



Tools for a changing world



Price List - MC 51

(with effect from 1st November 2024)





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
	Stub Series	3.0 mm and above	IS 5100 - 1969 BS 328 (PART 1) 1986
	Long Series	3.0 mm and above	IS 5102 - 1969 BS 328 (PART 1) 1986
Taper Shank Twist Drills			
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
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



CONTENTS

Drills	Page No.
• Parallel Shank Twist Drills - Jobber Series ...	11 to 16
◦ M 2 Forge Formed Drills	
◦ M 2 Ground Drills	
◦ M 2 Ground Drills with Gold Finish	
◦ M 2 Ground Drills TIN Coated	
• Parallel Shank Twist Drills - M 2 Stub Series ...	17 and 18
• Parallel Shank Twist Drills - Long Series ...	19 and 20
◦ M 2	
◦ M 35	
◦ M 35 TIN Coated	
◦ M 35 TiAlN Coated	
• Parallel Shank Twist Drills - M 2 Extra Long ...	21
• Taper Shank Twist Drills ...	22 to 28
◦ M 2	
◦ M 35	
◦ M 42	
◦ M 2 with Crank Shaft Design	
◦ M 35 with Crank Shaft Design	
• Taper Shank Twist Drills – M 2 Long Series ...	29 to 30
• Taper Shank Twist Drills – M 2 Extra Long ...	31 to 45
• Shell Drills – M 2 ...	45
• Centre Drills – BS, Type 'A', 'B' and 'R' ...	46
◦ M 2	
◦ M 35	
◦ M 35 TIN Coated	
• Taper Shank Core Drills – M 2 ...	47



CONTENTS

	Page No.
Reamers	
• Hole Mills	49
◦ Hand Reamers	... 50 to 52
◦ Machine Reamers with Taper Shank	... 50 to 52
◦ Chucking Reamers with Parallel Shank	... 50 to 52
◦ Chucking Reamers with Taper Shank	... 50 to 52
◦ Taper Shank Extra Long Machine Reamers	... 53
◦ Machine Jig Reamers	... 54
◦ Shell Reamers	... 55
◦ Machine Bridge Reamers	... 56
◦ Socket Reamers	... 57
◦ Taper Pin Reamers – Hand / Machine	... 57 & 58
◦ Centre Reamers	... 58
Milling Cutter	
• Cylindrical Cutters – High Power & Helical	59
• Side & Face Cutters – Straight & Staggered Teeth	60 to 62
• Key Way Milling Cutters	62
• Slotting Cutters, Angle Cutters (Single, Double & Equal)	63 & 64
• Convex Cutters, Concave Cutters	65 & 66
• Corner Rounding Cutters (Single & Double)	66 & 67
• Involute Gear Cutters	68 & 69
• Rotary Form Cutters	69
• Shell End Mills, Face Cutters & Hollow Mills	70
• Woodruff Key Slot cutters & Cutters for Woodruff Keyseats	71
• “T” Slot Cutters	72
• Counter Bores	73
• Counter Sinks	73
End Mills	
• Parallel Shank End Mills	
◦ M 2	... 75 to 77
◦ M 42	... 78



CONTENTS

	Page No.
• Parallel Shank Roughing End Mills	
◦ M2	79 & 80
◦ M 35	79 & 80
◦ M 42	81 & 82
• Taper Shank End Mills	75 to 77
• Screwed Shank End Mills	83 & 84
• Parallel Shank Slot Drills	75 to 77
• Taper Shank Slot Drills	75 to 77
• Screwed Shank Slot Drills	83 & 84

Taps

• Hand Taps : MCP	
◦ M 2	85
◦ M 35	85
• Machine Taps – MCP	86
• Nut Taps - MCP	86
• Hand Taps : MFP	
◦ M 2	87 & 88
◦ M 35	87 & 88
• Machine Taps – MFP	87 & 88
• Nut Taps - MFP	87 & 88
• Hand Taps & Nut Taps (BSW, BSF, UNC, UNF)	89
• Hand Taps – BSP (P), NPS, NPSF, BSPT, NPT, NPTF, BS COND & BSCY	90
• LPG Cylinder – NGT Taps	90



CONTENTS

Tool Bits

	Page No.
• HSS TOOL HOLDER BITS - SQUARE / ROUND ...	91
◦ M2	
◦ M35	
◦ M42	
◦ T42	
◦ T42C	
• XENON ROUND TOOL BLANKS ...	92

Multi Point Carbide Tipped Tools

◦ Straight Shank Twist Drill ...	93
◦ Taper Shank Twist Drill ...	93 & 94
◦ Straight Shank Chucking Reamer ...	95
◦ Taper Shank Chucking Reamer ...	95





Drills

**HSS PARALLEL SHANK TWIST DRILLS****IS 5101 - 1991****JOBBER SERIES****BS 328 (PART 1) 1986**

Size mm	WG / inch	M2 FFD	Price Per Ten (Rs.)			MOQ (No)
			M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
0.3			4714	4794		200
0.4			4714	4794		200
0.5			4714	4794		200
0.6			4714	4794		200
0.7			2692	2737		200
0.8			2692 **	2737		200
0.9			2692 **	2737		200
1.0		710 *	657	669	1143	200
(1.02)	60	710	657	669		200
(1.04)	59	710	657	669		200
(1.07)	58	710	657	669		200
(1.09)	57	710	657	669		200
1.10		710 **	657	669	1143	200
(1.18)	56	710	657	669		200
(1.19)	3/64	710	657	669		200
1.20		710 **	657 **	669	1143	200
1.30		710 **	657	669	1143	200
(1.32)	55	710	657	669		200
1.40	54	710 **	657 **	669	1143	200
1.50		674 *	624	635	1143	200
(1.51)	53	674	624	635		200
(1.59)	1/16	674	624	635		200
1.60		674 *	624 **	635	1143	200
(1.61)	52	725	671	683		200
1.70		725 **	671	683	1197	200
(1.70)	51	725	671	683		200
(1.78)	50	725	671	683		200
1.80		725 *	671 **	683	1197	200
(1.85)	49	725	671	683		200
1.90		725 **	671 **	683	1231	200
(1.93)	48	725	671	683		200
(1.98)	5/64	725	671	683		200
(1.99)	47	725	671	683		200
2.00		725 *	671 *	683	1197	200
(2.06)	46	725	671	683		200
(2.08)	45	725	671	683		200
2.10		725 *	671 **	683	1288	200
(2.18)	44	725	671	683		200
2.20		725 *	671 **	683	1288	200
(2.26)	43	725	671	683		200
2.30		725 *	671	683	1288	200
(2.37)	42	725	671	683		200
(2.38)	3/32	725	671	683		200
2.40		725 *	671 **	683	1288	200
(2.44)	41	725	671	683		200
(2.49)	40	725	671	683		200
2.50		725 *	671 *	683	1288	200
(2.53)	39	725	671	683		200
(2.58)	38	725	671	683		200
2.60		725 *	671 **	683	1288	200
(2.64)	37	725	671	683		200
2.70		725 *	671 **	683	1288	200
(2.71)	36	725	671	683		200
(2.78)	7/64	725	671	683		200
(2.79)	35	792	734	747		200

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



HSS PARALLEL SHANK TWIST DRILLS

JOBBER SERIES

IS 5101 - 1991

BS 328 (PART 1) 1986

Size mm	WG / inch	Price Per Ten (Rs.)				MOQ (No)
		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
2.80		793 *	734 **	747	1360	200
(2.82)	34	793	734	747		200
(2.87)	33	793	734	747		200
2.90		793 *	734	747	1360	200
(2.95)	32	793	734	747		200
3.00		793 *	734 *	747 **	1360 **	200
(3.05)	31	944	875	890		200
3.10		944 *	875 **	890	1412	200
(3.17)	1/8	944 *	875 *	890		200
3.20		945 *	906 *	923	1443	200
(3.26)	30	978	906	923		200
3.30		978 *	906 **	923	1443	200
3.40		978 *	906	923	1443	200
(3.45)	29	978	906	923		200
3.50		978 *	906 *	923	1443	200
(3.57)	28	978	906	923		200
(3.57)	9/64	978 *	906 **	923		200
3.60		1383 *	1281	1303	1828	200
(3.66)	27	1383	1281	1303		200
3.70		1383 *	1281 **	1303	1828	200
(3.73)	26	1383	1281	1303		200
(3.80)	25	1383 *	1281	1303		200
3.80		1383	1281 **	1303	1828	200
(3.86)	24	1383	1281	1303		200
3.90		1383 *	1281	1303	1828	200
(3.91)	23	1383	1281	1303		200
(3.97)	5/32	1383 *	1281 **	1303		200
(3.99)	22	1383	1281	1303		200
4.00		1383 *	1281 *	1303	1828	200
(4.04)	21	1686	1562	1590		200
(4.09)	20	1686	1562	1590		200
4.10		1686 *	1562 *	1590	2117	200
4.20		1686 *	1562 *	1590 **	2117	200
(4.22)	19	1686	1562	1590		200
4.30		1686 *	1562 **	1590	2117	200
(4.30)	18	1686	1562	1590		200
(4.37)	11/64	1686 *	1562	1590		200
(4.39)	17	1686	1562	1590		200
4.40		1686 *	1562 **	1590	2117	200
(4.50)	16	2209	2046	2083		200
4.50		2209 *	2046 *	2083 **	2615	200
(4.57)	15	2209	2046	2083		200
4.60		2209 **	2046	2083	2615	200
(4.62)	14	2209	2046	2083		200
4.70	13	2209	2046	2083	2615	200
(4.76)	3/16	2209 *	2046 **	2083		200
4.80	12	2209 *	2046 **	2083	2615	200
(4.85)	11	2394	2218	2258		200
4.90		2394 *	2218 **	2258	2790	200
(4.92)	10	2394 **	2218	2258		200
(4.98)	9	2394	2218	2258		200
5.00		2394 *	2218 *	2258 **	2790	200
(5.06)	8	2277	2139	2177		100
5.10		2277 *	2139 **	2177	2690	100
(5.11)	7	2277	2139	2177		

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

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



HSS PARALLEL SHANK TWIST DRILLS
JOBBER SERIES

IS 5101 - 1991
BS 328 (PART 1) 1986

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
(5.16)	13/64		2277 *	2139 *	2177		100
(5.18)		6	2277	2139	2177		100
5.20			2277 *	2139 *	2177	2690	100
(5.22)		5	2453	2282	2323		100
5.30			2453 *	2282	2323	2834	100
(5.31)		4	2453 **	2282	2323		100
5.40			2453 **	2282 **	2323	2834	100
(5.41)		3	2453	2282	2323		100
5.50			2453 *	2282 *	2323 **	2834	100
(5.56)	7/32		2453 *	2282 **	2323		100
5.60			2453	2282	2323	2834	100
(5.61)		2	2758	2566	2612		100
5.70			2758	2566	2612	3125	100
(5.79)		1	2758 **	2566	2612		100
5.80			2758 *	2566	2612	3125	100
5.90			2758 *	2566	2612	3125	100
(5.94)		A	2758	2566	2612		100
(5.95)	15/64		2758	2566	2612		100
6.00			2758 *	2566	2612 **	3125	100
(6.04)		B	2998	2789 *	2839		100
6.10			2998 *	2789	2839	3507	100
(6.15)		C	2998	2789	2839		100
6.20			2998 *	2789 **	2839	3507 **	100
(6.25)		D	2998	2789	2839		100
6.30			2998 *	2789	2839	3507 **	100
(6.35)	1/4	E	2998 *	2789 *	2839		100
6.40			2998 *	2789 **	2839	3507	100
6.50			3833 *	3566 *	3630 **	4304	100
(6.53)		F	3833	3566	3630		100
6.60			3833 **	3566 **	3630	4366	100
(6.63)		G	3833	3566	3630		100
6.70			3833 *	3566 **	3630	4366	100
(6.75)	17/64		3833 *	3566 **	3630		100
(6.75)		H	3833	3566	3630		100
6.80			3833 *	3566 *	3630 **	4366	100
6.90			4201 *	3908 **	3978	4718	100
(6.90)		I	4201	3908	3978		100
7.00			4201 *	3908 *	3978	4718	100
(7.03)		J	4201	3908	3978		100
7.10			4201 *	3908 **	3978	4718	100

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



HSS PARALLEL SHANK TWIST DRILLS

JOBBER SERIES

IS 5101 - 1991

BS 328 (PART 1) 1986

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
(7.14)		K	4201	3908	3978		100
(7.14)	9/32		4201 *	3908 **	3978		100
7.20			4201 *	3908	3978	4718	100
7.30			4425 *	4117	4190	4932	100
(7.37)		L	4425	4117	4190		100
(7.40)			4425 **	4117 **	4190	4932	100
(7.49)		M	4425	4117	4190		100
7.50			4425 **	4117 **	4190	4932	100
(7.54)	19/64		4794	4461	4540		100
7.60			4794 **	4461	4540	5498	100
(7.67)		N	4794	4461	4540		100
7.70			4794	4461 **	4540	5498	100
7.80			4794 *	4461 **	4540	5498	100
7.90			4794 **	4461	4540	5498	100
(7.94)	5/16		5260 *	4894 *	4981		100
8.00			5260 *	4894 *	4981	5944	100
(8.03)		O	5260	4894	4981		100
8.10			5260 *	4894	4981	5944	100
8.20			5260 *	4894	4981	5944	100
(8.20)		P	5260	4894	4981		100
8.30			6381 *	5937 **	6043	7017 *	100
(8.33)	21/64		6381 *	5937 **	6043		100
8.40			6381 *	5937 **	6043	7017	100
(8.43)		Q	6381	5937	6043		100
8.50			6381 *	5937 *	6043 **	7017	100
8.60			6381 *	5937 **	6043	7444	100
(8.61)		R	6381	5937	6043		100
8.70			6381 *	5937 **	6043	7444	100
(8.73)	11/32		6718 *	6250	6362		100
8.80			6718 *	6250 **	6362	7765	100
(8.84)		S	6718	6250	6362		100
8.90			6718 **	6250	6362	7765	100
9.00			6718 *	6250 *	6362	7765	100
(9.09)		T	7008	6520	6636		100
9.10			7008 *	6520	6636	8043	100
(9.13)	23/64		7008	6520	6636		100
9.20			7008 *	6520	6636	8043	100
9.30			7008 **	6520 **	6636	8043	100
(9.34)		U	7008	6520 *	6636		100
9.40			7008 **	6520	6636	8043	100
9.50			7008 *	6520 *	6636	8043	100
(9.52)	3/8		7936 *	7384 **	7516		100
(9.58)		V	7936	7384	7516		100
9.60			7936 *	7384 **	7516	9145	100
9.70			7936 *	7384	7516	9145	100
9.80			7936 *	7384 **	7516	9145	100
(9.80)		W	7936	7384	7516		100
9.90			8882 **	8264	8412	10049	100
(9.92)	25/64		8882 **	8264	8412		100

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



HSS PARALLEL SHANK TWIST DRILLS
JOBBER SERIES

IS 5101 - 1991

BS 328 (PART 1) 1986

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
10.00			8882 *	8264 *	8412	10049	100
(10.08)		X	8882	8264	8412		100
10.10			8882 *	8264 **	8412	10769	100
10.20			8882 *	8264 *	8412 **	10769	100
(10.26)		Y	9638	8967	9127		100
10.30			9638 *	8967	9127	10769	100
(10.32)	13/32		9638 *	8967	9127		100
10.40			9638 *	8967	9127	10769	100
(10.49)		Z	9638	8967	9127		100
10.50			9638 *	8967 *	9127	10769	100
10.60			9638 *	8967	9127	11442	100
10.70			10198 *	9488	9658	11442	50
(10.72)	27/64		10198 **	9488	9658		50
10.80			10198 *	9488	9658	11442	50
10.90			10198 *	9488 **	9658	11442	50
11.00			10198 *	9488 **	9658	11442	50
11.10			11384 **	10591	10781	13174	50
(11.11)	7/16		11384 *	10591 **	10781		50
11.20			11384	10591	10781	13174	50
11.30			11384 **	10591	10781	13174	50
11.40			11384	10591	10781	13174	50
11.50			12010 *	11174 **	11374	13174	50
(11.51)	29/64		12010 **	11174	11374		50
11.60			12010 **	11174	11374	13954	50
11.70			12010 **	11174	11374	13954	50
11.80			12010 *	11174	11374	13954	50
11.90			12828	11935	12148	13954	50
(11.91)	15/32		12828 **	11935	12148		50
12.00			12828 *	11935 *	12148	13954	50
12.10			12828 *	11935	12148	14705	50
12.20			12828 *	11935	12148	14705	50
12.30			13613 **	12665	12891	14705	50
(12.30)	31/64		13613	12665	12891		50
12.40			13613 **	12665	12891	14705	50
12.50			13613 *	12665 *	12891	14705	50
12.60			13613 **	12665	12891	15777	50
(12.70)	1/2		14368 *	13368 *	13606	15777	50
12.80			14368 **	13368 **	13606	15777	50
12.90			14368 **	13368	13606	15777	50
13.00			14368 *	13368 *	13606	15777	50
(13.10)	33/64		17862	16619	16915		20
13.10			17862 **	16619	16915		20

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



**HSS PARALLEL SHANK TWIST DRILLS
JOBBER SERIES**

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

Size		WG / LG	Price Per Ten (Rs.)				MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	
13.20			17862 **	16619	16915		20
13.30			17862 **	16619	16915		20
13.40			17862 **	16619	16915		20
(13.49)	17/32		19016 **	17693 **	18009		20
13.50			19016 *	17693 **	18009	20649	20
13.60			19016	17693	18009		20
13.70			19016 **	17693	18009		20
13.80			19017 **	17693	18009		20
(13.89)	35/64		20636	19200	19542		20
13.90			20636	19200	19542		20
14.00			20636 *	19200 **	19542	22197	20
14.25			20636	19200	19542		20
(14.29)	9/16		21646 **	20139	20499		20
14.50			21646 *	20139	20499	23161	20
(14.68)	37/64		23330	21706	22094		20
14.75			23330	21706	22094		20
15.00			23330 **	21706	22094	24771	20
(15.08)	19/32		23330	21706	22094		20
15.25			23330	21706	22094		20
(15.48)	39/64		25286	23526	23946		20
15.50			25286 **	23526	23946	26915	20
15.75			25286	23526	23946		20
(15.87)	5/8		25286	23526	23946		20
16.00			25286 *	23526	23946	26915	20
16.50			26104 **	24287	24721	28844	20
(16.67)	21/32		26104	24287	24721		20
17.00			26746 **	24884	25329	29441	20
(17.46)	11/16		26746 **	24884	25329		20
17.50			28397 **	26420	26892	31326	20
18.00			28926 *	26913	27394	31831	20
(18.26)	23/32		28926	26913	27394		20
18.50			30305 **	28195	28699	33133	20
19.00			30610 **	28480	28988	33424	20
(19.05)	3/4		30610	28480	28988		20
19.50			34426 **	32029	32601	37069	20
(19.84)	25/32		34426	32029	32601		20
20.00			36559 *	34014	34622	39107	20
(20.64)	13/16		36559	34014	34622		20
(21.43)	27/32		38883	36177	36823		20
(22.22)	7/8		38883	36177	36823		20

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

Set Rate for FFD

1 mm to 13 mm in steps of 0.5 mm

25 Pices with Metal Box Rs. 14,954/-

25 Pieces set with Telescopic Box Rs. 13,516/-

1 mm to 13 mm in steps of 1 mm

13 Pieces Set Telescopix Box Rs. 7,122/-

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

29 Pices with Metal Box Rs. 17,658/-

29 Pieces set with Telescopic Box Rs. 15,959/-

Set Rate for GD

1 mm to 13 mm in steps of 0.5 mm

25 Pices with Metal Box Rs. 13,913/-

25 Pieces set with Telescopic Box Rs. 12,571/-

1 mm to 13 mm in steps of 1 mm

13 Pieces Set Telescopix Box Rs. 6,623/-

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

29 Pices with Metal Box Rs. 16,516/-

29 Pieces set with Telescopic Box Rs. 14,966/-



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		734 **	200	9.20		5908	100	16.25		20185	50
(3.17)	1/8	859 *	200	9.50		5908	100	16.50		20185	50
3.20		891	200	(9.52)	3/8	6176 **	100	(16.67)	21/32	20185	50
3.50		891	200	9.80		6176	100	16.75		20587	50
(3.57)	9/64	891 **	200	(9.92)	25/64	7563	100	17.00		20587	50
3.80		1234	200	10.00		7563 **	100	17.25		20960	50
(3.97)	5/32	1234 *	200	10.20		7563	100	(17.46)	11/16	20960	50
4.00		1234 **	200	(10.32)	13/32	8130	100	17.50		20960	50
4.20		1375	200	10.50		8130	100	17.75		21244	50
(4.37)	11/64	1375	200	(10.72)	27/64	9160	50	18.00		21244 **	50
4.50		1828	200	10.80		9160	50	18.25		21617	50
(4.76)	3/16	1828 **	200	11.00		9160	50	(18.26)	23/32	21617	50
4.80		1828 **	200	(11.11)	7/16	9548	50	18.50		21617	50
5.00		1936 *	200	11.20		9548	50	18.75		22005	50
(5.16)	13/64	1936 **	100	11.50		10204	50	19.00		22005	50
5.20		1936	100	(11.51)	29/64	10204	50	(19.05)	3/4	22005	50
5.50		2014	100	11.80		10204	50	19.25		22378	50
(5.56)	7/32	2014 **	100	(11.91)	15/32	10801	50	19.50		22378	50
5.80		2268	100	12.00		10801 *	50	19.75		22378	50
(5.95)	15/64	2268	100	12.20		10801	50	(19.84)	25/32	22378	50
6.00		2268 **	100	(12.3)	31/64	11741	50	20.00		22973 **	50
6.20		2536	100	12.50		11741	50	20.25		23227	50
(6.35)	1/4	2536 **	100	(12.70)	1/2	11995	50	20.50		23444	50
6.50		3119	100	12.80		11995	50	(20.64)	13/16	23444	50
(6.75)	17/64	3119 **	100	13.00		11995	50	20.75		24398	50
6.80		3119 **	100	13.20		14038	50	21.00		24398	50
7.00		3416 **	100	(13.49)	17/32	14038	50	21.25		24466	50
(7.14)	9/32	3416 **	100	13.50		14963	50	(21.43)	27/32	24466	50
7.20		3416	100	13.80		14963	50	21.50		25529	50
7.50		3550	100	14.00		16291	50	21.75		25614	50
(7.54)	19/64	3908	100	14.25		16291	50	22.00		25853	50
7.80		3908	100	(14.29)	9/16	16291	50	(22.22)	7/8	25614	50
7.94	5/16	4296 *	100	14.50		16963	50	22.25		27241	50
8.00		4296 **	100	14.75		18350	50	22.50		27500	50
8.20		4296	100	15.00		18350	50	22.75		27614	50
(8.33)	21/64	5370	100	(15.08)	19/32	18350	50	23.00		27869	50
8.50		5370 **	100	15.25		18350	50	(23.02)	29/32	27614	25
(8.73)	11/32	5594	100	15.50		19857	50	23.25		29211	25
8.80		5594	100	15.75		19857	50	23.50		29211	25
9.00		5594	100	(15.87)	5/8	19857	50	23.75		29211	25
(9.13)	23/64	5908	100	16.00		19857	50	(23.81)	15/16	29210	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		32611	25	(28.57)	1.1/8	46755	25	(34.13)	1.11/32	76039	10
24.25		32611	25	29.00		49520	25	34.50		76039	10
24.50		32611	25	(29.37)	1.5/32	54020	25	(34.92)	1.3/8	67525	10
(24.61)	31/32	32611	25	29.50		54020	25	35.00		67525	10
24.75		35447	25	30.00		55249	25	35.50		69615	10
25.00		35777	25	(30.16)	1.3/16	55249	25	(35.72)	1.13/32	71135	10
25.25		35777	25	30.50		61599	25	36.00		71135	10
(25.40)	1	35626	25	(30.96)	1.7/32	61599	25	36.50		71135	10
25.50		40582	25	31.00		61599	25	(36.51)	1.7/16	71135	10
26.00		40582	25	31.50		62523	25	37.00		74824	10
(26.19)	1.1/32	41130	25	(31.75)	1.1/4	62523	10	(37.31)	1.15/32	75520	10
26.50		41510	25	32.00		64459	10	37.50		82122	10
(26.99)	1.1/16	41608	25	32.50		65866	10	38.00		82122	10
27.00		44257	25	(32.54)	1.9/32	65866	10	(38.10)	1.1/2	92525	10
27.50		44257	25	33.00		65866	10	38.50		103310	10
(27.78)	1.3/32	46397	25	(33.34)	1.5/16	65866	10	39.00		103310	10
28.00		46825	25	33.50		69282	10	39.50		105102	10
28.50		47193	25	34.00		69926	10	40.00		105102	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 TiAlN Coated	mm	Inch	FL	OAL (mm)		M2	M35	M35 with TiN-Coated	M35 TiAlN Coated	mm	Inch	FL	OAL (mm)		
1.00		33	56	348				50	(5.56)	7/32	91	139	649 **								50	
1.10		37	60	348				50	5.80		91	139	707 **								50	
(1.19)	3/64	41	65	348				50	(5.95)	15/64	91	139	707								50	
1.20		41	65	348				50	6.00		91	139	707 *	882	931	972	50					50
1.30		41	65	348				50	6.20		97	148	804 **								50	
1.40		45	70	348				50	(6.35)	1/4	97	148	733 **	925	989	1053	50					50
1.50		45	70	348 *				50	6.50		97	148	1026 **	1291	1355	1421	50					50
(1.59)	1/16	50	76	348				50	(6.75)	17/64	102	156	1235								50	
1.60		50	76	348 **				50	6.80		102	156	1235 **								50	
1.70		50	76	348				50	7.00		102	156	1235 *	1558	1667	1774	50					50
1.80		53	80	348				50	(7.14)	9/32	102	156	1235								50	
1.90		53	80	348 **				50	7.20		102	156	1235								50	
(1.98)	5/64	56	85	348				50	7.50		102	156	1235 **	1558	1667	1774	50					50
2.00		56	85	348 *	491			50	(7.54)	19/64	109	165	1235								50	
2.10		56	85	348 **				50	7.80		109	165	1235 **								50	
2.20		59	90	348 **				50	(7.94)	5/16	109	165	1273	1606	1723	1839	50					50
2.30		59	90	441 **				50	8.00		109	165	1273 *	1606	1723	1839	50					50
(2.38)	3/32	62	95	441				50	8.20		109	165	1273								50	
2.40		62	95	441 **				50	(8.33)	21/64	109	165	1273								50	
2.50		62	95	441 *				50	8.50		109	165	1284 *	1604 *	1736	1853	50					50
2.60		62	95	441 *				50	(8.73)	11/32	115	175	1348								50	
2.70		66	100	441 **				50	8.80		115	175	1630								50	
(2.78)	7/64	66	100	441				50	9.00		115	175	1417 *	1787	1903	2021	50					50
2.80		66	100	441				50	(9.13)	23/64	115	175	1601								50	
2.90		66	100	441				50	9.20		115	175	1630								50	
3.00		66	100	446 *	557	598	634	50	9.50		115	175	1417 **	1787	1903	2021	50					50
(3.17)	1/8	69	106	446 **	562	598	634	50	(9.52)	3/8	121	184	1417	1787	1903	2021	25					25
3.20		69	106	446 **	561			50	9.80		121	184	1638 **								25	
3.50		73	112	446 *	562	598	633	50	(9.92)	25/64	121	184	1638								25	
(3.57)	9/64	73	112	446				50	10.00		121	184	1484 **	1871	2027	2186	25					25
3.80		78	119	479				50	10.20		121	184	1638 **								25	
(3.97)	5/32	78	119	479				50	(10.32)	13/32	121	184	1484								25	
4.00		78	119	479 *	604	640	678	50	10.50		121	184	1780 **	2245	2403	2558	25					25
4.20		78	119	479 **				50	(10.72)	27/64	128	195	2022								25	
(4.37)	11/64	82	126	479				50	10.8		128	195	2022								25	
4.50		82	126	479 **	604	640	678	50	11.0		128	195	1862 **	2349	2506	2664	25					25
(4.76)	3/16	87	132	479 **	604	640	678	50	(11.11)	7/16	128	195	1862	2349	2506	2664	25					25
4.80		87	132	479				50	11.2		128	195	2164								25	
5.00		87	132	565 *	713	754	794	50	11.5		128	195	1916	2416	2574	2731	25					25
(5.16)	13/64	87	132	565				50	(11.51)	29/64	128	195	2164								25	
5.20		87	132	565 **				50	11.8		128	195	2164								25	
5.50		91	139	649 **	818	858	899	50	(11.91)	15/32	134	205	1916								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 TiAIN Coated	mm	Inch	FL	OAL (mm)	M2	M35	M35 with TiAIN Coated	M35 TiAIN Coated			
12.0		134	205	1974 **	2490	2654	2819	25	(18.65)	47/64	162	247	4008			25	
12.2		134	205	2201				25	18.75		162	247	4050			25	
(12.30)	31/64	134	205	2201				25	19.0		162	247	4050	5109	5446	5782	25
12.5		134	205	1974	2490	2654	2819	25	(19.05)	3/4	166	254	4050	5109	5446	5782	25
(12.70)	1/2	134	205	1974	2490	2654	2819	25	19.25		166	254	4280				25
12.8		134	205	3022				25	(19.45)	49/64	166	254	4675				25
13.0		134	205	2741 **	3456	3621	3786	25	19.5		166	254	4280	5399	5777	6154	25
(13.10)	33/64	134	205	3045				25	19.75		166	254	4280				25
13.2		134	205	3045				25	(19.84)	25/32	166	254	4280				25
(13.49)	17/32	140	214	2793				25	20.0		166	254	4541	5730	6107	6484	25
13.5		140	214	3045	3842 *	4094	4349	25	(20.24)	51/64	171	261	4822				25
13.8		140	214	3315				25	20.25		171	261	4541				25
(13.89)	35/64	140	214	3315				25	20.5		171	261	4541	5730	6107	6484	25
14.0		140	214	3045	3842	4094	4349	25	(20.64)	13/16	171	261	4541	5730	6107	6484	25
14.25		144	220	3045				25	20.75		171	261	4675				25
(14.29)	9/16	144	220	3045	3842	4094	4349	25	21.0		171	261	4675	5898	6324	6748	25
14.5		144	220	3192	4027	4303	4581	25	(21.03)	53/64	171	261	5117				25
(14.68)	37/64	144	220	3514				25	21.25		176	268	4822				25
14.75		144	220	3192				25	(21.43)	27/32	176	268	4822				25
15.0		144	220	3192	4027	4303	4581	25	21.5		176	268	5117	6454	6880	7307	25
(15.08)	19/32	149	227	3192				25	21.75		176	268	5117				25
15.25		149	227	3315				25	(21.83)	55/64	176	268	5471				25
(15.48)	39/64	149	227	3621				25	22.0		176	268	5117	6454	6880	7307	25
15.5		149	227	3315	4182	4459	4735	25	(22.22)	7/8	176	268	5117	6454	6880	7307	25
15.75		149	227	3315				25	22.25		176	268	5538				25
(15.87)	5/8	149	227	3315	4182	4459	4735	25	22.5		180	275	5538	6986	7508	8030	25
16.0		149	227	3369	4250	4524	4802	25	(22.62)	57/64	180	275	5916				25
16.25		154	235	3369				25	22.75		180	275	5665				25
(16.27)	41/64	154	235	3746				25	23.0		180	275	5665	7147	7667	8191	25
16.5		154	235	3430	4327	4620	4914	25	(23.02)	29/32	180	275	5665				25
(16.67)	21/32	154	235	3430				25	23.25		180	275	5741				25
16.75		154	235	3514				25	(23.42)	59/64	180	275	6764				25
17.0		154	235	3514	4433	4724	5017	25	23.5		180	275	6283	7925	8447	8970	25
(17.07)	43/64	158	241	3818				25	23.75		185	282	6283				25
17.25		158	241	3514				25	(23.81)	15/16	185	282	6283	7925	8515	9107	25
(17.46)	11/16	158	241	3514	4433	4724	5017	25	24.0		185	282	6550	8262	8852	9442	25
17.5		158	241	3746				25	(24.21)	61/64	185	282	7148				25
17.75		158	241	3746				25	24.25		185	282	6550				25
(17.86)	45/64	158	241	4143				25	24.5		185	282	6550	8262	8852	9442	25
18.0		158	241	3818	4817	5110	5404	25	(24.61)	31/32	185	282	6550				25
18.25		162	247	3818				25	24.75		185	282	7021				25
(18.26)	23/32	162	247	3818				25	25.0	63/64	185	282	7021	8858	9448	10039	25
18.5		162	247	3976	5016	5355	5692	25	(25.40)	1	190	290	7113	8974	9801	10628	25

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

**HSS PARALLEL SHANK TWIST DRILLS****FL and OAL as per Addison Standard****EXTRA LONG****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	1282 **	1571	1777	2114	2491	3109		50
3.5		1249 **	1455	1873	2328	2801	3573		50
4	5/32	1249 **	1455	1873 **	2328	2801	3573	4927	50
4.5		1281	1571	1873	2328	2801	3679	4927	50
5	3/16	1281 *	1635 **	2029 **	2490	2941 **	3898 **	5170	50
5.5	7/32	1400	1748	2348	2654	3132	4143	5388	25
6		1400 **	1824	2230 *	2702	3241 *	4243 **	5593 **	25
6.5	1/4			2284		3302	4445	5593	25
7				2534 **		3633	5023 **	6278	25
7.5	9/32			2581		3856 **	5116	6278	25
8	5/16			2706 *		4020 *	5242 *	6425 **	25
8.5	11/32			2794 *		4105 **	5338 **	6863	25
9				2794 **		4105 **	5338	6863	25
9.5	3/8			2942		4129	5454	7083	25
10				3063 **		4243 **	5698 **	7402	25
10.5	13/32			3167		4532	5912	7783	25
11						4689	6092	8030	25
11.5	7/16					4689	6092	8030	25
12	15/32					4921 **	6461 **	8240	25
12.5	1/2					5076	6669	8788	25

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

**HSS TAPER SHANK TWIST DRILLS****IS 5103 - 1969****BS 328 (PART 1) 1986**

Size		Shank	Price Per Piece (Rs.)					MOQ (No.)
mm	inch		M2	M35	M42	M2 With Crank Shaft Design	M35 With Crank Shaft Design	
3.00		MT1	569 **			766	1149	100
(3.17)	1/8	MT1	569			801	1202	100
3.20		MT1	592			801	1202	100
3.50		MT1	569			766	1149	100
(3.57)	9/64	MT1	592			801	1202	100
3.80		MT1	592			801	1202	100
(3.97)	5/32	MT1	569			766	1149	100
4.00		MT1	569			766	1149	100
4.20		MT1	765 **			1031	1546	100
(4.37)	11/64	MT1	765			1031	1546	100
4.50		MT1	765 **			1031	1546	100
(4.76)	3/16	MT1	765			1061	1591	100
4.80		MT1	787			1061	1591	100
5.00		MT1	765 *			1031	1546	100
(5.16)	13/64	MT1	787			1061	1591	100
5.20		MT1	787 **			1061	1591	100
5.50		MT1	765 **			1031	1546	100
(5.56)	7/32	MT1	765			1061	1591	100
5.80		MT1	787			1061	1591	100
(5.95)	15/64	MT1	787			1061	1591	100
6.00		MT1	765 **			1031	1546	100
6.20		MT1	881			1190	1782	100
(6.35)	1/4	MT1	871			1282	1923	100
6.50		MT1	950			1282	1923	100
(6.75)	17/64	MT1	961 **			1298	1950	100
6.80		MT1	961 *			1298	1950	100
7.00		MT1	950			1282	1923	100
(7.14)	9/32	MT1	950 **			1298	1950	100
7.20		MT1	961			1298	1950	100
7.50		MT1	950 **			1282	1923	100
(7.54)	19/64	MT1	961			1298	1950	100
7.80		MT1	961			1298	1950	100
(7.94)	5/16	MT1	950			1282	1923	100
8.00		MT1	950			1282	1923	100
8.20		MT1	1160 **			1566	2350	100
(8.33)	21/64	MT1	1221			1431	2144	100
8.50		MT1	1060 *			1431	2144	100
(8.73)	11/32	MT1	1160			1721	2582	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	1276 **			1721	2582	100
9.00		MT1	1160 **			1566	2350	100
(9.13)	23/64	MT1	1276			1721	2582	100
9.20		MT1	1276 **			1721	2582	100
9.50		MT1	1160 **			1566	2350	100
(9.52)	3/8	MT1	1160			1566	2350	100
9.80		MT1	1368 **			1846	2770	100
(9.92)	25/64	MT1	1368			1671	2508	100
10.00		MT1	1206 *	1507	1809	1627	2442	50
10.20		MT1	1342 *			1812	2720	50
(10.32)	13/32	MT1	1298 **			2149	3223	50
10.50		MT1	1546 *	1933	2319	2089	3132	50
(10.72)	27/64	MT1	1603			2163	3245	50
10.80		MT1	1603 **			2163	3245	50
11.00		MT1	1603 *	2003	2404	2163	3245	50
(11.11)	7/16	MT1	1603 **	2003	2404	2235	3354	50
11.20		MT1	1656			2235	3354	50
11.50		MT1	1656 *	2071	2484	2235	3354	50
(11.51)	29/64	MT1	1656			2235	3354	50
11.80		MT1	1656			2235	3354	50
(11.91)	15/32	MT1	1656 **			2259	3360	50
12.00		MT1	1673 *	2091	2510	2259	3388	50
12.20		MT1	1673 **			2259	3388	50
(12.30)	31/64	MT1	1673 **			2259	3388	50
12.50		MT1	1673 *	2091	2510	2259	3388	50
(12.70)	1/2	MT1	1673 *	2091	2510	3139	4708	50
12.80		MT1	2325			3139	4708	50
13.00		MT1	2325 *	2906	3486	3139	4708	50
(13.10)	33/64	MT1	2427 **			3276	4915	50
13.20		MT1	2427 **			3276	4915	50
(13.49)	17/32	MT1	2427 *			3508	5265	50
13.50		MT1	2599 *	3250	3899	3508	5265	50
13.80		MT1	2599 *			3508	5265	50
(13.89)	35/64	MT1	2599 **			3508	5265	50
14.00		MT1	2599 *	3250 **	3899	3508	5265	50
14.25		MT2	2793 *			3768	5656	50
(14.29)	9/16	MT2	2793 *	3491	4189	3768	5656	50
14.50		MT2	2903 *			3918	5878	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	2903			3918	5878	50
14.75		MT2	2903 *			3918	5878	50
15.00		MT2	2903 **	3629	4355	3918	5878	50
(15.08)	19/32	MT2	2903 *			3918	5878	50
15.25		MT2	2942 *			3973	5960	50
(15.48)	39/64	MT2	2942			3973	5960	50
15.50		MT2	2942 *	3679	4415	3973	5960	50
15.75		MT2	2942 **			3973	5960	50
(15.87)	5/8	MT2	2942 *	3679	4415	4092	6138	50
16.00		MT2	3031 *	3789	4547	4092	6138	50
16.25		MT2	3031 *			4092	6138	50
(16.27)	41/64	MT2	3031 **			4092	6138	50
16.50		MT2	3220	4024	4830	4346	6520	50
(16.67)	21/32	MT2	3220 **			4346	6520	50
16.75		MT2	3220 **			4346	6520	50
17.00		MT2	3220 *	4024	4830	4346	6520	50
(17.07)	43/64	MT2	3273			4346	6520	50
17.25		MT2	3273 *			4418	6627	50
(17.46)	11/16	MT2	3273 *	4092	4909	4584	6878	50
17.5		MT2	3397 *	4246	5096	4584	6878	50
17.75		MT2	3445 **			4652	6978	50
(17.86)	45/64	MT2	3579			4833	7247	50
18.00		MT2	3579 *	4475	5369	4833	7247	50
18.25		MT2	3579 *			4833	7247	50
(18.26)	23/32	MT2	3579 **			4833	7247	50
18.50		MT2	3579 *	4475	5369	4833	7247	50
(18.65)	47/64	MT2	3623 **			4890	7335	50
18.75		MT2	3623 **			4890	7335	50
19.00		MT2	3623 *	4528	5434	4890	7335	50
(19.05)	3/4	MT2	3623 *	4528	5434	4890	7335	50
19.25		MT2	3805 *			5138	7706	50
(19.45)	49/64	MT2	3805			5138	7706	50
19.50		MT2	3805 *	4758	5708	5138	7706	50
19.75		MT2	3805 **			5138	7706	50
(19.84)	25/32	MT2	3805			5523	8285	50
20.00		MT2	4092 *	5115	6136	5523	8285	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	4140			25
20.25		MT2	4140 *			25
20.50		MT2	4140 *	5175	6211	25
(20.64)	13/16	MT2	4140 **	5175	6211	25
20.75		MT2	4318 **			25
21.00		MT2	4318 *	5398	6477	25
(21.03)	53/64	MT2	4427			25
21.25		MT2	4427 **			25
(21.43)	27/32	MT2	4427 **			25
21.50		MT2	4564 *	5704	6845	25
21.75		MT2	4564			25
(21.83)	55/64	MT2	4647			25
22.00		MT2	4647 *	5808	6970	25
(22.22)	7/8	MT2	4647 *	5808	6970	25
22.25		MT2	5063			25
22.50		MT2	5063 *	6330	7596	25
(22.62)	57/64	MT2	5162			25
22.75		MT2	5162			25
23.00		MT2	5162 *	6452	7743	25
(23.02)	29/32	MT3	5571			25
23.25		MT3	6167 **			25
(23.42)	59/64	MT3	6324			25
23.50		MT3	6324	7904	9484	25
23.75		MT3	6324			25
(23.81)	15/16	MT3	6324	7904	9484	25
24.00		MT3	6510 *	8137	9764	25
(24.21)	61/64	MT3	6620			25
24.25		MT3	6620 **			25
24.50		MT3	6620 *	8275	9929	25
(24.61)	31/32	MT3	6620			25
24.75		MT3	6917 **			25
25.00		MT3	6917 *	8645	10375	25
(25.00)	63/64	MT3	6917			25
25.25		MT3	7009			25
(25.40)	1	MT3	7009 *	8761	10512	25
25.50		MT3	7618 *	9522	11427	25
25.75		MT3	7618			25
(25.80)	1.1/64	MT3	7701			25
26.00		MT3	7701 *	9626	11551	25
(26.19)	1.1/32	MT3	7701			25
26.25		MT3	7932 **			25
26.50		MT3	7932 *	9915	11898	25
(26.59)	1.3/64	MT3	8115			25
26.75		MT3	8115			25
(26.99)	1.1/16	MT3	8115	10145	12173	25
27.00		MT3	8380 *	10475	12570	25
27.25		MT3	8380			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	8408			25
27.50		MT3	8408 *	10511	12614	25
27.75		MT3	8408 **			25
(27.78)	1.3/32	MT3	8408			25
28.00		MT3	9193 *	11491	13790	25
(28.18)	1.7/64	MT3	9220 *			25
28.25		MT3	9220			25
28.50		MT3	9220 *	11525	13829	25
(28.57)	1.1/8	MT3	9220 **	11525	13829	25
28.75		MT3	9500			25
(28.97)	1.9/64	MT3	9654			25
29.00		MT3	9654 *	12067	14482	25
29.25		MT3	9654			25
(29.37)	1.5/32	MT3	9654			25
29.50		MT3	9691	12114	14537	25
29.75		MT3	9691			25
(29.77)	1.11/64	MT3	9894			25
30.00		MT3	9894 *	12367	14840	25
(30.16)	1.3/16	MT3	10447 **	13060	15673	25
30.25		MT3	11250			25
30.50		MT3	11250 *	14063	16876	25
(30.56)	1.13/64	MT3	11432			25
30.75		MT3	11432			25
(30.96)	1.7/32	MT3	11432			25
31.00		MT3	12723 *	15902	19083	25
31.25		MT3	12723			25
(31.35)	1.15/64	MT3	13278			25
31.50		MT3	13278 *	16597	19916	25
(31.75)	1.1/4	MT3	13278 *	16597	19916	25
31.75		MT3	13278 *			25
32.00		MT4	14537 *			25
(32.15)	1.17/64	MT4	14537			25
32.50		MT4	14537 *			25
(32.54)	1.9/32	MT4	14537			25
(32.94)	1.19/64	MT4	14885			25
33.00		MT4	14885 *			25
(33.34)	1.5/16	MT4	14885 **			25
33.50		MT4	15396 **			25
(33.73)	1.21/64	MT4	15684			25
34.00		MT4	15684 *			25
(34.13)	1.11/32	MT4	16352			25
34.50		MT4	17180 **			25
(34.53)	1.23/64	MT4	17337			25
(34.92)	1.3/8	MT4	17337			25
35.00		MT4	17337 *			25
(35.32)	1.25/64	MT4	18375			25
35.50		MT4	18375 **			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	18375	15	(46.83)	1.27/32	MT4	32084	10
36.00		MT4	18644 *	15	47.00		MT4	32084 **	10
(36.12)	1.27/64	MT4	19028	10	(47.23)	1.55/64	MT4	32754	10
36.50		MT4	19028 **	10	47.50		MT4	32754	10
(36.51)	1.7/16	MT4	19028	10	(47.62)	1.7/8	MT4	32754	10
(36.91)	1.29/64	MT4	19028	10	48.00		MT4	35716 *	10
37.00		MT4	19498 *	10	(48.02)	1.57/64	MT4	35716	10
(37.31)	1.15/32	MT4	19498	10	(48.42)	1.29/32	MT4	35716	10
37.50		MT4	20764 **	10	48.50		MT4	35979	10
(37.70)	1.31/64	MT4	21090	10	(48.82)	1.59/64	MT4	35979	10
38.00		MT4	21090 *	10	49.00		MT4	35979 **	10
(38.10)	1.1/2	MT4	21090	10	(49.21)	1.15/16	MT4	35979	10
(38.50)	1.33/64	MT4	21747	10	49.50		MT4	36365 **	10
38.50		MT4	21747	10	(49.61)	1.61/64	MT4	36365	10
(38.89)	1.17/32	MT4	21747	10	50.00		MT4	36365 *	10
39.00		MT4	23031 *	10	(50.01)	1.31/32	MT4	36653	10
(39.29)	1.35/64	MT4	23031	10	(50.40)	1.63/64	MT4	38299	10
39.50		MT4	23031	10	50.50		MT4	38299	10
(39.69)	1.9/16	MT4	23031	10	(50.80)	2	MT4	38299 **	10
40.00		MT4	23624 *	10	51.00		MT5	51999 **	5
(40.08)	1.37/64	MT4	24013	10	51.50		MT5	51999 **	5
(40.48)	1.19/32	MT4	24013	10	(51.59)	2.1/32	MT5	51999	5
40.50		MT4	24973	10	52.00		MT5	51999 *	5
(40.88)	1.39/64	MT4	24973	10	(52.39)	2.1/16	MT5	51999	5
41.00		MT4	24973 *	10	52.50		MT5	67676	5
(41.27)	1.5/8	MT4	24973 **	10	53.00		MT5	67676	5
41.50		MT4	25954	10	(53.18)	2.3/32	MT5	67676	5
(41.67)	1.41/64	MT4	25954	10	53.50		MT5	67676	5
42.00		MT4	25954 *	10	(53.97)	2.1/8	MT5	67676	5
(42.07)	1.21/32	MT4	25954	10	54.00		MT5	67676 **	5
(42.47)	1.43/64	MT4	26617	10	54.50		MT5	71092	5
42.50		MT4	26617 **	10	(54.77)	2.5/32	MT5	71092	5
(42.86)	1.11/16	MT4	26943	10	55.00		MT5	71092 *	5
43.00		MT4	27577 **	10	55.50		MT5	71092	5
(43.26)	1.45/64	MT4	27577	10	(55.56)	2.3/16	MT5	71092	5
43.50		MT4	27577 **	10	56.00		MT5	74080 **	5
(43.66)	1.23/32	MT4	27577	10	(56.36)	2.7/32	MT5	74080	5
44.00		MT4	28551 *	10	56.50		MT5	74080 **	5
(44.05)	1.47/64	MT4	28551	10	57.00		MT5	74080 **	5
(44.45)	1.3/4	MT4	28551	10	(57.15)	2.1/4	MT5	74080	5
44.50		MT4	28551	10	57.50		MT5	80846	5
(44.85)	1.49/64	MT4	29220	10	(57.94)	2.9/32	MT5	80846	5
45.00		MT4	29220 *	10	58.00		MT5	80846 **	5
(45.24)	1.25/32	MT4	29220	10	58.50		MT5	80846	5
45.50		MT4	30543	10	(58.74)	2.5/16	MT5	80846	5
(45.64)	1.51/64	MT4	30543	10	59.00		MT5	82390	5
46.00		MT4	30543	10	59.50		MT5	82390	5
(46.04)	1.13/16	MT4	30543	10	(59.53)	2.11/32	MT5	82390	5
(46.43)	1.53/64	MT4	32084	10	60.00		MT5	82390	5
46.50		MT4	32084	10	(60.32)	2.3/8	MT5	82390 *	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	87575	5	(76.99)	3.1/32	MT6	191516	2
61.00		MT5	87575 **	5	77.00		MT6	191516	2
(61.12)	2.13/32	MT5	87575	5	(77.79)	3.1/16	MT6	191516	2
61.50		MT5	87575	5	78.00		MT6	191516	2
(61.91)	2.7/16	MT5	87575	5	(78.58)	3.3/32	MT6	195335	2
62.00		MT5	87575 **	5	79.00		MT6	195335	2
62.50		MT5	87575	5	(79.37)	3.1/8	MT6	200520	2
(62.71)	2.15/32	MT5	89049	5	80.00		MT6	200520	2
63.00		MT5	89049 **	5	(80.17)	3.5/32	MT6	214474	2
(63.50)	2.1/2	MT5	89049 **	5	(80.96)	3.3/16	MT6	214474	2
64.00		MT5	98421	5	81.00		MT6	214474	2
(64.29)	2.17/32	MT5	98421	5	(81.76)	3.7/32	MT6	220049	2
64.50		MT5	98421	5	82.00		MT6	220049	2
65.00		MT5	98421 **	5	(82.55)	3.1/4	MT6	220049	2
(65.09)	2.9/16	MT5	98421	5	83.00		MT6	224594	2
65.50		MT5	99153	5	(83.34)	3.9/32	MT6	224594	2
(65.88)	2.19/32	MT5	99153	5	84.00		MT6	224594	2
66.00		MT5	99153	5	(84.14)	3.5/16	MT6	228328	2
66.50		MT5	99153	5	(84.93)	3.11/32	MT6	228328	2
(66.67)	2.5/8	MT5	99153 **	5	85.00		MT6	228328	2
67.00		MT5	101571	5	(85.72)	3.3/8	MT6	260444	2
(67.47)	2.21/32	MT5	109031	3	86.00		MT6	260444	2
67.50		MT5	109031	3	(86.52)	3.13/32	MT6	260444	2
68.00		MT5	109031	3	87.00		MT6	260444	2
(68.26)	2.11/16	MT5	109031	3	(87.31)	3.7/16	MT6	265888	2
68.50		MT5	116968	3	88.00		MT6	265888	2
69.00		MT5	118180	3	(88.11)	3.15/32	MT6	265888	2
(69.05)	2.23/32	MT5	118180	3	(88.90)	3.1/2	MT6	265888	2
69.50		MT5	118180	3	89.00		MT6	265888	2
(69.85)	2.3/4	MT5	118180	3	90.00		MT6	271311	2
70.00		MT5	118180 *	3	(90.49)	3.9/16	MT6	281430	2
70.50		MT5	126088	3	91.00		MT6	281430	2
(70.64)	2.25/32	MT5	127459	3	92.00		MT6	281430	2
71.00		MT5	127459	3	(92.07)	3.5/8	MT6	290618	2
(71.44)	2.13/16	MT5	127459	3	93.00		MT6	290618	2
71.50		MT5	127459	3	(93.66)	3.11/16	MT6	301610	2
72.00		MT5	129923	3	94.00		MT6	301610	2
(72.23)	2.27/32	MT5	129923	3	95.00		MT6	301610	2
72.50		MT5	129923	3	(95.25)	3.3/4	MT6	301610	2
73.00		MT5	129923	3	96.00		MT6	311708	2
(73.02)	2.7/8	MT5	129923	3	(96.84)	3.13/16	MT6	311708	2
73.50		MT5	136824	3	97.00		MT6	311708	2
(73.82)	2.29/32	MT5	138271	3	98.00		MT6	317221	2
74.00		MT5	138271 *	3	(98.42)	3.7/8	MT6	321750	2
74.50		MT5	138271	3	99.00		MT6	321750	2
(74.61)	2.15/16	MT5	138271	3	100.00		MT6	321750	2
75.00		MT5	139992 *	3	(100.01)	3.15/16	MT6	327262	2
(75.41)	2.31/32	MT5	139992	3	101.00		MT6	325981	2
75.50		MT5	139992	3	(101.60)	4	MT6	327262	2
76.00		MT5	139992	3	102.00		MT6	327262	2
(76.20)	3	MT5	139992	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	1682	25	14		142	223	MT1	4897 **	25
5.2		74	155	MT1	1682	25	14.25		147	245	MT2	6112	25
5.5	(7/32)	80	161	MT1	1873	25	14.5	(9/16)	147	245	MT2	6112	25
5.8		80	161	MT1	1873	25	14.75		147	245	MT2	6246	25
6		80	161	MT1	1873	25	15		147	245	MT2	6246	25
6.2		86	167	MT1	2085	25	15.25		153	251	MT2	6391	25
6.5	(1/4)	86	167	MT1	2085	25	15.5		153	251	MT2	6391	25
6.8		93	174	MT1	2248	25	15.75		153	251	MT2	6553	25
7		93	174	MT1	2248	25	16	(5/8)	153	251	MT2	6553	25
7.2		93	174	MT1	2322	25	16.25		159	257	MT2	6669 **	25
7.5		93	174	MT1	2322	25	16.5		159	257	MT2	6669	25
7.8		100	181	MT1	2453	25	16.75		159	257	MT2	6811	25
8	(5/16)	100	181	MT1	2453 **	25	17		159	257	MT2	6811	25
8.2		100	181	MT1	2505	25	17.25		165	263	MT2	7395	25
8.5		100	181	MT1	2505 **	25	17.5	(11/16)	165	263	MT2	7395	25
8.8		107	188	MT1	2714	25	17.75		165	263	MT2	7412	25
9		107	188	MT1	2714 **	25	18		165	263	MT2	7412 **	25
9.2		107	188	MT1	2780	25	18.25		171	269	MT2	7530	25
9.5	(3/8)	107	188	MT1	2780	25	18.5		171	269	MT2	7530	25
9.8		116	197	MT1	3155	25	18.75		171	269	MT2	7650	25
10		116	197	MT1	3155 **	25	19	(3/4)	171	269	MT2	7650	25
10.2		116	197	MT1	3245	25	19.25		177	275	MT2	7859	25
10.5		116	197	MT1	3245 **	25	19.5		177	275	MT2	7859	25
10.8		125	206	MT1	3315	25	19.75		177	275	MT2	7991	25
11		125	206	MT1	3315	25	20		177	275	MT2	7991	25
11.2		125	206	MT1	3437	25	20.25		184	282	MT2	8124	25
11.5	(7/16)	125	206	MT1	3437	25	20.5		184	282	MT2	8124	25
11.8		125	206	MT1	3437	25	20.75		184	282	MT2	8273	25
12		134	215	MT1	4077	25	21	(13/16)	184	282	MT2	8273	25
12.2		134	215	MT1	4297	25	21.25		191	289	MT2	9610	25
12.5	(1/2)	134	215	MT1	4297	25	21.5		191	289	MT2	9610	25
12.8		134	215	MT1	4297	25	21.75		191	289	MT2	9803	25
13		134	215	MT1	4297	25	22		191	289	MT2	9803	25
13.2		134	215	MT1	4297	25	22.25		191	289	MT2	10470	25
13.5		142	223	MT1	4707	25	22.5	(7/8)	198	296	MT2	10470	25
13.8		142	223	MT1	4897	25	22.75		198	296	MT2	10972	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	10972	25	32.5		248	397	MT4	28306	10
23.25		198	319	MT3	13405	25	33	(1.5/16)	248	397	MT4	28306	10
23.5		198	319	MT3	13405	25	33.5		248	397	MT4	29539	10
23.75		206	327	MT3	13405	25	34		257	406	MT4	29539	10
24	(15/16)	206	327	MT3	13405	25	34.5		257	406	MT4	30829	10
24.25		206	327	MT3	13991	25	35	(1.3/8)	257	406	MT4	30829	10
24.5		206	327	MT3	13991	25	35.5		257	406	MT4	30829	10
24.75		206	327	MT3	14501	25	36		267	416	MT4	33784	10
25		206	327	MT3	14501 **	25	36.5		267	416	MT4	35048	10
25.25		214	335	MT3	14501	25	37	(1.7/16)	267	416	MT4	35048	10
25.5	(1)	214	335	MT3	14501	25	37.5		267	416	MT4	37954	10
25.75		214	335	MT3	15081	25	38	(1.1/2)	277	426	MT4	37954	10
26		214	335	MT3	15081 **	25	38.5		277	426	MT4	39201	10
26.25		214	335	MT3	15518	25	39		277	426	MT4	39201	10
26.5		214	335	MT3	15518 **	25	39.5		277	426	MT4	40754	10
26.75		222	343	MT3	18389	25	40		277	426	MT4	40754	10
27	(1.1/16)	222	343	MT3	18389	25	40.5		287	436	MT4	40754	10
27.25		222	343	MT3	18976	25	41	(1.5/8)	287	436	MT4	40754	10
27.5		222	343	MT3	18976	25	41.5		287	436	MT4	42837	10
27.75		222	343	MT3	19559	25	42		287	436	MT4	42837	10
28		222	343	MT3	19559	25	42.5		287	436	MT4	45321	10
28.25		230	351	MT3	20190	25	43		298	447	MT4	48686	10
28.5	(1.1/8)	230	351	MT3	20190	25	43.5		298	447	MT4	51324	10
28.75		230	351	MT3	20756	25	44		298	447	MT4	51324	10
29		230	351	MT3	20756	25	44.5		298	447	MT4	53435	10
29.25		230	351	MT3	21330	25	45	(1.3/4)	298	447	MT4	53435	10
29.5		230	351	MT3	21330	25	45.5		310	459	MT4	56338	10
29.75		230	351	MT3	21935	25	46	(1.13/16)	310	459	MT4	56338	10
30	(1.3/16)	230	351	MT3	21935	25	46.5		310	459	MT4	58630	10
30.25		239	360	MT3	22519	25	47		310	459	MT4	58630	10
30.5		239	360	MT3	22519	25	47.5		310	459	MT4	61592	10
30.75		239	360	MT3	22519	25	48	(1.7/8)	321	470	MT4	61592	10
31		239	360	MT3	22519	25	48.5		321	470	MT4	67455	10
31.25		239	360	MT3	22681	25	49	(1.15/16)	321	470	MT4	67455	10
31.5		239	360	MT3	22681	25	49.5		321	470	MT4	67455	10
31.75	(1.1/4)	248	369	MT3	23557	25	50		321	470	MT4	70932	10
32		248	397	MT4	27134	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	2365	2780	3079	3503	3970		4585				25
3.5		2431	2780	3165	3588	4075		4710				25
4	5/32	2431	2780	3165	3588	4075		4710				25
4.5		2491	2858	3165	3674	4320		4955				25
5	3/16	2491	2858	3165	3674	4320		4955				25
5.5	7/32	2491	2876	3319 **	3891	4412		5088				25
6		2506 **	2876	3354	3891	4412 **	4822	5088				25
6.5	1/4	2542	2968	3370	4087	4585	4973	5239				25
7		2769 **	3118	3501	4165	4799	5278	5499				25
7.5		2801	3196	3602	4241	4924	5394	5605				25
8	5/16	2926 **	3267	3745 **	4394	5049 **	5481	5761				25
8.5		3023 *	3392 **	3819 **	4472	5142 **	5547	5920				25
9		3071 **	3440	3910 **	4495	5182	5694	5969				25
9.5	3/8	3147	3482	3910 **	4619	5312 **	5770	5997				25
10		3155 **	3571 **	4027 **	4701	5415	5912	6164	6897	7777	8650 **	25
10.5		3245	3704 **	4297 **	4968	5694	6166	6475	7403	8318	9374	25
11		3317	3819	4338	5049	5798	6367	6640	7538	8451	9450	25
11.5	7/16	3437	3898	4448	5172	5941	6475	6764	7741	8675	9697	25
12			4078 **	4643	5378	6164	6726	7065	7990	8871	9950 **	25
12.5	1/2		4297	4799	5573	6352	6942	7261	8367	9443	10670	25
13				5694 **	6521	7403	8037	8451	9618	10795	12127	25
13.5				5875	6652	7605	8233	8607	9802	11065	12432	25
14				6072 **	6850	7741	8399	8743	9994 **	11291	12671	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	6111	6944	7856	8444	8871	10186	25
15		6246	7096	8046 **	8624 **	9086	10389 **	25
15.5		6390	7260	8124 **	8792	9212	10546	25
16	5/8	6553	7381	8286	8917	9378	10699 **	25
16.5		6669	7479	8444	9086	9525	10899	25
17		6810	7661	8533 **	9197	9652	11065	25
17.5	11/16			8743 **	9374	9840	11278 **	25
18				8871 **	9582	9994	11459 **	25
18.5				9011	9697	10175	11560	25
19	3/4			9173 **	9986	10326	11749 **	25
19.5				9287	9950	10426	11962	25
20				9443 **	10114	10626	12100 **	25
20.5				9618	10298	10775	12301	25
21	13/16			9791	10497	10956	12566	25
21.5				9994	10670	11140	12786	25
22				10213 **	10955	11459	13025 **	25
22.5	7/8			10483	11186 **	11704	13246	25
23				10972	11711	12138	13685	25
23.5				12055		13405	14689	25
24	15/16			12055		13405	14835 **	25
24.5				12432		13991	15514	25
25						14501	16083 **	25
25.5	1						16582	25
26							17257 **	25
26.5							17772	25
27	1.1/16						18389	25
27.5							18977	25
28							19560	25
28.5	1.1/8						20190 **	25
29							20756	25
29.5							21330	25
30	1.3/16						21934	25
31	1.1/4						22519	25
32							22681	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	11488	12893	15158	16919	19039	21352			25
15		11648	13104	15091	17123	19229	21569			25
15.5		11871	13283	15199	17288	19398	21754			25
16	5/8	12055	13551	15515	17588	19632	21995			25
16.5		12278	13837	15748	17772	19832	22130			25
17		12442	13991	15936	17995	20025	22337			25
17.5	11/16	12653	14157	16128	18201	20278	22545			25
18		12874	14416	16331	18389	20492	22765	25266		25
18.5		13025	14643	16536	18600	20632	22983	25513		25
19	3/4	13228	14835	16710	18812	20836	23116	25657		25
19.5		13487	15137	16919	19034	21085	23340	25909		25
20		13670	15355	17257	19229	21314	23625	26224		25
20.5		13837	15586	17464	19560	21641	23981	26620		25
21	13/16	14125	15839	17837	19892	22039	24357	27038		25
21.5		14396	16142	18104	20312	22437	24853	27589		25
22		14643	16412 **	18389	20628	22794	25247	28023		25
22.5	7/8	14835	16589	18707	20913	23186	25667 **	28489		25
23		15159	16885 **	18977	21295	23530	26039	28904		25
23.5		16147	17462	19620	21900	24241	26839	29791		25
24	15/16	16357	18072 **	20236	22594	24901	27556	30587		25
24.5		16919	18688	20902	23237	25630	28305	31137		25
25		17588	19266 **	21494	23909	26343	29096	32006		25
25.5	1	18104	19838	22106	24536	27052	29776	32752		25
26		18759	20481	22765	25262	27751	30568	33627		25
26.5		19306	21052	23396	25907	28405	31319	34449		25
27	1.1/16	19982	21676 **	24015	26554	29144	32046	35252		25
27.5		20492	22212	24654	27222	29821	32769	36045		25
28		21085	22862 **	25262	27882	31159	33561 **	36917		25
28.5	1.1/8	21705	23430	25851	28559	31267	34253	37679		25
29		22302	24068	26501	29240	31928	35028	38531		25
29.5		22862	24638	27133	29863	32649	35796	39376		25
30	1.3/16	23477	25247	27751	30534	33336	36502	40893		25
31	1.1/4	24064	25858	28435	31327	34204	37532 **	40909		25
32		24536	27133 **	29821	32844	35796	39271 **	41841		10
33	1.5/16		28305 **	31148	34307	37397	40987	43726		10
34			29539	32472	35774	39016	42750	45573		10
35	1.3/8		30829 **	33896	37247	40649	44494	47413		10
36			32046 **	35182	38690	42215	46238	49180		10
37	1.7/16		33266	36502	40162	43799	47920	51026		10
38	1.1/2		34535 **	37955	41719	45441	49738	52950		10
39			35796	39619	43046	46884	51222	54523		10
40			37295 **	40754	44560	48466	52902	56243		10
41	1.5/8						54656	59030		10
42							57086	61653		10
43							59617	63790		10
44							62105	66451		10
45	1.3/4						64635	68569		10
46	1.13/16						67371	71413		10
47							70092	74299		10
48	1.7/8						72828	77198		10
49	1.15/16						75506	80036		10
50							78549 **	83262		10

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



**HSS TAPER SHANK TWIST DRILLS
EXTRA LONG**

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

Size		M2 Price Per Piece (Rs.)						MOQ (No.)
		Overall Length in millimetre						
mm	inch	550	575	600	625	650	675	
14.5	9/16	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—
17		—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—
18		27773	30276	32780	35285	37788	40293	10
18.5		28038	30568	33097	35624	38152	40680	10
19	3/4	28200	30742	33285	35828	38372	40913	10
19.5		28478	31045	33611	36179	38748	41314	10
20		28823	31421	34023	36620	39219	41818	10
20.5		29257	31894	34532	37170	39809	42447	10
21	13/16	29716	32395	35075	37754	40434	43112	10
21.5		30321	33055	35789	38521	41254	43989	10
22		30801	33578	36355	39132	41910	44687	10
22.5		31313	34136	36960	39783	42605	45428	10
23		31770	34635	37498	40363	43227	46094	10
23.5		32744	35698	38648	41603	44555	47506	10
24	15/16	33618	36649	39683	42714	45745	48774	10
24.5		33967	36797	39912	43024	46137	49251	10
25		34915	37825	40735	43644	46554	49464	10
25.5	1	35730	38708	41686	44663	47640	50618	10
26		36684	39739	42795	45855	48911	51969	10
26.5		37582	40714	43846	46978	50107	53242	10
27	1.1/16	38456	41660	44864	48070	51275	54479	10
27.5		39323	42601	45877	49153	52431	55709	10
28		40273	43631	46986	50343	53697	57054	10
28.5	1.1/8	41103	44529	47954	51379	54804	58230	10
29		42035	45538	49039	52544	56045	59548	10
29.5		42955	46534	50113	53693	57273	60852	10
30	1.3/16	43803	47454	51042	54752	58402	62053	10
31	1.1/4	44286	47665	51102	54990	58489	62201	10
32		45190	48537	51883	55230	58577	63237	10
33	1-5/16	47225	50719	54218	57716	61215	64712	10
34		49219	52863	56511	60156	63803	67447	10
35	1-3/8	51207	55001	58794	62586	66379	70173	10
36	1-7/16	53116	57050	60984	64916	68853	72787	10
37		55108	59191	63273	67356	71437	75521	10
38	1-1/2	57186	61422	65658	69895	74131	78366	10
39		58885	63247	67609	71972	76333	80694	10
40		60740	65241	69741	74238	78740	83239	10
41	1-5/8	63401	67774	72148	76520	80892	85265	10
42		66219	70787	75354	79921	84487	88832	10
43		67965	72137	76310	80483	84657	89055	10
44		70800	75147	79496	83842	88190	92536	10
45	1-3/4	73685	78207	82733	87258	91624	95668	10
46	1-13/16	75455	79499	83538	87582	91781	96306	10
47		78504	82710	86916	91123	95326	99534	10
48	1-7/8	81569	85937	90308	94678	99046	103417	10
49	1-15/16	84566	89096	93625	98157	102687	107217	10
50		87975	92687	97399	102114	106826	111540	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	700	725	750	775	800	825		
14.5	9/16	—	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—	—
17		—	—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—	—
18		42795	45300	47805	50309	52813	55317	5	
18.5		43208	45738	48263	50791	53322	55849	5	
19	3/4	43455	46000	48540	51084	53626	56171	5	
19.5		43882	46449	49018	51585	54152	56720	5	
20		44416	47015	49614	52213	54812	57409	5	
20.5		45084	47724	50361	52999	55635	58274	5	
21	13/16	45792	48469	51148	53829	56507	59187	5	
21.5		46725	49457	52192	54925	57659	60393	5	
22		47463	50241	53018	55794	58573	61350	5	
22.5		48252	51075	53897	56723	59545	62366	5	
23		48956	51820	54947	57550	60412	63278	5	
23.5		50459	53412	56364	59315	62268	65220	5	
24	15/16	51807	54838	57867	60901	63931	66963	5	
24.5		52225	55195	58169	61001	63970	66980	5	
25		52372	55283	58192	61103	64011	66996	5	
25.5	1	53598	56575	59552	62530	65506	68484	5	
26		55024	58081	61138	64195	67252	70309	5	
26.5		56374	59506	62636	65767	68901	72033	5	
27	1.1/16	57685	60888	64094	67300	70503	73708	5	
27.5		58984	62263	65538	68815	72093	75368	5	
28		60409	63767	67123	70479	73836	77190	5	
28.5	1.1/8	61655	65080	68506	71931	75356	78781	5	
29		63050	66554	70057	73559	77062	80566	5	
29.5		64431	68011	71590	75172	78751	82328	5	
30	1.3/16	65703	69352	73003	76520	80303	83954	5	
31	1.1/4	66144	69520	73141	76655	80879	84257	5	
32		66584	69932	73279	78106	81455	84802	5	
33	1-5/16	68210	71709	75206	78704	82201	85700	5	
34		71093	74738	78384	82031	85675	89322	5	
35	1-3/8	73967	77760	81553	85344	89138	92933	5	
36	1-7/16	76723	80656	84591	88524	92461	96393	5	
37		79601	83683	87766	91849	95931	100013	5	
38	1-1/2	82602	86839	91074	95309	99545	103781	5	
39		85058	89419	93780	98143	102504	106865	5	
40		87739	92238	96736	101237	105734	110234	5	
41	1-5/8	89637	94011	98381	102755	107127	111502	5	
42		93005	98188	102755	107323	111890	116456	5	
43		93622	99709	104167	108625	113081	117538	5	
44		96884	101231	105579	109928	114274	118620	5	
45	1-3/4	99709	105357	109880	114405	118931	123453	5	
46	1-13/16	100830	106650	110691	114736	119961	124003	5	
47		103740	107945	112150	116356	121005	125212	5	
48	1-7/8	107787	112156	116525	120895	125265	129635	5	
49	1-15/16	111747	116277	120807	125339	129869	134399	5	
50		116253	120965	125680	130392	135104	139818	5	

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	mm	inch	M2 Price Per Piece (Rs.)							MOQ (No.)
			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		57821	60323	62828	—	—	—	—	—	—
18.5		58377	60905	63433	—	—	—	—	—	—
19	3/4	58712	61255	63799	—	—	—	—	—	—
19.5		59288	61855	64423	—	—	—	—	—	—
20		60010	62607	65206	—	—	—	—	—	—
20.5		60912	63549	66186	—	—	—	—	—	—
21	13/16	61866	64545	67226	—	—	—	—	—	—
21.5		63127	65861	68595	—	—	—	—	—	—
22		64127	66905	69681	72458	75236	78013	80791	5	
22.5		65191	68014	70836	73660	76484	79307	82131	5	
23		66143	69007	71871	74734	77600	80465	83850	5	
23.5		68172	71127	74079	77031	79983	82936	85888	5	
24	15/16	69994	73024	76056	79086	82118	85149	88180	5	
24.5		70023	73067	76075	79119	82126	85283	88326	5	
25		70053	73111	76094	79150	82135	85416	88472	5	
25.5	1	71461	74439	77416	80393	83372	86349	89328	5	
26		73366	76423	79480	82538	85594	88651	91707	5	
26.5		75165	78295	81426	84561	87691	90823	93955	5	
27	1.1/16	76913	80116	83322	86526	89730	92935	96139	5	
27.5		78647	81922	85198	88477	91754	95030	98306	5	
28		80547	83904	87259	90614	93973	97327	100683	5	
28.5	1.1/8	82205	85632	89058	92480	95908	99333	102758	5	
29		84067	87572	91074	94576	98080	101583	105085	5	
29.5		85908	89487	93069	96648	100225	103807	107386	5	
30	1.3/16	87604	91012	94843	98251	101778	105219	108427	5	
31	1.1/4	87637	91255	94875	98399	101840	105250	108627	5	
32		88149	91496	94903	98493	101903	105427	108775	5	
33	1-5/16"	89197	92697	96194	99692	103190	106688	110187	5	
34		92968	96614	100259	103905	107551	111196	114845	5	
35	1-3/8"	96725	100518	104310	108104	111897	115690	119484	5	
36	1-7/16"	100328	104262	108197	112130	116067	120001	123935	5	
37		104096	108175	112258	116340	120423	124505	128587	5	
38	1-1/2"	108018	112254	116490	120726	124960	129197	133433	2	
39		111226	115589	119952	124313	128675	133038	137400	2	
40		114736	119235	123733	128232	132732	137233	141730	2	
41	1-5/8"	115871	120246	124618	128990	133362	137734	142108	2	
42		116957	121524	126091	130561	134736	138909	143083	2	
43		118045	122217	126390	130660	135130	139697	143477	2	
44		122968	127315	131664	136009	140358	144704	149053	2	
45	1-3/4"	127977	132088	136129	140655	145111	149222	153745	2	
46	1-13/16"	128046	132502	137028	141068	145180	149832	154650	2	
47		129415	133622	137827	142034	146239	150444	157437	2	
48	1-7/8"	134004	138373	142744	147112	151483	155852	160222	2	
49	1-15/16"	138929	143460	147990	152521	157052	161582	166110	2	
50		144529	149242	153956	158669	163381	168095	172806	2	

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


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	
50.50		59769	65742	71718	77696	83673	89651	95627	101603	2
50.8	2	59769	65742	71718	77696	83673	89651	95627	101603	2
51.00		—	—	78441	83850	89261	94670	100080	105490	2
51.50		—	—	78441	83850	89261	94670	100080	105490	2
51.59	2.1/32	—	—	78441	83850	89261	94670	100080	105490	2
52.00		—	—	78441	83850	89261	94670	100080	105490	2
52.39	2.1/16	—	—	78441	83850	89261	94670	100080	105490	2
52.50		—	—	84487	91529	98568	105610	112651	119691	2
53.00		—	—	84487	91529	98568	105610	112651	119691	2
53.18	2.3/32	—	—	84487	91529	98568	105610	112651	119691	2
53.50		—	—	84487	91529	98568	105610	112651	119691	2
53.97	2.1/8	—	—	84487	91529	98568	105610	112651	119691	2
54.00		—	—	84487	91529	98568	105610	112651	119691	2
54.50		—	—	88751	96149	103545	110943	118338	125734	2
54.77	2.5/32	—	—	88751	96149	103545	110943	118338	125734	2
55.00		—	—	88751	96149	103545	110943	118338	125734	2
55.50		—	—	88751	96149	103545	110943	118338	125734	2
55.56	2.3/16	—	—	88751	96149	103545	110943	118338	125734	2
56.00		—	—	92483	100191	107897	115605	123312	131019	2
56.36	2.7/32	—	—	92483	100191	107897	115605	123312	131019	2
56.50		—	—	92483	100191	107897	115605	123312	131019	2
57.00		—	—	92483	100191	107897	115605	123312	131019	2
57.15	2.1/4	—	—	92483	100191	107897	115605	123312	131019	2
57.50		—	—	96725	109340	117750	126162	134574	142984	2
57.94	2.9/32	—	—	96725	109340	117750	126162	134574	142984	2
58.00		—	—	96725	109340	117750	126162	134574	142984	2
58.50		—	—	96725	109340	117750	126162	134574	142984	2
58.74	2.5/16	—	—	96725	109340	117750	126162	134574	142984	2
59.00		—	—	98571	111428	120001	128572	137144	145714	2
59.50		—	—	98571	111428	120001	128572	137144	145714	2
59.53	2.11/32	—	—	98571	111428	120001	128572	137144	145714	2
60.00		—	—	98571	111428	120001	128572	137144	145714	2
60.32	2.3/8	—	—	98571	111428	120001	128572	137144	145714	2
60.50		—	—	107509	116621	125730	134842	143953	153062	2
61.00		—	—	107509	116621	125730	134842	143953	153062	2
61.12	2.13/32	—	—	107509	116621	125730	134842	143953	153062	2
61.50		—	—	107509	116621	125730	134842	143953	153062	2
61.91	2.7/16	—	—	107509	116621	125730	134842	143953	153062	2
62.00		—	—	107509	116621	125730	134842	143953	153062	2
62.50		—	—	107509	116621	125730	134842	143953	153062	2
62.71	2.15/32	—	—	109320	118582	127848	137111	146378	155641	2
63.00		—	—	109320	118582	127848	137111	146378	155641	2
63.5	2.1/2	—	—	109320	118582	127848	137111	146378	155641	2
64.00		—	—	118775	126968	137207	145396	155635	163828	2
64.29	2.17/32	—	—	118775	126968	137207	145396	155635	163828	2
64.50		—	—	118775	126968	137207	145396	155635	163828	2
65.00		—	—	118775	126968	137207	145396	155635	163828	2
65.09	2.9/16	—	—	118775	126968	137207	145396	155635	163828	2
65.50		—	—	119658	127912	138228	146480	156795	165047	2
65.88	2.19/32	—	—	119658	127912	138228	146480	156795	165047	2
66.00		—	—	119658	127912	138228	146480	156795	165047	2
66.50		—	—	119658	127912	138228	146480	156795	165047	2
66.67	2.5/8	—	—	119658	127912	138228	146480	156795	165047	2
67.00		—	—	122576	131030	141598	150052	160619	169072	2
67.47	2.21/32	—	—		140655	149729	158803	170146	181489	2



M2 HSS TAPER SHANK TWIST DRILLS
EXTRA LONG

FL and OAL as per Addison Standard

All other specifications as per IS 7822 - 2005

Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	600	625	650	675	700	725	750	775	
50.50		107579	113556	119533	125511	131487	137464	143441	149418	2
50.80	2	107579	113556	119533	125511	131487	137464	143441	149418	2
51.00		110898	116309	121719	127127	132539	137948	148767	154177	2
51.50		110898	116309	121719	127127	132539	137948	148767	154177	2
51.59	2.1/32	110898	116309	121719	127127	132539	137948	148767	154177	2
52.00		110898	116309	121719	127127	132539	137948	148767	154177	2
52.39	2.1/16	110898	116309	121719	127127	132539	137948	148767	154177	2
52.50		126732	133772	140813	147854	154893	161935	168975	176017	2
53.00		126732	133772	140813	147854	154893	161935	168975	176017	2
53.18	2.3/32	126732	133772	140813	147854	154893	161935	168975	176017	2
53.50		126732	133772	140813	147854	154893	161935	168975	176017	2
53.97	2.1/8	126732	133772	140813	147854	154893	161935	168975	176017	2
54.00		126732	133772	140813	147854	154893	161935	168975	176017	2
54.50		133130	140527	147922	155318	162713	170109	177507	184903	2
54.77	2.5/32	133130	140527	147922	155318	162713	170109	177507	184903	2
55.00		133130	140527	147922	155318	162713	170109	177507	184903	2
55.50		133130	140527	147922	155318	162713	170109	177507	184903	2
55.56	2.3/16	133130	140527	147922	155318	162713	170109	177507	184903	2
56.00		138726	146432	154140	161847	169552	177260	184967	192676	2
56.36	2.7/32	138726	146432	154140	161847	169552	177260	184967	192676	2
56.50		138726	146432	154140	161847	169552	177260	184967	192676	2
57.00		138726	146432	154140	161847	169552	177260	184967	192676	2
57.15	2.1/4	138726	146432	154140	161847	169552	177260	184967	192676	2
57.50		151396	159806	168216	176628	185038	193448	201859	210272	2
57.94	2.9/32	151396	159806	168216	176628	185038	193448	201859	210272	2
58.00		151396	159806	168216	176628	185038	193448	201859	210272	2
58.50		151396	159806	168216	176628	185038	193448	201859	210272	2
58.74	2.5/16	151396	159806	168216	176628	185038	193448	201859	210272	2
59.00		154286	162857	171430	180001	188572	197144	205714	214287	2
59.50		154286	162857	171430	180001	188572	197144	205714	214287	2
59.53	2.11/32	154286	162857	171430	180001	188572	197144	205714	214287	2
60.00		154286	162857	171430	180001	188572	197144	205714	214287	2
60.32	2.3/8	154286	162857	171430	180001	188572	197144	205714	214287	2
60.50		162173	171287	180396	189507	198619	207730	216839	225951	2
61.00		162173	171287	180396	189507	198619	207730	216839	225951	2
61.12	2.13/32	162173	171287	180396	189507	198619	207730	216839	225951	2
61.50		162173	171287	180396	189507	198619	207730	216839	225951	2
61.91	2.7/16	162173	171287	180396	189507	198619	207730	216839	225951	2
62.00		162173	171287	180396	189507	198619	207730	216839	225951	2
62.50		162173	171287	180396	189507	198619	207730	216839	225951	2
62.71	2.15/32	164904	174169	183434	192697	201962	211227	220492	229754	2
63.00		164904	174169	183434	192697	201962	211227	220492	229754	2
63.5	2.1/2	164904	174169	183434	192697	201962	211227	220492	229754	2
64.00		172019	180209	188402	196592	204785	212975	221166	230411	2
64.29	2.17/32	172019	180209	188402	196592	204785	212975	221166	230411	2
64.50		172019	180209	188402	196592	204785	212975	221166	230411	2
65.00		172019	180209	188402	196592	204785	212975	221166	230411	2
65.09	2.9/16	172019	180209	188402	196592	204785	212975	221166	230411	2
65.50		173301	181553	189805	198056	206310	214562	222814	231066	2
65.88	2.19/32	173301	181553	189805	198056	206310	214562	222814	231066	2
66.00		173301	181553	189805	198056	206310	214562	222814	231066	2
66.50		173301	181553	189805	198056	206310	214562	222814	231066	2
66.67	2.5/8	173301	181553	189805	198056	206310	214562	222814	231066	2
67.00		177526	185980	194432	202886	211341	219794	228248	236700	2
67.47	2.21/32	192832	204175	215519	226862	238206	249547	260891	272234	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	mm	inch	M2 Price Per Piece (Rs.)								MOQ (No.)
			800	825	850	875	900	925	950	975	
50.50		155393	161370	167348	173324	179300	185277	191254	197229	203206	2
50.8	2	155393	161370	167348	173324	179300	185277	191254	197229	203206	2
51.00		159586	164996	170406	175817	181225	186634	192046	197455	205570	2
51.50		159586	164996	170406	175817	181225	186634	192046	197455	205570	2
51.59	2.1/32	159586	164996	170406	175817	181225	186634	192046	197455	205570	2
52.00		159586	164996	170406	175817	181225	186634	192046	197455	205570	2
52.39	2.1/16	159586	164996	170406	175817	181225	186634	192046	197455	205570	2
52.50		183056	190097	197138	204178	211219	218261	225300	232342	239381	2
53.00		183056	190097	197138	204178	211219	218261	225300	232342	239381	2
53.18	2.3/32	183056	190097	197138	204178	211219	218261	225300	232342	239381	2
53.50		183056	190097	197138	204178	211219	218261	225300	232342	239381	2
53.97	2.1/8	183056	190097	197138	204178	211219	218261	225300	232342	239381	2
54.00		183056	190097	197138	204178	211219	218261	225300	232342	239381	2
54.50		192298	199694	207092	214487	221885	229279	236674	244071	251467	2
54.77	2.5/32	192298	199694	207092	214487	221885	229279	236674	244071	251467	2
55.00		192298	199694	207092	214487	221885	229279	236674	244071	251467	2
55.50		192298	199694	207092	214487	221885	229279	236674	244071	251467	2
55.56	2.3/16	192298	199694	207092	214487	221885	229279	236674	244071	251467	2
56.00		200381	208090	215797	223502	231211	238918	246622	254329	262037	2
56.36	2.7/32	200381	208090	215797	223502	231211	238918	246622	254329	262037	2
56.50		200381	208090	215797	223502	231211	238918	246622	254329	262037	2
57.00		200381	208090	215797	223502	231211	238918	246622	254329	262037	2
57.15	2.1/4	200381	208090	215797	223502	231211	238918	246622	254329	262037	2
57.50		218682	227093	235504	243915	252326	260736	269146	277556	285968	2
57.94	2.9/32	218682	227093	235504	243915	252326	260736	269146	277556	285968	2
58.00		218682	227093	235504	243915	252326	260736	269146	277556	285968	2
58.50		218682	227093	235504	243915	252326	260736	269146	277556	285968	2
58.74	2.5/16	218682	227093	235504	243915	252326	260736	269146	277556	285968	2
59.00		222859	231429	240001	248572	257142	265716	274285	282858	291429	2
59.50		222859	231429	240001	248572	257142	265716	274285	282858	291429	2
59.53	2.11/32	222859	231429	240001	248572	257142	265716	274285	282858	291429	2
60.00		222859	231429	240001	248572	257142	265716	274285	282858	291429	2
60.32	2.3/8	222859	231429	240001	248572	257142	265716	274285	282858	291429	2
60.50		235063	244173	253284	262394	271505	280617	289728	298839	307950	2
61.00		235063	244173	253284	262394	271505	280617	289728	298839	307950	2
61.12	2.13/32	235063	244173	253284	262394	271505	280617	289728	298839	307950	2
61.50		235063	244173	253284	262394	271505	280617	289728	298839	307950	2
61.91	2.7/16	235063	244173	253284	262394	271505	280617	289728	298839	307950	2
62.00		235063	244173	253284	262394	271505	280617	289728	298839	307950	2
62.50		235063	244173	253284	262394	271505	280617	289728	298839	307950	2
62.71	2.15/32	239020	248283	257547	266813	276076	285341	294607	303869	313134	2
63.00		239020	248283	257547	266813	276076	285341	294607	303869	313134	2
63.5	2.1/2	239020	248283	257547	266813	276076	285341	294607	303869	313134	2
64.00		239168	250860	262125	270315	278508	286698	294889	304604	317416	2
64.29	2.17/32	239168	250860	262125	270315	278508	286698	294889	304604	317416	2
64.50		239168	250860	262125	270315	278508	286698	294889	304604	317416	2
65.00		239168	250860	262125	270315	278508	286698	294889	304604	317416	2
65.09	2.9/16	239168	250860	262125	270315	278508	286698	294889	304604	317416	2
65.50		239317	252728	264078	272328	280581	288834	297086	305337	319781	2
65.88	2.19/32	239317	252728	264078	272328	280581	288834	297086	305337	319781	2
66.00		239317	252728	264078	272328	280581	288834	297086	305337	319781	2
66.50		239317	252728	264078	272328	280581	288834	297086	305337	319781	2
66.67	2.5/8	239317	252728	264078	272328	280581	288834	297086	305337	319781	2
67.00		245155	253608	270516	278970	287422	295877	304330	312784	327578	2
67.47	2.21/32	283577	294919	306262	317607	328947	340292	351636	362978	374323	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 mm	inch	M2 Price Per Piece (Rs.)					MOQ (No.)
		Overall Length in millimetre					
475	500	525	550	575			
67.50		140655	149729	158803	170146	181489	2
68.00		140655	149729	158803	170146	181489	2
68.26	2.11/16	140655	149729	158803	170146	181489	2
68.50		148459	158195	167928	177663	187399	2
69.00		149999	159836	169671	179508	189343	2
69.05	2.23/32	149999	159836	169671	179508	189343	2
69.50		149999	159836	169671	179508	189343	2
69.85	2.3/4	149999	159836	169671	179508	189343	2
70.00		149999	159836	169671	179508	189343	2
70.50		157411	167905	178400	188892	199387	2
70.64	2.25/32	159123	169733	180342	190948	201557	2
71.00		159123	169733	180342	190948	201557	2
71.44	2.13/16	159123	169733	180342	190948	201557	2
71.50		159123	169733	180342	190948	201557	2
72.00		162199	173011	183824	194638	205453	2
72.23	2.27/32	162199	173011	183824	194638	205453	2
72.50		162199	173011	183824	194638	205453	2
73.00		162199	173011	183824	194638	205453	2
73.02	2.7/8	162199	173011	183824	194638	205453	2
73.50		167969	179355	190743	202133	213519	2
73.82	2.29/32	169747	181252	192762	204269	215779	2
74.00		169747	181252	192762	204269	215779	2
74.45		169747	181252	192762	204269	215779	2
74.61	2.15/16	169747	181252	192762	204269	215779	2
75.00		171858	183509	195160	206812	218463	2
75.41	2.31/32	171858	183509	195160	206812	218463	2
75.50		171858	183509	195160	206812	218463	2
76.00		171858	183509	195160	206812	218463	2
76.20	3	171858	183509	195160	206812	218463	2
76.99	3.1/32	—	—	—	215184	231124	2
77.00		—	—	—	215184	231124	2
77.79	3.1/16	—	—	—	215184	231124	2
78.00		—	—	—	215184	231124	2
78.58	3.3/32	—	—	—	219475	235732	2
79.00		—	—	—	219475	235732	2
79.37	3.1/8	—	—	—	225303	241991	2
80.00		—	—	—	225303	241991	2
80.17	3.5/32	—	—	—	240981	258830	2
80.96	3.3/16	—	—	—	240981	258830	2
81.00		—	—	—	240981	258830	2
81.76	3.7/32	—	—	—	247243	265559	2
82.00		—	—	—	247243	265559	2
82.55	3.1/4	—	—	—	247243	265559	2
83.00		—	—	—	252352	271043	2
83.34	3.9/32	—	—	—	252352	271043	2
84.00		—	—	—	252352	271043	2
84.14	3.5/16	—	—	—	256548	275551	2
84.93	3.11/32	—	—	—	256548	275551	2
85.00		—	—	—	256548	275551	2
85.72	3.3/8	—	—	—	292629	314306	2
86.00		—	—	—	292629	314306	2
86.52	3.13/32	—	—	—	292629	314306	2
87.00		—	—	—	292629	314306	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		192832	204175	215518	226862	238206	249547	260891	272235	2
68.00		192832	204175	215518	226862	238206	249547	260891	272235	2
68.26	2.11/16	192832	204175	215518	226862	238206	249547	260891	272235	2
68.50		197133	206870	216602	227776	238362	255543	265278	275013	2
69.00		199180	209017	218852	228687	238523	258196	268030	277867	2
69.05	2.23/32	199180	209017	218852	228687	238523	258196	268030	277867	2
69.50		199180	209017	218852	228687	238523	258196	268030	277867	2
69.85	2.3/4	199180	209017	218852	228687	238523	258196	268030	277867	2
70.00		199180	209017	218852	228687	238523	258196	268030	277867	2
70.50		209882	220376	230869	241365	251858	262353	272846	283339	2
70.64	2.25/32	212163	222775	233383	243989	254597	265206	275814	286421	2
71.00		212163	222775	233383	243989	254597	265206	275814	286421	2
71.44	2.13/16	212163	222775	233383	243989	254597	265206	275814	286421	2
71.50		212163	222775	233383	243989	254597	265206	275814	286421	2
72.00		216266	227080	237892	248705	259519	270332	281145	291960	2
72.23	2.27/32	216266	227080	237892	248705	259519	270332	281145	291960	2
72.50		216266	227080	237892	248705	259519	270332	281145	291960	2
73.00		216266	227080	237892	248705	259519	270332	281145	291960	2
73.02	2.7/8	216266	227080	237892	248705	259519	270332	281145	291960	2
73.50		224908	236294	247684	259069	270457	281847	293233	304622	2
73.82	2.29/32	227286	238794	250302	261809	273319	284827	296336	307843	2
74.00		227286	238794	250302	261809	273319	284827	296336	307843	2
74.50		227286	238794	250302	261809	273319	284827	296336	307843	2
74.61	2.15/16	227286	238794	250302	261809	273319	284827	296336	307843	2
75.00		230115	241766	253419	265070	276721	288372	300022	311673	2
75.41	2.31/32	230115	241766	253419	265070	276721	288372	300022	311673	2
75.50		230115	241766	253419	265070	276721	288372	300022	311673	2
76.00		230115	241766	253419	265070	276721	288372	300022	311673	2
76.2	3	230115	241766	253419	265070	276721	288372	300022	311673	2
76.99	3.1/32	247064	263003	278942	294881	310821	326762	342701	358640	2
77.00		247064	263003	278942	294881	310821	326762	342701	358640	2
77.79	3.1/16	247064	263003	278942	294881	310821	326762	342701	358640	2
78.00		247064	263003	278942	294881	310821	326762	342701	358640	2
78.58	3.3/32	251989	268246	284507	300765	317021	333278	349534	365793	2
79.00		251989	268246	284507	300765	317021	333278	349534	365793	2
79.37	3.1/8	258679	275369	292059	308747	325435	342123	358816	375503	2
80.00		258679	275369	292059	308747	325435	342123	358816	375503	2
80.17	3.5/32	276679	294531	312380	330232	348082	365931	383781	401631	2
80.96	3.3/16	276679	294531	312380	330232	348082	365931	383781	401631	2
81.00		276679	294531	312380	330232	348082	365931	383781	401631	2
81.76	3.7/32	283872	302188	320501	338815	357130	375446	393758	412075	2
82.00		283872	302188	320501	338815	357130	375446	393758	412075	2
82.55	3.1/4	283872	302188	320501	338815	357130	375446	393758	412075	2
83.00		289736	308429	327122	345814	364508	383200	401892	420585	2
83.34	3.9/32	289736	308429	327122	345814	364508	383200	401892	420585	2
84.00		289736	308429	327122	345814	364508	383200	401892	420585	2
84.14	3.5/16	294555	313560	332561	351566	370566	389570	408575	427576	2
84.93	3.11/32	294555	313560	332561	351566	370566	389570	408575	427576	2
85.00		294555	313560	332561	351566	370566	389570	408575	427576	2
85.72	3.3/8	335984	357659	379335	401012	422687	444363	466039	487716	2
86.00		335984	357659	379335	401012	422687	444363	466039	487716	2
86.52	3.13/32	335984	357659	379335	401012	422687	444363	466039	487716	2
87.00		335984	357659	379335	401012	422687	444363	466039	487716	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		283578	294919	306262	317607	328947	340292	351636	362978	374323	2
68.00		283578	294919	306262	317607	328947	340292	351636	362978	374323	2
68.26	2.11/16	283578	294919	306262	317607	328947	340292	351636	362978	374323	2
68.50		284750	296229	306819	318820	334640	340724	352894	365064	375749	2
69.00		287704	297540	307378	322129	336633	344262	356557	367135	378185	2
69.05	2.23/32	287704	297540	307378	322129	336633	344262	356557	367135	378185	2
69.50		287704	297540	307378	322129	336633	344262	356557	367135	378185	2
69.85	2.3/4	287704	297540	307378	322129	336633	344262	356557	367135	378185	2
70.00		287704	297540	307378	322129	336633	344262	356557	367135	378185	2
70.50		293835	304329	314821	325317	338790	346305	356799	367292	379005	2
70.64	2.25/32	297031	307639	318248	328855	339465	350072	360680	371289	381898	2
71.00		297031	307639	318248	328855	339465	350072	360680	371289	381898	2
71.44	2.13/16	297031	307639	318248	328855	339465	350072	360680	371289	381898	2
71.50		297031	307639	318248	328855	339465	350072	360680	371289	381898	2
72.00		302773	313586	324399	335211	346024	356837	367651	378464	389277	2
72.23	2.27/32	302773	313586	324399	335211	346024	356837	367651	378464	389277	2
72.50		302773	313586	324399	335211	346024	356837	367651	378464	389277	2
73.00		302773	313586	324399	335211	346024	356837	367651	378464	389277	2
73.02	2.7/8	302773	313586	324399	335211	346024	356837	367651	378464	389277	2
73.50		316008	327396	338784	350172	361559	372947	384335	395723	407109	2
73.82	2.29/32	319350	330861	342369	353876	365383	376893	388399	399909	411417	2
74.00		319350	330861	342369	353876	365383	376893	388399	399909	411417	2
74.50		319350	330861	342369	353876	365383	376893	388399	399909	411417	2
74.61	2.15/16	319350	330861	342369	353876	365383	376893	388399	399909	411417	2
75.00		323324	334975	346628	358278	369930	381581	393233	404883	416537	2
75.41	2.31/32	323324	334975	346628	358278	369930	381581	393233	404883	416537	2
75.50		323324	334975	346628	358278	369930	381581	393233	404883	416537	2
76.00		323324	334975	346628	358278	369930	381581	393233	404883	416537	2
76.2	3	323324	334975	346628	358278	369930	381581	393233	404883	416537	2
76.99	3.1/32	374581	390519	406458	422399	438339	454277	470216	—	—	2
77.00		374581	390519	406458	422399	438339	454277	470216	—	—	2
77.79	3.1/16	374581	390519	406458	422399	438339	454277	470216	—	—	2
78.00		374581	390519	406458	422399	438339	454277	470216	—	—	2
78.58	3.3/32	382050	398306	414566	430822	447081	463338	479595	—	—	2
79.00		382050	398306	414566	430822	447081	463338	479595	—	—	2
79.37	3.1/8	392191	408883	425570	442260	458950	475638	492327	—	—	2
80.00		392191	408883	425570	442260	458950	475638	492327	—	—	2
80.17	3.5/32	419483	437332	455185	473036	490884	508735	526585	—	—	2
80.96	3.3/16	419483	437332	455185	473036	490884	508735	526585	—	—	2
81.00		419483	437332	455185	473036	490884	508735	526585	—	—	2
81.76	3.7/32	430388	448702	467017	485333	503644	521960	540273	—	—	2
82.00		430388	448702	467017	485333	503644	521960	540273	—	—	2
82.55	3.1/4	430388	448702	467017	485333	503644	521960	540273	—	—	2
83.00		439278	457972	476663	495356	514048	532741	551433	—	—	2
83.34	3.9/32	439278	457972	476663	495356	514048	532741	551433	—	—	2
84.00		439278	457972	476663	495356	514048	532741	551433	—	—	2
84.14	3.5/16	446581	465585	484588	503592	522595	541598	560602	—	—	2
84.93	3.11/32	446581	465585	484588	503592	522595	541598	560602	—	—	2
85.00		446581	465585	484588	503592	522595	541598	560602	—	—	2
85.72	3.3/8	509393	531068	552747	574423	596098	617775	639451	—	—	2
86.00		509393	531068	552747	574423	596098	617775	639451	—	—	2
86.52	3.13/32	509393	531068	552747	574423	596098	617775	639451	—	—	2
87.00		509393	531068	552747	574423	596098	617775	639451	—	—	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	—	—	—	—	—	—	298749	320879	2
88.00		—	—	—	—	—	—	298749	320879	2
88.11	3.15/32	—	—	—	—	—	—	298749	320879	2
88.90	3.1/2	—	—	—	—	—	—	298749	320879	2
89.00		—	—	—	—	—	—	298749	320879	2
90.00		—	—	—	—	—	—	304840	327421	2
90.49	3.9/16	—	—	—	—	—	—	316210	339632	2
91.00		—	—	—	—	—	—	316210	339632	2
92.00		—	—	—	—	—	—	316210	339632	2
92.07	3.5/8	—	—	—	—	—	—	326537	350722	2
93.00		—	—	—	—	—	—	326537	350722	2
93.66	3.11/16	—	—	—	—	—	—	338887	363988	2
94.00		—	—	—	—	—	—	338887	363988	2
95.00		—	—	—	—	—	—	338887	363988	2
95.25	3.3/4	—	—	—	—	—	—	338887	363988	2
96.00		—	—	—	—	—	—	350231	376174	2
96.84	3.13/16	—	—	—	—	—	—	350231	376174	2
97.00		—	—	—	—	—	—	350231	376174	2
98.00		—	—	—	—	—	—	356426	382827	2
98.42	3.7/8	—	—	—	—	—	—	361515	388293	2
99.00		—	—	—	—	—	—	361515	388293	2
100.00		—	—	—	—	—	—	361515	388293	2
100.01	3.15/16	—	—	—	—	—	—	367708	394943	2
101.00		—	—	—	—	—	—	367708	394943	2
101.6	4	—	—	—	—	—	—	367708	394943	2
102.00		—	—	—	—	—	—	367708	394943	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	343008	365138	387266	409395	431526	453654	475783	497915	2	
88.00		343008	365138	387266	409395	431526	453654	475783	497915	2	
88.11	3.15/32	343008	365138	387266	409395	431526	453654	475783	497915	2	
	3.1/2	343008	365138	387266	409395	431526	453654	475783	497915	2	
89.00		343008	365138	387266	409395	431526	453654	475783	497915	2	
90.00		350003	372584	395163	417744	440327	462907	485486	508068	2	
90.49	3.9/16	363056	386478	409904	433326	456750	480172	503596	527018	2	
91.00		363056	386478	409904	433326	456750	480172	503596	527018	2	
92.00		363056	386478	409904	433326	456750	480172	503596	527018	2	
92.07	3.5/8	374911	399098	423285	447473	471662	495850	520036	544226	2	
93.00		374911	399098	423285	447473	471662	495850	520036	544226	2	
93.66	3.11/16	389092	414192	439296	464399	489500	514604	539705	564810	2	
94.00		389092	414192	439296	464399	489500	514604	539705	564810	2	
95.00		389092	414192	439296	464399	489500	514604	539705	564810	2	
95.25	3.3/4	389092	414192	439296	464399	489500	514604	539705	564810	2	
96.00		402119	428060	454003	479947	505890	531831	557777	583721	2	
96.84	3.13/16	402119	428060	454003	479947	505890	531831	557777	583721	2	
97.00		402119	428060	454003	479947	505890	531831	557777	583721	2	
98.00		409230	435630	462033	488435	514836	541240	567640	594042	2	
98.42	3.7/8	415070	441849	468629	495408	522185	548965	575743	602522	2	
99.00		415070	441849	468629	495408	522185	548965	575743	602522	2	
100.00		415070	441849	468629	495408	522185	548965	575743	602522	2	
100.01	3.15/16	422182	449417	476657	503895	531130	558370	585605	612843	2	
101.00		422182	449417	476657	503895	531130	558370	585605	612843	2	
101.6	4	422182	449417	476657	503895	531130	558370	585605	612843	2	
102.00		422182	449417	476657	503895	531130	558370	585605	612843	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	520044	542172	564302	586431	608561	630691	652819	2
88.00		520044	542172	564302	586431	608561	630691	652819	2
88.11	3.15/32	520044	542172	564302	586431	608561	630691	652819	2
88.9	3.1/2	520044	542172	564302	586431	608561	630691	652819	2
89.00		520045	542174	564304	586432	608565	630692	652821	2
90.00		530648	553230	575811	598390	620972	643551	666134	2
90.49	3.9/16	550440	573864	597288	620712	644134	667557	690980	2
91.00		550440	573864	597288	620712	644134	667557	690980	2
92.00		550440	573864	597288	620712	644134	667557	690980	2
92.07	3.5/8	568413	592601	616789	640976	665163	689352	713540	2
93.00		568413	592601	616789	640976	665163	689352	713540	2
93.66	3.11/16	589912	615015	640116	665218	690322	715425	740527	2
94.00		589912	615015	640116	665218	690322	715425	740527	2
95.00		589912	615015	640116	665218	690322	715425	740527	2
95.25	3.3/4	589912	615015	640116	665218	690322	715425	740527	2
96.00		609661	635604	661549	687491	713434	739378	765320	2
96.84	3.13/16	609661	635604	661549	687491	713434	739378	765320	2
97.00		609661	635604	661549	687491	713434	739378	765320	2
98.00		620445	646845	673249	699652	726052	752453	778855	2
98.42	3.7/8	629301	656079	682858	709638	736416	763194	789974	2
99.00		629301	656079	682858	709638	736416	763194	789974	2
100.00		629301	656079	682858	709638	736416	763194	789974	2
100.01	3.15/16	640080	667319	694556	721793	749031	776269	803505	2
101.00		640080	667319	694556	721793	749031	776269	803505	2
101.6	4	640080	667319	694556	721793	749031	776269	803505	2
102.00		640080	667319	694556	721793	749031	776269	803505	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	4673	5	1.11/16	8697	5	2.3/4	21714	3
1.1/16	4932	5	1.3/4	8895	5	2.7/8	24129	3
1.1/8	5227	5	1.13/16	9244	5	3	26503	3
1.3/16	5546	5	1.7/8	9526	5	3.1/8	29716	3
1.1/4	5793	5	1.15/16	9984	5	3.1/4	32283	3
1.5/16	6073	5	2	10323	5	3.3/8	34721	3
1.3/8	6418	5	2.1/8	11410	5	3.1/2	51941	3
1.7/16	6701	5	2.1/4	12488	5	3.5/8	44045	3
1.1/2	6943	5	2.3/8	13973	5	3.3/4	46076	3
1.9/16	7341	5	2.1/2	16991	5	3.7/8	53336	3
1.5/8	7662	5	2.5/8	19741	3	4	58941	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	296 **	50	345	430	300
1.25	3.15	296 **	50	345	430	300
1.6	4	296 *	50	345	436	300
2	5	296 *	50	345	447	300
2.5	6.3	342 *	50	396	524	300
3.15	8	530 *	50	615	786	300
4	10	650 *	50	754	916	300
5	12.5	1102 *	50	1275	1556	300
6.3	16	1301 *	50	1511	1846	300
8	20	2009 *	50	2370	2753	300
10	25	2587 **	50	3211	4050	300

TYPE - B IS 6709-1977

1.6	6.3	605 **	50	703	828	300
2	8	855 *	50	995	1165	300
2.5	10	1092 *	50	1268	1500	300
3.15	11.2	1452 *	50	1687	1967	300
4	14	1804 *	50	2147	2451	200
5	18	2783 *	50	3367	3748	200
6.3	20	3278 *	50	3803	4184	200
8	25	4239 *	50	5131	5973	200

TYPE - R IS 6710-1977

1	3.15	296	50	345	430	300
1.25	3.15	296	50	345	430	300
1.6	4	296	50	345	436	300
2	5	296 **	50	345	447	300
2.5	6.3	342 **	50	396	524	300
3.15	8	530 **	50	615	786	300
4	10	650 **	50	755	989	300
5	12.5	1102	50	1275	1556	300
6.3	16	1301	50	1511	1846	300
8	20	2009	50	2370	2753	300
10	25	2587	50	3211	4050	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	296 **	50	345	430	300
BS 2	1/16	3/16	296 *	50	345	436	300
BS 3	3/32	1/4	342 *	50	396	524	300
BS 4	1/8	5/16	530 *	50	615	786	300
BS 5	3/16	7/16	691 *	50	801	1081	300
BS 6	1/4	5/8	1301 *	50	1511	1846	300
BS 7	5/16	3/4	2009 *	50	2392	2773	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		1802	35	(26.99)	1.1/16	10964	35	51.00		53948	5
(7.14)	9/32	1802	35	27.00		10964	35	52.00		59413	5
7.50		1924	35	(27.78)	1.3/32	11381	35	(52.39)	2.1/16	59413	5
(7.94)	5/16	1917	35	28.00		12058	35	53.00		69405	5
8.00		1924	35	(28.57)	1.1/8	12060	35	(53.97)	2.1/8	69405	5
8.50		1961	35	29.00		12622	35	54.00		69405	5
(8.73)	11/32	1924	35	(29.37)	1.5/32	12622	35	55.00		72747	5
9.00		1969	35	30.00		13407	35	(55.56)	2.3/16	72747	5
(9.52)	3/8	2115	35	(30.16)	1.3/16	13407	35	56.00		75829	5
10.00		2115	35	(30.96)	1.7/32	13915	35	57.00		75829	5
(10.32)	13/32	2115	35	31.00		15645	35	(57.15)	2.1/4	75829	5
11.00		2118	35	(31.75)	1.1/4	16333	35	58.00		82866	5
(11.11)	7/16	2118	35	32.00		17899	20	(58.74)	2.5/16	82866	5
(11.91)	15/32	2265	35	(32.54)	1.9/32	17899	20	59.00		84399	5
12.00		2265	35	33.00		18275	20	60.00		84399	5
(12.70)	1/2	2393	35	(33.34)	1.5/16	18275	20	(60.32)	2.3/8	84399	5
13.00		3237	35	34.00		20045	20	61.00		89942	5
(13.49)	17/32	3544	35	(34.13)	1.11/32	20045	20	(61.91)	2.7/16	89942	5
14.00		3544	35	(34.92)	1.3/8	21167	20	62.00		89942	5
(14.29)	9/16	3646	35	35.00		21167	20	63.00		92532	5
15.00		3803	35	(35.72)	1.13/32	22767	20	(63.50)	2.1/2	92532	5
(15.08)	19/32	3803	35	36.00		22767	20	64.00		101030	5
15.87	5/8	3892	35	(36.51)	1.7/16	24017	20	65.00		101030	3
16.00		3892	35	37.00		24017	20	(65.09)	2.9/16	101030	3
(16.67)	21/32	4101	35	(37.31)	1.15/32	24699	20	66.00		105929	3
17.00		4101	35	38.00		26428	20	(66.67)	2.5/8	105929	3
(17.46)	11/16	4429	35	(38.10)	1.1/2	26428	20	67.00		110349	3
18.00		4762	35	39.00		28979	20	68.00		115710	3
(18.26)	23/32	4762	35	(39.69)	1.9/16	28979	20	(68.26)	2.11/16	115710	3
19.00		5443	35	40.00		28979	20	69.00		121362	3
(19.05)	3/4	5443	35	41.00		31939	20	(69.85)	2.3/4	123637	3
(19.84)	25/32	5464	35	(41.27)	1.5/8	31939	20	70.00		123637	3
20.00		5464	35	42.00		32885	20	71.00		126082	3
(20.64)	13/16	5847	35	(42.86)	1.11/16	33944	20	(71.44)	2.13/16	126082	3
21.00		5847	35	43.00		33944	20	72.00		131847	3
(21.43)	27/32	6179	35	44.00		35878	20	73.00		136734	3
22.00		6179 **	35	(44.45)	1.3/4	35878	20	(73.02)	2.7/8	136734	3
(22.22)	7/8	6556	35	45.00		37147	20	74.00		141906	3
23.00		6943	35	46.00		38523	10	(74.61)	2.15/16	141906	3
(23.02)	29/32	6943	35	(46.04)	1.13/16	38523	10	75.00		147134	3
(23.81)	15/16	7577	35	47.00		40029	10	76.00		154200	3
24.00		7953	35	(47.62)	1.7/8	42095	10	(76.20)	3	154200	3
(24.61)	31/32	7953	35	48.00		42095	10				
25.00		9204	35	49.00		44949	10				
(25.40)	1	9204	35	(49.21)	1.15/16	44949	10				
26.00		9931	35	50.00		48370	10				
(26.19)	1.1/32	9931	35	(50.80)	2	53484	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.





Rreamers

**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	3498	25	25	14260	20
8	3624	25	26	16027	20
10	4245	25	27	16027	20
12	4802	25	28	17478	20
13	6044	25	30	18165	20
14	6044	25	32	21088	20
15	6343	25	34	28503	10
16	6343	25	35	28503	10
18	8237	25	36	30450	10
20	8984	20	38	32558	10
22	10269	20	40	37530	10
24	13224	20	42	41804	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	3498	25	24.7	14260	20
7.9	3624	25	25.7	16028	20
9.9	4245	25	26.7	16028	20
11.8	4802	25	27.7	17478	20
12.8	6044	25	29.7	18165	20
13.8	6044	25	31.7	21088	20
14.8	6343	25	33.7	28503	10
15.8	6343	25	34.7	28503	10
17.8	8239	25	35.7	30450	10
19.8	8984	20	37.7	32558	10
21.7	10269	20	39.7	37530	10
23.7	13224	20	41.6	41804	10

For more details please refer our Product Catalogue Page 179.



HSS HAND REAMERS HSS MACHINE REAMERS WITH TAPER SHANK HSS CHUCKING REAMERS WITH PARALLEL SHANK HSS CHUCKING REAMERS WITH TAPER SHANK							IS 5444-1978 IS 5445-1978 IS 5446-1978 IS 5447-1978	Inch Sizes BS 328 (PART 4) 1983	
Dia		Price Per Piece (Rs.)						MOQ (No.)	
mm	Inch	Reamers		Reamers		Chucking Reamers			
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank		
3.00		1644 **	1644 **	1644	1644	1644	1644	25	
(3.17)	1/8	1644	1644 *	1644	1644	1644	1644	25	
(3.97)	5/32	1644	1644	1644	1644	1644	1644	25	
4.00		1644 **	1644 **	1644	1644	1644	1644	25	
(4.76)	3/16	1644	1644	1644	1644	1644	1644	25	
5.00		1644 *	1644 **	1644	1644	1644	1644	25	
(5.56)	7/32	1644	1644	1644	1644	1644	1644	25	
6.00		1913 *	1913 *	1913	1913	1913	1913	25	
(6.35)	1/4	1913 **	1913 **	1913	1913	1913	1913	25	
7.00		1918 **	1918 **	1918	1918	1918	1918	25	
(7.14)	9/32	1918	1918	1918	1918	1918	1918	25	
(7.94)	5/16	2173 **	2173	2173	2173	2173	2173	25	
8.00		2173 **	2173 **	2173	2173	2173 **	2173	25	
(8.73)	11/32	2265	2265	2265	2265	2265	2265	25	
9.00		2265 **	2265 **	2265	2265	2265	2265	25	
(9.52)	3/8	2471 **	2471 **	2471	2471	2471	2471	25	
10.00		2736 *	2736 *	2736	2736	2736	2736	25	
(10.32)	13/32	2736	2736	2736	2736	2736	2736	25	
11.00		3074 **	3074 **	3074	3074	3074	3074	25	
11.11	7/16	3074	3074 **	3074	3074	3074	3074	25	
(11.91)	15/32	3195	3195	3195	3195	3195	3195	25	
12.00		3195 *	3195 *	3195	3195	3195	3195	25	
(12.70)	1/2	3318 **	3318 **	3318	3318	3318	3318	25	
13.00		4036 **	4036 **	4036	4036	4036	4036	20	
(13.49)	17/32	4036	4036	4036	4036	4036	4036	20	
14.00		4036 **	4036 **	4036	4036	4036	4036	20	
(14.29)	9/16	4036	4036	4036	4036	4036	4036	20	
15.00		4061 **	4061 **	4061	4061	4061	4061	20	
(15.08)	19/32	4061	4061	4061	4061	4061	4061	20	
(15.87)	5/8	4061	4061	4061	4061	4061	4061	20	
16.00		4061 **	4061 *	4061	4061	4061	4061	20	
(16.67)	21/32	4676	4676	4676	4676	—	4676	20	
17.00		4676 **	4676 **	4676	4676	—	4676	20	
(17.46)	11/16	4676	4676	4676	4676	—	4676	20	
18.00		5005	5005 *	5005	5005	—	5005	20	
(18.26)	23/32	5321	5321	5321	5321	—	5321	20	
19.00		5321	5321 **	5321	5321	—	5321	15	
(19.05)	3/4	5321	5321 **	5321	5321	—	5321	15	
20.00		5933 **	5933 *	5933	5933	—	5933	15	
(20.64)	13/16	6044	6044	6044	6044	—	6044	15	
21.00		6715	6715 *	6715	6715	—	6715	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		6715 **	6715 *	6715	6715	—	6715	15	
(22.22)	7/8	6715	6715 *	6715	6715	—	6715	15	
23.00		7837	7837 *	7837	7837	—	7837	15	
(23.81)	15/16	8683	8683	8683	8683	—	8683	15	
24.00		8683 **	8683 *	8683	8683	—	8683	15	
25.00		8701 **	8701 **	8701	8701	—	8701	15	
(25.40)	1	8858	8858 **	8858	8858	—	8858	15	
26.00		10754	10754 **	10754	10754	—	10754	10	
(26.99)	1.1/16	12298	12298	12298	12298	—	12298	10	
27.00		12298	12298 **	12298	12298	—	12298	10	
28.00		12298	12298 **	12298	12298	—	12298	10	
(28.57)	1.1/8	12298	12298	12298	12298	—	12298	10	
29.00		13045	13045	13045	13045	—	13045	10	
30.00		14075	14075	14075	14075	—	14075	10	
(30.16)	1.3/16	14075	14075	14075	14075	—	14075	10	
31.00		15547	15547	15547	15547	—	15547	5	
(31.75)	1.1/4	15547	15547	15547	15547	—	15547	5	
32.00		15547	15547 **	15547	15547	—	15547	5	
33.00		17654	17654 **	17654	17654	—	17654	5	
(33.34)	1.5/16	17654	17654	17654	17654	—	17654	5	
34.00		19834	19834 **	19834	19834	—	19834	5	
(34.92)	1.3/8	21702	21702	21702	21702	—	21702	5	
35.00		21702	21702 **	21702	21702	—	21702	5	
36.00		21702	21702	21702	21702	—	21702	5	
(36.51)	1.7/16	21860	21860	21860	21860	—	21860	5	
37.00		23821	23821	23821	23821	—	23821	5	
38.00		23821	23821 **	23821	23821	—	23821	5	
(38.10)	1.1/2	23821	23821	23821	23821	—	23821	5	
39.00		26327	26327	26327	26327	—	26327	5	
(39.69)	1.9/16	28774	28774	28774	28774	—	28774	5	
40.00		28774	28774 **	28774	28774	—	28774	5	
41.00		29019	29019	29019	29019	—	29019	3	
(41.27)	1.5/8	29019	29019	29019	29019	—	29019	3	
42.00		34200	34200	34200	34200	—	34200	3	
42.86	1.11/16	34200	34200	34200	34200	—	34200	3	
43.00		34200	34200	34200	34200	—	34200	3	
44.00		34200	34200	34200	34200	—	34200	3	
(44.45)	1.3/4	34200	34200	34200	34200	—	34200	3	
45.00		40076	40076 **	40076	40076	—	40076	3	
46.00		40076	40076	40076	40076	—	40076	3	
47.00		43271	43271	43271	43271	—	43271	3	
(47.62)	1.7/8	46476	46476	46476	46476	—	46476	3	
48.00		46476	46476	46476	46476	—	46476	3	
49.00		46476	46476	46476	46476	—	46476	3	
(49.21)	1.15/16	46476	46476	46476	46476	—	46476	3	

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



HSS HAND REAMERS							IS 5444-1978	Inch Sizes BS 328 (PART 4) 1983
HSS MACHINE REAMERS WITH TAPER SHANK							IS 5445-1978	
HSS CHUCKING REAMERS WITH PARALLEL SHANK							IS 5446-1978	
HSS CHUCKING REAMERS WITH TAPER SHANK							IS 5447-1978	
Dia		Price Per Piece (Rs.)						
		Reamers		Reamers		Chucking Reamers		MOQ (No.)
mm	Inch	Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
50.00		46476	46476	46476	46476	—	46476	3
(50.80)	2	46476	46476	46476	46476	—	46476	3
51.00		46476	46476	46476	46476	—	46476	3
52.00		55399	55399	55399	55399	—	55399	3
(52.39)	2.1/16	55399	55399	55399	55399	—	—	3
53.00		55399	55399	55399	55399	—	—	3
(53.97)	2.1/8	55399	55399	55399	55399	—	—	3
54.00		55399	55399	55399	55399	—	—	3
55.00		64328	64328	64328	64328	—	—	3
(55.56)	2.3/16	64328	64328	64328	64328	—	—	3
56.00		64328	64328	64328	64328	—	—	3
57.00		64328	64328	64328	64328	—	—	3
(57.15)	2.1/4	64328	64328	64328	64328	—	—	3
58.00		68828	68828	68828	68828	—	—	3
(58.74)	2.5/16	68828	68828	68828	68828	—	—	3
59.00		68828	68828	68828	68828	—	—	3
60.00		81661	81661	81661	81661	—	—	3
(60.32)	2.3/8	81661	81661	81661	81661	—	—	3
61.00		81661	81661	81661	81661	—	—	3
(61.91)	2'7/16	81661	81661	81661	81661	—	—	3
62.00		81661	81661	81661	81661	—	—	3
63.00		81661	81661	81661	81661	—	—	3
(63.50)	2.1/2	81661	81661	81661	81661	—	—	3
64.00		81661	81661	81661	81661	—	—	2
65.00		—	98593	—	98593	—	—	2
(65.09)	2.9/16	98593	98593	98593	98593	—	—	2
66.00		—	101921	—	101921	—	—	2
(66.67)	2.5/8	101921	101921	101921	101921	—	—	2
67.00		—	101921	—	101921	—	—	2
68.00		—	109261	—	109261	—	—	2
(68.26)	2.11/16	109261	109261	109261	109261	—	—	2
69.00		—	109261	—	109261	—	—	2
(69.85)	2.3/4	109261	109261	109261	109261	—	—	2
70.00		—	109261	—	109261	—	—	2
71.00		—	109261	—	109261	—	—	2
(71.44)	2.13/16	114797	114797	114797	114797	—	—	2
72.00		—	133478	—	133478	—	—	2
73.00		—	133478	—	133478	—	—	2
(73.02)	2.7/8	133478	133478	133478	133478	—	—	2
74.00		—	133478	—	133478	—	—	2
(74.61)	2.15/16	133478	133478	133478	133478	—	—	2
75.00		—	140162	—	140162	—	—	2
76.00		—	140162	—	140162	—	—	2
(76.20)	3	140162	140162	140162	140162	—	—	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	3146	30	5/16 x 125 x 200	3146	30
8 x 175 x 250	3361	30	5/16 x 175 x 250	3361	30
8 x 200 x 300	3687	30	5/16 x 200 x 300	3687	30
8 x 225 x 300	4625	30	3/8 x 125 x 200	3951	30
9 x 125 x 200	3068	30	3/8 x 175 x 250	4215	30
9 x 175 x 250	3533	30	3/8 x 200 x 300	4473	30
10 x 125 x 200	3951	30	7/16 x 160 x 250	4682	30
10 x 175 x 250	4215	30	7/16 x 200 x 300	4934	30
10 x 200 x 300	4473	30	1/2 x 175 x 200	5278	30
10 x 300 x 400	4780	30	1/2 x 200 x 300	5335	30
12 x 160 x 250	4682 **	30	9/16 x 200 x 300	6272	30
12 x 200 x 300	4934	30	9/16 x 250 x 350	6647	30
13 x 200 x 300	5642	30	5/8 x 200 x 300	6272	30
14 x 160 x 250	5258	30	5/8 x 250 x 350	6712	30
14 x 200 x 300	6176	30	5/8 x 300 x 400	7016	30
15 x 200 x 300	6272	30	11/16 x 200 x 300	7785	30
15 x 300 x 400	7016	30	3/4 x 200 x 300	8262	30
16 x 200 x 300	5973	30	3/4 x 300 x 400	8793	30
16 x 300 x 400	7016	30	13/16 x 200 x 300	10411	30
17 x 200 x 300	7075	30	7/8 x 200 x 300	12334	20
18 x 200 x 300	7778	30	7/8 x 300 x 400	12599	20
19 x 200 x 300	8262	30	1 x 275 x 400	15182	20
20 x 200 x 300	9166	30	1 x 200 x 315	13518	20
20 x 300 x 400	10358	30	1-1/8 x 275 x 400	23065	20
22 x 200 x 300	10411	20	-	-	-
25 x 200 x 315	13518	20	-	-	-
25 x 275 x 400	15191	20	-	-	-
26 x 275 x 400	18773	20	-	-	-
28 x 175 x 400	21564	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	2674	20	29	15787	5
7	2846	20	30	15787	5
8	2846	20	31	18275	5
9	3081	20	32	18275	5
10	3514	20	33	21463	5
11	3514	20	34	24715	5
12	4027	20	35	24715	5
13	4783	20	36	26517	5
14	4783	20	37	28349	5
15	5260	20	38	28349	5
16	5260	15	39	28349	5
17	6073	15	40	32587	5
18	6801	15	41	32587	5
19	6801	15	42	36407	3
20	7418	15	43	36407	3
21	8557	15	44	40002	3
22	8557	15	45	43440	3
23	8557	15	46	43440	3
24	11018	10	47	47360	3
25	11942	10	48	51504	3
26	13349	10	49	51504	3
27	13349	10	50	57260	3
28	14505	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	2674	20	15/16	10554	15
9/32	2846	20	1	11456	10
5/16	2846	20	1.1/16	12849	10
11/32	2980	20	1.1/8	13968	10
3/8	2980	20	1.3/16	15210	5
13/32	3455	20	1.1/4	17585	5
7/16	3455	20	1.5/16	20603	5
15/32	3732	20	1.3/8	22969	5
1/2	3818	20	1.7/16	25503	5
9/16	4645	20	1.1/2	27277	5
5/8	5005	20	1.5/8	28042	5
11/16	5933	15	1.3/4	37718	3
3/4	6554	15	1.7/8	45466	3
13/16	7185	15	2	55098	3
7/8	8237	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	5417	5	64	22958	3
24, 25	5417	5	65, 66	23178	3
26, 27	5738	5	67	25429	3
28	6159	5	68, 69	25429	3
29	6454	5	70	25429	3
30	6485	5	71	27989	3
31	6745	5	72, 73	28275	3
32	6788	5	74, 75	30729	3
33	7127	5	76	31028	3
34	7416	5	77, 78	34452	3
35	7499	5	79	34807	3
36	7812	5	80	38152	3
37	8114	5	81	38152	3
38	8227	5	82	38152	3
39, 40	8637	5	83	40758	3
41	9020	5	84	40758	3
42, 43	10235	5	85	41154	3
44	10383	5	86	43663	3
45	10829	5	87	43663	3
46	10829	5	88	43663	3
47	11344	5	89	44081	3
48	11570	5	90	51624	3
49	11649	5	91	52137	3
50	12125	5	92	52137	3
51	13304	5	93	53970	3
52,53,54	13429	5	94	53970	3
55, 56	14736	5	95	54502	3
57	14736	5	96	62449	3
58, 59	16520	5	97	62449	3
60	16520	5	98	62922	3
61	19772	5	99, 100	69653	3
62, 63	19960	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	5432	5	2-1/8	13304	5
1-1/16	5738	5	2-1/4	14490	5
1-1/8	6103	5	2-3/8	16165	5
1-3/16	6367	5	2-1/2	19772	5
1-1/4	6745	5	2-5/8	22958	3
1-5/16	7084	5	2-3/4	25180	3
1-3/8	7416	5	2-7/8	28237	3
1-7/16	7747	5	3	30729	3
1-1/2	8086	5	3-1/8	34452	3
1-9/16	8538	5	3-1/4	37822	3
1-5/8	8915	5	3-3/8	40758	3
1-11/16	10136	5	3-1/2	43663	3
1-3/4	10345	5	3-5/8	51657	3
1-13/16	10726	5	3-3/4	53970	3
1-7/8	11087	5	3-7/8	62449	3
1-15/16	11581	5	4	68997	3
2	12000	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	2856	25	23	11394	10
7.4	2856	25	23.5	11394	10
8.4	3345	25	24	12391	10
9.4	3776	25	25	12391	10
10	4178	25	26	13968	10
11	4178	25	27	13968	10
11.5	4880	25	28	15118	10
12	4880	25	29	16320	10
13	5321	15	30	16320	10
13.5	5321	15	31	17976	5
14	5321	15	32	17976	5
15	6176	15	33	19341	5
17	7619	15	34	20750	5
17.5	7619	15	35	20750	5
18	8557	15	36	22142	5
19	8557	15	37	23605	5
20	9404	10	40	37530	3
21	10448	10	43	44419	3
21.5	10448	10	49	60414	3
22	10448	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	2792	25	15/16	11394	10
5/16	3111	25	1	12391	10
3/8	3555	25	1.1/16	13484	10
7/16	4178	25	1.1/8	14486	10
1/2	4514	25	1.3/16	15667	10
9/16	5321	15	1.1/4 MT3	17478	5
5/8	6176	15	1.1/4 MT4	17976	5
11/16 MT2	6213	15	1.5/16	18502	5
11/16 MT3	7619	15	1.3/8	19834	5
3/4	8557	15	1.7/16	21198	5
13/16	9086	10	1.1/2	23605	5
7/8	10448	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	3776	4480	35	4	13908	16568	35
1	4154	4726	35	5	28349	30450	20
2	5784	7016	35	6	50025	69751	5
3	8409	10518	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	3532	3532	20	16	8000	8000	10
4	3532	3532	20	20	12440	12440	10
5	3532 **	3532	20	25	13201	13201	10
6	3532 *	3532	20	30	17762	17762	10
8	4780 **	4780	20	32	19516	19516	10
10	5301 **	5301	20	40	34898	34898	5
12	6399 **	6399	15	50	60481	60481	3
14	7185	7185	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	3290		25	3/8	4587 **	4587	25
5/32	3290	3290	25	13/32	5147	5147	25
11/64	3290	3290	25	7/16	5298	5298	25
3/16	3290	3290	25	1/2	5989	5989	25
7/32	3290	3290	25	9/16	6924	6924	25
1/4	3290 **	3290	25	5/8	7701	7701	25
9/32	3600	3600	25	3/4	9709	9709	20
5/16	3987	3987	25	7/8	11979	11979	20
11/32	4498	4498	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	1748	20	5/8	3370	20
3/8	2009		3/4	4141	20
1/2	2478				

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)	3953	3	80	80	19170	3
	(32)	4941	3		100	22069	3
	(50)	6151	3	100	(40)	15928	2
	(70)	8245	3		(70)	24127	2
50	(25)	5065	3	100	(90)	29895	2
50	40	5998	3		(110)	41995	2
	63	7853	3		125	51158	2
	80	10189	3	125	(50)	35960	2
63	(32)	7211	3		(80)	51009	2
63	50	9093	3	125	(110)	68645	2
	70	11966	3		(125)	76796	2
	(90)	14050	3		140	85416	2
80	(36)	10189	3	160	125	127781	2
	63	16201	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	6445	3	8127	3	9005	3	11386	3	16419	3
2	9542	3	12505	3	15015	3	19931	3	27570	3
3	12695	2	16989	2	20965	2	28460	2	38944	2
4	15815	2	21591	2	26993	2	36272	2	51009	2
5	19070	2	30363	2	39695	2	50360	2	62800	2
6	22317	2	38670	2	47235	2	58874	2	74632	2
7	25463	2	45113	2	54869	2	70188	2	87389	2
8	29815	2	51531	2	62505	2	79946	2	98474	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	17982	3	26403	3	44034	3	5	44224	2	65068	2	89743	2
3	22761	2	35320	2	59316	2	6	56077	2	76564	2	105219	2
4	30609	2	44978	2	74651	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	4634	5762	4	150	28		34961	43808	4
	6		4816	5998	4		32		37577	47793	4
	8		4941	6163	4	160	6	40	20627	23035	3
	10		5249	6559	4		8		21921	24492	3
63	6	22	5676	7337	4		10		23222	25941	3
63	8	22	5998 **	8005	4	160	12	40	24498	27355	3
	10		6522 **	8245	4		14		25787	28819	3
	12		6804	8883	4		16		27307	30259	3
	14		7009	9530	4		18		29242	33481	3
	16		7353	10280	4		20		30702	33481	3
63	18	22	7841	10584	4	160	22	40	32512	37113	3
80	6	27	6215	7800	4		25		35091	43035	3
	8		6888	8489	4		28		37577	44809	3
	10		7353	9712	4		32		40900	48856	3
	12		7841	10280	4	200	6	40	26993	29938	3
80	14	27	8339	11028	4	200	8	40	29124	32243	3
	16		8723	11254	4		10		31520	35436	3
	18		9712	12745	4		12		36433	40061	3
	20		10134	13366	4		14		38806	42864	3
100	6	32	8883	10773	4		16		41204	45714	3
100	8	32	9495	11529	4	200	18	40	45985	51835	3
	10		10497	12357	4		20		46484	53417	3
	12		11254 **	13736	4		22		50759	58102	3
	14		11921	14050	4		25		55537	63805	3
	16		12745	15158	4		28		58471	67767	3
100	18	32	13592	15583	4	200	32	40	64991	75954	3
	20		14636	16455	4	225	6		34769	37708	3
	22		15323	18815	4		8		37954	41509	3
	25		16649	20513	4		10		41315	44713	3
125	6	32	12454	15451	4		12		48095	52487	3
125	8	32	13366	16649	4	225	14		51558	56750	3
	10		14321	19372	4		16		55082	60965	3
	12		16322	20112	4		18		62137	70653	3
	14		17682	21487	4		20		62137	70653	3
	16		18429	22317	4		22		68596	78236	3
125	18	32	19765	25454	4	225	25		75119	85567	3
	20		20467	27461	4		28		81792	92485	3
	22		22601	29841	4		32		88456	99366	3
	25		24715	31031	4	250	6		39903	43717	3
	28		27829	35523	4		8		43974	47543	3
150	6		15158	19491	4	250	10		47769	51318	3
	8		16488	21086	4		12		55875	61189	3
	10		17889	22721	4		14		60489	65932	3
	12		20719	26172	4		16		64946	70653	3
	14		22160	27829	4		18		73414	81735	3
150	16		23611	29516	4	250	20		73414	81735	3
	18		26511	32739	4		22		81243	90575	3
	20		26511	32739	4		25		89573	98633	3
	22		29434	36275	4		28		97370	109135	3
	25		32270	39952	4		32		105086	119677	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	5676		4	5	5/16	13366	16649	4
	5/16	5946		4		3/8	14321	19372	4
	3/8	6215		4		7/16	15323	19714	4
	7/16	6495		4		1/2	16322	20112	4
	1/2	6774		4		5/8	18429	22317	4
2.1/2	5/8	7262		4	5	3/4	20467	25463	4
	3/4	7756		4		7/8	22601	29516	4
	7/8	8276		4		1	24715	31031	4
	1	8858		4		1.1/4	28544		4
	1.1/4	9957		4		1.1/2	32473		4
2.1/2	1.1/2	11094		4	6	1/4	15158	19491	3
3	1/4	6291	7899	4		5/16	16488	21086	3
	5/16	6611	8400	4		3/8	17889	22721	3
	3/8	7009	9387	4		7/16	19303	24418	3
	7/16	7337	9542	4		1/2	20719	26172	3
3	1/2	7723	9712	4	6	5/8	23603	29516	3
	5/8	8469	10874	4		3/4	26511 **	32739	3
	3/4	9093	11552	4		7/8	29434	36275	3
	7/8	10119	12596	4		1	32270	39928	3
	1	10936	13592	4		1.1/4	37577	0	3
3	1.1/4	12074		4	6	1.1/2	42864	0	3
	1.1/2	13797		4	7	1/4	22475	25463	3
3.1/2	1/4	7474		4		5/16	24320	29224	3
	5/16	7899		4		3/8	26167	31522	3
	3/8	8400		4		7/16	27917	33100	3
3.1/2	7/16	8898		4	7	1/2	30153	34599	3
	1/2	9334		4		5/8	33760	40579	3
	5/8	10345		4		3/4	37441	45391	3
	3/4	11332		4		7/8	41162	49938	3
	7/8	12217		4		1	44837	54400	3
3.1/2	1	13438		4	7	1.1/4	52168		3
	1.1/4	15202		4		1.1/2	59584		3
	1.1/2	17133		4	8	1/4	26993	29978	3
4	1/4	8858	10773	4		5/16	29124	32243	3
	5/16	9495	11529	4		3/8	31520	35436	3
4	3/8	10134 **	12217	4	8	7/16	33972	37750	3
	7/16	10773	12964	4		1/2	36433	40061	3
	1/2	11254 **	13736	4		5/8	41204	45714	3
	5/8	12745	15158	4		3/4	45985	51993	3
	3/4	14050	17299	4		7/8	50759	58102	3
4	7/8	15323	18815	4	8	1	55537	63789	3
	1	16649	20513	4		1.1/4	64981		3
	1.1/4	18922		4		1.1/2	74424		3
	1.1/2	20844		4	9	1/4	34769	38405	3
5	1/4	12454		4		5/16	37954	41509	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	41315	44713	3	10	5/16	43974	47543	3
	7/16	44528	49211	3		3/8	47769	51318	3
	1/2	48097	52552	3		7/16	51336	53683	3
	5/8	55082	60965	3		1/2	55875	61189	3
	3/4	61028	70653	3		5/8	64946	70653	3
9	7/8	68596	78236	3	10	3/4	73414	81735	3
	1	75119	81219	3		7/8	81246	90575	3
	1.1/4	88456	99366	3		1	89576	98633	3
	1.1/2	101826	113577	3		1.1/4	105086	119677	3
	1.3/4	124869	138535	3		1.1/2	121855	137512	3
10	1/4	39903	43717	3		1.3/4	147980	165245	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	4205	4	100	6	8127	2	160	12	23629	2
	6	4546	4		8	8722	2		14	25177	2
	8	4822	4		10	9495	2		16	26957	2
	10	5035	4		12	10345	2		18	28689	2
63	5	4932	4		14	11127	2		20	30609	2
63	6	4932	4	100	16	11974	2	160	22	32593	2
	8	5162	4		18	12671	2		25	35384	2
	10	5676	4		20	12950	2		28	37361	2
	12	6163	4		22	14464	2		32	42281	2
	14	6522	4		25	15451	2	200	12	34747	2
63	16	7009	4	125	8	12454	2	200	14	36711	2
	18	7533	4		10	13622	2		16	39041	2
80	5	6900	2		12	14856	2		18	41792	2
	6	6900	2		14	16376	2		20	44737	2
	8	7353	2		16	17463	2		22	48070	2
80	10	7848	2	125	18	18922	2	200	25	51824	2
	12	8789	2		20	20039	2		28	56160	2
	14	9495	2		22	21345	2		32	62511	2
	16	10090	2		25	23367	2		36	68858	2
	18	10660	2		28	25787	2		40	75393	2
80	20	11332	2	160	10	22443	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	3416	4		5/16	5346	3		5/16	10280	3
	5/16	3702	4	3 1/2	3/8	5780	3		3/8	11184	3
	3/8	3959	4		7/16	6215	3	5	7/16	12126	3
	7/16	4179	4		1/2	6664	3		1/2	13064	3
	1/2	4416	4		5/8	7587	3		5/8	14856	3
2.1/2	5/8	4941	4		3/4	8245	3		3/4	16322	3
	3/4	5291	4	3 1/2	7/8	8898	3		7/8	17815	3
	7/8	5660	4		1	9542	3	5	1	19303	3
	1	5998	4	4	3/16	5871	3	6	1/4	12126	3
3	1/4	3904	4		1/4	5871	3		5/16	13440	3
3	5/16	4205	4		5/16	6559	3		3/8	14738	3
	3/8	4522	4	4	3/8	7157	3		7/16	16057	3
	7/16	4941	4		7/16	8339	3	6	1/2	17394	3
	1/2	5192	4		1/2	8400	3		5/8	20034	3
	5/8	5845	4		5/8	10500	3		3/4	22217	3
3	3/4	6369	4		3/4	10660	3		7/8	24418	3
	7/8	7030	4	4	7/8	12271	3		1	26697	3
	1	7756	4		1	12636	3				
3.1/2	1/4	4870	3	5	1/4	9387	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	4375	3	80	32	22	70, 75, 80	10189	3
			75, 80, 85								
63	18	22	60, 65, 70	6522	3	100	36	27	70, 75, 80	15290	3
			75, 80, 85								
63	26	22	70, 75, 80	7756	3						

HSS SINGLE ANGLE CUTTERS RH CUTTERS

BS : 122 (PART 1) 1953

Width	Angle	Price Per Piece (Rs.)		MOQ (No.)	Width	Angle	Price Per Piece (Rs.)		MOQ (No.)
		Dia	Inch				Dia	Inch	
Inch	(Degrees)	2-3/4"	3"						
5/16	30	5426	5999	3	1/2"	45, 50, 55, 60, 65, 70, 80	62931	7102	3
7/16	40	5946	6783	3	5/8"	50,60,65,70,80	7010	7537	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 65, 70, 75 & 80	4816	4
63	18	22	12 x 55, 15 x 60 65, 70, 75 & 80	6587	4
50	14	16	20 x 90	5249	4
63	20	22	20 x 90	6900	4
50	16	16	25 x 100	5676	4
63	22	22	25 x 100	7462	4
80	32	22	15 x 65, 70, 75	10189	3
100	36	27	15 x 70, 75, 80	15290	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	6291	3	3	5/8	1-1/4	7848	3
	3/4	1	7586	3		3/4	1-1/4	7900	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	4239	3	80	12	27	45	6335	3
50	10	16	60	4426	3	80	18	27	60	7177	3
50	14	16	90	4990	3	80	22	27	90	8127	3
63	10	22	45	5162	3	100	18	32	45	10014	3
63	14	22	60	5714	3	100	25	32	60	11713	3
63	20	22	90	6607	3	100	32	32	90	13707	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	4816	3	80	16	22	45	6888	3
56	12	16	60	5035	3	80	20	22	60	7474	3
56	14	16	90	5425	3	80	22	22	90	8127	3
63	12	22	45	5425	3	100	18	27	45	10014	3
63	16	22	60	5998	3	100	25	27	60	11713	3
63	18	22	90	6291	3	100	28	27	90	12695	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	5425	3	3	5/16	30, 40	5998	3
2.3/4	7/16	40	5676	3	3	7/16	30, 40	6291	3
2.3/4	1/2	45, 60, 90	5676	3	3	1/2	45, 60, 90	6291	3
2.3/4	5/8	60, 90	6291	3	3	5/8	60, 90	6888	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	5780	2	80	12.6	6.3	27	9522	2
50	4	2	16	5780	2	80	16	8	27	10452 **	2
63	5	2.5	22	7262	2	100	20	10	32	16041	2
63	6	3	22	7262	2	100	24	12	32	17698	2
63	6.3	3.15	22	7262	2	100	25	12.5	32	18717	2
63	8	4	22	7262	2	125	32	16	32	30934	2
63	10	5	22	8005	2	125	40	20	32	37273	2
80	12	6	27	9522	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	5780	2	70	16	8	22	9495	2
50	3.2	1.6	22	5780	2	90	18	9	27	12695	2
50	4	2	22	5780	2	90	20	10	27	13366	2
56	5	2.5	22	6843	2	90	22	11	27	14730	2
56	6	3	22	6843	2	90	24	12	27	15785	2
63	6	3	22	7262	2	90	25	12.5	27	16322	2
63	8	4	22	7262	2	100	28	14	32	20133	2
63	10	5	22	8005	2	110	32	16	32	25463	2
70	12	6	22	8631	2	110	36	18	32	33612	2
70	14	7	22	9495	2	125	40	20	40	37273	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	6900	2	80	24	6.3	27	14315	2
50	9	2	16	7217	2	80	32	8	27	16830	2
63	10	2.5	22	7919	2	100	36	10	32	23448	2
63	12	3	22	8526	2	100	40	12	32	24715	2
63	12	3.15	22	8526	2	100	40	12.5	32	24715	2
63	16	4	22	8773	2	125	50	16	32	52074	2
63	20	5	22	10294	2	125	60	20	32	56594	2
80	24	6	27	14226	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	7262	2	90	40	10	27	22317	2
56	8	1.6	22	7262	2	100	42	11	27	26028	2
56	9	2	22	7631	2	100	44	12	27	26901	2
56	10	2.5	22	7848	2	100	46	12.5	27	27425	2
63	14	3.5	22	8789	2	100	50	14	27	30179	2
70	24	6	22	12271	2	125	56	16	32	41544	2
70	28	7	22	12879	2	125	62	18	32	56594	2
90	36	9	27	20112	2	125	70	20	32	59584	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	6151	7262	2	3	3/4	1	11094	16021	2
2.1/4	3/16	1	6559	7530	2	3.1/4	13/16	1	12553	19170	2
2.1/4	1/4	1	6854	8023	2	3.1/4	7/8	1	13366	19491	2
2.1/2	5/16	1	7262	8789	2	3.1/2	15/16	1	14971	22809	2
2.1/2	3/8	1	7738	9530	2	3.1/2	1	1	15659	23131	2
2.1/2	7/16	1	8019	10294	2	4	1.1/8	1.1/4	20133	28279	2
2.1/2	1/2	1	8634	10977	2	4	1.1/4	1.1/4	22160	30179	2
2.3/4	9/16	1	8789	12879	2	4.1/4	1-3/8	1.1/4	30497	39768	2
2.3/4	5/8	1	9542	13202	2	4.1/4	1-1/2	1.1/4	32991	45573	2
3	11/16	1	10584	15774	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	5845	2	80	12	6.3	27	10246	2
50	5	2	16	5845	2	80	16	8	27	11028	2
63	5	2.5	22	7103	2	100	18	10	32	21820	2
63	6	3	22	7103	2	100	20	12	32	22751	2
63	6	3.15	22	7103	2	100	20	12.5	32	22751	2
63	8	4	22	7432	2	125	24	16	32	30708	2
63	10	5	22	7919	2	125	28	20	32	35655	2
80	12	6	27	10246	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	6151	2	100	11	21	27	23455	2
56	2.0	4.5	22	6151	2	100	12	22	27	23455	2
56	2.5	5	22	6151	2	100	12.5	22	27	23455	2
63	3.5	7	22	7432	2	100	14	25	27	24843	2
70	6.0	12	22	8469	2	100	16	28	32	26698	2
70	7.0	14	22	8898	2	100	18	31	32	34123	2
90	9.0	18	27	13314	2	125	20	35	32	36290	2
90	10.0	20	27	14464	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	6445	9109	2	3	3/8	1	10671	15209	2
2.1/4	3/32	1	6445	9109	2	3.1/4	13/32	1	12086	17463	2
2.1/4	1/8	1	6445	9109	2	3.1/4	11/16	1	12086	17463	2
2.1/2	5/32	1	7262	10246	2	3.1/2	15/32	1	14364	21086	2
2.1/2	3/16	1	7262	10246	2	3.1/2	1/2	1	14364	21086	2
2.1/2	7/32	1	7676	10978	2	3.1/2	9/16	1	15815	23587	2
2.1/2	1/4	1	7676	10978	2	3.1/2	5/8	1	15815	23587	2
2.3/4	9/32	1	9005	13062	2	3.3/4	11/16	1	23264	33324	2
2.3/4	5/16	1	9005	13062	2	3.3/4	3/4	1	23264	33324	2
3	11/32	1	10671	15210	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	-	3886	-	-	-	-	2
0.75	-	3886	-	-	-	-	2
1	3886	3886	-	-	-	-	2
1.25	4082		-	-	-	-	2
1.5	4460	4460	-	-	-	-	2
1.75	4460		5006	5685	-	-	2
2	-	5006	5006	5685	-	-	2
2.25	-	5006	5006	5685	-	-	2
2.5	-	5521	5521	6429	-	-	2
2.75	-	5521	5521	6429	-	-	2
3	-	5962	5962	7531	-	-	2
3.25	-		6267	7932	-	-	2
3.5	-	6587	6587	8077	-	-	2
3.75	-		7446	8824	-	-	2
4	-	7446	7446	8364	-	-	2
4.5	-	-	8912	11066	-	-	2
5	-	-	9359	11238	-	-	2
5.5	-	-	11238	12526	-	-	2
6	-	-	14039	14249	-	-	2
6.5	-	-	16047	16950	-	-	2
7	-	-		17828	-	-	2
8	-	-	-	20565	-	-	2
9	-	-	-	31580	31580	36000	2
10	-	-	-	34533	35795	38732	2
11	-	-	-	37480	41186	43175	2
12	-	-	-	39877	43175	45486	2
14	-	-	-	50227	51209	56335	2
16	-	-	-	-	-	70545	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	70545	—	—	—	2	11	—	—	5685	5006	2	
1.75	56334	56334	50943	—	2	12	—	—	—	4933	2	
2	45486	43175	39877	—	2	13	—	—	—	4460	2	
2.25	43175	41186	37480	—	2	14	—	—	—	4460	2	
2.5	38732	35795	34533	—	2	15	—	—	—	4460	2	
2.75	36000	31580	31580	—	2	16	—	—	—	4085	2	
3	—	—	20565	—	2	18	—	—	—	4085	2	
4	—		14249	14039	2	20	—	—	—	3886	2	
5	—	—	11238	9359	2	22	—	—	—	3886	2	
6	—	—	8360	7446	2	24	—	—	—	3886	2	
7	—	—	8077	6587	2	26	—	—	—	3886	2	
8	—	—	7533	5962	2	28	—	—	—	3886	2	
9	—	—	6429	5521	2	30	—	—	—	3632	2	
10	—	—	6308	5466	2							

STANDARD CUTTERS GROUP

(8 CUTTERS)

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

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

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

BS : 228 - 1962

Pitch Inch	Roller Dia Inch	Price Per Piece (Rs.)			MOQ (No.)	Pitch Inch	Roller Dia Inch	Price Per Piece (Rs.)			MOQ (No.)
		Cutter No	1	2	3			Cutter No	1	2	3
0.315	0.197	10280	10280	10280	2	0.75	0.475	17982	17982	18295	2
0.375	0.25	10152	10660	10660	2	1	0.625	34853	34853	33965	2
0.5	0.305	12042	12042	12042	2	1.25	0.75	40879	37809	37809	2
0.5	0.335	12042	12042	12042	2	1.5	1	41162	40879	42484	2
0.625	0.325	12042	12042	12042	2	1.75	1.1	55605	54976	54605	2
0.625	0.4	13495	13495	13495	2	2	1.15	81443	74910	72766	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	7474	4	100	50	32	26993	3
50	36	22	9093 **	4	125	56	40	45258	3
63	40	27	11966 **	4	160	63	50	85416	3
80	45	27	17682	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	5142	4	3	1.3/4	1.1/4	15774	4
1.1/2	1.1/8	1/2	6291	4	3.1/2	1.7/8	1.1/4	19668	3
1.3/4	1.1/4	3/4	7474	4	4	2.1/4	1.1/2	28927	3
2	1.3/8	3/4	8496	4	4.1/2	2.1/4	1.1/2	34679	3
2.1/4	1.1/2	1	10246	4	5	2.1/4	1.1/2	45258	3
2.1/2	1.5/8	1	11917	4	5.1/2	2.1/4	2	52940	3
2.3/4	1.5/8	1	13550	4	6	2.1/4	2	61057	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	6447	4	3	1.11/16	1.1/8	13438	4
2	1.1/4	3/4	7432	4	4	1.3/4	1.1/8	22475	3
2.1/2	1.1/4	3/4	9387	4	5	2	1.1/2	37809	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	3416	5	5/8	1.1/4	8147	5
9/32	3/4	4073	5	11/16	1.1/2	8147	5
5/16	3/4	4073	5	3/4	1.1/2	6522	5
11/32	3/4	4073	5	13/16	1.1/2	6522	5
3/8	1	4416	5	7/8	1.3/4	8147	5
7/16	1	6522	5	15/16	1.3/4	8147	5
1/2	1	6522	5	1	1.3/4	8147	5
9/16	1.1/4	8147	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	2032	35	16.5	5	2829 **	30	28.5	6	5933 **	15
10.5	2.5	2032	35	19.5	4	3216	30	28.5	8	5933	15
10.5	3	2032	35	19.5	5	3216	30	28.5	10	5933	15
13.5	3	2540	30	19.5	6	3656 **	30	32.5	7	7016	10
13.5	4	2540 **	30	22.5	5	3656	25	32.5	8	7016	10
16.5	3	2829 **	30	22.5	6	3656 **	25	32.5	10	7016	10
16.5	4	2829	30	22.5	8	3656	25	45.5	10	11916	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	2167	30	607	4141	25	1210	7330	10
304	2167	30	807	4141	25	1011	8920	10
404	2167	30	608	5005 **	25	1211	8920	10
305	3004	30	808	5005	25	812	10078	10
405	3004	30	1008	5005	25	1012	10078	10
505	3004	30	609	6193	15	1212	10078	10
406	3527	30	809	6193 **	15			
506	3527	30	1009	6193	15			
606	3527	30	810	7330 **	10			
507	4141	25	1010	7330	10			

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



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

IS : 2668 - 2004

Nom Size of T - Slot	Dia of Cutter	Price Per Piece (Rs.)	MOQ (No.)	Nom Size of T - Slot	Dia of Cutter	Price Per Piece (Rs.)	MOQ (No.)
10	18	7729	20	22	40	27090	15
12	21	8445	20	28	50	35117	10
14	25	16234	20	36	60	63284	5
18	32	20327	15	42	72	76800	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	6209	20	7/8	1-45/64	23234	15
5/16	45/64	7003	20	1	1-61/64	28773	10
3/8	53/64	7656	20	1-1/8	2-1/8	37141	5
7/16	61/64	8115	20	1-1/4	2-5/16	44184	5
1/2	1-5/64	9803	20	1-3/8	2-1/2	54536	5
5/8	1-21/64	15867	15	1-1/2	2-3/4	69824	3
3/4	1-33/64	19702	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	4385	15	28	14748	15	43	28481	10
14.5	4903	15	29	15547	15	46	32428	10
16.5	5626	15	31	16949	15	48	35199	3
17.5	6051	15	33	19418	10	51	39734	3
19.5	7146	15	34	20702	10	53	43169	3
20	7492 **	15	36	22499	10	55	47519	3
22	8574 **	15	37	23446	10	57	52210	3
23	9843	15	39	25404	10	59	57851	3
25	11916	15	41	27550	10	61	64453	3
26	13206 **	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	2603	15	11/16	7/16	6051	15	1-1/4	3/4	16949	15
5/16	3/16	2959	15	3/4	1/2	6802	15	1-3/8	13/16	20702	10
3/8	7/32	3303	15	13/16	9/16	7542	15	1-1/2	7/8	24048	10
7/16	1/4	3417	15	7/8	5/8	8574 **	15	1-5/8	15/16	27564	10
1/2	5/16	3846	15	15/16	5/8	10078	15	1-3/4	1	31229	10
9/16	3/8	4783	15	1	3/4	11916	15	1-7/8	1 1/8	34689	3
5/8	7/16	5341	15	1-1/8	3/4	14747	15	2	1 1/4	38306	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	2886 **	15	1-1/8	8921	15	2	26807 **	3
5/8	3834 **	15	1-1/4	11229 **	15	2 1/4	30393	3
3/4	4345 **	15	1-3/8	13128	10	2 1/2	37717 **	3
7/8	5487	15	1-1/2	15558 **	10	2 3/4	44519	3
1	6901 **	15	1-3/4	23005 **	10	3	53840	3

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





End Mills



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

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

Dia mm	Price Per Piece (Rs.)							
	M2 END MILLS				M2 SLOT MILLS			
	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)
3	931 *	50	1551	25	1131 **	50	1729	25
4	931 *	50	1551	25	1131 *	50	1729	25
5	931 *	50	1551	25	1131 **	50	1729	25
6	1040 *	50	1551	25	1209 *	50	1729	25
7	1170 **	50	1551	25	1209 **	35	1729	25
8	1170 *	50	1551	25	1209 *	35	1901	25
9	1170 **	35	1678	25	1209	35	1901	25
10	1170 *	35	1678	25	1257 *	35	1940	25
11	1170 **	35	1845	25	1257	35	1940	25
12	1209 *	35	1845	25	1371 **	35	2165	25
13	1369 **	35	2550	25				
14	1499 *	35	2550	25	1754 **	35	2717	25
15	1754 **	35	2717	25	1972 **	35	2819	25
16	1754 *	35	2717	25	1972 **	35	2819	25
17	1915 **	35	3316	20				
18	2129 *	35	3316	20	2427 **	35	3234	25
19	2129 **	35	3830	20				
20	2356 *	35	3830	20	2427 **	25	3234	20
21	2643	35	4019	20	2830	25	4016	20
22	2673 *	35	4019	20	2830	25	4016	20
23	2899	30	4383	20	3357	25	4783	20
24	2899 **	30	4735	20	3357	25	4783	20
25	3116 *	30	4735	20	3357	25	4783	20
26	3232	20	5897	15	4782	20	6601	20
27	3803	20	6592	15				
28	4436 **	20	6592	15			6992	20
29	4436	20	7251	15				
30	4881 *	20	7251	15	5830 **	20	8385	20
31	5322	20	7700	15				
32	5328	20	7699	15	5830 **	20	8385	20
33	5899	15	9309	10				

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



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

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

Dia mm	Price Per Piece (Rs.)							
	M2 END MILLS				M2 SLOT MILLS			
	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)
34	6432	15	10211	10	7011	15	10863	15
35	6432 **	15	10211	10	7011	15	10863	15
36	7011 **	15	11191	10	7528	15	12668	15
37	7556	15	12204	10				
38	8053	15	12204	10	8119	15	12668	15
39	8544	15	14188	10				
40	9072 **	15	14188	10	8691	7	14458	10
41	9072	10	14188	10	9829	7		
42	10326	10	15600	10	9829	7		
43	10326	10	15600	10	10927	7		
44		10	16300	10	10927	7		
45	11570	10	17530	10	10927	7		
46	11570	10	17941	5	12134	7		
47	12729	5	18585	5	12134	7		
48	12729	5	18585	5	12134	7		
49	12729	5	20900	5	13305	7		
50	14001 **	5	20900	5	13305	7		
51	14001	5	20900	4				
52	17234	5	29283	4				
53	17234	5	29283	4				
54	20420	5	36998	4				
55	24553	5	36998	4				
56	24553	5	36998	4				
57	28554	5	38833	4				
58	28554	5	38833	4				
59	28554	5	38833	4				
60	30488	5	38833	4				
61	30488	5	46563	4				
62	31204	5	46563	4				
63	31738	5	46563	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	931	50	1446	25	1131	50	1553	25
5/32	931	50	1446	25	1131	50	1553	25
3/16	931 **	50	1446	25	1131	50	1553	25
7/32	933	50	1483	25	1206	50	1701	25
1/4	1040 **	50	1483	25	1209	50	1791	25
9/32	1071	50	1483	25				
5/16	1170 **	50	1483	25	1209	35	1901	25
3/8	1170 **	35	1611	25	1209	35	1901	25
7/16	1170	35	1634	25	1235	35	1940	25
1/2	1209 **	35	1845	25	1371	35	2165	25
9/16	1499	35	2550	25	1754	35	2717	25
5/8	1754 **	35	2717	25	1972	35	2819	25
11/16	1962	35	3063	20	2231	35	3068	25
3/4	2129 **	35	3234	20	2427	25	3234	20
13/16	2356	35	3676	20	2830	25	4016	20
7/8	2673	35	4024	20	2830	25	4016	20
15/16			4367	20				
1	3116	30	4700	20	3357	25	4783	20
1-1/8	4436	15	6551	15	4782	20	6992	20
1-1/4	5326	15	7700	15	5830	20	8385	20
1-3/8	6432	10	10211	10	7011	15	10863	15
1-1/2	7528	10	12204	10	8119	15	12668	15
1-5/8	9072	10	14188	10	10051	7	—	
1-3/4	11570	5	16300	10	10927	7	—	
1-7/8	12758	5	18585	5	12134	7	—	
2	13970	5	20900	5	13304	7	—	
2-1/16	17234	5					—	
2-1/8	20420	5	28960	5			—	
2-3/16	24553	5					—	
2-1/4	26562	5	36998				—	
2-5/16	28554	5					—	
2-3/8	30488	5	40375				—	
2-1/2	34374	5	43114				—	

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


M42 PARALLEL SHANK END MILLS
IS - 6353-1991
BS 122 – PART I – 1953

Size mm	Price Per Piece (Rs.)			MOQ (No.)	Size mm	Price Per Piece (Rs.)			MOQ (No.)
	Inch	CC	CCTC			Inch	CC	CCTC	
3		1780	2094	15	31		13475	15859	10
(3.17)	1/8	1780	2094	15	(31.75)	1.1/4	13475	15859	10
(3.97)	5/32	1780	2094	15	32		13475	15859	10
4		1780	2094	15	33		13475	15859	10
(4.76)	3/16	1780	2094	15	34		13475	15859	10
5		1780	2094	15	(34.92)	1.3/8	13475	15859	10
(5.56)	7/32	1780	2094	15	35		13475	15859	10
6		1780	2094	15	36		13475	15859	10
(6.35)	1/4	1780	2094	15	37		14525	17079	10
7		2010	2357	15	38		15478	18206	10
(7.14)	9/32	2010	2357	15	(38.10)	1.1/2	15478	18205	10
(7.94)	5/16	2010	2357	15	39		16101	18947	10
8		2010	2357	15	40		17112	20127	10
9		2010	2357	15	41		21821	25675	10
(9.52)	3/8	2010	2357	15	(41.27)	1.5/8	21821	25675	10
10		2010 **	2357	15	42		21821	25675	10
11		2320	2727	15	43		21821	25675	10
(11.11)	7/16	2320	2727	15	44	—			—
12		2389	2816	15	(44.45)	1.3/4	21821	25675	10
(12.70)	1/2	2389	2816	15	45		21821	25675	10
13		2954	3477	15	46		24064	28306	10
14		2954	3477	15	47		24064	28306	10
(14.29)	9/16	2954	3477	15	(47.62)	1.7/8	24064	28306	10
15		3453	4054	15	48		24064	28306	10
(15.87)	5/8	3453	4054	15	49		24064	28307	10
16		3453	4054	15	50		26401	31056	10
17		4209	4946	15	(50.8)	2	26342	30989	10
(17.46)	11/16	4209	4946	15	51		21996	25880	5
18		4209	4946	15	52		47906	56361	5
19		4209	4946	15	(52.39)	2-1/16	57483	67632	5
(19.05)	3/4	4209	4946	15	53		47906	56361	5
20		4661	5485	15	(53.97)	2-1/8	57483	67632	5
(20.64)	13/16	5278	6217	15	54		47906	56361	5
21		5278	6221	15	55		47906	56361	5
22		5278	6221	15	(55.56)	2-3/16	57483	67632	5
(22.22)	7/8	5278	6217	15	56		47906	56361	5
23		5715	6728	15	57		47906	56361	5
(23.81)	15/16	6151	7234	15	(57.15)	2-1/4	57483	67632	5
24		6151	7234	15	58		47906	56361	5
25		6151 **	7234	15	(58.74)	2-5/16	57483	67632	5
(25.40)	1	6151	7234	15	59		47906	56361	5
26		6209	7308	10	60		47906	56361	5
27		8528	10035	10	(60.32)	2-3/8	57483	67632	5
28		8528	10035	10	61		54852	64535	5
(28.57)	1-1/8	8528	10035	10	62		54852	64535	5
29		8528	10035	10	63		54852	64535	5
30		9380	11034	10	(63.50)	2-1/2	65821	77441	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	3382	3760				50
10		3382	3768	4689	5204	6068	50
11		3382	3928	4689	5357	6244	50
(11.11)	7/16	3382	3760				50
12		3472	4015	4955	5638	6569	50
(12.70)	1/2	3472	3855				35
13		3910	4743				35
14		4092	4743	5750	7365	8110	35
(14.29)	9/16	4092	4798				35
15		5119	5901				35
(15.87)	5/8	5119	6006				35
16		5119	5901	6989	7982	9833	35
17		4855	6023				25
(17.46)	11/16	4984	5846				25
18		5119	6023	7264	8416	10368	25
19		5115	6023				25
(19.05)	3/4	5115	6001				25
20		5803	7342	8478	10590	13048	25
(20.64)	13/16	5803	6809				25
21		6112	7342				25
22		6196	7342	8983	10590	13048	25
(22.22)	7/8	6196	7272				25
23		6448	8010				25
(23.81)	15/16	6448	7566				25
24		6448	8010				25
25		6719	8010	10067	11902	14664	25
(25.40)	1	6719	9136				5
26		7279	8641				5
27		7980	10534				5
28		8726	10534	12474	15024	18510	5
(28.57)	1.1/8	8726	10233				5
29		8726	10534				5
30		9699	12358				5
31		10191	12358				5
(31.75)	1.1/4	10191	11512				5
32		10191	12358				5
33		11712	15005				5
34		12406	15005				5
(34.92)	1.3/8	12406	14554				5
35		12406	15005				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		13109	17979	–	–	–	5
37		14113	17979	–	–	–	5
38		14752	17979	–	–	–	5
(38.10)	1.1/2	13788	16179	–	–	–	5
39		15737	20038	–	–	–	5
40		16427	20038	–	–	–	5
41		16427	22917	–	–	–	5
(41.27)	1.5/8	16427	19238	–	–	–	5
42		18793	22917	–	–	–	5
43		18793	22917	–	–	–	5
44		20232	24826	–	–	–	5
(44.45)	1.3/4	20232	23741	–	–	–	5
45		20232	24826	–	–	–	5
46		20232	27515	–	–	–	5
47		22444	27515	–	–	–	5
(47.62)	1.7/8	22444	26335	–	–	–	5
48		22444	27515	–	–	–	5
49		22444	29506	–	–	–	5
50		23965	29506	–	–	–	5
(50.08)	2	23965	28121	–	–	–	5
51		23965	29506	–	–	–	5
52		28271	49645	–	–	–	5
(52.39)	2.1/16	28271	33176	–	–	–	5
53		28271	49645	–	–	–	5
(53.97)	2.1/8	32019	37568	–	–	–	5
54		32019	49645	–	–	–	5
55		37022	49645	–	–	–	5
(55.56)	2.3/16	37022	43438	–	–	–	5
56		37022	49645	–	–	–	5
57		39438	49645	–	–	–	5
(57.15)	2.1/4	39438	46279	–	–	–	5
58		42050	58109	–	–	–	5
(58.74)	2.5/16	42050	49336	–	–	–	5
59		42050	58109	–	–	–	5
60		44530	58109	–	–	–	5
(60.32)	2.3/8	44530	52243	–	–	–	5
61		44530	58109	–	–	–	5
62		45214	58109	–	–	–	5
63		45966	58109	–	–	–	5
(63.50)	2-1/2	45966	53934	–	–	–	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	3984	4695	4386	5160	50
10		3984	4695	4386	5160	50
11		4275	5032	4700	5534	50
(11.11)	7/16	4940	5801	5425	6381	50
12		4390	5163	4830	5680	50
(12.70)	1/2	4940	5801	5425	6381	50
13		5218	6135	5732	6745	35
14		5218	6135	5732	6745	35
(14.29)	9/16	5218	6135	5732	6744	35
15		6448	7592	7094	8341	35
(15.87)	5/8	6448	7592	7094	8341	35
16		6448	7592	7094	8341	35
17		7542	8868	8301	9753	25
(17.46)	11/16	7542	8870	8301	9753	25
18		7542	8870	8301	9753	25
19		7542	8870	8301	9753	25
(19.05)	3/4	7542	8870	8301	9753	25
20		7542	8870	8301	9753	25
(20.64)	13/16	8177	9615	8995	10579	25
21		8177	9615	8995	10581	25
22		8177	9615	8995	10581	25
(22.22)	7/8	8177	9615	8995	10579	25
23		8983	10563	9877	11620	25
(23.81)	15/16	8983	10563	9877	11621	25
24		8983	10563	9877	11620	25
25		8983	10563	9877	11620	25
(25.40)	1	8983	10563	9877	11621	25
26		9645	11343	10313	12137	5
27		13196	15526	14114	16614	5
28		13196	15526	14114	16614	5
(28.57)	1.1/8	13196	15526	14114	16614	5
29		13196	15526	14114	16614	5
30		13196	15526	14114	16614	5
31		18107	21296	19369	22790	5
(31.75)	1.1/4	18969	22314	20297	23879	5
32		18107	21296	19369	22790	5
33		18107	21296	19369	22790	5
34		18107	21296	19369	22790	5
(34.92)	1.3/8	18969	22314	20297	23879	5
35		18107	21296	19369	22790	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		18107	21296	19369	22790	5
37		22844	26872	24440	28749	5
38		22844	26872	24440	28749	5
(38.10)	1.1/2	22844	26872	24440	28754	5
39		22844	26872	23984	28217	5
40		22844	26872	23984	28217	5
41		28402	33413	29820	35087	5
(41.27)	1.5/8	28402	33413	29820	35087	5
42		28402	33413	29820	35087	5
43		28402	33413	29820	35087	5
44		28402	33413	29820	35087	5
(44.45)	1.3/4	28402	33413	29820	35087	5
45		28402	33413	29820	35087	5
46		33838	39809	35529	41795	5
47		33838	39809	35529	41795	5
(47.62)	1.7/8	33838	39809	35529	41795	5
48		33838	39809	35529	41795	5
49		33838	39809	35529	41795	5
50		33838	39809	35529	41795	5
(50.08)	2	33838	39809	35529	41795	5
51		33838	39809	35529	41795	5
52		65655	77246	68938	81103	5
(52.39)	2.1/16	65655	77245	68940	81103	5
53		65655	77246	68938	81103	5
(53.97)	2.1/8	65655	77245	68940	81103	5
54		65655	77246	68938	81103	5
55		65655	77246	68938	81103	5
(55.56)	2.3/16	65655	77245	68940	81103	5
56		65655	77246	68938	81103	5
57		65655	77246	68938	81103	5
(57.15)	2.1/4	65655	77245	68940	81103	5
58		65655	77246	68938	81103	5
(58.74)	2.5/16	65655	77245	68940	81103	5
59		65655	77246	68938	81103	5
60		65655	77246	68938	81103	5
(60.32)	2.3/8	76677	90215	80516	94721	5
61		76677	90215	80516	94721	5
62		76677	90215	80516	94721	5
63		76677	90215	80516	94721	5
63.50	2-1/2	76677	90215	80516	94721	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	2094	2461	35	18	4111	4639	35
4	2094	2461	35	20	4610	5127	35
5	2094	2461	35	22	4993	5281	35
6	2094	2461	35	24	5729	6096	35
7	2309	2461	35	25	5729	6096	35
8	2309	2461	35	26	6393	6918	35
9	2309	2461	35	28	7663	8410	35
10	2426	2621	35	30	8028	9209	35
11	2426	2566	35	32	9265	10040	35
12	2522	2810	35	34	11070	11927	20
13	2890	2967	35	36	12842	13681	20
14	2890	3255	35	38	12842	13681	20
16	3255	3666	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	2094	2173	35	1	5729	8028	35
3/16	2094	2173	35	1 1/16	6393	8824	35
1/4	2094	2173	35	1 1/8	7663	9561	35
5/16	2309	2426	35	1 3/16	8028	10306	35
3/8	2309	2734	35	1 1/4	9265	11332	35
7/16	2426	2956	35	1 5/16	11070	12169	20
1/2	2522	3405	35	1 3/8	11070	13129	20
9/16	2890	3824	35	1 7/16	12842	14188	20
5/8	3255	4319	35	1 1/2	12842	15159	20
11/16	3824	4562	35	1 5/8	14938	18572	20
3/4	4111	5133	35	1 3/4	16710	21379	20
13/16	4610	5809	35	1 7/8	20791	24311	10
7/8	4993	6441	35	2	24068	27313	10
15/16	5346	6965	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	2461	2657	35	1	6096	8101	35
3/16	2461	2682	35	1 1/16	6917	9140	35
1/4	2482	2657	35	1 1/8	8411	10324	35
5/16	2482	2657	35	1 3/16	9209	11203	35
3/8	2482	2835	35	1 1/4	10131	12082	35
7/16	2590	3282	35	1 5/16	11928	13162	20
1/2	2810	3502	35	1 3/8	11974	14188	20
9/16	3255	4088	35	1 7/16	13680	15160	20
5/8	3699	4447	35	1 1/2	13680	16209	20
11/16	4276	4909	35	1 5/8	15909	19228	20
3/4	4682	5395	35	1 3/4	17586	21885	20
13/16	5128	6181	35	1 7/8	21523	24726	10
7/8	5330	6630	35	2	24517	27313	10
15/16	5603	7416	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	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	
3 x 0.5	418	1256 *	1452	1487	1688	100 / 34
4 x 0.7	418	1256 *	1452	1487	1688	100 / 34
5 x 0.8	436	1306 *	1500	1546	1750	150 / 50
6 x 1.0	445	1335 *	1562	1576	1814	150 / 50
7 x 1.0	568	1703	—	—	—	150 / 50
8 x 1.25	515	1546 *	1792	1821	2082	150 / 50
9 x 1.25	624	1874	—	—	—	150 / 50
10 x 1.50	646	1936 *	2236	2349 ®	2602	150 / 50
11 x 1.50	988	2964	—	—	—	100 / 34
12 x 1.75	985	2955 *	3671	3493	3931	100 / 34
14 x 2.00	1431	4291 *				100 / 34
16 x 2.00	1431	4291 *	4891	5072	5690	100 / 34
18 x 2.50	2418	7253 *	—	—	—	45 / 15
20 x 2.50	3176	9530 *	—	—	—	45 / 15
22 x 2.50	3299	9897 **	—	—	—	45 / 15
24 x 3.00	3706	11120 *	—	—	—	25 / 9
25 x 3.00	4647	13940	—	—	—	25 / 9
27 x 3.00	5731	17194 **	—	—	—	25 / 9
30 x 3.50	6402	19206 *	—	—	—	25 / 9
33 x 3.50	7812	23438 **	—	—	—	25 / 9
36 x 4.00	10851	32552 *	—	—	—	20 / 7
39 x 4.00	12738	38215 **	—	—	—	20 / 7
42 x 4.50	14873	44619 *	—	—	—	15 / 5
45 x 4.50	19999	60000	—	—	—	15 / 5
48 x 5.00	21327	63982 **	—	—	—	10 / 4
52 x 5.00	26771	80316	—	—	—	10 / 4
56 x 5.50	38085	114252 **	—	—	—	5 / 2
60 x 5.50	40155	120464	—	—	—	5 / 2
64 x 6.00	42241	126723 **	—	—	—	3 / 1
68 x 6.00	52710	158131	—	—	—	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					Machine Tap Long Shank Spiral Flute Price Per Piece	Nut Tap Price Per Piece	MOQ (No.)	
	Type A Price Per Piece	Type C Price Per Piece	Type D Price Per Piece	Type B 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	887	887	887	—		—	100	—	
5 x 0.8	647	647	647	756 **			150	—	
6 x 1.0	695	695	695	819	858	938	150	50	
7 x 1.0	751	751	751			985	150	50	
8 x 1.25	751	751	751	894	936	1064 **	150	50	
9 x 1.25	—	—	—	—	—	—	150	—	
10 x 1.50	940	940	940	1105 **	1166	1418	150	50	
11 x 1.50	—	—	—	—	—	—	100	—	
12 x 1.75	1325	1325	1325	1570 **	1687	2177	100	25	
14 x 2.00	1920	1920	1920	2262	2556	3023	100	25	
16 x 2.00	1920	1920	1920	2262 **	2556	3023	100	25	
18 x 2.50	3130	3130	3130	3699	4106	5183	45	20	
20 x 2.50	3884	3884	3884	4544 **	4869	6912	45	20	
22 x 2.50	4306	4306	4306	5073	5725	7014	45	20	
24 x 3.00	4810	4810	4810	5666	6184	7966	25	20	
25 x 3.00	—	—	—	—	—	9525	25	20	
27 x 3.00	7393	7393	7393	8730	—	12235	25	20	
30 x 3.50	8138	8138	8138	9606	—	15111	25	20	
33 x 3.50	9534	9534	9534	11541	—	16681	25	20	
36 x 4.00	12468	12468	12468	—	—	21581	20	20	
39 x 4.00	15018	15018	15018	—	—	25745	20	20	
42 x 4.50	17148	17148	17148	—	—	30655	15	10	
45 x 4.50	22988	22988	22988	—	—	36968	15	10	
48 x 5.00	25850	25850	25850	—	—	43248	10	10	
52 x 5.00	29928	29928	29928	—	—	—	10	—	
56 x 5.50	38500	38500	38500	—	—	—	5	—	
60 x 5.50	45446	45446	45446	—	—	—	5	—	
64 x 6.00	51281	51281	51281	—	—	—	3	—	
68 x 6.00	71440	71440	71440	—	—	—	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			
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
3 x 0.35	678	1356	-			-	-	100 / 50	
3.5 x 0.35	678	1356	-			-	-	100 / 50	
4 x 0.5	598	1196	-			-	-	100 / 50	
5 x 0.5	584	1168	795	795	795	-	-	150 / 75	
6 x 0.75	598	1196	795	795	795	947	1034	150 / 75	50
7 x 0.75	693	1387	901	901	901	1075	1338	150 / 75	50
8 x 0.75	687	1374	858	858	858	1019	1213	150 / 75	50
8 x 1.0	624	1248 **	858	858	858	1019	1213	150 / 75	50
9 x 0.75	762	1525	1179	1179	1179	1472		150 / 75	
9 x 1.0	762	1525	1179	1179	1179	1472	1213	150 / 75	50
10 x 0.75	864	1728	-	-	-	-	-	150 / 75	
10 x 1.0	726	1452 **	991	991	991	1179	1599	150 / 75	50
10 x 1.25	726	1452 *	1054	1054	1054	1245	1599	150 / 75	50
11 x 1.0	1207	2414	1535	1535	1535	1777	-	100 / 50	
12 x 1.0	1151	2301 **	1285	1285	1285		2510	100 / 50	25
12 x 1.25	1151	2301 **	1431	1431	1431	1693	2510	100 / 50	25
12 x 1.5	1151	2301 **	1431	1431	1431	1693	2510	100 / 50	25
14 x 1.0	1481	2962	1937	1937	1937	2293	3740	100 / 50	25
14 x 1.25	1521	3042	1920	1920	1920	2262	3740	100 / 50	25
14 x 1.5	1431	2861 **	1920	1920	1920	2262	3740	100 / 50	25
15 x 1.0	1741	3482	2059	2059	2059	2412	-	100 / 50	
15 x 1.5	1481	2962	1920	1920	1920	2239	-	100 / 50	
16 x 1.0	1481	2962	2059	2059	2059	2412	3740	100 / 50	25
16 x 1.5	1431	2861 **	1920	1920	1920	2239	3740	100 / 50	25
18 x 1.0	3008	6016	3760	3760	3760	4517	5819	45 / 23	20
18 x 1.5	2808	5616 **	3603	3603	3603	4247	5819	45 / 23	20
18 x 2.0	2808	5616	3603	3603	3603	4247	5819	45 / 23	20
20 x 1.0	3723	7446 **	4695	4695	4695	5725		45 / 23	
20 x 1.5	3487	6973 **	4695	4695	4695	5549	7601	45 / 23	20
20 x 2.0	3487	6973 **	4695	4695	4695	5549	7601	45 / 23	20
22 x 1.0	4215	8429	4695	4695	4695	6035		45 / 23	
22 x 1.5	3789	7579 **	4695	4695	4695	5744	8070	45 / 23	20
22 x 2.0	3789	7579	4695	4695	4695	5744	8070	45 / 23	20
24 x 1.0	4289	8578	5440	5440	5440	6724	-	25 / 13	-
24 x 1.5	4289	8578 **	5440	5440	5440	6408	9596	25 / 13	20
24 x 2.0	4289	8578 **	5440	5440	5440	6408	9596	25 / 13	20
25 x 1.5	4741	9482	7081	7081	7081	8359	10789	25 / 13	20
25 x 2.0	4741	9482	7081	7081	7081	8359	-	25 / 13	
26 x 1.5	4768	9536	6989	6989	6989	8249	-	25 / 13	
26 x 2.0	4768	9536	6989	6989	6989	8249	-	25 / 13	
27 x 1.5	6366	12732	8359	8359	8359	9864	13600	25 / 13	20
27 x 2.0	6366	12732 **	8359	8359	8359	9864	-	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			
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
28 x 1.5	6366	12732	9032	9032	9032	10596	16936	25 / 13	20
28 x 2.0	6366	12732	9032	9032	9032	10596	—	25 / 13	
30 x 1.0	7183	14366	9675	9675	9675	11378	—	25 / 13	
30 x 1.5	7183	14366 **	9405	9405	9405	11095	16936	25 / 13	20
30 x 2.0	7183	14366 **	9405	9405	9405	11095	16936	25 / 13	20
30 x 3.0	7183	14366	9405	9405	9405	11095	—	25 / 13	—
32 x 1.5	7556	15112	10395	10395	10395	12408	—	25 / 13	—
32 x 2.0	7556	15112	10395	10395	10395	12408	—	25 / 13	—
33 x 1.5	8754	17509	11378	11378	11378	13500	18790	25 / 13	20
33 x 2.0	8754	17509 **	11378	11378	11378	13500	18790	25 / 13	20
33 x 3.0	8754	17509	11378	11378	11378	13500	—	25 / 13	—
35 x 1.5	12134	24268	15812	15812	15812	—	—	20 / 10	—
36 x 1.5	12134	24268 **	15812	15812	15812	—	—	20 / 10	—
36 x 2.0	12134	24268 **	15812	15812	15812	—	—	20 / 10	—
36 x 3.0	12134	24268	15812	15812	15812	—	—	20 / 10	—
39 x 1.5	15153	30306	19207	19207	19207	—	—	20 / 10	—
39 x 2.0	15153	30306	19207	19207	19207	—	—	20 / 10	—
39 x 3.0	15153	30306	19207	19207	19207	—	—	20 / 10	—
40 x 1.5	15309	30618	20676	20676	20676	—	—	15 / 8	—
40 x 2.0	16058	32117	20676	20676	20676	—	—	15 / 8	—
40 x 3.0	16795	33589	20676	20676	20676	—	—	15 / 8	—
42 x 1.5	16795	33589	21808	21808	21808	—	—	15 / 8	—
42 x 2.0	16795	33589 **	21808	21808	21808	—	—	15 / 8	—
42 x 3.0	16795	33589	21808	21808	21808	—	—	15 / 8	—
42 x 4.0	16795	33589	21808	21808	21808	—	—	15 / 8	—
45 x 1.5	23293	46586	30425	30425	30425	—	—	15 / 8	—
45 x 2.0	23293	46586	30425	30425	30425	—	—	15 / 8	—
45 x 3.0	23293	46586	30425	30425	30425	—	—	15 / 8	—
45 x 4.0	23293	46586	30425	30425	30425	—	—	15 / 8	—
48 x 1.5	24269	48538	31524	31524	31524	—	—	10 / 5	—
48 x 2.0	24269	48538	31524	31524	31524	—	—	10 / 5	—
48 x 3.0	24269	48538 **	31524	31524	31524	—	—	10 / 5	—
48 x 4.0	24269	48538	31524	31524	31524	—	—	10 / 5	—
50 x 1.5	26756	53512	36694	36694	36694	—	—	10 / 5	—
50 x 2.0	26756	53512	36694	36694	36694	—	—	10 / 5	—
50 x 3.0	26756	53512	36694	36694	36694	—	—	10 / 5	—
52 x 1.5	30152	60304	39174	39174	39174	—	—	10 / 5	—
52 x 2.0	30152	60304	39174	39174	39174	—	—	10 / 5	—
52 x 3.0	30152	60304	39174	39174	39174	—	—	10 / 5	—
52 x 4.0	30152	60304	39174	39174	39174	—	—	10 / 5	—

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



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

BS: 949 (PART 2) 1979

CLASS 2 TOL

Dia (Inch)	Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	MOQ	Dia (Inch)	Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	MOQ
			Individual Taps / Sets				Individual Taps / Sets
3/16	436	1308	150 / 50	1	4289	12867	20 / 7
1/4	445	1334	150 / 50	1.1/8	5818	17455	20 / 7
5/16	515	1545	100 / 34	1.1/4	7011	21033	20 / 7
3/8	612	1835	100 / 34	1.3/8	9046	27137	20 / 7
7/16	790	2370	100 / 34	1.1/2	10851	32553	20 / 7
1/2	996	2988	100 / 34	1.5/8	12718	38155	10 / 4
9/16	1446	4339	100 / 34	1.3/4	14878	44635	10 / 4
5/8	1446	4339	100 / 34	2	21327	63982	10 / 4
11/16	2457	7372	35 / 12	2.1/4	31874	95623	5 / 2
3/4	2457	7372	35 / 12	2.1/2	41833	125498	5 / 2
13/16	2899	8698	35 / 12	2.3/4	52203	156610	3 / 1
7/8	3334	10003	35 / 12	3	70056	210167	3 / 1

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

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

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

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

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

BS 949-1979

ZONE - 3 TOL

Size Inch	Price Per Piece	MOQ (No.)	"Size Inch"	Price Per Piece	MOQ (No.)	Size Inch	Price Per Piece	MOQ (No.)
	(Rs.)			(Rs.)			(Rs.)	
1/4	938	50	5/8	3205	25	1.1/4	14863	15
5/16	1064	50	11/16	4370	20	1.3/8	18313	15
3/8	1304	50	3/4	5183	20	1.1/2	21970	15
7/16	1748	50	7/8	7014	20	1.3/4	30894	10
1/2	2177	25	1	9138	15	2	43629	10
9/16	3205	25	1.1/8	12325	15	-	-	-

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

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



HSS GROUND THREAD HAND TAPS

BSP (PARALLEL)

BS: 949 - 1951

BSP (TAPER) (RC-SERIES)

BS: 949 (PART 3) - 1982

NPT, NPS, NPSF & NPTF

BS: 949 - 1969

Size Inch	BSP (P)		NPS		NPSF		BSPT		NPT		NPTF		MOQ
	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Individual Taps / Sets
1/16									899	1799 **	899	1799	100 / 50
1/8	651	1301 *	771	1542	934	1869	864	1728 **	899	1799	1045	2090	100 / 50
1/4	1011	2022 *	1335	2670	1632	3263	1556	3112 **	1634	3268 **	1972	3944	100 / 50
3/8	1572	3145 *	1707	3415	2046	4093	2162	4325 **	2259	4517 **	2554	5104	100 / 50
1/2	2295	4591 *	2465	4929	2973	5946	3204	6408 **	3345	6693 **	3719	7438	50 / 25
5/8	2604	5209 **											50 / 25
3/4	3874	7748 *	4116	8232	4912	9823	5402	10803	5638	11276 **	6073	12146	25 / 13
7/8	4813	9626											25 / 13
1	6117	12234 **	6935	13870	8301	16602	8397	16793 **	8802	17604 **	9447	18894	25 / 13
1.1/4	9184	18368 **	10717	21435			12017	24034 **	12593	25186 **	13918	27836	15 / 8
1.1/2	11444	22888 **	13372	26743			14899	29799 **	15596	31193 **			15 / 8
1.3/4	17559	35119											15 / 8
2	20554	41109 **	23902	47803			26894	53788	28171	56342 **			10 / 5
2.1/4	35548	71096											5 / 3
2.1/2	50942	101884					78955	157910	82701	165401			5 / 3
2.3/4	57252	114503											5 / 3
3	64540	129080					102914	205829	107819	215638			5 / 3
3.1/2	84804	169609					135274	270549	141659	283318			5 / 3
4	106712	213424					170038	340077	178122	356245			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.)			Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	
	(Rs.)	(Rs.)			(Rs.)	(Rs.)	
1/2"	2246	6739	50 / 25	1-1/4"	10913	32739	20 / 10
5/8"	2936	8809	50 / 25	1-1/2"	18431	55293	15 / 8
3/4"	4695	14084	25 / 13	2"	17553	52660	10 / 5
1"	6826	20478	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	511	1534	100 / 34	9/16	26	2020	6059	100 / 34
5/16	26	623	1869	100 / 34	9/16	26LH	2020	6059	100 / 34
3/8	26	796 **	2389	100 / 34	1	24	4213	12640	25 / 13
7/16	26	1020	3060	100 / 34	1.37	24.00	8832	26496	15 / 8
1/2	26	1247	3742	100 / 34	1.37	24 LH	8832	26496	15 / 8

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



Tool Bits



HSS TOOL HOLDER BITS

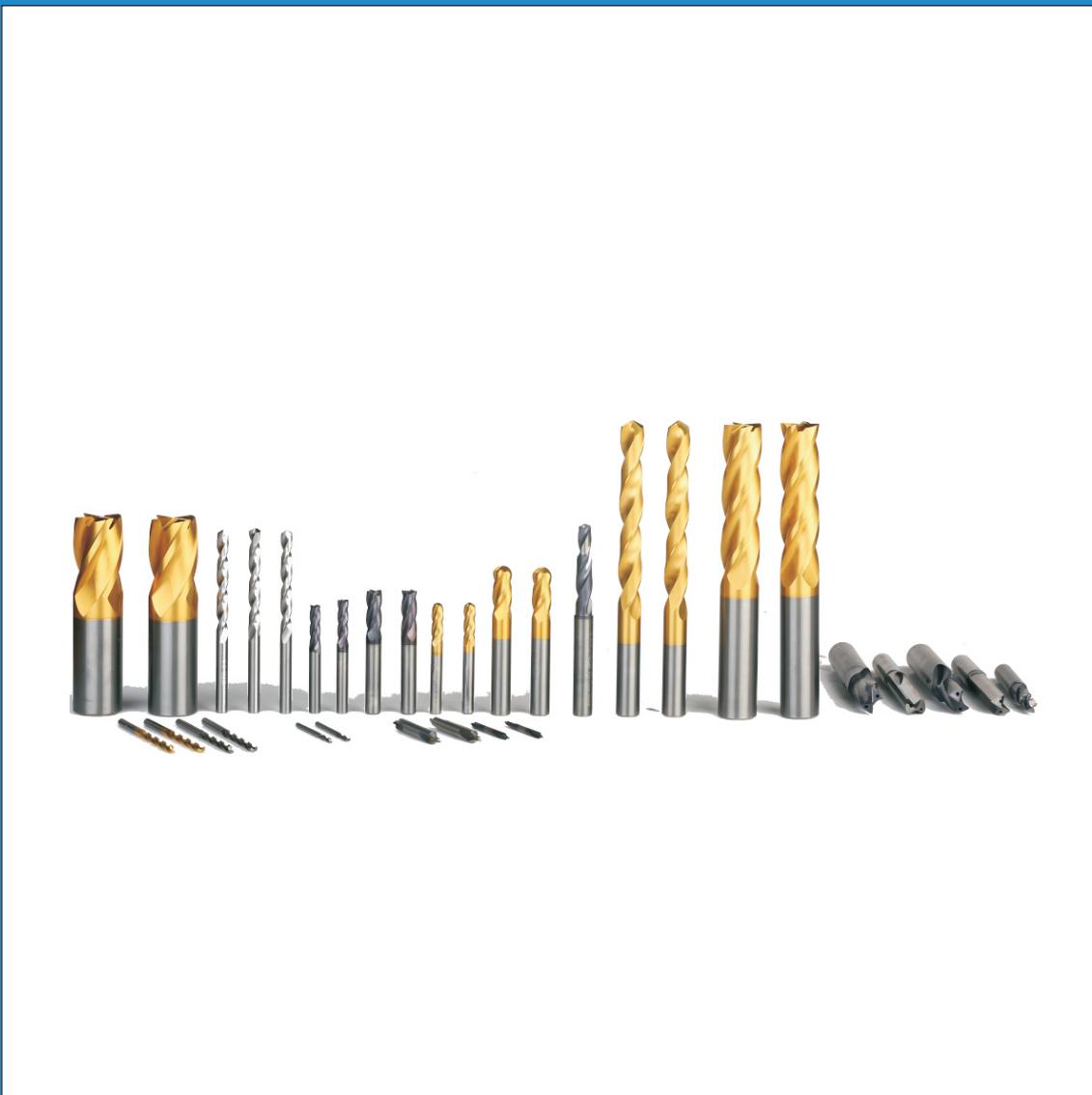
SQUARE / ROUND

Size		Price Per Piece (Rs.)					MOQ (No.)
Inch	mm	M 2	M 35	M 42	T 42	T 42 - C	
3/16 x 3	5 x 75	150	284	372	391	406	50
3/16 x 4	5 x 100	200	417	543	569	597	50
3/16 x 6	5 x 150	308	757	1160	1225	1253	50
1/4 x 3	6 x 75	174 **	360	497	523	551	50
1/4 x 4	6 x 100	206 **	492	661	700 **	726	50
1/4 x 6	6 x 150	292 **	800	1082	1142 **	1180	50
1/4 x 8	6 x 200	420	1324	1837	1934	2025	50
5/16 x 3	8 x 75	191 **	470	644	677 **	721	50
5/16 x 4	8 x 100	251 **	648	879	924 **	982	50
5/16 x 6	8 x 150	413	1035	1416	1484 **	1580	50
5/16 x 8	8 x 200	525 **	1475	1999	2105	2246	50
3/8 x 3	—	245 *	548	759	804 **	858	50
3/8 x 4	—	455 *	732	1007	1062 **	1146	50
3/8 x 6	—	455 *	1159	1619	1702 **	1812	50
3/8 x 8	—	624 *	1646	2299	2420 **	2576 **	50
3/8 x 10	—	800	2182	3045	3204	3411	50
—	10 x 75	266	597	829	872	932	50
—	10 x 100	319	800	1116	1171	1252	50
—	10 x 150	495	1252	1747	1835	1948	50
—	10 x 200	689	1763	2455	2584	2749	50
—	10 x 250	875	2330	3248	3410	3627	50
1/2 x 3	12 x 75	360 **	865	1240	1309	1361	50
1/2 x 4	12 x 100	455 *	1159	1619	1705 *	1822	50
1/2 x 6	12 x 150	698 *	1781	2543	2682 *	2803	50
1/2 x 8	12 x 200	920 *	2494	3553	3737 *	3906 **	50
1/2 x 10	12 x 250	1396	3491	4889	5148	5457	50
5/8 x 4	16 x 100	725 **	1911	2729	2871 **	2988	50
5/8 x 6	16 x 150	1068 **	2871	3999	4207 **	4478	50
5/8 x 8	16 x 200	1444	3923	5604	5904 **	6131	50
3/4 x 4	—	1002	2657	3750	3948	4159	50
3/4 x 6	—	1464 **	3979	5502	5794 **	6233	50
3/4 x 8	—	2004	5336	7544	7936	8360	50
—	20 x 100	1095	2895	4092	4307	4526	50
—	20 x 150	1596	4334	6131	6453	6794	50
—	20 x 200	2181	5779	8178	8613	9058	50
1 x 6	25 x 150	2471	6612	9238	9723 **	10327	50
1 x 8	25 x 200	3360 *	8816	12316	12959 **	13781	50



XENONROUNDTOOL BLANKS

Size (in Inch)	Price Per Ten No.	MOQ(No.)	Dia Sizes (in mm)	Price Per Ten No.	MOQ(No.)
7/64 x 3"	385		3	286	
1/8" x 3"	440		3.1	375	
9/64 x 3"	440		3.2	385	
5/32 x 3"	605		3.5	385	
11/34 x 3"	703		4	572	
3/16 x 3"	968		4.2	682	
13/64 x 3"	981		4.5	903	
7/32 x 3"	981		5	990	
1/4 x 3"	1003		5.2	990	
17/64 x 3"	1101		5.5	1057	
9/32 x 3"	1515		6	1177 ^(R)	
19/64" x 3"	1515		6.5	1657	
5/16" x 3"	1657		6.8	1657	
21/64" x 3"	1831		6.9	1809	
11/32 x 3"	1907		7	1907	
23/64 x 3"	1907		7.2	2267	
3/8 x 3"	2071		7.5	2745	
25/64 x 3"	2233		8	2932	
13/32 x 3"	2616		8.5	3019	
27/64 x 3"	2790		8.9	2932	
7/16 x 3"	2790		9	2932	
15/32 x 3"	2790		9.1	3019	
1/2 x 3"	3531		9.5	3019	
			10	3836	



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		968 **	–	25		31/64	2057	3472	25
	1/8	968	–	25		1/2	2057 **	3472 **	25
3.5		999	–	25	13.0		2057 **	3472	25
	9/64	999	–	25		17/32	2221	3974	25
	5/32	1002	–	25	14.0		2434 **	3974 **	20
4.0		1002 **	–	25		9/16	2434	3974	20
	11/64	1002	–	25	15.0		2727	4220	20
4.5		1002 **	–	25		19/32	2727	4220	20
	3/16	1093 **	–	25		5/8	3141	4565	20
5.0		1093 **	–	25	16.0		3141 **	4565 **	20
	13/64	1093	–	25		21/32	3303	4912	20
5.5		1108 **	–	25	17.0		3303	4912 **	20
	7/32	1108	–	25		11/16	3303	4912	20
	15/64	1167	–	25	18.0		3633 **	5338 **	20
6.0		1167 **	–	25		23/32	3633	5338	20
	1/4	1186 **	–	25	19.0		4145	5708	20
6.5		1186	–	25		3/4	4145	6566	20
	17/64	1209	–	25		25/32	4700	6566	20
7.0		1283 *	–	25	20.0		4700	6566 **	20
	9/32	1283	–	25		13/16		6800	20
7.5		1315 **	–	25	21.0			6800 **	20
	19/64	1315	–	25		27/32		6800	20
	5/16	1315 **	–	25	22.0			7124 **	20
8.0		1315 **	–	25		7/8		7124	20
	21/64	1357	–	25	23.0			7522	20
8.5		1357 **	–	25		29/32		7522	20
	11/32	1402	–	25		15/16		7896	20
9		1402 **	–	25	24.0			7896	20
	23/64	1497	–	25		31/32		8185	20
9.5		1497	–	25	25.0			8185	20
	3/8	1506	2615	25		1		10056 **	20
	25/64	1506	2615	25	26.0			10056	15
10.0		1506 **	2615 **	25		1.1/32		10056	15
	13/32	1632	2923	25		1.1/16		10385	15
10.5		1632 **	2923	25	27.0			10385	15
	27/64	1653	2923	25		1.3/32		10933	15
11.0		1653 **	2923	25	28.0			10933	15
	7/16	1716	3195	25		1.1/8		11345	15
11.5		1716	3195	25	29.0			11345	15
	29/64	1716	3195	25		1.5/32		11345	15
	15/32	1852	3195	25	30.0			11676	15
12.0		1852 **	3195 **	25		1.3/16		11676	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**

Dia (mm)	Dia (Inch)	Size			Price Per Piece (Rs.)	MOQ (No.)
		FL (mm)	OAL (mm)	MT No.		
3		20	110	1	2615	25
	1/8	25	115	1	2615	25
3.5	9/64	25	115	1	2615	25
4	5/32	25	115	1	2615	25
4.5	11/64	28	118	1	2615	25
5	3/16	28	118	1	2615	25
5.5	13/64	32	122	1	2615	25
	7/32	32	122	1	2615	25
6	15/64	32	122	1	2615	25
	1/4	32	122	1	2615	25
6.5		32	122	1	2615	25
	17/64	40	130	1	2615	25
	9/32	40	130	1	2615	25
7.5	19/64	40	130	1	2615	25
8	5/16	40	130	1	2615	25
8.5	21/64	50	140	1	2615	25
9	11/32	50	140	1	2615	25
	23/64	50	140	1	2615	25
9.5	3/8	50	140	1	2615	25
	25/64	50	140	1	2615	25
31	1.7/32	125	275	4	12704	15
32	1.1/4	125	275	4	13248	15
33		125	275	4	13848	15
34	1.5/16	125	275	4	14330	15
35	1.3/8	125	275	4	14738	15
36		125	275	4	15222	15
37	1.7/16	125	275	4	14671	15
38	1.1/2	125	275	4	16184	15
39		125	275	4	16488	10
40	1.9/16	125	275	4	16827	10
41		125	275	4	17210	10
42	1.5/8	125	275	4	17698	10
43	1.11/16	125	275	4	18189	10
44		125	275	4	18663	10
45	1.3/4	125	275	4	19128	10
46	1.13/16	125	275	4	19704	10
47		125	275	4	19704	10
48	1.7/8	125	275	4	19994	10
49	1.15/16	125	275	4	20343	10
50		125	275	4	20679	10
	2	125	275	4	21041	10



**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		5116	20		3/8	5485	20
	1/4	5116	20	10.0		5485 **	20
7.0		5116	20		13/32	5485	20
	9/32	5116	20	11.0		5485	20
	5/16	4764	20		7/16	5485	20
8.0		4764	20		15/32	6043	20
	11/32	4764	20	12.0		6043	20
9.0		4764	20		1/2	6043	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		5116	20		11/16	7195	10
	1/4	5116	20	18.0		7195	10
7.0		5116	20		23/32	7195	10
	9/32	5116	20	19.0		7195	10
	5/16	4764	20		3/4	7195	10
8.0		4764	20		25/32	7195	10
	11/32	4764	20	20.0		7195	10
9.0		4764	20		13/16	7195	10
	3/8	5485	20	21.0		8005	10
10.0		5485 **	20		27/32	8005	10
	13/32	5485	20	22.0		8005	10
11.0		5485	20		7/8	8005	10
	7/16	5485	20	23.0		8005	10
	15/32	6043	20		29/32	8121	10
12.0		6043	20	24.0		10289	10
	1/2	6043	20	25.0		10289	10
13.0		6043	20		1	10289	10
	17/32	6342	20	26.0		10289	10
14.0		6342	10	27.0		10484	10
	9/16	6342	10	28.0		10484	10
15.0		6342	10	29.0		10484	10
	19/32	7195	10	30.0		10569	10
	5/8	7195	10			10569	10
16.0		7195	10	31.0		10569	10
	21/32	7195	10	32.0		10569	10
17.0		7195	10				

Why Choose Addison's Solid Carbide Tools?

Precision and Performance : Engineered for optimal accuracy, even under extreme machining conditions.

Durability : High resistance to wear and breakage, ensuring consistent performance over extended use.

Cost-Efficiency : Designed to enhance productivity while reducing tool replacement costs.

Customization : We offer specialized solutions tailored to meet your unique application needs.

Our commitment to quality and innovation makes Addison a trusted partner in achieving machining excellence.



Addison & Co., Ltd.

(A Member of the Amalgamations Group)

1800 3090 112

info@addison.co.in

addison.co.in