.00		255499	271982	288468	304951	321435	337919	354402	370886	2
84.14	3.5/16	259749	276507	293264	310023	326778	343537	360295	377052	2
84.93	3.11/32	259749	276507	293264	310023	326778	343537	360295	377052	2
85.00		259749	276507	293264	310023	326778	343537	360295	377052	2
85.72	3.3/8	296282	315396	334511	353626	372740	391855	410970	430085	2
86.00		296282	315396	334511	353626	372740	391855	410970	430085	2
86.52	3.13/32	296282	315396	334511	353626	372740	391855	410970	430085	2
87.00		296282	315396	334511	353626	372740	391855	410970	430085	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		250068	260070	270073	280077	290077	300081	310085	320087	330091	2
68.00		250068	260070	270073	280077	290077	300081	310085	320087	330091	2
68.26	2.11/16	250068	260070	270073	280077	290077	300081	310085	320087	330091	2
68.50		251102	261225	270564	281146	295097	300462	311194	321925	331349	2
69.00		253707	262381	271056	284064	296854	303582	314424	323752	333497	2
69.05	2.23/32	253707	262381	271056	284064	296854	303582	314424	323752	333497	2
69.50		253707	262381	271056	284064	296854	303582	314424	323752	333497	2
69.85	2.3/4	253707	262381	271056	284064	296854	303582	314424	323752	333497	2
70.00		253707	262381	271056	284064	296854	303582	314424	323752	333497	2
70.50		259113	268367	277620	286875	298757	305383	314638	323890	334220	2
70.64	2.25/32	261933	271287	280642	289995	299352	308705	318060	327415	336770	2
71.00		261933	271287	280642	289995	299352	308705	318060	327415	336770	2
71.44	2.13/16	261933	271287	280642	289995	299352	308705	318060	327415	336770	2
71.50		261933	271287	280642	289995	299352	308705	318060	327415	336770	2
72.00		266995	276530	286065	295601	305136	314671	324208	333743	343278	2
72.23	2.27/32	266995	276530	286065	295601	305136	314671	324208	333743	343278	2
72.50		266995	276530	286065	295601	305136	314671	324208	333743	343278	2
73.00		266995	276530	286065	295601	305136	314671	324208	333743	343278	2
73.02	2.7/8	266995	276530	286065	295601	305136	314671	324208	333743	343278	2
73.50		278667	288708	298752	308793	318835	328877	338920	348962	359003	2
73.82	2.29/32	281614	291764	301913	312060	322208	332357	342504	352654	362802	2
74.00		281614	291764	301913	312060	322208	332357	342504	352654	362802	2
74.50		281614	291764	301913	312060	322208	332357	342504	352654	362802	2
74.61	2.15/16	281614	291764	301913	312060	322208	332357	342504	352654	362802	2
75.00		285118	295393	305668	315942	326217	336491	346767	357040	367316	2
75.41	2.31/32	285118	295393	305668	315942	326217	336491	346767	357040	367316	2
75.50		285118	295393	305668	315942	326217	336491	346767	357040	367316	2
76.00		285118	295393	305668	315942	326217	336491	346767	357040	367316	2
76.2	3	285118	295393	305668	315942	326217	336491	346767	357040	367316	2
76.99	3.1/32	330318	344373	358428	372486	386541	400597	414652	—	—	2
77.00		330318	344373	358428	372486	386541	400597	414652	—	—	2
77.79	3.1/16	330318	344373	358428	372486	386541	400597	414652	—	—	2
78.00		330318	344373	358428	372486	386541	400597	414652	—	—	2
78.58	3.3/32	336905	351240	365578	379913	394251	408588	422923	—	—	2
79.00		336905	351240	365578	379913	394251	408588	422923	—	—	2
79.37	3.1/8	345848	360566	375282	390000	404718	419434	434151	—	—	2
80.00		345848	360566	375282	390000	404718	419434	434151	—	—	2
80.17	3.5/32	369914	385655	401398	417139	432878	448620	464361	—	—	2
80.96	3.3/16	369914	385655	401398	417139	432878	448620	464361	—	—	2
81.00		369914	385655	401398	417139	432878	448620	464361	—	—	2
81.76	3.7/32	379530	395681	411831	427983	444130	460282	476432	—	—	2
82.00		379530	395681	411831	427983	444130	460282	476432	—	—	2
82.55	3.1/4	379530	395681	411831	427983	444130	460282	476432	—	—	2
83.00		387371	403855	420338	436822	453305	469789	486272	—	—	2
83.34	3.9/32	387371	403855	420338	436822	453305	469789	486272	—	—	2
84.00		387371	403855	420338	436822	453305	469789	486272	—	—	2
84.14	3.5/16	393810	410568	427327	444085	460842	477600	494358	—	—	2
84.93	3.11/32	393810	410568	427327	444085	460842	477600	494358	—	—	2
85.00		393810	410568	427327	444085	460842	477600	494358	—	—	2
85.72	3.3/8	449200	468315	487431	506546	525660	544775	563890	—	—	2
86.00		449200	468315	487431	506546	525660	544775	563890	—	—	2
86.52	3.13/32	449200	468315	487431	506546	525660	544775	563890	—	—	2
87.00		449200	468315	487431	506546	525660	544775	563890	—	—	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	—	—	—	—	—	—	263447	282962	2
88.00		—	—	—	—	—	—	263447	282962	2
88.11	3.15/32	—	—	—	—	—	—	263447	282962	2
88.90	3.1/2	—	—	—	—	—	—	263447	282962	2
89.00		—	—	—	—	—	—	263447	282962	2
90.00		—	—	—	—	—	—	268818	288731	2
90.49	3.9/16	—	—	—	—	—	—	278845	299499	2
91.00		—	—	—	—	—	—	278845	299499	2
92.00		—	—	—	—	—	—	278845	299499	2
92.07	3.5/8	—	—	—	—	—	—	287951	309279	2
93.00		—	—	—	—	—	—	287951	309279	2
93.66	3.11/16	—	—	—	—	—	—	298842	320977	2
94.00		—	—	—	—	—	—	298842	320977	2
95.00		—	—	—	—	—	—	298842	320977	2
95.25	3.3/4	—	—	—	—	—	—	298842	320977	2
96.00		—	—	—	—	—	—	308846	331723	2
96.84	3.13/16	—	—	—	—	—	—	308846	331723	2
97.00		—	—	—	—	—	—	308846	331723	2
98.00		—	—	—	—	—	—	314308	337590	2
98.42	3.7/8	—	—	—	—	—	—	318796	342410	2
99.00		—	—	—	—	—	—	318796	342410	2
100.00		—	—	—	—	—	—	318796	342410	2
100.01	3.15/16	—	—	—	—	—	—	324257	348274	2
101.00		—	—	—	—	—	—	324257	348274	2
101.6	4	—	—	—	—	—	—	324257	348274	2
102.00		—	—	—	—	—	—	324257	348274	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	302476	321992	341504	361018	380535	400048	419562	439078	2
88.00		302476	321992	341504	361018	380535	400048	419562	439078	2
88.11	3.15/32	302476	321992	341504	361018	380535	400048	419562	439078	2
	3.1/2	302476	321992	341504	361018	380535	400048	419562	439078	2
89.00		302476	321992	341504	361018	380535	400048	419562	439078	2
90.00		308645	328557	348469	368381	388295	408208	428119	448032	2
90.49	3.9/16	320155	340810	361468	382122	402778	423433	444088	464743	2
91.00		320155	340810	361468	382122	402778	423433	444088	464743	2
92.00		320155	340810	361468	382122	402778	423433	444088	464743	2
92.07	3.5/8	330610	351939	373267	394597	415927	437257	458586	479917	2
93.00		330610	351939	373267	394597	415927	437257	458586	479917	2
93.66	3.11/16	343115	365249	387386	409523	431658	453796	475931	498068	2
94.00		343115	365249	387386	409523	431658	453796	475931	498068	2
95.00		343115	365249	387386	409523	431658	453796	475931	498068	2
95.25	3.3/4	343115	365249	387386	409523	431658	453796	475931	498068	2
96.00		354602	377478	400355	423233	446111	468987	491867	514745	2
96.84	3.13/16	354602	377478	400355	423233	446111	468987	491867	514745	2
97.00		354602	377478	400355	423233	446111	468987	491867	514745	2
98.00		360873	384153	407436	430719	454000	477284	500565	523846	2
98.42	3.7/8	366023	389637	413253	436868	460481	484096	507709	531325	2
99.00		366023	389637	413253	436868	460481	484096	507709	531325	2
100.00		366023	389637	413253	436868	460481	484096	507709	531325	2
100.01	3.15/16	372294	396311	420332	444352	468369	492390	516407	540425	2
101.00		372294	396311	420332	444352	468369	492390	516407	540425	2
101.6	4	372294	396311	420332	444352	468369	492390	516407	540425	2
102.00		372294	396311	420332	444352	468369	492390	516407	540425	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	458592	478106	497621	517135	536649	556164	575679	2
88.00		458592	478106	497621	517135	536649	556164	575679	2
88.11	3.15/32	458592	478106	497621	517135	536649	556164	575679	2
88.9	3.1/2	458592	478106	497621	517135	536649	556164	575679	2
89.00		458593	478107	497622	517136	536653	556166	575680	2
90.00		467943	487858	507769	527681	547594	567506	587420	2
90.49	3.9/16	485397	506053	526709	547365	568019	588674	609330	2
91.00		485397	506053	526709	547365	568019	588674	609330	2
92.00		485397	506053	526709	547365	568019	588674	609330	2
92.07	3.5/8	501246	522576	543906	565235	586563	607895	629223	2
93.00		501246	522576	543906	565235	586563	607895	629223	2
93.66	3.11/16	520205	542341	564476	586613	608749	630887	653022	2
94.00		520205	542341	564476	586613	608749	630887	653022	2
95.00		520205	542341	564476	586613	608749	630887	653022	2
95.25	3.3/4	520205	542341	564476	586613	608749	630887	653022	2
96.00		537620	560497	583376	606253	629131	652009	674885	2
96.84	3.13/16	537620	560497	583376	606253	629131	652009	674885	2
97.00		537620	560497	583376	606253	629131	652009	674885	2
98.00		547129	570411	593694	616977	640257	663539	686821	2
98.42	3.7/8	554939	578553	602168	625783	649397	673011	696625	2
99.00		554939	578553	602168	625783	649397	673011	696625	2
100.00		554939	578553	602168	625783	649397	673011	696625	2
100.01	3.15/16	564445	588465	612483	636502	660521	684541	708558	2
101.00		564445	588465	612483	636502	660521	684541	708558	2
101.6	4	564445	588465	612483	636502	660521	684541	708558	2
102.00		564445	588465	612483	636502	660521	684541	708558	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	4083	5	1.11/16	7599	5	2.3/4	18973	3
1.1/16	4309	5	1.3/4	7773	5	2.7/8	21083	3
1.1/8	4566	5	1.13/16	8078	5	3	23157	3
1.3/16	4846	5	1.7/8	8323	5	3.1/8	25964	3
1.1/4	5063	5	1.15/16	8723	5	3.1/4	28207	3
1.5/16	5307	5	2	9021	5	3.3/8	30337	3
1.3/8	5607	5	2.1/8	9970	5	3.1/2	45383	3
1.7/16	5855	5	2.1/4	10911	5	3.5/8	38483	3
1.1/2	6067	5	2.3/8	12208	5	3.3/4	40259	3
1.9/16	6415	5	2.1/2	14846	5	3.7/8	46601	3
1.5/8	6694	5	2.5/8	17249	3	4	51499	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	254 **	50	295	368	300
1.25	3.15	254 **	50	295	368	300
1.6	4	254 *	50	295	373	300
2	5	254 *	50	295	383	300
2.5	6.3	293 *	50	340	448	300
3.15	8	455 *	50	526	674	300
4	10	557 *	50	647	848	300
5	12.5	944 *	50	1094	1334	300
6.3	16	1116 *	50	1296	1583	300
8	20	1723 *	50	2032	2360	300
10	25	2218 **	50	2753	3472	300

### TYPE - B IS 6709-1977

1.6	6.3	519 **	50	603	710	300
2	8	734 *	50	853	999	300
2.5	10	936 *	50	1087	1286	300
3.15	11.2	1244 *	50	1447	1686	300
4	14	1669 *	50	1988	2269	200
5	18	2386 *	50	2887	3213	200
6.3	20	2810 *	50	3260	3587	200
8	25	3634 *	50	4399	5121	200

### TYPE - R IS 6710-1977

1	3.15	254	50	295	368	300
1.25	3.15	254	50	295	368	300
1.6	4	254	50	295	373	300
2	5	254 **	50	295	383	300
2.5	6.3	293 **	50	340	448	300
3.15	8	455 **	50	526	674	300
4	10	557 **	50	647	848	300
5	12.5	944	50	1094	1334	300
6.3	16	1116	50	1296	1583	300
8	20	1723	50	2032	2360	300
10	25	2218	50	2753	3472	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	254 **	50	295	368	300
BS 2	1/16	3/16	254 *	50	295	373	300
BS 3	3/32	1/4	293 *	50	340	448	300
BS 4	1/8	5/16	455 *	50	526	674	300
BS 5	3/16	7/16	592 *	50	687	927	300
BS 6	1/4	5/8	1116 *	50	1296	1583	300
BS 7	5/16	3/4	1723 *	50	2051	2378	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		1531	35	(26.99)	1.1/16	9314	35	51.00		45827	5
(7.14)	9/32	1531	35	27.00		9314	35	52.00		50469	5
7.50		1634	35	(27.78)	1.3/32	9668	35	(52.39)	2.1/16	50469	5
(7.94)	5/16	1629	35	28.00		10243	35	53.00		58957	5
8.00		1634	35	(28.57)	1.1/8	10244	35	(53.97)	2.1/8	58957	5
8.50		1666	35	29.00		10723	35	54.00		58957	5
(8.73)	11/32	1634	35	(29.37)	1.5/32	10723	35	55.00		61796	5
9.00		1672	35	30.00		11389	35	(55.56)	2.3/16	61796	5
(9.52)	3/8	1797	35	(30.16)	1.3/16	11389	35	56.00		64415	5
10.00		1797	35	(30.96)	1.7/32	11820	35	57.00		64415	5
(10.32)	13/32	1797	35	31.00		13290	35	(57.15)	2.1/4	64415	5
11.00		1799	35	(31.75)	1.1/4	13874	35	58.00		70392	5
(11.11)	7/16	1799	35	32.00		15204	20	(58.74)	2.5/16	70392	5
(11.91)	15/32	1924	35	(32.54)	1.9/32	15204	20	59.00		71694	5
12.00		1924	35	33.00		15524	20	60.00		71694	5
(12.70)	1/2	2032	35	(33.34)	1.5/16	15524	20	(60.32)	2.3/8	71694	5
13.00		2750	35	34.00		17027	20	61.00		76404	5
(13.49)	17/32	3010	35	(34.13)	1.11/32	17027	20	(61.91)	2.7/16	76404	5
14.00		3010	35	(34.92)	1.3/8	17980	20	62.00		76404	5
(14.29)	9/16	3097	35	35.00		17980	20	63.00		78603	5
15.00		3230	35	(35.72)	1.13/32	19340	20	(63.50)	2.1/2	78603	5
(15.08)	19/32	3230	35	36.00		19340	20	64.00		85822	5
15.87	5/8	3306	35	(36.51)	1.7/16	20401	20	65.00		85822	3
16.00		3306	35	37.00		20401	20	(65.09)	2.9/16	85822	3
(16.67)	21/32	3484	35	(37.31)	1.15/32	20982	20	66.00		89984	3
17.00		3484	35	38.00		22450	20	(66.67)	2.5/8	89984	3
(17.46)	11/16	3762	35	(38.10)	1.1/2	22450	20	67.00		93739	3
18.00		4045	35	39.00		24616	20	68.00		98292	3
(18.26)	23/32	4045	35	(39.69)	1.9/16	24616	20	(68.26)	2.11/16	98292	3
19.00		4624	35	40.00		24616	20	69.00		103094	3
(19.05)	3/4	4624	35	41.00		27132	20	(69.85)	2.3/4	105026	3
(19.84)	25/32	4642	35	(41.27)	1.5/8	27132	20	70.00		105026	3
20.00		4642	35	42.00		27935	20	71.00		107104	3
(20.64)	13/16	4967	35	(42.86)	1.11/16	28834	20	(71.44)	2.13/16	107104	3
21.00		4967	35	43.00		28834	20	72.00		112001	3
(21.43)	27/32	5249	35	44.00		30478	20	73.00		116152	3
22.00		5249 **	35	(44.45)	1.3/4	30478	20	(73.02)	2.7/8	116152	3
(22.22)	7/8	5570	35	45.00		31556	20	74.00		120546	3
23.00		5898	35	46.00		32724	10	(74.61)	2.15/16	120546	3
(23.02)	29/32	5898	35	(46.04)	1.13/16	32724	10	75.00		124986	3
(23.81)	15/16	6436	35	47.00		34003	10	76.00		130989	3
24.00		6756	35	(47.62)	1.7/8	35758	10	(76.20)	3	130989	3
(24.61)	31/32	6756	35	48.00		35758	10				
25.00		7818	35	49.00		38183	10				
(25.40)	1	7818	35	(49.21)	1.15/16	38183	10				
26.00		8436	35	50.00		41089	10				
(26.19)	1.1/32	8436	35	(50.80)	2	45433	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	2971	25	25	12114	20
8	3078	25	26	13614	20
10	3606	25	27	13614	20
12	4079	25	28	14847	20
13	5134	25	30	15431	20
14	5134	25	32	17914	20
15	5388	25	34	24212	10
16	5388	25	35	24212	10
18	6997	25	36	25867	10
20	7632	20	38	27657	10
22	8723	20	40	31881	10
24	11234	20	42	35512	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	2971	25	24.7	12114	20
7.9	3078	25	25.7	13616	20
9.9	3606	25	26.7	13616	20
11.8	4079	25	27.7	14847	20
12.8	5134	25	29.7	15431	20
13.8	5134	25	31.7	17914	20
14.8	5388	25	33.7	24212	10
15.8	5388	25	34.7	24212	10
17.8	6999	25	35.7	25867	10
19.8	7632	20	37.7	27657	10
21.7	8723	20	39.7	31881	10
23.7	11234	20	41.6	35512	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		1396 **	1396 **	1396	1396	1396	1396	25
(3.17)	1/8	1396	1396 *	1396	1396	1396	1396	25
(3.97)	5/32	1396	1396	1396	1396	1396	1396	25
4.00		1396 **	1396 **	1396	1396	1396	1396	25
(4.76)	3/16	1396	1396	1396	1396	1396	1396	25
5.00		1396 *	1396 **	1396	1396	1396	1396	25
(5.56)	7/32	1396	1396	1396	1396	1396	1396	25
6.00		1625 *	1625 *	1625	1625	1625	1625	25
(6.35)	1/4	1625 **	1625 **	1625	1625	1625	1625	25
7.00		1629 **	1629 **	1629	1629	1629	1629	25
(7.14)	9/32	1629	1629	1629	1629	1629	1629	25
(7.94)	5/16	1846 **	1846	1846	1846	1846	1846	25
8.00		1846 **	1846 **	1846	1846	1846 **	1846	25
(8.73)	11/32	1924	1924	1924	1924	1924	1924	25
9.00		1924 **	1924 **	1924	1924	1924	1924	25
(9.52)	3/8	2099 **	2099 **	2099	2099	2099	2099	25
10.00		2324 *	2324 *	2324	2324	2324	2324	25
(10.32)	13/32	2324	2324	2324	2324	2324	2324	25
11.00		2611 **	2611 **	2611	2611	2611	2611	25
11.11	7/16	2611	2611 **	2611	2611	2611	2611	25
(11.91)	15/32	2714	2714	2714	2714	2714	2714	25
12.00		2714 *	2714 *	2714	2714	2714	2714	25
(12.70)	1/2	2819 **	2819 **	2819	2819	2819	2819	25
13.00		3428 **	3428 **	3428	3428	3428	3428	20
(13.49)	17/32	3428	3428	3428	3428	3428	3428	20
14.00		3428 **	3428 **	3428	3428	3428	3428	20
(14.29)	9/16	3428	3428	3428	3428	3428	3428	20
15.00		3450 **	3450 **	3450	3450	3450	3450	20
(15.08)	19/32	3450	3450	3450	3450	3450	3450	20
(15.87)	5/8	3450	3450	3450	3450	3450	3450	20
16.00		3450 **	3450 *	3450	3450	3450	3450	20
(16.67)	21/32	3972	3972	3972	3972	–	3972	20
17.00		3972 **	3972 **	3972	3972	–	3972	20
(17.46)	11/16	3972	3972	3972	3972	–	3972	20
18.00		4252	4252 *	4252	4252	–	3972	20
(18.26)	23/32	4520	4520	4520	4520	–	3972	20
19.00		4520	4520 **	4520	4520	–	3972	15
(19.05)	3/4	4520	4520 **	4520	4520	–	3972	15
20.00		5040 **	5040 *	5040	5040	–	3972	15
(20.64)	13/16	5134	5134	5134	5134	–	3972	15
21.00		5704	5704 *	5704	5704	–	3972	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		5704 **	5704 *	5704	5704	–	5704	15
(22.22)	7/8	5704	5704 *	5704	5704	–	5704	15
23.00		6657	6657 *	6657	6657	–	6657	15
(23.81)	15/16	7376	7376	7376	7376	–	7376	15
24.00		7376 **	7376 *	7376	7376	–	7376	15
25.00		7391 **	7391 **	7391	7391	–	7391	15
(25.40)	1	7525	7525 **	7525	7525	–	7525	15
26.00		9135	9135 **	9135	9135	–	9135	10
(26.99)	1.1/16	10447	10447	10447	10447	–	10447	10
27.00		10447	10447 **	10447	10447	–	10447	10
28.00		10447	10447 **	10447	10447	–	10447	10
(28.57)	1.1/8	10447	10447	10447	10447	–	10447	10
29.00		11081	11081	11081	11081	–	11081	10
30.00		11956	11956	11956	11956	–	11956	10
(30.16)	1.3/16	11956	11956	11956	11956	–	11956	10
31.00		13207	13207	13207	13207	–	13207	5
(31.75)	1.1/4	13207	13207	13207	13207	–	13207	5
32.00		13207	13207 **	13207	13207	–	13207	5
33.00		14997	14997 **	14997	14997	–	14997	5
(33.34)	1.5/16	14997	14997	14997	14997	–	14997	5
34.00		16849	16849 **	16849	16849	–	16849	5
(34.92)	1.3/8	18435	18435	18435	18435	–	18435	5
35.00		18435	18435 **	18435	18435	–	18435	5
36.00		18435	18435	18435	18435	–	18435	5
(36.51)	1.7/16	18570	18570	18570	18570	–	18570	5
37.00		20235	20235	20235	20235	–	20235	5
38.00		20235	20235 **	20235	20235	–	20235	5
(38.10)	1.1/2	20235	20235	20235	20235	–	20235	5
39.00		22364	22364	22364	22364	–	22364	5
(39.69)	1.9/16	24443	24443	24443	24443	–	24443	5
40.00		24443	24443 **	24443	24443	–	24443	5
41.00		24650	24650	24650	24650	–	24650	3
(41.27)	1.5/8	24650	24650	24650	24650	–	24650	3
42.00		29052	29052	29052	29052	–	29052	3
42.86	1.11/16	29052	29052	29052	29052	–	29052	3
43.00		29052	29052	29052	29052	–	29052	3
44.00		29052	29052	29052	29052	–	29052	3
(44.45)	1.3/4	29052	29052	29052	29052	–	29052	3
45.00		34044	34044 **	34044	34044	–	34044	3
46.00		34044	34044	34044	34044	–	34044	3
47.00		36758	36758	36758	36758	–	36758	3
(47.62)	1.7/8	39480	39480	39480	39480	–	39480	3
48.00		39480	39480	39480	39480	–	39480	3
49.00		39480	39480	39480	39480	–	39480	3
(49.21)	1.15/16	39480	39480	39480	39480	–	39480	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		39480	39480	39480	39480	–	39480	3
(50.80)	2	39480	39480	39480	39480	–	39480	3
51.00		39480	39480	39480	39480	–	39480	3
52.00		47060	47060	47060	47060	–	47060	3
(52.39)	2.1/16	47060	47060	47060	47060	–	–	3
53.00		47060	47060	47060	47060	–	–	3
(53.97)	2.1/8	47060	47060	47060	47060	–	–	3
54.00		47060	47060	47060	47060	–	–	3
55.00		54645	54645	54645	54645	–	–	3
(55.56)	2.3/16	54645	54645	54645	54645	–	–	3
56.00		54645	54645	54645	54645	–	–	3
57.00		54645	54645	54645	54645	–	–	3
(57.15)	2.1/4	54645	54645	54645	54645	–	–	3
58.00		58467	58467	58467	58467	–	–	3
(58.74)	2.5/16	58467	58467	58467	58467	–	–	3
59.00		58467	58467	58467	58467	–	–	3
60.00		69369	69369	69369	69369	–	–	3
(60.32)	2.3/8	69369	69369	69369	69369	–	–	3
61.00		69369	69369	69369	69369	–	–	3
(61.91)	2'7/16	69369	69369	69369	69369	–	–	3
62.00		69369	69369	69369	69369	–	–	3
63.00		69369	69369	69369	69369	–	–	3
(63.50)	2.1/2	69369	69369	69369	69369	–	–	3
64.00		69369	69369	69369	69369	–	–	2
65.00		–	83753	–	83753	–	–	2
(65.09)	2.9/16	83753	83753	83753	83753	–	–	2
66.00		–	86579	–	86579	–	–	2
(66.67)	2.5/8	86579	86579	86579	86579	–	–	2
67.00		–	86579	–	86579	–	–	2
68.00		–	92815	–	92815	–	–	2
(68.26)	2.11/16	92815	92815	92815	92815	–	–	2
69.00		–	92815	–	92815	–	–	2
(69.85)	2.3/4	92815	92815	92815	92815	–	–	2
70.00		–	92815	–	92815	–	–	2
71.00		–	92815	–	92815	–	–	2
(71.44)	2.13/16	97517	97517	97517	97517	–	–	2
72.00		–	113386	–	113386	–	–	2
73.00		–	113386	–	113386	–	–	2
(73.02)	2.7/8	113386	113386	113386	113386	–	–	2
74.00		–	113386	–	113386	–	–	2
(74.61)	2.15/16	113386	113386	113386	113386	–	–	2
75.00		–	119064	–	119064	–	–	2
76.00		–	119064	–	119064	–	–	2
(76.20)	3	119064	119064	119064	119064	–	–	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	2673	30	5/16 x 125 x 200	2673	30
8 x 175 x 250	2855	30	5/16 x 175 x 250	2855	30
8 x 200 x 300	3132	30	5/16 x 200 x 300	3132	30
8 x 225 x 300	3929	30	3/8 x 125 x 200	3357	30
9 x 125 x 200	2606	30	3/8 x 175 x 250	3581	30
9 x 175 x 250	3001	30	3/8 x 200 x 300	3800	30
10 x 125 x 200	3356	30	7/16 x 160 x 250	3977	30
10 x 175 x 250	3581	30	7/16 x 200 x 300	4191	30
10 x 200 x 300	3800	30	1/2 x 175 x 200	4483	30
10 x 300 x 400	4060	30	1/2 x 200 x 300	4532	30
12 x 160 x 250	3977 **	30	9/16 x 200 x 300	5328	30
12 x 200 x 300	4191	30	9/16 x 250 x 350	5647	30
13 x 200 x 300	4793	30	5/8 x 200 x 300	5328	30
14 x 160 x 250	4467	30	5/8 x 250 x 350	5702	30
14 x 200 x 300	5246	30	5/8 x 300 x 400	5960	30
15 x 200 x 300	5328	30	11/16 x 200 x 300	6613	30
15 x 300 x 400	5960	30	3/4 x 200 x 300	7019	30
16 x 200 x 300	5074	30	3/4 x 300 x 400	7469	30
16 x 300 x 400	5960	30	13/16 x 200 x 300	8844	30
17 x 200 x 300	6011	30	7/8 x 200 x 300	10477	20
18 x 200 x 300	6607	30	7/8 x 300 x 400	10702	20
19 x 200 x 300	7019	30	1 x 275 x 400	12897	20
20 x 200 x 300	7787	30	1 x 200 x 315	11483	20
20 x 300 x 400	8799	30	1-1/8 x 275 x 400	19594	20
22 x 200 x 300	8844	20	-	-	-
25 x 200 x 315	11483	20	-	-	-
25 x 275 x 400	12905	20	-	-	-
26 x 275 x 400	15947	20	-	-	-
28 x 175 x 400	18318	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	2271	20	29	13410	5
7	2418	20	30	13410	5
8	2418	20	31	15524	5
9	2617	20	32	15524	5
10	2985	20	33	18232	5
11	2985	20	34	20994	5
12	3421	20	35	20994	5
13	4063	20	36	22525	5
14	4063	20	37	24081	5
15	4468	20	38	24081	5
16	4468	15	39	24081	5
17	5159	15	40	27682	5
18	5777	15	41	27682	5
19	5777	15	42	30927	3
20	6301	15	43	30927	3
21	7269	15	44	33981	3
22	7269	15	45	36902	3
23	7269	15	46	36902	3
24	9359	10	47	40231	3
25	10145	10	48	43752	3
26	11340	10	49	43752	3
27	11340	10	50	48641	3
28	12321	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	2271	20	15/16	8965	15
9/32	2418	20	1	9732	10
5/16	2418	20	1.1/16	10916	10
11/32	2532	20	1.1/8	11866	10
3/8	2532	20	1.3/16	12921	5
13/32	2935	20	1.1/4	14938	5
7/16	2935	20	1.5/16	17502	5
15/32	3170	20	1.3/8	19512	5
1/2	3243	20	1.7/16	21664	5
9/16	3946	20	1.1/2	23171	5
5/8	4252	20	1.5/8	23821	5
11/16	5040	15	1.3/4	32041	3
3/4	5567	15	1.7/8	38622	3
13/16	6104	15	2	46804	3
7/8	6997	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	4602	5	64	19503	3
24, 25	4602	5	65, 66	19689	3
26, 27	4875	5	67	21602	3
28	5232	5	68, 69	21602	3
29	5483	5	70	21602	3
30	5509	5	71	23775	3
31	5730	5	72, 73	24018	3
32	5766	5	74, 75	26104	3
33	6054	5	76	26358	3
34	6300	5	77, 78	29266	3
35	6370	5	79	29568	3
36	6636	5	80	32410	3
37	6893	5	81	32410	3
38	6988	5	82	32410	3
39, 40	7337	5	83	34623	3
41	7662	5	84	34623	3
42, 43	8694	5	85	34959	3
44	8820	5	86	37091	3
45	9199	5	87	37091	3
46	9199	5	88	37091	3
47	9636	5	89	37446	3
48	9829	5	90	43854	3
49	9895	5	91	44289	3
50	10300	5	92	44289	3
51	11302	5	93	45846	3
52,53,54	11407	5	94	45846	3
55, 56	12518	5	95	46298	3
57	12518	5	96	53049	3
58, 59	14034	5	97	53049	3
60	14034	5	98	53451	3
61	16796	5	99, 100	59169	3
62, 63	16956	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	4614	5	2-1/8	11302	5
1-1/16	4875	5	2-1/4	12309	5
1-1/8	5185	5	2-3/8	13731	5
1-3/16	5409	5	2-1/2	16796	5
1-1/4	5730	5	2-5/8	19503	3
1-5/16	6018	5	2-3/4	21390	3
1-3/8	6300	5	2-7/8	23987	3
1-7/16	6581	5	3	26103	3
1-1/2	6869	5	3-1/8	29266	3
1-9/16	7253	5	3-1/4	32129	3
1-5/8	7573	5	3-3/8	34623	3
1-11/16	8610	5	3-1/2	37091	3
1-3/4	8788	5	3-5/8	43882	3
1-13/16	9111	5	3-3/4	45846	3
1-7/8	9418	5	3-7/8	53049	3
1-15/16	9838	5	4	58611	3
2	10194	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	2426	25	23	9679	10
7.4	2426	25	23.5	9679	10
8.4	2842	25	24	10526	10
9.4	3208	25	25	10526	10
10	3549	25	26	11866	10
11	3549	25	27	11866	10
11.5	4146	25	28	12843	10
12	4146	25	29	13864	10
13	4520	15	30	13864	10
13.5	4520	15	31	15270	5
14	4520	15	32	15270	5
15	5246	15	33	16429	5
17	6472	15	34	17627	5
17.5	6472	15	35	17627	5
18	7269	15	36	18809	5
19	7269	15	37	20051	5
20	7988	10	40	31881	3
21	8876	10	43	37732	3
21.5	8876	10	49	51321	3
22	8876	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	2372	25	15/16	9679	10
5/16	2643	25	1	10526	10
3/8	3020	25	1.1/16	11454	10
7/16	3549	25	1.1/8	12305	10
1/2	3835	25	1.3/16	13308	10
9/16	4520	15	1.1/4 MT3	14847	5
5/8	5246	15	1.1/4 MT4	15270	5
11/16 MT2	5278	15	1.5/16	15717	5
11/16 MT3	6472	15	1.3/8	16849	5
3/4	7269	15	1.7/16	18007	5
13/16	7719	10	1.1/2	20051	5
7/8	8876	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	3208	3806	35	4	11814	14074	35
1	3529	4015	35	5	24081	25867	20
2	4914	5960	35	6	42495	59252	5
3	7143	8935	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	3000	3000	20	16	6796	6796	10
4	3000	3000	20	20	10568	10568	10
5	3000	3000	20	25	11214	11214	10
6	3000	3000	20	30	15089	15089	10
8	4060	4060	20	32	16578	16578	10
10	4503	4503	20	40	29645	29645	5
12	5436	5436	15	50	51377	51377	3
14	6103	6103	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	2795		25	3/8	3896 **	3896	25
5/32	2795	2795	25	13/32	4372	4372	25
11/64	2795	2795	25	7/16	4501	4501	25
3/16	2795	2795	25	1/2	5087	5087	25
7/32	2795	2795	25	9/16	5882	5882	25
1/4	2795 **	2795	25	5/8	6542	6542	25
9/32	3058	3058		3/4	8247	8247	20
5/16	3387	3387		7/8	10176	10176	20
11/32	3821	3821					

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	1485	20	5/8	2863	20
3/8	1707		3/4	3518	20
1/2	2105	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)	3328	3	80	80	16135	3
	(32)	4158	3		100	18575	3
	(50)	5177	3	100	(40)	13407	2
	(70)	6940	3		(70)	20307	2
50	(25)	4263	3	100	(90)	25162	2
50	40	5048	3		(110)	35347	2
	63	6610	3		125	43059	2
	80	8576	3	125	(50)	30267	2
63	(32)	6069	3		(80)	42933	2
63	50	7653	3	125	(110)	57778	2
	70	10072	3		(125)	64638	2
	(90)	11826	3		140	71893	2
80	(36)	8576	3	160	125	107551	2
	63	13636	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	5425	3	6840	3	7579	3	9583	3	13820	3
2	8031	3	10525	3	12637	3	16776	3	23205	3
3	10685	2	14299	2	17646	2	23954	2	32778	2
4	13311	2	18173	2	22719	2	30530	2	42933	2
5	16051	2	25556	2	33410	2	42387	2	52858	2
6	18784	2	32548	2	39757	2	49553	2	62816	2
7	21431	2	37970	2	46183	2	59076	2	73554	2
8	25095	2	43372	2	52610	2	67289	2	82884	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	15135	3	22223	3	37063	3	5	37222	2	54766	2	75535	2
3	19158	2	29728	2	49925	2	6	47198	2	64442	2	88560	2
4	25763	2	37857	2	62832	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	3900	4850	4	150	28		29426	36872	4
	6		4054	5048	4		32		31628	40226	4
	8		4158	5187	4	160	6	40	17361	19388	3
	10		4418	5521	4		8		18450	20614	3
63	6	22	4778	6175	4		10		19545	21834	3
63	8	22	5048 **	6738	4	160	12	40	20619	23024	3
	10		5489 **	6939	4		14		21705	24256	3
	12		5727	7477	4		16		22984	25469	3
	14		5899	8021	4		18		24613	28181	3
	16		6189	8653	4		20		25841	28181	3
63	18	22	6599	8908	4	160	22	40	27365	31237	3
80	6	27	5231	6565	4		25		29535	36222	3
	8		5798	7145	4		28		31628	37715	3
	10		6189	8174	4		32		34425	41121	3
	12		6599	8653	4	200	6	40	22719	25198	3
80	14	27	7019	9282	4	200	8	40	24513	27138	3
	16		7342	9472	4		10		26530	29826	3
	18		8174	10728	4		12		30665	33719	3
	20		8529	11250	4		14		32663	36078	3
100	6	32	7477	9067	4		16		34681	38476	3
100	8	32	7992	9704	4	200	18	40	38704	43628	3
	10		8835	10400	4		20		39125	44960	3
	12		9472 **	11561	4		22		42723	48903	3
	14		10034	11825	4		25		46744	53704	3
	16		10728	12758	4		28		49214	57039	3
100	18	32	11440	13116	4	200	32	40	54702	63929	3
	20		12319	13850	4	225	6		29265	31738	3
	22		12897	15836	4		8		31945	34937	3
	25		14014	17265	4		10		34774	37634	3
125	6	32	10482	13005	4		12		40481	44177	3
125	8	32	11250	14014	4	225	14		43395	47765	3
	10		12053	16305	4		16		46361	51313	3
	12		13738	16928	4		18		52300	59467	3
	14		14882	18085	4		20		52300	59467	3
	16		15512	18784	4		22		57736	65850	3
125	18	32	16636	21424	4	225	25		63226	72020	3
	20		17226	23113	4		28		68843	77843	3
	22		19023	25116	4		32		74451	83634	3
	25		20802	26118	4	250	6		33585	36796	3
	28		23423	29899	4		8		37012	40016	3
150	6		12758	16406	4	250	10		40206	43194	3
	8		13878	17748	4		12		47029	51502	3
	10		15057	19124	4		14		50912	55494	3
	12		17439	22028	4		16		54664	59467	3
	14		18652	23423	4		18		61791	68795	3
150	16		19873	24843	4	250	20		61791	68795	3
	18		22314	27556	4		22		68381	76235	3
	20		22314	27556	4		25		75392	83017	3
	22		24774	30532	4		28		81955	91856	3
	25		27161	33627	4		32		88448	100730	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	4778		4	5	5/16	11250	14014	4
	5/16	5004		4		3/8	12053	16305	4
	3/8	5231		4		7/16	12897	16593	4
	7/16	5466		4		1/2	13738	16928	4
	1/2	5702		4		5/8	15512	18784	4
2.1/2	5/8	6112		4	5	3/4	17226	21431	4
	3/4	6528		4		7/8	19023	24843	4
	7/8	6966		4		1	20802	26118	4
	1	7456		4		1.1/4	24025		4
	1.1/4	8381		4		1.1/2	27332		4
2.1/2	1.1/2	9338		4	6	1/4	12758	16406	3
	3	5295	6649	4		5/16	13878	17748	3
	5/16	5565	7070	4		3/8	15057	19124	3
	3/8	5899	7901	4		7/16	16247	20553	3
	7/16	6175	8031	4		1/2	17439	22028	3
3	1/2	6500	8174	4	6	5/8	19866	24843	3
	5/8	7128	9153	4		3/4	22314 **	27556	3
	3/4	7653	9723	4		7/8	24774	30532	3
	7/8	8517	10602	4		1	27161	33607	3
	1	9204	11440	4		1.1/4	31628		3
3	1.1/4	10162		4	6	1.1/2	36078		3
	1.1/2	11613		4		7	1/4	18917	21431
3.1/2	1/4	6291		4		5/16	20469	24598	3
	5/16	6649		4		3/8	22024	26531	3
	3/8	7070		4		7/16	23497	27860	3
3.1/2	7/16	7490		4	7	1/2	25379	29121	3
	1/2	7856		4		5/8	28415	34154	3
	5/8	8707		4		3/4	31513	38204	3
	3/4	9538		4		7/8	34645	42032	3
	7/8	10283		4		1	37739	45787	3
3.1/2	1	11311		4	7	1.1/4	43909		3
	1.1/4	12795		4		1.1/2	50151		3
	1.1/2	14420		4		8	1/4	22719	25232
4	1/4	7456	9067	4		5/16	24513	27138	3
	5/16	7992	9704	4		3/8	26530	29826	3
4	3/8	8529 **	10283	4	8	7/16	28594	31774	3
	7/16	9067	10911	4		1/2	30665	33719	3
	1/2	9472 **	11561	4		5/8	34681	38476	3
	5/8	10728	12758	4		3/4	38704	43762	3
	3/4	11825	14560	4		7/8	42723	48903	3
4	7/8	12897	15836	4	8	1	46744	53690	3
	1	14014	17265	4		1.1/4	54693		3
	1.1/4	15926		4		1.1/2	62641		3
	1.1/2	17544		4	9	1/4	29265	32325	3
5	1/4	10482		4		5/16	31945	34937	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	34774	37634	3	10	5/16	37012	40016	3
	7/16	37478	41420	3		3/8	40206	43194	3
	1/2	40482	44232	3		7/16	43209	45184	3
	5/8	46361	51313	3		1/2	47029	51502	3
	3/4	51366	59467	3		5/8	54664	59467	3
9	7/8	57736	65850	3	10	3/4	61791	68795	3
	1	63226	68360	3		7/8	68383	76235	3
	1.1/4	74451	83634	3		1	75394	83017	3
	1.1/2	85705	95596	3		1.1/4	88448	100730	3
	1.3/4	105099	116603	3		1.1/2	102563	115741	3
10	1/4	33585	36796	3	1.3/4	124552	139084	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	3539	4	100	6	6840	2	160	12	19888	2
	6	3826	4		8	7341	2		14	21191	2
	8	4059	4		10	7992	2		16	22689	2
	10	4238	4		12	8707	2		18	24147	2
63	5	4151	4		14	9365	2		20	25763	2
63	6	4151	4	100	16	10078	2	160	22	27433	2
	8	4345	4		18	10665	2		25	29782	2
	10	4778	4		20	10900	2		28	31446	2
	12	5187	4		22	12174	2		32	35587	2
	14	5489	4		25	13005	2		200	12	29246
63	16	5899	4	125	8	10482	2	200	14	30899	2
	18	6340	4		10	11465	2		16	32860	2
80	5	5808	2		12	12504	2		18	35175	2
	6	5808	2		14	13783	2		20	37654	2
	8	6189	2		16	14698	2		22	40459	2
80	10	6606	2	125	18	15926	2	200	25	43619	2
	12	7398	2		20	16866	2		28	47269	2
	14	7992	2		22	17965	2		32	52615	2
	16	8493	2		25	19668	2		36	57956	2
	18	8973	2		28	21705	2		40	63457	2
80	20	9538	2	160	10	18889	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	2876	4		5/16	4500	3		5/16	8653	3
	5/16	3116	4	3 1/2	3/8	4865	3		3/8	9413	3
	3/8	3332	4		7/16	5231	3	5	7/16	10206	3
	7/16	3518	4		1/2	5609	3		1/2	10996	3
	1/2	3716	4		5/8	6385	3		5/8	12504	3
2.1/2	5/8	4158	4		3/4	6939	3		3/4	13738	3
	3/4	4453	4	3 1/2	7/8	7490	3		7/8	14994	3
	7/8	4764	4		1	8031	3	5	1	16247	3
	1	5048	4	4	3/16	4941	3	6	1/4	10206	3
3	1/4	3286	4		1/4	4941	3		5/16	11312	3
3	5/16	3539	4		5/16	5521	3		3/8	12405	3
	3/8	3806	4	4	3/8	6024	3		7/16	13515	3
	7/16	4158	4		7/16	7019	3	6	1/2	14640	3
	1/2	4370	4		1/2	7070	3		5/8	16863	3
	5/8	4920	4		5/8	8838	3		3/4	18699	3
3	3/4	5361	4		3/4	8973	3		7/8	20553	3
	7/8	5917	4	4	7/8	10329	3		1	22470	3
	1	6528	4		1	10636	3				
3.1/2	1/4	4099	3	5	1/4	7901	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	3682	3	80	32	22	70, 75, 80	8576	3
			75, 80, 85								
63	18	22	60, 65, 70	5489	3	100	36	27	70, 75, 80	12869	3
			75, 80, 85								
63	26	22	70, 75, 80	6528	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	4567	5049	3	1/2"	45, 50, 55, 60, 65, 70, 80	5295	5978	3
7/16	40	5005	5709	3	5/8"	50,60,65,70,80	5900	6649	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	4054	4
			65, 70, 75 & 80		4
63	18	22	12 x 55, 15 x 60	5544	4
			65, 70, 75 & 80		4
50	14	16	20 x 90	4418	4
63	20	22	20 x 90	5808	4
50	16	16	25 x 100	4778	4
63	22	22	25 x 100	6281	4
80	32	22	15 x 65, 70, 75	8576	3
100	36	27	15 x 70, 75, 80	12869	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	5295	3	3	5/8	1-1/4	6606	3
	3/4	1	6385	3		3/4	1-1/4	6649	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	3568	3	80	12	27	45	5332	3
50	10	16	60	3725	3	80	18	27	60	6040	3
50	14	16	90	4200	3	80	22	27	90	6840	3
63	10	22	45	4345	3	100	18	32	45	8429	3
63	14	22	60	4809	3	100	25	32	60	9859	3
63	20	22	90	5561	3	100	32	32	90	11537	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	4054	3	80	16	22	45	5798	3
56	12	16	60	4238	3	80	20	22	60	6291	3
56	14	16	90	4566	3	80	22	22	90	6840	3
63	12	22	45	4566	3	100	18	27	45	8429	3
63	16	22	60	5048	3	100	25	27	60	9859	3
63	18	22	90	5295	3	100	28	27	90	10685	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	4566	3	3	5/16	30, 40	5048	3
2.3/4	7/16	40	4778	3	3	7/16	30, 40	5295	3
2.3/4	1/2	45, 60, 90	4778	3	3	1/2	45, 60, 90	5295	3
2.3/4	5/8	60, 90	5295	3	3	5/8	60, 90	5798	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	4865	2	80	12.6	6.3	27	8015	2
50	4	2	16	4865	2	80	16	8	27	8798 **	2
63	5	2.5	22	6112	2	100	20	10	32	13501	2
63	6	3	22	6112	2	100	24	12	32	14896	2
63	6.3	3.15	22	6112	2	100	25	12.5	32	15753	2
63	8	4	22	6112	2	125	32	16	32	26037	2
63	10	5	22	6738	2	125	40	20	32	31372	2
80	12	6	27	8015	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	4865	2	70	16	8	22	7992	2
50	3.2	1.6	22	4865	2	90	18	9	27	10685	2
50	4	2	22	4865	2	90	20	10	27	11250	2
56	5	2.5	22	5760	2	90	22	11	27	12398	2
56	6	3	22	5760	2	90	24	12	27	13286	2
63	6	3	22	6112	2	90	25	12.5	27	13738	2
63	8	4	22	6112	2	100	28	14	32	16946	2
63	10	5	22	6738	2	110	32	16	32	21431	2
70	12	6	22	7264	2	110	36	18	32	28290	2
70	14	7	22	7992	2	125	40	20	40	31372	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	5808	2	80	24	6.3	27	12048	2
50	9	2	16	6074	2	80	32	8	27	14166	2
63	10	2.5	22	6665	2	100	36	10	32	19735	2
63	12	3	22	7176	2	100	40	12	32	20802	2
63	12	3.15	22	7176	2	100	40	12.5	32	20802	2
63	16	4	22	7384	2	125	50	16	32	43830	2
63	20	5	22	8664	2	125	60	20	32	47634	2
80	24	6	27	11974	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	6112	2	90	40	10	27	18784	2
56	8	1.6	22	6112	2	100	42	11	27	21907	2
56	9	2	22	6423	2	100	44	12	27	22642	2
56	10	2.5	22	6606	2	100	46	12.5	27	23083	2
63	14	3.5	22	7398	2	100	50	14	27	25401	2
70	24	6	22	10329	2	125	56	16	32	34966	2
70	28	7	22	10840	2	125	62	18	32	47634	2
90	36	9	27	16928	2	125	70	20	32	50151	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	5177	6112	2	3	3/4	1	9338	13485	2
2.1/4	3/16	1	5521	6338	2	3.1/4	13/16	1	10565	16135	2
2.1/4	1/4	1	5769	6753	2	3.1/4	7/8	1	11250	16406	2
2.1/2	5/16	1	6112	7398	2	3.1/2	15/16	1	12601	19198	2
2.1/2	3/8	1	6513	8021	2	3.1/2	1	1	13180	19469	2
2.1/2	7/16	1	6749	8665	2	4	1.1/8	1.1/4	16946	23802	2
2.1/2	1/2	1	7267	9240	2	4	1.1/4	1.1/4	18652	25401	2
2.3/4	9/16	1	7398	10840	2	4.1/4	1-3/8	1.1/4	25669	33472	2
2.3/4	5/8	1	8031	11112	2	4.1/4	1-1/2	1.1/4	27768	38358	2
3	11/16	1	8908	13277	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	4920	2	80	12	6.3	27	8624	2
50	5	2	16	4920	2	80	16	8	27	9282	2
63	5	2.5	22	5979	2	100	18	10	32	18366	2
63	6	3	22	5979	2	100	20	12	32	19149	2
63	6	3.15	22	5979	2	100	20	12.5	32	19149	2
63	8	4	22	6256	2	125	24	16	32	25846	2
63	10	5	22	6665	2	125	28	20	32	30010	2
80	12	6	27	8624	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	5177	2	100	11	21	27	19742	2
56	2.0	4.5	22	5177	2	100	12	22	27	19742	2
56	2.5	5	22	5177	2	100	12.5	22	27	19742	2
63	3.5	7	22	6256	2	100	14	25	27	20910	2
70	6.0	12	22	7128	2	100	16	28	32	22471	2
70	7.0	14	22	7490	2	100	18	31	32	28721	2
90	9.0	18	27	11206	2	125	20	35	32	30545	2
90	10.0	20	27	12174	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	5425	7667	2	3	3/8	1	8981	12801	2
2.1/4	3/32	1	5425	7667	2	3.1/4	13/32	1	10172	14699	2
2.1/4	1/8	1	5425	7667	2	3.1/4	11/16	1	10172	14699	2
2.1/2	5/32	1	6113	8624	2	3.1/2	15/32	1	12090	17748	2
2.1/2	3/16	1	6113	8624	2	3.1/2	1/2	1	12090	17748	2
2.1/2	7/32	1	6461	9240	2	3.1/2	9/16	1	13311	19853	2
2.1/2	1/4	1	6461	9240	2	3.1/2	5/8	1	13311	19853	2
2.3/4	9/32	1	7579	10995	2	3.3/4	11/16	1	19581	28048	2
2.3/4	5/16	1	7579	10995	2	3.3/4	3/4	1	19581	28048	2
3	11/32	1	8981	12802	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	-	3271	-	-	-	-	2
0.75	-	3271	-	-	-	-	2
1	3271	3271	-	-	-	-	2
1.25	3436		-	-	-	-	2
1.5	3754	3754	-	-	-	-	2
1.75	3754		4214	4785	-	-	2
2	-	4214	4214	4785	-	-	2
2.25	-	4214	4214	4785	-	-	2
2.5	-	4647	4647	5411	-	-	2
2.75	-	4647	4647	5411	-	-	2
3	-	5018	5018	6339	-	-	2
3.25	-		5275	6676	-	-	2
3.5	-	5544	5544	6798	-	-	2
3.75	-		6267	7427	-	-	2
4	-	6267	6267	7040	-	-	2
4.5	-	-	7501	9314	-	-	2
5	-	-	7877	9459	-	-	2
5.5	-	-	9459	10543	-	-	2
6	-	-	11817	11993	-	-	2
6.5	-	-	13506	14267	-	-	2
7	-	-		15006	-	-	2
8	-	-	-	17309	-	-	2
9	-	-	-	26580	26580	30301	2
10	-	-	-	29066	30128	32600	2
11	-	-	-	31546	34666	36340	2
12	-	-	-	33564	36340	38285	2
14	-	-	-	42275	43102	47416	2
16	-	-	-	-	-	59376	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	59376	-	-	-	2	11	-	-	4785	4214	2
1.75	47415	47415	42878	-	2	12	-	-	-	4152	2
2	38285	36340	33564	-	2	13	-	-	-	3754	2
2.25	36340	34666	31546	-	2	14	-	-	-	3754	2
2.5	32600	30128	29066	-	2	15	-	-	-	3754	2
2.75	30301	26580	26580	-	2	16	-	-	-	3438	2
3	-	-	17309	-	2	18	-	-	-	3438	2
4	-	-	11993	11817	2	20	-	-	-	3438	2
5	-	-	9459	7877	2	22	-	-	-	3271	2
6	-	-	7036	6267	2	24	-	-	-	3271	2
7	-	-	6798	5544	2	26	-	-	-	3271	2
8	-	-	6340	5018	2	28	-	-	-	3271	2
9	-	-	5411	4647	2	30	-	-	-	3271	2
10	-	-	5309	4600	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	8653	8653	8653	2	0.75	0.475	15135	15135	15398	2
0.375	0.25	8545	8973	8973	2	1	0.625	29335	29335	28587	2
0.5	0.305	10136	10136	10136	2	1.25	0.75	34407	31823	31823	2
0.5	0.335	10136	10136	10136	2	1.5	1	34645	34407	35758	2
0.625	0.325	10136	10136	10136	2	1.75	1.1	46802	46272	45960	2
0.625	0.4	11358	11358	11358	2	2	1.15	68549	63050	61246	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	6291	4	100	50	32	22719	3
50	36	22	7653 **	4	125	56	40	38092	3
63	40	27	10072 **	4	160	63	50	71893	3
80	45	27	14882	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	4328	4	3	1.3/4	1.1/4	13277	4
1.1/2	1.1/8	1/2	5295	4	3.1/2	1.7/8	1.1/4	16554	3
1.3/4	1.1/4	3/4	6291	4	4	2.1/4	1.1/2	24347	3
2	1.3/8	3/4	7151	4	4.1/2	2.1/4	1.1/2	29189	3
2.1/4	1.1/2	1	8624	4	5	2.1/4	1.1/2	38092	3
2.1/2	1.5/8	1	10030	4	5.1/2	2.1/4	2	44558	3
2.3/4	1.5/8	1	11405	4	6	2.1/4	2	51391	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	5426	4	3	1.11/16	1.1/8	11311	4
2	1.1/4	3/4	6256	4	4	1.3/4	1.1/8	18917	3
2.1/2	1.1/4	3/4	7901	4	5	2	1.1/2	31823	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	2875	5	5/8	1.1/4	6858	5
9/32	3/4	3428	5	11/16	1.1/2	6858	5
5/16	3/4	3428	5	3/4	1.1/2	5489	5
11/32	3/4	3428	5	13/16	1.1/2	5489	5
3/8	1	3716	5	7/8	1.3/4	6858	5
7/16	1	5489	5	15/16	1.3/4	6858	5
1/2	1	5489	5	1	1.3/4	6858	5
9/16	1.1/4	6858	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	1726	35	16.5	5	2403 **	30	28.5	6	5040 **	15
10.5	2.5	1726	35	19.5	4	2732	30	28.5	8	5040	15
10.5	3	1726	35	19.5	5	2732	30	28.5	10	5040	15
13.5	3	2158	30	19.5	6	2732 **	30	32.5	7	5960	10
13.5	4	2158 **	30	22.5	5	3106	25	32.5	8	5960	10
16.5	3	2403 **	30	22.5	6	3106 **	25	32.5	10	5960	10
16.5	4	2403	30	22.5	8	3106	25	45.5	10	10122	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	1841	30	607	3518	25	1210	6227	10
304	1841	30	807	3518	25	1011	7578	10
404	1841	30	608	4252 **	25	1211	7578	10
305	2552	30	808	4252	25	812	8561	10
405	2552	30	1008	4252	25	1012	8561	10
505	2552	30	609	5261	15	1212	8561	10
406	2996	30	809	5261 **	15			
506	2996	30	1009	5261	15			
606	2996	30	810	6227 **	10			
507	3518	25	1010	6227	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	6566	20	22	40	23013	15
12	21	7174	20	28	50	29831	10
14	25	13791	20	36	60	53758	5
18	32	17267	15	42	72	65239	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	5275	20	7/8	1-45/64	19737	15
5/16	45/64	5948	20	1	1-61/64	24442	10
3/8	53/64	6503	20	1-1/8	2-1/8	31551	5
7/16	61/64	6893	20	1-1/4	2-5/16	37534	5
1/2	1-5/64	8327	20	1-3/8	2-1/2	46327	5
5/8	1-21/64	13479	15	1-1/2	2-3/4	59314	3
3/4	1-33/64	16737	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	3725	15	28	12528	15	43	24194	10
14.5	4165	15	29	13207	15	46	27547	10
16.5	4779	15	31	14398	15	48	29901	3
17.5	5140	15	33	16495	10	51	33753	3
19.5	6070	15	34	17586	10	53	36671	3
20	6364 **	15	36	19112	10	55	40366	3
22	7283 **	15	37	19917	10	57	44351	3
23	8361	15	39	21580	10	59	49143	3
25	10122	15	41	23403	10	61	54751	3
26	11218 **	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	2211	15	11/16	7/16	5140	15	1-1/4	3/4	14398	15
5/16	3/16	2514	15	3/4	1/2	5778	15	1-3/8	13/16	17586	10
3/8	7/32	2806	15	13/16	9/16	6407	15	1-1/2	7/8	20428	10
7/16	1/4	2903	15	7/8	5/8	7283 **	15	1-5/8	15/16	23415	10
1/2	5/16	3267	15	15/16	5/8	8561	15	1-3/4	1	26528	10
9/16	3/8	4063	15	1	3/4	10122	15	1-7/8	1 1/8	29467	3
5/8	7/16	4537	15	1-1/8	3/4	12527	15	2	1 1/4	32540	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	2452 **	15	1-1/8	7578	15	2	22772 **	3
5/8	3257 **	15	1-1/4	9539 **	15	2 1/4	25818	3
3/4	3691 **	15	1-3/8	11152	10	2 1/2	32040 **	3
7/8	4661	15	1-1/2	13216 **	10	2 3/4	37818	3
1	5862 **	15	1-3/4	19542 **	10	3	45736	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	799 *	50	1330	25	969 **	50	1482	25
4	799 *	50	1330	25	969 *	50	1482	25
5	799 *	50	1330	25	969 **	50	1482	25
6	892 *	50	1330	25	1037 *	50	1482	25
7	1003 *	50	1330	25	1037 **	35	1482	25
8	1003 **	50	1330	25	1037 *	35	1629	25
9	1003 **	35	1439	25	1037	35	1629	25
10	1003 *	35	1439	25	1078 *	35	1663	25
11	1003 **	35	1582	25	1078	35	1663	25
12	1037 *	35	1582	25	1175 **	35	1857	25
13	1174 **	35	2186	25				
14	1285 *	35	2186	25	1504 **	35	2330	25
15	1504 **	35	2330	25	1691 **	35	2417	25
16	1504 *	35	2330	25	1691 **	35	2417	25
17	1642 **	35	2844	20				
18	1825 *	35	2844	20	2081 **	35	2772	25
19	1825 **	35	3284	20				
20	2020 *	35	3284	20	2081 **	25	2772	20
21	2266	35	3446	20	2427	25	3443	20
22	2292 *	35	3446	20	2427	25	3443	20
23	2485	30	3758	20	2879	25	4101	20
24	2485 **	30	4060	20	2879	25	4101	20
25	2671 *	30	4060	20	2879	25	4101	20
26	2771	20	5056	15	4100	20	5660	20
27	3260	20	5652	15				
28	3803 **	20	5652	15			5995	20
29	3803	20	6217	15				
30	4185 *	20	6217	15	4998 **	20	7189	20
31		20	6601	15				
32	4566	20	6601	15	4998 **	20	7189	20
33	5058	15	7981	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	5514	15	8755	10	6012	15	9314	15
35	5514 **	15	8755	10	6012	15	9314	15
36	6011 **	15	9594	10	6454	15	10860	15
37	6478	15	10462	10				
38	6905	15	10462	10	6961	15	10860	15
39	7325	15	12164	10				
40	7778 **	15	12164	10	7450	7	12395	10
41	7778	15	12164	10	8426	7		
42	8853	10	13375	10	8426	7		
43	8853	10	13375	10	9369	7		
44		10	13975	10	9369	7		
45	9920	10	15029	10	9369	7		
46	9920	10	15382	10	10403	7		
47	10913	10	15934	5	10403	7		
48	10913	5	15934	5	10403	7		
49	10913	5	17918	5	10407	7		
50	12003 **	5	17918	5	11407	7		
51	12003	5	17918	5				
52	14775	5	25106	4				
53	14775	5	25106	4				
54	17507	5	31720	4				
55	21050	5	31720	4				
56	21050	5	31720	4				
57	24481	5	33293	4				
58	24481	5	33293	4				
59	24481	5	33293	4				
60	26139	5	33293	4				
61	26139	5	39920	4				
62	26753	5	39920	4				
63	27211	5	39920	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	799	50	1240	25	969	50	1331	25
5/32	799	50	1240	25	969	50	1331	25
3/16	799 **	50	1240	25	969	50	1331	25
7/32	800	50	1272	25	1034	50	1459	25
1/4	892 **	50	1272	25	1037	50	1536	25
9/32	919	50	1272	25				–
5/16	1003 **	50	1272	25	1037	35	1629	25
3/8	1003 **	35	1382	25	1037	35	1629	25
7/16	1003	35	1401	25	1059	35	1663	25
1/2	1037 **	35	1582	25	1175	35	1857	25
9/16	1285	35	2186	25	1504	35	2330	25
5/8	1504 **	35	2329	25	1691	35	2417	25
11/16	1682	35	2626	20	1913	35	2630	25
3/4	1825 **	35	2772	20	2081	25	2772	20
13/16	2020	35	3152	20	2427	25	3443	20
7/8	2292	35	3450	20	2427	25	3443	20
15/16		–	3744	20	–	–	–	–
1	2671	30	4029	20	2879	25	4101	20
1-1/8	3803	15	5617	15	4100	20	5995	20
1-1/4	4566	15	6601	15	4998	20	7189	20
1-3/8	5514	10	8755	10	6012	15	9314	15
1-1/2	6454	10	10462	10	6961	15	10860	15
1-5/8	7778	10	12164	10	8617	7	–	–
1-3/4	9920	5	13975	10	9369	7	–	–
1-7/8	10938	5	15934	5	10403	7	–	–
2	11977	5	17918	5	11406	7	–	–
2-1/16	14775	5	–	–	–	–	–	–
2-1/8	17507	5	24829	5	–	–	–	–
2-3/16	21050	5		–	–	–	–	–
2-1/4	22773	5	31720	–			–	–
2-5/16	24481	5		–			–	–
2-3/8	26139	5	34615	–	–	–	–	–
2-1/2	29470	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		1526	1795	15	31		11553	13597	10
(3.17)	1/8	1526	1795	15	(31.75)	1.1/4	11553	13597	10
(3.97)	5/32	1526	1795	15	32		11553	13597	10
4		1526	1795	15	33		11553	13597	10
(4.76)	3/16	1526	1795	15	34		11553	13597	10
5		1526	1795	15	(34.92)	1.3/8	11553	13597	10
(5.56)	7/32	1526	1795	15	35		11553	13597	10
6		1526	1795	15	36		11553	13597	10
(6.35)	1/4	1526	1795	15	37		12452	14642	10
7		1723	2021	15	38		13270	15609	10
(7.14)	9/32	1723	2021	15	(38.10)	1.1/2	13270	15608	10
(7.94)	5/16	1723	2021	15	39		13804	16244	10
8		1723	2021	15	40		14671	17256	10
9		1723	2021	15	41		18708	22012	10
(9.52)	3/8	1723	2021	15	(41.27)	1.5/8	18708	22012	10
10		1723 **	2021	15	42		18708	22012	10
11		1989	2338	15	43		18708	22012	10
(11.11)	7/16	1989	2338	15	44	–			–
12		2048	2415	15	(44.45)	1.3/4	18708	22012	10
(12.70)	1/2	2048	2415	15	45		18708	22012	10
13		2532	2981	15	46		20631	24267	10
14		2532	2981	15	47		20631	24267	10
(14.29)	9/16	2532	2981	15	(47.62)	1.7/8	20631	24267	10
15		2960	3476	15	48		20631	24267	10
(15.87)	5/8	2960	3476	15	49		20631	24269	10
16		2960	3476	15	50		22633	26626	10
17		3608	4241	15	(50.8)	2	22584	26568	10
(17.46)	11/16	3608	4241	15	51		18857	22188	5
18		3608	4241	15	52		41072	48321	5
19		3608	4241	15	(52.39)	2-1/16	49282	57983	5
(19.05)	3/4	3608	4241	15	53		41072	48321	5
20		3996	4703	15	(53.97)	2-1/8	49282	57983	5
(20.64)	13/16	4525	5330	15	54		41072	48321	5
21		4525	5334	15	55		41072	48321	5
22		4525	5334	15	(55.56)	2-3/16	49282	57983	5
(22.22)	7/8	4525	5330	15	56		41072	48321	5
23		4899	5768	15	57		41072	48321	5
(23.81)	15/16	5274	6202	15	(57.15)	2-1/4	49282	57983	5
24		5274	6202	15	58		41072	48321	5
25		5274 **	6202	15	(58.74)	2-5/16	49282	57983	5
(25.40)	1	5274	6202	15	59		41072	48321	5
26		5324	6266	10	60		41072	48321	5
27		7311	8603	10	(60.32)	2-3/8	49282	57983	5
28		7311	8603	10	61		47026	55328	5
(28.57)	1-1/8	7311	8603	10	62		47026	55328	5
29		7311	8603	10	63		47026	55328	5
30		8042	9460	10	(63.50)	2-1/2	56431	66394	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	2900	3224				50
10		2900	3230	4020	4462	5203	50
11		2900	3367	4020	4593	5354	50
(11.11)	7/16	2900	3224				50
12		2977	3442	4248	4833	5632	50
(12.70)	1/2	2977	3305				35
13		3353	4066				35
14		3508	4066	4929	6314	6953	35
(14.29)	9/16	3508	4113				35
15		4389	5059				35
(15.87)	5/8	4389	5149				35
16		4389	5059	5993	6843	8430	35
17		4162	5164				25
(17.46)	11/16	4274	5012				25
18		4389	5164	6228	7215	8889	25
19		4386	5164				25
(19.05)	3/4	4386	5145				25
20		4975	6294	7269	9079	11186	25
(20.64)	13/16	4975	5838				25
21		5240	6294				25
22		5312	6294	7701	9079	11186	25
(22.22)	7/8	5312	6235				25
23		5529	6867				25
(23.81)	15/16	5529	6487				25
24		5529	6867				25
25		5761	6867	8631	10205	12572	25
(25.40)	1	5761	7833				5
26		6240	7409				5
27		6842	9031				5
28		7481	9031	10694	12880	15870	5
(28.57)	1.1/8	7481	8774				5
29		7481	9031				5
30		8315	10595				5
31		8737	10595				5
(31.75)	1.1/4	8737	9870				5
32		8737	10595				5
33		10041	12865				5
34		10636	12865				5
(34.92)	1.3/8	10636	12477				5
35		10636	12865				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		11239	15414	–	–	–	5
37		12099	15414	–	–	–	5
38		12647	15414	–	–	–	5
(38.10)	1.1/2	11822	13871	–	–	–	5
39		13492	17180	–	–	–	5
40		14083	17180	–	–	–	5
41		14083	19647	–	–	–	5
(41.27)	1.5/8	14083	16494	–	–	–	5
42		16112	19647	–	–	–	5
43		16112	19647	–	–	–	5
44		17346	21284	–	–	–	5
(44.45)	1.3/4	17346	20353	–	–	–	5
45		17346	21284	–	–	–	5
46		17346	23590	–	–	–	5
47		19242	23590	–	–	–	5
(47.62)	1.7/8	19242	22579	–	–	–	5
48		19242	23590	–	–	–	5
49		19242	25297	–	–	–	5
50		20546	25297	–	–	–	5
(50.08)	2	20546	24109	–	–	–	5
51		20546	25297	–	–	–	5
52		24238	42562	–	–	–	5
(52.39)	2.1/16	24238	28443	–	–	–	5
53		24238	42562	–	–	–	5
(53.97)	2.1/8	27451	32209	–	–	–	5
54		27451	42562	–	–	–	5
55		31741	42562	–	–	–	5
(55.56)	2.3/16	31741	37242	–	–	–	5
56		31741	42562	–	–	–	5
57		33812	42562	–	–	–	5
(57.15)	2.1/4	33812	39677	–	–	–	5
58		36051	49819	–	–	–	5
(58.74)	2.5/16	36051	42298	–	–	–	5
59		36051	49819	–	–	–	5
60		38177	49819	–	–	–	5
(60.32)	2.3/8	38177	44790	–	–	–	5
61		38177	49819	–	–	–	5
62		38764	49819	–	–	–	5
63		39409	49819	–	–	–	5
(63.50)	2-1/2	39409	46240	–	–	–	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	3416	4025	3760	4424	50
10		3416	4025	3760	4424	50
11		3665	4314	4029	4744	50
(11.11)	7/16	4236	4973	4651	5470	50
12		3764	4427	4141	4870	50
(12.70)	1/2	4236	4973	4651	5470	50
13		4474	5260	4915	5783	35
14		4474	5260	4915	5783	35
(14.29)	9/16	4474	5260	4915	5782	35
15		5529	6509	6082	7151	35
(15.87)	5/8	5529	6509	6082	7151	35
16		5529	6509	6082	7151	35
17		6467	7603	7116	8361	25
(17.46)	11/16	6467	7604	7116	8361	25
18		6467	7604	7116	8361	25
19		6467	7604	7116	8361	25
(19.05)	3/4	6467	7604	7116	8361	25
20		6467	7604	7116	8361	25
(20.64)	13/16	7010	8243	7711	9071	25
21		7010	8243	7711	9072	25
22		7010	8243	7711	9072	25
(22.22)	7/8	7010	8243	7711	9071	25
23		7701	9056	8468	9963	25
(23.81)	15/16	7701	9056	8468	9964	25
24		7701	9056	8468	9963	25
25		7701	9056	8468	9963	25
(25.40)	1	7701	9056	8468	9964	25
26		8269	9725	8842	10405	5
27		11314	13311	12101	14244	5
28		11314	13311	12101	14244	5
(28.57)	1.1/8	11314	13311	12101	14244	5
29		11314	13311	12101	14244	5
30		11314	13311	12101	14244	5
31		15524	18258	16606	19539	5
(31.75)	1.1/4	16263	19131	17402	20472	5
32		15524	18258	16606	19539	5
33		15524	18258	16606	19539	5
34		15524	18258	16606	19539	5
(34.92)	1.3/8	16263	19131	17402	20472	5
35		15524	18258	16606	19539	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		15524	18258	16606	19539	5
37		19586	23039	20954	24648	5
38		19586	23039	20954	24648	5
(38.10)	1.1/2	19586	23039	20954	24652	5
39		19586	23039	20562	24191	5
40		19586	23039	20562	24191	5
41		24350	28646	25566	30082	5
(41.27)	1.5/8	24350	28646	25566	30082	5
42		24350	28646	25566	30082	5
43		24350	28646	25566	30082	5
44		24350	28646	25566	30082	5
(44.45)	1.3/4	24350	28646	25566	30082	5
45		24350	28646	25566	30082	5
46		29011	34130	30460	35833	5
47		29011	34130	30460	35833	5
(47.62)	1.7/8	29011	34130	30460	35833	5
48		29011	34130	30460	35833	5
49		29011	34130	30460	35833	5
50		29011	34130	30460	35833	5
(50.08)	2	29011	34130	30460	35833	5
51		29011	34130	30460	35833	5
52		56289	66226	59103	69532	5
(52.39)	2.1/16	56289	66225	59105	69532	5
53		56289	66226	59103	69532	5
(53.97)	2.1/8	56289	66225	59105	69532	5
54		56289	66226	59103	69532	5
55		56289	66226	59103	69532	5
(55.56)	2.3/16	56289	66225	59105	69532	5
56		56289	66226	59103	69532	5
57		56289	66226	59103	69532	5
(57.15)	2.1/4	56289	66225	59105	69532	5
58		56289	66226	59103	69532	5
(58.74)	2.5/16	56289	66225	59105	69532	5
59		56289	66226	59103	69532	5
60		56289	66226	59103	69532	5
(60.32)	2.3/8	65738	77345	69030	81208	5
61		65738	77345	69030	81208	5
62		65738	77345	69030	81208	5
63		65738	77345	69030	81208	5
63.50	2-1/2	65738	77345	69030	81208	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	1795	2110	35	18	3525	3978	35
4	1795	2110	35	20	3952	4396	35
5	1795	2110	35	22	4280	4528	35
6	1795	2110	35	24	4912	5226	35
7	1980	2110	35	25	4912	5226	35
8	1980	2110	35	26	5481	5931	35
9	1980	2110	35	28	6570	7211	35
10	2080	2247	35	30	6883	7895	35
11	2080	2200	35	32	7943	8608	35
12	2163	2409	35	34	9491	10226	20
13	2478	2544	35	36	11010	11729	20
14	2478	2791	35	38	11010	11729	20
16	2791	3143	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	1795	1862	35	1	4912	6883	35
3/16	1795	1862	35	1 1/16	5481	7566	35
1/4	1795	1862	35	1 1/8	6570	8197	35
5/16	1980	2080	35	1 3/16	6883	8836	35
3/8	1980	2344	35	1 1/4	7944	9715	35
7/16	2080	2534	35	1 5/16	9491	10433	20
1/2	2163	2919	35	1 3/8	9491	11256	20
9/16	2478	3279	35	1 7/16	11010	12164	20
5/8	2791	3703	35	1 1/2	11010	12996	20
11/16	3279	3912	35	1 5/8	12807	15923	20
3/4	3525	4400	35	1 3/4	14326	18329	20
13/16	3952	4981	35	1 7/8	17825	20843	10
7/8	4281	5522	35	2	20635	23417	10
15/16	4584	5971	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	2110	2278	35	1	5226	6883	35
3/16	2110	2278	35	1 1/16	5931	7836	35
1/4	2110	2278	35	1 1/8	7211	8851	35
5/16	2110	2278	35	1 3/16	7895	9605	35
3/8	2110	2409	35	1 1/4	8608	10358	35
7/16	2200	2814	35	1 5/16	10226	11284	20
1/2	2409	2976	35	1 3/8	10226	12164	20
9/16	2791	3505	35	1 7/16	11729	12997	20
5/8	3143	3777	35	1 1/2	11729	13896	20
11/16	3666	4208	35	1 5/8	13640	16485	20
3/4	3978	4584	35	1 3/4	15077	18763	20
13/16	4396	5299	35	1 7/8	18453	21198	10
7/8	4528	5684	35	2	21019	23417	10
15/16	4804	6358	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	373	1118 *	1293	1324	1503	100 / 34
4 x 0.7	373	1118 *	1293	1324	1503	100 / 34
5 x 0.8	388	1163 *	1336	1377	1558	150 / 50
6 x 1.0	396	1189 *	1391	1404	1615	150 / 50
7 x 1.0	506	1518	–	–	–	150 / 50
8 x 1.25	459	1377 *	1596	1622	1854	150 / 50
9 x 1.25	556	1668	–	–	–	150 / 50
10 x 1.50	575	1723 *	1990	2092	2317	150 / 50
11 x 1.50	880	2639	–	–	–	100 / 34
12 x 1.75	877	2631 *	3269	3110	3501	100 / 34
14 x 2.00	1274	3821 *	–	–	–	100 / 34
16 x 2.00	1274	3821 *	4354	4516	5066	100 / 34
18 x 2.50	2093	6278 *	–	–	–	45 / 15
20 x 2.50	2750	8249 *	–	–	–	45 / 15
22 x 2.50	2856	8567 **	–	–	–	45 / 15
24 x 3.00	3207	9622 *	–	–	–	25 / 9
25 x 3.00	4022	12066	–	–	–	25 / 9
27 x 3.00	4960	14881 **	–	–	–	25 / 9
30 x 3.50	5541	16622 *	–	–	–	25 / 9
33 x 3.50	6762	20285 **	–	–	–	25 / 9
36 x 4.00	9392	28175 *	–	–	–	20 / 7
39 x 4.00	11025	33075 **	–	–	–	20 / 7
42 x 4.50	12873	38618 *	–	–	–	15 / 5
45 x 4.50	17310	51930	–	–	–	15 / 5
48 x 5.00	18458	55375 **	–	–	–	10 / 4
52 x 5.00	23170	69511	–	–	–	10 / 4
56 x 5.50	32962	98885 **	–	–	–	5 / 2
60 x 5.50	34753	104259	–	–	–	5 / 2
64 x 6.00	36560	109680 **	–	–	–	3 / 1
68 x 6.00	45621	136863	–	–	–	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	789	789	789	–	–	–	100	–
5 x 0.8	576	576	576	673 **	–	–	150	–
6 x 1.0	619	619	619	730	764	835	150	50
7 x 1.0	669	669	669	–	–	947	150	50
8 x 1.25	669	669	669	797	833	947 **	150	50
9 x 1.25	–	–	–	–	–	–	150	–
10 x 1.50	836	836	836	984 **	1037	1262	150	50
11 x 1.50	–	–	–	–	–	–	100	–
12 x 1.75	1180	1180	1180	1398 **	1502	1938	100	25
14 x 2.00	1709	1709	1709	2014	2276	2691	100	25
16 x 2.00	1709	1709	1709	2014 **	2276	2691	100	25
18 x 2.50	2709	2709	2709	3202	3554	4486	45	20
20 x 2.50	3362	3362	3362	3933 **	4215	5983	45	20
22 x 2.50	3727	3727	3727	4391	4955	6071	45	20
24 x 3.00	4163	4163	4163	4905	5352	6894	25	20
25 x 3.00	–	–	–	–	–	8243	25	20
27 x 3.00	6398	6398	6398	7557	–	10590	25	20
30 x 3.50	7043	7043	7043	8314	–	13079	25	20
33 x 3.50	8252	8252	8252	9989	–	14438	25	20
36 x 4.00	10791	10791	10791	–	–	18679	20	20
39 x 4.00	12998	12998	12998	–	–	22282	20	20
42 x 4.50	14842	14842	14842	–	–	26532	15	10
45 x 4.50	19896	19896	19896	–	–	31996	15	10
48 x 5.00	22373	22374	22374	–	–	37431	10	10
52 x 5.00	25903	25903	25903	–	–	–	10	–
56 x 5.50	33322	33321	33321	–	–	–	5	–
60 x 5.50	39333	39333	39333	–	–	–	5	–
64 x 6.00	44384	44384	44384	–	–	–	3	–
68 x 6.00	61831	61831	61831	–	–	–	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	604	1208	-			-	-	100 / 50	
3.5 x 0.35	604	1208	-			-	-	100 / 50	
4 x 0.5	533	1065	-			-	-	100 / 50	
5 x 0.5	520	1040	708	708	708	-	-	150 / 75	
6 x 0.75	533	1065	708	708	708	843	920	150 / 75	50
7 x 0.75	618	1235	802	802	802	957	1191	150 / 75	50
8 x 0.75	611	1223	764	764	764	907	1080	150 / 75	50
8 x 1.0	556	1112 **	764	764	764	907	1080	150 / 75	50
9 x 0.75	678	1357	1050	1050	1050	1311		150 / 75	
9 x 1.0	678	1357	1050	1050	1050	1311	1080	150 / 75	50
10 x 0.75	769	1538						150 / 75	
10 x 1.0	646	1293 **	882	882	882	1050	1424	150 / 75	50
10 x 1.25	646	1293 *	938	938	938	1109	1424	150 / 75	50
11 x 1.0	1075	2149	1367	1367	1367	1583		100 / 50	
12 x 1.0	1025	2049 **	1144	1144	1144		2234	100 / 50	25
12 x 1.25	1025	2049 **	1274	1274	1274	1507	2234	100 / 50	25
12 x 1.5	1025	2049 **	1274	1274	1274	1507	2234	100 / 50	25
14 x 1.0	1318	2637	1724	1724	1724	2042	3330	100 / 50	25
14 x 1.25	1355	2709	1709	1709	1709	2014	3330	100 / 50	25
14 x 1.5	1274	2547 **	1709	1709	1709	2014	3330	100 / 50	25
15 x 1.0	1550	3100	1833	1833	1833	2147	-	100 / 50	
15 x 1.5	1318	2637	1709	1709	1709	1994	-	100 / 50	
16 x 1.0	1318	2637	1833	1833	1833	2147	3330	100 / 50	25
16 x 1.5	1274	2547 **	1710	1710	1710	1994	3330	100 / 50	25
18 x 1.0	2603	5206	3254	3254	3254	3910	5133	45 / 23	20
18 x 1.5	2430	4860 **	3119	3119	3119	3676	5133	45 / 23	20
18 x 2.0	2430	4860	3119	3119	3119	3676	5133	45 / 23	20
20 x 1.0	3223	6445 **	4064	4064	4064	4955	-	45 / 23	
20 x 1.5	3018	6036 **	4064	4064	4064	4803	6579	45 / 23	20
20 x 2.0	3018	6036 **	4064	4064	4064	4803	6579	45 / 23	20
22 x 1.0	3648	7295	4064	4064	4064	5223		45 / 23	
22 x 1.5	3280	6559 **	4064	4064	4064	4971	6985	45 / 23	20
22 x 2.0	3280	6559	4064	4064	4064	4971	6985	45 / 23	20
24 x 1.0	3712	7424	4709	4709	4709	5819	-	25 / 13	
24 x 1.5	3712	7424 **	4709	4709	4709	5546	8306	25 / 13	20
24 x 2.0	3712	7424 **	4709	4709	4709	5546	8306	25 / 13	20
25 x 1.5	4103	8207	6129	6129	6129	7235	9338	25 / 13	20
25 x 2.0	4103	8207	6129	6129	6129	7235	-	25 / 13	
26 x 1.5	4127	8254	6049	6049	6049	7139	-	25 / 13	
26 x 2.0	4127	8254	6049	6049	6049	7139	-	25 / 13	
27 x 1.5	5510	11020	7235	7235	7235	8538	11771	25 / 13	20
27 x 2.0	5510	11020 **	7235	7235	7235	8538	-	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	5510	11020	7817	7817	7817	9171	14658	25 / 13	20
28 x 2.0	5510	11020	7817	7817	7817	9171	-	25 / 13	
30 x 1.0	6216	12433	8373	8373	8373	9847	-	25 / 13	
30 x 1.5	6216	12433 **	8140	8140	8140	9602	14658	25 / 13	20
30 x 2.0	6216	12433 **	8140	8140	8140	9602	14658	25 / 13	20
30 x 3.0	6216	12433	8140	8140	8140	9602	-	25 / 13	-
32 x 1.5	6539	13080	8997	8997	8997	10740	-	25 / 13	-
32 x 2.0	6539	13080	8997	8997	8997	10740	-	25 / 13	-
33 x 1.5	7577	15154	9847	9847	9847	11684	16263	25 / 13	20
33 x 2.0	7577	15154 **	9847	9847	9847	11684	16263	25 / 13	20
33 x 3.0	7577	15154	9847	9847	9847	11684	-	25 / 13	-
35 x 1.5	10502	21004	13685	13685	13685	-	-	20 / 10	-
36 x 1.5	10502	21004 **	13685	13685	13685	-	-	20 / 10	-
36 x 2.0	10502	21004 **	13685	13685	13685	-	-	20 / 10	-
36 x 3.0	10502	21004	13685	13685	13685	-	-	20 / 10	-
39 x 1.5	13115	26230	16623	16623	16623	-	-	20 / 10	-
39 x 2.0	13115	26230	16623	16623	16623	-	-	20 / 10	-
39 x 3.0	13115	26230	16623	16623	16623	-	-	20 / 10	-
40 x 1.5	13250	26500	17895	17895	17895	-	-	15 / 8	-
40 x 2.0	13898	27797	17895	17895	17895	-	-	15 / 8	-
40 x 3.0	14536	29072	17895	17895	17895	-	-	15 / 8	-
42 x 1.5	14536	29072	18875	18875	18875	-	-	15 / 8	-
42 x 2.0	14536	29072 **	18875	18875	18875	-	-	15 / 8	-
42 x 3.0	14536	29072	18875	18875	18875	-	-	15 / 8	-
42 x 4.0	14536	29072	18875	18875	18875	-	-	15 / 8	-
45 x 1.5	20160	40320	26334	26334	26334	-	-	15 / 8	-
45 x 2.0	20160	40320	26334	26334	26334	-	-	15 / 8	-
45 x 3.0	20160	40320	26334	26334	26334	-	-	15 / 8	-
45 x 4.0	20160	40320	26334	26334	26334	-	-	15 / 8	-
48 x 1.5	21005	42010	27284	27284	27284	-	-	10 / 5	-
48 x 2.0	21005	42010	27284	27284	27284	-	-	10 / 5	-
48 x 3.0	21005	42010 **	27284	27284	27284	-	-	10 / 5	-
48 x 4.0	21005	42010	27284	27284	27284	-	-	10 / 5	-
50 x 1.5	23157	46314	31759	31759	31759	-	-	10 / 5	-
50 x 2.0	23157	46314	31759	31759	31759	-	-	10 / 5	-
50 x 3.0	23157	46314	31759	31759	31759	-	-	10 / 5	-
52 x 1.5	26097	52193	33906	33906	33906	-	-	10 / 5	-
52 x 2.0	26097	52193	33906	33906	33906	-	-	10 / 5	-
52 x 3.0	26097	52193	33906	33906	33906	-	-	10 / 5	-
52 x 4.0	26097	52193	33906	33906	33906	-	-	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	388	1163	150 / 50	1	3712	11137	20 / 7
1/4	396	1189	150 / 50	1.1/8	5036	15108	20 / 7
5/16	459	1377	100 / 34	1.1/4	6068	18205	20 / 7
3/8	544	1633	100 / 34	1.3/8	7829	23488	20 / 7
7/16	703	2109	100 / 34	1.1/2	9392	28175	20 / 7
1/2	887	2661	100 / 34	1.5/8	11008	33024	10 / 4
9/16	1288	3863	100 / 34	1.3/4	12877	38631	10 / 4
5/8	1288	3863	100 / 34	2	18458	55375	10 / 4
11/16	2127	6380	35 / 12	2.1/4	27587	82762	5 / 2
3/4	2127	6380	35 / 12	2.1/2	36206	108619	5 / 2
13/16	2510	7529	35 / 12	2.3/4	45182	135546	3 / 1
7/8	2886	8658	35 / 12	3	60633	181900	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	835	50	5/8	2853	25	1.1/4	12864	15
5/16	947	50	11/16	3782	20	1.3/8	15850	15
3/8	1161	50	3/4	4486	20	1.1/2	19015	15
7/16	1557	50	7/8	6071	20	1.3/4	26739	10
1/2	1938	25	1	7909	15	2	37761	10
9/16	2853	25	1.1/8	10667	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)**

**BS: 949 - 1951**

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

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

**NPT, NPS, NPSF & NPTF**

**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									801	1602 **	801	1602	100 / 50
1/8	579	1159 *	687	1374	832	1664	769	1538 **	801	1602	931	1862	100 / 50
1/4	900	1800 *	1189	2377	1453	2905	1386	2771 **	1455	2910 **	1756	3512	100 / 50
3/8	1361	2722 *	1507	3013	1806	3611	1907	3815 **	1993	3986 **	2210	4420	100 / 50
1/2	1987	3974 *	2174	4348	2623	5245	2772	5544 **	2896	5792 **	3219	6439	50 / 25
5/8	2254	4507 **											50 / 25
3/4	3353	6706 *	3562	7125	4251	8502	4675	9349	4880	9760 **	5256	10512	25 / 13
7/8	4166	8331											25 / 13
1	5294	10588 **	6003	12006	7184	14369	7268	14535 **	7618	15236 **	8176	16353	25 / 13
1.1/4	7949	15897 **	9276	18552			10400	20801 **	10900	21800 **	12046	24092	15 / 8
1.1/2	9905	19809 **	11573	23146			12896	25792 **	13499	26998 **			15 / 8
1.3/4	15198	30395											15 / 8
2	17790	35580 **	20687	41374			23277	46553	24382	48765			10 / 5
2.1/4	30767	61534											5 / 3
2.1/2	44090	88180					68336	136671	71578	143156			5 / 3
2.3/4	49551	99102											5 / 3
3	55859	111719					89072	178145	93317	186634			5 / 3
3.1/2	73398	146796					117080	234161	122606	245212			5 / 3
4	92359	184718					147168	294336	154165	308330			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"	2000	6000	50 / 25	1-1/4"	9445	28336	20 / 10
5/8"	2614	7842	50 / 25	1-1/2"	15952	47856	15 / 8
3/4"	4064	12191	25 / 13	2"	15192	45576	10 / 5
1"	5908	17723	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	455	1365	100 / 34	9/16	26	1798	5393	100 / 34
5/16	26	555	1665	100 / 34	9/16	26LH	1798	5393	100 / 34
3/8	26	709 **	2128	100 / 34	1	24	3646	10939	25 / 13
7/16	26	908	2725	100 / 34	1.37	24.00	7644	22933	15 / 8
1/2	26	1110	3332	100 / 34	1.37	24 LH	7644	22933	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	264	344	362	377	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 **	334	460	484	511	50
1/4 x 4	6 x 100	191 **	456	612	648 **	673	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	1375 **	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 **	1062	50
3/8 x 6	–	421 *	1073	1499	1577 **	1678	50
3/8 x 8	–	579 *	1524	2129	2241 **	2385 **	50
3/8 x 10	–	741	2020	2819	2967	3158	50
–	10 x 75	246	553	768	808	863	50
–	10 x 100	295	741	1034	1084	1159	50
–	10 x 150	458	1159	1618	1699	1805	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	334 **	801	1148	1212	1260	50
1/2 x 4	12 x 100	421 *	1073	1148	1579 *	1687	50
1/2 x 6	12 x 150	647 *	1649	2355	2484 *	2595	50
1/2 x 8	12 x 200	852 *	2309	3290	3460 *	3618 **	50
1/2 x 10	12 x 250	1293	3232	4527	4767	5053	50
5/8 x 4	16 x 100	672 **	1769	2526	2658 **	2767	50
5/8 x 6	16 x 150	989 **	2658	3702	3896 **	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	–	1857	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	2289	6123	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"	554		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"	1020		5.5	979	
9/32 x 3"	1403		6	1090	
19/64" x 3"	1403		6.5	1534	
5/16" x 3"	1535		6.8	1535	
21/64" x 3"	1696		6.9	1535	
11/32 x 3"	1766		7	1766	
23/64 x 3"	1766		7.2	2099	
3/8 x 3"	1918		7.5	2100	
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		815 **	–	25		31/64	1732	2922	25
	1/8	815	–	25		1/2	1732 **	2922 **	25
3.5		841	–	25	13.0		1732 **	2922	25
	9/64	841	–	25		17/32	1869	3345	25
	5/32	844	–	25	14.0		2048 **	3345 **	20
4.0		844 **	–	25		9/16	2048	3345	20
	11/64	844	–	25	15.0		2295	3552	20
4.5		844 **	–	25		19/32	2295	3552	20
	3/16	920 **	–	25		5/8	2644	3843	20
5.0		920 **	–	25	16.0		2644 **	3843 **	20
	13/64	920	–	25		21/32	2780	4135	20
5.5		933 **	–	25	17.0		2780	4135 **	20
	7/32	933	–	25		11/16	2780	4135	20
	15/64	982	–	25	18.0		3058 **	4493 **	20
6.0		982 **	–	25		23/32	3058	4493	20
	1/4	998 **	–	25	19.0		3489	4804	20
6.5		998	–	25		3/4	3489	5527	20
	17/64	1017	–	25		25/32	3956	5527	20
7.0		1080 *	–	25	20.0		3956	5527 **	20
	9/32	1080	–	25		13/16		5723	20
7.5		1107 **	–	25	21.0			5723 **	20
	19/64	1107	–	25		27/32		5723	20
	5/16	1107 **	–	25	22.0			5996 **	20
8.0		1107 **	–	25		7/8		5996	20
	21/64	1142	–	25	23.0			6331	20
8.5		1142 **	–	25		29/32		6331	20
	11/32	1180	–	25		15/16		6646	20
9		1180 **	–	25	24.0			6646	20
	23/64	1260	–	25		31/32		6889	20
9.5		1260	–	25	25.0			6889	20
	3/8	1268	2201	25		1		8464 **	20
	25/64	1268	2201	25	26.0			8464	15
10.0		1268 **	2201 **	25		1.1/32		8464	15
	13/32	1374	2460	25		1.1/16		8741	15
10.5		1374 **	2460	25	27.0			8741	15
	27/64	1391	2460	25		1.3/32		9202	15
11.0		1391 **	2460	25	28.0			9202	15
	7/16	1444	2690	25		1.1/8		9549	15
11.5		1444	2690	25	29.0			9549	15
	29/64	1444	2690	25		1.5/32		9549	15
	15/32	1559	2690	25	30.0			9828	15
12.0		1559 **	2690 **	25		1.3/16		9828	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	2201	25
	1/8	25	115	1	2201	25
3.5	9/64	25	115	1	2201	25
4	5/32	25	115	1	2201	25
4.5	11/64	28	118	1	2201	25
5	3/16	28	118	1	2201	25
5.5	13/64	32	122	1	2201	25
	7/32	32	122	1	2201	25
6	15/64	32	122	1	2201	25
	1/4	32	122	1	2201	25
6.5		32	122	1	2201	25
	17/64	40	130	1	2201	25
	9/32	40	130	1	2201	25
7.5	19/64	40	130	1	2201	25
8	5/16	40	130	1	2201	25
8.5	21/64	50	140	1	2201	25
9	11/32	50	140	1	2201	25
	23/64	50	140	1	2201	25
9.5	3/8	50	140	1	2201	25
	25/64	50	140	1	2201	25
31	1.7/32	125	275	4	10692	15
32	1.1/4	125	275	4	11151	15
33		125	275	4	11655	15
34	1.5/16	125	275	4	12061	15
35	1.3/8	125	275	4	12405	15
36		125	275	4	12813	15
37	1.7/16	125	275	4	12348	15
38	1.1/2	125	275	4	13622	15
39		125	275	4	13878	10
40	1.9/16	125	275	4	14164	10
41		125	275	4	14486	10
42	1.5/8	125	275	4	14896	10
43	1.11/16	125	275	4	15309	10
44		125	275	4	15708	10
45	1.3/4	125	275	4	16100	10
46	1.13/16	125	275	4	16585	10
47		125	275	4	16585	10
48	1.7/8	125	275	4	16829	10
49	1.15/16	125	275	4	17122	10
50		125	275	4	17405	10
	2	125	275	4	17710	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		5624	20	19.0		7325	20		1	8056	15
	1/2	5624	20		3/4	7325	20	26.0		8056	15
13.0		5624	20		25/32	7629	20		1.1/32	8056	15
	17/32	5867	20	20.0		7629	20	27.0		8056	15
14.0		6331	20		13/16	7629	20		1.1/16	8056	15
	9/16	6331	20	21.0		7629	20		1.3/32	8258	15
15.0		6331	20		27/32	7629	20	28.0		8258	15
	19/32	6331	20	22.0		7629	20		1.1/8	8375	15
	5/8	6552	20		7/8	7629	20		1.5/32	8375	15
16.0		6552	20	23.0		7629	20	30.0		8375	15
	21/32	6552	20		29/32	7629	20		1.3/16	8375	15
17.0		6552	20		15/16	8056	20		1.7/32	8618	15
	11/16	6552	20	24.0		8056	20		1.1/4	8618	15
18.0		7325	20		31/32	8056	20	32.0		8618	15
	23/32	7325	20	25.0		8056	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	7391	10	45.0		7920	10		2.3/4	11188	4
32.0		7391	10	46.0		8257	7	71.0		11884	4
33.0		7391	10		1-13/16	8257	7		2.7/8	11884	4
	1.5/16	7391	10	47.0		8257	7	76.0		12237	4
34.0		7391	10		1.7/8	8257	7		3	12237	4
	1.3/8	7391	10	48.0		8257	7	77.0		12237	4
35.0		7391	10	49.0		8257	7	78.0		12237	4
36.0		7544	10		1-15/16	8257	7		3.1/8	12237	4
	1.7/16	7544	10	50.0		8257	7		3.1/4	12237	4
37.0		7544	10		2	8618	7		3.3/8	12553	4
38.0		7629	10	51.0		8618	7	86.0		12553	4
	1.1/2	7629	10	52.0		8618	7	87.0		12553	4
39.0		7629	10		2.1/8	8618	7		3.1/2	12553	4
	1.9/16	7629	10	56.0		9003	4	91.0		13268	4
40.0		7629	10	57.0		9003	4	92.0		13268	4
41.0		7920	10		2.1/4	9003	4		3.5/8	13268	4
	1.5/8	7920	10		2.3/8	9003	4	93.0		13268	4
42.0		7920	10	61.0		11188	4	94.0		13268	4
	1.11/16	7920	10		2.1/2	11188	4		3.3/4	13268	4
43.0		7920	10	66.0		11188	4		3.7/8	13268	4
44.0		7920	10		2.5/8	11188	4		4	13268	4
	1.3/4	7920	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		4306	20		3/8	4617	20
	1/4	4306	20	10.0		4617 **	20
7.0		4306	20		13/32	4617	20
	9/32	4306	20	11.0		4617	20
	5/16	4010	20		7/16	4617	20
8.0		4010	20		15/32	5086	20
	11/32	4010	20	12.0		5086	20
9.0		4010	20		1/2	5086	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		4306	20		11/16	6056	10
	1/4	4306	20	18.0		6056	10
7.0		4306	20		23/32	6056	10
	9/32	4306	20	19.0		6056	10
	5/16	4010	20		3/4	6056	10
8.0		4010	20		25/32	6056	10
	11/32	4010	20	20.0		6056	10
9.0		4010	20		13/16	6056	10
	3/8	4617	20	21.0		6738	10
10.0		4617 **	20		27/32	6738	10
	13/32	4617	20	22.0		6738	10
11.0		4617	20		7/8	6738	10
	7/16	4617	20	23.0		6738	10
	15/32	5086	20		29/32	6835	10
12.0		5086	20	24.0		8660	10
	1/2	5086	20	25.0		8660	10
13.0		5086	20		1	8660	10
	17/32	5338	20	26.0		8660	10
14.0		5338	10	27.0		8824	10
	9/16	5338	10	28.0		8824	10
15.0		5338	10	29.0		8824	10
	19/32	6056	10	30.0		8896	10
	5/8	6056	10			8896	10
16.0		6056	10	31.0		8896	10
	21/32	6056	10	32.0		8896	10
17.0		6056	10				



**CARBIDE TIPPED SHELL REAMERS  
(BRAZED TYPE)**

**IS : 11934 – 1987**

**GRADE OF TIP ISO K – 10**

Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
19.0		7325	3	36.0		11655	3
	3/4	7325	3		1.7/16	11655	3
	13/16	8003	3	38.0		11754	3
21.0		8003	3		1.1/2	11754	3
22.0		8003	3	39.0		11754	3
	7/8	8003	3		1.9/16	11754	3
	15/16	8056	3	41.0		13691	3
24.0		8056	3		1.5/8	13691	3
25.0		9362	3	42.0		13691	3
	1	9362	3		1.11/16	13691	3
	1.1/16	9413	3	43.0		13691	3
27.0		9413	3	44.0		13691	3
	1.1/8	11130	3		1.3/4	13691	3
29.0		11130	3		1-13/16	13691	3
30.0		11130	3	47.0		14240	3
	1.3/16	11372	3		1.7/8	14240	3
	1.1/4	11130	3	48.0		14240	3
32.0		11130	3	49.0		14240	3
33.0		11130	3		1-15/16	14240	3
	1.5/16	11162	3	50.0		14240	3
	1.3/8	11655	3		2	14240	3
35.0		11655	3				

**CARBIDE TIPPED STRAIGHT SHANK END MILLS  
(BRAZED TYPE)**

**IS : 9323 – 1991**

**GRADE OF TIP ISO K – 20**

Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
	5/16	3198	25		1/2	3411	25
8.0		3198	25		5/8	3411	20
	3/8	3207	25	16.0		3607	20
10.0		3207	25		3/4	3607	20
12.0		3073	25	20.0		3788	20

**CARBIDE TIPPED TAPER SHANK END MILLS**

**IS : 9324 – 1991**

**GRADE OF TIP ISO K – 20**

Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
12.0		4205	25	25.0		5001	20
	1/2	4205	25		1	5001	20
	5/8	4380	20		1-1/4	8056	15
16.0		4380	20	32.0		8056	15
	3/4	4904	20		1-1/2	9741	15
20.0		4904	20	40.0		9741	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	2690	70	16.0	9/16	3473	100
		2690	70			5/8	4134
	3/8	2768	70			4134	60
10.0		2768	70	18.0	11/16	4182	60
	7/16	2981	70				4182
12.0		2981	100	20.0	3/4	4245	60
	1/2	2981	100				4245
14.0		3473	100				

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		4596	100	20.0		5917	50
	1/2	4596	100		22.0		6226
14.0		5060	100	25.0		7/8	6226
	9/16	5060	100				6226
16.0	5/8	5792	70	28.0	1	6226	20
		5792	70				6274
18.0	11/16	5839	50	32.0	1-1/8	6274	15
		5839	50			1-1/4	6274
	3/4	5917	50			6274	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	10496	3	100 x 12	4 x 1/2	13185	3
80 x 8.0	3 x 5/16	10869	3	100 x 16	4 x 5/8	14209	3
80 x 10	3 x 3/8	11142	3	125 x 12	5 x 1/2	14822	3
100 x 8.0	4 x 5/16	12131	3	125 x 14	5 x 9/16	15985	3
100 x 10	4 x 3/8	12533	3	125 x 16	5 x 5/8	16494	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	4144	6		3	8564	3
40.0		4144	6	80.0		8564	3
50.0		4278	6	100		13218	3
	2	4278	6		4	11837	3
63.0		6349	3	125		17061	3
	2-1/2	6349	3		5	17061	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		6226	3	80		8352	3
	2-1/2	6226	3	100		12889	3
	3	8352	3		4	12889	3

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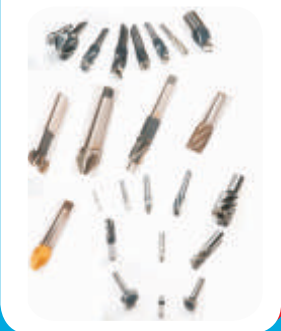
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GSTIN NO. 33AAACA5199H1ZP