



Price List - MC 47

(With effect from 09th August 2021)



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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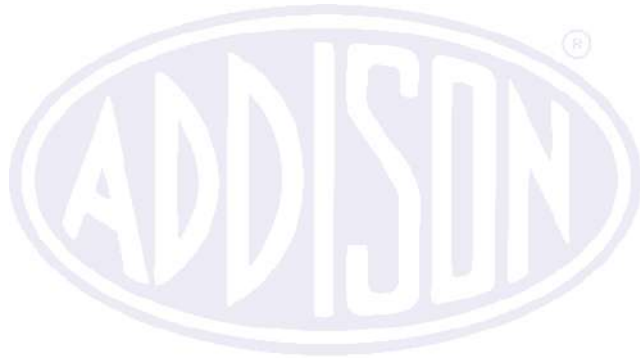
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Drills



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				3341	3397						200
0.4				3341	3397						200
0.5				3341	3397						200
0.6				3341	3397						200
0.7				1908	1940						200
0.8				1908 **	1940						200
0.9				1908 **	1940						200
1.0			489 *	466	474	810	600	960			200
(1.02)		60	489	466	474						200
(1.04)		59	489	466	474						200
(1.07)		58	489	466	474						200
(1.09)		57	489	466	474						200
1.10			489 **	466	474	810	600	960			200
(1.18)		56	489	466	474						200
(1.19)	3/64		489	466	474		600				200
1.20			489 **	466 **	474	810	600	960			200
1.30			489 **	466	474	810	600	960			200
(1.32)		55	489	466	474						200
1.40		54	489 **	466 **	474	810	600	960			200
1.50			464 *	442	450	810	569	960			200
(1.51)		53	464	442	450						200
(1.59)	1/16		464	442	450		569				200
1.60			464 *	442 **	450	810	569	960			200
(1.61)		52	500	476	484						200
1.70			500 **	476	484	849	603	998			200
(1.70)		51	500	476	484						200
(1.78)		50	500	476	484						200
1.80			500 *	476	484	849	603	998			200
(1.85)		49	500	476	484						200
1.90			500 **	476 **	484	849	603	998			200
(1.93)		48	500	476	484						200
(1.98)	5/64		500	476	484		603				200
(1.99)		47	500	476	484						200
2.00			500 *	476 *	484	849	603	998			200
(2.06)		46	500	476	484						200
(2.08)		45	500	476	484						200
2.10			500 *	476 **	484	913	603	1063			200
(2.18)		44	500	476	484						200
2.20			500 *	476 **	484	913	603 **	1063			200
(2.26)		43	500	476	484						200
2.30			500 *	476	484	913	603	1063			200
(2.37)		42	500	476	484						200
(2.38)	3/32		500	476	484		603				200
2.40			500 *	476 **	484	913	603	1063			200
(2.44)		41	500	476	484						200
(2.49)		40	500	476	484						200
2.50			500 *	476	484	913	603	1063			200
(2.53)		39	500	476	484						200
(2.58)		38	500	476	484						200
2.60			500 *	476	484	913	603	1063			200
(2.64)		37	500	476	484						200
2.70			500 *	476 **	484	913	603	1063			200
(2.71)		36	500	476	484						200
(2.78)	7/64		500	476	484		615				200
(2.79)		35	546	520	529						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			546 *	520 **	529	964	615	1063	894	1401	200
(2.82)		34	546	520	529						200
(2.87)		33	546	520	529						200
2.90			546 *	520	529	964	615	1063	894	1401	200
(2.95)		32	546	520	529						200
3.00			546 *	520 *	529 **	964 **	682	1155	894	1401	200
(3.05)		31	651	620	631		816				200
3.10			651 *	620 **	631	1000	816	1205	1062	1468	200
(3.17)	1/8		651 *	620	631		816				200
3.20			674 *	642	654	1023	838	1239	1106	1502	200
(3.26)		30	674	642	654		838				200
3.30			674 *	642 **	654	1023	838	1239	1106	1502	200
3.40			674 *	642	654	1023	838	1239	1106	1502	200
(3.45)		29	674	642	654		838				200
3.50			674 *	642 *	654	1023	838	1239	1106	1502	200
(3.57)		28	674	642	654		838				200
(3.57)	9/64		674 *	642 **	654		838				200
3.60			953 *	908	923	1296	1195	1594	1564	1972	200
(3.66)		27	953	908	923		1195				200
3.70			953 *	908 **	923	1296	1195	1594	1564	1972	200
(3.73)		26	953	908	923		1195				200
(3.80)		25	953 *	908	923		1195				200
3.80			953	908 **	923	1296	1195	1594	1564	1972	200
(3.86)		24	953	908	923		1195				200
3.90			953 *	908	923	1296	1195	1594	1564	1972	200
(3.91)		23	953	908	923		1195				200
(3.97)	5/32		953 *	908 **	923		1195				200
(3.99)		22	953	908	923		1195				200
4.00			953 *	908 *	923	1296	1195	1594	1564	1972	200
(4.04)		21	1162	1107	1127		1442				200
(4.09)		20	1162	1107	1127		1442				200
4.10			1162 *	1107 *	1127	1500	1442	1859	1887	2317	200
4.20			1162 *	1107 *	1127 **	1500	1442	1859	1887	2317	200
(4.22)		19	1162	1107	1127		1442				200
4.30			1162 *	1107 **	1127	1500	1442	1859	1887	2317	200
(4.30)		18	1162	1107	1127		1442				200
(4.37)	11/64		1162 *	1107	1127		1442				200
(4.39)		17	1162	1107	1127		1442				200
4.40			1162 *	1107 **	1127	1500	1442	1859	1887	2317	200
(4.50)		16	1523	1450	1476		1899				200
4.50			1523 *	1450 *	1476 **	1853	1899	2317	2479	2914	200
(4.57)		15	1523	1450	1476		1899				200
4.60			1523 **	1450	1476	1853	1899	2317	2479	2914	200
(4.62)		14	1523	1450	1476		1899				200
4.70		13	1523	1450	1476	1853	1899	2317	2479	2914	200
(4.76)	3/16		1523 *	1450 **	1476		1899				200
4.80		12	1523 *	1450 **	1476	1853	1899	2317	2479	2914	200
(4.85)		11	1651	1572	1600		2055				200
4.90			1651 *	1572 **	1600	1977	2055	2489	2693	3132	200
(4.92)		10	1651 **	1572	1600		2055				200
(4.98)		9	1651	1572	1600		2055				200
5.00			1651 *	1572 *	1600 **	1977	2055 **	2489	2693	3132	200
(5.06)		8	1651	1572	1600		2055				100
5.10			1651 *	1572 **	1600	1977	2055	2489	2693	3132	100
(5.11)		7	1651	1572	1600		2055				

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		1651 *	1572 *	1600		2055				100
(5.18)		6	1651	1572	1600		2055				100
5.20			1651 *	1572 *	1600	1977	2055	2489	2693	3132	100
(5.22)		5	1778	1678	1707		2202				100
5.30			1778 *	1678	1707	2083	2202	2636	2878	3329	100
(5.31)		4	1778 **	1678	1707		2202				100
5.40			1778 **	1678 **	1707	2083	2202	2636	2878	3329	100
(5.41)		3	1778	1678	1707		2202				100
5.50			1778 *	1678 *	1707 **	2083	2202	2636	2878	3329	100
(5.56)	7/32		1778 *	1678 **	1707		2202				100
5.60			1778	1678	1707	2083	2202	2636	2878	3329	100
(5.61)		2	2000	1886	1920		2479				100
5.70			2000	1886	1920	2297	2479	2909	3242	3694	100
(5.79)		1	2000 **	1886	1920		2479				100
5.80			2000 *	1886	1920	2297	2479	2909	3242	3694	100
5.90			2000 *	1886	1920	2297	2479	2909	3242	3694	100
(5.94)		A	2000	1886	1920		2479				100
(5.95)	15/64		2000	1886	1920		2479				100
6.00			2000 *	1886	1920 **	2297	2479	2909	3242	3694	100
(6.04)		B	2173	2050 *	2087		2701				100
6.10			2173 *	2050	2087	2578	2701	3239	3531	4091	100
(6.15)		C	2173	2050	2087		2701				100
6.20			2173 *	2050 **	2087	2578 **	2701	3239	3531	4091	100
(6.25)		D	2173	2050	2087		2701				100
6.30			2173 *	2050	2087	2578 **	2701	3239	3531	4091	100
(6.35)	1/4	E	2173 *	2050 *	2087		2701				100
6.40			2173 *	2050 **	2087	2578	2701	3239	3531	4091	100
6.50			2779 *	2621 *	2668 **	3164	3442	3636	4494	5090	100
(6.53)		F	2779	2621	2668		3442				100
6.60			2779 **	2621 **	2668	3210	3442	4057	4494	5147	100
(6.63)		G	2779	2621	2668		3442				100
6.70			2779 *	2621 **	2668	3210	3442	4057	4494	5147	100
(6.75)	17/64		2779 *	2621 **	2668		3442				100
(6.75)		H	2779	2621	2668		3442				100
6.80			2779 *	2621 *	2668 **	3210	3442	4057	4494	5147	100
6.90			3045 *	2873 **	2924	3468	3762	4398	4925	5580	100
(6.90)		I	3045	2873	2924		3762				100
7.00			3045 *	2873 *	2924	3468	3762	4398	4925	5580	100
(7.03)		J	3045	2873	2924		3762				100
7.10			3045 *	2873 **	2924	3468	3762	4398	4925	5580	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	3045	2873	2924		3762				100
(7.14)	9/32		3045 *	2873 **	2924		3762				100
7.20			3045 *	2873	2924	3468	3762	4398	4925	5580	100
7.30			3208 *	3026	3080	3625	3974	4614	5201	5864	100
(7.37)		L	3208	3026	3080		3974				100
(7.40)			3208 **	3026 **	3080	3625	3974 **	4614	5201	5864	100
(7.49)		M	3208	3026	3080		3974				100
7.50			3208 **	3026 **	3080	3625	3974	4614	5201	5864	100
(7.54)	19/64		3476	3279	3338		4305				100
7.60			3476 **	3279	3338	4042	4305	5103	5623	6454	100
(7.67)		N	3476	3279	3338		4305				100
7.70			3476	3279 **	3338	4042	4305	5103	5623	6454	100
7.80			3476 *	3279 **	3338	4042	4305	5103	5623	6454	100
7.90			3476 **	3279	3338	4042	4305	5103	5623	6454	100
(7.94)	5/16		3813 *	3597 *	3661		4726				100
8.00			3813 *	3597 *	3661	4369	4726	5534	6176	7023	100
(8.03)		O	3813	3597	3661		4726				100
8.10			3813 *	3597	3661	4369	4726	5534	6176	7023	100
8.20			3813 *	3597	3661	4369	4726	5534	6176	7023	100
(8.20)		P	3813	3597	3661		4726				100
8.30			4626 *	4364 **	4442	5158 *	5721	6568	7482	8363	100
(8.33)	21/64		4626 *	4364 **	4442		5721				100
8.40			4626 *	4364 **	4442	5158	5721	6568	7482	8363	100
(8.43)		Q	4626	4364	4442		5721				100
8.50			4626 *	4364 *	4442 **	5158	5721	6568	7482	8363	100
8.60			4626 *	4364 **	4442	5472	5721	6875	7482	8681	100
(8.61)		R	4626	4364	4442		5721				100
8.70			4626 *	4364 **	4442	5472	5721	6875	7482	8681	100
(8.73)	11/32		4870 *	4594	4677		6032				100
8.80			4870 *	4594 **	4677	5708	6032	7193	7879	9092	100
(8.84)		S	4870	4594	4677		6032				100
8.90			4870 **	4594	4677	5708	6032	7193	7879	9092	100
9.00			4870 *	4594 *	4677	5708	6032	7193	7879	9092	100
(9.09)		T	5080	4793	4878		6297				100
9.10			5080 *	4793	4878	5913	6297	7467	8223	9444	100
(9.13)	23/64		5080	4793	4878		6297				100
9.20			5080 *	4793	4878	5913	6297	7467	8223	9444	100
9.30			5080 **	4793 **	4878	5913	6297	7467	8223	9444	100
(9.34)		U	5080	4793 *	4878		6297				100
9.40			5080 **	4793 **	4878	5913	6297	7467	8223	9444	100
9.50			5080 *	4793 *	4878	5913	6286	7467	8223	9444	100
(9.52)	3/8		5754 *	5428 **	5525		7139				100
(9.58)		V	5754	5428	5525		7139				100
9.60			5754 *	5428 **	5525	6723	7139	8490	9318	10727	100
9.70			5754 *	5428	5525	6723	7139	8490	9318	10727	100
9.80			5754 *	5428 **	5525	6723	7139	8490	9318	10727	100
(9.80)		W	5754	5428	5525		7139				100
9.90			6439 **	6075	6183	7387	7991	9352	10437	11864	100
(9.92)	25/64		6439 **	6075	6183		7991				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			6439 *	6075 *	6183	7387	7979 **	9352	10437	11864	100
(10.08)		X	6439	6075	6183		7991				100
10.10			6439 *	6075 **	6183	7916	7991	10034	10437	11864	100
10.20			6439 *	6075 *	6183 **	7916	7979	10034	10437	11864	100
(10.26)		Y	6987	6591	6709		8655				100
10.30			6987 *	6591	6709	7916	8655	10034	11310	12761	100
(10.32)	13/32		6987 *	6591	6709		8655				100
10.40			6987 *	6591	6709	7916	8655	10034	11310	12761	100
(10.49)		Z	6987	6591	6709		8655				100
10.50			6987 *	6591 **	6709	7916	8655	10034	11310	12761	100
10.60			6987 *	6591	6709	8411	8655	10670	11310	12875	100
10.70			7393 *	6975	7099	8411	9164	10670	11974	13556	50
(10.72)	27/64		7393 **	6975	7099		9164				50
10.80			7393 *	6975	7099	8411	9164	10670	11974	13556	50
10.90			7393 *	6975 **	7099	8411	9164	10670	11974	13556	50
11.00			7393 *	6975 **	7099	8411	9164	10670	11974	13556	50
11.10			8253 **	7786	7925	9684	10227	12329	13358	14977	50
(11.11)	7/16		8253 *	7786 **	7925		10227				50
11.20			8253	7786	7925	9684	10227	12329	13358	14977	50
11.30			8253 **	7786	7925	9684	10227	12329	13358	14977	50
11.40			8253	7786	7925	9684	10227	12329	13358	14977	50
11.50			8707 *	8214 **	8361	9684	10780	12329	14089	15727	50
(11.51)	29/64		8707 **	8214	8361		10780				50
11.60			8707 **	8214	8361	10258	10780	13091	14089	15727	50
11.70			8707 **	8214	8361	10258	10790	13091	14089	15727	50
11.80			8707 *	8214	8361	10258	10790	13091	14089	15727	50
11.90			9300	8773	8930	10258	11521	13091	15051	16716	50
(11.91)	15/32		9300 **	8773	8930		11521				50
12.00			9300 *	8773 *	8930	10258	11510	13091	15051	16716	50
12.10			9300 *	8773	8930	10810	11521	13807	15051	16716	50
12.20			9300 *	8773	8930	10810	11521	13807	15051	16716	50
12.30			9869 **	9310	9476	10810	12219	13807	15958	17659	50
(12.30)	31/64		9869	9310	9476		12219				50
12.40			9869 **	9310	9476	10810	12219	13807	15958	17659	50
12.50			9869 *	9310 *	9476	10810	12219	13807	15958	17659	50
12.60			9869 **	9310	9476	11597	12219	14773	15958	17920	50
(12.70)	1/2		10416 *	9826 *	10002	11597	12893	14773	16856	18830	50
12.80			10416 **	9826 **	10002	11597	12893	14773	16856	18830	50
12.90			10416 **	9826	10002	11597	12893	14773	16856	18830	50
13.00			10416 *	9826 *	10002	11597	12893	14773	16856	18830	50
(13.10)	33/64		12949	12216	12434						20
13.10			12949 **	12216	12434						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			12949 **	12216	12434						20
13.30			12949 **	12216	12434						20
13.40			12949 **	12216	12434						20
(13.49)	17/32		13786 **	13006 **	13238						20
13.50			13786 *	13006 **	13238	15179					20
13.60			13786	13006	13238						20
13.70			13786 **	13006	13238						20
13.80			13786 **	13006	13238						20
(13.89)	35/64		14960	14113	14365						20
13.90			14960	14113	14365						20
14.00			14960 *	14113	14365	16317					20
14.25			14960	14113	14365						20
(14.29)	9/16		15693 **	14804	15069						20
14.50			15693	14804	15069	17026					20
(14.68)	37/64		16913	15956	16241						20
14.75			16913	15956	16241						20
15.00			16913 **	15956	16241	18209					20
(15.08)	19/32		16913	15956	16241						20
15.25			16913	15956	16241						20
(15.48)	39/64		18332	17294	17603						20
15.50			18332 **	17294	17603	19785					20
15.75			18332	17294	17603						20
(15.87)	5/8		18332	17294	17603						20
16.00			18332 *	17294	17603	19785					20
16.50			18924 **	17853	18172	21203					20
(16.67)	21/32		18924	17853	18172						20
17.00			19390 **	18292	18619	21642					20
(17.46)	11/16		19390 **	18292	18619						20
17.50			20587 **	19421	19768	23027					20
18.00			20971 *	19784	20137	23398					20
(18.26)	23/32		20971	19784	20137						20
18.50			21970 **	20726	21096	24356					20
19.00			22191 **	20935	21309	24570					20
(19.05)	3/4		22191	20935	21309						20
19.50			24957 **	23545	23965	27249					20
(19.84)	25/32		24957	23545	23965						20
20.00			26504 *	25004	25450	28747					20
(20.64)	13/16		26504	25004	25450						20
(21.43)	27/32		28189	26593	27068						20
(22.22)	7/8		28189	26593	27068						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. 10,967/-

25 Pieces set with Telescopic Box Rs. 9,761/-

1 mm to 13 mm in steps of 1 mm

13 Pieces Set Telescopic Box Rs. 5,141/-



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		520 **	200	9.20		4343	100	16.25		14838	50
(3.17)	1/8	609 *	200	9.50		4343	100	16.50		14838	50
3.20		632	200	(9.52)	3/8	4540 **	100	(16.67)	21/32	14838	50
3.50		632	200	9.80		4540	100	16.75		15133	50
(3.57)	9/64	632 **	200	(9.92)	25/64	5560	100	17.00		15133	50
3.80		875	200	10.00		5560 **	100	17.25		15407	50
(3.97)	5/32	875 *	200	10.20		5560	100	(17.46)	11/16	15407	50
4.00		875 **	200	(10.32)	13/32	5976	100	17.50		15407	50
4.20		974	200	10.50		5976	100	17.75		15616	50
(4.37)	11/64	974	200	(10.72)	27/64	6734	50	18.00		15616 **	50
4.50		1295	200	10.80		6734	50	18.25		15891	50
(4.76)	3/16	1295 **	200	11.00		6734	50	(18.26)	23/32	15891	50
4.80		1295 **	200	(11.11)	7/16	7019	50	18.50		15891	50
5.00		1372 *	200	11.20		7019	50	18.75		16176	50
(5.16)	13/64	1372 **	100	11.50		7501	50	19.00		16176	50
5.20		1372	100	(11.51)	29/64	7501	50	(19.05)	3/4	16176	50
5.50		1480	100	11.80		7501	50	19.25		16450	50
(5.56)	7/32	1480 **	100	(11.91)	15/32	7940	50	19.50		16450	50
5.80		1667	100	12.00		7940 *	50	19.75		16450	50
(5.95)	15/64	1667	100	12.20		7940	50	(19.84)	25/32	16450	50
6.00		1667 **	100	(12.3)	31/64	8631	50	20.00		16735 **	50
6.20		1864	100	12.50		8631	50	20.25		17074	50
(6.35)	1/4	1864 **	100	(12.70)	1/2	8817	50	20.50		17074	50
6.50		2292	100	12.80		8817	50	(20.64)	13/16	17074	50
(6.75)	17/64	2292 **	100	13.00		8817	50	20.75		17765	50
6.80		2292 **	100	13.20		10319	50	21.00		17765	50
7.00		2511 **	100	(13.49)	17/32	10319	50	21.25		17985	50
(7.14)	9/32	2511 **	100	13.50		10999	50	(21.43)	27/32	17985	50
7.20		2511	100	13.80		10999	50	21.50		18588	50
7.50		2609	100	14.00		11975	50	21.75		18829	50
(7.54)	19/64	2873	100	14.25		11975	50	22.00		18829	50
7.80		2873	100	(14.29)	9/16	11975	50	(22.22)	7/8	18829	50
7.94	5/16	3158 *	100	14.50		12469	50	22.25		20025	50
8.00		3158 **	100	14.75		13489	50	22.50		20025	50
8.20		3158	100	15.00		13489	50	22.75		20299	50
(8.33)	21/64	3947	100	(15.08)	19/32	13489	50	23.00		20299	50
8.50		3947 **	100	15.25		13489	50	(23.02)	29/32	20299	25
(8.73)	11/32	4112	100	15.50		14597	50	23.25		21473	25
8.80		4112	100	15.75		14597	50	23.50		21473	25
9.00		4112	100	(15.87)	5/8	14597	50	23.75		21473	25
(9.13)	23/64	4343	100	16.00		14597	50	(23.81)	15/16	21473	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		23753	25	(28.57)	1.1/8	34369	25	(34.13)	1.11/32	55896	10
24.25		23753	25	29.00		36068	25	34.50		55896	10
24.50		23753	25	(29.37)	1.5/32	39709	25	(34.92)	1.3/8	55896	10
(24.61)	31/32	23753	25	29.50		39709	25	35.00		61467	10
24.75		26057	25	30.00		40237	25	35.50		62345	10
25.00		26057	25	(30.16)	1.3/16	40237	25	(35.72)	1.13/32	62345	10
25.25		26188	25	30.50		45281	25	36.00		62345	10
(25.40)	1	26188	25	(30.96)	1.7/32	45281	25	36.50		62345	10
25.50		29554	25	31.00		45281	25	(36.51)	1.7/16	62345	10
26.00		29554	25	31.50		45960	25	37.00		67006	10
(26.19)	1.1/32	30234	25	(31.75)	1.1/4	45960	10	(37.31)	1.15/32	68015	10
26.50		30234	25	32.00		46948	10	37.50		68015	10
(26.99)	1.1/16	30586	25	32.50		48418	10	38.00		68015	10
27.00		32230	25	(32.54)	1.9/32	48418	10	(38.10)	1.1/2	68015	10
27.50		32230	25	33.00		48418	10	38.50		75943	10
(27.78)	1.3/32	34106	25	(33.34)	1.5/16	48418	10	39.00		75943	10
28.00		34106	25	33.50		50929	10	39.50		77259	10
28.50		34369	25	34.00		50929	10	40.00		77259	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	266				50	(5.56)	7/32	91	139	495 **				50
1.10		37	60	266				50	5.80		91	139	539 **				50
(1.19)	3/64	41	65	266				50	(5.95)	15/64	91	139	539				50
1.20		41	65	266				50	6.00		91	139	539 *	673	711	742	50
1.30		41	65	266				50	6.20		97	148	614 **				50
1.40		45	70	266				50	(6.35)	1/4	97	148	559 **	706	755	804	50
1.50		45	70	266 *				50	6.50		97	148	783 **	985	1034	1084	50
(1.59)	1/16	50	76	266				50	(6.75)	17/64	102	156	942				50
1.60		50	76	266 **				50	6.80		102	156	942 **				50
1.70		50	76	266				50	7.00		102	156	942 *	1189	1272	1353	50
1.80		53	80	266				50	(7.14)	9/32	102	156	942				50
1.90		53	80	266 **				50	7.20		102	156	942				50
(1.98)	5/64	56	85	266				50	7.50		102	156	942 **	1189	1272	1353	50
2.00		56	85	266 *				50	(7.54)	19/64	109	165	942				50
2.10		56	85	266 **				50	7.80		109	165	942 **				50
2.20		59	90	266 **				50	(7.94)	5/16	109	165	971	1225	1315	1404	50
2.30		59	90	337 **				50	8.00		109	165	971 *	1225	1315	1404	50
(2.38)	3/32	62	95	337				50	8.20		109	165	971 **				50
2.40		62	95	337 **				50	(8.33)	21/64	109	165	971				50
2.50		62	95	337 *				50	8.50		109	165	980 *	1224	1324	1414	50
2.60		62	95	337 *				50	(8.73)	11/32	115	175	1029				50
2.70		66	100	337 **				50	8.80		115	175	1244				50
(2.78)	7/64	66	100	337				50	9.00		115	175	1081 **	1364	1453	1542	50
2.80		66	100	337				50	(9.13)	23/64	115	175	1222				50
2.90		66	100	337				50	9.20		115	175	1244				50
3.00		66	100	340 *	425	457	484	50	9.50		115	175	1081 **	1364	1453	1542	50
(3.17)	1/8	69	106	340 **	428	457	484	50	(9.52)	3/8	121	184	1081	1364	1453	1542	25
3.20		69	106	340 **				50	9.80		121	184	1250 **				25
3.50		73	112	340 *	429	457	484	50	(9.92)	25/64	121	184	1250				25
(3.57)	9/64	73	112	340				50	10.00		121	184	1132 **	1428	1547	1668	25
3.80		78	119	366				50	10.20		121	184	1250 **				25
(3.97)	5/32	78	119	366				50	(10.32)	13/32	121	184	1132				25
4.00		78	119	366 *	461	488	517	50	10.50		121	184	1358 **	1713	1833	1952	25
4.20		78	119	366 **				50	(10.72)	27/64	128	195	1543				25
(4.37)	11/64	82	126	366				50	10.8		128	195	1543				25
4.50		82	126	366 **	461	488	517	50	11.0		128	195	1421 **	1793	1913	2033	25
(4.76)	3/16	87	132	366 **	461	488	517	50	(11.11)	7/16	128	195	1421	1793	1913	2033	25
4.80		87	132	366				50	11.2		128	195	1652				25
5.00		87	132	431 *	544	575	606	50	11.5		128	195	1462	1844	1964	2084	25
(5.16)	13/64	87	132	431				50	(11.51)	29/64	128	195	1652				25
5.20		87	132	431 **				50	11.8		128	195	1652				25
5.50		91	139	495 **	624	655	686	50	(11.91)	15/32	134	205	1462				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	1506 **	1900	2026	2151	25	(18.65)	47/64	162	247	3059				25
12.2		134	205	1680				25	18.75		162	247	3090				25
(12.30)	31/64	134	205	1680				25	19.0		162	247	3090	3899	4156	4412	25
12.5		134	205	1506	1900	2026	2151	25	(19.05)	3/4	166	254	3090	3899	4156	4412	25
(12.70)	1/2	134	205	1506	1900	2026	2151	25	19.25		166	254	3266				25
12.8		134	205	2306				25	(19.45)	49/64	166	254	3568				25
13.0		134	205	2092 **	2637	2763	2889	25	19.5		166	254	3266	4120	4409	4696	25
(13.10)	33/64	134	205	2324				25	19.75		166	254	3266				25
13.2		134	205	2324				25	(19.84)	25/32	166	254	3266				25
(13.49)	17/32	140	214	2132				25	20.0		166	254	3465	4373	4660	4948	25
13.5		140	214	2324	2932 *	3124	3319	25	(20.24)	51/64	171	261	3680				25
13.8		140	214	2530				25	20.25		171	261	3465				25
(13.89)	35/64	140	214	2530				25	20.5		171	261	3465	4373	4660	4948	25
14.0		140	214	2324	2932	3124	3319	25	(20.64)	13/16	171	261	3465	4373	4660	4948	25
14.25		144	220	2324				25	20.75		171	261	3568				25
(14.29)	9/16	144	220	2324	2932	3124	3319	25	21.0		171	261	3568	4501	4826	5150	25
14.5		144	220	2436	3073	3284	3496	25	(21.03)	53/64	171	261	3904				25
(14.68)	37/64	144	220	2681				25	21.25		176	268	3680				25
14.75		144	220	2436				25	(21.43)	27/32	176	268	3680				25
15.0		144	220	2436	3073	3284	3496	25	21.5		176	268	3904	4925	5250	5576	25
(15.08)	19/32	149	227	2436				25	21.75		176	268	3904				25
15.25		149	227	2530				25	(21.83)	55/64	176	268	4175				25
(15.48)	39/64	149	227	2763				25	22.0		176	268	3904	4925	5250	5576	25
15.5		149	227	2530	3192	3402	3613	25	(22.22)	7/8	176	268	3904	4925	5250	5576	25
15.75		149	227	2530				25	22.25		176	268	4226				25
(15.87)	5/8	149	227	2530	3192	3402	3613	25	22.5		180	275	4226	5331	5730	6128	25
16.0		149	227	2571	3243	3452	3664	25	(22.62)	57/64	180	275	4515				25
16.25		154	235	2571				25	22.75		180	275	4323				25
(16.27)	41/64	154	235	2858				25	23.0		180	275	4323	5454	5851	6250	25
16.5		154	235	2617	3302	3526	3749	25	(23.02)	29/32	180	275	4323				25
(16.67)	21/32	154	235	2617				25	23.25		180	275	4381				25
16.75		154	235	2681				25	(23.42)	59/64	180	275	5161				25
17.0		154	235	2681	3383	3605	3829	25	23.5		180	275	4794	6048	6446	6845	25
(17.07)	43/64	158	241	2913				25	23.75		185	282	4794				25
17.25		158	241	2681				25	(23.81)	15/16	185	282	4794	6048	6498	6949	25
(17.46)	11/16	158	241	2681	3383	3605	3829	25	24.0		185	282	4998	6305	6755	7205	25
17.5		158	241	2858	3606	3829	4052	25	(24.21)	61/64	185	282	5455				25
17.75		158	241	2858				25	24.25		185	282	4998				25
(17.86)	45/64	158	241	3161				25	24.5		185	282	4998	6305	6755	7205	25
18.0		158	241	2913	3676	3900	4123	25	(24.61)	31/32	185	282	4998				25
18.25		162	247	2913				25	24.75		185	282	5358				25
(18.26)	23/32	162	247	2913				25	25.0	63/64	185	282	5358	6759	7210	7661	25
18.5		162	247	3034	3828	4086	4344	25	(25.40)	1	190	290	5428	6848	7479	8111	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	979 **	1199	1356	1613	1901	2373		50
3.5		953 **	1110	1429	1776	2137	2727		50
4	5/32	953 **	1110	1429 **	1776	2137	2727	3760	50
4.5		977	1199	1429	1776	2137	2807	3760	50
5	3/16	977 *	1248 **	1548 **	1900	2245 **	2975 **	3945	50
5.5	7/32	1068	1334	1792	2026	2390	3161	4112	25
6		1068 **	1392	1702 *	2062	2473 *	3238 **	4268 **	25
6.5	1/4			1743		2519	3392	4268	25
7				1934 **		2772	3833 **	4791	25
7.5	9/32			1969		2943 **	3904	4791	25
8	5/16			2065 *		3068 *	4000 *	4903 **	25
8.5	11/32			2132 *		3132 **	4073 **	5237	25
9				2132 **		3132 **	4073	5237	25
9.5	3/8			2245		3151	4162	5405	25
10				2337 **		3238 **	4348 **	5648	25
10.5	13/32			2417		3458	4511	5939	25
11						3578	4649	6128	25
11.5	7/16					3578	4649	6128	25
12	15/32					3756 **	4931 **	6288	25
12.5	1/2					3873	5089	6706	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	438 **			590	885	100
(3.17)	1/8	MT1	438			617	926	100
3.20		MT1	456			617	926	100
3.50		MT1	438			590	885	100
(3.57)	9/64	MT1	456			617	926	100
3.80		MT1	456			617	926	100
(3.97)	5/32	MT1	438			590	885	100
4.00		MT1	438			590	885	100
4.20		MT1	589 **			795	1191	100
(4.37)	11/64	MT1	589			795	1191	100
4.50		MT1	589 **			795	1191	100
(4.76)	3/16	MT1	589			817	1226	100
4.80		MT1	606			817	1226	100
5.00		MT1	589 *			795	1191	100
(5.16)	13/64	MT1	606			817	1226	100
5.20		MT1	606 **			817	1226	100
5.50		MT1	589 **			795	1191	100
(5.56)	7/32	MT1	589			817	1226	100
5.80		MT1	606			817	1226	100
(5.95)	15/64	MT1	606			817	1226	100
6.00		MT1	589 **			795	1191	100
6.20		MT1	679			916	1373	100
(6.35)	1/4	MT1	671			988	1482	100
6.50		MT1	732			988	1482	100
(6.75)	17/64	MT1	740 **			1000	1502	100
6.80		MT1	740 *			1000	1502	100
7.00		MT1	732			988	1482	100
(7.14)	9/32	MT1	732 **			1000	1502	100
7.20		MT1	740			1000	1502	100
7.50		MT1	732 **			988	1482	100
(7.54)	19/64	MT1	740			1000	1502	100
7.80		MT1	740			1000	1502	100
(7.94)	5/16	MT1	732			988	1482	100
8.00		MT1	732			988	1482	100
8.20		MT1	894 **			1206	1810	100
(8.33)	21/64	MT1	941			1102	1652	100
8.50		MT1	816 *			1102	1652	100
(8.73)	11/32	MT1	894			1326	1989	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	983 **			1326	1989	100
9.00		MT1	894 **			1206	1810	100
(9.13)	23/64	MT1	983			1326	1989	100
9.20		MT1	983 **			1326	1989	100
9.50		MT1	894 **			1206	1810	100
(9.52)	3/8	MT1	894			1206	1810	100
9.80		MT1	1054 **			1422	2134	100
(9.92)	25/64	MT1	1054			1287	1932	100
10.00		MT1	929 *	1161	1394	1254	1882	50
10.20		MT1	1043 *			1409	2114	50
(10.32)	13/32	MT1	1009 **			1671	2506	50
10.50		MT1	1237 *	1546	1856	1671	2506	50
(10.72)	27/64	MT1	1283			1731	2597	50
10.80		MT1	1283 **			1731	2597	50
11.00		MT1	1283 *	1603	1924	1731	2597	50
(11.11)	7/16	MT1	1283 **	1603	1924	1789	2684	50
11.20		MT1	1325			1789	2684	50
11.50		MT1	1325 *	1657	1987	1789	2684	50
(11.51)	29/64	MT1	1325			1789	2684	50
11.80		MT1	1325			1789	2684	50
(11.91)	15/32	MT1	1325 **			1808	2688	50
12.00		MT1	1338 *	1673	2009	1808	2711	50
12.20		MT1	1338 **			1808	2711	50
(12.30)	31/64	MT1	1338 **			1808	2711	50
12.50		MT1	1338 *	1673	2009	1808	2711	50
(12.70)	1/2	MT1	1338 *	1673	2009	2512	3767	50
12.80		MT1	1860			2512	3767	50
13.00		MT1	1860 *	2325	2789	2512	3767	50
(13.10)	33/64	MT1	1942 **			2621	3933	50
13.20		MT1	1942 **			2621	3933	50
(13.49)	17/32	MT1	1942 *			2807	4212	50
13.50		MT1	2079 *	2600	3120	2807	4212	50
13.80		MT1	2079 *			2807	4212	50
(13.89)	35/64	MT1	2079 **			2807	4212	50
14.00		MT1	2079 *	2600	3120	2807	4212	50
14.25		MT2	2234 *			3015	4525	50
(14.29)	9/16	MT2	2234 *	2793	3352	3015	4525	50
14.50		MT2	2323 *			3135	4703	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	2323			3135	4703	50
14.75		MT2	2323 *			3135	4703	50
15.00		MT2	2323 **	2904	3484	3135	4703	50
(15.08)	19/32	MT2	2323 *			3135	4703	50
15.25		MT2	2354 *			3179	4769	50
(15.48)	39/64	MT2	2354			3179	4769	50
15.50		MT2	2354 *	2944	3533	3179	4769	50
15.75		MT2	2354 **			3179	4769	50
(15.87)	5/8	MT2	2354 *	2944	3533	3274	4911	50
16.00		MT2	2425 *	3032	3639	3274	4911	50
16.25		MT2	2425 *			3274	4911	50
(16.27)	41/64	MT2	2425 **			3274	4911	50
16.50		MT2	2577 *	3220	3864	3477	5217	50
(16.67)	21/32	MT2	2577 **			3477	5217	50
16.75		MT2	2577 **			3477	5217	50
17.00		MT2	2577 *	3220	3864	3477	5217	50
(17.07)	43/64	MT2	2619			3477	5217	50
17.25		MT2	2619 *			3535	5303	50
(17.46)	11/16	MT2	2619 *	3274	3928	3668	5504	50
17.5		MT2	2718 *	3397	4077	3668	5504	50
17.75		MT2	2757 **			3722	5584	50
(17.86)	45/64	MT2	2864			3867	5799	50
18.00		MT2	2864 *	3581	4296	3867	5799	50
18.25		MT2	2864 *			3867	5799	50
(18.26)	23/32	MT2	2864 **			3867	5799	50
18.50		MT2	2864 *	3581	4296	3867	5799	50
(18.65)	47/64	MT2	2899 **			3913	5869	50
18.75		MT2	2899 **			3913	5869	50
19.00		MT2	2899 *	3623	4348	3913	5869	50
(19.05)	3/4	MT2	2899 *	3623	4348	3913	5869	50
19.25		MT2	3045 *			4111	6166	50
(19.45)	49/64	MT2	3045			4111	6166	50
19.50		MT2	3045 *	3807	4568	4111	6166	50
19.75		MT2	3045 **			4111	6166	50
(19.84)	25/32	MT2	3045			4419	6629	50
20.00		MT2	3274 *	4092	4910	4419	6629	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	3313			25
20.25		MT2	3313 *			25
20.50		MT2	3313 *	4141	4970	25
(20.64)	13/16	MT2	3313 **	4141	4970	25
20.75		MT2	3455 **			25
21.00		MT2	3455 *	4319	5183	25
(21.03)	53/64	MT2	3542			25
21.25		MT2	3542 **			25
(21.43)	27/32	MT2	3542 **			25
21.50		MT2	3651 *	4564	5477	25
21.75		MT2	3651			25
(21.83)	55/64	MT2	3719			25
22.00		MT2	3719 *	4648	5577	25
(22.22)	7/8	MT2	3719 *	4648	5577	25
22.25		MT2	4051			25
22.50		MT2	4051 *	5065	6078	25
(22.62)	57/64	MT2	4130			25
22.75		MT2	4130			25
23.00		MT2	4130 *	5163	6195	25
(23.02)	29/32	MT3	4332			25
23.25		MT3	4796 **			25
(23.42)	59/64	MT3	4918			25
23.50		MT3	4918	6147	7376	25
23.75		MT3	4918			25
(23.81)	15/16	MT3	4918	6147	7376	25
24.00		MT3	5063 *	6328	7593	25
(24.21)	61/64	MT3	5149			25
24.25		MT3	5149 **			25
24.50		MT3	5149 *	6435	7722	25
(24.61)	31/32	MT3	5149			25
24.75		MT3	5379 **			25
25.00		MT3	5379 *	6723	8069	25
(25.00)	63/64	MT3	5379			25
25.25		MT3	5451			25
(25.40)	1	MT3	5451 *	6814	8176	25
25.50		MT3	5925 *	7405	8887	25
25.75		MT3	5925			25
(25.80)	1.1/64	MT3	5989			25
26.00		MT3	5989 *	7486	8983	25
(26.19)	1.1/32	MT3	5989			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	1284	25	14		142	223	MT1	3737 **	25
5.2		74	155	MT1	1284	25	14.25		147	245	MT2	4664	25
5.5	(7/32)	80	161	MT1	1429	25	14.5	(9/16)	147	245	MT2	4664	25
5.8		80	161	MT1	1429	25	14.75		147	245	MT2	4766	25
6		80	161	MT1	1429	25	15		147	245	MT2	4766	25
6.2		86	167	MT1	1591	25	15.25		153	251	MT2	4877	25
6.5	(1/4)	86	167	MT1	1591	25	15.5		153	251	MT2	4877	25
6.8		93	174	MT1	1716	25	15.75		153	251	MT2	5000	25
7		93	174	MT1	1716	25	16	(5/8)	153	251	MT2	5000	25
7.2		93	174	MT1	1772	25	16.25		159	257	MT2	5089 **	25
7.5		93	174	MT1	1772	25	16.5		159	257	MT2	5089	25
7.8		100	181	MT1	1872	25	16.75		159	257	MT2	5197	25
8	(5/16)	100	181	MT1	1872 **	25	17		159	257	MT2	5197	25
8.2		100	181	MT1	1911	25	17.25		165	263	MT2	5643	25
8.5		100	181	MT1	1911 **	25	17.5	(11/16)	165	263	MT2	5643	25
8.8		107	188	MT1	2071	25	17.75		165	263	MT2	5656	25
9		107	188	MT1	2071 **	25	18		165	263	MT2	5656 **	25
9.2		107	188	MT1	2121	25	18.25		171	269	MT2	5746	25
9.5	(3/8)	107	188	MT1	2121	25	18.5		171	269	MT2	5746	25
9.8		116	197	MT1	2408	25	18.75		171	269	MT2	5838	25
10		116	197	MT1	2408 **	25	19	(3/4)	171	269	MT2	5838	25
10.2		116	197	MT1	2476	25	19.25		177	275	MT2	5998	25
10.5		116	197	MT1	2476 **	25	19.5		177	275	MT2	5998	25
10.8		125	206	MT1	2530	25	19.75		177	275	MT2	6098	25
11		125	206	MT1	2530	25	20		177	275	MT2	6098	25
11.2		125	206	MT1	2623	25	20.25		184	282	MT2	6199	25
11.5	(7/16)	125	206	MT1	2623	25	20.5		184	282	MT2	6199	25
11.8		125	206	MT1	2623	25	20.75		184	282	MT2	6313	25
12		134	215	MT1	3111	25	21	(13/16)	184	282	MT2	6313	25
12.2		134	215	MT1	3279	25	21.25		191	289	MT2	7334	25
12.5	(1/2)	134	215	MT1	3279	25	21.5		191	289	MT2	7334	25
12.8		134	215	MT1	3279	25	21.75		191	289	MT2	7480	25
13		134	215	MT1	3279	25	22		191	289	MT2	7480	25
13.2		134	215	MT1	3279	25	22.25		191	289	MT2	7989	25
13.5		142	223	MT1	3592	25	22.5	(7/8)	198	296	MT2	7989	25
13.8		142	223	MT1	3737	25	22.75		198	296	MT2	8373	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	8373	25	32.5		248	397	MT4	21600	10
23.25		198	319	MT3	10229	25	33	(1.5/16)	248	397	MT4	21600	10
23.5		198	319	MT3	10229	25	33.5		248	397	MT4	22541	10
23.75		206	327	MT3	10229	25	34		257	406	MT4	22541	10
24	(15/16)	206	327	MT3	10229	25	34.5		257	406	MT4	23525	10
24.25		206	327	MT3	10677	25	35	(1.3/8)	257	406	MT4	23525	10
24.5		206	327	MT3	10677	25	35.5		257	406	MT4	23525	10
24.75		206	327	MT3	11066	25	36		267	416	MT4	25781	10
25		206	327	MT3	11066 **	25	36.5		267	416	MT4	26745	10
25.25		214	335	MT3	11066	25	37	(1.7/16)	267	416	MT4	26745	10
25.5	(1)	214	335	MT3	11066	25	37.5		267	416	MT4	28963	10
25.75		214	335	MT3	11508	25	38	(1.1/2)	277	426	MT4	28963	10
26		214	335	MT3	11508 **	25	38.5		277	426	MT4	29914	10
26.25		214	335	MT3	11841	25	39		277	426	MT4	29914	10
26.5		214	335	MT3	11841 **	25	39.5		277	426	MT4	31099	10
26.75		222	343	MT3	14032	25	40		277	426	MT4	31099	10
27	(1.1/16)	222	343	MT3	14032	25	40.5		287	436	MT4	31099	10
27.25		222	343	MT3	14481	25	41	(1.5/8)	287	436	MT4	31099	10
27.5		222	343	MT3	14481	25	41.5		287	436	MT4	32689	10
27.75		222	343	MT3	14926	25	42		287	436	MT4	32689	10
28		222	343	MT3	14926	25	42.5		287	436	MT4	34584	10
28.25		230	351	MT3	15407	25	43		298	447	MT4	37152	10
28.5	(1.1/8)	230	351	MT3	15407	25	43.5		298	447	MT4	39165	10
28.75		230	351	MT3	15839	25	44		298	447	MT4	39165	10
29		230	351	MT3	15839	25	44.5		298	447	MT4	40776	10
29.25		230	351	MT3	16277	25	45	(1.3/4)	298	447	MT4	40776	10
29.5		230	351	MT3	16277	25	45.5		310	459	MT4	42992	10
29.75		230	351	MT3	16738	25	46	(1.13/16)	310	459	MT4	42992	10
30	(1.3/16)	230	351	MT3	16738	25	46.5		310	459	MT4	44740	10
30.25		239	360	MT3	17184	25	47		310	459	MT4	44740	10
30.5		239	360	MT3	17184	25	47.5		310	459	MT4	47001	10
30.75		239	360	MT3	17184	25	48	(1.7/8)	321	470	MT4	47001	10
31		239	360	MT3	17184	25	48.5		321	470	MT4	51475	10
31.25		239	360	MT3	17308	25	49	(1.15/16)	321	470	MT4	51475	10
31.5		239	360	MT3	17308	25	49.5		321	470	MT4	51475	10
31.75	(1.1/4)	248	369	MT3	17976	25	50		321	470	MT4	54128	10
32		248	397	MT4	20705	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	1804	2122	2349	2673	3030		3499				25
3.5		1855	2122	2415	2738	3110		3594				25
4	5/32	1855	2122	2415	2738	3110		3594				25
4.5		1901	2181	2415	2804	3297		3781				25
5	3/16	1901	2181	2415	2804	3297		3781				25
5.5	7/32	1901	2194	2532 **	2969	3366		3882				25
6		1913 **	2194	2559	2969	3366 **	3680	3882				25
6.5	1/4	1940	2265	2572	3119	3499	3795	3998				25
7		2113 **	2380	2672	3178	3662	4028	4196				25
7.5		2137	2439	2749	3236	3758	4116	4278				25
8	5/16	2233 **	2493	2858 **	3353	3853 **	4183	4396				25
8.5		2307 *	2589 **	2914 **	3412	3924 **	4233	4518				25
9		2343 **	2625	2984 **	3430	3954	4345	4555				25
9.5	3/8	2401	2657	2984 **	3525	4054 **	4403	4576				25
10		2408 **	2725 **	3073 **	3587	4132	4512	4704	5263	5934	6601 **	25
10.5		2476	2827 **	3279 **	3791	4345	4705	4941	5649	6347	7153	25
11		2531	2914	3310	3853	4424	4859	5067	5752	6449	7211	25
11.5	7/16	2623	2974	3395	3947	4533	4941	5162	5907	6620	7400	25
12			3112 **	3543	4104	4704	5132	5391	6098	6769	7593 **	25
12.5	1/2		3279	3662	4253	4847	5298	5541	6385	7206	8142	25
13				4345 **	4976	5649	6133	6449	7339	8238	9254	25
13.5				4483	5076	5803	6283	6568	7480	8444	9487	25
14				4633 **	5227	5907	6410	6672	7626 **	8616	9669	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	4663	5299	5995	6444	6769	7773	25
15		4766	5415	6140 **	6581 **	6934	7928 **	25
15.5		4877	5540	6199 **	6709	7029	8048	25
16	5/8	5000	5633	6323	6805	7156	8164 **	25
16.5		5089	5708	6444	6934	7269	8317	25
17		5197	5846	6511 **	7018	7365	8444	25
17.5	11/16			6672 **	7153	7509	8606 **	25
18				6769 **	7312	7626	8744 **	25
18.5				6876	7400	7765	8821	25
19	3/4			7000 **	7620	7880	8966 **	25
19.5				7087	7593	7956	9128	25
20				7206 **	7718	8109	9233 **	25
20.5				7339	7858	8222	9387	25
21	13/16			7471	8010	8361	9589	25
21.5				7626	8142	8501	9757	25
22				7794 **	8360	8744	9939 **	25
22.5	7/8			8000	8536 **	8932	10108	25
23				8373	8937	9262	10443	25
23.5				9199		10229	11209	25
24	15/16			9199		10229	11320 **	25
24.5				9487		10677	11838	25
25						11066	12273 **	25
25.5	1						12654	25
26							13168 **	25
26.5							13562	25
27	1.1/16						14033	25
27.5							14481	25
28							14926	25
28.5	1.1/8						15407 **	25
29							15839	25
29.5							16277	25
30	1.3/16						16738	25
31	1.1/4						17184	25
32							17308	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	8766	9838	11567	12911	14529	16294		25
15		8889	10000	11516	13067	14673	16459		25
15.5		9058	10136	11598	13192	14802	16600		25
16	5/8	9199	10341	11839	13421	14981	16785		25
16.5		9369	10559	12017	13562	15134	16888		25
17		9494	10677	12161	13732	15281	17046		25
17.5	11/16	9655	10804	12307	13889	15474	17204		25
18		9824	11001	12462	14033	15637	17372	19281	25
18.5		9939	11174	12618	14194	15745	17539	19469	25
19	3/4	10094	11320	12751	14355	15900	17639	19579	25
19.5		10292	11551	12911	14525	16090	17811	19771	25
20		10431	11718	13168	14673	16265	18028	20012	25
20.5		10559	11893	13327	14926	16514	18300	20313	25
21	13/16	10779	12087	13612	15180	16818	18587	20633	25
21.5		10986	12318	13815	15500	17122	18965	21053	25
22		11174	12524 **	14033	15741	17394	19266	21384	25
22.5	7/8	11320	12659	14275	15959	17694	19586 **	21740	25
23		11568	12885 **	14481	16250	17956	19870	22056	25
23.5		12322	13326	14972	16712	18498	20481	22733	25
24	15/16	12482	13790 **	15442	17241	19002	21028	23341	25
24.5		12911	14260	15950	17732	19558	21600	23761	25
25		13421	14701 **	16402	18245	20102	22203	24423	25
25.5	1	13815	15138	16869	18723	20643	22722	24993	25
26		14315	15629	17372	19277	21176	23326	25661	25
26.5		14733	16065	17854	19769	21676	23899	26288	25
27	1.1/16	15248	16541 **	18326	20263	22239	24455	26901	25
27.5		15637	16950	18814	20773	22756	25006	27506	25
28		16090	17446 **	19277	21276	23778	25610 **	28172	25
28.5	1.1/8	16563	17880	19727	21793	23860	26138	28753	25
29		17019	18366	20223	22313	24364	26730	29403	25
29.5		17446	18801	20705	22788	24914	27316	30048	25
30	1.3/16	17915	19266	21176	23300	25438	27854	31205	25
31	1.1/4	18363	19732	21699	23905	26101	28641 **	31218	25
32		18723	20705 **	22756	25063	27316	29968 **	31929	10
33	1.5/16		21600 **	23769	26180	28538	31277	33367	10
34			22541	24779	27299	29773	32623	34777	10
35	1.3/8		23526 **	25866	28423	31019	33953	36181	10
36			24455 **	26848	29525	32214	35284	37529	10
37	1.7/16		25385	27854	30648	33422	36567	38938	10
38	1.1/2		26354 **	28963	31835	34676	37955	40406	10
39			27316	30233	32848	35777	39087	41606	10
40			28460 **	31099	34004	36984	40370	42919	10
41	1.5/8						41708	45046	10
42							43562	47048	10
43							45494	48678	10
44							47392	50708	10
45	1.3/4						49323	52324	10
46	1.13/16						51410	54495	10
47							53487	56698	10
48	1.7/8						55574	58910	10
49	1.15/16						57618	61075	10
50							59940 **	63537	10

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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		21193	23104	25014	26926	28836	30748	10
18.5		21396	23326	25256	27185	29114	31043	10
19	3/4	21520	23459	25400	27341	29281	31221	10
19.5		21732	23690	25648	27608	29568	31527	10
20		21995	23977	25963	27945	29928	31911	10
20.5		22326	24338	26352	28364	30378	32391	10
21	13/16	22676	24721	26765	28810	30855	32898	10
21.5		23138	25224	27310	29396	31481	33568	10
22		23504	25624	27742	29862	31981	34101	10
22.5		23895	26049	28204	30359	32511	34666	10
23		24243	26430	28615	30801	32987	35174	10
23.5		24987	27241	29492	31747	34000	36251	10
24	15/16	25654	27967	30282	32595	34908	37220	10
24.5		25920	28080	30456	32832	35207	37584	10
25		26644	28864	31085	33305	35525	37746	10
25.5	1	27266	29538	31810	34082	36354	38627	10
26		27994	30324	32657	34992	37324	39657	10
26.5		28679	31069	33459	35849	38237	40629	10
27	1.1/16	29346	31791	34236	36682	39128	41573	10
27.5		30007	32508	35008	37509	40010	42511	10
28		30732	33295	35855	38417	40976	43538	10
28.5	1.1/8	31365	33980	36593	39207	41820	44435	10
29		32077	34750	37421	40096	42768	45441	10
29.5		32779	35510	38241	40973	43705	46436	10
30	1.3/16	33426	36212	38950	41781	44566	47352	10
31	1.1/4	33795	36373	38996	41963	44633	47466	10
32		34484	37039	39592	42146	44700	48256	10
33	1-5/16	36037	38704	41373	44043	46713	49381	10
34		37559	40340	43124	45905	48688	51469	10
35	1-3/8	39076	41971	44866	47759	50653	53549	10
36	1-7/16	40533	43534	46537	49537	52542	55543	10
37		42052	45168	48283	51399	54514	57630	10
38	1-1/2	43638	46871	50103	53336	56569	59801	10
39		44935	48263	51592	54921	58249	61577	10
40		46351	49785	53219	56651	60086	63519	10
41	1-5/8	48381	51718	55056	58392	61728	65066	10
42		50532	54018	57503	60988	64472	67787	10
43		51864	55047	58232	61416	64602	67958	10
44		54027	57345	60663	63980	67297	70614	10
45	1-3/4	56229	59679	63133	66586	69918	73004	10
46	1-13/16	57580	60665	63748	66834	70038	73491	10
47		59906	63116	66325	69535	72743	75954	10
48	1-7/8	62245	65578	68914	72249	75582	78917	10
49	1-15/16	64532	67989	71445	74903	78360	81817	10
50		67133	70729	74325	77923	81518	85116	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		32657	34569	36480	38391	40301	42213	5
18.5		32972	34902	36830	38759	40690	42618	5
19	3/4	33160	35102	37041	38982	40922	42864	5
19.5		33486	35445	37406	39364	41323	43283	5
20		33894	35877	37860	39843	41827	43809	5
20.5		34403	36418	38430	40444	42455	44468	5
21	13/16	34944	36987	39031	41077	43120	45165	5
21.5		35655	37741	39828	41913	43999	46086	5
22		36219	38339	40458	42577	44697	46816	5
22.5		36821	38975	41129	43285	45439	47591	5
23		37358	39544	41930	43916	46100	48287	5
23.5		38505	40759	43011	45263	47517	49769	5
24	15/16	39534	41846	44158	46473	48785	51099	5
24.5		39853	42119	44388	46549	48816	51112	5
25		39965	42187	44406	46627	48847	51124	5
25.5	1	40900	43172	45444	47716	49988	52260	5
26		41989	44322	46654	48987	51320	53653	5
26.5		43019	45408	47797	50186	52578	54968	5
27	1.1/16	44019	46463	48910	51356	53800	56246	5
27.5		45010	47512	50012	52513	55014	57513	5
28		46098	48661	51221	53783	56344	58904	5
28.5	1.1/8	47049	49662	52277	54890	57504	60117	5
29		48114	50787	53460	56133	58806	61480	5
29.5		49167	51899	54630	57363	60094	62824	5
30	1.3/16	50137	52922	55709	58392	61279	64065	5
31	1.1/4	50474	53050	55814	58495	61719	64296	5
32		50810	53364	55919	59602	62158	64712	5
33	1-5/16	52051	54721	57389	60059	62728	65397	5
34		54251	57033	59815	62598	65379	68162	5
35	1-3/8	56444	59338	62233	65126	68021	70917	5
36	1-7/16	58547	61548	64551	67552	70557	73557	5
37		60743	63858	66974	70090	73205	76319	5
38	1-1/2	63033	66267	69498	72730	75963	79195	5
39		64907	68235	71563	74892	78220	81548	5
40		66953	70386	73819	77253	80685	84119	5
41	1-5/8	68402	71739	75074	78412	81748	85087	5
42		70972	74927	78412	81898	85383	88867	5
43		71443	76087	79489	82891	86292	89693	5
44		73932	77249	80567	83885	87202	90518	5
45	1-3/4	76087	80397	83849	87302	90756	94206	5
46	1-13/16	76943	81384	84468	87554	91542	94626	5
47		79164	82372	85582	88791	92338	95549	5
48	1-7/8	82252	85586	88920	92254	95590	98924	5
49	1-15/16	85274	88731	92188	95646	99103	102560	5
50		88712	92308	95906	99502	103097	106695	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		44123	46032	47944	—	—	—	—	—
18.5		44547	46477	48406	—	—	—	—	—
19	3/4	44803	46744	48684	—	—	—	—	—
19.5		45242	47201	49161	—	—	—	—	—
20		45793	47776	49759	—	—	—	—	—
20.5		46482	48494	50507	—	—	—	—	—
21	13/16	47210	49254	51300	—	—	—	—	—
21.5		48172	50258	52344	—	—	—	—	—
22		48935	51055	53173	55293	57412	59532	61651	5
22.5		49747	51901	54055	56210	58365	60519	62674	5
23		50473	52659	54844	57029	59217	61403	63986	5
23.5		52022	54277	56529	58782	61034	63288	65541	5
24	15/16	53412	55724	58038	60350	62664	64977	67290	5
24.5		53434	55758	58053	60375	62670	65079	67401	5
25		53457	55791	58067	60399	62677	65181	67513	5
25.5	1	54531	56804	59076	61348	63621	65892	68166	5
26		55985	58318	60651	62984	65316	67649	69982	5
26.5		57358	59747	62136	64528	66917	69307	71697	5
27	1.1/16	58692	61136	63582	66028	68473	70919	73364	5
27.5		60015	62514	65015	67517	70017	72517	75017	5
28		61465	64027	66587	69148	71710	74270	76831	5
28.5	1.1/8	62731	65345	67960	70571	73187	75800	78414	5
29		64151	66826	69498	72171	74845	77517	80190	5
29.5		65556	68287	71021	73752	76482	79215	81946	5
30	1.3/16	66850	69451	72375	74975	77666	80292	82740	5
31	1.1/4	66875	69636	72399	75088	77714	80316	82893	5
32		67266	69820	72420	75160	77762	80451	83006	5
33	1-5/16"	68066	70737	73405	76075	78744	81413	84083	5
34		70944	73726	76508	79290	82072	84854	87638	5
35	1-3/8"	73811	76705	79598	82494	85388	88282	91178	5
36	1-7/16"	76560	79562	82565	85566	88571	91572	94574	5
37		79435	82548	85664	88779	91894	95009	98124	5
38	1-1/2"	82428	85661	88893	92125	95357	98590	101822	2
39		84876	88206	91535	94863	98192	101521	104850	2
40		87554	90988	94421	97854	101288	104722	108154	2
41	1-5/8"	88421	91759	95096	98432	101768	105104	108442	2
42		89250	92735	96220	99631	102816	106001	109186	2
43		90080	93263	96448	99706	103117	106602	109487	2
44		93836	97154	100472	103788	107106	110423	113742	2
45	1-3/4"	97659	100796	103879	107333	110734	113871	117322	2
46	1-13/16"	97711	101112	104566	107648	110786	114337	118013	2
47		98756	101967	105175	108386	111594	114804	120140	2
48	1-7/8"	102258	105592	108928	112261	115596	118930	122264	2
49	1-15/16"	106017	109474	112930	116388	119845	123302	126758	2
50		110290	113886	117484	121080	124675	128273	131868	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		45609	50168	54728	59289	63851	68412	72973	77533	2
50.8	2	45609	50168	54728	59289	63851	68412	72973	77533	2
51.00		—	—	59858	63986	68115	72243	76370	80499	2
51.50		—	—	59858	63986	68115	72243	76370	80499	2
51.59	2.1/32	—	—	59858	63986	68115	72243	76370	80499	2
52.00		—	—	59858	63986	68115	72243	76370	80499	2
52.39	2.1/16	—	—	59858	63986	68115	72243	76370	80499	2
52.50		—	—	64472	69845	75217	80591	85963	91336	2
53.00		—	—	64472	69845	75217	80591	85963	91336	2
53.18	2.3/32	—	—	64472	69845	75217	80591	85963	91336	2
53.50		—	—	64472	69845	75217	80591	85963	91336	2
53.97	2.1/8	—	—	64472	69845	75217	80591	85963	91336	2
54.00		—	—	64472	69845	75217	80591	85963	91336	2
54.50		—	—	67726	73371	79015	84660	90303	95947	2
54.77	2.5/32	—	—	67726	73371	79015	84660	90303	95947	2
55.00		—	—	67726	73371	79015	84660	90303	95947	2
55.50		—	—	67726	73371	79015	84660	90303	95947	2
55.56	2.3/16	—	—	67726	73371	79015	84660	90303	95947	2
56.00		—	—	70573	76456	82336	88218	94099	99980	2
56.36	2.7/32	—	—	70573	76456	82336	88218	94099	99980	2
56.50		—	—	70573	76456	82336	88218	94099	99980	2
57.00		—	—	70573	76456	82336	88218	94099	99980	2
57.15	2.1/4	—	—	70573	76456	82336	88218	94099	99980	2
57.50		—	—	73811	83437	89855	96274	102693	109111	2
57.94	2.9/32	—	—	73811	83437	89855	96274	102693	109111	2
58.00		—	—	73811	83437	89855	96274	102693	109111	2
58.50		—	—	73811	83437	89855	96274	102693	109111	2
58.74	2.5/16	—	—	73811	83437	89855	96274	102693	109111	2
59.00		—	—	75219	85030	91572	98113	104654	111194	2
59.50		—	—	75219	85030	91572	98113	104654	111194	2
59.53	2.11/32	—	—	75219	85030	91572	98113	104654	111194	2
60.00		—	—	75219	85030	91572	98113	104654	111194	2
60.32	2.3/8	—	—	75219	85030	91572	98113	104654	111194	2
60.50		—	—	82039	88993	95944	102898	109850	116801	2
61.00		—	—	82039	88993	95944	102898	109850	116801	2
61.12	2.13/32	—	—	82039	88993	95944	102898	109850	116801	2
61.50		—	—	82039	88993	95944	102898	109850	116801	2
61.91	2.7/16	—	—	82039	88993	95944	102898	109850	116801	2
62.00		—	—	82039	88993	95944	102898	109850	116801	2
62.50		—	—	82039	88993	95944	102898	109850	116801	2
62.71	2.15/32	—	—	83422	90489	97560	104629	111700	118769	2
63.00		—	—	83422	90489	97560	104629	111700	118769	2
63.5	2.1/2	—	—	83422	90489	97560	104629	111700	118769	2
64.00		—	—	90637	96888	104702	110951	118765	125016	2
64.29	2.17/32	—	—	90637	96888	104702	110951	118765	125016	2
64.50		—	—	90637	96888	104702	110951	118765	125016	2
65.00		—	—	90637	96888	104702	110951	118765	125016	2
65.09	2.9/16	—	—	90637	96888	104702	110951	118765	125016	2
65.50		—	—	91311	97609	105481	111778	119650	125947	2
65.88	2.19/32	—	—	91311	97609	105481	111778	119650	125947	2
66.00		—	—	91311	97609	105481	111778	119650	125947	2
66.50		—	—	91311	97609	105481	111778	119650	125947	2
66.67	2.5/8	—	—	91311	97609	105481	111778	119650	125947	2
67.00		—	—	93538	99989	108053	114504	122568	129018	2
67.47	2.21/32	—	—	—	107333	114258	121182	129838	138494	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		82093	86654	91215	95777	100337	104899	109459	114020	2
50.80	2	82093	86654	91215	95777	100337	104899	109459	114020	2
51.00		84626	88755	92883	97010	101140	105268	113523	117652	2
51.50		84626	88755	92883	97010	101140	105268	113523	117652	2
51.59	2.1/32	84626	88755	92883	97010	101140	105268	113523	117652	2
52.00		84626	88755	92883	97010	101140	105268	113523	117652	2
52.39	2.1/16	84626	88755	92883	97010	101140	105268	113523	117652	2
52.50		96709	102081	107454	112826	118198	123572	128944	134318	2
53.00		96709	102081	107454	112826	118198	123572	128944	134318	2
53.18	2.3/32	96709	102081	107454	112826	118198	123572	128944	134318	2
53.50		96709	102081	107454	112826	118198	123572	128944	134318	2
53.97	2.1/8	96709	102081	107454	112826	118198	123572	128944	134318	2
54.00		96709	102081	107454	112826	118198	123572	128944	134318	2
54.50		101591	107235	112878	118523	124166	129810	135455	141099	2
54.77	2.5/32	101591	107235	112878	118523	124166	129810	135455	141099	2
55.00		101591	107235	112878	118523	124166	129810	135455	141099	2
55.50		101591	107235	112878	118523	124166	129810	135455	141099	2
55.56	2.3/16	101591	107235	112878	118523	124166	129810	135455	141099	2
56.00		105862	111742	117624	123505	129384	135267	141148	147030	2
56.36	2.7/32	105862	111742	117624	123505	129384	135267	141148	147030	2
56.50		105862	111742	117624	123505	129384	135267	141148	147030	2
57.00		105862	111742	117624	123505	129384	135267	141148	147030	2
57.15	2.1/4	105862	111742	117624	123505	129384	135267	141148	147030	2
57.50		115529	121947	128365	134784	141202	147620	154038	160457	2
57.94	2.9/32	115529	121947	128365	134784	141202	147620	154038	160457	2
58.00		115529	121947	128365	134784	141202	147620	154038	160457	2
58.50		115529	121947	128365	134784	141202	147620	154038	160457	2
58.74	2.5/16	115529	121947	128365	134784	141202	147620	154038	160457	2
59.00		117735	124276	130817	137358	143899	150440	156980	163521	2
59.50		117735	124276	130817	137358	143899	150440	156980	163521	2
59.53	2.11/32	117735	124276	130817	137358	143899	150440	156980	163521	2
60.00		117735	124276	130817	137358	143899	150440	156980	163521	2
60.32	2.3/8	117735	124276	130817	137358	143899	150440	156980	163521	2
60.50		123754	130708	137660	144612	151565	158518	165469	172423	2
61.00		123754	130708	137660	144612	151565	158518	165469	172423	2
61.12	2.13/32	123754	130708	137660	144612	151565	158518	165469	172423	2
61.50		123754	130708	137660	144612	151565	158518	165469	172423	2
61.91	2.7/16	123754	130708	137660	144612	151565	158518	165469	172423	2
62.00		123754	130708	137660	144612	151565	158518	165469	172423	2
62.50		123754	130708	137660	144612	151565	158518	165469	172423	2
62.71	2.15/32	125838	132908	139978	147047	154117	161186	168256	175324	2
63.00		125838	132908	139978	147047	154117	161186	168256	175324	2
63.5	2.1/2	125838	132908	139978	147047	154117	161186	168256	175324	2
64.00		131267	137517	143769	150019	156270	162521	168771	175826	2
64.29	2.17/32	131267	137517	143769	150019	156270	162521	168771	175826	2
64.50		131267	137517	143769	150019	156270	162521	168771	175826	2
65.00		131267	137517	143769	150019	156270	162521	168771	175826	2
65.09	2.9/16	131267	137517	143769	150019	156270	162521	168771	175826	2
65.50		132245	138543	144840	151136	157434	163731	170029	176326	2
65.88	2.19/32	132245	138543	144840	151136	157434	163731	170029	176326	2
66.00		132245	138543	144840	151136	157434	163731	170029	176326	2
66.50		132245	138543	144840	151136	157434	163731	170029	176326	2
66.67	2.5/8	132245	138543	144840	151136	157434	163731	170029	176326	2
67.00		135469	141920	148371	154822	161274	167724	174175	180625	2
67.47	2.21/32	147150	155806	164461	173117	181774	190428	199085	207741	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		118580	123141	127703	132263	136823	141384	145945	150505	155066	2
50.8	2	118580	123141	127703	132263	136823	141384	145945	150505	155066	2
51.00		121780	125908	130036	134165	138292	142420	146550	150677	156869	2
51.50		121780	125908	130036	134165	138292	142420	146550	150677	156869	2
51.59	2.1/32	121780	125908	130036	134165	138292	142420	146550	150677	156869	2
52.00		121780	125908	130036	134165	138292	142420	146550	150677	156869	2
52.39	2.1/16	121780	125908	130036	134165	138292	142420	146550	150677	156869	2
52.50		139690	145062	150435	155808	161180	166554	171926	177299	182671	2
53.00		139690	145062	150435	155808	161180	166554	171926	177299	182671	2
53.18	2.3/32	139690	145062	150435	155808	161180	166554	171926	177299	182671	2
53.50		139690	145062	150435	155808	161180	166554	171926	177299	182671	2
53.97	2.1/8	139690	145062	150435	155808	161180	166554	171926	177299	182671	2
54.00		139690	145062	150435	155808	161180	166554	171926	177299	182671	2
54.50		146742	152386	158031	163674	169319	174962	180605	186249	191894	2
54.77	2.5/32	146742	152386	158031	163674	169319	174962	180605	186249	191894	2
55.00		146742	152386	158031	163674	169319	174962	180605	186249	191894	2
55.50		146742	152386	158031	163674	169319	174962	180605	186249	191894	2
55.56	2.3/16	146742	152386	158031	163674	169319	174962	180605	186249	191894	2
56.00		152910	158792	164674	170554	176436	182317	188196	194078	199960	2
56.36	2.7/32	152910	158792	164674	170554	176436	182317	188196	194078	199960	2
56.50		152910	158792	164674	170554	176436	182317	188196	194078	199960	2
57.00		152910	158792	164674	170554	176436	182317	188196	194078	199960	2
57.15	2.1/4	152910	158792	164674	170554	176436	182317	188196	194078	199960	2
57.50		166875	173294	179712	186131	192549	198967	205384	211802	218221	2
57.94	2.9/32	166875	173294	179712	186131	192549	198967	205384	211802	218221	2
58.00		166875	173294	179712	186131	192549	198967	205384	211802	218221	2
58.50		166875	173294	179712	186131	192549	198967	205384	211802	218221	2
58.74	2.5/16	166875	173294	179712	186131	192549	198967	205384	211802	218221	2
59.00		170063	176602	183144	189685	196224	202767	209306	215848	222388	2
59.50		170063	176602	183144	189685	196224	202767	209306	215848	222388	2
59.53	2.11/32	170063	176602	183144	189685	196224	202767	209306	215848	222388	2
60.00		170063	176602	183144	189685	196224	202767	209306	215848	222388	2
60.32	2.3/8	170063	176602	183144	189685	196224	202767	209306	215848	222388	2
60.50		179376	186327	193280	200232	207185	214138	221090	228043	234995	2
61.00		179376	186327	193280	200232	207185	214138	221090	228043	234995	2
61.12	2.13/32	179376	186327	193280	200232	207185	214138	221090	228043	234995	2
61.50		179376	186327	193280	200232	207185	214138	221090	228043	234995	2
61.91	2.7/16	179376	186327	193280	200232	207185	214138	221090	228043	234995	2
62.00		179376	186327	193280	200232	207185	214138	221090	228043	234995	2
62.50		179376	186327	193280	200232	207185	214138	221090	228043	234995	2
62.71	2.15/32	182395	189464	196533	203604	210673	217743	224814	231882	238951	2
63.00		182395	189464	196533	203604	210673	217743	224814	231882	238951	2
63.5	2.1/2	182395	189464	196533	203604	210673	217743	224814	231882	238951	2
64.00		182509	191431	200026	206277	212528	218779	225029	232442	242219	2
64.29	2.17/32	182509	191431	200026	206277	212528	218779	225029	232442	242219	2
64.50		182509	191431	200026	206277	212528	218779	225029	232442	242219	2
65.00		182509	191431	200026	206277	212528	218779	225029	232442	242219	2
65.09	2.9/16	182509	191431	200026	206277	212528	218779	225029	232442	242219	2
65.50		182622	192856	201517	207813	214110	220408	226705	233002	244024	2
65.88	2.19/32	182622	192856	201517	207813	214110	220408	226705	233002	244024	2
66.00		182622	192856	201517	207813	214110	220408	226705	233002	244024	2
66.50		182622	192856	201517	207813	214110	220408	226705	233002	244024	2
66.67	2.5/8	182622	192856	201517	207813	214110	220408	226705	233002	244024	2
67.00		187077	193527	206430	212881	219331	225783	232233	238684	249973	2
67.47	2.21/32	216397	225052	233708	242365	251019	259676	268332	276987	285644	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		107333	114258	121182	129838	138494	2
68.00		107333	114258	121182	129838	138494	2
68.26	2.11/16	107333	114258	121182	129838	138494	2
68.50		113288	120718	128146	135574	143004	2
69.00		114463	121970	129476	136982	144487	2
69.05	2.23/32	114463	121970	129476	136982	144487	2
69.50		114463	121970	129476	136982	144487	2
69.85	2.3/4	114463	121970	129476	136982	144487	2
70.00		114463	121970	129476	136982	144487	2
70.50		120120	128128	136136	144143	152152	2
70.64	2.25/32	121426	129523	137618	145712	153808	2
71.00		121426	129523	137618	145712	153808	2
71.44	2.13/16	121426	129523	137618	145712	153808	2
71.50		121426	129523	137618	145712	153808	2
72.00		123774	132024	140275	148528	156780	2
72.23	2.27/32	123774	132024	140275	148528	156780	2
72.50		123774	132024	140275	148528	156780	2
73.00		123774	132024	140275	148528	156780	2
73.02	2.7/8	123774	132024	140275	148528	156780	2
73.50		128177	136865	145555	154247	162936	2
73.82	2.29/32	129533	138313	147096	155877	164660	2
74.00		129533	138313	147096	155877	164660	2
74.50		129533	138313	147096	155877	164660	2
74.61	2.15/16	129533	138313	147096	155877	164660	2
75.00		131144	140035	148926	157818	166709	2
75.41	2.31/32	131144	140035	148926	157818	166709	2
75.50		131144	140035	148926	157818	166709	2
76.00		131144	140035	148926	157818	166709	2
76.20	3	131144	140035	148926	157818	166709	2
76.99	3.1/32	—	—	—	164206	176370	2
77.00		—	—	—	164206	176370	2
77.79	3.1/16	—	—	—	164206	176370	2
78.00		—	—	—	164206	176370	2
78.58	3.3/32	—	—	—	167481	179886	2
79.00		—	—	—	167481	179886	2
79.37	3.1/8	—	—	—	171928	184662	2
80.00		—	—	—	171928	184662	2
80.17	3.5/32	—	—	—	183892	197512	2
80.96	3.3/16	—	—	—	183892	197512	2
81.00		—	—	—	183892	197512	2
81.76	3.7/32	—	—	—	188671	202647	2
82.00		—	—	—	188671	202647	2
82.55	3.1/4	—	—	—	188671	202647	2
83.00		—	—	—	192568	206832	2
83.34	3.9/32	—	—	—	192568	206832	2
84.00		—	—	—	192568	206832	2
84.14	3.5/16	—	—	—	195771	210272	2
84.93	3.11/32	—	—	—	195771	210272	2
85.00		—	—	—	195771	210272	2
85.72	3.3/8	—	—	—	223305	239846	2
86.00		—	—	—	223305	239846	2
86.52	3.13/32	—	—	—	223305	239846	2
87.00		—	—	—	223305	239846	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		147150	155806	164461	173117	181774	190428	199085	207741	2
68.00		147150	155806	164461	173117	181774	190428	199085	207741	2
68.26	2.11/16	147150	155806	164461	173117	181774	190428	199085	207741	2
68.50		150432	157862	165288	173815	181894	195004	202433	209862	2
69.00		151994	159500	167005	174510	182017	197028	204533	212039	2
69.05	2.23/32	151994	159500	167005	174510	182017	197028	204533	212039	2
69.50		151994	159500	167005	174510	182017	197028	204533	212039	2
69.85	2.3/4	151994	159500	167005	174510	182017	197028	204533	212039	2
70.00		151994	159500	167005	174510	182017	197028	204533	212039	2
70.50		160160	168168	176176	184185	192192	200200	208208	216215	2
70.64	2.25/32	161901	169998	178094	186187	194282	202378	210472	218567	2
71.00		161901	169998	178094	186187	194282	202378	210472	218567	2
71.44	2.13/16	161901	169998	178094	186187	194282	202378	210472	218567	2
71.50		161901	169998	178094	186187	194282	202378	210472	218567	2
72.00		165031	173284	181534	189785	198038	206289	214541	222793	2
72.23	2.27/32	165031	173284	181534	189785	198038	206289	214541	222793	2
72.50		165031	173284	181534	189785	198038	206289	214541	222793	2
73.00		165031	173284	181534	189785	198038	206289	214541	222793	2
73.02	2.7/8	165031	173284	181534	189785	198038	206289	214541	222793	2
73.50		171626	180315	189006	197695	206385	215076	223765	232456	2
73.82	2.29/32	173441	182224	191004	199786	208569	217351	226132	234914	2
74.00		173441	182224	191004	199786	208569	217351	226132	234914	2
74.50		173441	182224	191004	199786	208569	217351	226132	234914	2
74.61	2.15/16	173441	182224	191004	199786	208569	217351	226132	234914	2
75.00		175600	184491	193383	202274	211165	220056	228946	237837	2
75.41	2.31/32	175600	184491	193383	202274	211165	220056	228946	237837	2
75.50		175600	184491	193383	202274	211165	220056	228946	237837	2
76.00		175600	184491	193383	202274	211165	220056	228946	237837	2
76.2	3	175600	184491	193383	202274	211165	220056	228946	237837	2
76.99	3.1/32	188533	200696	212860	225023	237187	249350	261514	273677	2
77.00		188533	200696	212860	225023	237187	249350	261514	273677	2
77.79	3.1/16	188533	200696	212860	225023	237187	249350	261514	273677	2
78.00		188533	200696	212860	225023	237187	249350	261514	273677	2
78.58	3.3/32	192292	204698	217106	229512	241918	254324	266729	279135	2
79.00		192292	204698	217106	229512	241918	254324	266729	279135	2
79.37	3.1/8	197397	210133	222869	235604	248338	261073	273811	286545	2
80.00		197397	210133	222869	235604	248338	261073	273811	286545	2
80.17	3.5/32	211132	224755	238376	251998	265620	279241	292862	306484	2
80.96	3.3/16	211132	224755	238376	251998	265620	279241	292862	306484	2
81.00		211132	224755	238376	251998	265620	279241	292862	306484	2
81.76	3.7/32	216622	230599	244573	258549	272525	286501	300476	314453	2
82.00		216622	230599	244573	258549	272525	286501	300476	314453	2
82.55	3.1/4	216622	230599	244573	258549	272525	286501	300476	314453	2
83.00		221097	235360	249626	263890	278154	292419	306682	320947	2
83.34	3.9/32	221097	235360	249626	263890	278154	292419	306682	320947	2
84.00		221097	235360	249626	263890	278154	292419	306682	320947	2
84.14	3.5/16	224774	239276	253777	268278	282778	297280	311782	326282	2
84.93	3.11/32	224774	239276	253777	268278	282778	297280	311782	326282	2
85.00		224774	239276	253777	268278	282778	297280	311782	326282	2
85.72	3.3/8	256388	272928	289469	306011	322551	339092	355633	372174	2
86.00		256388	272928	289469	306011	322551	339092	355633	372174	2
86.52	3.13/32	256388	272928	289469	306011	322551	339092	355633	372174	2
87.00		256388	272928	289469	306011	322551	339092	355633	372174	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		216397	225052	233708	242365	251019	259676	268332	276987	285644	2
68.00		216397	225052	233708	242365	251019	259676	268332	276987	285644	2
68.26	2.11/16	216397	225052	233708	242365	251019	259676	268332	276987	285644	2
68.50		217291	226051	234133	243290	255363	260005	269292	278579	286733	2
69.00		219546	227052	234558	245815	256883	262705	272087	280159	288592	2
69.05	2.23/32	219546	227052	234558	245815	256883	262705	272087	280159	288592	2
69.50		219546	227052	234558	245815	256883	262705	272087	280159	288592	2
69.85	2.3/4	219546	227052	234558	245815	256883	262705	272087	280159	288592	2
70.00		219546	227052	234558	245815	256883	262705	272087	280159	288592	2
70.50		224224	232232	240239	248248	258529	264264	272272	280279	289218	2
70.64	2.25/32	226664	234758	242854	250948	259044	267139	275234	283329	291425	2
71.00		226664	234758	242854	250948	259044	267139	275234	283329	291425	2
71.44	2.13/16	226664	234758	242854	250948	259044	267139	275234	283329	291425	2
71.50		226664	234758	242854	250948	259044	267139	275234	283329	291425	2
72.00		231044	239296	247547	255798	264050	272301	280554	288805	297056	2
72.23	2.27/32	231044	239296	247547	255798	264050	272301	280554	288805	297056	2
72.50		231044	239296	247547	255798	264050	272301	280554	288805	297056	2
73.00		231044	239296	247547	255798	264050	272301	280554	288805	297056	2
73.02	2.7/8	231044	239296	247547	255798	264050	272301	280554	288805	297056	2
73.50		241145	249834	258525	267214	275905	284594	293285	301974	310664	2
73.82	2.29/32	243695	252479	261260	270041	278823	287606	296386	305169	313951	2
74.00		243695	252479	261260	270041	278823	287606	296386	305169	313951	2
74.50		243695	252479	261260	270041	278823	287606	296386	305169	313951	2
74.61	2.15/16	243695	252479	261260	270041	278823	287606	296386	305169	313951	2
75.00		246728	255618	264510	273400	282292	291183	300075	308965	317857	2
75.41	2.31/32	246728	255618	264510	273400	282292	291183	300075	308965	317857	2
75.50		246728	255618	264510	273400	282292	291183	300075	308965	317857	2
76.00		246728	255618	264510	273400	282292	291183	300075	308965	317857	2
76.2	3	246728	255618	264510	273400	282292	291183	300075	308965	317857	2
76.99	3.1/32	285841	298004	310166	322331	334494	346657	358820	—	—	2
77.00		285841	298004	310166	322331	334494	346657	358820	—	—	2
77.79	3.1/16	285841	298004	310166	322331	334494	346657	358820	—	—	2
78.00		285841	298004	310166	322331	334494	346657	358820	—	—	2
78.58	3.3/32	291541	303946	316353	328759	341166	353572	365977	—	—	2
79.00		291541	303946	316353	328759	341166	353572	365977	—	—	2
79.37	3.1/8	299280	312017	324750	337487	350223	362958	375693	—	—	2
80.00		299280	312017	324750	337487	350223	362958	375693	—	—	2
80.17	3.5/32	320106	333727	347351	360972	374591	388214	401835	—	—	2
80.96	3.3/16	320106	333727	347351	360972	374591	388214	401835	—	—	2
81.00		320106	333727	347351	360972	374591	388214	401835	—	—	2
81.76	3.7/32	328427	342403	356379	370355	384329	398305	412281	—	—	2
82.00		328427	342403	356379	370355	384329	398305	412281	—	—	2
82.55	3.1/4	328427	342403	356379	370355	384329	398305	412281	—	—	2
83.00		335212	349476	363740	378005	392268	406533	420796	—	—	2
83.34	3.9/32	335212	349476	363740	378005	392268	406533	420796	—	—	2
84.00		335212	349476	363740	378005	392268	406533	420796	—	—	2
84.14	3.5/16	340784	355286	369788	384289	398790	413292	427794	—	—	2
84.93	3.11/32	340784	355286	369788	384289	398790	413292	427794	—	—	2
85.00		340784	355286	369788	384289	398790	413292	427794	—	—	2
85.72	3.3/8	388716	405257	421799	438340	454880	471422	487963	—	—	2
86.00		388716	405257	421799	438340	454880	471422	487963	—	—	2
86.52	3.13/32	388716	405257	421799	438340	454880	471422	487963	—	—	2
87.00		388716	405257	421799	438340	454880	471422	487963	—	—	2



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

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

Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	400	425	450	475	500	525	550	575	
87.31	3.7/16	—	—	—	—	—	—	227974	244862	2
88.00		—	—	—	—	—	—	227974	244862	2
88.11	3.15/32	—	—	—	—	—	—	227974	244862	2
88.90	3.1/2	—	—	—	—	—	—	227974	244862	2
89.00		—	—	—	—	—	—	227974	244862	2
90.00		—	—	—	—	—	—	232622	249854	2
90.49	3.9/16	—	—	—	—	—	—	241299	259172	2
91.00		—	—	—	—	—	—	241299	259172	2
92.00		—	—	—	—	—	—	241299	259172	2
92.07	3.5/8	—	—	—	—	—	—	249179	267635	2
93.00		—	—	—	—	—	—	249179	267635	2
93.66	3.11/16	—	—	—	—	—	—	258603	277758	2
94.00		—	—	—	—	—	—	258603	277758	2
95.00		—	—	—	—	—	—	258603	277758	2
95.25	3.3/4	—	—	—	—	—	—	258603	277758	2
96.00		—	—	—	—	—	—	267260	287057	2
96.84	3.13/16	—	—	—	—	—	—	267260	287057	2
97.00		—	—	—	—	—	—	267260	287057	2
98.00		—	—	—	—	—	—	271987	292134	2
98.42	3.7/8	—	—	—	—	—	—	275870	296305	2
99.00		—	—	—	—	—	—	275870	296305	2
100.00		—	—	—	—	—	—	275870	296305	2
100.01	3.15/16	—	—	—	—	—	—	280596	301380	2
101.00		—	—	—	—	—	—	280596	301380	2
101.6	4	—	—	—	—	—	—	280596	301380	2
102.00		—	—	—	—	—	—	280596	301380	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	261748	278636	295521	312408	329296	346182	363068	379957	2
88.00		261748	278636	295521	312408	329296	346182	363068	379957	2
88.11	3.15/32	261748	278636	295521	312408	329296	346182	363068	379957	2
	3.1/2	261748	278636	295521	312408	329296	346182	363068	379957	2
89.00		261748	278636	295521	312408	329296	346182	363068	379957	2
90.00		267087	284317	301548	318779	336012	353243	370473	387705	2
90.49	3.9/16	277047	294920	312797	330670	348545	366418	384292	402166	2
91.00		277047	294920	312797	330670	348545	366418	384292	402166	2
92.00		277047	294920	312797	330670	348545	366418	384292	402166	2
92.07	3.5/8	286094	304550	323007	341465	359923	378381	396838	415297	2
93.00		286094	304550	323007	341465	359923	378381	396838	415297	2
93.66	3.11/16	296915	316068	335225	354381	373536	392693	411847	431004	2
94.00		296915	316068	335225	354381	373536	392693	411847	431004	2
95.00		296915	316068	335225	354381	373536	392693	411847	431004	2
95.25	3.3/4	296915	316068	335225	354381	373536	392693	411847	431004	2
96.00		306855	326652	346448	366245	386043	405838	425638	445435	2
96.84	3.13/16	306855	326652	346448	366245	386043	405838	425638	445435	2
97.00		306855	326652	346448	366245	386043	405838	425638	445435	2
98.00		312282	332428	352576	372724	392869	413018	433164	453311	2
98.42	3.7/8	316738	337173	357609	378044	398478	418913	439347	459783	2
99.00		316738	337173	357609	378044	398478	418913	439347	459783	2
100.00		316738	337173	357609	378044	398478	418913	439347	459783	2
100.01	3.15/16	322165	342948	363735	384520	405304	426090	446873	467658	2
101.00		322165	342948	363735	384520	405304	426090	446873	467658	2
101.6	4	322165	342948	363735	384520	405304	426090	446873	467658	2
102.00		322165	342948	363735	384520	405304	426090	446873	467658	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	396843	413730	430617	447504	464390	481278	498164	2
88.00		396843	413730	430617	447504	464390	481278	498164	2
88.11	3.15/32	396843	413730	430617	447504	464390	481278	498164	2
88.9	3.1/2	396843	413730	430617	447504	464390	481278	498164	2
89.00		396844	413731	430618	447505	464393	481279	498165	2
90.00		404935	422168	439399	456630	473861	491092	508325	2
90.49	3.9/16	420039	437914	455788	473663	491536	509410	527284	2
91.00		420039	437914	455788	473663	491536	509410	527284	2
92.00		420039	437914	455788	473663	491536	509410	527284	2
92.07	3.5/8	433754	452212	470670	489127	507583	526042	544499	2
93.00		433754	452212	470670	489127	507583	526042	544499	2
93.66	3.11/16	450160	469316	488470	507626	526782	545939	565093	2
94.00		450160	469316	488470	507626	526782	545939	565093	2
95.00		450160	469316	488470	507626	526782	545939	565093	2
95.25	3.3/4	450160	469316	488470	507626	526782	545939	565093	2
96.00		465230	485027	504825	524622	544419	564217	584013	2
96.84	3.13/16	465230	485027	504825	524622	544419	564217	584013	2
97.00		465230	485027	504825	524622	544419	564217	584013	2
98.00		473459	493606	513754	533902	554048	574194	594341	2
98.42	3.7/8	480217	500652	521087	541522	561957	582391	602826	2
99.00		480217	500652	521087	541522	561957	582391	602826	2
100.00		480217	500652	521087	541522	561957	582391	602826	2
100.01	3.15/16	488443	509229	530013	550798	571583	592368	613152	2
101.00		488443	509229	530013	550798	571583	592368	613152	2
101.6	4	488443	509229	530013	550798	571583	592368	613152	2
102.00		488443	509229	530013	550798	571583	592368	613152	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	3438	5	1.11/16	6398	5	2.3/4	15974	3
1.1/16	3628	5	1.3/4	6544	5	2.7/8	17751	3
1.1/8	3845	5	1.13/16	6801	5	3	19498	3
1.3/16	4080	5	1.7/8	7008	5	3.1/8	21860	3
1.1/4	4262	5	1.15/16	7345	5	3.1/4	23973	3
1.5/16	4468	5	2	7495	5	3.3/8	25783	3
1.3/8	4721	5	2.1/8	8394	5	3.1/2	38571	3
1.7/16	4930	5	2.1/4	9187	5	3.5/8	32707	3
1.1/2	5108	5	2.3/8	10279	5	3.3/4	34217	3
1.9/16	5401	5	2.1/2	12500	5	3.7/8	39607	3
1.5/8	5636	5	2.5/8	14523	3	4	43770	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	226 **	50	263	328	300
1.25	3.15	226 **	50	263	328	300
1.6	4	226 *	50	263	333	300
2	5	226 *	50	263	341	300
2.5	6.3	261 *	50	303	399	300
3.15	8	405 *	50	469	600	300
4	10	496 *	50	576	755	300
5	12.5	840 *	50	973	1188	300
6.3	16	993 *	50	1153	1408	300
8	20	1533 *	50	1809	2101	300
10	25	1974 **	50	2450	3091	300

TYPE - B IS 6709-1977

1.6	6.3	462 **	50	537	632	300
2	8	653 *	50	759	889	300
2.5	10	833 *	50	967	1145	300
3.15	11.2	1108 *	50	1288	1501	300
4	14	1486 *	50	1769	2020	200
5	18	2124 *	50	2570	2860	200
6.3	20	2501 *	50	2902	3193	200
8	25	3234 *	50	3916	4558	200

TYPE - R IS 6710-1977

1	3.15	226	50	263	328	300
1.25	3.15	226	50	263	328	300
1.6	4	226	50	263	333	300
2	5	226 **	50	263	341	300
2.5	6.3	261 **	50	303	399	300
3.15	8	405 **	50	469	600	300
4	10	496 **	50	576	755	300
5	12.5	840	50	973	1188	300
6.3	16	993	50	1153	1408	300
8	20	1533	50	1809	2101	300
10	25	1974	50	2450	3091	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	226 **	50	263	328	300
BS 2	1/16	3/16	226 *	50	263	333	300
BS 3	3/32	1/4	261 *	50	303	399	300
BS 4	1/8	5/16	405 *	50	469	600	300
BS 5	3/16	7/16	527 *	50	612	825	300
BS 6	1/4	5/8	993 *	50	1153	1408	300
BS 7	5/16	3/4	1533 *	50	1825	2116	300

For more details refer our Drill Catalogue Pages 54 to 57



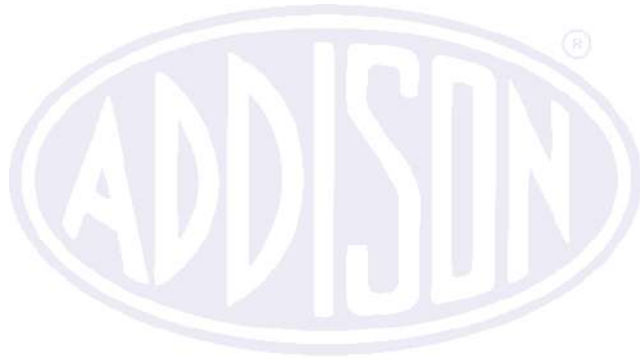
HSS TAPER SHANK CORE DRILLS

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		1289	35	(26.99)	1.1/16	7842	35	51.00		38585	5
(7.14)	9/32	1289	35	27.00		7842	35	52.00		42493	5
7.50		1376	35	(27.78)	1.3/32	8140	35	(52.39)	2.1/16	42493	5
(7.94)	5/16	1372	35	28.00		8624	35	53.00		49640	5
8.00		1376	35	(28.57)	1.1/8	8625	35	(53.97)	2.1/8	49640	5
8.50		1402	35	29.00		9028	35	54.00		49640	5
(8.73)	11/32	1376	35	(29.37)	1.5/32	9028	35	55.00		52030	5
9.00		1408	35	30.00		9589	35	(55.56)	2.3/16	52030	5
(9.52)	3/8	1513	35	(30.16)	1.3/16	9589	35	56.00		54235	5
10.00		1513	35	(30.96)	1.7/32	9952	35	57.00		54235	5
(10.32)	13/32	1513	35	31.00		11189	35	(57.15)	2.1/4	54235	5
11.00		1515	35	(31.75)	1.1/4	11681	35	58.00		59268	5
(11.11)	7/16	1515	35	32.00		12802	20	(58.74)	2.5/16	59268	5
(11.91)	15/32	1620	35	(32.54)	1.9/32	12802	20	59.00		60364	5
12.00		1620	35	33.00		13071	20	60.00		60364	5
(12.70)	1/2	1711	35	(33.34)	1.5/16	13071	20	(60.32)	2.3/8	60364	5
13.00		2315	35	34.00		14337	20	61.00		64329	5
(13.49)	17/32	2534	35	(34.13)	1.11/32	14337	20	(61.91)	2.7/16	64329	5
14.00		2534	35	(34.92)	1.3/8	15139	20	62.00		64329	5
(14.29)	9/16	2608	35	35.00		15139	20	63.00		66181	5
15.00		2720	35	(35.72)	1.13/32	16284	20	(63.50)	2.1/2	66181	5
(15.08)	19/32	2720	35	36.00		16284	20	64.00		72259	5
15.87	5/8	2784	35	(36.51)	1.7/16	17177	20	65.00		72259	3
16.00		2784	35	37.00		17177	20	(65.09)	2.9/16	72259	3
(16.67)	21/32	2933	35	(37.31)	1.15/32	17666	20	66.00		75764	3
17.00		2933	35	38.00		18902	20	(66.67)	2.5/8	75764	3
(17.46)	11/16	3167	35	(38.10)	1.1/2	18902	20	67.00		78924	3
18.00		3406	35	39.00		20726	20	68.00		82758	3
(18.26)	23/32	3406	35	(39.69)	1.9/16	20726	20	(68.26)	2.11/16	82758	3
19.00		3893	35	40.00		20726	20	69.00		86801	3
(19.05)	3/4	3893	35	41.00		22844	20	(69.85)	2.3/4	88428	3
(19.84)	25/32	3908	35	(41.27)	1.5/8	22844	20	70.00		88428	3
20.00		3908	35	42.00		23520	20	71.00		90177	3
(20.64)	13/16	4182	35	(42.86)	1.11/16	24277	20	(71.44)	2.13/16	90177	3
21.00		4182	35	43.00		24277	20	72.00		94301	3
(21.43)	27/32	4419	35	44.00		25662	20	73.00		97796	3
22.00		4419 **	35	(44.45)	1.3/4	25662	20	(73.02)	2.7/8	97796	3
(22.22)	7/8	4689	35	45.00		26569	20	74.00		101495	3
23.00		4966	35	46.00		27553	10	(74.61)	2.15/16	101495	3
(23.02)	29/32	4966	35	(46.04)	1.13/16	27553	10	75.00		105234	3
(23.81)	15/16	5419	35	47.00		28630	10	76.00		110288	3
24.00		5688	35	(47.62)	1.7/8	30107	10	(76.20)	3	110288	3
(24.61)	31/32	5688	35	48.00		30107	10				
25.00		6583	35	49.00		32149	10				
(25.40)	1	6583	35	(49.21)	1.15/16	32149	10				
26.00		7103	35	50.00		34595	10				
(26.19)	1.1/32	7103	35	(50.80)	2	38253	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	2502	25	25	10199	20
8	2592	25	26	11463	20
10	3036	25	27	11463	20
12	3434	25	28	12501	20
13	4323	25	30	12992	20
14	4323	25	32	15083	20
15	4537	25	34	20386	10
16	4537	25	35	20386	10
18	5891	25	36	21779	10
20	6426	20	38	23286	10
22	7345	20	40	26842	10
24	9458	20	42	29899	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	2502	25	24.7	10199	20
7.9	2592	25	25.7	11464	20
9.9	3036	25	26.7	11464	20
11.8	3434	25	27.7	12501	20
12.8	4323	25	29.7	12992	20
13.8	4323	25	31.7	15083	20
14.8	4537	25	33.7	20386	10
15.8	4537	25	34.7	20386	10
17.8	5893	25	35.7	21779	10
19.8	6426	20	37.7	23286	10
21.7	7345	20	39.7	26482	10
23.7	9458	20	41.6	29899	10

For more details please refer our Product Catalogue Page 179.



HSS HAND REAMERS				IS 5444-1978		Inch Sizes		MOQ (No.)
HSS MACHINE REAMERS WITH TAPER SHANK				IS 5445-1978		BS 328		
HSS CHUCKING REAMERS WITH PARALLEL SHANK				IS 5446-1978		(PART 4)		
HSS CHUCKING REAMERS WITH TAPER SHANK				IS 5447-1978		1983		
Dia		Price Per Piece (Rs.)						
mm	Inch	Reamers		Reamers		Chucking Reamers		
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
3.00		1176 **	1176 **	1176	1176	1176	1176	25
(3.17)	1/8	1176	1176 *	1176	1176	1176	1176	25
(3.97)	5/32	1176	1176	1176	1176	1176	1176	25
4.00		1176 **	1176 **	1176	1176	1176	1176	25
(4.76)	3/16	1176	1176	1176	1176	1176	1176	25
5.00		1176 *	1176**	1176	1176	1176	1176	25
(5.56)	7/32	1176	1176	1176	1176	1176	1176	25
6.00		1368 *	1368 *	1368	1368	1368	1368	25
(6.35)	1/4	1368 **	1368 **	1368	1368	1368	1368	25
7.00		1372 **	1372 **	1372	1372	1372	1372	25
(7.14)	9/32	1372	1372	1372	1372	1372	1372	25
(7.94)	5/16	1554 **	1554	1554	1554	1554	1554	25
8.00		1554 *	1554 *	1554	1554	1554 **	1554	25
(8.73)	11/32	1620	1620	1620	1620	1620	1620	25
9.00		1620**	1620 **	1620	1620	1620	1620	25
(9.52)	3/8	1767 **	1767 **	1767	1767	1767	1767	25
10.00		1957*	1957 *	1957	1957	1957	1957	25
(10.32)	13/32	1957	1957	1957	1957	1957	1957	25
11.00		2198 **	2198 **	2198	2198	2198	2198	25
11.11	7/16	2198	2198 **	2198	2198	2198	2198	25
(11.91)	15/32	2285	2285	2285	2285	2285	2285	25
12.00		2285 *	2285 *	2285	2285	2285	2285	25
(12.70)	1/2	2373 **	2373 **	2373	2373	2373	2373	25
13.00		2886 **	2886 **	2886	2886	2886	2886	20
(13.49)	17/32	2886	2886	2886	2886	2886	2886	20
14.00		2886 **	2886 **	2886	2886	2886	2886	20
(14.29)	9/16	2886	2886	2886	2886	2886	2886	20
15.00		2904 **	2904 **	2904	2904	2904	2904	20
(15.08)	19/32	2904	2904	2904	2904	2904	2904	20
(15.87)	5/8	2904	2904	2904	2904	2904	2904	20
16.00		2904 **	2904 *	2904	2904	2904	2904	20
(16.67)	21/32	3344	3344	3344	3344	–	3344	20
17.00		3344 **	3344 **	3344	3344	–	3344	20
(17.46)	11/16	3344	3344	3344	3344	–	3344	20
18.00		3580	3580 *	3580	3580	–	3580	20
(18.26)	23/32	3805	3805	3805	3805	–	3805	20
19.00		3805	3805 **	3805	3805	–	3805	15
(19.05)	3/4	3805	3805 **	3805	3805	–	3805	15
20.00		4243 **	4243 *	4243	4243	–	4243	15
(20.64)	13/16	4323	4323	4323	4323	–	4323	15
21.00		4803	4803 **	4803	4803	–	4803	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		4803 **	4803 **	4803	4803	–	4803	15
(22.22)	7/8	4803	4803 **	4803	4803	–	4803	15
23.00		5605	5605 **	5605	5605	–	5605	15
(23.81)	15/16	6211	6211	6211	6211	–	6211	15
24.00		6211 **	6211 *	6211	6211	–	6211	15
25.00		6223 **	6223 **	6223	6223	–	6223	15
(25.40)	1	6336	6336 **	6336	6336	–	6336	15
26.00		7691	7691 **	7691	7691	–	7691	10
(26.99)	1.1/16	8796	8796	8796	8796	–	8796	10
27.00		8796	8796 **	8796	8796	–	8796	10
28.00		8796	8796 **	8796	8796	–	8796	10
(28.57)	1.1/8	8796	8796	8796	8796	–	8796	10
29.00		9330	9330	9330	9330	–	9330	10
30.00		10067	10067	10067	10067	–	10067	10
(30.16)	1.3/16	10067	10067	10067	10067	–	10067	10
31.00		11119	11119	11119	11119	–	11119	5
(31.75)	1.1/4	11119	11119	11119	11119	–	11119	5
32.00		11119	11119 **	11119	11119	–	11119	5
33.00		12627	12627 **	12627	12627	–	12627	5
(33.34)	1.5/16	12627	12627	12627	12627	–	12627	5
34.00		14186	14186 **	14186	14186	–	14186	5
(34.92)	1.3/8	15522	15522	15522	15522	–	15522	5
35.00		15522	15522 **	15522	15522	–	15522	5
36.00		15522	15522	15522	15522	–	15522	5
(36.51)	1.7/16	15635	15635	15635	15635	–	15635	5
37.00		17037	17037	17037	17037	–	17037	5
38.00		17037	17037 **	17037	17037	–	17037	5
(38.10)	1.1/2	17037	17037	17037	17037	–	17037	5
39.00		18830	18830	18830	18830	–	18830	5
(39.69)	1.9/16	20580	20580	20580	20580	–	20580	5
40.00		20580	20580 **	20580	20580	–	20580	5
41.00		20755	20755	20755	20755	–	20755	3
(41.27)	1.5/8	20755	20755	20755	20755	–	20755	3
42.00		24461	24461	24461	24461	–	24461	3
42.86	1.11/16	24461	24461	24461	24461	–	24461	3
43.00		24461	24461	24461	24461	–	24461	3
44.00		24461	24461	24461	24461	–	24461	3
(44.45)	1.3/4	24461	24461	24461	24461	–	24461	3
45.00		28663	28663 **	28663	28663	–	28663	3
46.00		28663	28663	28663	28663	–	28663	3
47.00		30949	30949	30949	30949	–	30949	3
(47.62)	1.7/8	33241	33241	33241	33241	–	33241	3
48.00		33241	33241	33241	33241	–	33241	3
49.00		33241	33241	33241	33241	–	33241	3
(49.21)	1.15/16	33241	33241	33241	33241	–	33241	3

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



HSS HAND REAMERS HSS MACHINE REAMERS WITH TAPER SHANK HSS CHUCKING REAMERS WITH PARALLEL SHANK HSS CHUCKING REAMERS WITH TAPER SHANK						IS 5444-1978 IS 5445-1978 IS 5446-1978 IS 5447-1978	Inch Sizes BS 328 (PART 4) 1983	
Dia		Price Per Piece (Rs.)						MOQ (No.)
mm	Inch	Reamers		Reamers		Chucking Reamers		
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
50.00		33241	33241	33241	33241	–	33241	3
(50.80)	2	33241	33241	33241	33241	–	33241	3
51.00		33241	33241	33241	33241	–	–	3
52.00		39623	39623	39623	39623	–	–	3
(52.39)	2.1/16	39623	39623	39623	39623	–	–	3
53.00		39623	39623	39623	39623	–	–	3
(53.97)	2.1/8	39623	39623	39623	39623	–	–	3
54.00		39623	39623	39623	39623	–	–	3
55.00		46009	46009	46009	46009	–	–	3
(55.56)	2.3/16	46009	46009	46009	46009	–	–	3
56.00		46009	46009	46009	46009	–	–	3
57.00		46009	46009	46009	46009	–	–	3
(57.15)	2.1/4	46009	46009	46009	46009	–	–	3
58.00		49227	49227	49227	49227	–	–	3
(58.74)	2.5/16	49227	49227	49227	49227	–	–	3
59.00		49227	49227	49227	49227	–	–	3
60.00		58406	58406	58406	58406	–	–	3
(60.32)	2.3/8	58406	58406	58406	58406	–	–	3
61.00		58406	58406	58406	58406	–	–	3
(61.91)	2'7/16	58406	58406	58406	58406	–	–	3
62.00		58406	58406	58406	58406	–	–	3
63.00		58406	58406	58406	58406	–	–	3
(63.50)	2.1/2	58406	58406	58406	58406	–	–	3
64.00		58406	58406	58406	58406	–	–	2
65.00		–	70517	–	70517	–	–	2
(65.09)	2.9/16	70517	70517	70517	70517	–	–	2
66.00		–	72896	–	72896	–	–	2
(66.67)	2.5/8	72896	72896	72896	72896	–	–	2
67.00		–	72896	–	72896	–	–	2
68.00		–	78146	–	78146	–	–	2
(68.26)	2.11/16	78146	78146	78146	78146	–	–	2
69.00		–	78146	–	78146	–	–	2
(69.85)	2.3/4	78146	78146	78146	78146	–	–	2
70.00		–	78146	–	78146	–	–	2
71.00		–	78146	–	78146	–	–	2
(71.44)	2.13/16	82105	82105	82105	82105	–	–	2
72.00		–	95467	–	95467	–	–	2
73.00		–	95467	–	95467	–	–	2
(73.02)	2.7/8	95467	95467	95467	95467	–	–	2
74.00		–	95467	–	95467	–	–	2
(74.61)	2.15/16	95467	95467	95467	95467	–	–	2
75.00		–	100427	–	100247	–	–	2
76.00		–	100247	–	100247	–	–	2
(76.20)	3	100247	100247	100247	100247	–	–	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	2250	30	5/16 x 125 x 200	2250	30
8 x 175 x 250	2404	30	5/16 x 175 x 250	2404	30
8 x 200 x 300	2637	30	5/16 x 200 x 300	2637	30
8 x 225 x 300	3308	30	3/8 x 125 x 200	2826	30
9 x 125 x 200	2194	30	3/8 x 175 x 250	3015	30
9 x 175 x 250	2527	30	3/8 x 200 x 300	3199	30
10 x 125 x 200	2826	30	7/16 x 160 x 250	3349	30
10 x 175 x 250	3015	30	7/16 x 200 x 300	3529	30
10 x 200 x 300	3199	30	1/2 x 175 x 200	3775	30
10 x 300 x 400	3419	30	1/2 x 200 x 300	3816	30
12 x 160 x 250	3349 **	30	9/16 x 200 x 300	4486	30
12 x 200 x 300	3529	30	9/16 x 250 x 350	4754	30
13 x 200 x 300	4035	30	5/8 x 200 x 300	4486	30
14 x 160 x 250	3761	30	5/8 x 250 x 350	4801	30
14 x 200 x 300	4417	30	5/8 x 300 x 400	5018	30
15 x 200 x 300	4486	30	11/16 x 200 x 300	5568	30
15 x 300 x 400	5018	30	3/4 x 200 x 300	5910	30
16 x 200 x 300	4272	30	3/4 x 300 x 400	6289	30
16 x 300 x 400	5018	30	13/16 x 200 x 300	7447	30
17 x 200 x 300	5060	30	7/8 x 200 x 300	8821	20
18 x 200 x 300	5563	30	7/8 x 300 x 400	9011	20
19 x 200 x 300	5910	30	1 x 275 x 400	10859	20
20 x 200 x 300	6556	30	1 x 200 x 315	9668	20
20 x 300 x 400	7408	30	1-1/8 x 275 x 400	16497	20
22 x 200 x 300	7447	20	-	-	-
25 x 200 x 315	9668	20	-	-	-
25 x 275 x 400	10865	20	-	-	-
26 x 275 x 400	13427	20	-	-	-
28 x 175 x 400	15423	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	1912	20	29	11291	5
7	2035	20	30	11291	5
8	2035	20	31	13071	5
9	2204	20	32	13071	5
10	2513	20	33	15351	5
11	2513	20	34	17677	5
12	2880	20	35	17677	5
13	3421	20	36	18966	5
14	3421	20	37	20276	5
15	3762	20	38	20276	5
16	3762	15	39	20276	5
17	4344	15	40	23307	5
18	4864	15	41	23307	5
19	4864	15	42	26039	3
20	5305	15	43	26039	3
21	6120	15	44	28610	3
22	6120	15	45	31070	3
23	6120	15	46	31070	3
24	7880	10	47	33873	3
25	8541	10	48	36837	3
26	9547	10	49	36837	3
27	9547	10	50	40954	3
28	10374	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	1912	20	15/16	7548	15
9/32	2035	20	1	8194	10
5/16	2035	20	1.1/16	9190	10
11/32	2132	20	1.1/8	9991	10
3/8	2132	20	1.3/16	10879	5
13/32	2471	20	1.1/4	12577	5
7/16	2471	20	1.5/16	14736	5
15/32	2669	20	1.3/8	16428	5
1/2	2731	20	1.7/16	18240	5
9/16	3322	20	1.1/2	19509	5
5/8	3580	20	1.5/8	20056	5
11/16	4243	15	1.3/4	26977	3
3/4	4687	15	1.7/8	32519	3
13/16	5139	15	2	39408	3
7/8	5891	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	3874	5	64	16420	3
24, 25	3874	5	65, 66	16577	3
26, 27	4104	5	67	18187	3
28	4405	5	68, 69	18187	3
29	4616	5	70	18187	3
30	4639	5	71	20018	3
31	4824	5	72, 73	20223	3
32	4855	5	74, 75	21978	3
33	5098	5	76	22192	3
34	5304	5	77, 78	24641	3
35	5364	5	79	24895	3
36	5587	5	80	27288	3
37	5804	5	81	27288	3
38	5884	5	82	27288	3
39, 40	6178	5	83	29151	3
41	6451	5	84	29151	3
42, 43	7320	5	85	29434	3
44	7426	5	86	31229	3
45	7745	5	87	31229	3
46	7745	5	88	31229	3
47	8113	5	89	31528	3
48	8275	5	90	36923	3
49	8332	5	91	37290	3
50	8672	5	92	37290	3
51	9516	5	93	38601	3
52, 53, 54	9605	5	94	38601	3
55, 56	10540	5	95	38982	3
57	10540	5	96	44665	3
58, 59	11816	5	97	44665	3
60	11816	5	98	45003	3
61	14141	5	99, 100	49818	3
62, 63	14276	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	3885	5	2-1/8	9516	5
1-1/16	4104	5	2-1/4	10364	5
1-1/8	4365	5	2-3/8	11561	5
1-3/16	4554	5	2-1/2	14141	5
1-1/4	4824	5	2-5/8	16420	3
1-5/16	5067	5	2-3/4	18009	3
1-3/8	5304	5	2-7/8	20196	3
1-7/16	5541	5	3	21978	3
1-1/2	5783	5	3-1/8	24641	3
1-9/16	6107	5	3-1/4	27051	3
1-5/8	6376	5	3-3/8	29151	3
1-11/16	7249	5	3-1/2	31229	3
1-3/4	7399	5	3-5/8	36946	3
1-13/16	7671	5	3-3/4	38601	3
1-7/8	7930	5	3-7/8	44665	3
1-15/16	8283	5	4	49348	3
2	8583	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	2043	25	23	8149	10
7.4	2043	25	23.5	8149	10
8.4	2392	25	24	8863	10
9.4	2701	25	25	8863	10
10	2988	25	26	9991	10
11	2988	25	27	9991	10
11.5	3491	25	28	10813	10
12	3491	25	29	11673	10
13	3805	15	30	11673	10
13.5	3805	15	31	12857	5
14	3805	15	32	12857	5
15	4417	15	33	13833	5
17	5449	15	34	14841	5
17.5	5449	15	35	14841	5
18	6120	15	36	15836	5
19	6120	15	37	16883	5
20	6726	10	40	26842	3
21	7473	10	43	31769	3
21.5	7473	10	49	43210	3
22	7473	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	1997	25	15/16	8149	10
5/16	2225	25	1	8863	10
3/8	2543	25	1.1/16	9644	10
7/16	2988	25	1.1/8	10360	10
1/2	3229	25	1.3/16	11205	10
9/16	3805	15	1.1/4 MT3	12501	5
5/8	4417	15	1.1/4 MT4	12857	5
11/16 MT2	4444	15	1.5/16	13233	5
11/16 MT3	5449	15	1.3/8	14186	5
3/4	6120	15	1.7/16	15161	5
13/16	6499	10	1.1/2	16883	5
7/8	7473	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	2701	3204	35	4	9947	11850	35
1	2971	3380	35	5	20276	21779	20
2	4137	5018	35	6	35779	49888	5
3	6014	7523	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	2526	2526	20	16	5722**	5722	10
4	2526	2526	20	20	8898	8898	10
5	2526 **	2526	20	25	9441	9441	10
6	2526 *	2526	20	30	12704	12704	10
8	3419 **	3419	20	32	13958	13958	10
10	3792 **	3792	20	40	24960	24960	5
12	4577 **	4577	15	50	43258	43258	3
14	5139	5139	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	2353	–	25	3/8	3281 **	3281	25
5/32	2353	2353	25	13/32	3681	3681	25
11/64	2353	2353	25	7/16	3790	3790	25
3/16	2353	2353	25	1/2	4283	4283	25
7/32	2353	2353	25	9/16	4952	4952	25
1/4	2353 **	2353	25	5/8	5508	5508	25
9/32	2575	2575	25	3/4	6944	6944	20
5/16	2851	2851	25	7/8	8568	8568	20
11/32	3217	3217	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	1250 **	20	5/8	2410	20
3/8	1437 **	20	3/4	2962	20
1/2	1772	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)	2802	3	80	80	13585	3
	(32)	3501	3		100	15639	3
	(50)	4359	3	100	(40)	11288	2
	(70)	5843	3		(70)	17098	2
50	(25)	3589	3	100	(90)	21185	2
50	40	4251	3		(110)	29761	2
	63	5565	3		125	36254	2
	80	7221	3	125	(50)	25483	2
63	(32)	5110	3		(80)	36148	2
63	50	6444	3	125	(110)	48647	2
	70	8480	3		(125)	54423	2
	(90)	9957	3		140	60531	2
80	(36)	7221	3	160	125	90554	2
	63	11481	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 LIFT 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	4568	3	5759	3	6381	3	8069	3	11636	3
2	6762	3	8862	3	10640	3	14125	3	19538	3
3	8996	2	12039	2	14857	2	20169	2	27598	2
4	11207	2	15301	2	19129	2	25705	2	36148	2
5	13514	2	21517	2	28130	2	35688	2	44504	2
6	15815	2	27404	2	33474	2	41722	2	52889	2
7	18044	2	31970	2	38884	2	49739	2	61929	2
8	21129	2	36518	2	44295	2	56655	2	69785	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	12743	3	18711	3	31205	3	5	31340	2	46111	2	63598	2
3	16130	2	25030	2	42035	2	6	39739	2	54258	2	74565	2
4	21692	2	31874	2	52902	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	3284	4083	4	150	28		24775	31045	4
	6		3413	4251	4		32		26629	33869	4
	8		3501	4367	4	160	6	40	14617	16324	3
	10		3720	4648	4		8		15534	17356	3
63	6	22	4023	5199	4		10		16457	18384	3
63	8	22	4251 **	5673	4	160	12	40	17361	19385	3
	10		4622 **	5843	4		14		18274	20423	3
	12		4822	6295	4		16		19351	21444	3
	14		4967	6753	4		18		20723	23727	3
	16		5211	7285	4		20		21758	23727	3
63	18	22	5557	7501	4	160	22	40	23040	26301	3
80	6	27	4404	5528	4		25		24868	30497	3
	8		4881	6016	4		28		26629	31754	3
	10		5211	6883	4		32		28985	34623	3
	12		5557	7285	4	200	6	40	19129	21216	3
80	14	27	5910	7815	4	200	8	40	20639	22849	3
	16		6182	7975	4		10		22337	25112	3
	18		6883	9032	4		12		25818	28390	3
	20		7182	9472	4		14		27501	30376	3
100	6	32	6295	7634	4		16		29200	32396	3
100	8	32	6729	8170	4	200	18	40	32588	36733	3
	10		7439	8757	4		20		32942	37855	3
	12		7975 **	9734	4		22		35971	41175	3
	14		8448	9957	4		25		39357	45216	3
	16		9032	10742	4		28		41436	48024	3
100	18	32	9632	11043	4	200	32	40	46057	53826	3
	20		10372	11661	4	225	6		24640	26723	3
	22		10859	13334	4		8		26896	29416	3
	25		11799	14537	4		10		29278	31687	3
125	6	32	8826	10950	4		12		34083	37195	3
125	8	32	9472	11799	4	225	14		36537	40216	3
	10		10148	13728	4		16		39035	43203	3
	12		11567	14253	4		18		44035	50069	3
	14		12530	15227	4		20		44035	50069	3
	16		13060	15815	4		22		48612	55443	3
125	18	32	14007	18038	4	225	25		53234	60638	3
	20		14504	19461	4		28		57963	65541	3
	22		16017	21147	4		32		62685	70417	3
	25		17514	21991	4	250	6		28278	30981	3
	28		19721	25174	4		8		31163	33692	3
150	6		10742	13813	4	250	10		33852	36368	3
	8		11684	14943	4		12		39596	43362	3
	10		12678	16101	4		14		42866	46724	3
	12		14683	18547	4		16		46025	50069	3
	14		15704	19721	4		18		52026	57923	3
150	16		16732	20917	4	250	20		52026	57923	3
	18		18787	23201	4		22		57574	64187	3
	20		18787	23201	4		25		63477	69897	3
	22		20859	25707	4		28		69003	77340	3
	25		22868	28313	4		32		74470	84811	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	4023		4	5	5/16	9472	11799	4
	5/16	4214		4		3/8	10148	13728	4
	3/8	4404		4		7/16	10859	13971	4
	7/16	4603		4		1/2	11567	14253	4
	1/2	4801		4		5/8	13060	15815	4
2.1/2	5/8	5146		4	5	3/4	14504	18044	4
	3/4	5496		4		7/8	16017	20917	4
	7/8	5865		4		1	17514	21991	4
	1	6277		4		1.1/4	20228		4
	1.1/4	7056		4		1.1/2	23013		4
2.1/2	1.1/2	7862		4	6	1/4	10742	13813	3
	3	4458	5598	4		5/16	11684	14943	3
	5/16	4685	5953	4		3/8	12678	16101	3
	3/8	4967	6653	4		7/16	13679	17305	3
	7/16	5199	6762	4		1/2	14683	18547	3
3	1/2	5473	6883	4	6	5/8	16727	20917	3
	5/8	6002	7706	4		3/4	18787 **	23201	3
	3/4	6444	8186	4		7/8	20859	25707	3
	7/8	7171	8926	4		1	22868	28296	3
	1	7750	9632	4		1.1/4	26629		3
3	1.1/4	8556		4	6	1.1/2	30376		3
	1.1/2	9777		4		7	1/4	15928	18044
3.1/2	1/4	5297		4	7	5/16	17235	20710	3
	5/16	5598		4		3/8	18544	22338	3
	3/8	5953		4		7/16	19784	23457	3
3.1/2	7/16	6306		4	7	1/2	21369	24519	3
	1/2	6614		4		5/8	23924	28757	3
	5/8	7331		4		3/4	26533	32167	3
	3/4	8031		4		7/8	29170	35389	3
	7/8	8658		4		1	31775	38551	3
3.1/2	1	9523		4	7	1.1/4	36970		3
	1.1/4	10773		4		1.1/2	42225		3
	1.1/2	12141		4		8	1/4	19129	21245
4	1/4	6277	7634	4	8	5/16	20639	22849	3
	5/16	6729	8170	4		3/8	22337	25112	3
4	3/8	7182 **	8658	4	8	7/16	24075	26752	3
	7/16	7634	9187	4		1/2	25818	28390	3
	1/2	7975 **	9734	4		5/8	29200	32396	3
	5/8	9032	10742	4		3/4	32588	36846	3
	3/4	9957	12259	4		7/8	35971	41175	3
4	7/8	10859	13334	4	8	1	39357	45205	3
	1	11799	14537	4		1.1/4	46050		3
	1.1/4	13409		4		1.1/2	52741		3
	1.1/2	14771		4		9	1/4	24640	27217
5	1/4	8826	10330	4		5/16	26896	29416	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	29278	31687	3	10	5/16	31163	33692	3
	7/16	31555	34874	3		3/8	33852	36368	3
	1/2	34084	37242	3		7/16	36380	38043	3
	5/8	39035	43203	3		1/2	39596	43362	3
	3/4	43248	50069	3		5/8	46025	50069	3
9	7/8	48612	55443	3	10	3/4	52026	57923	3
	1	53234	57557	3		7/8	57576	64187	3
	1.1/4	62685	70417	3		1	63479	69897	3
	1.1/2	72161	80488	3		1.1/4	74470	84811	3
	1.3/4	88490	98175	3		1.1/2	86354	97450	3
10	1/4	28278	30981	3	1.3/4	104868	117104	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	2980	4	100	6	5759	2	160	12	16745	2	
	6	3221	4		8	6181	2		14	17842	2	
	8	3417	4		10	6729	2		16	19103	2	
	10	3568	4		12	7331	2		18	20331	2	
63	5	3495	4	100	14	7885	2	160	20	21692	2	
63	6	3495	4		16	8485	2		22	23097	2	
	8	3658	4		18	8979	2		25	25075	2	
	10	4023	4		20	9177	2		28	26477	2	
	12	4367	4		22	10250	2		32	29963	2	
63	14	4622	4	125	25	10950	2	200	12	24624	2	
	16	4967	4		8	8826	2		14	26016	2	
	18	5338	4		10	9653	2		16	27667	2	
	80	5	4890		2	12	10528		2	18	29616	2
		6	4890		2	14	11605		2	20	31704	2
80	8	5211	2	125	16	12376	2	200	22	34065	2	
	10	5562	2		18	13409	2		25	36726	2	
	12	6229	2		20	14201	2		28	39799	2	
	14	6729	2		22	15126	2		32	44300	2	
	16	7151	2		25	16559	2		36	48797	2	
80	18	7555	2	160	28	18274	2		40	53428	2	
	20	8031	2		10	15904	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	2421	4		5/16	3788	3		5/16	7285	3
	5/16	2624	4	3 1/2	3/8	4096	3		3/8	7926	3
	3/8	2806	4		7/16	4404	3	5	7/16	8593	3
	7/16	2962	4		1/2	4722	3		1/2	9258	3
	1/2	3129	4		5/8	5376	3		5/8	10528	3
2.1/2	5/8	3501	4		3/4	5843	3		3/4	11567	3
	3/4	3749	4	3 1/2	7/8	6306	3		7/8	12625	3
	7/8	4011	4		1	6762	3	5	1	13679	3
	1	4251	4	4	3/16	4161	3	6	1/4	8593	3
3	1/4	2767	4		1/4	4161	3		5/16	9524	3
3	5/16	2980	4		5/16	4648	3		3/8	10444	3
	3/8	3204	4	4	3/8	5072	3		7/16	11379	3
	7/16	3501	4		7/16	5910	3	6	1/2	12327	3
	1/2	3679	4		1/2	5953	3		5/8	14198	3
	5/8	4142	4		5/8	7441	3		3/4	15744	3
3	3/4	4513	4		3/4	7555	3		7/8	17305	3
	7/8	4982	4	4	7/8	8696	3		1	18919	3
	1	5496	4		1	8955	3				
3.1/2	1/4	3451	3	5	1/4	6653	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	3101	3	80	32	22	70, 75, 80	7221	3
			75, 80, 85								
63	18	22	60, 65, 70	4622	3	100	36	27	70, 75, 80	10835	3
			75, 80, 85								
63	26	22	70, 75, 80	5496	3						

HSS SINGLE ANGLE CUTTERS RH CUTTERS

BS : 122 (PART 1) 1953

Width Inch	Angle (Degrees)	Price Per Piece (Rs.) Dia Inch		MOQ (No.)	Width Inch	Angle (Degrees)	Price Per Piece (Rs.) Dia Inch		MOQ (No.)
		2-3/4"	3"				2-3/4"	3"	
5/16	30	3845	4251	3	1/2"	45, 50, 55, 60, 65, 70, 80	4458	5034	3
7/16	40	4214	4807	3	5/8"	50,60,65,70,80	4967	5598	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	3413	4
			65, 70, 75 & 80		4
63	18	22	12 x 55, 15 x 60	4668	4
			65, 70, 75 & 80		4
50	14	16	20 x 90	3720	4
63	20	22	20 x 90	4890	4
50	16	16	25 x 100	4023	4
63	22	22	25 x 100	5288	4
80	32	22	15 x 65, 70, 75	7221	3
100	36	27	15 x 70, 75, 80	10835	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	4458	3	3	5/8	1-1/4	5562	3
	3/4	1	5376	3		3/4	1-1/4	5598	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	3004	3	80	12	27	45	4489	3
50	10	16	60	3137	3	80	18	27	60	5086	3
50	14	16	90	3536	3	80	22	27	90	5759	3
63	10	22	45	3658	3	100	18	32	45	7097	3
63	14	22	60	4049	3	100	25	32	60	8301	3
63	20	22	90	4682	3	100	32	32	90	9714	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	3413	3	80	16	22	45	4881	3
56	12	16	60	3568	3	80	20	22	60	5297	3
56	14	16	90	3845	3	80	22	22	90	5759	3
63	12	22	45	3845	3	100	18	27	45	7097	3
63	16	22	60	4251	3	100	25	27	60	8301	3
63	18	22	90	4458	3	100	28	27	90	8996	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	3845	3	3	5/16	30, 40	4251	3
2.3/4	7/16	40	4023	3	3	7/16	30, 40	4458	3
2.3/4	1/2	45, 60, 90	4023	3	3	1/2	45, 60, 90	4458	3
2.3/4	5/8	60, 90	4458	3	3	5/8	60, 90	4881	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	4096	2	80	12.6	6.3	27	6748	2
50	4	2	16	4096	2	80	16	8	27	7407 **	2
63	5	2.5	22	5146	2	100	20	10	32	11367	2
63	6	3	22	5146	2	100	24	12	32	12542	2
63	6.3	3.15	22	5146	2	100	25	12.5	32	13264	2
63	8	4	22	5146	2	125	32	16	32	21922	2
63	10	5	22	5673	2	125	40	20	32	26414	2
80	12	6	27	6748	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	4096	2	70	16	8	22	6729	2
50	3.2	1.6	22	4096	2	90	18	9	27	8996	2
50	4	2	22	4096	2	90	20	10	27	9472	2
56	5	2.5	22	4850	2	90	22	11	27	10439	2
56	6	3	22	4850	2	90	24	12	27	11186	2
63	6	3	22	5146	2	90	25	12.5	27	11567	2
63	8	4	22	5146	2	100	28	14	32	14268	2
63	10	5	22	5673	2	110	32	16	32	18044	2
70	12	6	22	6116	2	110	36	18	32	23819	2
70	14	7	22	6729	2	125	40	20	40	26414	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	4890	2	80	24	6.3	27	10144	2
50	9	2	16	5115	2	80	32	8	27	11927	2
63	10	2.5	22	5612	2	100	36	10	32	16617	2
63	12	3	22	6042	2	100	40	12	32	17514	2
63	12	3.15	22	6042	2	100	40	12.5	32	17514	2
63	16	4	22	6217	2	125	50	16	32	36903	2
63	20	5	22	7295	2	125	60	20	32	40106	2
80	24	6	27	10082	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	5146	2	90	40	10	27	15815	2
56	8	1.6	22	5146	2	100	42	11	27	18445	2
56	9	2	22	5408	2	100	44	12	27	19064	2
56	10	2.5	22	5562	2	100	46	12.5	27	19435	2
63	14	3.5	22	6229	2	100	50	14	27	21387	2
70	24	6	22	8696	2	125	56	16	32	29440	2
70	28	7	22	9127	2	125	62	18	32	40106	2
90	36	9	27	14253	2	125	70	20	32	42225	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	4359	5146	2	3	3/4	1	7862	11354	2
2.1/4	3/16	1	4648	5336	2	3.1/4	13/16	1	8896	13585	2
2.1/4	1/4	1	4857	5686	2	3.1/4	7/8	1	9472	13813	2
2.1/2	5/16	1	5146	6229	2	3.1/2	15/16	1	10610	16164	2
2.1/2	3/8	1	5483	6753	2	3.1/2	1	1	11097	16392	2
2.1/2	7/16	1	5683	7295	2	4	1.1/8	1.1/4	14268	20040	2
2.1/2	1/2	1	6118	7779	2	4	1.1/4	1.1/4	15704	21387	2
2.3/4	9/16	1	6229	9127	2	4.1/4	1-3/8	1.1/4	21612	28182	2
2.3/4	5/8	1	6762	9356	2	4.1/4	1-1/2	1.1/4	23379	32296	2
3	11/16	1	7501	11179	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	4142	2	80	12	6.3	27	7261	2
50	5	2	16	4142	2	80	16	8	27	7815	2
63	5	2.5	22	5034	2	100	18	10	32	15463	2
63	6	3	22	5034	2	100	20	12	32	16123	2
63	6	3.15	22	5034	2	100	20	12.5	32	16123	2
63	8	4	22	5267	2	125	24	16	32	21762	2
63	10	5	22	5612	2	125	28	20	32	25267	2
80	12	6	27	7261	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	4359	2	100	11	21	27	16622	2
56	2.0	4.5	22	4359	2	100	12	22	27	16622	2
56	2.5	5	22	4359	2	100	12.5	22	27	16622	2
63	3.5	7	22	5267	2	100	14	25	27	17606	2
70	6.0	12	22	6002	2	100	16	28	32	18920	2
70	7.0	14	22	6306	2	100	18	31	32	24182	2
90	9.0	18	27	9435	2	125	20	35	32	25718	2
90	10.0	20	27	10250	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	4568	6455	2	3	3/8	1	7562	10778	2
2.1/4	3/32	1	4568	6455	2	3.1/4	13/32	1	8565	12376	2
2.1/4	1/8	1	4568	6455	2	3.1/4	11/16	1	8565	12376	2
2.1/2	5/32	1	5146	7261	2	3.1/2	15/32	1	10179	14943	2
2.1/2	3/16	1	5146	7261	2	3.1/2	1/2	1	10179	14943	2
2.1/2	7/32	1	5440	7780	2	3.1/2	9/16	1	11207	16715	2
2.1/2	1/4	1	5440	7780	2	3.1/2	5/8	1	11207	16715	2
2.3/4	9/32	1	6381	9257	2	3.3/4	11/16	1	16486	23616	2
2.3/4	5/16	1	6381	9257	2	3.3/4	3/4	1	16486	23616	2
3	11/32	1	7562	10779	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	–	2754	–	–	–	–	2
0.75	–	2754	–	–	–	–	2
1	2754	2754	–	–	–	–	2
1.25	2893	–	–	–	–	–	2
1.5	3161	3161	–	–	–	–	2
1.75	3161	–	3548	4029	–	–	2
2	–	3548	3548	4029	–	–	2
2.25	–	3548	3548	4029	–	–	2
2.5	–	3912	3912	4556	–	–	2
2.75	–	3912	3912	4556	–	–	2
3	–	4225	4225	5337	–	–	2
3.25	–	–	4441	5621	–	–	2
3.5	–	4668	4668	5724	–	–	2
3.75	–	–	5277	6253	–	–	2
4	–	5277	5277	5928	–	–	2
4.5	–	–	6315	7842	–	–	2
5	–	–	6632	7964	–	–	2
5.5	–	–	7964	8876	–	–	2
6	–	–	9949	10098	–	–	2
6.5	–	–	11372	12012	–	–	2
7	–	–	–	12634	–	–	2
8	–	–	–	14574	–	–	2
9	–	–	–	22380	22380	25512	2
10	–	–	–	24472	25367	27448	2
11	–	–	–	26560	29187	30597	2
12	–	–	–	28260	30597	32235	2
14	–	–	–	35594	36290	39923	2
16	–	–	–	–	–	49993	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	49993		-	-	2	11	-	-	4029	3548	2
1.75	39922	39922	36101	-	2	12	-	-	4029	3548	2
2	32235	30597	28260	-	2	13	-	-	-	3496	2
2.25	30597	29187	26560	-	2	14	-	-	-	3161	2
2.5	27448	25367	24472	-	2	15	-	-	-	3161	2
2.75	25512	22380	22380	-	2	16	-	-	-	3161	2
3	-	-	14574	-	2	18	-	-	-	2895	2
4	-	-	10098	9949	2	20	-	-	-	2895	2
5	-	-	7964	6632	2	22	-	-	-	2754	2
6	-	-	5924	5277	2	24	-	-	-	2754	2
7	-	-	5724	4668	2	26	-	-	-	2754	2
8	-	-	5338	4225	2	28	-	-	-	2754	2
9	-	-	4556	3912	2	30	-	-	-	2754	2
10	-	-	4470	3873	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	7285	7285	7285	2	0.75	0.475	12743	12743	12965	2
0.375	0.25	7194	7555	7555	2	1	0.625	24699	24699	24069	2
0.5	0.305	8534	8534	8534	2	1.25	0.75	28970	26794	26794	2
0.5	0.335	8534	8534	8534	2	1.5	1	29170	28970	30107	2
0.625	0.325	8534	8534	8534	2	1.75	1.1	39406	38959	38696	2
0.625	0.4	9563	9563	9563	2	2	1.15	57716	53086	51567	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	5297	4	100	50	32	19129	3
50	36	22	6444 **	4	125	56	40	32072	3
63	40	27	8480 **	4	160	63	50	60531	3
80	45	27	12530	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	3644	4	3	1.3/4	1.1/4	11179	4
1.1/2	1.1/8	1/2	4458	4	3.1/2	1.7/8	1.1/4	13938	3
1.3/4	1.1/4	3/4	5297	4	4	2.1/4	1.1/2	20499	3
2	1.3/8	3/4	6021	4	4.1/2	2.1/4	1.1/2	24576	3
2.1/4	1.1/2	1	7261	4	5	2.1/4	1.1/2	32072	3
2.1/2	1.5/8	1	8445	4	5.1/2	2.1/4	2	37517	3
2.3/4	1.5/8	1	9603	4	6	2.1/4	2	43269	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	4569	4	3	1.11/16	1.1/8	9523	4
2	1.1/4	3/4	5267	4	4	1.3/4	1.1/8	15928	3
2.1/2	1.1/4	3/4	6653	4	5	2	1.1/2	26794	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	2421	5	5/8	1.1/4	4023	5
9/32	3/4	2886	5	11/16	1.1/2	4622	5
5/16	3/4	2886	5	3/4	1.1/2	4622	5
11/32	3/4	2886	5	13/16	1.1/2	4622	5
3/8	1	3129	5	7/8	1.3/4	5774	5
7/16	1	3129	5	15/16	1.3/4	5774	5
1/2	1	3129	5	1	1.3/4	5774	5
9/16	1.1/4	4023	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	1453	35	16.5	5	2024 **	30	28.5	6	4243 **	15
10.5	2.5	1453	35	19.5	4	2300	30	28.5	8	4243	15
10.5	3	1453	35	19.5	5	2300	30	28.5	10	4243	15
13.5	3	1817	30	19.5	6	2300 **	30	32.5	7	5018	10
13.5	4	1817 **	30	22.5	5	2615	25	32.5	8	5018	10
16.5	3	2024 **	30	22.5	6	2615 **	25	32.5	10	5018	10
16.5	4	2024	30	22.5	8	2615	25	45.5	10	8522	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	1550	30	607	2962	25	1210	5243	10
304	1550	30	807	2962	25	1011	6380	10
404	1550	30	608	3580 **	25	1211	6380	10
305	2149	30	808	3580	25	812	7208	10
405	2149	30	1008	3580	25	1012	7208	10
505	2149	30	609	4430	15	1212	7208	10
406	2523	30	809	4430 **	15			
506	2523	30	1009	4430	15			
606	2523	30	810	5243 **	10			
507	2962	25	1010	5243	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

Dia mm	Length mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Length mm	Price Per Piece (Rs.)	MOQ (No.)
10	18	5528	20	22	40	19376	15
12	21	6040	20	28	50	25117	10
14	25	11611	20	36	60	45263	5
18	32	14538	15	42	72	54929	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	4441	20	7/8	1-45/64	16618	15
5/16	45/64	5009	20	1	1-61/64	20580	10
3/8	53/64	5476	20	1-1/8	2-1/8	26565	5
7/16	61/64	5804	20	1-1/4	2-5/16	31602	5
1/2	1-5/64	7011	20	1-3/8	2-1/2	39006	5
5/8	1-21/64	11348	15	1-1/2	2-3/4	49940	3
3/4	1-33/64	14092	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	3137	15	28	10548	15	43	20370	10
14.5	3506	15	29	11119	15	46	23194	10
16.5	4024	15	31	12122	15	48	25176	3
17.5	4328	15	33	13888	10	51	28419	3
19.5	5110	15	34	14806	10	53	30876	3
20	5358 **	15	36	16092	10	55	33987	3
22	6132 **	15	37	16769	10	57	37342	3
23	7039	15	39	18169	10	59	41377	3
25	8522	15	41	19704	10	61	46098	3
26	9445 **	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	1861	15	11/16	7/16	4328	15	1-1/4	3/4	12122	15
5/16	3/16	2117	15	3/4	1/2	4864	15	1-3/8	13/16	14806	10
3/8	7/32	2363	15	13/16	9/16	5394	15	1-1/2	7/8	17200	10
7/16	1/4	2444	15	7/8	5/8	6132 **	15	1-5/8	15/16	19715	10
1/2	5/16	2751	15	15/16	5/8	7208	15	1-3/4	1	22335	10
9/16	3/8	3421	15	1	3/4	8522	15	1-7/8	1 1/8	24810	3
5/8	7/16	3819	15	1-1/8	3/4	10548	15	2	1 1/4	27397	3

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

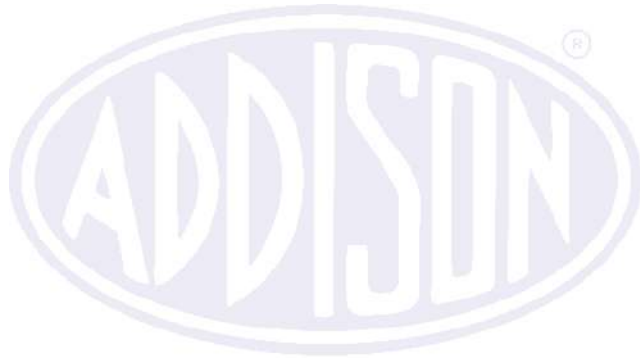
For more details please refer our Product Catalogue page nos. 88 & 89.

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	2065 **	15	1-1/8	6380	15	2	19173 **	3
5/8	2742 **	15	1-1/4	8032 **	15	2 1/4	21737	3
3/4	3108 **	15	1-3/8	9389	10	2 1/2	26977 **	3
7/8	3924	15	1-1/2	11127 **	10	2 3/4	31841	3
1	4935 **	15	1-3/4	16453 **	10	3	38509	3

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





End Mills



HSS END MILLS PARALLEL SHANK

IS: 6353 - 1991

HSS END MILLS TAPER SHANK (TANGED END)

IS: 6354 - 1971

HSS SLOT DRILLS PARALLEL SHANK

IS: 6352 - 1991

HSS SLOT DRILLS TAPER SHANK (TANGED END)

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	678 *	50	1130	25	824 **	50	1259	25
4	678 *	50	1130	25	824 *	50	1259	25
5	678 *	50	1130	25	824 **	50	1259	25
6	758 *	50	1130	25	881 *	50	1259	25
7	852 **	50	1130	25	881 **	35	1259	25
8	852 *	50	1130	25	881 *	35	1384	25
9	852 **	35	1222	25	881	35	1384	25
10	852 *	35	1222	25	916 *	35	1413	25
11	852 **	35	1344	25	916	35	1413	25
12	881 *	35	1344	25	999 **	35	1577	25
13	997 **	35	1857	25				
14	1092 *	35	1857	25	1277 **	35	1979	25
15	1277 **	35	1979	25	1436 **	35	2053	25
16	1277 *	35	1979	25	1436 **	35	2053	25
17	1395 **	35	2416	20				
18	1551 *	35	2416	20	1768 **	35	2355	25
19	1551 **	35	2790	20				
20	1716 *	35	2790	20	1768 **	25	2355	20
21	1925	35	2928	20	2062	25	2926	20
22	1947*	35	2928	20	2062	25	2926	20
23	2112	30	3193	20	2445	25	3484	20
24	2112**	30	3449	20	2445	25	3484	20
25	2269 *	30	3449	20	2445	25	3484	20
26	2354	20	4295	15	3483	20	4808	20
27	2770	20	4802	15				
28	3231 **	20	4802	15			5093	20
29	3231	20	5282	15				
30	3555 *	20	5282	15	4246 **	20	6108	20
31		20	5608	15				
32	3880	20	5608	15	4246 **	20	6108	20
33	4297	15	6781	10				

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



HSS END MILLS PARALLEL SHANK

IS: 6353 - 1991

HSS END MILLS TAPER SHANK (TANGED END)

IS: 6354 - 1971

HSS SLOT DRILLS PARALLEL SHANK

IS: 6352 - 1991

HSS SLOT DRILLS TAPER SHANK (TANGED END)

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	4685	15	7438	10	5107	15	7913	15
35	4685 **	15	7438	10	5107	15	7913	15
36	5107 **	15	8151	10	5483	15	9227	15
37	5504	15	8889	10				
38	5866	15	8889	10	5914	15	9227	15
39	6223	15	10335	10				
40	6608 **	15	10335	10	6330	7	10531	10
41	6608	10	10335	10	7159	7		
42	7522	10	11363	10	7159	7		
43	7522	10	11363	10	7960	7		
44		10	11873	10	7960	7		
45	8428	10	12769	10	7960	7		
46	8428	10	13069	5	8838	7		
47	9272	5	13537	5	8838	7		
48	9272	5	13537	5	8838	7		
49	9272	5	15224	5	9692	7		
50	10198	5	15224	5	9692	7		
51	10198	5	15224	4				
52	12554	5	21330	4				
53	12554	5	21330	4				
54	14874	5	26949	4				
55	17884	5	26949	4				
56	17884	5	26949	4				
57	20799	5	28286	4				
58	20799	5	28286	4				
59	20799	5	28286	4				
60	22208	5	28286	4				
61	22208	5	33917	4				
62	22730	5	33917	4				
63	23119 *	5	33917	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	678	50	1054	25	824	50	1131	25
5/32	678	50	1054	25	824	50	1131	25
3/16	678 **	50	1054	25	824	50	1131	25
7/32	679	50	1080	25	879	50	1239	25
1/4	758**	50	1080	25	881	50	1305	25
9/32	780	50	1080	25	–	–	–	–
5/16	852**	50	1080	25	881	35	1384	25
3/8	852**	35	1173	25	881	35	1384	25
7/16	852	35	1190	25	900	35	1413	25
1/2	881**	35	1344	25	999	35	1577	25
9/16	1092	35	1857	25	1277	35	1979	25
5/8	1277**	35	1979	25	1436	35	2053	25
11/16	1429	35	2231	20	1625	35	2234	25
3/4	1551**	35	2355	20	1768	25	2355	20
13/16	1716	35	2678	20	2062	25	2926	20
7/8	1947	35	2931	20	2062	25	2926	20
15/16	–	–	3181	20	–	–	–	–
1	2269	30	3424	20	2445	25	3484	20
1-1/8	3231	15	4772	15	3483	20	5093	20
1-1/4	3880	15	5608	15	4246	20	6108	20
1-3/8	4685	10	7438	10	5107	15	7913	15
1-1/2	5483	10	8889	10	5914	15	9227	15
1-5/8	6608	10	10335	10	7321	7	–	–
1-3/4	8428	5	11873	10	7960	7	–	–
1-7/8	9293	5	13537	5	8838	7	–	–
2	10176	5	15224	5	9691	7	–	–
2-1/16	12554	5	–	–	–	–	–	–
2-1/8	14874	5	21095	5	–	–	–	–
2-3/16	17884	5	–	–	–	–	–	–
2-1/4	19348	5	26949	–	–	–	–	–
2-5/16	20799	5	–	–	–	–	–	–
2-3/8	22208	5	29410	–	–	–	–	–
2-1/2	25038	5	33917	–	–	–	–	–

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		1296	1525	15	31		9816	11552	10
(3.17)	1/8	1296	1525	15	(31.75)	1.1/4	9816	11552	10
(3.97)	5/32	1296	1525	15	32		9816	11552	10
4		1296	1525	15	33		9816	11552	10
(4.76)	3/16	1296	1525	15	34		9816	11552	10
5		1296	1525	15	(34.92)	1.3/8	9816	11552	10
(5.56)	7/32	1296	1525	15	35		9816	11552	10
6		1296	1525	15	36		9816	11552	10
(6.35)	1/4	1296	1525	15	37		10580	12440	10
7		1464	1717	15	38		11274	13262	10
(7.14)	9/32	1464	1717	15	(38.10)	1.1/2	11274	13261	10
(7.94)	5/16	1464	1717	15	39		11728	13801	10
8		1464	1717	15	40		12465	14661	10
9		1464	1717	15	41		15895	18702	10
(9.52)	3/8	1464	1717	15	(41.27)	1.5/8	15895	18702	10
10		1464 **	1717	15	42		15895	18702	10
11		1690	1986	15	43		15895	18702	10
(11.11)	7/16	1690	1986	15	44	–	–	–	–
12		1741	2051	15	(44.45)	1.3/4	15895	18702	10
(12.70)	1/2	1741	2051	15	45		15895	18702	10
13		2152	2532	15	46		17528	20618	10
14		2152	2532	15	47		17528	20618	10
(14.29)	9/16	2152	2532	15	(47.62)	1.7/8	17528	20618	10
15		2515	2953	15	48		17528	20618	10
(15.87)	5/8	2515	2953	15	49		17528	20619	10
16		2515	2953	15	50		19231	22621	10
17		3066	3603	15	(50.8)	2	19188	22573	10
(17.46)	11/16	3066	3603	15	51		16022	18851	5
18		3066	3603	15	52		34895	41054	5
19		3066	3603	15	(52.39)	2-1/16	41871	49264	5
(19.05)	3/4	3066	3603	15	53		34895	41054	5
20		3395	3995	15	(53.97)	2-1/8	41871	49264	5
(20.64)	13/16	3845	4528	15	54		34895	41054	5
21		3845	4532	15	55		34895	41054	5
22		3845	4532	15	(55.56)	2-3/16	41871	49264	5
(22.22)	7/8	3845	4528	15	56		34895	41054	5
23		4163	4900	15	57		34895	41054	5
(23.81)	15/16	4481	5269	15	(57.15)	2-1/4	41871	49264	5
24		4481	5269	15	58		34895	41054	5
25		4481 **	5269	15	(58.74)	2-5/16	41871	49264	5
(25.40)	1	4481	5269	15	59		34895	41054	5
26		4523	5323	10	60		34895	41054	5
27		6212	7310	10	(60.32)	2-3/8	41871	49264	5
28		6212	7310	10	61		39955	47008	5
(28.57)	1-1/8	6212	7310	10	62		39955	47008	5
29		6212	7310	10	63		39955	47008	5
30		6833	8037	10	(63.50)	2-1/2	47945	56409	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	2463	2739	–	–	–	50
10		2463	2744	3415	3791	4420	50
11		2463	2861	3415	3902	4548	50
(11.11)	7/16	2463	2739	–	–	–	50
12		2529	2925	3609	4106	4785	50
(12.70)	1/2	2529	2808	–	–	–	35
13		2848	3455	–	–	–	35
14		2981	3455	4188	5365	5907	35
(14.29)	9/16	2981	3495	–	–	–	35
15		3729	4298	–	–	–	35
(15.87)	5/8	3729	4375	–	–	–	35
16		3729	4298	5091	5814	7162	35
17		3536	4387	–	–	–	25
(17.46)	11/16	3631	4258	–	–	–	25
18		3729	4387	5292	6130	7553	25
19		3726	4387	–	–	–	25
(19.05)	3/4	3726	4371	–	–	–	25
20		4227	5348	6176	7714	9504	25
(20.64)	13/16	4227	4960	–	–	–	25
21		4452	5348	–	–	–	25
22		4513	5348	6543	7714	9504	25
(22.22)	7/8	4513	5297	–	–	–	25
23		4697	5834	–	–	–	25
(23.81)	15/16	4697	5511	–	–	–	25
24		4697	5834	–	–	–	25
25		4894	5834	7333	8670	10682	25
(25.40)	1	4894	6655	–	–	–	5
26		5302	6294	–	–	–	5
27		5813	7673	–	–	–	5
28		6356	7673	9086	10943	13483	5
(28.57)	1.1/8	6356	7454	–	–	–	5
29		6356	7673	–	–	–	5
30		7065	9002	–	–	–	5
31		7423	9002	–	–	–	5
(31.75)	1.1/4	7423	8386	–	–	–	5
32		7423	9002	–	–	–	5
33		8531	10930	–	–	–	5
34		9037	10930	–	–	–	5
(34.92)	1.3/8	9037	10601	–	–	–	5
35		9037	10930	–	–	–	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		9548	13096	–	–	–	5
37		10280	13096	–	–	–	5
38		10745	13096	–	–	–	5
(38.10)	1.1/2	10044	11785	–	–	–	5
39		11463	14596	–	–	–	5
40		11965	14596	–	–	–	5
41		11965	16693	–	–	–	5
(41.27)	1.5/8	11965	14013	–	–	–	5
42		13689	16693	–	–	–	5
43		13689	16693	–	–	–	5
44		14737	18084	–	–	–	5
(44.45)	1.3/4	14737	17293	–	–	–	5
45		14737	18084	–	–	–	5
46		14737	20042	–	–	–	5
47		16348	20042	–	–	–	5
(47.62)	1.7/8	16348	19183	–	–	–	5
48		16348	20042	–	–	–	5
49		16348	21493	–	–	–	5
50		17456	21493	–	–	–	5
(50.08)	2	17456	20483	–	–	–	5
51		17456	21493	–	–	–	5
52		20593	36162	–	–	–	5
(52.39)	2.1/16	20593	24166	–	–	–	5
53		20593	36162	–	–	–	5
(53.97)	2.1/8	23323	27365	–	–	–	5
54		23323	36162	–	–	–	5
55		26967	36162	–	–	–	5
(55.56)	2.3/16	26967	31641	–	–	–	5
56		26967	36162	–	–	–	5
57		28727	36162	–	–	–	5
(57.15)	2.1/4	28727	33710	–	–	–	5
58		30630	42327	–	–	–	5
(58.74)	2.5/16	30630	35937	–	–	–	5
59		30630	42327	–	–	–	5
60		32436	42327	–	–	–	5
(60.32)	2.3/8	32436	38054	–	–	–	5
61		32436	42327	–	–	–	5
62		32934	42327	–	–	–	5
63		33482	42327	–	–	–	5
(63.50)	2-1/2	33482	39286	–	–	–	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	2902	3420	3195	3759	50
10		2902	3420	3195	3759	50
11		3114	3665	3424	4031	50
(11.11)	7/16	3599	4225	3952	4648	50
12		3198	3761	3518	4137	50
(12.70)	1/2	3599	4225	3952	4648	50
13		3801	4469	4175	4913	35
14		3801	4469	4175	4913	35
(14.29)	9/16	3801	4469	4175	4912	35
15		4697	5530	5168	6076	35
(15.87)	5/8	4697	5530	5168	6076	35
16		4697	5530	5168	6076	35
17		5494	6460	6046	7104	25
(17.46)	11/16	5494	6461	6046	7104	25
18		5494	6461	6046	7104	25
19		5494	6461	6046	7104	25
(19.05)	3/4	5494	6461	6046	7104	25
20		5494	6461	6046	7104	25
(20.64)	13/16	5956	7003	6552	7706	25
21		5956	7003	6552	7707	25
22		5956	7003	6552	7707	25
(22.22)	7/8	5956	7003	6552	7706	25
23		6543	7695	7194	8464	25
(23.81)	15/16	6543	7695	7194	8465	25
24		6543	7695	7194	8464	25
25		6543	7695	7194	8464	25
(25.40)	1	6543	7695	7194	8465	25
26		7026	8263	7512	8840	5
27		9612	11309	10281	12102	5
28		9612	11309	10281	12102	5
(28.57)	1.1/8	9612	11309	10281	12102	5
29		9612	11309	10281	12102	5
30		9612	11309	10281	12102	5
31		13190	15512	14109	16601	5
(31.75)	1.1/4	13817	16254	14785	17394	5
32		13190	15512	14109	16601	5
33		13190	15512	14109	16601	5
34		13190	15512	14109	16601	5
(34.92)	1.3/8	13817	16254	14785	17394	5
35		13190	15512	14109	16601	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		13190	15512	14109	16601	5
37		16640	19574	17803	20941	5
38		16640	19574	17803	20941	5
(38.10)	1.1/2	16640	19574	17803	20945	5
39		16640	19574	17470	20553	5
40		16640	19574	17470	20553	5
41		20688	24339	21722	25558	5
(41.27)	1.5/8	20688	24339	21722	25558	5
42		20688	24339	21722	25558	5
43		20688	24339	21722	25558	5
44		20688	24339	21722	25558	5
(44.45)	1.3/4	20688	24339	21722	25558	5
45		20688	24339	21722	25558	5
46		24648	28997	25880	30444	5
47		24648	28997	25880	30444	5
(47.62)	1.7/8	24648	28997	25880	30444	5
48		24648	28997	25880	30444	5
49		24648	28997	25880	30444	5
50		24648	28997	25880	30444	5
(50.08)	2	24648	28997	25880	30444	5
51		24648	28997	25880	30444	5
52		47824	56267	50215	59076	5
(52.39)	2.1/16	47824	56266	50216	59076	5
53		47824	56267	50215	59076	5
(53.97)	2.1/8	47824	56266	50216	59076	5
54		47824	56267	50215	59076	5
55		47824	56267	50215	59076	5
(55.56)	2.3/16	47824	56266	50216	59076	5
56		47824	56267	50215	59076	5
57		47824	56267	50215	59076	5
(57.15)	2.1/4	47824	56266	50216	59076	5
58		47824	56267	50215	59076	5
(58.74)	2.5/16	47824	56266	50216	59076	5
59		47824	56267	50215	59076	5
60		47824	56267	50215	59076	5
(60.32)	2.3/8	55852	65714	58649	68995	5
61		55852	65714	58649	68995	5
62		55852	65714	58649	68995	5
63		55852	65714	58649	68995	5
63.50	2-1/2	55852	65714	58649	68995	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	1525	1792	35	18	2995	3379	35
4	1525	1792	35	20	3358	3734	35
5	1525	1792	35	22	3637	3847	35
6	1525	1792	35	24	4173	4440	35
7	1682	1792	35	25	4173	4440	35
8	1682	1792	35	26	4657	5039	35
9	1682	1792	35	28	5582	6126	35
10	1767	1909	35	30	5848	6708	35
11	1767	1869	35	32	6749	7313	35
12	1837	2047	35	34	8063	8688	20
13	2105	2161	35	36	9355	9965	20
14	2105	2371	35	38	9355	9965	20
16	2371	2670	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	1525	1583	35	1	4173	5848	35
3/16	1525	1583	35	1 1/16	4657	6428	35
1/4	1525	1583	35	1 1/8	5582	6964	35
5/16	1682	1767	35	1 3/16	5848	7507	35
3/8	1682	1992	35	1 1/4	6749	8254	35
7/16	1767	2153	35	1 5/16	8063	8864	20
1/2	1837	2480	35	1 3/8	8063	9563	20
9/16	2105	2786	35	1 7/16	9355	10335	20
5/8	2371	3146	35	1 1/2	9355	11042	20
11/16	2786	3323	35	1 5/8	10881	13528	20
3/4	2995	3739	35	1 3/4	12172	15572	20
13/16	3358	4232	35	1 7/8	15144	17708	10
7/8	3637	4692	35	2	17531	19895	10
15/16	3894	5073	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	1792	1936	35	1	4440	5848	35
3/16	1792	1936	35	1 1/16	5039	6658	35
1/4	1792	1936	35	1 1/8	6126	7520	35
5/16	1792	1936	35	1 3/16	6708	8161	35
3/8	1792	2047	35	1 1/4	7313	8800	35
7/16	1869	2390	35	1 5/16	8688	9587	20
1/2	2047	2528	35	1 3/8	8688	10335	20
9/16	2371	2978	35	1 7/16	9965	11042	20
5/8	2670	3210	35	1 1/2	9965	11806	20
11/16	3115	3574	35	1 5/8	11589	14006	20
3/4	3379	3894	35	1 3/4	12809	15941	20
13/16	3734	4502	35	1 7/8	15677	17967	10
7/8	3847	4829	35	2	17858	19895	10
15/16	4081	5402	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	333	1000 *	1156	1184	1344	100 / 34
4 x 0.7	333	1000 *	1156	1184	1344	100 / 34
5 x 0.8	347	1040 *	1194	1231	1393	150 / 50
6 x 1.0	354	1063 *	1244	1255	1444	150 / 50
7 x 1.0	452	1356	–	–	–	150 / 50
8 x 1.25	410	1231 *	1427	1450	1658	150 / 50
9 x 1.25	497	1492	–	–	–	150 / 50
10 x 1.50	514	1541 *	1780	1870	2072	150 / 50
11 x 1.50	787	2360	–	–	–	100 / 34
12 x 1.75	784	2353 *	2923	2781	3130	100 / 34
14 x 2.00	1139	3416 *	–	–	–	100 / 34
16 x 2.00	1139	3416 *	3894	4038	4530	100 / 34
18 x 2.50	1820	5460 *	–	–	–	45 / 15
20 x 2.50	2391	7174 *	–	–	–	45 / 15
22 x 2.50	2484	7451 **	–	–	–	45 / 15
24 x 3.00	2790	8371 *	–	–	–	25 / 9
25 x 3.00	3498	10494	–	–	–	25 / 9
27 x 3.00	4314	12943 **	–	–	–	25 / 9
30 x 3.50	4819	14457 *	–	–	–	25 / 9
33 x 3.50	5881	17644	–	–	–	25 / 9
36 x 4.00	8168	24504 **	–	–	–	20 / 7
39 x 4.00	9589	28767	–	–	–	20 / 7
42 x 4.50	11196	33588 *	–	–	–	15 / 5
45 x 4.50	15055	45167	–	–	–	15 / 5
48 x 5.00	16055	48164 **	–	–	–	10 / 4
52 x 5.00	20153	60459	–	–	–	10 / 4
56 x 5.50	28669	86005 **	–	–	–	5 / 2
60 x 5.50	30227	90682	–	–	–	5 / 2
64 x 6.00	31798	95394 **	–	–	–	3 / 1
68 x 6.00	39679	119037	–	–	–	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	706	706	706	–	–	–	100	
5 x 0.8	515	515	515	602 **	–	–	150	
6 x 1.0	553	553	553	652	683	747	150	50
7 x 1.0	598	598	598	–	–	847	150	50
8 x 1.25	598	598	598	712	745	847 **	150	50
9 x 1.25	–	–	–	–	–	–	150	
10 x 1.50	748	748	748	880 **	928	1129	150	50
11 x 1.50	–	–	–	–	–	–	100	
12 x 1.75	1055	1055	1055	1250 **	1343	1733	100	25
14 x 2.00	1529	1529	1529	1801	2035	2407	100	25
16 x 2.00	1529	1529	1529	1801 **	2035	2407	100	25
18 x 2.50	2356	2356	2356	2785	3091	3902	45	20
20 x 2.50	2923	2923	2923	3421 **	3665	5204	45	20
22 x 2.50	3241	3241	3241	3819	4310	5280	45	20
24 x 3.00	3621	3621	3621	4265	4656	5996	25	20
25 x 3.00	–	–	–	–	–	7170	25	20
27 x 3.00	5565	5565	5565	6572	–	9210	25	20
30 x 3.50	6126	6126	6126	7231	–	11375	25	20
33 x 3.50	7177	7177	7177	8688	–	12557	25	20
36 x 4.00	9385	9385	9385	–	–	16246	20	20
39 x 4.00	11305	11305	11305	–	–	19380	20	20
42 x 4.50	12909	12909	12909	–	–	23076	15	10
45 x 4.50	17305	17305	17305	–	–	27828	15	10
48 x 5.00	19459	19459	19459	–	–	32556	10	10
52 x 5.00	22529	22529	22529	–	–	–	10	–
56 x 5.50	28981	28981	28981	–	–	–	5	–
60 x 5.50	34210	34210	34210	–	–	–	5	–
64 x 6.00	38603	38603	38603	–	–	–	3	–
68 x 6.00	53778	53778	53778	–	–	–	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	540	1080	-	-	-	-	-	100 / 50	
3.5 x 0.35	540	1080	-	-	-	-	-	100 / 50	
4 x 0.5	476	952	-	-	-	-	-	100 / 50	
5 x 0.5	465	930	633	633	633	-	-	150 / 75	
6 x 0.75	476	952	633	633	633	754	823	150 / 75	50
7 x 0.75	552	1104	717	717	717	856	1065	150 / 75	50
8 x 0.75	547	1094	683	683	683	811	966	150 / 75	50
8 x 1.0	497	994 **	683	683	683	811	966	150 / 75	50
9 x 0.75	607	1214	939	939	939	1172		150 / 75	
9 x 1.0	607	1214	939	939	939	1172	966	150 / 75	50
10 x 0.75	688	1376						150 / 75	
10 x 1.0	578	1156 **	789	789	789	939	1273	150 / 75	50
10 x 1.25	578	1156 *	839	839	839	991	1273	150 / 75	50
11 x 1.0	961	1922	1222	1222	1222	1415		100 / 50	
12 x 1.0	916	1832 **	1023	1023	1023		1998	100 / 50	25
12 x 1.25	916	1832 **	1139	1139	1139	1348	1998	100 / 50	25
12 x 1.5	916	1832 **	1139	1139	1139	1348	1998	100 / 50	25
14 x 1.0	1179	2358	1542	1542	1542	1826	2978	100 / 50	25
14 x 1.25	1211	2422	1529	1529	1529	1801	2978	100 / 50	25
14 x 1.5	1139	2278 **	1529	1529	1529	1801	2978	100 / 50	25
15 x 1.0	1386	2772	1639	1639	1639	1920		100 / 50	
15 x 1.5	1179	2358	1529	1529	1529	1783		100 / 50	
16 x 1.0	1179	2358	1639	1639	1639	1920	2978	100 / 50	25
16 x 1.5	1139	2278 **	1529	1529	1529	1783	2978	100 / 50	25
18 x 1.0	2264	4528	2830	2830	2830	3400	4465	45 / 23	20
18 x 1.5	2114	4227 **	2713	2713	2713	3197	4465	45 / 23	20
18 x 2.0	2114	4227	2713	2713	2713	3197	4465	45 / 23	20
20 x 1.0	2803	5605 **	3534	3534	3534	4310		45 / 23	
20 x 1.5	2625	5249 **	3534	3534	3534	4177	5722	45 / 23	20
20 x 2.0	2625	5249 **	3534	3534	3534	4177	5722	45 / 23	20
22 x 1.0	3173	6345	3534	3534	3534	4543		45 / 23	
22 x 1.5	2852	5705 **	3534	3534	3534	4324	6075	45 / 23	20
22 x 2.0	2852	5705	3534	3534	3534	4324	6075	45 / 23	20
24 x 1.0	3229	6458	4095	4095	4095	5062		25 / 13	
24 x 1.5	3229	6458 **	4095	4095	4095	4824	7224	25 / 13	20
24 x 2.0	3229	6458 **	4095	4095	4095	4824	7224	25 / 13	20
25 x 1.5	3569	7138	5331	5331	5331	6292	8122	25 / 13	20
25 x 2.0	3569	7138	5331	5331	5331	6292		25 / 13	
26 x 1.5	3589	7178	5261	5261	5261	6209		25 / 13	
26 x 2.0	3589	7178	5261	5261	5261	6209		25 / 13	
27 x 1.5	4792	9585	6292	6292	6292	7425	10237	25 / 13	20
27 x 2.0	4792	9585 **	6292	6292	6292	7425		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	4792	9585	6799	6799	6799	7977	12749	25 / 13	20
28 x 2.0	4792	9585	6799	6799	6799	7977	-	25 / 13	
30 x 1.0	5407	10814	7283	7283	7283	8565	-	25 / 13	
30 x 1.5	5407	10814 **	7080	7080	7080	8352	12749	25 / 13	20
30 x 2.0	5407	10814 **	7080	7080	7080	8352	12749	25 / 13	20
30 x 3.0	5407	10814	7080	7080	7080	8352	-	25 / 13	-
32 x 1.5	5688	11376	7825	7825	7825	9341	-	25 / 13	-
32 x 2.0	5688	11376	7825	7825	7825	9341	-	25 / 13	-
33 x 1.5	6590	13180	8565	8565	8565	10162	14145	25 / 13	20
33 x 2.0	6590	13180 **	8565	8565	8565	10162	14145	25 / 13	20
33 x 3.0	6590	13180	8565	8565	8565	10162	-	25 / 13	-
35 x 1.5	9134	18268	11903	11903	11903	-	-	20 / 10	-
36 x 1.5	9134	18268 **	11903	11903	11903	-	-	20 / 10	-
36 x 2.0	9134	18268 **	11903	11903	11903	-	-	20 / 10	-
36 x 3.0	9134	18268	11903	11903	11903	-	-	20 / 10	-
39 x 1.5	11407	22813	14458	14458	14458	-	-	20 / 10	-
39 x 2.0	11407	22813	14458	14458	14458	-	-	20 / 10	-
39 x 3.0	11407	22813	14458	14458	14458	-	-	20 / 10	-
40 x 1.5	11524	23049	15564	15564	15564	-	-	15 / 8	-
40 x 2.0	12088	24176	15564	15564	15564	-	-	15 / 8	-
40 x 3.0	12643	25285	15564	15564	15564	-	-	15 / 8	-
42 x 1.5	12643	25285	16416	16416	16416	-	-	15 / 8	-
42 x 2.0	12643	25285 **	16416	16416	16416	-	-	15 / 8	-
42 x 3.0	12643	25285	16416	16416	16416	-	-	15 / 8	-
42 x 4.0	12643	25285	16416	16416	16416	-	-	15 / 8	-
45 x 1.5	17535	35069	22903	22903	22903	-	-	15 / 8	-
45 x 2.0	17535	35069	22903	22903	22903	-	-	15 / 8	-
45 x 3.0	17535	35069	22903	22903	22903	-	-	15 / 8	-
45 x 4.0	17535	35069	22903	22903	22903	-	-	15 / 8	-
48 x 1.5	18269	36538	23730	23730	23730	-	-	10 / 5	-
48 x 2.0	18269	36538	23730	23730	23730	-	-	10 / 5	-
48 x 3.0	18269	36538 **	23730	23730	23730	-	-	10 / 5	-
48 x 4.0	18269	36538	23730	23730	23730	-	-	10 / 5	-
50 x 1.5	20141	40282	27623	27623	27623	-	-	10 / 5	-
50 x 2.0	20141	40282	27623	27623	27623	-	-	10 / 5	-
50 x 3.0	20141	40282	27623	27623	27623	-	-	10 / 5	-
52 x 1.5	22698	45396	29489	29489	29489	-	-	10 / 5	-
52 x 2.0	22698	45396	29489	29489	29489	-	-	10 / 5	-
52 x 3.0	22698	45396	29489	29489	29489	-	-	10 / 5	-
52 x 4.0	22698	45396	29489	29489	29489	-	-	10 / 5	-

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


HSS GROUND THREAD HAND TAPS
BS: 949 (PART 2) 1979
BSW, BSF, UNC, UNF FORM
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	347	1041	150 / 50	1	3229	9686	20 / 7
1/4	354	1062	150 / 50	1.1/8	4380	13140	20 / 7
5/16	410	1230	100 / 34	1.1/4	5278	15833	20 / 7
3/8	487	1461	100 / 34	1.3/8	6809	20428	20 / 7
7/16	629	1887	100 / 34	1.1/2	8168	24505	20 / 7
1/2	793	2379	100 / 34	1.5/8	9574	28722	10 / 4
9/16	1151	3453	100 / 34	1.3/4	11200	33600	10 / 4
5/8	1151	3453	100 / 34	2	16055	48164	10 / 4
11/16	1850	5549	35 / 12	2.1/4	23994	71982	5 / 2
3/4	1850	5549	35 / 12	2.1/2	31490	94471	5 / 2
13/16	2183	6548	35 / 12	2.3/4	39297	117892	3 / 1
7/8	2510	7530	35 / 12	3	52736	158208	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
BS 949-1979
BSW, BSF, UNC, UNF FORM
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	747	50	5/8	2407	25	1.1/4	11188	15
5/16	847	50	11/16	3289	20	1.3/8	13785	15
3/8	1038	50	3/4	3902	20	1.1/2	16538	15
7/16	1392	50	7/8	5280	20	1.3/4	23256	10
1/2	1733	25	1	6879	15	2	32843	10
9/16	2407	25	1.1/8	9278	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	-	-	-	-	-	-	-	-	716	1432 **	716	1432	100 / 50
1/8	518	1036 *	614	1228	744	1488	688	1376 **	716	1432	832	1664	100 / 50
1/4	805	1610 *	1063	2126	1299	2598	1239	2478 **	1301	2602 **	1570	3140	100 / 50
3/8	1184	2368 *	1310	2620	1570	3140	1659	3318 **	1733	3466 **	1922	3844	100 / 50
1/2	1728	3456 *	1891	3782	2281	4562	2411	4822 **	2519	5038 **	2800	5600	50 / 25
5/8	1960	3920 **	-	-	-	-	-	-	-	-	-	-	50 / 25
3/4	2916	5832 *	3098	6197	3697	7395	4066	8132	4244	8488 **	4572	9144	25 / 13
7/8	3623	7246											25 / 13
1	4605	9209 **	5221	10441	6249	12497	6321	12642 **	6626	13252 **	7112	14223	25 / 13
1.1/4	6913	13827 **	8068	16135	-	-	9046	18092 **	9480	18959 **	10477	20954	15 / 8
1.1/2	8615	17229 **	10066	20132	-	-	11216	22432 **	11741	23481 **	-	-	15 / 8
1.3/4	13218	26436	-	-	-	-	-	-	-	-	-	-	15 / 8
2	15473	30946 **	17992	35985	-	-	20245	40490	21206	42413 **	-	-	10 / 5
2.1/4	26760	53519	-	-	-	-	-	-	-	-	-	-	5 / 3
2.1/2	38348	76695	-	-	-	-	59435	118871	62255	124510	-	-	5 / 3
2.3/4	43097	86195	-	-	-	-	-	-	-	-	-	-	5 / 3
3	48584	97168	-	-	-	-	77471	154942	81163	162326	-	-	5 / 3
3.1/2	63839	127677	-	-	-	-	101831	203662	106637	213274	-	-	5 / 3
4	80330	160660	-	-	-	-	128000	256001	134086	268172	-	-	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"	1076	3228	50 / 25	1-1/4"	5138	15413	20 / 10		
5/8"	1641	4923	50 / 25	1-1/2"	8215	24645	15 / 8		
3/4"	2274	6821	25 / 13	2"	13874	41623	10 / 5		
1"	3534	10602	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	407	1221	100 / 34	9/16	26	1517	4551	100 / 34
5/16	26	496	1488	100 / 34	9/16	26LH	1517	4551	100 / 34
3/8	26	634 **	1902	100 / 34	1	24	3172	9515	25 / 13
7/16	26	812	2436	100 / 34	1.37	24.00	6648	19945	15 / 8
1/2	26	993	2979	100 / 34	1.37	24 LH	6648	19945	15 / 8

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



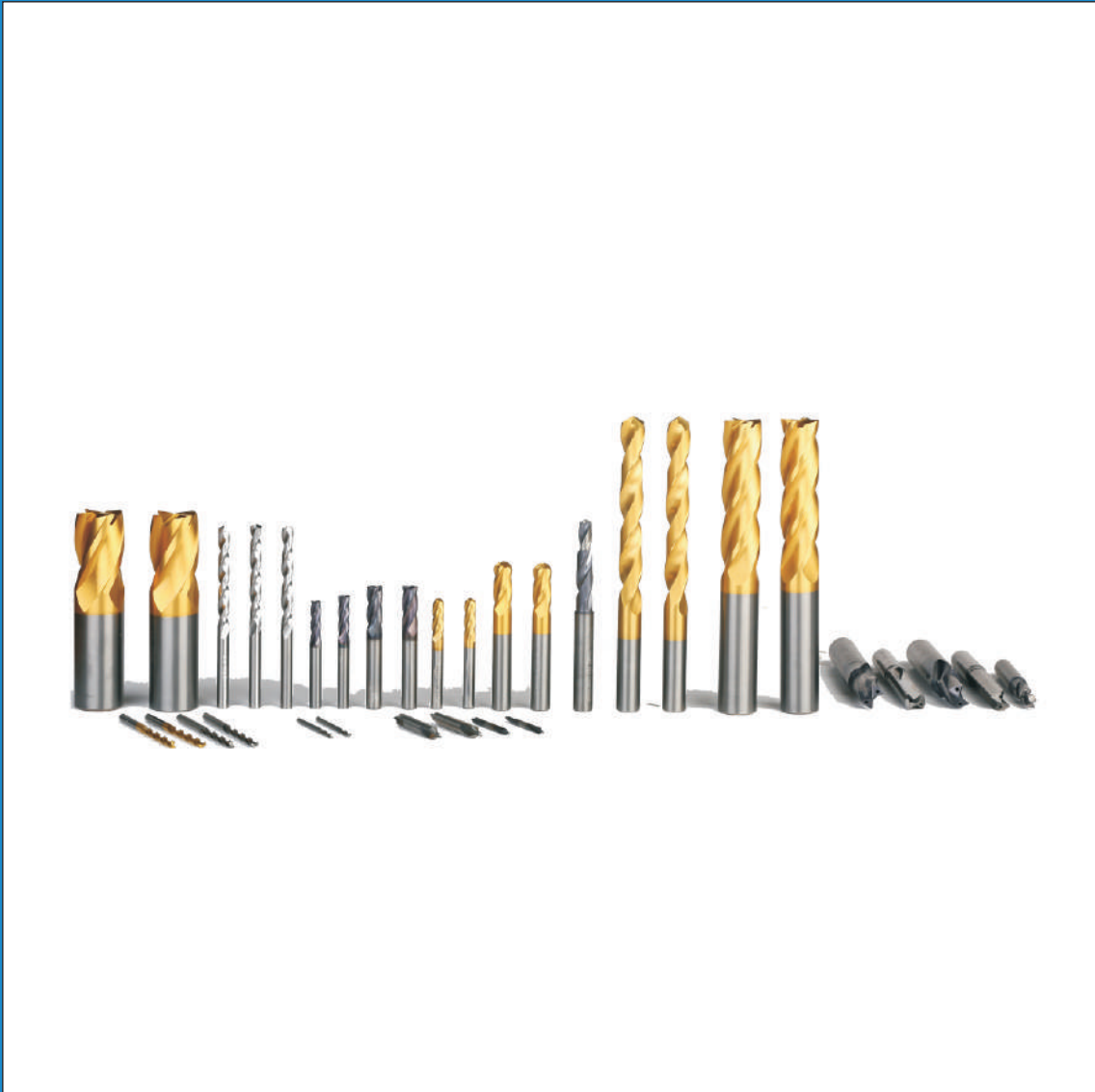
Tool Bits



HSSTOOLHOLDERBITS SQUARE/ROUND							
Size		Price Per Piece (Rs.)					
Inch	mm	M2	M 35	M 42	T 42	T 42-C	MOQ(No.)
3/16 x 3	5 x 75	123	232	303	319	332	50
3/16 x 4	5 x 100	163	340	444	465	488	50
3/16 x 6	5 x 150	251	618	947	1000	1023	50
1/4 x 3	6 x 75	142 **	294	406	427	450	50
1/4 x 4	6 x 100	168 **	402	540	571 **	593	50
1/4 x 6	6 x 150	238 **	653	884	932 **	964	50
1/4 x 8	6 x 200	343	1081	1500	1579	1653	50
5/16 x 3	8 x 75	156 **	384	526	553 **	589	50
5/16 x 4	8 x 100	205 **	529	718	755 **	802	50
5/16 x 6	8 x 150	337	845	1156	1212 **	1290	50
5/16 x 8	8 x 200	429 **	1205	1632	1719	1834	50
3/8 x 3	–	200 *	447	620	656 **	700	50
3/8 x 4	–	238 *	598	822	867 *	936	50
3/8 x 6	–	371 *	946	1322	1390 *	1480	50
3/8 x 8	–	510 *	1344	1877	1976 *	2103 **	50
3/8 x 10	–	653	1781	2486	2616	2785	50
–	10 x 75	217	488	677	712	761	50
–	10 x 100	260	653	911	956	1022	50
–	10 x 150	404	1022	1427	1498	1591	50
–	10 x 200	563	1439	2004	2110	2244	50
–	10 x 250	714	1902	2652	2784	2961	50
1/2 x 3	12 x 75	294 **	706	1012	1069	1111	50
1/2 x 4	12 x 100	371 *	946	1322	1392 *	1488	50
1/2 x 6	12 x 150	570 *	1454	2077 **	2190 *	2288	50
1/2 x 8	12 x 200	751 *	2036	2901	3051 *	3190 **	50
1/2 x 10	12 x 250	1140	2850	3992	4204	4456	50
5/8 x 4	16 x 100	592 **	1560	2228	2344 **	2440	50
5/8 x 6	16 x 150	872 **	2344	3265	3435 **	3656	50
5/8 x 8	16 x 200	1179	3203	4576	4821 **	5006	50
3/4 x 4	–	818	2169	3062	3224	3396	50
3/4 x 6	–	1196 **	3249	4492	4731 **	5089	50
3/4 x 8	–	1637	4357	6160	6480	6826	50
–	20 x 100	894	2364	3341	3517	3696	50
–	20 x 150	1303	3539	5006	5269	5548	50
–	20 x 200	1780	4719	6677	7033	7396	50
1 x 6	25 x 150	2018	5399	7543	7939 **	8432	50
1 x 8	25 x 200	2743 *	7198	10056	10581 **	11252	50



XENONROUNDTOOL BLANKS					
Size (in Inch)	Price Per TenNo.	MOQ(No.)	Dia Sizes (in mm)	Price Per TenNo.	MOQ(No.)
7/64 x 3"	311	100			
1/8" x 3"	356	100	3.0 x 61	231	200
9/64 x 3"	356	100	3.1 x 65	303	200
5/32 x 3"	489	100	3.2 x 65	311	200
11/34 x 3"	569	100	3.5 x 70	311	200
3/16 x 3"	783	100	4.0 x 75	463	200
13/64 x 3"	801	50	4.2 x 75	552	200
7/32 x 3"	801	50	4.5 x 80	730	200
1/4 x 3"	819	50	5.0 x 86	801	200
17/64 x 3"	899	50	5.2 x 86	801	200
9/32 x 3"	1237	50	5.5 x 93	863	100
19/64" x 3"	1237	50	6.0 x 93	961	100
5/16" x 3"	1353	50	6.5 x 101	1353	100
21/64" x 3"	1495	50	6.8 x 109	1353	100
11/32 x 3"	1557	50	6.9 x 109	1477	100
23/64 x 3"	1557	50	7.0 x 109	1557	100
3/8 x 3"	1691	50	7.2 x 109	1851	100
25/64 x 3"	1824	50	7.5 x 109	2242	100
13/32 x 3"	2136	50	8.0 x 117	2394	100
27/64 x 3"	2278	50	8.5 x 117	2465	100
7/16 x 3"	2278	50	8.9 x 125	2394	100
15/32 x 3"	2278	50	9.0 x 125	2394	100
1/2 x 3"	2883	50	9.1 x 125	2465	100
			9.5 x 125	2465	100
			10.0 x 133	3132	100



Carbide Tools


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

Size		Price Per Piece (Rs.)		MOQ (No.)	Size		Price Per Piece (Rs.)		MOQ (No.)
mm	Inch	Straight Shank Drill	Taper Shank Drill		mm	Inch	Straight Shank Drill	Taper Shank Drill	
3.0		686 **	–	25		31/64	1458	2460	25
	1/8	686	–	25		1/2	1458 **	2460 **	25
3.5		708	–	25	13.0		1458 **	2460	25
	9/64	708	–	25		17/32	1574	2816	25
	5/32	710	–	25	14.0		1725 **	2816 **	20
4.0		710 **	–	25		9/16	1725	2816	20
	11/64	710	–	25	15.0		1932	2990	20
4.5		710 **	–	25		19/32	1932	2990	20
	3/16	775 **	–	25		5/8	2226	3235	20
5.0		775 **	–	25	16.0		2226 **	3235 **	20
	13/64	775	–	25		21/32	2340	3481	20
5.5		785 **	–	25	17.0		2340	3481 **	20
	7/32	785	–	25		11/16	2340	3481	20
	15/64	827	–	25	18.0		2575 **	3783 **	20
6.0		827 **	–	25		23/32	2575	3783	20
	1/4	841 **	–	25	19.0		2937	4045	20
6.5		841	–	25		3/4	2937	4653	20
	17/64	856	–	25		25/32	3331	4653	20
7.0		909 *	–	25	20.0		3331	4653 **	20
	9/32	909	–	25		13/16		4819	20
7.5		932 **	–	25	21.0			4819 **	20
	19/64	932	–	25		27/32		4819	20
	5/16	932 **	–	25	22.0			5049 **	20
8.0		932 **	–	25		7/8		5049	20
	21/64	961	–	25	23.0			5331	20
8.5		961 **	–	25		29/32		5331	20
	11/32	993	–	25		15/16		5596	20
9		993 **	–	25	24.0			5596	20
	23/64	1061	–	25		31/32		5800	20
9.5		1061	–	25	25.0			5800	20
	3/8	1067	1853	25		1		7126 **	20
	25/64	1067	1853	25	26.0			7126	15
10.0		1067 **	1853 **	25		1.1/32		7126	15
	13/32	1156	2071	25		1.1/16		7360	15
10.5		1156 **	2071	25	27.0			7360	15
	27/64	1171	2071	25		1.3/32		7748	15
11.0		1171 **	2071	25	28.0			7748	15
	7/16	1216	2264	25		1.1/8		8040	15
11.5		1216	2264	25	29.0			8040	15
	29/64	1216	2264	25		1.5/32		8040	15
	15/32	1312	2264	25	30.0			8274	15
12.0		1312 **	2264 **	25		1.3/16		8274	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	1853	25
	1/8	25	115	1	1853	25
3.5	9/64	25	115	1	1853	25
4	5/32	25	115	1	1853	25
4.5	11/64	28	118	1	1853	25
5	3/16	28	118	1	1853	25
5.5	13/64	32	122	1	1853	25
	7/32	32	122	1	1853	25
6	15/64	32	122	1	1853	25
	1/4	32	122	1	1853	25
6.5		32	122	1	1853	25
	17/64	40	130	1	1853	25
	9/32	40	130	1	1853	25
7.5	19/64	40	130	1	1853	25
8	5/16	40	130	1	1853	25
8.5	21/64	50	140	1	1853	25
9	11/32	50	140	1	1853	25
	23/64	50	140	1	1853	25
9.5	3/8	50	140	1	1853	25
	25/64	50	140	1	1853	25
31	1.7/32	125	275	4	9003	15
32	1.1/4	125	275	4	9388	15
33		125	275	4	9813	15
34	1.5/16	125	275	4	10155	15
35	1.3/8	125	275	4	10444	15
36		125	275	4	10788	15
37	1.7/16	125	275	4	10396	15
38	1.1/2	125	275	4	11469	15
39		125	275	4	11684	10
40	1.9/16	125	275	4	11925	10
41		125	275	4	12196	10
42	1.5/8	125	275	4	12542	10
43	1.11/16	125	275	4	12890	10
44		125	275	4	13226	10
45	1.3/4	125	275	4	13555	10
46	1.13/16	125	275	4	13963	10
47		125	275	4	13963	10
48	1.7/8	125	275	4	14169	10
49	1.15/16	125	275	4	14416	10
50		125	275	4	14655	10
	2	125	275	4	14911	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		4735	20	19.0		6167	20		1	6783	15
	1/2	4735	20		3/4	6167	20	26.0		6783	15
13.0		4735	20		25/32	6424	20		1.1/32	6783	15
	17/32	4940	20	20.0		6424	20	27.0		6783	15
14.0		5331	20		13/16	6424	20		1.1/16	6783	15
	9/16	5331	20	21.0		6424	20		1.3/32	6953	15
15.0		5331	20		27/32	6424	20	28.0		6953	15
	19/32	5331	20	22.0		6424	20		1.1/8	7051	15
	5/8	5516	20		7/8	6424	20		1.5/32	7051	15
16.0		5516	20	23.0		6424	20	30.0		7051	15
	21/32	5516	20		29/32	6424	20		1.3/16	7051	15
17.0		5516	20		15/16	6783	20		1.7/32	7256	15
	11/16	5516	20	24.0		6783	20		1.1/4	7256	15
18.0		6167	20		31/32	6783	20	32.0		7256	15
	23/32	6167	20	25.0		6783	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	6223	10	45.0		6668	10		2.3/4	9419	4
32.0		6223	10	46.0		6953	7	71.0		10005	4
33.0		6223	10		1-13/16	6953	7		2.7/8	10005	4
	1.5/16	6223	10	47.0		6953	7	76.0		10303	4
34.0		6223	10		1.7/8	6953	7		3	10303	4
	1.3/8	6223	10	48.0		6953	7	77.0		10303	4
35.0		6223	10	49.0		6953	7	78.0		10303	4
36.0		6352	10		1-15/16	6953	7		3.1/8	10303	4
	1.7/16	6352	10	50.0		6953	7		3.1/4	10303	4
37.0		6352	10		2	7256	7		3.3/8	10569	4
38.0		6424	10	51.0		7256	7	86.0		10569	4
	1.1/2	6424	10	52.0		7256	7	87.0		10569	4
39.0		6424	10		2.1/8	7256	7		3.1/2	10569	4
	1.9/16	6424	10	56.0		7580	4	91.0		11171	4
40.0		6424	10	57.0		7580	4	92.0		11171	4
41.0		6668	10		2.1/4	7580	4		3.5/8	11171	4
	1.5/8	6668	10		2.3/8	7580	4	93.0		11171	4
42.0		6668	10	61.0		9419	4	94.0		11171	4
	1.11/16	6668	10		2.1/2	9419	4		3.3/4	11171	4
43.0		6668	10	66.0		9419	4		3.7/8	11171	4
44.0		6668	10		2.5/8	9419	4		4	11171	4
	1.3/4	6668	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		3625	20		3/8	3887	20
	1/4	3625	20	10.0		3887 **	20
7.0		3625	20		13/32	3887	20
	9/32	3625	20	11.0		3887	20
	5/16	3376	20		7/16	3887	20
8.0		3376	20		15/32	4282	20
	11/32	3376	20	12.0		4282	20
9.0		3376	20		1/2	4282	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		3625	20		11/16	5099	10
	1/4	3625	20	18.0		5099	10
7.0		3625	20		23/32	5099	10
	9/32	3625	20	19.0		5099	10
	5/16	3376	20		3/4	5099	10
8.0		3376	20		25/32	5099	10
	11/32	3376	20	20.0		5099	10
9.0		3376	20		13/16	5099	10
	3/8	3887	20	21.0		5673	10
10.0		3887 **	20		27/32	5673	10
	13/32	3887	20	22.0		5673	10
11.0		3887	20		7/8	5673	10
	7/16	3887	20	23.0		5673	10
	15/32	4282	20		29/32	5755	10
12.0		4282	20	24.0		7292	10
	1/2	4282	20	25.0		7292	10
13.0		4282	20		1	7292	10
	17/32	4494	20	26.0		7292	10
14.0		4494	10	27.0		7430	10
	9/16	4494	10	28.0		7430	10
15.0		4494	10	29.0		7430	10
	19/32	5099	10	30.0		7490	10
	5/8	5099	10			7490	10
16.0		5099	10	31.0		7490	10
	21/32	5099	10	32.0		7490	10
17.0		5099	10				



CARBIDE TIPPED SHELL REAMERS				IS : 11934 – 1987			
(BRAZED TYPE)				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		6167	3	36.0		9813	3
	3/4	6167	3		1.7/16	9813	3
	13/16	6738	3	38.0		9896	3
21.0		6738	3		1.1/2	9896	3
22.0		6738	3	39.0		9896	3
	7/8	6738	3		1.9/16	9896	3
	15/16	6783	3	41.0		11528	3
24.0		6783	3		1.5/8	11528	3
25.0		7882	3	42.0		11528	3
	1	7882	3		1.11/16	11528	3
	1.1/16	7926	3	43.0		11528	3
27.0		7926	3	44.0		11528	3
	1.1/8	9371	3		1.3/4	11528	3
29.0		9371	3		1-13/16	11528	3
30.0		9371	3	47.0		11990	3
	1.3/16	9575	3		1.7/8	11990	3
	1.1/4	9371	3	48.0		11990	3
32.0		9371	3	49.0		11990	3
33.0		9371	3		1-15/16	11990	3
	1.5/16	9398	3	50.0		11990	3
	1.3/8	9813	3		2	11990	3
35.0		9813	3				

CARBIDE TIPPED STRAIGHT SHANK END MILLS				IS : 9323 – 1991			
(BRAZED TYPE)				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	2692	25		1/2	2872	25
8.0		2692	25		5/8	3037	20
	3/8	2700	25	16.0		3037	20
10.0		2700	25		3/4	3540	20
12.0		2872	25	20.0		3540	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		3540	25	25.0		4210	20
	1/2	3540	25		1	4210	20
	5/8	3688	20		1-1/4	6783	15
16.0		3688	20	32.0		6783	15
	3/4	4129	20		1-1/2	8201	15
20.0		4129	20	40.0		8201	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	2264	70		9/16	2925	100
		2264	70		5/8	3481	60
	3/8	2331	70	16.0		3481	60
10.0		2331	70		11/16	3521	60
	7/16	2510	70	18.0		3521	60
12.0		2510	100		3/4	3574	60
	1/2	2510	100	20.0		3574	60
14.0		2925	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		3870	100	20.0		4982	50
	1/2	3870	100	22.0		5242	20
14.0		4260	100		7/8	5242	20
	9/16	4260	100	25.0		5242	20
	5/8	4877	70		1	5242	20
16.0		4877	70	28.0		5282	15
	11/16	4916	50		1-1/8	5282	15
18.0		4916	50		1-1/4	5282	15
	3/4	4982	50	32.0		5282	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	8837	3	100 x 12	4 x 1/2	11101	3
80 x 8.0	3 x 5/16	9151	3	100 x 16	4 x 5/8	11963	3
80 x 10	3 x 3/8	9381	3	125 x 12	5 x 1/2	12479	3
100 x 8.0	4 x 5/16	10214	3	125 x 14	5 x 9/16	13459	3
100 x 10	4 x 3/8	10552	3	125 x 16	5 x 5/8	13887	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	3488	6		3	7210	3
40.0		3488	6	80.0		7210	3
50.0		3602	6	100		11129	3
	2	3602	6		4	9966	3
63.0		5346	3	125		14364	3
	2-1/2	5346	3		5	14364	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		5242	3	80		7032	3
	2-1/2	5242	3	100		10852	3
	3	7032	3		4	10852	3

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