



Price List - MC 48

(With effect from 19th January 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

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%	
Taper Shank Twist Drills				
All Series of Taper Shank	3.0 mm - 102.0 mm (4")	IS 5103 - 1969 BS 328 (PART 1) 1986	25%	
Extra Long Series				
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%	
Left Hand Drills				
Parallel Shank	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%
Taper Shank Twist Drills	3.0 mm - 102 mm (4")	IS 5103 - 1969 BS 328 (PART 1) 1986	25%	
Taper Shank Core Drills	7.0 mm - 76.2 mm (3")	IS 5366 - 1959 BS 328 (PART 1) 1986	25%	
Oversize Taper Shank Drills	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				3575	3635						200
0.4				3575	3635						200
0.5				3575	3635						200
0.6				3575	3635						200
0.7				2041	2076						200
0.8				2041 **	2076						200
0.9				2041 **	2076						200
1.0			536 *	499	507	867	642	1027			200
(1.02)		60	536	499	507						200
(1.04)		59	536	499	507						200
(1.07)		58	536	499	507						200
(1.09)		57	536	499	507						200
1.10			536 **	499	507	867	642	1027			200
(1.18)		56	536	499	507						200
(1.19)	3/64		536	499	507		642				200
1.20			536 **	499 **	507	867	642	1027			200
1.30			536 **	499	507	867	642	1027			200
(1.32)		55	536	499	507						200
1.40		54	536 **	499 **	507	867	642	1027			200
1.50			508 *	473	482	867	609	1027			200
(1.51)		53	508	473	482						200
(1.59)	1/16		508	473	482		609				200
1.60			508 *	473 **	482	867	609	1027			200
(1.61)		52	547	509	518						200
1.70			547 **	509	518	908	645	1068			200
(1.70)		51	547	509	518						200
(1.78)		50	547	509	518						200
1.80			547 *	509 **	518	908	645	1068			200
(1.85)		49	547	509	518						200
1.90			547 **	509 **	518	933	645	1098			200
(1.93)		48	547	509	518						200
(1.98)	5/64		547	509	518		645				200
(1.99)		47	547	509	518						200
2.00			547 *	509 *	518	908	645	1068			200
(2.06)		46	547	509	518						200
(2.08)		45	547	509	518						200
2.10			547 *	509 **	518	977	645	1137			200
(2.18)		44	547	509	518						200
2.20			547 *	509 **	518	977	645 **	1137			200
(2.26)		43	547	509	518						200
2.30			547 *	509	518	977	645	1137			200
(2.37)		42	547	509	518						200
(2.38)	3/32		547	509	518		645				200
2.40			547 *	509 **	518	977	645	1137			200
(2.44)		41	547	509	518						200
(2.49)		40	547	509	518						200
2.50			547 *	509 *	518	977	645	1137			200
(2.53)		39	547	509	518						200
(2.58)		38	547	509	518						200
2.60			547 *	509 **	518	977	645	1137			200
(2.64)		37	547	509	518						200
2.70			547 *	509 **	518	977	645	1137			200
(2.71)		36	547	509	518						200
(2.78)	7/64		547	509	518		658				200
(2.79)		35	598	557	566						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			598 *	557 **	566	1032	658	1137	957	1499	200
(2.82)		34	598	557	566						200
(2.87)		33	598	557	566						200
2.90			598 *	557	566	1032	658	1137	957	1499	200
(2.95)		32	598	557	566						200
3.00			598 *	557 *	566 **	1032 **	730	1235	957	1499	200
(3.05)		31	713	663	675		874				200
3.10			713 *	663 **	675	1070	874	1289	1136	1571	200
(3.17)	1/8		713 *	663 *	675		874				200
3.20			738 *	687 *	700	1095	896	1326	1184	1607	200
(3.26)		30	738	687	700		896				200
3.30			738 *	687 **	700	1095	896	1326	1184	1607	200
3.40			738 *	687	700	1095	896	1326	1184	1607	200
(3.45)		29	738	687	700		896				200
3.50			738 *	687 *	700	1095	896	1326	1184	1607	200
(3.57)		28	738	687	700		896				200
(3.57)	9/64		738 *	687 **	700		896				200
3.60			1044 *	971	988	1386	1278	1706	1673	2110	200
(3.66)		27	1044	971	988		1278				200
3.70			1044 *	971 **	988	1386	1278	1706	1673	2110	200
(3.73)		26	1044	971	988		1278				200
(3.80)		25	1044 *	971	988		1278				200
3.80			1044	971 **	988	1386	1278	1706	1673	2110	200
(3.86)		24	1044	971	988		1278				200
3.90			1044 *	971	988	1386	1278	1706	1673	2110	200
(3.91)		23	1044	971	988		1278				200
(3.97)	5/32		1044 *	971 **	988		1278				200
(3.99)		22	1044	971	988		1278				200
4.00			1044 *	971 *	988	1386	1278	1706	1673	2110	200
(4.04)		21	1273	1184	1206		1543				200
(4.09)		20	1273	1184	1206		1543				200
4.10			1273 *	1184 *	1206	1605	1543	1989	2020	2479	200
4.20			1273 *	1184 *	1206 **	1605	1543	1989	2020	2479	200
(4.22)		19	1273	1184	1206		1543				200
4.30			1273 *	1184 **	1206	1605	1543	1989	2020	2479	200
(4.30)		18	1273	1184	1206		1543				200
(4.37)	11/64		1273 *	1184	1206		1543				200
(4.39)		17	1273	1184	1206		1543				200
4.40			1273 *	1184 **	1206	1605	1543	1989	2020	2479	200
(4.50)		16	1667	1552	1579		2032				200
4.50			1667 *	1552 *	1579 **	1983	2032	2479	2653	3118	200
(4.57)		15	1667	1552	1579		2032				200
4.60			1667 **	1552	1579	1983	2032	2479	2653	3118	200
(4.62)		14	1667	1552	1579		2032				200
4.70		13	1667	1552	1579	1983	2032	2479	2653	3118	200
(4.76)	3/16		1667 *	1552 **	1579		2032				200
4.80		12	1667 *	1552 **	1579	1983	2032	2479	2653	3118	200
(4.85)		11	1807	1682	1712		2199				200
4.90			1807 *	1682 **	1712	2116	2199	2663	2881	3351	200
(4.92)		10	1807 **	1682	1712		2199				200
(4.98)		9	1807	1682	1712		2199				200
5.00			1807 *	1682 *	1712 **	2116	2199 **	2663	2881	3351	200
(5.06)		8	1783	1682	1712		2199				100
5.10			1783 *	1682 **	1712	2116	2199	2663	2881	3351	100
(5.11)		7	1783	1682	1712		2199				

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		1783 *	1682 *	1712		2199				100
(5.18)		6	1783	1682	1712		2199				100
5.20			1783 *	1682 *	1712	2116	2199	2663	2881	3351	100
(5.22)		5	1920	1795	1827		2356				100
5.30			1920 *	1795	1827	2229	2356	2821	3079	3563	100
(5.31)		4	1920 **	1795	1827		2356				100
5.40			1920 **	1795 **	1827	2229	2356	2821	3079	3563	100
(5.41)		3	1920	1795	1827		2356				100
5.50			1920 *	1795 *	1827 **	2229	2356	2821	3079	3563	100
(5.56)	7/32		1920 *	1795 **	1827		2356				100
5.60			1920	1795	1827	2229	2356	2821	3079	3563	100
(5.61)		2	2160	2019	2055		2653				100
5.70			2160	2019	2055	2458	2653	3112	3469	3953	100
(5.79)		1	2160 **	2019	2055		2653				100
5.80			2160 *	2019	2055	2458	2653	3112	3469	3953	100
5.90			2160 *	2019	2055	2458	2653	3112	3469	3953	100
(5.94)		A	2160	2019	2055		2653				100
(5.95)	15/64		2160	2019	2055		2653				100
6.00			2160 *	2019	2055 **	2458	2653	3112	3469	3953	100
(6.04)		B	2347	2194 *	2233		2890				100
6.10			2347 *	2194	2233	2758	2890	3466	3778	4377	100
(6.15)		C	2347	2194	2233		2890				100
6.20			2347 *	2194 **	2233	2758 **	2890	3466	3778	4377	100
(6.25)		D	2347	2194	2233		2890				100
6.30			2347 *	2194	2233	2758 **	2890	3466	3778	4377	100
(6.35)	1/4	E	2347 *	2194 *	2233		2890				100
6.40			2347 *	2194 **	2233	2758	2890	3466	3778	4377	100
6.50			3001 *	2805 *	2855 **	3386	3683	3890	4808	5446	100
(6.53)		F	3001	2805	2855		3683				100
6.60			3001 **	2805 **	2855	3434	3683	4341	4808	5508	100
(6.63)		G	3001	2805	2855		3683				100
6.70			3001 *	2805 **	2855	3434	3683	4341	4808	5508	100
(6.75)	17/64		3001 *	2805 **	2855		3683				100
(6.75)		H	3001	2805	2855		3683				100
6.80			3001 *	2805 *	2855 **	3434	3683	4341	4808	5508	100
6.90			3289 *	3074 **	3129	3711	4026	4706	5269	5970	100
(6.90)		I	3289	3074	3129		4026				100
7.00			3289 *	3074 *	3129	3711	4026	4706	5269	5970	100
(7.03)		J	3289	3074	3129		4026				100
7.10			3289 *	3074 ***	3129	3711	4026	4706	5269	5970	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	3289	3074	3129		4026				100
(7.14)	9/32		3289 *	3074 **	3129		4026				100
7.20			3289 *	3074	3129	3711	4026	4706	5269	5970	100
7.30			3464 *	3238	3296	3879	4252	4937	5565	6274	100
(7.37)		L	3464	3238	3296		4252				100
(7.40)			3464 *	3238 **	3296	3879	4252 **	4937	5565	6274	100
(7.49)		M	3464	3238	3296		4252				100
7.50			3464 **	3238	3296	3879	4252	4937	5565	6274	100
(7.54)	19/64		3754	3509	3571		4606				100
7.60			3754 **	3509	3571	4325	4606	5460	6016	6906	100
(7.67)		N	3754	3509	3571		4606				100
7.70			3754	3509 **	3571	4325	4606	5460	6016	6906	100
7.80			3754 *	3509 **	3571	4325	4606	5460	6016	6906	100
7.90			3754 **	3509	3571	4325	4606	5460	6016	6906	100
(7.94)	5/16		4118 *	3849 *	3918		5057				100
8.00			4118 *	3849 *	3918	4675	5057	5922	6608	7514	100
(8.03)		O	4118	3849	3918		5057				100
8.10			4118 *	3849	3918	4675	5057	5922	6608	7514	100
8.20			4118 *	3849	3918	4675	5057	5922	6608	7514	100
(8.20)		P	4118	3849	3918		5057				100
8.30			4996 *	4670 **	4753	5519 *	6122	7028	8005	8949	100
(8.33)	21/64		4996 *	4670 **	4753		6122				100
8.40			4996 *	4670 **	4753	5519	6122	7028	8005	8949	100
(8.43)		Q	4996	4670	4753		6122				100
8.50			4996 *	4670 *	4753 **	5519	6122	7028	8005	8949	100
8.60			4996 *	4670 **	4753	5855	6122	7356	8005	9289	100
(8.61)		R	4996	4670	4753		6122				100
8.70			4996 *	4670 **	4753	5855	6122	7356	8005	9289	100
(8.73)	11/32		5260 *	4916	5004		6454				100
8.80			5260 *	4916 **	5004	6108	6454	7697	8431	9728	100
(8.84)		S	5260	4916	5004		6454				100
8.90			5260 **	4916	5004	6108	6454	7697	8431	9728	100
9.00			5260 *	4916 *	5004	6108	6454	7697	8431	9728	100
(9.09)		T	5487	5128	5220		6738				100
9.10			5487 *	5128	5220	6327	6738	7989	8798	10105	100
(9.13)	23/64		5487	5128	5220		6738				100
9.20			5487 *	5128	5220	6327	6738	7989	8798	10105	100
9.30			5487 **	5128 **	5220	6327	6738	7989	8798	10105	100
(9.34)		U	5487	5128 *	5220		6738				100
9.40			5487 **	5128 **	5220	6327	6738	7989	8798	10105	100
9.50			5487 *	5128	5220	6327	6726	7989	8798	10105	100
(9.52)	3/8		6214 *	5808 **	5912		7638				100
(9.58)		V	6214	5808	5912		7638				100
9.60			6214 *	5808 **	5912	7193	7638	9084	9971	11478	100
9.70			6214 *	5808	5912	7193	7638	9084	9971	11478	100
9.80			6214 *	5808 **	5912	7193	7638	9084	9971	11478	100
(9.80)		W	6214	5808	5912		7638				100
9.90			6955 **	6500	6616	7904	8550	10007	11167	12694	100
(9.92)	25/64		6955 **	6500	6616		8550				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			6955 *	6500 *	6616	7904	8538 **	10007	11167	12694	100
(10.08)		X	6955	6500	6616		8550				100
10.10			6955 *	6500 **	6616	8470	8550	10736	11167	12694	100
10.20			6955 *	6500 *	6616 **	8470	8538	10736	11167	12694	100
(10.26)		Y	7546	7053	7179		9261				100
10.30			7546 *	7053	7179	8470	9261	10736	12102	13655	100
(10.32)	13/32		7546 *	7053	7179		9261				100
10.40			7546 *	7053	7179	8470	9261	10736	12102	13655	100
(10.49)		Z	7546	7053	7179		9261				100
10.50			7546 *	7053 *	7179	8470	9261	10736	12102	13655	100
10.60			7546 *	7053	7179	9000	9261	11417	12102	13776	100
10.70			7985 *	7463	7596	9000	9805	11417	12812	14505	50
(10.72)	27/64		7985 **	7463	7596		9805				50
10.80			7985 *	7463	7596	9000	9805	11417	12812	14505	50
10.90			7985 *	7463 **	7596	9000	9805	11417	12812	14505	50
11.00			7985 *	7463 **	7596	9000	9805	11417	12812	14505	50
11.10			8913 **	8331	8479	10362	10942	13192	14293	16025	50
(11.11)	7/16		8913 *	8331 **	8479		10942				50
11.20			8913	8331	8479	10362	10942	13192	14293	16025	50
11.30			8913 **	8331	8479	10362	10942	13192	14293	16025	50
11.40			8913	8331	8479	10362	10942	13192	14293	16025	50
11.50			9404 *	8789 **	8946	10362	11534	13192	15075	16828	50
(11.51)	29/64		9404 **	8789	8946		11534				50
11.60			9404 **	8789	8946	10976	11534	14007	15075	16828	50
11.70			9404 **	8789	8946	10976	11546	14007	15075	16828	50
11.80			9404 *	8789	8946	10976	11546	14007	15075	16828	50
11.90			10044	9388	9555	10976	12327	14007	16105	17886	50
(11.91)	15/32		10044 **	9388	9555		12327				50
12.00			10044 *	9388 *	9555	10976	12316	14007	16105	17886	50
12.10			10044 *	9388	9555	11567	12327	14773	16105	17886	50
12.20			10044 *	9388	9555	11567	12327	14773	16105	17886	50
12.30			10658 **	9962	10140	11567	13074	14773	17075	18895	50
(12.30)	31/64		10658	9962	10140		13074				50
12.40			10658 **	9962	10140	11567	13074	14773	17075	18895	50
12.50			10658 *	9962 *	10140	11567	13074	14773	17075	18895	50
12.60			10658 **	9962	10140	12409	13074	15807	17075	19175	50
(12.70)	1/2		11249 *	10514 *	10702	12409	13796	15807	18036	20148	50
12.80			11249 **	10514 **	10702	12409	13796	15807	18036	20148	50
12.90			11249 **	10514	10702	12409	13796	15807	18036	20148	50
13.00			11249 *	10514 *	10702	12409	13796	15807	18036	20148	50
(13.10)	33/64		13985	13071	13305						20
13.10			13985 **	13071	13305						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			13985 **	13071	13305					20	
13.30			13985 **	13071	13305					20	
13.40			13985 **	13071	13305					20	
(13.49)	17/32		14889 **	13916 **	14165					20	
13.50			14889 *	13916 **	14165	16242				20	
13.60			14889	13916	14165					20	
13.70			14889 **	13916	14165					20	
13.80			14889 **	13917	14165					20	
(13.89)	35/64		16157	15101	15371					20	
13.90			16157	15101	15371					20	
14.00			16157 *	15101 **	15371	17459				20	
14.25			16157	15101	15371					20	
(14.29)	9/16		16948 **	15841	16124					20	
14.50			16948 *	15841	16124	18218				20	
(14.68)	37/64		18266	17073	17378					20	
14.75			18266	17073	17378					20	
15.00			18266 **	17073	17378	19483				20	
(15.08)	19/32		18266	17073	17378					20	
15.25			18266	17073	17378					20	
(15.48)	39/64		19798	18505	18835					20	
15.50			19798 **	18505	18835	21170				20	
15.75			19798	18505	18835					20	
(15.87)	5/8		19798	18505	18835					20	
16.00			19798 *	18505	18835	21170				20	
16.50			20438 **	19103	19444	22687				20	
(16.67)	21/32		20438	19103	19444					20	
17.00			20941 **	19573	19922	23157				20	
(17.46)	11/16		20941 **	19573	19922					20	
17.50			22234 **	20781	21152	24639				20	
18.00			22648 *	21168	21546	25036				20	
(18.26)	23/32		22648	21168	21546					20	
18.50			23727 **	22177	22573	26061				20	
19.00			23966 **	22401	22801	26290				20	
(19.05)	3/4		23966	22401	22801					20	
19.50			26954 **	25193	25643	29157				20	
(19.84)	25/32		26954	25193	25643					20	
20.00			28624 *	26754	27232	30760				20	
(20.64)	13/16		28624	26754	27232					20	
(21.43)	27/32		30444	28455	28963					20	
(22.22)	7/8		30444	28455	28963					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. 11,759/-

25 Pieces set with Telescopic Box Rs. 10,553/-

1 mm to 13 mm in steps of 1 mm

13 Pieces Set Telescopic Box Rs. 5,559/-



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		557 **	200	9.20		4647	100	16.25		15876	50
(3.17)	1/8	651 *	200	9.50		4647	100	16.50		15876	50
3.20		676	200	(9.52)	3/8	4858 **	100	(16.67)	21/32	15876	50
3.50		676	200	9.80		4858	100	16.75		16193	50
(3.57)	9/64	676 **	200	(9.92)	25/64	5949	100	17.00		16193	50
3.80		936	200	10.00		5949 **	100	17.25		16486	50
(3.97)	5/32	936 *	200	10.20		5949	100	(17.46)	11/16	16486	50
4.00		936 **	200	(10.32)	13/32	6395	100	17.50		16486	50
4.20		1043	200	10.50		6395	100	17.75		16710	50
(4.37)	11/64	1043	200	(10.72)	27/64	7205	50	18.00		16710 **	50
4.50		1386	200	10.80		7205	50	18.25		17003	50
(4.76)	3/16	1386 **	200	11.00		7205	50	(18.26)	23/32	17003	50
4.80		1386 **	200	(11.11)	7/16	7510	50	18.50		17003	50
5.00		1468 *	200	11.20		7510	50	18.75		17308	50
(5.16)	13/64	1468 **	100	11.50		8026	50	19.00		17308	50
5.20		1468	100	(11.51)	29/64	8026	50	(19.05)	3/4	17308	50
5.50		1584	100	11.80		8026	50	19.25		17601	50
(5.56)	7/32	1584 **	100	(11.91)	15/32	8496	50	19.50		17601	50
5.80		1784	100	12.00		8496 *	50	19.75		17601	50
(5.95)	15/64	1784	100	12.20		8496	50	(19.84)	25/32	17601	50
6.00		1784 **	100	(12.3)	31/64	9235	50	20.00		17906 **	50
6.20		1994	100	12.50		9235	50	20.25		18270	50
(6.35)	1/4	1994 **	100	(12.70)	1/2	9435	50	20.50		18270	50
6.50		2453	100	12.80		9435	50	(20.64)	13/16	18270	50
(6.75)	17/64	2453 **	100	13.00		9435	50	20.75		19009	50
6.80		2453 **	100	13.20		11041	50	21.00		19009	50
7.00		2687 **	100	(13.49)	17/32	11041	50	21.25		19244	50
(7.14)	9/32	2687 **	100	13.50		11769	50	(21.43)	27/32	19244	50
7.20		2687	100	13.80		11769	50	21.50		19889	50
7.50		2792	100	14.00		12814	50	21.75		20147	50
(7.54)	19/64	3074	100	14.25		12814	50	22.00		20147	50
7.80		3074	100	(14.29)	9/16	12814	50	(22.22)	7/8	20147	50
7.94	5/16	3379 *	100	14.50		13342	50	22.25		21426	50
8.00		3379 **	100	14.75		14433	50	22.50		21426	50
8.20		3379	100	15.00		14433	50	22.75		21720	50
(8.33)	21/64	4224	100	(15.08)	19/32	14433	50	23.00		21720	50
8.50		4224 **	100	15.25		14433	50	(23.02)	29/32	21720	25
(8.73)	11/32	4400	100	15.50		15618	50	23.25		22976	25
8.80		4400	100	15.75		15618	50	23.50		22976	25
9.00		4400	100	(15.87)	5/8	15618	50	23.75		22976	25
(9.13)	23/64	4647	100	16.00		15618	50	(23.81)	15/16	22975	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		25416	25	(28.57)	1.1/8	36775	25	(34.13)	1.11/32	59808	10
24.25		25416	25	29.00		38593	25	34.50		59808	10
24.50		25416	25	(29.37)	1.5/32	42489	25	(34.92)	1.3/8	59808	10
(24.61)	31/32	25416	25	29.50		42489	25	35.00		65770	10
24.75		27881	25	30.00		43053	25	35.50		66709	10
25.00		27881	25	(30.16)	1.3/16	43053	25	(35.72)	1.13/32	66709	10
25.25		28022	25	30.50		48451	25	36.00		66709	10
(25.40)	1	28022	25	(30.96)	1.7/32	48451	25	36.50		66709	10
25.50		31623	25	31.00		48451	25	(36.51)	1.7/16	66709	10
26.00		31623	25	31.50		49177	25	37.00		71696	10
(26.19)	1.1/32	32351	25	(31.75)	1.1/4	49177	10	(37.31)	1.15/32	72776	10
26.50		32351	25	32.00		50234	10	37.50		72776	10
(26.99)	1.1/16	32727	25	32.50		51807	10	38.00		72776	10
27.00		34486	25	(32.54)	1.9/32	51807	10	(38.10)	1.1/2	72776	10
27.50		34486	25	33.00		51807	10	38.50		81259	10
(27.78)	1.3/32	36493	25	(33.34)	1.5/16	51807	10	39.00		81259	10
28.00		36493	25	33.50		54494	10	39.50		82668	10
28.50		36775	25	34.00		54494	10	40.00		82668	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	287				50	(5.56)	7/32	91	139	535 **				50
1.10		37	60	287				50	5.80		91	139	582 **				50
(1.19)	3/64	41	65	287				50	(5.95)	15/64	91	139	582				50
1.20		41	65	287				50	6.00		91	139	582 *	727	767	801	50
1.30		41	65	287				50	6.20		97	148	663 **				50
1.40		45	70	287				50	(6.35)	1/4	97	148	604 **	763	815	868	50
1.50		45	70	287 *				50	6.50		97	148	845 **	1064	1117	1171	50
(1.59)	1/16	50	76	287				50	(6.75)	17/64	102	156	1018				50
1.60		50	76	287 **				50	6.80		102	156	1018 **				50
1.70		50	76	287				50	7.00		102	156	1018 *	1284	1374	1462	50
1.80		53	80	287				50	(7.14)	9/32	102	156	1018				50
1.90		53	80	287 **				50	7.20		102	156	1018				50
(1.98)	5/64	56	85	287				50	7.50		102	156	1018 **	1284	1374	1462	50
2.00		56	85	287 *				50	(7.54)	19/64	109	165	1018				50
2.10		56	85	287 **				50	7.80		109	165	1018 **				50
2.20		59	90	287 **				50	(7.94)	5/16	109	165	1049	1323	1420	1516	50
2.30		59	90	364 **				50	8.00		109	165	1049 *	1323	1420	1516	50
(2.38)	3/32	62	95	364				50	8.20		109	165	1049 **				50
2.40		62	95	364 **				50	(8.33)	21/64	109	165	1049				50
2.50		62	95	364 *				50	8.50		109	165	1058 *	1322 *	1430	1527	50
2.60		62	95	364 *				50	(8.73)	11/32	115	175	1111				50
2.70		66	100	364 **				50	8.80		115	175	1344				50
(2.78)	7/64	66	100	364				50	9.00		115	175	1167 *	1473	1569	1666	50
2.80		66	100	364				50	(9.13)	23/64	115	175	1320				50
2.90		66	100	364				50	9.20		115	175	1344				50
3.00		66	100	367 *	459	493	522	50	9.50		115	175	1167 **	1473	1569	1666	50
(3.17)	1/8	69	106	367 **	463	493	522	50	(9.52)	3/8	121	184	1167	1473	1569	1666	25
3.20		69	106	367 **				50	9.80		121	184	1350 **				25
3.50		73	112	367 *	463	493	522	50	(9.92)	25/64	121	184	1350				25
(3.57)	9/64	73	112	367				50	10.00		121	184	1223 **	1542	1671	1801	25
3.80		78	119	395				50	10.20		121	184	1350 **				25
(3.97)	5/32	78	119	395				50	(10.32)	13/32	121	184	1223				25
4.00		78	119	395 *	498	527	559	50	10.50		121	184	1467 **	1850	1980	2108	25
4.20		78	119	395 **				50	(10.72)	27/64	128	195	1667				25
(4.37)	11/64	82	126	395				50	10.8		128	195	1667				25
4.50		82	126	395 **	498	527	559	50	11.0		128	195	1535 **	1936	2066	2195	25
(4.76)	3/16	87	132	395 **	498	527	559	50	(11.11)	7/16	128	195	1535	1936	2066	2195	25
4.80		87	132	395				50	11.2		128	195	1784				25
5.00		87	132	465 *	587	621	654	50	11.5		128	195	1579	1991	2121	2251	25
(5.16)	13/64	87	132	465				50	(11.51)	29/64	128	195	1784				25
5.20		87	132	465 **				50	11.8		128	195	1784				25
5.50		91	139	535 **	674	707	741	50	(11.91)	15/32	134	205	1579				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	1627 **	2052	2188	2323	25	(18.65)	47/64	162	247	3303				25
12.2		134	205	1814				25	18.75		162	247	3337				25
(12.30)	31/64	134	205	1814				25	19.0		162	247	3337	4210	4488	4765	25
12.5		134	205	1627	2052	2188	2323	25	(19.05)	3/4	166	254	3337	4210	4488	4765	25
(12.70)	1/2	134	205	1627	2052	2188	2323	25	19.25		166	254	3527				25
12.8		134	205	2491				25	(19.45)	49/64	166	254	3853				25
13.0		134	205	2259 **	2848	2984	3120	25	19.5		166	254	3527	4449	4761	5072	25
(13.10)	33/64	134	205	2510				25	19.75		166	254	3527				25
13.2		134	205	2510				25	(19.84)	25/32	166	254	3527				25
(13.49)	17/32	140	214	2302				25	20.0		166	254	3743	4722	5033	5344	25
13.5		140	214	2510	3166 *	3374	3584	25	(20.24)	51/64	171	261	3974				25
13.8		140	214	2732				25	20.25		171	261	3743				25
(13.89)	35/64	140	214	2732				25	20.5		171	261	3743	4722	5033	5344	25
14.0		140	214	2510	3166	3374	3584	25	(20.64)	13/16	171	261	3743	4722	5033	5344	25
14.25		144	220	2510				25	20.75		171	261	3853				25
(14.29)	9/16	144	220	2510	3166	3374	3584	25	21.0		171	261	3853	4861	5212	5562	25
14.5		144	220	2630	3319	3546	3775	25	(21.03)	53/64	171	261	4217				25
(14.68)	37/64	144	220	2896				25	21.25		176	268	3974				25
14.75		144	220	2630				25	(21.43)	27/32	176	268	3974				25
15.0		144	220	2630	3319	3546	3775	25	21.5		176	268	4217	5319	5670	6022	25
(15.08)	19/32	149	227	2630				25	21.75		176	268	4217				25
15.25		149	227	2732				25	(21.83)	55/64	176	268	4509				25
(15.48)	39/64	149	227	2984				25	22.0		176	268	4217	5319	5670	6022	25
15.5		149	227	2732	3447	3675	3902	25	(22.22)	7/8	176	268	4217	5319	5670	6022	25
15.75		149	227	2732				25	22.25		176	268	4564				25
(15.87)	5/8	149	227	2732	3447	3675	3902	25	22.5		180	275	4564	5758	6188	6618	25
16.0		149	227	2776	3502	3729	3958	25	(22.62)	57/64	180	275	4876				25
16.25		154	235	2776				25	22.75		180	275	4668				25
(16.27)	41/64	154	235	3087				25	23.0		180	275	4668	5890	6319	6750	25
16.5		154	235	2827	3566	3808	4049	25	(23.02)	29/32	180	275	4668				25
(16.67)	21/32	154	235	2827				25	23.25		180	275	4731				25
16.75		154	235	2896				25	(23.42)	59/64	180	275	5574				25
17.0		154	235	2896	3653	3893	4135	25	23.5		180	275	5178	6531	6962	7393	25
(17.07)	43/64	158	241	3146				25	23.75		185	282	5178				25
17.25		158	241	2896				25	(23.81)	15/16	185	282	5178	6531	7018	7505	25
(17.46)	11/16	158	241	2896	3653	3893	4135	25	24.0		185	282	5398	6809	7295	7782	25
17.5		158	241	3087	3895	4135	4377	25	(24.21)	61/64	185	282	5891				25
17.75		158	241	3087				25	24.25		185	282	5398				25
(17.86)	45/64	158	241	3414				25	24.5		185	282	5398	6809	7295	7782	25
18.0		158	241	3146	3970	4212	4453	25	(24.61)	31/32	185	282	5398				25
18.25		162	247	3146				25	24.75		185	282	5787				25
(18.26)	23/32	162	247	3146				25	25.0	63/64	185	282	5787	7300	7787	8274	25
18.5		162	247	3277	4134	4413	4691	25	(25.40)	1	190	290	5862	7396	8078	8759	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	1057 **	1294	1464	1742	2053	2563		50
3.5		1029 **	1199	1544	1918	2308	2945		50
4	5/32	1029 **	1199	1544 **	1918	2308	2945	4061	50
4.5		1055	1294	1544	1918	2308	3032	4061	50
5	3/16	1055 *	1347 **	1672 **	2052	2424 **	3213 **	4261	50
5.5	7/32	1154	1440	1935	2188	2581	3414	4441	25
6		1154 **	1503	1838 *	2227	2671 *	3497 **	4610 **	25
6.5	1/4			1812		2620	3528	4609	25
7				2011 **		2883	3987 **	5174	25
7.5	9/32			2047		3061 **	4061	5174	25
8	5/16			2148 *		3191 *	4160 *	5295 **	25
8.5	11/32			2217 *		3257 **	4236 **	5656	25
9				2217 **		3257 **	4236	5656	25
9.5	3/8			2334		3277	4328	5837	25
10				2430 **		3368 **	4522 **	6100	25
10.5	13/32			2514		3597	4692	6414	25
11						3721	4835	6618	25
11.5	7/16					3721	4835	6618	25
12	15/32					3907 **	5128 **	6791	25
12.5	1/2					4028	5293	7242	25



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	460 **			620	929	100
(3.17)	1/8	MT1	460			648	972	100
3.20		MT1	479			648	972	100
3.50		MT1	460			620	929	100
(3.57)	9/64	MT1	479			648	972	100
3.80		MT1	479			648	972	100
(3.97)	5/32	MT1	460			620	929	100
4.00		MT1	460			620	929	100
4.20		MT1	619 **			834	1250	100
(4.37)	11/64	MT1	619			834	1250	100
4.50		MT1	619 **			834	1250	100
(4.76)	3/16	MT1	619			858	1287	100
4.80		MT1	636			858	1287	100
5.00		MT1	619 *			834	1250	100
(5.16)	13/64	MT1	636			858	1287	100
5.20		MT1	636 **			858	1287	100
5.50		MT1	619 **			834	1250	100
(5.56)	7/32	MT1	619			858	1287	100
5.80		MT1	636			858	1287	100
(5.95)	15/64	MT1	636			858	1287	100
6.00		MT1	619 **			834	1250	100
6.20		MT1	713			962	1442	100
(6.35)	1/4	MT1	705			1037	1556	100
6.50		MT1	768			1037	1556	100
(6.75)	17/64	MT1	777 **			1050	1577	100
6.80		MT1	777 *			1050	1577	100
7.00		MT1	768			1037	1556	100
(7.14)	9/32	MT1	768 **			1050	1577	100
7.20		MT1	777			1050	1577	100
7.50		MT1	768 **			1037	1556	100
(7.54)	19/64	MT1	777			1050	1577	100
7.80		MT1	777			1050	1577	100
(7.94)	5/16	MT1	768			1037	1556	100
8.00		MT1	768			1037	1556	100
8.20		MT1	938 **			1267	1901	100
(8.33)	21/64	MT1	988			1158	1734	100
8.50		MT1	857 *			1158	1734	100
(8.73)	11/32	MT1	938			1392	2088	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	1032 **			1392	2088	100
9.00		MT1	938 **			1267	1901	100
(9.13)	23/64	MT1	1032			1392	2088	100
9.20		MT1	1032 **			1392	2088	100
9.50		MT1	938 **			1267	1901	100
(9.52)	3/8	MT1	938			1267	1901	100
9.80		MT1	1107 **			1494	2240	100
(9.92)	25/64	MT1	1107			1352	2029	100
10.00		MT1	975 *	1219	1463	1316	1976	50
10.20		MT1	1095 *			1479	2220	50
(10.32)	13/32	MT1	1059 **			1755	2631	50
10.50		MT1	1299 *	1624	1949	1755	2631	50
(10.72)	27/64	MT1	1347			1818	2726	50
10.80		MT1	1347 **			1818	2726	50
11.00		MT1	1347 *	1683	2020	1818	2726	50
(11.11)	7/16	MT1	1347 **	1683	2020	1878	2818	50
11.20		MT1	1392			1878	2818	50
11.50		MT1	1392 *	1740	2087	1878	2818	50
(11.51)	29/64	MT1	1392			1878	2818	50
11.80		MT1	1392			1878	2818	50
(11.91)	15/32	MT1	1392 **			1898	2823	50
12.00		MT1	1405 *	1757	2109	1898	2846	50
12.20		MT1	1405 **			1898	2846	50
(12.30)	31/64	MT1	1405 **			1898	2846	50
12.50		MT1	1405 *	1757	2109	1898	2846	50
(12.70)	1/2	MT1	1405 *	1757	2109	2638	3955	50
12.80		MT1	1953			2638	3955	50
13.00		MT1	1953 *	2441	2929	2638	3955	50
(13.10)	33/64	MT1	2039 **			2752	4129	50
13.20		MT1	2039 **			2752	4129	50
(13.49)	17/32	MT1	2039 *			2947	4423	50
13.50		MT1	2183 *	2730	3276	2947	4423	50
13.80		MT1	2183 *			2947	4423	50
(13.89)	35/64	MT1	2183 **			2947	4423	50
14.00		MT1	2183 *	2730 **	3276	2947	4423	50
14.25		MT2	2346 *			3166	4752	50
(14.29)	9/16	MT2	2346 *	2933	3519	3166	4752	50
14.50		MT2	2439 *			3292	4938	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	2439			3292	4938	50
14.75		MT2	2439 *			3292	4938	50
15.00		MT2	2439 **	3049	3659	3292	4938	50
(15.08)	19/32	MT2	2439 *			3292	4938	50
15.25		MT2	2472 *			3338	5007	50
(15.48)	39/64	MT2	2472			3338	5007	50
15.50		MT2	2472 *	3091	3709	3338	5007	50
15.75		MT2	2472 **			3338	5007	50
(15.87)	5/8	MT2	2472 *	3091	3709	3438	5157	50
16.00		MT2	2546 *	3183	3820	3438	5157	50
16.25		MT2	2546 *			3438	5157	50
(16.27)	41/64	MT2	2546 **			3438	5157	50
16.50		MT2	2705 *	3381	4058	3651	5478	50
(16.67)	21/32	MT2	2705 **			3651	5478	50
16.75		MT2	2705 **			3651	5478	50
17.00		MT2	2705 *	3381	4058	3651	5478	50
(17.07)	43/64	MT2	2750			3651	5478	50
17.25		MT2	2750 *			3712	5568	50
(17.46)	11/16	MT2	2750 *	3438	4124	3851	5779	50
17.5		MT2	2854 *	3567	4281	3851	5779	50
17.75		MT2	2894 **			3908	5863	50
(17.86)	45/64	MT2	3007			4060	6089	50
18.00		MT2	3007 *	3760	4511	4060	6089	50
18.25		MT2	3007 *			4060	6089	50
(18.26)	23/32	MT2	3007 **			4060	6089	50
18.50		MT2	3007 *	3760	4511	4060	6089	50
(18.65)	47/64	MT2	3044 **			4108	6163	50
18.75		MT2	3044 **			4108	6163	50
19.00		MT2	3044 *	3804	4565	4108	6163	50
(19.05)	3/4	MT2	3044 *	3804	4565	4108	6163	50
19.25		MT2	3197 *			4317	6474	50
(19.45)	49/64	MT2	3197			4317	6474	50
19.50		MT2	3197 *	3997	4796	4317	6474	50
19.75		MT2	3197 **			4317	6474	50
(19.84)	25/32	MT2	3197			4640	6961	50
20.00		MT2	3438 *	4297	5155	4640	6961	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	3478			25
20.25		MT2	3478 *			25
20.50		MT2	3478 *	4348	5218	25
(20.64)	13/16	MT2	3478 **	4348	5218	25
20.75		MT2	3628 **			25
21.00		MT2	3628 *	4535	5442	25
(21.03)	53/64	MT2	3719			25
21.25		MT2	3719 **			25
(21.43)	27/32	MT2	3719 **			25
21.50		MT2	3834 *	4792	5750	25
21.75		MT2	3834			25
(21.83)	55/64	MT2	3904			25
22.00		MT2	3904 *	4880	5855	25
(22.22)	7/8	MT2	3904 *	4880	5855	25
22.25		MT2	4254			25
22.50		MT2	4254 *	5318	6381	25
(22.62)	57/64	MT2	4337			25
22.75		MT2	4337			25
23.00		MT2	4337 *	5421	6505	25
(23.02)	29/32	MT3	4549			25
23.25		MT3	5036 **			25
(23.42)	59/64	MT3	5164			25
23.50		MT3	5164	6454	7745	25
23.75		MT3	5164			25
(23.81)	15/16	MT3	5164	6454	7745	25
24.00		MT3	5316 *	6644	7973	25
(24.21)	61/64	MT3	5406			25
24.25		MT3	5406 **			25
24.50		MT3	5406 *	6757	8108	25
(24.61)	31/32	MT3	5406			25
24.75		MT3	5648 **			25
25.00		MT3	5648 *	7059	8472	25
(25.00)	63/64	MT3	5648			25
25.25		MT3	5723			25
(25.40)	1	MT3	5723 *	7154	8584	25
25.50		MT3	6221 *	7776	9331	25
25.75		MT3	6221			25
(25.80)	1.1/64	MT3	6289			25
26.00		MT3	6289 *	7861	9433	25
(26.19)	1.1/32	MT3	6289			25
26.25		MT3	6477 **			25
26.50		MT3	6477 *	8097	9716	25
(26.59)	1.3/64	MT3	6627			25
26.75		MT3	6627			25
(26.99)	1.1/16	MT3	6627	8284	9940	25
27.00		MT3	6843 *	8554	10265	25
27.25		MT3	6843			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	6866			25
27.50		MT3	6866 *	8583	10300	25
27.75		MT3	6866 **			25
(27.78)	1.3/32	MT3	6866			25
28.00		MT3	7507 *	9384	11261	25
(28.18)	1.7/64	MT3	7529 *			25
28.25		MT3	7529			25
28.50		MT3	7529 *	9411	11293	25
(28.57)	1.1/8	MT3	7529 **	9411	11293	25
28.75		MT3	7757			25
(28.97)	1.9/64	MT3	7883			25
29.00		MT3	7883 *	9854	11826	25
29.25		MT3	7883			25
(29.37)	1.5/32	MT3	7883			25
29.50		MT3	7914	9892	11871	25
29.75		MT3	7914			25
(29.77)	1.11/64	MT3	8079			25
30.00		MT3	8079 *	10098	12118	25
(30.16)	1.3/16	MT3	8531 **	10665	12798	25
30.25		MT3	9187			25
30.50		MT3	9187 *	11484	13781	25
(30.56)	1.13/64	MT3	9335			25
30.75		MT3	9335			25
(30.96)	1.7/32	MT3	9335			25
31.00		MT3	10389 *	12986	15583	25
31.25		MT3	10389			25
(31.35)	1.15/64	MT3	10843			25
31.50		MT3	10843 *	13553	16263	25
(31.75)	1.1/4	MT3	10843 *	13553	16263	25
31.75		MT3	10843 *			25
32.00		MT4	11871 *			25
(32.15)	1.17/64	MT4	11871			25
32.50		MT4	11871 *			25
(32.54)	1.9/32	MT4	11871			25
(32.94)	1.19/64	MT4	12155			25
33.00		MT4	12155 *			25
(33.34)	1.5/16	MT4	12155 **			25
33.50		MT4	12572 **			25
(33.73)	1.21/64	MT4	12808			25
34.00		MT4	12808 *			25
(34.13)	1.11/32	MT4	13352			25
34.50		MT4	14029 **			25
(34.53)	1.23/64	MT4	14157			25
(34.92)	1.3/8	MT4	14157			25
35.00		MT4	14157 *			25
(35.32)	1.25/64	MT4	15005			25
35.50		MT4	15005 **			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	15005	15	(46.83)	1.27/32	MT4	26199	10
36.00		MT4	15225 *	15	47.00		MT4	26199	10
(36.12)	1.27/64	MT4	15538	10	(47.23)	1.55/64	MT4	26746	10
36.50		MT4	15538 **	10	47.50		MT4	26746	10
(36.51)	1.7/16	MT4	15538	10	(47.62)	1.7/8	MT4	26746	10
(36.91)	1.29/64	MT4	15538	10	48.00		MT4	29165	10
37.00		MT4	15922 *	10	(48.02)	1.57/64	MT4	29165	10
(37.31)	1.15/32	MT4	15922	10	(48.42)	1.29/32	MT4	29165	10
37.50		MT4	16956 **	10	48.50		MT4	29380	10
(37.70)	1.31/64	MT4	17222	10	(48.82)	1.59/64	MT4	29380	10
38.00		MT4	17222 *	10	49.00		MT4	29380 **	10
(38.10)	1.1/2	MT4	17222	10	(49.21)	1.15/16	MT4	29380	10
(38.50)	1.33/64	MT4	17758	10	49.50		MT4	29695 **	10
38.50		MT4	17758	10	(49.61)	1.61/64	MT4	29695	10
(38.89)	1.17/32	MT4	17758	10	50.00		MT4	29695 *	10
39.00		MT4	18806 *	10	(50.01)	1.31/32	MT4	29930	10
(39.29)	1.35/64	MT4	18806	10	(50.40)	1.63/64	MT4	31274	10
39.50		MT4	18806	10	50.50		MT4	31274	10
(39.69)	1.9/16	MT4	18806	10	(50.80)	2	MT4	31274 **	10
40.00		MT4	19291 *	10	51.00		MT5	42461 **	5
(40.08)	1.37/64	MT4	19609	10	51.50		MT5	42461**	5
(40.48)	1.19/32	MT4	19609	10	(51.59)	2.1/32	MT5	42461	5
40.50		MT4	20393	10	52.00		MT5	42461 *	5
(40.88)	1.39/64	MT4	20393	10	(52.39)	2.1/16	MT5	42461	5
41.00		MT4	20393 *	10	52.50		MT5	55263	5
(41.27)	1.5/8	MT4	20393 **	10	53.00		MT5	55263	5
41.50		MT4	21194	10	(53.18)	2.3/32	MT5	55263	5
(41.67)	1.41/64	MT4	21194	10	53.50		MT5	55263	5
42.00		MT4	21194 *	10	(53.97)	2.1/8	MT5	55263	5
(42.07)	1.21/32	MT4	21194	10	54.00		MT5	55263 **	5
(42.47)	1.43/64	MT4	21735	10	54.50		MT5	58053	5
42.50		MT4	21735 **	10	(54.77)	2.5/32	MT5	58053	5
(42.86)	1.11/16	MT4	22001	10	55.00		MT5	58053 *	5
43.00		MT4	22519 **	10	55.50		MT5	58053	5
(43.26)	1.45/64	MT4	22519	10	(55.56)	2.3/16	MT5	58053	5
43.50		MT4	22519 **	10	56.00		MT5	60493 **	5
(43.66)	1.23/32	MT4	22519	10	(56.36)	2.7/32	MT5	60493	5
44.00		MT4	23314 *	10	56.50		MT5	60493 **	5
(44.05)	1.47/64	MT4	23314	10	57.00		MT5	60493 **	5
(44.45)	1.3/4	MT4	23314	10	(57.15)	2.1/4	MT5	60493	5
44.50		MT4	23314	10	57.50		MT5	66018	5
(44.85)	1.49/64	MT4	23860	10	(57.94)	2.9/32	MT5	66018	5
45.00		MT4	23860 *	10	58.00		MT5	66018 **	5
(45.24)	1.25/32	MT4	23860	10	58.50		MT5	66018	5
45.50		MT4	24941	10	(58.74)	2.5/16	MT5	66018	5
(45.64)	1.51/64	MT4	24941	10	59.00		MT5	67279	5
46.00		MT4	24941	10	59.50		MT5	67279	5
(46.04)	1.13/16	MT4	24941	10	(59.53)	2.11/32	MT5	67279	5
(46.43)	1.53/64	MT4	26199	10	60.00		MT5	67279	5
46.50		MT4	26199	10	(60.32)	2.3/8	MT5	67279 *	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	71512	5	(76.99)	3.1/32	MT6	156389	2
61.00		MT5	71512 **	5	77.00		MT6	156389	2
(61.12)	2.13/32	MT5	71512	5	(77.79)	3.1/16	MT6	156389	2
61.50		MT5	71512	5	78.00		MT6	156389	2
(61.91)	2.7/16	MT5	71512	5	(78.58)	3.3/32	MT6	159507	2
62.00		MT5	71512 **	5	79.00		MT6	159507	2
62.50		MT5	71512	5	(79.37)	3.1/8	MT6	163741	2
(62.71)	2.15/32	MT5	72716	5	80.00		MT6	163741	2
63.00		MT5	72716 **	5	(80.17)	3.5/32	MT6	175136	2
(63.50)	2.1/2	MT5	72716 **	5	(80.96)	3.3/16	MT6	175136	2
64.00		MT5	80369	5	81.00		MT6	175136	2
(64.29)	2.17/32	MT5	80369	5	(81.76)	3.7/32	MT6	179689	2
64.50		MT5	80369	5	82.00		MT6	179689	2
65.00		MT5	80369 **	5	(82.55)	3.1/4	MT6	179689	2
(65.09)	2.9/16	MT5	80369	5	83.00		MT6	183400	2
65.50		MT5	80967	5	(83.34)	3.9/32	MT6	183400	2
(65.88)	2.19/32	MT5	80967	5	84.00		MT6	183400	2
66.00		MT5	80967	5	(84.14)	3.5/16	MT6	186449	2
66.50		MT5	80967	5	(84.93)	3.11/32	MT6	186449	2
(66.67)	2.5/8	MT5	80967 **	5	85.00		MT6	186449	2
67.00		MT5	82941	5	(85.72)	3.3/8	MT6	212674	2
(67.47)	2.21/32	MT5	89033	3	86.00		MT6	212674	2
67.50		MT5	89033	3	(86.52)	3.13/32	MT6	212674	2
68.00		MT5	89033	3	87.00		MT6	212674	2
(68.26)	2.11/16	MT5	89033	3	(87.31)	3.7/16	MT6	217120	2
68.50		MT5	95514	3	88.00		MT6	217120	2
69.00		MT5	96504	3	(88.11)	3.15/32	MT6	217120	2
(69.05)	2.23/32	MT5	96504	3	(88.90)	3.1/2	MT6	217120	2
69.50		MT5	96504	3	89.00		MT6	217120	2
(69.85)	2.3/4	MT5	96504	3	90.00		MT6	221548	2
70.00		MT5	96504 *	3	(90.49)	3.9/16	MT6	229811	2
70.50		MT5	102961	3	91.00		MT6	229811	2
(70.64)	2.25/32	MT5	104081	3	92.00		MT6	229811	2
71.00		MT5	104081	3	(92.07)	3.5/8	MT6	237314	2
(71.44)	2.13/16	MT5	104081	3	93.00		MT6	237314	2
71.50		MT5	104081	3	(93.66)	3.11/16	MT6	246289	2
72.00		MT5	106093	3	94.00		MT6	246289	2
(72.23)	2.27/32	MT5	106093	3	95.00		MT6	246289	2
72.50		MT5	106093	3	(95.25)	3.3/4	MT6	246289	2
73.00		MT5	106093	3	96.00		MT6	254536	2
(73.02)	2.7/8	MT5	106093	3	(96.84)	3.13/16	MT6	254536	2
73.50		MT5	111729	3	97.00		MT6	254536	2
(73.82)	2.29/32	MT5	112910	3	98.00		MT6	259038	2
74.00		MT5	112910 *	3	(98.42)	3.7/8	MT6	262736	2
74.50		MT5	112910	3	99.00		MT6	262736	2
(74.61)	2.15/16	MT5	112910	3	100.00		MT6	262736	2
75.00		MT5	114315 *	3	(100.01)	3.15/16	MT6	267236	2
(75.41)	2.31/32	MT5	114315	3	101.00		MT6	266190	2
75.50		MT5	114315	3	(101.60)	4	MT6	267236	2
76.00		MT5	114315	3	102.00		MT6	267236	2
(76.20)	3	MT5	114315	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	1386	25	14		142	223	MT1	4036 **	25
5.2		74	155	MT1	1386	25	14.25		147	245	MT2	5037	25
5.5	(7/32)	80	161	MT1	1544	25	14.5	(9/16)	147	245	MT2	5037	25
5.8		80	161	MT1	1544	25	14.75		147	245	MT2	5148	25
6		80	161	MT1	1544	25	15		147	245	MT2	5148	25
6.2		86	167	MT1	1718	25	15.25		153	251	MT2	5267	25
6.5	(1/4)	86	167	MT1	1718	25	15.5		153	251	MT2	5267	25
6.8		93	174	MT1	1853	25	15.75		153	251	MT2	5401	25
7		93	174	MT1	1853	25	16	(5/8)	153	251	MT2	5401	25
7.2		93	174	MT1	1913	25	16.25		159	257	MT2	5496 **	25
7.5		93	174	MT1	1913	25	16.5		159	257	MT2	5496	25
7.8		100	181	MT1	2022	25	16.75		159	257	MT2	5613	25
8	(5/16)	100	181	MT1	2022 **	25	17		159	257	MT2	5613	25
8.2		100	181	MT1	2064	25	17.25		165	263	MT2	6095	25
8.5		100	181	MT1	2064 **	25	17.5	(11/16)	165	263	MT2	6095	25
8.8		107	188	MT1	2237	25	17.75		165	263	MT2	6109	25
9		107	188	MT1	2237 **	25	18		165	263	MT2	6109 **	25
9.2		107	188	MT1	2291	25	18.25		171	269	MT2	6206	25
9.5	(3/8)	107	188	MT1	2291	25	18.5		171	269	MT2	6206	25
9.8		116	197	MT1	2600	25	18.75		171	269	MT2	6305	25
10		116	197	MT1	2600 **	25	19	(3/4)	171	269	MT2	6305	25
10.2		116	197	MT1	2674	25	19.25		177	275	MT2	6477	25
10.5		116	197	MT1	2674 **	25	19.5		177	275	MT2	6477	25
10.8		125	206	MT1	2732	25	19.75		177	275	MT2	6586	25
11		125	206	MT1	2732	25	20		177	275	MT2	6586	25
11.2		125	206	MT1	2833	25	20.25		184	282	MT2	6695	25
11.5	(7/16)	125	206	MT1	2833	25	20.5		184	282	MT2	6695	25
11.8		125	206	MT1	2833	25	20.75		184	282	MT2	6818	25
12		134	215	MT1	3360	25	21	(13/16)	184	282	MT2	6818	25
12.2		134	215	MT1	3541	25	21.25		191	289	MT2	7920	25
12.5	(1/2)	134	215	MT1	3541	25	21.5		191	289	MT2	7920	25
12.8		134	215	MT1	3541	25	21.75		191	289	MT2	8079	25
13		134	215	MT1	3541	25	22		191	289	MT2	8079	25
13.2		134	215	MT1	3541	25	22.25		191	289	MT2	8629	25
13.5		142	223	MT1	3880	25	22.5	(7/8)	198	296	MT2	8629	25
13.8		142	223	MT1	4036	25	22.75		198	296	MT2	9042	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	9042	25	32.5		248	397	MT4	23328	10
23.25		198	319	MT3	11048	25	33	(1.5/16)	248	397	MT4	23328	10
23.5		198	319	MT3	11048	25	33.5		248	397	MT4	24345	10
23.75		206	327	MT3	11048	25	34		257	406	MT4	24345	10
24	(15/16)	206	327	MT3	11048	25	34.5		257	406	MT4	25408	10
24.25		206	327	MT3	11531	25	35	(1.3/8)	257	406	MT4	25408	10
24.5		206	327	MT3	11531	25	35.5		257	406	MT4	25408	10
24.75		206	327	MT3	11951	25	36		267	416	MT4	27843	10
25		206	327	MT3	11951 **	25	36.5		267	416	MT4	28885	10
25.25		214	335	MT3	11951	25	37	(1.7/16)	267	416	MT4	28885	10
25.5	(1)	214	335	MT3	11951	25	37.5		267	416	MT4	31280	10
25.75		214	335	MT3	12429	25	38	(1.1/2)	277	426	MT4	31280	10
26		214	335	MT3	12429 **	25	38.5		277	426	MT4	32308	10
26.25		214	335	MT3	12789	25	39		277	426	MT4	32308	10
26.5		214	335	MT3	12789 **	25	39.5		277	426	MT4	33587	10
26.75		222	343	MT3	15155	25	40		277	426	MT4	33587	10
27	(1.1/16)	222	343	MT3	15155	25	40.5		287	436	MT4	33587	10
27.25		222	343	MT3	15639	25	41	(1.5/8)	287	436	MT4	33587	10
27.5		222	343	MT3	15639	25	41.5		287	436	MT4	35304	10
27.75		222	343	MT3	16120	25	42		287	436	MT4	35304	10
28		222	343	MT3	16120	25	42.5		287	436	MT4	37351	10
28.25		230	351	MT3	16639	25	43		298	447	MT4	40125	10
28.5	(1.1/8)	230	351	MT3	16639	25	43.5		298	447	MT4	42298	10
28.75		230	351	MT3	17106	25	44		298	447	MT4	42298	10
29		230	351	MT3	17106	25	44.5		298	447	MT4	44038	10
29.25		230	351	MT3	17579	25	45	(1.3/4)	298	447	MT4	44038	10
29.5		230	351	MT3	17579	25	45.5		310	459	MT4	46431	10
29.75		230	351	MT3	18077	25	46	(1.13/16)	310	459	MT4	46431	10
30	(1.3/16)	230	351	MT3	18077	25	46.5		310	459	MT4	48319	10
30.25		239	360	MT3	18559	25	47		310	459	MT4	48319	10
30.5		239	360	MT3	18559	25	47.5		310	459	MT4	50761	10
30.75		239	360	MT3	18559	25	48	(1.7/8)	321	470	MT4	50761	10
31		239	360	MT3	18559	25	48.5		321	470	MT4	55593	10
31.25		239	360	MT3	18692	25	49	(1.15/16)	321	470	MT4	55593	10
31.5		239	360	MT3	18692	25	49.5		321	470	MT4	55593	10
31.75	(1.1/4)	248	369	MT3	19414	25	50		321	470	MT4	58459	10
32		248	397	MT4	22362	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	1949	2291	2537	2887	3272		3778				25
3.5		2004	2291	2608	2957	3358		3882				25
4	5/32	2004	2291	2608	2957	3358		3882				25
4.5		2053	2355	2608	3028	3561		4084				25
5	3/16	2053	2355	2608	3028	3561		4084				25
5.5	7/32	2053	2370	2735 **	3207	3636		4193				25
6		2066 **	2370	2764	3207	3636 **	3974	4193				25
6.5	1/4	2095	2446	2778	3368	3778	4099	4318				25
7		2282 **	2570	2886	3432	3955	4350	4532				25
7.5		2308	2634	2969	3495	4058	4446	4620				25
8	5/16	2412 **	2692	3087 **	3621	4161 **	4518	4748				25
8.5		2491 *	2796 **	3147 **	3685	4238 **	4571	4879				25
9		2531 **	2835	3222 **	3704	4270	4693	4920				25
9.5	3/8	2593	2870	3222 **	3807	4378 **	4756	4942				25
10		2600 **	2943 **	3319 **	3874	4462	4872	5080	5685	6409	7129 **	25
10.5		2674	3053 **	3541 **	4094	4693	5081	5336	6101	6855	7725	25
11		2734	3147	3575	4161	4778	5248	5472	6212	6965	7788	25
11.5	7/16	2833	3212	3666	4263	4896	5336	5574	6380	7149	7992	25
12			3361 **	3827	4432	5080	5543	5823	6585	7311	8200 **	25
12.5	1/2		3541	3955	4593	5235	5722	5984	6895	7783	8794	25
13				4693 **	5375	6101	6624	6965	7926	8897	9994	25
13.5				4842	5482	6267	6785	7093	8078	9119	10246	25
14				5004 **	5645	6380	6922	7205	8236 **	9306	10442	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	5036	5723	6474	6959	7311	8395	25
15		5148	5849	6631 **	7108 **	7488	8562 **	25
15.5		5267	5983	6695 **	7246	7592	8691	25
16	5/8	5400	6083	6829	7349	7729	8817 **	25
16.5		5496	6164	6959	7488	7850	8982	25
17		5613	6314	7032 **	7579	7955	9119	25
17.5	11/16			7205 **	7725	8110	9294 **	25
18				7311 **	7897	8236	9444 **	25
18.5				7427	7992	8386	9527	25
19	3/4			7560 **	8230	8510	9683 **	25
19.5				7653	8200	8592	9858	25
20				7783 **	8335	8758	9972 **	25
20.5				7926	8487	8880	10138	25
21	13/16			8069	8651	9029	10356	25
21.5				8236	8794	9181	10538	25
22				8417 **	9028	9444	10734 **	25
22.5	7/8			8640	9219 **	9646	10916	25
23				9043	9652	10003	11278	25
23.5				9935		11048	12106	25
24	15/16			9935		11048	12226 **	25
24.5				10246		11531	12785	25
25						11951	13255 **	25
25.5	1						13666	25
26							14222 **	25
26.5							14647	25
27	1.1/16						15155	25
27.5							15639	25
28							16120	25
28.5	1.1/8						16639 **	25
29							17106	25
29.5							17579	25
30	1.3/16						18077	25
31	1.1/4						18559	25
32							18692	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	9467	10625	12492	13943	15691	17597		25
15		9600	10800	12437	14112	15847	17776		25
15.5		9783	10947	12526	14248	15987	17929		25
16	5/8	9935	11168	12787	14495	16180	18127		25
16.5		10119	11404	12979	14647	16345	18239		25
17		10254	11531	13134	14831	16503	18409		25
17.5	11/16	10428	11668	13292	15000	16712	18580		25
18		10610	11881	13459	15155	16888	18762	20823	25
18.5		10734	12068	13628	15329	17004	18942	21026	25
19	3/4	10902	12226	13772	15504	17171	19051	21145	25
19.5		11115	12475	13943	15687	17377	19236	21353	25
20		11266	12655	14222	15847	17566	19471	21613	25
20.5		11404	12845	14393	16120	17835	19764	21938	25
21	13/16	11641	13054	14700	16394	18163	20074	22283	25
21.5		11864	13303	14921	16740	18491	20483	22737	25
22		12068	13526 **	15155	17001	18786	20807	23095	25
22.5	7/8	12226	13672	15417	17236	19109	21153 **	23479	25
23		12493	13915 **	15639	17550	19392	21460	23821	25
23.5		13308	14392	16170	18049	19978	22119	24552	25
24	15/16	13481	14894 **	16677	18620	20522	22710	25208	25
24.5		13943	15401	17227	19151	21123	23328	25662	25
25		14495	15878 **	17714	19704	21710	23979	26377	25
25.5	1	14921	16349	18218	20221	22294	24540	26993	25
26		15460	16879	18762	20820	22871	25192	27714	25
26.5		15911	17350	19282	21351	23410	25811	28391	25
27	1.1/16	16468	17864 **	19792	21884	24019	26411	29053	25
27.5		16888	18306	20319	22435	24577	27006	29706	25
28		17377	18842 **	20820	22978	25680	27659 **	30425	25
28.5	1.1/8	17888	19310	21305	23537	25768	28229	31053	25
29		18380	19836	21841	24098	26313	28868	31755	25
29.5		18842	20305	22362	24612	26907	29501	32451	25
30	1.3/16	19348	20807	22871	25164	27473	30083	33702	25
31	1.1/4	19832	21310	23434	25818	28189	30932 **	33715	25
32		20221	22362 **	24577	27068	29501	32365 **	34483	10
33	1.5/16		23328 **	25671	28274	30821	33779	36037	10
34			24344	26761	29483	32155	35233	37559	10
35	1.3/8		25408 **	27935	30697	33501	36669	39075	10
36			26411 **	28995	31887	34791	38107	40532	10
37	1.7/16		27416	30083	33100	36096	39493	42053	10
38	1.1/2		28462 **	31280	34382	37450	40991	43639	10
39			29501	32651	35476	38639	42214	44935	10
40			30736 **	33587	36724	39943	43599	46352	10
41	1.5/8						45045	48649	10
42							47047	50811	10
43							49133	52572	10
44							51183	54765	10
45	1.3/4						53269	56510	10
46	1.13/16						55523	58855	10
47							57766	61233	10
48	1.7/8						60020	63623	10
49	1.15/16						62228	65961	10
50							64736 **	68620	10

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**FL and OAL as per Addison Standard
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Size		M2 Price Per Piece (Rs.)						MOQ (No.)
		Overall Length in millimetre						
mm	inch	550	575	600	625	650	675	
14.5	9/16	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—
17		—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—
18		22889	24952	27015	29080	31143	33207	10
18.5		23108	25192	27277	29359	31443	33526	10
19	3/4	23241	25336	27432	29528	31624	33718	10
19.5		23470	25585	27700	29816	31934	34049	10
20		23755	25895	28040	30180	32322	34464	10
20.5		24112	26285	28460	30633	32809	34982	10
21	13/16	24490	26698	28907	31115	33323	35530	10
21.5		24989	27242	29495	31747	33999	36254	10
22		25384	27673	29961	32250	34540	36829	10
22.5		25807	28133	30460	32787	35112	37440	10
23		26183	28544	30904	33265	35626	37988	10
23.5		26986	29420	31852	34287	36720	39151	10
24	15/16	27706	30204	32704	35202	37700	40197	10
24.5		27994	30326	32893	35458	38024	40590	10
25		28775	31173	33571	35969	38367	40765	10
25.5	1	29447	31901	34355	36808	39263	41717	10
26		30233	32750	35270	37791	40309	42830	10
26.5		30973	33554	36136	38717	41296	43879	10
27	1.1/16	31693	34334	36975	39616	42258	44899	10
27.5		32408	35109	37809	40509	43211	45912	10
28		33191	35958	38723	41490	44254	47021	10
28.5	1.1/8	33875	36698	39521	42344	45166	47990	10
29		34643	37529	40415	43304	46189	49076	10
29.5		35401	38351	41300	44251	47201	50151	10
30	1.3/16	36100	39109	42066	45123	48131	51140	10
31	1.1/4	36498	39283	42116	45320	48203	51263	10
32		37243	40002	42759	45518	48276	52116	10
33	1-5/16	38920	41800	44683	47566	50450	53332	10
34		40563	43567	46573	49577	52583	55586	10
35	1-3/8	42202	45329	48455	51580	54705	57832	10
36	1-7/16	43776	47017	50260	53500	56745	59987	10
37		45417	48782	52146	55511	58875	62240	10
38	1-1/2	47129	50620	54111	57603	61094	64585	10
39		48530	52124	55720	59315	62909	66504	10
40		50059	53768	57476	61183	64893	68601	10
41	1-5/8	52251	55856	59460	63063	66666	70271	10
42		54574	58339	62103	65867	69629	73210	10
43		56013	59451	62890	66329	69770	73394	10
44		58349	61932	65516	69098	72681	76263	10
45	1-3/4	60727	64454	68184	71913	75512	78844	10
46	1-13/16	62186	65519	68848	72180	75641	79370	10
47		64699	68165	71631	75098	78562	82031	10
48	1-7/8	67225	70824	74427	78029	81629	85231	10
49	1-15/16	69695	73428	77160	80895	84629	88362	10
50		72504	76388	80271	84157	88040	91925	10

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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		35270	37334	39398	41462	43525	45590	5
18.5		35610	37695	39776	41859	43945	46028	5
19	3/4	35813	37910	40004	42101	44196	46293	5
19.5		36165	38281	40398	42513	44629	46745	5
20		36605	38747	40889	43031	45173	47314	5
20.5		37155	39331	41504	43679	45851	48026	5
21	13/16	37740	39945	42154	44363	46570	48778	5
21.5		38508	40760	43014	45266	47519	49772	5
22		39117	41406	43695	45983	48273	50561	5
22.5		39767	42093	44419	46748	49074	51399	5
23		40346	42707	45284	47429	49788	52150	5
23.5		41585	44019	46452	48884	51318	53751	5
24	15/16	42696	45194	47691	50191	52688	55187	5
24.5		43041	45488	47939	50273	52721	55201	5
25		43162	45561	47958	50358	52754	55214	5
25.5	1	44172	46626	49079	51534	53987	56441	5
26		45348	47867	50387	52906	55425	57945	5
26.5		46460	49041	51621	54201	56784	59366	5
27	1.1/16	47541	50180	52823	55465	58104	60746	5
27.5		48611	51313	54012	56714	59415	62114	5
28		49786	52553	55319	58085	60852	63616	5
28.5	1.1/8	50812	53635	56459	59281	62104	64927	5
29		51963	54850	57737	60624	63510	66398	5
29.5		53100	56051	59001	61952	64902	67850	5
30	1.3/16	54148	57156	60165	63063	66181	69190	5
31	1.1/4	54512	57294	60279	63174	66656	69440	5
32		54875	57634	60392	64371	67130	69889	5
33	1-5/16	56215	59098	61980	64864	67746	70629	5
34		58591	61595	64600	67605	70609	73615	5
35	1-3/8	60959	64085	67211	70336	73463	76590	5
36	1-7/16	63231	66472	69715	72956	76201	79442	5
37		65603	68967	72332	75697	79061	82425	5
38	1-1/2	68076	71568	75058	78549	82040	85531	5
39		70100	73694	77289	80884	84478	88072	5
40		72309	76017	79725	83434	87140	90849	5
41	1-5/8	73874	77478	81080	84685	88288	91893	5
42		76649	80921	84685	88450	92214	95976	5
43		77158	82174	85848	89522	93195	96868	5
44		79846	83429	87012	90596	94178	97760	5
45	1-3/4	82174	86829	90557	94286	98016	101743	5
46	1-13/16	83099	87895	91225	94559	98865	102197	5
47		85497	88962	92428	95894	99726	103193	5
48	1-7/8	88832	92433	96034	99635	103237	106838	5
49	1-15/16	92096	95829	99563	103297	107031	110764	5
50		95809	99693	103578	107462	111345	115230	5

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Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimetre							
mm	inch	850	875	900	925	950	975	1000	
14.5	9/16	—	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—	—
17		—	—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—	—
18		47653	49715	51780	—	—	—	—	—
18.5		48111	50195	52278	—	—	—	—	—
19	3/4	48387	50483	52579	—	—	—	—	—
19.5		48861	50978	53094	—	—	—	—	—
20		49457	51598	53740	—	—	—	—	—
20.5		50200	52374	54547	—	—	—	—	—
21	13/16	50987	53195	55404	—	—	—	—	—
21.5		52026	54279	56532	—	—	—	—	—
22		52850	55139	57427	59716	62005	64294	66583	5
22.5		53727	56053	58379	60707	63034	65360	67687	5
23		54511	56872	59232	61592	63954	66315	69105	5
23.5		56184	58619	61052	63484	65917	68351	70784	5
24	15/16	57685	60182	62681	65178	67677	70175	72673	5
24.5		57709	60218	62697	65205	67684	70285	72793	5
25		57734	60254	62713	65231	67691	70395	72914	5
25.5	1	58894	61348	63802	66255	68711	71164	73619	5
26		60464	62983	65503	68023	70541	73061	75580	5
26.5		61947	64527	67107	69690	72270	74851	77432	5
27	1.1/16	63388	66027	68669	71310	73950	76592	79233	5
27.5		64817	67516	70216	72918	75618	78318	81019	5
28		66382	69149	71914	74679	77447	80211	82978	5
28.5	1.1/8	67749	70573	73397	76217	79042	81864	84687	5
29		69283	72172	75058	77944	80832	83719	86605	5
29.5		70801	73750	76702	79652	82600	85552	88501	5
30	1.3/16	72198	75007	78165	80973	83879	86716	89360	5
31	1.1/4	72225	75207	78190	81095	83931	86741	89525	5
32		72647	75406	78214	81173	83983	86887	89646	5
33	1-5/16"	73511	76396	79278	82161	85043	87926	90810	5
34		76619	79624	82628	85633	88637	91642	94649	5
35	1-3/8"	79716	82842	85966	89093	92219	95345	98472	5
36	1-7/16"	82684	85927	89170	92411	95656	98898	102140	5
37		85790	89152	92517	95881	99246	102610	105974	5
38	1-1/2"	89023	92513	96004	99495	102985	106477	109968	2
39		91667	95262	98857	102452	106047	109642	113238	2
40		94559	98267	101974	105682	109391	113100	116806	2
41	1-5/8"	95494	99100	102703	106306	109910	113513	117117	2
42		96390	100153	103917	107601	111042	114481	117921	2
43		97286	100724	104163	107682	111366	115130	118246	2
44		101343	104926	108510	112091	115675	119257	122841	2
45	1-3/4"	105472	108859	112190	115920	119593	122980	126708	2
46	1-13/16"	105528	109201	112931	116260	119649	123483	127454	2
47		106657	110124	113589	117057	120522	123988	129751	2
48	1-7/8"	110439	114040	117642	121242	124844	128445	132046	2
49	1-15/16"	114498	118231	121965	125700	129433	133167	136899	2
50		119113	122997	126882	130766	134649	138534	142417	2

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**FL and OAL as per Addison Standard
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Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	400	425	450	475	500	525	550	575	
50.50		49258	54181	59106	64033	68959	73885	78810	83736	2
50.8	2	49258	54181	59106	64033	68959	73885	78810	83736	2
51.00		—	—	64647	69105	73564	78022	82480	86939	2
51.50		—	—	64647	69105	73564	78022	82480	86939	2
51.59	2.1/32	—	—	64647	69105	73564	78022	82480	86939	2
52.00		—	—	64647	69105	73564	78022	82480	86939	2
52.39	2.1/16	—	—	64647	69105	73564	78022	82480	86939	2
52.50		—	—	69629	75433	81234	87038	92840	98643	2
53.00		—	—	69629	75433	81234	87038	92840	98643	2
53.18	2.3/32	—	—	69629	75433	81234	87038	92840	98643	2
53.50		—	—	69629	75433	81234	87038	92840	98643	2
53.97	2.1/8	—	—	69629	75433	81234	87038	92840	98643	2
54.00		—	—	69629	75433	81234	87038	92840	98643	2
54.50		—	—	73144	79241	85336	91433	97527	103623	2
54.77	2.5/32	—	—	73144	79241	85336	91433	97527	103623	2
55.00		—	—	73144	79241	85336	91433	97527	103623	2
55.50		—	—	73144	79241	85336	91433	97527	103623	2
55.56	2.3/16	—	—	73144	79241	85336	91433	97527	103623	2
56.00		—	—	76219	82572	88923	95275	101627	107979	2
56.36	2.7/32	—	—	76219	82572	88923	95275	101627	107979	2
56.50		—	—	76219	82572	88923	95275	101627	107979	2
57.00		—	—	76219	82572	88923	95275	101627	107979	2
57.15	2.1/4	—	—	76219	82572	88923	95275	101627	107979	2
57.50		—	—	79716	90112	97043	103976	110908	117839	2
57.94	2.9/32	—	—	79716	90112	97043	103976	110908	117839	2
58.00		—	—	79716	90112	97043	103976	110908	117839	2
58.50		—	—	79716	90112	97043	103976	110908	117839	2
58.74	2.5/16	—	—	79716	90112	97043	103976	110908	117839	2
59.00		—	—	81237	91833	98898	105962	113026	120089	2
59.50		—	—	81237	91833	98898	105962	113026	120089	2
59.53	2.11/32	—	—	81237	91833	98898	105962	113026	120089	2
60.00		—	—	81237	91833	98898	105962	113026	120089	2
60.32	2.3/8	—	—	81237	91833	98898	105962	113026	120089	2
60.50		—	—	88603	96112	103620	111129	118638	126145	2
61.00		—	—	88603	96112	103620	111129	118638	126145	2
61.12	2.13/32	—	—	88603	96112	103620	111129	118638	126145	2
61.50		—	—	88603	96112	103620	111129	118638	126145	2
61.91	2.7/16	—	—	88603	96112	103620	111129	118638	126145	2
62.00		—	—	88603	96112	103620	111129	118638	126145	2
62.50		—	—	88603	96112	103620	111129	118638	126145	2
62.71	2.15/32	—	—	90095	97729	105365	113000	120636	128271	2
63.00		—	—	90095	97729	105365	113000	120636	128271	2
63.5	2.1/2	—	—	90095	97729	105365	113000	120636	128271	2
64.00		—	—	97888	104640	113078	119827	128266	135018	2
64.29	2.17/32	—	—	97888	104640	113078	119827	128266	135018	2
64.50		—	—	97888	104640	113078	119827	128266	135018	2
65.00		—	—	97888	104640	113078	119827	128266	135018	2
65.09	2.9/16	—	—	97888	104640	113078	119827	128266	135018	2
65.50		—	—	98616	105418	113919	120720	129222	136023	2
65.88	2.19/32	—	—	98616	105418	113919	120720	129222	136023	2
66.00		—	—	98616	105418	113919	120720	129222	136023	2
66.50		—	—	98616	105418	113919	120720	129222	136023	2
66.67	2.5/8	—	—	98616	105418	113919	120720	129222	136023	2
67.00		—	—	101021	107988	116697	123664	132374	139340	2
67.47	2.21/32	—	—	—	115920	123398	130876	140225	149573	2



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Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	600	625	650	675	700	725	750	775	
50.50		88661	93586	98513	103439	108364	113290	118216	123142	2
50.80	2	88661	93586	98513	103439	108364	113290	118216	123142	2
51.00		91396	95855	100314	104771	109231	113689	122605	127064	2
51.50		91396	95855	100314	104771	109231	113689	122605	127064	2
51.59	2.1/32	91396	95855	100314	104771	109231	113689	122605	127064	2
52.00		91396	95855	100314	104771	109231	113689	122605	127064	2
52.39	2.1/16	91396	95855	100314	104771	109231	113689	122605	127064	2
52.50		104445	110248	116050	121853	127654	133458	139260	145064	2
53.00		104445	110248	116050	121853	127654	133458	139260	145064	2
53.18	2.3/32	104445	110248	116050	121853	127654	133458	139260	145064	2
53.50		104445	110248	116050	121853	127654	133458	139260	145064	2
53.97	2.1/8	104445	110248	116050	121853	127654	133458	139260	145064	2
54.00		104445	110248	116050	121853	127654	133458	139260	145064	2
54.50		109719	115814	121909	128004	134099	140194	146291	152387	2
54.77	2.5/32	109719	115814	121909	128004	134099	140194	146291	152387	2
55.00		109719	115814	121909	128004	134099	140194	146291	152387	2
55.50		109719	115814	121909	128004	134099	140194	146291	152387	2
55.56	2.3/16	109719	115814	121909	128004	134099	140194	146291	152387	2
56.00		114331	120681	127034	133386	139735	146088	152440	158792	2
56.36	2.7/32	114331	120681	127034	133386	139735	146088	152440	158792	2
56.50		114331	120681	127034	133386	139735	146088	152440	158792	2
57.00		114331	120681	127034	133386	139735	146088	152440	158792	2
57.15	2.1/4	114331	120681	127034	133386	139735	146088	152440	158792	2
57.50		124772	131703	138634	145567	152498	159429	166361	173294	2
57.94	2.9/32	124772	131703	138634	145567	152498	159429	166361	173294	2
58.00		124772	131703	138634	145567	152498	159429	166361	173294	2
58.50		124772	131703	138634	145567	152498	159429	166361	173294	2
58.74	2.5/16	124772	131703	138634	145567	152498	159429	166361	173294	2
59.00		127154	134218	141283	148347	155410	162475	169538	176603	2
59.50		127154	134218	141283	148347	155410	162475	169538	176603	2
59.53	2.11/32	127154	134218	141283	148347	155410	162475	169538	176603	2
60.00		127154	134218	141283	148347	155410	162475	169538	176603	2
60.32	2.3/8	127154	134218	141283	148347	155410	162475	169538	176603	2
60.50		133654	141165	148672	156181	163691	171199	178707	186216	2
61.00		133654	141165	148672	156181	163691	171199	178707	186216	2
61.12	2.13/32	133654	141165	148672	156181	163691	171199	178707	186216	2
61.50		133654	141165	148672	156181	163691	171199	178707	186216	2
61.91	2.7/16	133654	141165	148672	156181	163691	171199	178707	186216	2
62.00		133654	141165	148672	156181	163691	171199	178707	186216	2
62.50		133654	141165	148672	156181	163691	171199	178707	186216	2
62.71	2.15/32	135905	143540	151176	158810	166446	174081	181717	189350	2
63.00		135905	143540	151176	158810	166446	174081	181717	189350	2
63.5	2.1/2	135905	143540	151176	158810	166446	174081	181717	189350	2
64.00		141768	148518	155270	162020	168772	175522	182273	189892	2
64.29	2.17/32	141768	148518	155270	162020	168772	175522	182273	189892	2
64.50		141768	148518	155270	162020	168772	175522	182273	189892	2
65.00		141768	148518	155270	162020	168772	175522	182273	189892	2
65.09	2.9/16	141768	148518	155270	162020	168772	175522	182273	189892	2
65.50		142825	149626	156427	163227	170029	176830	183631	190432	2
65.88	2.19/32	142825	149626	156427	163227	170029	176830	183631	190432	2
66.00		142825	149626	156427	163227	170029	176830	183631	190432	2
66.50		142825	149626	156427	163227	170029	176830	183631	190432	2
66.67	2.5/8	142825	149626	156427	163227	170029	176830	183631	190432	2
67.00		146307	153274	160240	167207	174176	181142	188109	195075	2
67.47	2.21/32	158922	168270	177618	186967	196316	205662	215012	224360	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		128066	132992	137919	142844	147769	152695	157621	162545	167471	2
50.8	2	128066	132992	137919	142844	147769	152695	157621	162545	167471	2
51.00		131522	135980	140439	144898	149355	153813	158273	162731	169419	2
51.50		131522	135980	140439	144898	149355	153813	158273	162731	169419	2
51.59	2.1/32	131522	135980	140439	144898	149355	153813	158273	162731	169419	2
52.00		131522	135980	140439	144898	149355	153813	158273	162731	169419	2
52.39	2.1/16	131522	135980	140439	144898	149355	153813	158273	162731	169419	2
52.50		150865	156667	162470	168272	174075	179878	185680	191483	197284	2
53.00		150865	156667	162470	168272	174075	179878	185680	191483	197284	2
53.18	2.3/32	150865	156667	162470	168272	174075	179878	185680	191483	197284	2
53.50		150865	156667	162470	168272	174075	179878	185680	191483	197284	2
53.97	2.1/8	150865	156667	162470	168272	174075	179878	185680	191483	197284	2
54.00		150865	156667	162470	168272	174075	179878	185680	191483	197284	2
54.50		158481	164577	170674	176768	182865	188959	195054	201149	207245	2
54.77	2.5/32	158481	164577	170674	176768	182865	188959	195054	201149	207245	2
55.00		158481	164577	170674	176768	182865	188959	195054	201149	207245	2
55.50		158481	164577	170674	176768	182865	188959	195054	201149	207245	2
55.56	2.3/16	158481	164577	170674	176768	182865	188959	195054	201149	207245	2
56.00		165143	171496	177847	184198	190551	196903	203252	209604	215957	2
56.36	2.7/32	165143	171496	177847	184198	190551	196903	203252	209604	215957	2
56.50		165143	171496	177847	184198	190551	196903	203252	209604	215957	2
57.00		165143	171496	177847	184198	190551	196903	203252	209604	215957	2
57.15	2.1/4	165143	171496	177847	184198	190551	196903	203252	209604	215957	2
57.50		180225	187158	194089	201021	207953	214884	221815	228746	235679	2
57.94	2.9/32	180225	187158	194089	201021	207953	214884	221815	228746	235679	2
58.00		180225	187158	194089	201021	207953	214884	221815	228746	235679	2
58.50		180225	187158	194089	201021	207953	214884	221815	228746	235679	2
58.74	2.5/16	180225	187158	194089	201021	207953	214884	221815	228746	235679	2
59.00		183668	190731	197796	204859	211922	218988	226051	233116	240179	2
59.50		183668	190731	197796	204859	211922	218988	226051	233116	240179	2
59.53	2.11/32	183668	190731	197796	204859	211922	218988	226051	233116	240179	2
60.00		183668	190731	197796	204859	211922	218988	226051	233116	240179	2
60.32	2.3/8	183668	190731	197796	204859	211922	218988	226051	233116	240179	2
60.50		193726	201234	208742	216251	223759	231269	238778	246286	253795	2
61.00		193726	201234	208742	216251	223759	231269	238778	246286	253795	2
61.12	2.13/32	193726	201234	208742	216251	223759	231269	238778	246286	253795	2
61.50		193726	201234	208742	216251	223759	231269	238778	246286	253795	2
61.91	2.7/16	193726	201234	208742	216251	223759	231269	238778	246286	253795	2
62.00		193726	201234	208742	216251	223759	231269	238778	246286	253795	2
62.50		193726	201234	208742	216251	223759	231269	238778	246286	253795	2
62.71	2.15/32	196987	204621	212256	219892	227527	235162	242799	250432	258068	2
63.00		196987	204621	212256	219892	227527	235162	242799	250432	258068	2
63.5	2.1/2	196987	204621	212256	219892	227527	235162	242799	250432	258068	2
64.00		197109	206745	216028	222779	229530	236281	243031	251037	261597	2
64.29	2.17/32	197109	206745	216028	222779	229530	236281	243031	251037	261597	2
64.50		197109	206745	216028	222779	229530	236281	243031	251037	261597	2
65.00		197109	206745	216028	222779	229530	236281	243031	251037	261597	2
65.09	2.9/16	197109	206745	216028	222779	229530	236281	243031	251037	261597	2
65.50		197232	208284	217638	224438	231239	238041	244842	251642	263545	2
65.88	2.19/32	197232	208284	217638	224438	231239	238041	244842	251642	263545	2
66.00		197232	208284	217638	224438	231239	238041	244842	251642	263545	2
66.50		197232	208284	217638	224438	231239	238041	244842	251642	263545	2
66.67	2.5/8	197232	208284	217638	224438	231239	238041	244842	251642	263545	2
67.00		202043	209010	222944	229911	236877	243846	250812	257779	269971	2
67.47	2.21/32	233709	243056	252404	261754	271100	280450	289799	299146	308496	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		115920	123398	130876	140225	149573	2
68.00		115920	123398	130876	140225	149573	2
68.26	2.11/16	115920	123398	130876	140225	149573	2
68.50		122351	130375	138397	146420	154444	2
69.00		123621	131728	139834	147940	156046	2
69.05	2.23/32	123621	131728	139834	147940	156046	2
69.50		123621	131728	139834	147940	156046	2
69.85	2.3/4	123621	131728	139834	147940	156046	2
70.00		123621	131728	139834	147940	156046	2
70.50		129730	138378	147027	155674	164324	2
70.64	2.25/32	131140	139884	148627	157369	166112	2
71.00		131140	139884	148627	157369	166112	2
71.44	2.13/16	131140	139884	148627	157369	166112	2
71.50		131140	139884	148627	157369	166112	2
72.00		133675	142586	151497	160410	169322	2
72.23	2.27/32	133675	142586	151497	160410	169322	2
72.50		133675	142586	151497	160410	169322	2
73.00		133675	142586	151497	160410	169322	2
73.02	2.7/8	133675	142586	151497	160410	169322	2
73.50		138431	147814	157200	166586	175971	2
73.82	2.29/32	139896	149378	158863	168347	177833	2
74.00		139896	149378	158863	168347	177833	2
74.50		139896	149378	158863	168347	177833	2
74.61	2.15/16	139896	149378	158863	168347	177833	2
75.00		141636	151238	160840	170443	180046	2
75.41	2.31/32	141636	151238	160840	170443	180046	2
75.50		141636	151238	160840	170443	180046	2
76.00		141636	151238	160840	170443	180046	2
76.20	3	141636	151238	160840	170443	180046	2
76.99	3.1/32	—	—	—	177342	190480	2
77.00		—	—	—	177342	190480	2
77.79	3.1/16	—	—	—	177342	190480	2
78.00		—	—	—	177342	190480	2
78.58	3.3/32	—	—	—	180879	194277	2
79.00		—	—	—	180879	194277	2
79.37	3.1/8	—	—	—	185682	199435	2
80.00		—	—	—	185682	199435	2
80.17	3.5/32	—	—	—	198603	213313	2
80.96	3.3/16	—	—	—	198603	213313	2
81.00		—	—	—	198603	213313	2
81.76	3.7/32	—	—	—	203764	218859	2
82.00		—	—	—	203764	218859	2
82.55	3.1/4	—	—	—	203764	218859	2
83.00		—	—	—	207974	223379	2
83.34	3.9/32	—	—	—	207974	223379	2
84.00		—	—	—	207974	223379	2
84.14	3.5/16	—	—	—	211432	227094	2
84.93	3.11/32	—	—	—	211432	227094	2
85.00		—	—	—	211432	227094	2
85.72	3.3/8	—	—	—	241169	259034	2
86.00		—	—	—	241169	259034	2
86.52	3.13/32	—	—	—	241169	259034	2
87.00		—	—	—	241169	259034	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		158922	168270	177618	186967	196316	205662	215012	224360	2
68.00		158922	168270	177618	186967	196316	205662	215012	224360	2
68.26	2.11/16	158922	168270	177618	186967	196316	205662	215012	224360	2
68.50		162466	170491	178511	187720	196445	210604	218628	226651	2
69.00		164153	172260	180366	188471	196578	212790	220895	229003	2
69.05	2.23/32	164153	172260	180366	188471	196578	212790	220895	229003	2
69.50		164153	172260	180366	188471	196578	212790	220895	229003	2
69.85	2.3/4	164153	172260	180366	188471	196578	212790	220895	229003	2
70.00		164153	172260	180366	188471	196578	212790	220895	229003	2
70.50		172973	181621	190270	198920	207567	216216	224865	233512	2
70.64	2.25/32	174853	183598	192341	201082	209825	218568	227310	236053	2
71.00		174853	183598	192341	201082	209825	218568	227310	236053	2
71.44	2.13/16	174853	183598	192341	201082	209825	218568	227310	236053	2
71.50		174853	183598	192341	201082	209825	218568	227310	236053	2
72.00		178234	187146	196057	204968	213881	222792	231704	240616	2
72.23	2.27/32	178234	187146	196057	204968	213881	222792	231704	240616	2
72.50		178234	187146	196057	204968	213881	222792	231704	240616	2
73.00		178234	187146	196057	204968	213881	222792	231704	240616	2
73.02	2.7/8	178234	187146	196057	204968	213881	222792	231704	240616	2
73.50		185356	194740	204127	213510	222896	232282	241667	251052	2
73.82	2.29/32	187316	196801	206285	215769	225254	234739	244223	253707	2
74.00		187316	196801	206285	215769	225254	234739	244223	253707	2
74.50		187316	196801	206285	215769	225254	234739	244223	253707	2
74.61	2.15/16	187316	196801	206285	215769	225254	234739	244223	253707	2
75.00		189648	199250	208853	218456	228058	237660	247261	256863	2
75.41	2.31/32	189648	199250	208853	218456	228058	237660	247261	256863	2
75.50		189648	199250	208853	218456	228058	237660	247261	256863	2
76.00		189648	199250	208853	218456	228058	237660	247261	256863	2
76.2	3	189648	199250	208853	218456	228058	237660	247261	256863	2
76.99	3.1/32	203616	216752	229889	243025	256161	269298	282435	295571	2
77.00		203616	216752	229889	243025	256161	269298	282435	295571	2
77.79	3.1/16	203616	216752	229889	243025	256161	269298	282435	295571	2
78.00		203616	216752	229889	243025	256161	269298	282435	295571	2
78.58	3.3/32	207675	221074	234475	247873	261271	274670	288067	301466	2
79.00		207675	221074	234475	247873	261271	274670	288067	301466	2
79.37	3.1/8	213189	226944	240698	254452	268206	281959	295716	309469	2
80.00		213189	226944	240698	254452	268206	281959	295716	309469	2
80.17	3.5/32	228023	242736	257446	272158	286870	301580	316291	331003	2
80.96	3.3/16	228023	242736	257446	272158	286870	301580	316291	331003	2
81.00		228023	242736	257446	272158	286870	301580	316291	331003	2
81.76	3.7/32	233951	249047	264138	279233	294327	309421	324514	339610	2
82.00		233951	249047	264138	279233	294327	309421	324514	339610	2
82.55	3.1/4	233951	249047	264138	279233	294327	309421	324514	339610	2
83.00		238784	254189	269596	285001	300407	315812	331217	346623	2
83.34	3.9/32	238784	254189	269596	285001	300407	315812	331217	346623	2
84.00		238784	254189	269596	285001	300407	315812	331217	346623	2
84.14	3.5/16	242756	258418	274079	289741	305400	321062	336724	352385	2
84.93	3.11/32	242756	258418	274079	289741	305400	321062	336724	352385	2
85.00		242756	258418	274079	289741	305400	321062	336724	352385	2
85.72	3.3/8	276899	294762	312627	330491	348355	366219	384084	401948	2
86.00		276899	294762	312627	330491	348355	366219	384084	401948	2
86.52	3.13/32	276899	294762	312627	330491	348355	366219	384084	401948	2
87.00		276899	294762	312627	330491	348355	366219	384084	401948	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		233709	243056	252404	261754	271100	280450	289799	299146	308496	2
68.00		233709	243056	252404	261754	271100	280450	289799	299146	308496	2
68.26	2.11/16	233709	243056	252404	261754	271100	280450	289799	299146	308496	2
68.50		234675	244135	252864	262754	275792	280806	290836	300865	309672	2
69.00		237110	245216	253323	265481	277434	283721	293854	302572	311679	2
69.05	2.23/32	237110	245216	253323	265481	277434	283721	293854	302572	311679	2
69.50		237110	245216	253323	265481	277434	283721	293854	302572	311679	2
69.85	2.3/4	237110	245216	253323	265481	277434	283721	293854	302572	311679	2
70.00		237110	245216	253323	265481	277434	283721	293854	302572	311679	2
70.50		242162	250811	259458	268108	279212	285405	294054	302701	312355	2
70.64	2.25/32	244797	253539	262282	271024	279768	288510	297253	305996	314739	2
71.00		244797	253539	262282	271024	279768	288510	297253	305996	314739	2
71.44	2.13/16	244797	253539	262282	271024	279768	288510	297253	305996	314739	2
71.50		244797	253539	262282	271024	279768	288510	297253	305996	314739	2
72.00		249528	258439	267351	276262	285174	294085	302998	311909	320821	2
72.23	2.27/32	249528	258439	267351	276262	285174	294085	302998	311909	320821	2
72.50		249528	258439	267351	276262	285174	294085	302998	311909	320821	2
73.00		249528	258439	267351	276262	285174	294085	302998	311909	320821	2
73.02	2.7/8	249528	258439	267351	276262	285174	294085	302998	311909	320821	2
73.50		260436	269821	279207	288592	297977	307361	316748	326132	335517	2
73.82	2.29/32	263190	272677	282161	291644	301129	310614	320097	329583	339067	2
74.00		263190	272677	282161	291644	301129	310614	320097	329583	339067	2
74.50		263190	272677	282161	291644	301129	310614	320097	329583	339067	2
74.61	2.15/16	263190	272677	282161	291644	301129	310614	320097	329583	339067	2
75.00		266466	276068	285671	295272	304876	314478	324081	333683	343286	2
75.41	2.31/32	266466	276068	285671	295272	304876	314478	324081	333683	343286	2
75.50		266466	276068	285671	295272	304876	314478	324081	333683	343286	2
76.00		266466	276068	285671	295272	304876	314478	324081	333683	343286	2
76.2	3	266466	276068	285671	295272	304876	314478	324081	333683	343286	2
76.99	3.1/32	308708	321844	334980	348118	361254	374390	387525	—	—	2
77.00		308708	321844	334980	348118	361254	374390	387525	—	—	2
77.79	3.1/16	308708	321844	334980	348118	361254	374390	387525	—	—	2
78.00		308708	321844	334980	348118	361254	374390	387525	—	—	2
78.58	3.3/32	314864	328262	341662	355059	368459	381858	395255	—	—	2
79.00		314864	328262	341662	355059	368459	381858	395255	—	—	2
79.37	3.1/8	323222	336978	350730	364486	378241	391995	405748	—	—	2
80.00		323222	336978	350730	364486	378241	391995	405748	—	—	2
80.17	3.5/32	345714	360425	375139	389849	404559	419271	433982	—	—	2
80.96	3.3/16	345714	360425	375139	389849	404559	419271	433982	—	—	2
81.00		345714	360425	375139	389849	404559	419271	433982	—	—	2
81.76	3.7/32	354701	369796	384889	399984	415075	430170	445263	—	—	2
82.00		354701	369796	384889	399984	415075	430170	445263	—	—	2
82.55	3.1/4	354701	369796	384889	399984	415075	430170	445263	—	—	2
83.00		362029	377435	392839	408245	423650	439056	454460	—	—	2
83.34	3.9/32	362029	377435	392839	408245	423650	439056	454460	—	—	2
84.00		362029	377435	392839	408245	423650	439056	454460	—	—	2
84.14	3.5/16	368047	383709	399371	415033	430693	446355	462017	—	—	2
84.93	3.11/32	368047	383709	399371	415033	430693	446355	462017	—	—	2
85.00		368047	383709	399371	415033	430693	446355	462017	—	—	2
85.72	3.3/8	419813	437677	455543	473407	491271	509135	527000	—	—	2
86.00		419813	437677	455543	473407	491271	509135	527000	—	—	2
86.52	3.13/32	419813	437677	455543	473407	491271	509135	527000	—	—	2
87.00		419813	437677	455543	473407	491271	509135	527000	—	—	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	282688	300927	319163	337400	355640	373876	392114	410353	2
88.00		282688	300927	319163	337400	355640	373876	392114	410353	2
88.11	3.15/32	282688	300927	319163	337400	355640	373876	392114	410353	2
	3.1/2	282688	300927	319163	337400	355640	373876	392114	410353	2
89.00		282688	300927	319163	337400	355640	373876	392114	410353	2
90.00		288453	307063	325672	344281	362892	381503	400111	418721	2
90.49	3.9/16	299210	318514	337820	357124	376428	395731	415036	434339	2
91.00		299210	318514	337820	357124	376428	395731	415036	434339	2
92.00		299210	318514	337820	357124	376428	395731	415036	434339	2
92.07	3.5/8	308981	328915	348848	368783	388717	408652	428585	448521	2
93.00		308981	328915	348848	368783	388717	408652	428585	448521	2
93.66	3.11/16	320668	341354	362043	382732	403419	424108	444795	465484	2
94.00		320668	341354	362043	382732	403419	424108	444795	465484	2
95.00		320668	341354	362043	382732	403419	424108	444795	465484	2
95.25	3.3/4	320668	341354	362043	382732	403419	424108	444795	465484	2
96.00		331404	352784	374164	395545	416926	438305	459689	481070	2
96.84	3.13/16	331404	352784	374164	395545	416926	438305	459689	481070	2
97.00		331404	352784	374164	395545	416926	438305	459689	481070	2
98.00		337264	359022	380782	402541	424299	446060	467817	489576	2
98.42	3.7/8	342077	364147	386218	408288	430356	452426	474495	496566	2
99.00		342077	364147	386218	408288	430356	452426	474495	496566	2
100.00		342077	364147	386218	408288	430356	452426	474495	496566	2
100.01	3.15/16	347938	370384	392834	415282	437728	460177	482623	505070	2
101.00		347938	370384	392834	415282	437728	460177	482623	505070	2
101.6	4	347938	370384	392834	415282	437728	460177	482623	505070	2
102.00		347938	370384	392834	415282	437728	460177	482623	505070	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	428591	446828	465067	483304	501541	519780	538017	2
88.00		428591	446828	465067	483304	501541	519780	538017	2
88.11	3.15/32	428591	446828	465067	483304	501541	519780	538017	2
88.9	3.1/2	428591	446828	465067	483304	501541	519780	538017	2
89.00		428592	446829	465068	483305	501545	519781	538018	2
90.00		437330	455942	474551	493160	511770	530380	548991	2
90.49	3.9/16	453643	472947	492251	511556	530859	550162	569467	2
91.00		453643	472947	492251	511556	530859	550162	569467	2
92.00		453643	472947	492251	511556	530859	550162	569467	2
92.07	3.5/8	468454	488389	508323	528257	548190	568126	588059	2
93.00		468454	488389	508323	528257	548190	568126	588059	2
93.66	3.11/16	486173	506861	527548	548236	568924	589614	610301	2
94.00		486173	506861	527548	548236	568924	589614	610301	2
95.00		486173	506861	527548	548236	568924	589614	610301	2
95.25	3.3/4	486173	506861	527548	548236	568924	589614	610301	2
96.00		502449	523829	545211	566592	587973	609354	630734	2
96.84	3.13/16	502449	523829	545211	566592	587973	609354	630734	2
97.00		502449	523829	545211	566592	587973	609354	630734	2
98.00		511336	533094	554854	576614	598371	620130	641889	2
98.42	3.7/8	518634	540704	562774	584844	606913	628982	651052	2
99.00		518634	540704	562774	584844	606913	628982	651052	2
100.00		518634	540704	562774	584844	606913	628982	651052	2
100.01	3.15/16	527519	549967	572414	594861	617310	639758	662204	2
101.00		527519	549967	572414	594861	617310	639758	662204	2
101.6	4	527519	549967	572414	594861	617310	639758	662204	2
102.00		527519	549967	572414	594861	617310	639758	662204	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	3678	5	1.11/16	6846	5	2.3/4	17092	3
1.1/16	3882	5	1.3/4	7003	5	2.7/8	18993	3
1.1/8	4114	5	1.13/16	7277	5	3	20862	3
1.3/16	4366	5	1.7/8	7498	5	3.1/8	23391	3
1.1/4	4561	5	1.15/16	7859	5	3.1/4	25411	3
1.5/16	4781	5	2	8127	5	3.3/8	27330	3
1.3/8	5052	5	2.1/8	8982	5	3.1/2	40886	3
1.7/16	5275	5	2.1/4	9830	5	3.5/8	34670	3
1.1/2	5466	5	2.3/8	10998	5	3.3/4	36270	3
1.9/16	5779	5	2.1/2	13374	5	3.7/8	41983	3
1.5/8	6031	5	2.5/8	15540	3	4	46396	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	237 **	50	276	344	300
1.25	3.15	237 **	50	276	344	300
1.6	4	237 *	50	276	349	300
2	5	237 *	50	276	358	300
2.5	6.3	274 *	50	318	419	300
3.15	8	425 *	50	492	630	300
4	10	521 *	50	605	793	300
5	12.5	882 *	50	1022	1247	300
6.3	16	1043 *	50	1211	1479	300
8	20	1610 *	50	1899	2206	300
10	25	2073 **	50	2573	3245	300

TYPE - B IS 6709-1977

1.6	6.3	485 **	50	563	664	300
2	8	686 *	50	797	934	300
2.5	10	875 *	50	1016	1202	300
3.15	11.2	1163 *	50	1352	1576	300
4	14	1560 *	50	1857	2121	200
5	18	2230 *	50	2698	3003	200
6.3	20	2626 *	50	3047	3352	200
8	25	3396 *	50	4111	4786	200

TYPE - R IS 6710-1977

1	3.15	237	50	276	344	300
1.25	3.15	237	50	276	344	300
1.6	4	237	50	276	349	300
2	5	237 **	50	276	358	300
2.5	6.3	274 **	50	318	419	300
3.15	8	425 **	50	492	630	300
4	10	521 **	50	605	793	300
5	12.5	882	50	1022	1247	300
6.3	16	1043	50	1211	1479	300
8	20	1610	50	1899	2206	300
10	25	2073	50	2573	3245	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	237 **	50	276	344	300
BS 2	1/16	3/16	237 *	50	276	349	300
BS 3	3/32	1/4	274 *	50	318	419	300
BS 4	1/8	5/16	425 *	50	492	630	300
BS 5	3/16	7/16	554 *	50	642	866	300
BS 6	1/4	5/8	1043 *	50	1211	1479	300
BS 7	5/16	3/4	1610 *	50	1916	2222	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		1379	35	(26.99)	1.1/16	8391	35	51.00		41286	5
(7.14)	9/32	1379	35	27.00		8391	35	52.00		45468	5
7.50		1472	35	(27.78)	1.3/32	8710	35	(52.39)	2.1/16	45468	5
(7.94)	5/16	1468	35	28.00		9228	35	53.00		53115	5
8.00		1472	35	(28.57)	1.1/8	9229	35	(53.97)	2.1/8	53115	5
8.50		1501	35	29.00		9660	35	54.00		53115	5
(8.73)	11/32	1472	35	(29.37)	1.5/32	9660	35	55.00		55672	5
9.00		1506	35	30.00		10260	35	(55.56)	2.3/16	55672	5
(9.52)	3/8	1619	35	(30.16)	1.3/16	10260	35	56.00		58031	5
10.00		1619	35	(30.96)	1.7/32	10649	35	57.00		58031	5
(10.32)	13/32	1619	35	31.00		11973	35	(57.15)	2.1/4	58031	5
11.00		1621	35	(31.75)	1.1/4	12499	35	58.00		63417	5
(11.11)	7/16	1621	35	32.00		13698	20	(58.74)	2.5/16	63417	5
(11.91)	15/32	1733	35	(32.54)	1.9/32	13698	20	59.00		64589	5
12.00		1733	35	33.00		13986	20	60.00		64589	5
(12.70)	1/2	1831	35	(33.34)	1.5/16	13986	20	(60.32)	2.3/8	64589	5
13.00		2477	35	34.00		15340	20	61.00		68832	5
(13.49)	17/32	2712	35	(34.13)	1.11/32	15340	20	(61.91)	2.7/16	68832	5
14.00		2712	35	(34.92)	1.3/8	16199	20	62.00		68832	5
(14.29)	9/16	2790	35	35.00		16199	20	63.00		70814	5
15.00		2910	35	(35.72)	1.13/32	17424	20	(63.50)	2.1/2	70814	5
(15.08)	19/32	2910	35	36.00		17424	20	64.00		77317	5
15.87	5/8	2978	35	(36.51)	1.7/16	18380	20	65.00		77317	3
16.00		2978	35	37.00		18380	20	(65.09)	2.9/16	77317	3
(16.67)	21/32	3138	35	(37.31)	1.15/32	18903	20	66.00		81067	3
17.00		3138	35	38.00		20225	20	(66.67)	2.5/8	81067	3
(17.46)	11/16	3389	35	(38.10)	1.1/2	20225	20	67.00		84449	3
18.00		3644	35	39.00		22177	20	68.00		88552	3
(18.26)	23/32	3644	35	(39.69)	1.9/16	22177	20	(68.26)	2.11/16	88552	3
19.00		4166	35	40.00		22177	20	69.00		92877	3
(19.05)	3/4	4166	35	41.00		24443	20	(69.85)	2.3/4	94618	3
(19.84)	25/32	4182	35	(41.27)	1.5/8	24443	20	70.00		94618	3
20.00		4182	35	42.00		25167	20	71.00		96490	3
(20.64)	13/16	4474	35	(42.86)	1.11/16	25977	20	(71.44)	2.13/16	96490	3
21.00		4474	35	43.00		25977	20	72.00		100902	3
(21.43)	27/32	4728	35	44.00		27458	20	73.00		104641	3
22.00		4728 **	35	(44.45)	1.3/4	27458	20	(73.02)	2.7/8	104641	3
(22.22)	7/8	5018	35	45.00		28429	20	74.00		108600	3
23.00		5314	35	46.00		29481	10	(74.61)	2.15/16	108600	3
(23.02)	29/32	5314	35	(46.04)	1.13/16	29481	10	75.00		112600	3
(23.81)	15/16	5798	35	47.00		30634	10	76.00		118008	3
24.00		6086	35	(47.62)	1.7/8	32215	10	(76.20)	3	118008	3
(24.61)	31/32	6086	35	48.00		32215	10				
25.00		7043	35	49.00		34399	10				
(25.40)	1	7043	35	(49.21)	1.15/16	34399	10				
26.00		7600	35	50.00		37017	10				
(26.19)	1.1/32	7600	35	(50.80)	2	40931	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.





Reamers

**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	2677	25	25	10913	20
8	2773	25	26	12265	20
10	3248	25	27	12265	20
12	3675	25	28	13376	20
13	4625	25	30	13902	20
14	4625	25	32	16139	20
15	4854	25	34	21813	10
16	4854	25	35	21813	10
18	6304	25	36	23303	10
20	6876	20	38	24916	10
22	7859	20	40	28721	10
24	10120	20	42	31992	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	2677	25	24.7	10913	20
7.9	2773	25	25.7	12266	20
9.9	3248	25	26.7	12266	20
11.8	3675	25	27.7	13376	20
12.8	4625	25	29.7	13902	20
13.8	4625	25	31.7	16139	20
14.8	4854	25	33.7	21813	10
15.8	4854	25	34.7	21813	10
17.8	6305	25	35.7	23303	10
19.8	6876	20	37.7	24916	10
21.7	7859	20	39.7	28721	10
23.7	10120	20	41.6	31992	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		1258 **	1258 **	1258	1258	1258	1258	25
(3.17)	1/8	1258	1258 *	1258	1258	1258	1258	25
(3.97)	5/32	1258	1258	1258	1258	1258	1258	25
4.00		1258 **	1258 **	1258	1258	1258	1258	25
(4.76)	3/16	1258	1258	1258	1258	1258	1258	25
5.00		1258 *	1258 **	1258	1258	1258	1258	25
(5.56)	7/32	1258	1258	1258	1258	1258	1258	25
6.00		1464 *	1464 *	1464	1464	1464	1464	25
(6.35)	1/4	1464 **	1464 **	1464	1464	1464	1464	25
7.00		1468 **	1468 **	1468	1468	1468	1468	25
(7.14)	9/32	1468	1468	1468	1468	1468	1468	25
(7.94)	5/16	1663 **	1663	1663	1663	1663	1663	25
8.00		1663 **	1663 **	1663	1663	1663 **	1663	25
(8.73)	11/32	1733	1733	1733	1733	1733	1733	25
9.00		1733 **	1733 **	1733	1733	1733	1733	25
(9.52)	3/8	1891 **	1891 **	1891	1891	1891	1891	25
10.00		2094 *	2094 *	2094	2094	2094	2094	25
(10.32)	13/32	2094	2094	2094	2094	2094	2094	25
11.00		2352 **	2352 **	2352	2352	2352	2352	25
11.11	7/16	2352	2352 **	2352	2352	2352	2352	25
(11.91)	15/32	2445	2445	2445	2445	2445	2445	25
12.00		2445 *	2445 *	2445	2445	2445	2445	25
(12.70)	1/2	2539 **	2539 **	2539	2539	2539	2539	25
13.00		3088 **	3088 **	3088	3088	3088	3088	20
(13.49)	17/32	3088	3088	3088	3088	3088	3088	20
14.00		3088 **	3088**	3088	3088	3088	3088	20
(14.29)	9/16	3088	3088	3088	3088	3088	3088	20
15.00		3108 **	3108 **	3108	3108	3108	3108	20
(15.08)	19/32	3108	3108	3108	3108	3108	3108	20
(15.87)	5/8	3108	3108	3108	3108	3108	3108	20
16.00		3108 **	3108 *	3108	3108	3108	3108	20
(16.67)	21/32	3578	3578	3578	3578	–	3578	20
17.00		3578 **	3578 **	3578	3578	–	3578	20
(17.46)	11/16	3578	3578	3578	3578	–	3578	20
18.00		3830	3830 *	3830	3830	–	3830	20
(18.26)	23/32	4072	4072	4072	4072	–	4072	20
19.00		4072	4072 **	4072	4072	–	4072	15
(19.05)	3/4	4072	4072 **	4072	4072	–	4072	15
20.00		4540 **	4540 *	4540	4540	–	4540	15
(20.64)	13/16	4625	4625	4625	4625	–	4625	15
21.00		5139	5139 *	5139	5139	–	5139	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		5139 **	5139 **	5139	5139	–	5139	15
(22.22)	7/8	5139	5139 *	5139	5139	–	5139	15
23.00		5998	5998 *	5998	5998	–	5998	15
(23.81)	15/16	6645	6645	6645	6645	–	6645	15
24.00		6645 **	6645 *	6645	6645	–	6645	15
25.00		6659 **	6659 **	6659	6659	–	6659	15
(25.40)	1	6779	6779 **	6779	6779	–	6779	15
26.00		8230	8230 **	8230	8230	–	8230	10
(26.99)	1.1/16	9412	9412	9412	9412	–	9412	10
27.00		9412	9412 **	9412	9412	–	9412	10
28.00		9412	9412 **	9412	9412	–	9412	10
(28.57)	1.1/8	9412	9412	9412	9412	–	9412	10
29.00		9983	9983	9983	9983	–	9983	10
30.00		10771	10771	10771	10771	–	10771	10
(30.16)	1.3/16	10771	10771	10771	10771	–	10771	10
31.00		11898	11898	11898	11898	–	11898	5
(31.75)	1.1/4	11898	11898	11898	11898	–	11898	5
32.00		11898	11898 **	11898	11898	–	11898	5
33.00		13511	13511 **	13511	13511	–	13511	5
(33.34)	1.5/16	13511	13511	13511	13511	–	13511	5
34.00		15179	15179	15179	15179	–	15179	5
(34.92)	1.3/8	16608	16608	16608	16608	–	16608	5
35.00		16608	16608 **	16608	16608	–	16608	5
36.00		16608	16608	16608	16608	–	16608	5
(36.51)	1.7/16	16729	16729	16729	16729	–	16729	5
37.00		18230	18230	18230	18230	–	18230	5
38.00		18230	18230 **	18230	18230	–	18230	5
(38.10)	1.1/2	18230	18230	18230	18230	–	18230	5
39.00		20148	20148	20148	20148	–	20148	5
(39.69)	1.9/16	22020	22020	22020	22020	–	22020	5
40.00		22020	22020 **	22020	22020	–	22020	5
41.00		22208	22208	22208	22208	–	22208	3
(41.27)	1.5/8	22208	22208	22208	22208	–	22208	3
42.00		26173	26173	26173	26173	–	26173	3
42.86	1.11/16	26173	26173	26173	26173	–	26173	3
43.00		26173	26173	26173	26173	–	26173	3
44.00		26173	26173	26173	26173	–	26173	3
(44.45)	1.3/4	26173	26173	26173	26173	–	26173	3
45.00		30670	30670	30670	30670	–	30670	3
46.00		30670	30670	30670	30670	–	30670	3
47.00		33115	33115	33115	33115	–	33115	3
(47.62)	1.7/8	35567	35567	35567	35567	–	35567	3
48.00		35567	35567	35567	35567	–	35567	3
49.00		35567	35567	35567	35567	–	35567	3
(49.21)	1.15/16	35567	35567	35567	35567	–	35567	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.)
		Reamers		Reamers		Chucking Reamers		
mm	Inch	Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
50.00		35567	35567	35567	35567	–	35567	3
(50.80)	2	35567	35567	35567	35567	–	35567	3
51.00		35567	35567	35567	35567	–	–	3
52.00		42396	42396	42396	42396	–	–	3
(52.39)	2.1/16	42396	42396	42396	42396	–	–	3
53.00		42396	42396	42396	42396	–	–	3
(53.97)	2.1/8	42396	42396	42396	42396	–	–	3
54.00		42396	42396	42396	42396	–	–	3
55.00		49230	49230	49230	49230	–	–	3
(55.56)	2.3/16	49230	49230	49230	49230	–	–	3
56.00		49230	49230	49230	49230	–	–	3
57.00		49230	49230	49230	49230	–	–	3
(57.15)	2.1/4	49230	49230	49230	49230	–	–	3
58.00		52673	52673	52673	52673	–	–	3
(58.74)	2.5/16	52673	52673	52673	52673	–	–	3
59.00		52673	52673	52673	52673	–	–	3
60.00		62494	62494	62494	62494	–	–	3
(60.32)	2.3/8	62494	62494	62494	62494	–	–	3
61.00		62494	62494	62494	62494	–	–	3
(61.91)	2'7/16	62494	62494	62494	62494	–	–	3
62.00		62494	62494	62494	62494	–	–	3
63.00		62494	62494	62494	62494	–	–	3
(63.50)	2.1/2	62494	62494	62494	62494	–	–	3
64.00		62494	62494	62494	62494	–	–	2
65.00		–	75453	–	75453	–	–	2
(65.09)	2.9/16	75453	75453	75453	75453	–	–	2
66.00		–	77999	–	77999	–	–	2
(66.67)	2.5/8	77999	77999	77999	77999	–	–	2
67.00		–	77999	–	77999	–	–	2
68.00		–	83617	–	83617	–	–	2
(68.26)	2.11/16	83617	83617	83617	83617	–	–	2
69.00		–	83617	–	83617	–	–	2
(69.85)	2.3/4	83617	83617	83617	83617	–	–	2
70.00		–	83617	–	83617	–	–	2
71.00		–	83617	–	83617	–	–	2
(71.44)	2.13/16	87853	87853	87853	87853	–	–	2
72.00		–	102149	–	102149	–	–	2
73.00		–	102149	–	102149	–	–	2
(73.02)	2.7/8	102149	102149	102149	102149	–	–	2
74.00		–	102149	–	102149	–	–	2
(74.61)	2.15/16	102149	102149	102149	102149	–	–	2
75.00		–	107265	–	107265	–	–	2
76.00		–	107265	–	107265	–	–	2
(76.20)	3	107265	107265	107265	107265	–	–	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	2408	30	5/16 x 125 x 200	2408	30
8 x 175 x 250	2572	30	5/16 x 175 x 250	2572	30
8 x 200 x 300	2822	30	5/16 x 200 x 300	2822	30
8 x 225 x 300	3540	30	3/8 x 125 x 200	3024	30
9 x 125 x 200	2348	30	3/8 x 175 x 250	3226	30
9 x 175 x 250	2704	30	3/8 x 200 x 300	3423	30
10 x 125 x 200	3024	30	7/16 x 160 x 250	3583	30
10 x 175 x 250	3226	30	7/16 x 200 x 300	3776	30
10 x 200 x 300	3423	30	1/2 x 175 x 200	4039	30
10 x 300 x 400	3658	30	1/2 x 200 x 300	4083	30
12 x 160 x 250	3583 **	30	9/16 x 200 x 300	4800	30
12 x 200 x 300	3776	30	9/16 x 250 x 350	5087	30
13 x 200 x 300	4318	30	5/8 x 200 x 300	4800	30
14 x 160 x 250	4024	30	5/8 x 250 x 350	5137	30
14 x 200 x 300	4726	30	5/8 x 300 x 400	5369	30
15 x 200 x 300	4800	30	11/16 x 200 x 300	5958	30
15 x 300 x 400	5369	30	3/4 x 200 x 300	6323	30
16 x 200 x 300	4571	30	3/4 x 300 x 400	6729	30
16 x 300 x 400	5369	30	13/16 x 200 x 300	7968	30
17 x 200 x 300	5415	30	7/8 x 200 x 300	9439	20
18 x 200 x 300	5952	30	7/8 x 300 x 400	9642	20
19 x 200 x 300	6323	30	1 x 275 x 400	11619	20
20 x 200 x 300	7015	30	1 x 200 x 315	10345	20
20 x 300 x 400	7927	30	1-1/8 x 275 x 400	17652	20
22 x 200 x 300	7968	20	-	-	-
25 x 200 x 315	10345	20	-	-	-
25 x 275 x 400	11626	20	-	-	-
26 x 275 x 400	14367	20	-	-	-
28 x 175 x 400	16503	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	2046	20	29	12081	5
7	2178	20	30	12081	5
8	2178	20	31	13986	5
9	2358	20	32	13986	5
10	2689	20	33	16425	5
11	2689	20	34	18914	5
12	3082	20	35	18914	5
13	3660	20	36	20293	5
14	3660	20	37	21695	5
15	4025	20	38	21695	5
16	4025	15	39	21695	5
17	4648	15	40	24939	5
18	5205	15	41	24939	5
19	5205	15	42	27862	3
20	5677	15	43	27862	3
21	6549	15	44	30613	3
22	6549	15	45	33245	3
23	6549	15	46	33245	3
24	8432	10	47	36244	3
25	9139	10	48	39416	3
26	10216	10	49	39416	3
27	10216	10	50	43821	3
28	11100	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	2046	20	15/16	8077	15
9/32	2178	20	1	8767	10
5/16	2178	20	1.1/16	9834	10
11/32	2281	20	1.1/8	10690	10
3/8	2281	20	1.3/16	11640	5
13/32	2644	20	1.1/4	13457	5
7/16	2644	20	1.5/16	15768	5
15/32	2856	20	1.3/8	17578	5
1/2	2922	20	1.7/16	19517	5
9/16	3555	20	1.1/2	20875	5
5/8	3830	20	1.5/8	21460	5
11/16	4540	15	1.3/4	28865	3
3/4	5015	15	1.7/8	34795	3
13/16	5499	15	2	42166	3
7/8	6304	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	4146	5	64	17570	3
24, 25	4146	5	65, 66	17738	3
26, 27	4392	5	67	19461	3
28	4714	5	68, 69	19461	3
29	4939	5	70	19461	3
30	4963	5	71	21419	3
31	5162	5	72, 73	21638	3
32	5195	5	74, 75	23517	3
33	5454	5	76	23746	3
34	5676	5	77, 78	26366	3
35	5739	5	79	26638	3
36	5978	5	80	29198	3
37	6210	5	81	29198	3
38	6296	5	82	29198	3
39, 40	6610	5	83	31192	3
41	6903	5	84	31192	3
42, 43	7833	5	85	31494	3
44	7946	5	86	33415	3
45	8288	5	87	33415	3
46	8288	5	88	33415	3
47	8681	5	89	33735	3
48	8855	5	90	39508	3
49	8915	5	91	39900	3
50	9279	5	92	39900	3
51	10182	5	93	41303	3
52,53,54	10277	5	94	41303	3
55, 56	11277	5	95	41710	3
57	11277	5	96	47792	3
58, 59	12643	5	97	47792	3
60	12643	5	98	48154	3
61	15131	5	99, 100	53305	3
62, 63	15275	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	4157	5	2-1/8	10182	5
1-1/16	4392	5	2-1/4	11089	5
1-1/8	4671	5	2-3/8	12371	5
1-3/16	4873	5	2-1/2	15131	5
1-1/4	5162	5	2-5/8	17570	3
1-5/16	5421	5	2-3/4	19270	3
1-3/8	5676	5	2-7/8	21610	3
1-7/16	5928	5	3	23517	3
1-1/2	6188	5	3-1/8	26366	3
1-9/16	6534	5	3-1/4	28945	3
1-5/8	6822	5	3-3/8	31192	3
1-11/16	7757	5	3-1/2	33415	3
1-3/4	7917	5	3-5/8	39533	3
1-13/16	8208	5	3-3/4	41303	3
1-7/8	8485	5	3-7/8	47792	3
1-15/16	8863	5	4	52803	3
2	9184	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	2186	25	23	8720	10
7.4	2186	25	23.5	8720	10
8.4	2560	25	24	9483	10
9.4	2890	25	25	9483	10
10	3197	25	26	10690	10
11	3197	25	27	10690	10
11.5	3735	25	28	11570	10
12	3735	25	29	12490	10
13	4072	15	30	12490	10
13.5	4072	15	31	13757	5
14	4072	15	32	13757	5
15	4726	15	33	14801	5
17	5831	15	34	15880	5
17.5	5831	15	35	15880	5
18	6549	15	36	16945	5
19	6549	15	37	18064	5
20	7196	10	40	28721	3
21	7996	10	43	33993	3
21.5	7996	10	49	46235	3
22	7996	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	2137	25	15/16	8720	10
5/16	2381	25	1	9483	10
3/8	2721	25	1.1/16	10319	10
7/16	3197	25	1.1/8	11086	10
1/2	3455	25	1.3/16	11990	10
9/16	4072	15	1.1/4 MT3	13376	5
5/8	4726	15	1.1/4 MT4	13757	5
11/16 MT2	4755	15	1.5/16	14159	5
11/16 MT3	5831	15	1.3/8	15179	5
3/4	6549	15	1.7/16	16222	5
13/16	6954	10	1.1/2	18064	5
7/8	7996	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	2890	3429	35	4	10643	12679	35
1	3179	3617	35	5	21695	23303	20
2	4427	5369	35	6	38284	53380	5
3	6435	8049	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	2703	2703	20	16	6122	6122	10
4	2703	2703	20	20	9520	9520	10
5	2703 **	2703	20	25	10102	10102	10
6	2703 *	2703	20	30	13593	13593	10
8	3658 **	3658	20	32	14935	14935	10
10	4057 **	4057	20	40	26707	26707	5
12	4897 **	4897	15	50	46286	46286	3
14	5499	5499	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	2518	–	25	3/8	3510 **	3510	25
5/32	2518	2518	25	13/32	3939	3939	25
11/64	2518	2518	25	7/16	4055	4055	25
3/16	2518	2518	25	1/2	4583	4583	25
7/32	2518	2518	25	9/16	5299	5299	25
1/4	2518 **	2518	25	5/8	5893	5893	25
9/32	2755	2755	25	3/4	7430	7430	20
5/16	3051	3051	25	7/8	9168	9168	20
11/32	3442	3442	25				

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

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

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	1338 **	20	5/8	2579	20
3/8	1538 **		3/4	3169	20
1/2	1896	20			

For more details please refer our Product Catalogue Page 87.



Milling Cutters



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)	2998	3	80	80	14536	3
	(32)	3746	3		100	16734	3
	(50)	4664	3	100	(40)	12078	2
	(70)	6252	3		(70)	18295	2
50	(25)	3840	3	100	(90)	22668	2
50	40	4548	3		(110)	31844	2
	63	5955	3		125	38792	2
	80	7726	3	125	(50)	27267	2
63	(32)	5468	3		(80)	38678	2
63	50	6895	3	125	(110)	52052	2
	70	9074	3		(125)	58232	2
	(90)	10654	3		140	64768	2
80	(36)	7726	3	160	125	96892	2
	63	12285	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	4887	3	6162	3	6828	3	8634	3	12450	3
2	7235	3	9482	3	11385	3	15113	3	20906	3
3	9626	2	12882	2	15897	2	21580	2	29530	2
4	11992	2	16372	2	20468	2	27504	2	38678	2
5	14460	2	23023	2	30099	2	38186	2	47619	2
6	16922	2	29322	2	35817	2	44642	2	56591	2
7	19307	2	34207	2	41606	2	53221	2	66265	2
8	22608	2	39074	2	47396	2	60621	2	74670	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	13635	3	20021	3	33390	3	5	33534	2	49339	2	68050	2
3	17259	2	26782	2	44978	2	6	42521	2	58056	2	79784	2
4	23210	2	34105	2	56606	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	3514	4369	4	150	28		26510	33218	4
	6		3652	4548	4		32		28493	36240	4
	8		3746	4673	4	160	6	40	15641	17467	3
	10		3980	4973	4		8		16622	18571	3
63	6	22	4304	5563	4		10		17608	19670	3
63	8	22	4548 **	6070	4	160	12	40	18576	20742	3
	10		4945 **	6252	4		14		19554	21853	3
	12		5159	6736	4		16		20706	22945	3
	14		5315	7226	4		18		22174	25388	3
	16		5576	7795	4		20		23281	25388	3
63	18	22	5945	8026	4	160	22	40	24653	28142	3
80	6	27	4713	5915	4		25		26608	32632	3
	8		5223	6437	4		28		28493	33977	3
	10		5576	7364	4		32		31014	37046	3
	12		5945	7795	4	200	6	40	20468	22701	3
80	14	27	6323	8362	4	200	8	40	22084	24449	3
	16		6615	8534	4		10		23901	26870	3
	18		7364	9665	4		12		27626	30377	3
	20		7684	10135	4		14		29426	32503	3
100	6	32	6736	8169	4		16		31244	34663	3
100	8	32	7200	8742	4	200	18	40	34869	39305	3
	10		7960	9370	4		20		35248	40505	3
	12		8534 **	10415	4		22		38489	44057	3
	14		9040	10654	4		25		42112	48382	3
	16		9665	11494	4		28		44337	51386	3
100	18	32	10306	11816	4	200	32	40	49281	57594	3
	20		11098	12477	4	225	6		26364	28593	3
	22		11619	14267	4		8		28779	31475	3
	25		12625	15554	4		10		31328	33905	3
125	6	32	9443	11716	4		12		36469	39799	3
125	8	32	10135	12625	4	225	14		39095	43032	3
	10		10859	14689	4		16		41767	46228	3
	12		12376	15250	4		18		47117	53574	3
	14		13407	16293	4		20		47117	53574	3
	16		13974	16922	4		22		52014	59324	3
125	18	32	14987	19301	4	225	25		56961	64883	3
	20		15519	20823	4		28		62020	70129	3
	22		17138	22627	4		32		67073	75346	3
	25		18740	23530	4	250	6		30257	33149	3
	28		21102	26936	4		8		33344	36051	3
150	6		11494	14780	4	250	10		36222	38913	3
	8		12502	15989	4		12		42368	46398	3
	10		13565	17228	4		14		45867	49994	3
	12		15711	19845	4		16		49247	53574	3
	14		16803	21102	4		18		55668	61977	3
150	16		17903	22381	4	250	20		55668	61977	3
	18		20103	24825	4		22		61604	68680	3
	20		20103	24825	4		25		67920	74790	3
	22		22319	27507	4		28		73833	82754	3
	25		24469	30294	4		32		79683	90747	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	4304		4	5	5/16	10135	12625	4
	5/16	4508		4		3/8	10859	14689	4
	3/8	4713		4		7/16	11619	14949	4
	7/16	4925		4		1/2	12376	15250	4
	1/2	5137		4		5/8	13974	16922	4
2.1/2	5/8	5507		4	5	3/4	15519	19307	4
	3/4	5881		4		7/8	17138	22381	4
	7/8	6276		4		1	18740	23530	4
	1	6717		4		1.1/4	21644		4
	1.1/4	7550		4		1.1/2	24623		4
2.1/2	1.1/2	8412		4	6	1/4	11494	14780	3
	3	4770	5990	4		5/16	12502	15989	3
	5/16	5013	6370	4		3/8	13565	17228	3
	3/8	5315	7118	4		7/16	14637	18516	3
	7/16	5563	7235	4		1/2	15711	19845	3
3	1/2	5856	7364	4	6	5/8	17898	22381	3
	5/8	6422	8246	4		3/4	20103 **	24825	3
	3/4	6895	8759	4		7/8	22319	27507	3
	7/8	7673	9551	4		1	24469	30276	3
	1	8292	10306	4		1.1/4	28493		3
3	1.1/4	9155		4	6	1.1/2	32503		3
	1.1/2	10462		4		7	1/4	17042	19307
3.1/2	1/4	5668		4	7	5/16	18441	22160	3
	5/16	5990		4		3/8	19842	23902	3
	3/8	6370		4		7/16	21169	25099	3
3.1/2	7/16	6747		4	7	1/2	22864	26235	3
	1/2	7077		4		5/8	25599	30770	3
	5/8	7844		4		3/4	28390	34418	3
	3/4	8593		4		7/8	31212	37866	3
	7/8	9264		4		1	33999	41250	3
3.1/2	1	10190		4	7	1.1/4	39557		3
	1.1/4	11527		4		1.1/2	45181		3
	1.1/2	12991		4		8	1/4	20468	22732
4	1/4	6717	8169	4	8	5/16	22084	24449	3
	5/16	7200	8742	4		3/8	23901	26870	3
4	3/8	7684 **	9264	4	8	7/16	25760	28625	3
	7/16	8169	9830	4		1/2	27626	30377	3
	1/2	8534 **	10415	4		5/8	31244	34663	3
	5/8	9665	11494	4		3/4	34869	39425	3
	3/4	10654	13117	4		7/8	38489	44057	3
4	7/8	11619	14267	4	8	1	42112	48369	3
	1	12625	15554	4		1.1/4	49273		3
	1.1/4	14348		4		1.1/2	56433		3
	1.1/2	15805		4		9	1/4	26364	29122
5	1/4	9443		4		5/16	28779	31475	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	31328	33905	3	10	5/16	33344	36051	3
	7/16	33764	37315	3		3/8	36222	38913	3
	1/2	36470	39849	3		7/16	38927	40706	3
	5/8	41767	46228	3		1/2	42368	46398	3
	3/4	46275	53574	3		5/8	49247	53574	3
9	7/8	52014	59324	3	10	3/4	55668	61977	3
	1	56961	61586	3		7/8	61606	68680	3
	1.1/4	67073	75346	3		1	67923	74790	3
	1.1/2	77212	86122	3		1.1/4	79683	90747	3
	1.3/4	94684	105047	3		1.1/2	92399	104272	3
10	1/4	30257	33149	3	1.3/4	112209	125301	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	3188	4	100	6	6162	2	160	12	17917	2
	6	3447	4		8	6614	2		14	19091	2
	8	3657	4		10	7200	2		16	20441	2
	10	3818	4		12	7844	2		18	21754	2
63	5	3739	4		14	8437	2		20	23210	2
63	6	3739	4	100	16	9079	2	160	22	24714	2
	8	3914	4		18	9608	2		25	26831	2
	10	4304	4		20	9820	2		28	28330	2
	12	4673	4		22	10968	2		32	32060	2
	14	4945	4		25	11716	2		200	12	26347
63	16	5315	4	125	8	9443	2	200	14	27837	2
	18	5712	4		10	10329	2		16	29604	2
80	5	5232	2		12	11265	2		18	31690	2
	6	5232	2		14	12417	2		20	33923	2
	8	5576	2		16	13242	2		22	36450	2
	10	5951	2	125	18	14348	2	200	25	39297	2
12	6665	2	20		15195	2	28		42585	2	
14	7200	2	22		16185	2	32		47400	2	
16	7651	2	25		17718	2	36		52213	2	
	18	8083	2		28	19554	2		40	57168	2
80	20	8593	2	160	10	17018	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	2591	4		5/16	4054	3		5/16	7795	3
	5/16	2807	4	3 1/2	3/8	4383	3		3/8	8480	3
	3/8	3002	4		7/16	4713	3	5	7/16	9195	3
	7/16	3169	4		1/2	5053	3		1/2	9906	3
	1/2	3348	4		5/8	5753	3		5/8	11265	3
2.1/2	5/8	3746	4		3/4	6252	3		3/4	12376	3
	3/4	4012	4	3 1/2	7/8	6747	3		7/8	13508	3
	7/8	4292	4		1	7235	3	5	1	14637	3
	1	4548	4	4	3/16	4452	3	6	1/4	9195	3
3	1/4	2960	4		1/4	4452	3		5/16	10191	3
3	5/16	3188	4		5/16	4973	3		3/8	11175	3
	3/8	3429	4	4	3/8	5427	3		7/16	12176	3
	7/16	3746	4		7/16	6323	3	6	1/2	13190	3
	1/2	3937	4		1/2	6370	3		5/8	15191	3
	5/8	4432	4		5/8	7962	3		3/4	16846	3
3	3/4	4829	4		3/4	8083	3		7/8	18516	3
	7/8	5331	4	4	7/8	9305	3		1	20243	3
	1	5881	4		1	9582	3				
3.1/2	1/4	3693	3	5	1/4	7118	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	3318	3	80	32	22	70, 75, 80	7726	3
			75, 80, 85								
63	18	22	60, 65, 70	4945	3	100	36	27	70, 75, 80	11594	3
			75, 80, 85								
63	26	22	70, 75, 80	5881	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	4114	4549	3	1/2"	45, 50, 55, 60, 65, 70, 80	4770	5386	3
7/16	40	4509	5143	3	5/8"	50,60,65,70,80	5315	5990	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	3652	4
			65, 70, 75 & 80		4
63	18	22	12 x 55, 15 x 60	4995	4
			65, 70, 75 & 80		4
50	14	16	20 x 90	3980	4
63	20	22	20 x 90	5232	4
50	16	16	25 x 100	4304	4
63	22	22	25 x 100	5659	4
80	32	22	15 x 65, 70, 75	7726	3
100	36	27	15 x 70, 75, 80	11594	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	4770	3	3	5/8	1-1/4	5951	3
	3/4	1	5752	3		3/4	1-1/4	5990	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	3214	3	80	12	27	45	4803	3
50	10	16	60	3356	3	80	18	27	60	5442	3
50	14	16	90	3784	3	80	22	27	90	6162	3
63	10	22	45	3914	3	100	18	32	45	7593	3
63	14	22	60	4333	3	100	25	32	60	8882	3
63	20	22	90	5010	3	100	32	32	90	10394	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	3652	3	80	16	22	45	5223	3
56	12	16	60	3818	3	80	20	22	60	5668	3
56	14	16	90	4114	3	80	22	22	90	6162	3
63	12	22	45	4114	3	100	18	27	45	7593	3
63	16	22	60	4548	3	100	25	27	60	8882	3
63	18	22	90	4770	3	100	28	27	90	9626	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	4114	3	3	5/16	30, 40	4548	3
2.3/4	7/16	40	4304	3	3	7/16	30, 40	4770	3
2.3/4	1/2	45, 60, 90	4304	3	3	1/2	45, 60, 90	4770	3
2.3/4	5/8	60, 90	4770	3	3	5/8	60, 90	5223	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	4383	2	80	12.6	6.3	27	7220	2
50	4	2	16	4383	2	80	16	8	27	7926	2
63	5	2.5	22	5507	2	100	20	10	32	12163	2
63	6	3	22	5507	2	100	24	12	32	13420	2
63	6.3	3.15	22	5507	2	100	25	12.5	32	14192	2
63	8	4	22	5507	2	125	32	16	32	23456	2
63	10	5	22	6070	2	125	40	20	32	28263	2
80	12	6	27	7220	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	4383	2	70	16	8	22	7200	2
50	3.2	1.6	22	4383	2	90	18	9	27	9626	2
50	4	2	22	4383	2	90	20	10	27	10135	2
56	5	2.5	22	5189	2	90	22	11	27	11170	2
56	6	3	22	5189	2	90	24	12	27	11969	2
63	6	3	22	5507	2	90	25	12.5	27	12376	2
63	8	4	22	5507	2	100	28	14	32	15266	2
63	10	5	22	6070	2	110	32	16	32	19307	2
70	12	6	22	6544	2	110	36	18	32	25487	2
70	14	7	22	7200	2	125	40	20	40	28263	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	5232	2	80	24	6.3	27	10854	2
50	9	2	16	5473	2	80	32	8	27	12762	2
63	10	2.5	22	6004	2	100	36	10	32	17780	2
63	12	3	22	6465	2	100	40	12	32	18740	2
63	12	3.15	22	6465	2	100	40	12.5	32	18740	2
63	16	4	22	6652	2	125	50	16	32	39486	2
63	20	5	22	7806	2	125	60	20	32	42914	2
80	24	6	27	10787	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	5507	2	90	40	10	27	16922	2
56	8	1.6	22	5507	2	100	42	11	27	19736	2
56	9	2	22	5787	2	100	44	12	27	20399	2
56	10	2.5	22	5951	2	100	46	12.5	27	20796	2
63	14	3.5	22	6665	2	100	50	14	27	22884	2
70	24	6	22	9305	2	125	56	16	32	31501	2
70	28	7	22	9765	2	125	62	18	32	42914	2
90	36	9	27	15250	2	125	70	20	32	45181	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	4664	5507	2	3	3/4	1	8412	12148	2
2.1/4	3/16	1	4973	5710	2	3.1/4	13/16	1	9518	14536	2
2.1/4	1/4	1	5197	6084	2	3.1/4	7/8	1	10135	14780	2
2.1/2	5/16	1	5507	6665	2	3.1/2	15/16	1	11352	17295	2
2.1/2	3/8	1	5867	7226	2	3.1/2	1	1	11874	17539	2
2.1/2	7/16	1	6080	7806	2	4	1.1/8	1.1/4	15266	21443	2
2.1/2	1/2	1	6547	8324	2	4	1.1/4	1.1/4	16803	22884	2
2.3/4	9/16	1	6665	9765	2	4.1/4	1-3/8	1.1/4	23125	30155	2
2.3/4	5/8	1	7235	10010	2	4.1/4	1-1/2	1.1/4	25016	34557	2
3	11/16	1	8026	11961	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	4432	2	80	12	6.3	27	7769	2
50	5	2	16	4432	2	80	16	8	27	8362	2
63	5	2.5	22	5386	2	100	18	10	32	16546	2
63	6	3	22	5386	2	100	20	12	32	17251	2
63	6	3.15	22	5386	2	100	20	12.5	32	17251	2
63	8	4	22	5636	2	125	24	16	32	23285	2
63	10	5	22	6004	2	125	28	20	32	27036	2
80	12	6	27	7769	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	4664	2	100	11	21	27	17785	2
56	2.0	4.5	22	4664	2	100	12	22	27	17785	2
56	2.5	5	22	4664	2	100	12.5	22	27	17785	2
63	3.5	7	22	5636	2	100	14	25	27	18838	2
70	6.0	12	22	6422	2	100	16	28	32	20244	2
70	7.0	14	22	6747	2	100	18	31	32	25875	2
90	9.0	18	27	10096	2	125	20	35	32	27518	2
90	10.0	20	27	10968	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	4887	6907	2	3	3/8	1	8091	11533	2
2.1/4	3/32	1	4887	6907	2	3.1/4	13/32	1	9164	13242	2
2.1/4	1/8	1	4887	6907	2	3.1/4	11/16	1	9164	13242	2
2.1/2	5/32	1	5507	7769	2	3.1/2	15/32	1	10892	15989	2
2.1/2	3/16	1	5507	7769	2	3.1/2	1/2	1	10892	15989	2
2.1/2	7/32	1	5821	8324	2	3.1/2	9/16	1	11992	17885	2
2.1/2	1/4	1	5821	8324	2	3.1/2	5/8	1	11992	17885	2
2.3/4	9/32	1	6828	9905	2	3.3/4	11/16	1	17640	25269	2
2.3/4	5/16	1	6828	9905	2	3.3/4	3/4	1	17640	25269	2
3	11/32	1	8091	11533	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	-	2947	-	-	-	-	2
0.75	-	2947	-	-	-	-	2
1	2947	2947	-	-	-	-	2
1.25	3095		-	-	-	-	2
1.5	3382	3382	-	-	-	-	2
1.75	3382		3796	4311	-	-	2
2	-	3796	3796	4311	-	-	2
2.25	-	3796	3796	4311	-	-	2
2.5	-	4186	4186	4875	-	-	2
2.75	-	4186	4186	4875	-	-	2
3	-	4521	4521	5711	-	-	2
3.25	-		4752	6015	-	-	2
3.5	-	4995	4995	6125	-	-	2
3.75	-		5646	6691	-	-	2
4	-	5646	5646	6342	-	-	2
4.5	-	-	6758	8391	-	-	2
5	-	-	7097	8521	-	-	2
5.5	-	-	8521	9498	-	-	2
6	-	-	10646	10804	-	-	2
6.5	-	-	12168	12853	-	-	2
7	-	-	-	13519	-	-	2
8	-	-	-	15594	-	-	2
9	-	-	-	23946	23946	27298	2
10	-	-	-	26185	27143	29369	2
11	-	-	-	28420	31230	32739	2
12	-	-	-	30238	32739	34491	2
14	-	-	-	38085	38830	42717	2
16	-	-	-	-	-	53492	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	53492		-	-	2	11	-	-	4311	3796	2
1.75	42716	42716	38629	-	2	12	-	-	-	3741	2
2	34491	32739	30238	-	2	13	-	-	-	3382	2
2.25	32739	31230	28420	-	2	14	-	-	-	3382	2
2.5	29369	27143	26185	-	2	15	-	-	-	3382	2
2.75	27298	23946	23946	-	2	16	-	-	-	3098	2
3	-	-	15594	-	2	18	-	-	-	3098	2
4	-	-	10804	10646	2	20	-	-	-	2947	2
5	-	-	8521	7097	2	22	-	-	-	2947	2
6	-	-	6339	5646	2	24	-	-	-	2947	2
7	-	-	6125	4995	2	26	-	-	-	2947	2
8	-	-	5712	4521	2	28	-	-	-	2947	2
9	-	-	4875	4186	2	30	-	-	-	2754	2
10	-	-	4783	4144	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.) Cutter No			MOQ (No.)	Pitch Inch	Roller Dia Inch	Price Per Piece (Rs.) Cutter No			MOQ (No.)
		1	2	3				1	2	3	
0.315	0.197	7795	7795	7795	2	0.75	0.475	13635	13635	13872	2
0.375	0.25	7698	8083	8083	2	1	0.625	26428	26428	25754	2
0.5	0.305	9131	9131	9131	2	1.25	0.75	30998	28669	28669	2
0.5	0.335	9131	9131	9131	2	1.5	1	31212	30998	32215	2
0.625	0.325	9131	9131	9131	2	1.75	1.1	42164	41686	41405	2
0.625	0.4	10233	10233	10233	2	2	1.15	61756	56802	55177	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	5668	4	100	50	32	20468	3
50	36	22	6895 **	4	125	56	40	34317	3
63	40	27	9074 **	4	160	63	50	64768	3
80	45	27	13407	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	3899	4	3	1.3/4	1.1/4	11961	4
1.1/2	1.1/8	1/2	4770	4	3.1/2	1.7/8	1.1/4	14914	3
1.3/4	1.1/4	3/4	5668	4	4	2.1/4	1.1/2	21934	3
2	1.3/8	3/4	6442	4	4.1/2	2.1/4	1.1/2	26296	3
2.1/4	1.1/2	1	7769	4	5	2.1/4	1.1/2	34317	3
2.1/2	1.5/8	1	9036	4	5.1/2	2.1/4	2	40143	3
2.3/4	1.5/8	1	10275	4	6	2.1/4	2	46298	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	4888	4	3	1.11/16	1.1/8	10190	4
2	1.1/4	3/4	5636	4	4	1.3/4	1.1/8	17042	3
2.1/2	1.1/4	3/4	7118	4	5	2	1.1/2	28669	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	2591	5	5/8	1.1/4	6178	5
9/32	3/4	3088	5	11/16	1.1/2	6178	5
5/16	3/4	3088	5	3/4	1.1/2	4945	5
11/32	3/4	3088	5	13/16	1.1/2	4945	5
3/8	1	3348	5	7/8	1.3/4	6178	5
7/16	1	4945	5	15/16	1.3/4	6178	5
1/2	1	4945	5	1	1.3/4	6178	5
9/16	1.1/4	6178	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	1555	35	16.5	5	2165 **	30	28.5	6	4540 **	15
10.5	2.5	1555	35	19.5	4	2461	30	28.5	8	4540	15
10.5	3	1555	35	19.5	5	2461	30	28.5	10	4540	15
13.5	3	1944	30	19.5	6	2461 **	30	32.5	7	5369	10
13.5	4	1944 **	30	22.5	5	2798	25	32.5	8	5369	10
16.5	3	2165 **	30	22.5	6	2798 **	25	32.5	10	5369	10
16.5	4	2165	30	22.5	8	2798	25	45.5	10	9119	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	1658	30	607	3169	25	1210	5610	10
304	1658	30	807	3169	25	1011	6827	10
404	1658	30	608	3830 **	25	1211	6827	10
305	2299	30	808	3830	25	812	7713	10
405	2299	30	1008	3830	25	1012	7713	10
505	2299	30	609	4740	15	1212	7713	10
406	2699	30	809	4740 **	15			
506	2699	30	1009	4740	15			
606	2699	30	810	5610 **	10			
507	3169	25	1010	5610	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	5915	20	22	40	20732	15
12	21	6463	20	28	50	26875	10
14	25	12424	20	36	60	48431	5
18	32	15556	15	42	72	58774	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	4752	20	7/8	1-45/64	17781	15
5/16	45/64	5359	20	1	1-61/64	22020	10
3/8	53/64	5859	20	1-1/8	2-1/8	28424	5
7/16	61/64	6210	20	1-1/4	2-5/16	33814	5
1/2	1-5/64	7502	20	1-3/8	2-1/2	41736	5
5/8	1-21/64	12143	15	1-1/2	2-3/4	53436	3
3/4	1-33/64	15078	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	3356	15	28	11286	15	43	21796	10
14.5	3752	15	29	11898	15	46	24817	10
16.5	4305	15	31	12971	15	48	26938	3
17.5	4631	15	33	14860	10	51	30408	3
19.5	5468	15	34	15843	10	53	33037	3
20	5733 **	15	36	17218	10	55	36366	3
22	6561 **	15	37	17943	10	57	39956	3
23	7532	15	39	19441	10	59	44273	3
25	9119	15	41	21084	10	61	49325	3
26	10106 **	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	1992	15	11/16	7/16	4631	15	1-1/4	3/4	12971	15
5/16	3/16	2265	15	3/4	1/2	5205	15	1-3/8	13/16	15843	10
3/8	7/32	2528	15	13/16	9/16	5772	15	1-1/2	7/8	18404	10
7/16	1/4	2615	15	7/8	5/8	6561 **	15	1-5/8	15/16	21095	10
1/2	5/16	2943	15	15/16	5/8	7713	15	1-3/4	1	23899	10
9/16	3/8	3660	15	1	3/4	9119	15	1-7/8	1 1/8	26547	3
5/8	7/16	4087	15	1-1/8	3/4	11286	15	2	1 1/4	29315	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	2209 **	15	1-1/8	6827	15	2	20515 **	3
5/8	2934 **	15	1-1/4	8594 **	15	2 1/4	23259	3
3/4	3325 **	15	1-3/8	10047	10	2 1/2	28865 **	3
7/8	4199	15	1-1/2	11906 **	10	2 3/4	34070	3
1	5281 **	15	1-3/4	17605 **	10	3	41204	3

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





End Mills



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	726 *	50	1209	25	881 **	50	1347	25
4	726 *	50	1209	25	881 *	50	1347	25
5	726 *	50	1209	25	881**	50	1347	25
6	811 *	50	1209	25	943 *	50	1347	25
7	912 **	50	1209	25	943 **	35	1347	25
8	912 *	50	1209	25	943 *	35	1481	25
9	912 **	35	1308	25	943	35	1481	25
10	912 *	35	1308	25	980 *	35	1512	25
11	912 **	35	1438	25	980	35	1512	25
12	943 *	35	1438	25	1068 **	35	1688	25
13	1067 **	35	1987	25				
14	1168 *	35	1987	25	1367 **	35	2118	25
15	1367 **	35	2118	25	1537 **	35	2197	25
16	1367 *	35	2118	25	1537 **	35	2197	25
17	1493 **	35	2585	20				
18	1659 *	35	2585	20	1892 **	35	2520	25
19	1659 **	35	2985	20				
20	1836 *	35	2985	20	1892 **	25	2520	20
21	2060	35	3133	20	2206	25	3130	20
22	2084 *	35	3133	20	2206	25	3130	20
23	2259	30	3416	20	2617	25	3728	20
24	2259 **	30	3691	20	2617	25	3728	20
25	2428 *	30	3691	20	2617	25	3728	20
26	2519	20	4596	15	3727	20	5145	20
27	2964	20	5138	15				
28	3457 **	20	5138	15			5450	20
29	3457	20	5652	15				
30	3804 *	20	5652	15	4544 **	20	6535	20
31		20	6001	15				
32	4151	20	6001	15	4544 **	20	6535	20
33	4598	15	7255	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	5013	15	7959	10	5465	15	8467	15
35	5013 **	15	7959	10	5465	15	8467	15
36	5465 **	15	8722	10	5867	15	9873	15
37	5889	15	9511	10				
38	6277	15	9511	10	6328	15	9873	15
39	6659	15	11058	10				
40	7071 **	15	11058	10	6773	7	11268	10
41	7071	10	11058	10	7660	7		
42	8048	10	12159	10	7660	7		
43	8048	10	12159	10	8517	7		
44		10	12704	10	8517	7		
45	9018	10	13663	10	8517	7		
46	9018	10	13984	5	9457	7		
47	9921	5	14485	5	9457	7		
48	9921	5	14485	5	9457	7		
49	9921	5	16289	5	10370	7		
50	10912 **	5	16289	5	10370	7		
51	10912	5	16289	4				
52	13432	5	22824	4				
53	13432	5	22824	4				
54	15915	5	28836	4				
55	19136	5	28836	4				
56	19136	5	28836	4				
57	22255	5	30266	4				
58	22255	5	30266	4				
59	22255	5	30266	4				
60	23763	5	30266	4				
61	23763	5	36291	4				
62	24321	5	36291	4				
63	24737	5	36291	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	726	50	1127	25	881	50	1210	25
5/32	726	50	1127	25	881	50	1210	25
3/16	726 **	50	1127	25	881	50	1210	25
7/32	727	50	1156	25	940	50	1326	25
1/4	811 **	50	1156	25	943	50	1396	25
9/32	835	50	1156	25	–	–	–	–
5/16	912 **	50	1156	25	943	35	1481	25
3/8	912 **	35	1256	25	943	35	1481	25
7/16	912	35	1274	25	963	35	1512	25
1/2	943 **	35	1438	25	1068	35	1688	25
9/16	1168	35	1987	25	1367	35	2118	25
5/8	1367 **	35	2118	25	1537	35	2197	25
11/16	1529	35	2387	20	1739	35	2391	25
3/4	1659 **	35	2520	20	1892	25	2520	20
13/16	1836	35	2865	20	2206	25	3130	20
7/8	2084	35	3136	20	2206	25	3130	20
15/16	–	–	3404	20	–	–	–	–
1	2428	30	3663	20	2617	25	3728	20
1-1/8	3457	15	5106	15	3727	20	5450	20
1-1/4	4151	15	6001	15	4544	20	6535	20
1-3/8	5013	10	7959	10	5465	15	8467	15
1-1/2	5867	10	9511	10	6328	15	9873	15
1-5/8	7071	10	11058	10	7834	7	–	–
1-3/4	9018	5	12704	10	8517	7	–	–
1-7/8	9944	5	14485	5	9457	7	–	–
2	10888	5	16289	5	10369	7	–	–
2-1/16	13432	5	–	–	–	–	–	–
2-1/8	15915	5	22572	5	–	–	–	–
2-3/16	19136	5	–	–	–	–	–	–
2-1/4	20703	5	28836	–	–	–	–	–
2-5/16	22255	5	–	–	–	–	–	–
2-3/8	23763	5	31468	–	–	–	–	–
2-1/2	26791	5	36291	–	–	–	–	–

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		1387	1632	15	31		10503	12361	10
(3.17)	1/8	1387	1632	15	(31.75)	1.1/4	10503	12361	10
(3.97)	5/32	1387	1632	15	32		10503	12361	10
4		1387	1632	15	33		10503	12361	10
(4.76)	3/16	1387	1632	15	34		10503	12361	10
5		1387	1632	15	(34.92)	1.3/8	10503	12361	10
(5.56)	7/32	1387	1632	15	35		10503	12361	10
6		1387	1632	15	36		10503	12361	10
(6.35)	1/4	1387	1632	15	37		11320	13311	10
7		1566	1837	15	38		12063	14190	10
(7.14)	9/32	1566	1837	15	(38.10)	1.1/2	12063	14189	10
(7.94)	5/16	1566	1837	15	39		12549	14767	10
8		1566	1837	15	40		13337	15687	10
9		1566	1837	15	41		17007	20011	10
(9.52)	3/8	1566	1837	15	(41.27)	1.5/8	17007	20011	10
10		1566 **	1837	15	42		17007	20011	10
11		1808	2125	15	43		17007	20011	10
(11.11)	7/16	1808	2125	15	44	–			–
12		1862	2195	15	(44.45)	1.3/4	17007	20011	10
(12.70)	1/2	1862	2195	15	45		17007	20011	10
13		2302	2710	15	46		18755	22061	10
14		2302	2710	15	47		18755	22061	10
(14.29)	9/16	2302	2710	15	(47.62)	1.7/8	18755	22061	10
15		2691	3160	15	48		18755	22061	10
(15.87)	5/8	2691	3160	15	49		18755	22062	10
16		2691	3160	15	50		20577	24205	10
17		3280	3855	15	(50.8)	2	20531	24153	10
(17.46)	11/16	3280	3855	15	51		17143	20171	5
18		3280	3855	15	52		37338	43928	5
19		3280	3855	15	(52.39)	2-1/16	44802	52712	5
(19.05)	3/4	3280	3855	15	53		37338	43928	5
20		3633	4275	15	(53.97)	2-1/8	44802	52712	5
(20.64)	13/16	4114	4845	15	54		37338	43928	5
21		4114	4849	15	55		37338	43928	5
22		4114	4849	15	(55.56)	2-3/16	44802	52712	5
(22.22)	7/8	4114	4845	15	56		37338	43928	5
23		4454	5243	15	57		37338	43928	5
(23.81)	15/16	4794	5638	15	(57.15)	2-1/4	44802	52712	5
24		4794	5638	15	58		37338	43928	5
25		4794 **	5638	15	(58.74)	2-5/16	44802	52712	5
(25.40)	1	4794	5638	15	59		37338	43928	5
26		4840	5696	10	60		37338	43928	5
27		6646	7821	10	(60.32)	2-3/8	44802	52712	5
28		6646	7821	10	61		42751	50298	5
(28.57)	1-1/8	6646	7821	10	62		42751	50298	5
29		6646	7821	10	63		42751	50298	5
30		7311	8600	10	(63.50)	2-1/2	51301	60358	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	2636	2931	–	–	–	50
10		2636	2936	3654	4056	4730	50
11		2636	3061	3654	4175	4867	50
(11.11)	7/16	2636	2931	–	–	–	50
12		2706	3129	3862	4394	5120	50
(12.70)	1/2	2706	3004	–	–	–	35
13		3048	3696	–	–	–	35
14		3189	3696	4481	5740	6321	35
(14.29)	9/16	3189	3739	–	–	–	35
15		3990	4599	–	–	–	35
(15.87)	5/8	3990	4681	–	–	–	35
16		3990	4599	5448	6221	7664	35
17		3784	4694	–	–	–	25
(17.46)	11/16	3885	4556	–	–	–	25
18		3990	4694	5662	6559	8081	25
19		3987	4694	–	–	–	25
(19.05)	3/4	3987	4677	–	–	–	25
20		4523	5722	6608	8254	10169	25
(20.64)	13/16	4523	5307	–	–	–	25
21		4764	5722	–	–	–	25
22		4829	5722	7001	8254	10169	25
(22.22)	7/8	4829	5668	–	–	–	25
23		5026	6243	–	–	–	25
(23.81)	15/16	5026	5897	–	–	–	25
24		5026	6243	–	–	–	25
25		5237	6243	7846	9277	11429	25
(25.40)	1	5237	7121	–	–	–	5
26		5673	6735	–	–	–	5
27		6220	8210	–	–	–	5
28		6801	8210	9722	11709	14427	5
(28.57)	1.1/8	6801	7976	–	–	–	5
29		6801	8210	–	–	–	5
30		7559	9632	–	–	–	5
31		7943	9632	–	–	–	5
(31.75)	1.1/4	7943	8973	–	–	–	5
32		7943	9632	–	–	–	5
33		9128	11695	–	–	–	5
34		9669	11695	–	–	–	5
(34.92)	1.3/8	9669	11343	–	–	–	5
35		9669	11695	–	–	–	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		10217	14013	–	–	–	5
37		10999	14013	–	–	–	5
38		11497	14013	–	–	–	5
(38.10)	1.1/2	10747	12610	–	–	–	5
39		12265	15618	–	–	–	5
40		12803	15618	–	–	–	5
41		12803	17861	–	–	–	5
(41.27)	1.5/8	12803	14994	–	–	–	5
42		14647	17861	–	–	–	5
43		14647	17861	–	–	–	5
44		15769	19349	–	–	–	5
(44.45)	1.3/4	15769	18503	–	–	–	5
45		15769	19349	–	–	–	5
46		15769	21445	–	–	–	5
47		17493	21445	–	–	–	5
(47.62)	1.7/8	17493	20526	–	–	–	5
48		17493	21445	–	–	–	5
49		17493	22997	–	–	–	5
50		18678	22997	–	–	–	5
(50.08)	2	18678	21917	–	–	–	5
51		18678	22997	–	–	–	5
52		22034	38693	–	–	–	5
(52.39)	2.1/16	22034	25857	–	–	–	5
53		22034	38693	–	–	–	5
(53.97)	2.1/8	24956	29281	–	–	–	5
54		24956	38693	–	–	–	5
55		28855	38693	–	–	–	5
(55.56)	2.3/16	28855	33856	–	–	–	5
56		28855	38693	–	–	–	5
57		30738	38693	–	–	–	5
(57.15)	2.1/4	30738	36070	–	–	–	5
58		32774	45290	–	–	–	5
(58.74)	2.5/16	32774	38453	–	–	–	5
59		32774	45290	–	–	–	5
60		34707	45290	–	–	–	5
(60.32)	2.3/8	34707	40718	–	–	–	5
61		34707	45290	–	–	–	5
62		35240	45290	–	–	–	5
63		35826	45290	–	–	–	5
(63.50)	2-1/2	35826	42036	–	–	–	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	3105	3659	3418	4022	50
10		3105	3659	3418	4022	50
11		3332	3922	3663	4313	50
(11.11)	7/16	3851	4521	4228	4973	50
12		3422	4024	3764	4427	50
(12.70)	1/2	3851	4521	4228	4973	50
13		4067	4782	4468	5257	35
14		4067	4782	4468	5257	35
(14.29)	9/16	4067	4782	4468	5256	35
15		5026	5917	5529	6501	35
(15.87)	5/8	5026	5917	5529	6501	35
16		5026	5917	5529	6501	35
17		5879	6912	6469	7601	25
(17.46)	11/16	5879	6913	6469	7601	25
18		5879	6913	6469	7601	25
19		5879	6913	6469	7601	25
(19.05)	3/4	5879	6913	6469	7601	25
20		5879	6913	6469	7601	25
(20.64)	13/16	6373	7494	7010	8246	25
21		6373	7494	7010	8247	25
22		6373	7494	7010	8247	25
(22.22)	7/8	6373	7494	7010	8246	25
23		7001	8233	7698	9057	25
(23.81)	15/16	7001	8233	7698	9058	25
24		7001	8233	7698	9057	25
25		7001	8233	7698	9057	25
(25.40)	1	7001	8233	7698	9058	25
26		7517	8841	8038	9459	5
27		10285	12101	11001	12949	5
28		10285	12101	11001	12949	5
(28.57)	1.1/8	10285	12101	11001	12949	5
29		10285	12101	11001	12949	5
30		10285	12101	11001	12949	5
31		14113	16598	15096	17763	5
(31.75)	1.1/4	14784	17392	15820	18611	5
32		14113	16598	15096	17763	5
33		14113	16598	15096	17763	5
34		14113	16598	15096	17763	5
(34.92)	1.3/8	14784	17392	15820	18611	5
35		14113	16598	15096	17763	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		14113	16598	15096	17763	5
37		17805	20944	19049	22407	5
38		17805	20944	19049	22407	5
(38.10)	1.1/2	17805	20944	19049	22411	5
39		17805	20944	18693	21992	5
40		17805	20944	18693	21992	5
41		22136	26042	23242	27347	5
(41.27)	1.5/8	22136	26042	23242	27347	5
42		22136	26042	23242	27347	5
43		22136	26042	23242	27347	5
44		22136	26042	23242	27347	5
(44.45)	1.3/4	22136	26042	23242	27347	5
45		22136	26042	23242	27347	5
46		26374	31027	27691	32575	5
47		26374	31027	27691	32575	5
(47.62)	1.7/8	26374	31027	27691	32575	5
48		26374	31027	27691	32575	5
49		26374	31027	27691	32575	5
50		26374	31027	27691	32575	5
(50.08)	2	26374	31027	27691	32575	5
51		26374	31027	27691	32575	5
52		51172	60206	53730	63211	5
(52.39)	2.1/16	51172	60204	53732	63211	5
53		51172	60206	53730	63211	5
(53.97)	2.1/8	51172	60204	53732	63211	5
54		51172	60206	53730	63211	5
55		51172	60206	53730	63211	5
(55.56)	2.3/16	51172	60204	53732	63211	5
56		51172	60206	53730	63211	5
57		51172	60206	53730	63211	5
(57.15)	2.1/4	51172	60204	53732	63211	5
58		51172	60206	53730	63211	5
(58.74)	2.5/16	51172	60204	53732	63211	5
59		51172	60206	53730	63211	5
60		51172	60206	53730	63211	5
(60.32)	2.3/8	59762	70314	62754	73825	5
61		59762	70314	62754	73825	5
62		59762	70314	62754	73825	5
63		59762	70314	62754	73825	5
63.50	2-1/2	59762	70314	62754	73825	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	1632	1918	35	18	3204	3616	35
4	1632	1918	35	20	3593	3996	35
5	1632	1918	35	22	3891	4116	35
6	1632	1918	35	24	4465	4751	35
7	1800	1918	35	25	4465	4751	35
8	1800	1918	35	26	4983	5392	35
9	1800	1918	35	28	5973	6555	35
10	1891	2043	35	30	6257	7177	35
11	1891	2000	35	32	7221	7825	35
12	1966	2190	35	34	8628	9296	20
13	2253	2313	35	36	10009	10663	20
14	2253	2537	35	38	10009	10663	20
16	2537	2857	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	1632	1693	35	1	4465	6257	35
3/16	1632	1693	35	1 1/16	4983	6878	35
1/4	1632	1693	35	1 1/8	5973	7452	35
5/16	1800	1891	35	1 3/16	6257	8032	35
3/8	1800	2131	35	1 1/4	7221	8832	35
7/16	1891	2304	35	1 5/16	8628	9484	20
1/2	1966	2654	35	1 3/8	8628	10233	20
9/16	2253	2981	35	1 7/16	10009	11058	20
5/8	2537	3366	35	1 1/2	10009	11815	20
11/16	2981	3556	35	1 5/8	11643	14475	20
3/4	3204	4000	35	1 3/4	13024	16663	20
13/16	3593	4528	35	1 7/8	16204	18948	10
7/8	3891	5020	35	2	18759	21288	10
15/16	4167	5428	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	1918	2071	35	1	4751	6257	35
3/16	1918	2071	35	1 1/16	5392	7124	35
1/4	1918	2071	35	1 1/8	6555	8046	35
5/16	1918	2071	35	1 3/16	7177	8732	35
3/8	1918	2190	35	1 1/4	7825	9416	35
7/16	2000	2558	35	1 5/16	9296	10258	20
1/2	2190	2705	35	1 3/8	9296	11058	20
9/16	2537	3186	35	1 7/16	10663	11815	20
5/8	2857	3434	35	1 1/2	10663	12633	20
11/16	3333	3825	35	1 5/8	12400	14986	20
3/4	3616	4167	35	1 3/4	13706	17057	20
13/16	3996	4817	35	1 7/8	16775	19225	10
7/8	4116	5167	35	2	19108	21288	10
15/16	4367	5780	35				

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



Taps


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	350	1050 *	1214	1243	1411	100 / 34
4 x 0.7	350	1050 *	1214	1243	1411	100 / 34
5 x 0.8	364	1092 *	1254	1293	1463	150 / 50
6 x 1.0	372	1116 *	1306	1318	1516	150 / 50
7 x 1.0	475	1424	–	–	–	150 / 50
8 x 1.25	431	1293 *	1498	1523	1741	150 / 50
9 x 1.25	522	1567	–	–	–	150 / 50
10 x 1.50	540	1618 *	1869	1964	2176	150 / 50
11 x 1.50	826	2478	–	–	–	100 / 34
12 x 1.75	823	2471 *	3069	2920	3287	100 / 34
14 x 2.00	1196	3587 *	–	–	–	100 / 34
16 x 2.00	1196	3587 *	4089	4240	4757	100 / 34
18 x 2.50	1911	5733 *	–	–	–	45 / 15
20 x 2.50	2511	7533 *	–	–	–	45 / 15
22 x 2.50	2608	7823 **	–	–	–	45 / 15
24 x 3.00	2929	8789 *	–	–	–	25 / 9
25 x 3.00	3673	11019	–	–	–	25 / 9
27 x 3.00	4530	13590 **	–	–	–	25 / 9
30 x 3.50	5060	15180 *	–	–	–	25 / 9
33 x 3.50	6175	18526 **	–	–	–	25 / 9
36 x 4.00	8577	25729 *	–	–	–	20 / 7
39 x 4.00	10068	30206 **	–	–	–	20 / 7
42 x 4.50	11756	35268 *	–	–	–	15 / 5
45 x 4.50	15808	47425	–	–	–	15 / 5
48 x 5.00	16857	50572 **	–	–	–	10 / 4
52 x 5.00	21160	63482	–	–	–	10 / 4
56 x 5.50	30102	90305 **	–	–	–	5 / 2
60 x 5.50	31738	95216	–	–	–	5 / 2
64 x 6.00	33388	100163 **	–	–	–	3 / 1
68 x 6.00	41663	124989	–	–	–	3 / 1

For more details please refer our Product Catalogue Pages 192 & 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	741	741	741	–	–	–	100	
5 x 0.8	541	541	541	632	–	–	150	
6 x 1.0	581	581	581	685	717	784	150	50
7 x 1.0	628	628	628	–	–	889	150	50
8 x 1.25	628	628	628	748	782	889	150	50
9 x 1.25	–	–	–	–	–	–	150	
10 x 1.50	785	785	785	924	974	1185	150	50
11 x 1.50	–	–	–	–	–	–	100	
12 x 1.75	1108	1108	1108	1313	1410	1820	100	25
14 x 2.00	1605	1605	1605	1891	2137	2527	100	25
16 x 2.00	1605	1605	1605	1891	2137	2527	100	25
18 x 2.50	2474	2474	2474	2924	3246	4097	45	20
20 x 2.50	3070	3070	3070	3592	3849	5464	45	20
22 x 2.50	3404	3404	3404	4010	4525	5544	45	20
24 x 3.00	3802	3802	3802	4479	4888	6296	25	20
25 x 3.00	–	–	–	–	–	7528	25	20
27 x 3.00	5843	5843	5843	6901	–	9671	25	20
30 x 3.50	6432	6432	6432	7593	–	11944	25	20
33 x 3.50	7536	7536	7536	9122	–	13185	25	20
36 x 4.00	9855	9855	9855	–	–	17058	20	20
39 x 4.00	11870	11870	11870	–	–	20349	20	20
42 x 4.50	13554	13554	13554	–	–	24230	15	10
45 x 4.50	18170	18170	18170	–	–	29220	15	10
48 x 5.00	20432	20432	20432	–	–	34184	10	10
52 x 5.00	23656	23656	23656	–	–	–	10	–
56 x 5.50	30431	30431	30431	–	–	–	5	–
60 x 5.50	35921	35921	35921	–	–	–	5	–
64 x 6.00	40533	40533	40533	–	–	–	3	–
68 x 6.00	56467	56467	56467	–	–	–	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	567	1134	-	-	-	-	-	100 / 50	
3.5 x 0.35	567	1134	-	-	-	-	-	100 / 50	
4 x 0.5	500	1000	-	-	-	-	-	100 / 50	
5 x 0.5	488	977	665	665	665	-	-	150 / 75	
6 x 0.75	500	1000	665	665	665	792	864	150 / 75	50
7 x 0.75	580	1159	753	753	753	899	1118	150 / 75	50
8 x 0.75	574	1149	717	717	717	852	1014	150 / 75	50
8 x 1.0	522	1044 **	717	717	717	852	1014	150 / 75	50
9 x 0.75	637	1275	986	986	986	1231	0	150 / 75	
9 x 1.0	637	1275	986	986	986	1231	1014	150 / 75	50
10 x 0.75	722	1445	0.00	0.00	0.00	0	0	150 / 75	
10 x 1.0	607	1214 **	828	828	828	986	1337	150 / 75	50
10 x 1.25	607	1214 *	881	881	881	1041	1337	150 / 75	50
11 x 1.0	1009	2018	1283	1283	1283	1486	0	100 / 50	
12 x 1.0	962	1924 **	1074	1074	1074	0	2098	100 / 50	25
12 x 1.25	962	1924 **	1196	1196	1196	1415	2098	100 / 50	25
12 x 1.5	962	1924 **	1196	1196	1196	1415	2098	100 / 50	25
14 x 1.0	1238	2476	1619	1619	1619	1917	3127	100 / 50	25
14 x 1.25	1272	2543	1605	1605	1605	1891	3127	100 / 50	25
14 x 1.5	1196	2392 **	1605	1605	1605	1891	3127	100 / 50	25
15 x 1.0	1455	2911	1721	1721	1721	2016	0	100 / 50	
15 x 1.5	1238	2476	1605	1605	1605	1872	0	100 / 50	
16 x 1.0	1238	2476	1721	1721	1721	2016	3127	100 / 50	25
16 x 1.5	1196	2392 **	1605	1605	1605	1872	3127	100 / 50	25
18 x 1.0	2377	4755	2972	2972	2972	3571	4688	45 / 23	20
18 x 1.5	2219	4439 **	2848	2848	2848	3357	4688	45 / 23	20
18 x 2.0	2219	4439	2848	2848	2848	3357	4688	45 / 23	20
20 x 1.0	2943	5886 **	3711	3711	3711	4525	0	45 / 23	
20 x 1.5	2756	5512 **	3711	3711	3711	4386	6008	45 / 23	20
20 x 2.0	2756	5512 **	3711	3711	3711	4386	6008	45 / 23	20
22 x 1.0	3331	6662	3711	3711	3711	4770	0	45 / 23	
22 x 1.5	2995	5990 **	3711	3711	3711	4540	6379	45 / 23	20
22 x 2.0	2995	5990	3711	3711	3711	4540	6379	45 / 23	20
24 x 1.0	3390	6780	4300	4300	4300	5315	0	25 / 13	
24 x 1.5	3390	6780 **	4300	4300	4300	5065	7585	25 / 13	20
24 x 2.0	3390	6780 **	4300	4300	4300	5065	7585	25 / 13	20
25 x 1.5	3747	7495	5597	5597	5597	6607	8528	25 / 13	20
25 x 2.0	3747	7495	5597	5597	5597	6607	0	25 / 13	
26 x 1.5	3769	7537	5524	5524	5524	6520	0	25 / 13	
26 x 2.0	3769	7537	5524	5524	5524	6520	0	25 / 13	
27 x 1.5	5032	10064	6607	6607	6607	7797	10749	25 / 13	20
27 x 2.0	5032	10064 **	6607	6607	6607	7797	0	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	5032	10064	7139	7139	7139	8375	13386	25 / 13	20
28 x 2.0	5032	10064	7139	7139	7139	8375	0	25 / 13	
30 x 1.0	5677	11355	7647	7647	7647	8993	0	25 / 13	
30 x 1.5	5677	11355 **	7434	7434	7434	8769	13386	25 / 13	20
30 x 2.0	5677	11355 **	7434	7434	7434	8769	13386	25 / 13	20
30 x 3.0	5677	11355	-	6627	7434	8769	-	25 / 13	-
32 x 1.5	5972	11945	-	-	8216	9808	-	25 / 13	-
32 x 2.0	5972	11945	-	-	8216	9808	-	25 / 13	-
33 x 1.5	6920	13839	-	-	8993	10670	14852	25 / 13	20
33 x 2.0	6920	13839 **	-	-	8993	10670	14852	25 / 13	20
33 x 3.0	6920	13839	-	-	8993	10670	-	25 / 13	-
35 x 1.5	9591	19181	-	-	12498	-	-	20 / 10	-
36 x 1.5	9591	19181 **	-	-	12498	-	-	20 / 10	-
36 x 2.0	9591	19181 **	-	-	12498	-	-	20 / 10	-
36 x 3.0	9591	19181	-	-	12498	-	-	20 / 10	-
39 x 1.5	11977	23954	-	-	15181	-	-	20 / 10	-
39 x 2.0	11977	23954	-	-	15181	-	-	20 / 10	-
39 x 3.0	11977	23954	-	-	15181	-	-	20 / 10	-
40 x 1.5	12101	24201	-	-	16342	-	-	15 / 8	-
40 x 2.0	12693	25385	-	-	16342	-	-	15 / 8	-
40 x 3.0	13275	26550	-	-	16342	-	-	15 / 8	-
42 x 1.5	13275	26550	-	-	17237	-	-	15 / 8	-
42 x 2.0	13275	26550 **	-	-	17237	-	-	15 / 8	-
42 x 3.0	13275	26550	-	-	17237	-	-	15 / 8	-
42 x 4.0	13275	26550	-	-	17237	-	-	15 / 8	-
45 x 1.5	18411	36822	-	-	24049	-	-	15 / 8	-
45 x 2.0	18411	36822	-	-	24049	-	-	15 / 8	-
45 x 3.0	18411	36822	-	-	24049	-	-	15 / 8	-
45 x 4.0	18411	36822	-	-	24049	-	-	15 / 8	-
48 x 1.5	19183	38365	-	-	24917	-	-	10 / 5	-
48 x 2.0	19183	38365	-	-	24917	-	-	10 / 5	-
48 x 3.0	19183	38365 **	-	-	24917	-	-	10 / 5	-
48 x 4.0	19183	38365	-	-	24917	-	-	10 / 5	-
50 x 1.5	21148	42296	-	-	29004	-	-	10 / 5	-
50 x 2.0	21148	42296	-	-	29004	-	-	10 / 5	-
50 x 3.0	21148	42296	-	-	29004	-	-	10 / 5	-
52 x 1.5	23833	47665	-	-	30964	-	-	10 / 5	-
52 x 2.0	23833	47665	-	-	30964	-	-	10 / 5	-
52 x 3.0	23833	47665	-	-	30964	-	-	10 / 5	-
52 x 4.0	23833	47665	-	-	30964	-	-	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	364	1093	150 / 50	1	3390	10171	20 / 7
1/4	372	1115	150 / 50	1.1/8	4599	13797	20 / 7
5/16	431	1292	100 / 34	1.1/4	5542	16625	20 / 7
3/8	511	1534	100 / 34	1.3/8	7150	21450	20 / 7
7/16	660	1981	100 / 34	1.1/2	8577	25730	20 / 7
1/2	833	2498	100 / 34	1.5/8	10053	30158	10 / 4
9/16	1209	3627	100 / 34	1.3/4	11760	35280	10 / 4
5/8	1209	3627	100 / 34	2	16857	50572	10 / 4
11/16	1942	5827	35 / 12	2.1/4	25194	75582	5 / 2
3/4	1942	5827	35 / 12	2.1/2	33065	99195	5 / 2
13/16	2292	6875	35 / 12	2.3/4	41262	123787	3 / 1
7/8	2636	7907	35 / 12	3	55373	166119	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	784	50	5/8	2679	25	1.1/4	11748	15
5/16	889	50	11/16	3454	20	1.3/8	14475	15
3/8	1090	50	3/4	4097	20	1.1/2	17365	15
7/16	1462	50	7/8	5544	20	1.3/4	24419	10
1/2	1820	25	1	7223	15	2	34485	10
9/16	2679	25	1.1/8	9742	15	-	-	-

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

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



HSS GROUND THREAD HAND TAPS

BSP (PARALLEL)

BSP (TAPER) (RC-SERIES)

NPT, NPS, NPSF & NPTF

BS: 949 - 1951

BS: 949 (PART 3) - 1982

BS: 949 - 1969

Size Inch	BSP (P)		NPS		NPSF		BSPT		NPT		NPTF		MOQ
	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Individual Taps / Sets
1/16	-	-	-	-	-	-	-	-	752	1504 **	752	1504	100 / 50
1/8	544	1088 *	645	1289	781	1562	722	1445 **	752	1504	874	1747	100 / 50
1/4	845	1691 *	1116	2232	1364	2728	1301	2602 **	1366	2732 **	1649	3297	100 / 50
3/8	1243	2486 *	1376	2751	1649	3297	1742	3484 **	1820	3639 **	2018	4036	100 / 50
1/2	1814	3629 *	1986	3971	2395	4790	2532	5063 **	2645	5290 **	2940	5880	50 / 25
5/8	2058	4116 **	-	-	-	-	-	-	-	-	-	-	50 / 25
3/4	3062	6124 *	3253	6507	3882	7764	4269	8539	4456	8913 **	4800	9601	25 / 13
7/8	3804	7608	-	-	-	-	-	-	-	-	-	-	25 / 13
1	4835	9670 *	5482	10963	6561	13122	6637	13274 **	6957	13915 **	7467	14934	25 / 13
1.1/4	7259	14518 *	8471	16942	-	-	9498	18997 **	9954	19907 **	11001	22002	15 / 8
1.1/2	9045	18091 *	10569	21138	-	-	11777	23553 **	12328	24655 **	-	-	15 / 8
1.3/4	13879	27758	-	-	-	-	-	-	-	-	-	-	15 / 8
2	16246	32493 *	18892	37784	-	-	21257	42514	22267	44533 **	-	-	10 / 5
2.1/4	28098	56195	-	-	-	-	-	-	-	-	-	-	5 / 3
2.1/2	40265	80530	-	-	-	-	62407	124814	65368	130735	-	-	5 / 3
2.3/4	45252	90505	-	-	-	-	-	-	-	-	-	-	5 / 3
3	51013	102026	-	-	-	-	81345	162689	85221	170443	-	-	5 / 3
3.1/2	67030	134061	-	-	-	-	106923	213845	111969	223938	-	-	5 / 3
4	84346	168693	-	-	-	-	134400	268801	140790	281580	-	-	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"	1826	5479	50 / 25	1-1/4"	8626	25877	20 / 10
5/8"	2387	7162	50 / 25	1-1/2"	14568	43704	15 / 8
3/4"	3711	11132	25 / 13	2"	13874	41623	10 / 5
1"	5395	16184	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	427	1282	100 / 34	9/16	26	1688	5065	100 / 34
5/16	26	521	1562	100 / 34	9/16	26LH	1688	5065	100 / 34
3/8	26	666 **	1997	100 / 34	1	24	3330	9990	25 / 13
7/16	26	853	2558	100 / 34	1.37	24.00	6981	20942	15 / 8
1/2	26	1043	3128	100 / 34	1.37	24 LH	6981	20942	15 / 8

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



Tool Bits



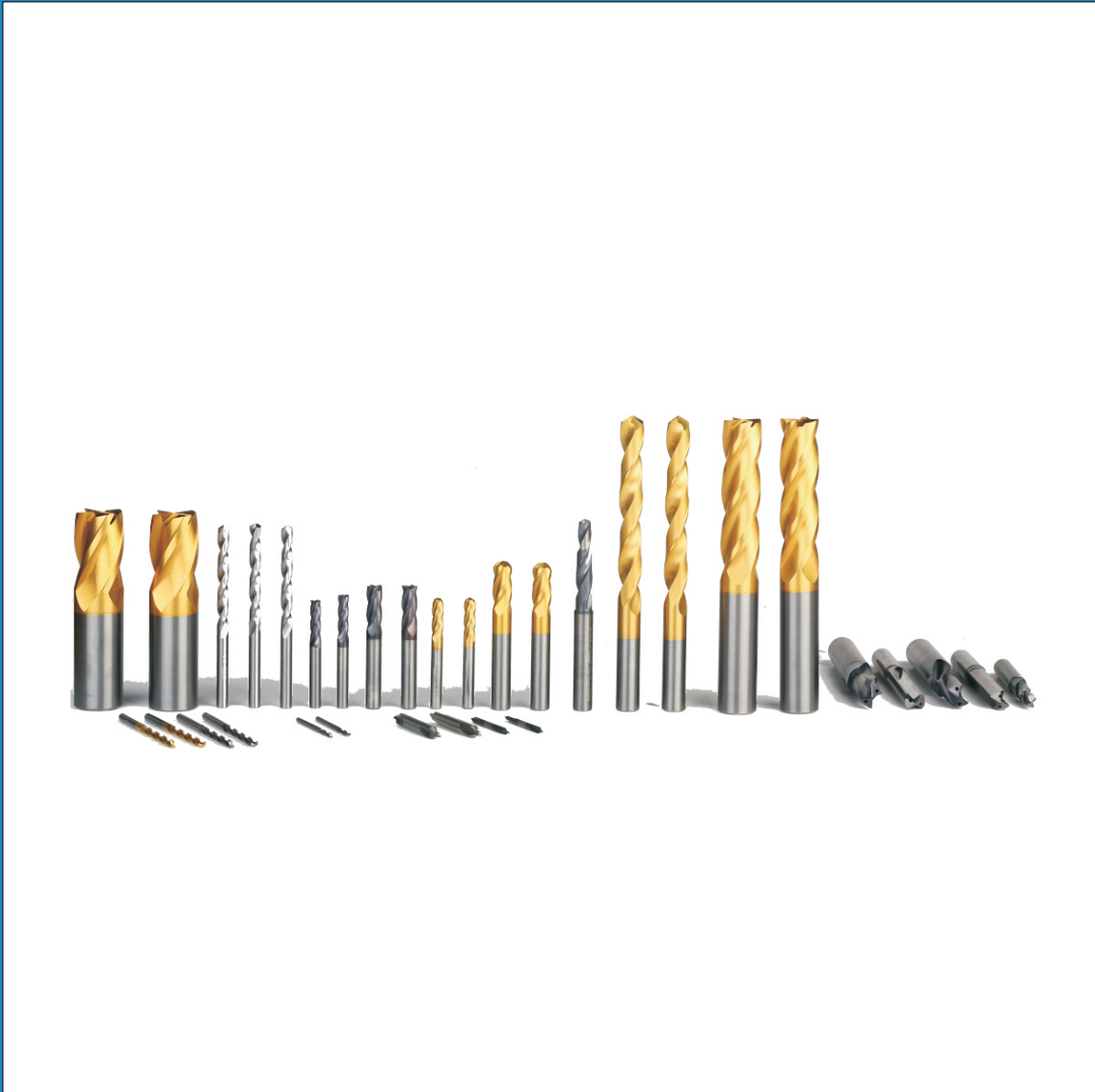
HSS TOOL HOLDER BITS SQUARE / ROUND

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	129	244	318	335	349	50
3/16 x 4	5 x 100	171	357	466	488	512	50
3/16 x 6	5 x 150	264	649	994	1050	1074	50
1/4 x 3	6 x 75	149 **	309	426	448	473	50
1/4 x 4	6 x 100	176 **	422	567	600 **	623	50
1/4 x 6	6 x 150	250 **	686	928	979 **	1012	50
1/4 x 8	6 x 200	360	1135	1575	1658	1736	50
5/16 x 3	8 x 75	164 **	403	552	581 **	618	50
5/16 x 4	8 x 100	215 **	555	754	793 **	842	50
5/16 x 6	8 x 150	354	887	1214	1273 **	1355	50
5/16 x 8	8 x 200	450 **	1265	1714	1805	1926	50
3/8 x 3	–	210 *	469	651	689 **	735	50
3/8 x 4	–	250 *	628	863	910 **	983	50
3/8 x 6	–	390 *	993	1388	1460 **	1554	50
3/8 x 8	–	536 *	1411	1971	2075 **	2208 **	50
3/8 x 10	–	686	1870	2610	2747	2924	50
–	10 x 75	228	512	711	748	799	50
–	10 x 100	273	686	957	1004	1073	50
–	10 x 150	424	1073	1498	1573	1671	50
–	10 x 200	591	1511	2104	2216	2356	50
–	10 x 250	750	1997	2785	2923	3109	50
1/2 x 3	12 x 75	309 **	741	1063	1122	1167	50
1/2 x 4	12 x 100	390 *	993	1063	1462 *	1562	50
1/2 x 6	12 x 150	599 *	1527	2181	2300 *	2402	50
1/2 x 8	12 x 200	789 *	2138	3046	3204 *	3350 **	50
1/2 x 10	12 x 250	1197	2993	4192	4414	4679	50
5/8 x 4	16 x 100	622 **	1638	2339	2461 **	2562	50
5/8 x 6	16 x 150	916 **	2461	3428	3607 **	3839	50
5/8 x 8	16 x 200	1238	3363	4805	5062 **	5256	50
3/4 x 4	–	859	2277	3215	3385	3566	50
3/4 x 6	–	1256 **	3411	4717	4968 **	5343	50
3/4 x 8	–	1719	4575	6468	6804	7167	50
–	20 x 100	939	2482	3508	3693	3881	50
–	20 x 150	1368	3716	5256	5532	5825	50
–	20 x 200	1869	4955	7011	7385	7766	50
1 x 6	25 x 150	2119	5669	7920	8336 **	8854	50
1 x 8	25 x 200	2880 *	7558	10559	11110 **	11815	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"	327		3	243	
1/8" x 3"	374		3.1	318	
9/64 x 3"	374		3.2	327	
5/32 x 3"	513		3.5	327	
11/34 x 3"	597		4	486	
3/16 x 3"	822		4.2	580	
13/64 x 3"	841		4.5	767	
7/32 x 3"	841		5	841	
1/4 x 3"	860		5.2	841	
17/64 x 3"	944		5.5	906	
9/32 x 3"	1299		6	1009	
19/64" x 3"	1299		6.5	1421	
5/16" x 3"	1421		6.8	1421	
21/64" x 3"	1570		6.9	1551	
11/32 x 3"	1635		7	1635	
23/64 x 3"	1635		7.2	1944	
3/8 x 3"	1776		7.5	2354	
25/64 x 3"	1915		8	2514	
13/32 x 3"	2243		8.5	2588	
27/64 x 3"	2392		8.9	2514	
7/16 x 3"	2392		9	2514	
15/32 x 3"	2392		9.1	2588	
1/2 x 3"	3027		9.5	2588	
			10	3289	



Carbide Tools



CARBIDE TIPPED STRAIGHT SHANK TWIST DRILLS
CARBIDE TIPPED TAPER SHANK TWIST DRILLS

IS.8307-1976 – GRADE OF TIP ISOIK-20
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		734 **	–	25		31/64	1560	2632	25
	1/8	734	–	25		1/2	1560 **	2632 **	25
3.5		758	–	25	13.0		1560 **	2632	25
	9/64	758	–	25		17/32	1684	3014	25
	5/32	760	–	25	14.0		1845 **	3014 **	20
4.0		760 **	–	25		9/16	1845	3014	20
	11/64	760	–	25	15.0		2068	3200	20
4.5		760 **	–	25		19/32	2068	3200	20
	3/16	829 **	–	25		5/8	2382	3462	20
5.0		829 **	–	25	16.0		2382 **	3462 **	20
	13/64	829	–	25		21/32	2504	3725	20
5.5		840 **	–	25	17.0		2504	3725 **	20
	7/32	840	–	25		11/16	2504	3725	20
	15/64	885	–	25	18.0		2755 **	4048 **	20
6.0		885 **	–	25		23/32	2755	4048	20
	1/4	899 **	–	25	19.0		3143	4328	20
6.5		899	–	25		3/4	3143	4979	20
	17/64	916	–	25		25/32	3564	4979	20
7.0		973 *	–	25	20.0		3564	4979 **	20
	9/32	973	–	25		13/16		5156	20
7.5		997 **	–	25	21.0			5156 **	20
	19/64	997	–	25		27/32		5156	20
	5/16	997 **	–	25	22.0			5402 **	20
8.0		997 **	–	25		7/8		5402	20
	21/64	1029	–	25	23.0			5704	20
8.5		1029 **	–	25		29/32		5704	20
	11/32	1063	–	25		15/16		5987	20
9		1063 **	–	25	24.0			5987	20
	23/64	1135	–	25		31/32		6206	20
9.5		1135	–	25	25.0			6206	20
	3/8	1142	1983	25		1		7625 **	20
	25/64	1142	1983	25	26.0			7625	15
10.0		1142 **	1983 **	25		1.1/32		7625	15
	13/32	1237	2216	25		1.1/16		7875	15
10.5		1237 **	2216	25	27.0			7875	15
	27/64	1253	2216	25		1.3/32		8290	15
11.0		1253 **	2216	25	28.0			8290	15
	7/16	1301	2423	25		1.1/8		8603	15
11.5		1301	2423	25	29.0			8603	15
	29/64	1301	2423	25		1.5/32		8603	15
	15/32	1404	2423	25	30.0			8854	15
12.0		1404 **	2423 **	25		1.3/16		8854	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	1983	25
	1/8	25	115	1	1983	25
3.5	9/64	25	115	1	1983	25
4	5/32	25	115	1	1983	25
4.5	11/64	28	118	1	1983	25
5	3/16	28	118	1	1983	25
5.5	13/64	32	122	1	1983	25
	7/32	32	122	1	1983	25
6	15/64	32	122	1	1983	25
	1/4	32	122	1	1983	25
6.5		32	122	1	1983	25
	17/64	40	130	1	1983	25
	9/32	40	130	1	1983	25
7.5	19/64	40	130	1	1983	25
8	5/16	40	130	1	1983	25
8.5	21/64	50	140	1	1983	25
9	11/32	50	140	1	1983	25
	23/64	50	140	1	1983	25
9.5	3/8	50	140	1	1983	25
	25/64	50	140	1	1983	25
31	1.7/32	125	275	4	9633	15
32	1.1/4	125	275	4	10046	15
33		125	275	4	10500	15
34	1.5/16	125	275	4	10866	15
35	1.3/8	125	275	4	11175	15
36		125	275	4	11543	15
37	1.7/16	125	275	4	11124	15
38	1.1/2	125	275	4	12272	15
39		125	275	4	12502	10
40	1.9/16	125	275	4	12760	10
41		125	275	4	13050	10
42	1.5/8	125	275	4	13420	10
43	1.11/16	125	275	4	13792	10
44		125	275	4	14151	10
45	1.3/4	125	275	4	14504	10
46	1.13/16	125	275	4	14941	10
47		125	275	4	14941	10
48	1.7/8	125	275	4	15161	10
49	1.15/16	125	275	4	15425	10
50		125	275	4	15680	10
	2	125	275	4	15955	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		5066	20	19.0		6599	20		1	7258	15
	1/2	5066	20		3/4	6599	20	26.0		7258	15
13.0		5066	20		25/32	6873	20		1.1/32	7258	15
	17/32	5285	20	20.0		6873	20	27.0		7258	15
14.0		5704	20		13/16	6873	20		1.1/16	7258	15
	9/16	5704	20	21.0		6873	20		1.3/32	7439	15
15.0		5704	20		27/32	6873	20	28.0		7439	15
	19/32	5704	20	22.0		6873	20		1.1/8	7545	15
	5/8	5902	20		7/8	6873	20		1.5/32	7545	15
16.0		5902	20	23.0		6873	20	30.0		7545	15
	21/32	5902	20		29/32	6873	20		1.3/16	7545	15
17.0		5902	20		15/16	7258	20		1.7/32	7764	15
	11/16	5902	20	24.0		7258	20		1.1/4	7764	15
18.0		6599	20		31/32	7258	20	32.0		7764	15
	23/32	6599	20	25.0		7258	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	6659	10	45.0		7135	10		2.3/4	10079	4
32.0		6659	10	46.0		7439	7	71.0		10706	4
33.0		6659	10		1-13/16	7439	7		2.7/8	10706	4
	1.5/16	6659	10	47.0		7439	7	76.0		11024	4
34.0		6659	10		1.7/8	7439	7		3	11024	4
	1.3/8	6659	10	48.0		7439	7	77.0		11024	4
35.0		6659	10	49.0		7439	7	78.0		11024	4
36.0		6796	10		1-15/16	7439	7		3.1/8	11024	4
	1.7/16	6796	10	50.0		7439	7		3.1/4	11024	4
37.0		6796	10		2	7764	7		3.3/8	11309	4
38.0		6873	10	51.0		7764	7	86.0		11309	4
	1.1/2	6873	10	52.0		7764	7	87.0		11309	4
39.0		6873	10		2.1/8	7764	7		3.1/2	11309	4
	1.9/16	6873	10	56.0		8111	4	91.0		11953	4
40.0		6873	10	57.0		8111	4	92.0		11953	4
41.0		7135	10		2.1/4	8111	4		3.5/8	11953	4
	1.5/8	7135	10		2.3/8	8111	4	93.0		11953	4
42.0		7135	10	61.0		10079	4	94.0		11953	4
	1.11/16	7135	10		2.1/2	10079	4		3.3/4	11953	4
43.0		7135	10	66.0		10079	4		3.7/8	11953	4
44.0		7135	10		2.5/8	10079	4		4	11953	4
	1.3/4	7135	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		3879	20		3/8	4159	20
	1/4	3879	20	10.0		4159 **	20
7.0		3879	20		13/32	4159	20
	9/32	3879	20	11.0		4159	20
	5/16	3612	20		7/16	4159	20
8.0		3612	20		15/32	4582	20
	11/32	3612	20	12.0		4582	20
9.0		3612	20		1/2	4582	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		3879	20		11/16	5456	10
	1/4	3879	20	18.0		5456	10
7.0		3879	20		23/32	5456	10
	9/32	3879	20	19.0		5456	10
	5/16	3612	20		3/4	5456	10
8.0		3612	20		25/32	5456	10
	11/32	3612	20	20.0		5456	10
9.0		3612	20		13/16	5456	10
	3/8	4159	20	21.0		6070	10
10.0		4159 **	20		27/32	6070	10
	13/32	4159	20	22.0		6070	10
11.0		4159	20		7/8	6070	10
	7/16	4159	20	23.0		6070	10
	15/32	4582	20		29/32	6158	10
12.0		4582	20	24.0		7802	10
	1/2	4582	20	25.0		7802	10
13.0		4582	20		1	7802	10
	17/32	4809	20	26.0		7802	10
14.0		4809	10	27.0		7950	10
	9/16	4809	10	28.0		7950	10
15.0		4809	10	29.0		7950	10
	19/32	5456	10	30.0		8014	10
	5/8	5456	10			8014	10
16.0		5456	10	31.0		8014	10
	21/32	5456	10	32.0		8014	10
17.0		5456	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		6599	3	36.0		10500	3
	3/4	6599	3		1.7/16	10500	3
	13/16	7210	3	38.0		10589	3
21.0		7210	3		1.1/2	10589	3
22.0		7210	3	39.0		10589	3
	7/8	7210	3		1.9/16	10589	3
	15/16	7258	3	41.0		12334	3
24.0		7258	3		1.5/8	12334	3
25.0		8434	3	42.0		12334	3
	1	8434	3		1.11/16	12334	3
	1.1/16	8480	3	43.0		12334	3
27.0		8480	3	44.0		12334	3
	1.1/8	10027	3		1.3/4	12334	3
29.0		10027	3		1-13/16	12334	3
30.0		10027	3	47.0		12829	3
	1.3/16	10245	3		1.7/8	12829	3
	1.1/4	10027	3	48.0		12829	3
32.0		10027	3	49.0		12829	3
33.0		10027	3		1-15/16	12829	3
	1.5/16	10056	3	50.0		12829	3
	1.3/8	10500	3		2	12829	3
35.0		10500	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	2881	25		1/2	3073	25
8.0		2881	25		5/8	3249	20
	3/8	2889	25	16.0		3249	20
10.0		2889	25		3/4	3788	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		3788	25	25.0		4505	20
	1/2	3788	25		1	4505	20
	5/8	3946	20		1-1/4	7258	15
16.0		3946	20	32.0		7258	15
	3/4	4418	20		1-1/2	8775	15
20.0		4418	20	40.0		8775	15



CARBIDE TIPPED STRAIGHT SHANK SLOT DRILLS (BRAZED TYPE)				IS : 9325 – 1979 GRADE OF TIP ISO K – 20			
Size		Price Per Piece (Rs.)	MOQ (No.)	Size		Price Per Piece (Rs.)	MOQ (No.)
mm	Inch			mm	Inch		
8.0	5/16	2423	70		9/16	3129	100
		2423	70		5/8	3725	60
	3/8	2494	70	16.0		3725	60
10.0		2494	70		11/16	3768	60
	7/16	2686	70	18.0		3768	60
12.0		2686	100		3/4	3825	60
	1/2	2686	100	20.0		3825	60
14.0		3129	100				

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

CARBIDE TIPPED TAPER SHANK SLOT DRILLS (WITH TAPPED END)				IS : 9326 – 1979 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		4141	100	20.0		5331	50
	1/2	4141	100	22.0		5609	20
14.0		4558	100		7/8	5609	20
	9/16	4558	100	25.0		5609	20
	5/8	5218	70		1	5609	20
16.0		5218	70	28.0		5652	15
	11/16	5260	50		1-1/8	5652	15
18.0		5260	50		1-1/4	5652	15
	3/4	5331	50	32.0		5652	15

CARBIDE TIPPED SIDE & FACE CUTTERS (BRAZED TYPE)				DIN : 8047 – 1956 GRADE OF TIP : ISO K – 20			
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	9456	3	100 x 12	4 x 1/2	11878	3
80 x 8.0	3 x 5/16	9792	3	100 x 16	4 x 5/8	12801	3
80 x 10	3 x 3/8	10038	3	125 x 12	5 x 1/2	13353	3
100 x 8.0	4 x 5/16	10929	3	125 x 14	5 x 9/16	14401	3
100 x 10	4 x 3/8	11291	3	125 x 16	5 x 5/8	14859	3

CARBIDE TIPPED SHELL END MILLS (BRAZED TYPE)				DIN : 8056 – 1980 GRADE OF TIP : ISO K – 20			
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	3733	6		3	7715	3
40.0		3733	6	80.0		7715	3
50.0		3854	6	100		11908	3
	2	3854	6		4	10664	3
63.0		5720	3	125		15370	3
	2-1/2	5720	3		5	15370	3

CARBIDE TIPPED FACE MILL CUTTERS (BRAZED TYPE)				TO ADDISON STANDARD GRADE OF TIP : ISO K – 20			
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		5609	3	80		7524	3
	2-1/2	5609	3	100		11612	3
	3	7524	3		4	11612	3

Our Manufacturing Range

HSS DRILLS



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**'TURBO'[®]
MASONRY DRILLS**



HSS REAMERS



HSS TAPS



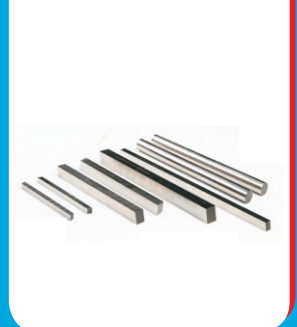
HSS END MILLS



HSS MILLING CUTTERS



HSS TOOL BITS



**ADDISON junior[®]
BI-METAL BAND
SAW BLADES**



HSS BROACHES & HOBS



SOLID CARBIDE TOOLS

