



CERTIFICATE : 44 104 080422



CERTIFICATE : 04 100 970422/01-E3

Addison & Co., Ltd.

(A Member of the Amalgamations Group)

Addison & Co. Ltd., (a unit Company of Amalgamations Group) established in 1873, is India's largest manufacturer of High Speed Steel Metal Cutting Tools. The Company's current range of products include Twist Drills, Centre Drills, Counterbores, Countersinks, End Mills, Reamers, Milling Cutters, Taps and Broaches, besides Multipoint Carbide Tipped Tools and Solid Carbide End Mills & Drills for advanced applications and quality Machine Tools and accessories for allied Industries. Addison is also a major supplier of machined and unmachined Castings to various customers.

Distribution is done through the country-wide network of authorised dealers.

Addison is today the largest exporter of High Speed Steel Metal Cutting Tools in India with exports reaching the sophisticated markets of USA, Canada, Japan, Europe including Germany, France, Denmark, Sweden and other markets which include countries from Latin America, South-east Asia, Middle-East and Africa. Addison, an ISO-9001 - 2008 & 14001 accredited Company, manufactures a wide range of precision engineering products at its plants located in Chennai. The state-of-the-art manufacturing technology, well-equipped metallurgical lab, Tool Tech. Centre (R & D), CNC Machines and Total Quality Control have put ADDISON Metal Cutting Tools on par with the best brands of cutting tools in the world.

At the Tool Works of Addison, we have just one policy - to be precise and to build tools which are highest in quality and length of effective service.

The High Speed Steel used is of the highest quality, procured from West Europe, Japan and India.

This Price List pertains to tools made out of High Speed Steel and Multi Point Carbide Tipped tools.



(A Member of the Amalgamations Group)

Regd office :

803, Anna Salai, Post Box No. 308, Chennai - 600 002. India.

Telephone : 044-3027 7037

Fax 044- 3027 7020

Works :

F65B, "SIPCOT" Industrial Park, Irungattukottai
Sriperumpudhur Taluk, Kanchipuram District.

Pin Code – 602 117

Phone : 044-3718 0030 & 044-3718 0035, Fax : 044-3718 0028

E-Mail : customersupport@addison.co.in
marketing@addison.co.in

TERMS OF SUPPLY

Prices given in this Price-List are at the Retail level inclusive of GST (CGST, SGST or IGST as may be applicable) However in our Invoice the prices and applicable taxes shown separately.

The prices are for delivery F.O.R. Destination.

The prices are based on the present cost of labour and raw materials and are subject to revision without notice.

This supersedes all our previous price lists.

M.O.Q. – The Minimum Ordering Quantities specified are for Each Size/Length/Bore and applicable only for the types and sizes listed in this Price-List.

The prices quoted in this Price-List are the maximum resale prices and the Dealers / Stockist are free to sell the goods at prices lower than these prices fixed by the company.

SPECIAL NOTES

We can manufacture and supply the following Special tools, subject to ordering for minimum batch quantities which can be furnished on request.

I. HSS TWIST DRILLS

- 1) For unlisted intermediate sizes, the higher price of the nearest listed size will apply.
- 2) Quick Spiral/Slow Spiral Drills :

For Parallel Shank Twist Drills – Jobber Series, Stub Series & Long Series and Taper Shank Twist Drills, we can supply Quick Spiral/Slow Spiral Drills.

1.0 mm to 3.17 mm (1/8") – 50% extra
Above 3.17 mm (1/8") – 25% extra

- 3) Left Hand Drills :

Left Hand Drills can also be supplied as below :

Parallel Shank Twist Drills :

Jobber Series :

3.0 mm and above – 35% extra

Stub & Long Series

3.0 mm and above – 25% extra

Taper Shank Twist Drills – 25% extra

Taper Shank Core Drills – 25% extra

- 4) Oversize Taper Shank Twist Drills to IS: 5104 can be supplied at 10% extra on Standard Price.
- 5) Quick Spiral/Slow Spiral Extra Long in Parallel Shank and Taper Shank can be supplied at 25% extra on Standard Prices.
- 6) Taper Shank Twist Drills above 80.0 mm will be made of single piece construction.

II. HSS MILLING CUTTERS

- 1) For Convex Cutters, Concave Cutters, Single Corner Rounding Cutters, We have switched over the manufacture to current ISS-IS 6323/1982, IS 6322/1982 and IS 6314/1982. We also manufacture & supply these cutters as per old ISS-IS 6323/1971, IS 6322/1971 & IS 6314/1971, for which full dimensions & prices are also given herein.
- 2) For unlisted intermediate sizes, the higher price of the nearest listed size will apply.

III. HSS END MILLS

LONG SERIES END MILLS CAN BE SUPPLIED AT 30% EXTRA OVER THE STANDARD PRICE AND THE MOQ WILL BE :

M.O.Q. For sizes

Upto 13 mm	–	100 Nos. each
14 mm to 16 mm	–	50 Nos. each
17 mm to 22 mm	–	25 Nos. each
Above 22 mm	–	10 Nos. each

IV. HSS REAMERS

- 1) Reamers with H7 Tolerance can be supplied at the same rates.
- 2) For unlisted intermediate sizes, the higher price of the nearest listed size will apply.

V. HSS SCREWING TAPS

- 1) The following items of Taps can also be supplied at prices indicated, for which MOQ details can be had on request :
 - a) LH Taps – 25% extra on Standard prices.
 - b) Part 3 designed Taps for sizes upto & including 10 mm – 15% extra on standard prices.
 - c) Serial Taps – Standard prices.

VI. NON-STANDARD

Tools of non-standard or near standard types with special dimensions or special tolerances not listed in this price-list or with tool types other than those mentioned herein can be supplied at special rates, full details of which may be obtained from us on application.

VII. FOR SOLID CARBIDE DRILLS / END MILLS REFER OUR PRICE LIST SC 40.

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**HSS PARALLEL SHANK TWIST DRILLS
JOBBER SERIES**

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

Size		Price Per 10 Nos. Rs.	Size		Price Per 10 Nos. Rs.	Size		Price Per 10 Nos. Rs.
mm	WG / LG Inch		mm	WG / LG Inch		mm	WG / LG Inch	
0.3		2865	2.80		470	(5.16)	13/64	1420
0.4		2865	(2.82)	34	470	(5.18)	6	1420
0.5		2865	(2.87)	33	470	5.20		1420
0.6		2865	2.90		470	(5.22)	5	1530
0.7		1636	(2.95)	32	470	5.30		1530
0.8		1636	3.00		470	(5.31)	4	1530
0.9		1636	(3.05)	31	560	5.40		1530
1.0		400	3.10		560	(5.41)	3	1530
(1.02)	60	400	(3.17)	1/8	560	5.50		1530
(1.04)	59	400	3.20		580	(5.56)	7/32	1530
(1.07)	58	400	(3.26)	30	580	5.60		1530
(1.09)	57	400	3.30		580	(5.61)	2	1720
1.10		400	3.40		580	5.70		1720
(1.18)	56	400	(3.45)	29	580	(5.79)	1	1720
(1.19)	3/64	400	3.50		580	5.80		1720
1.20		400	(3.57)	28	580	5.90		1720
1.30		400	(3.57)	9/64	580	(5.94)	A	1720
(1.32)	55	400	3.60		820	(5.95)	15/64	1720
1.40	54	400	(3.66)	27	820	6.00		1720
1.50		400	3.70		820	(6.04)	B	1870
(1.51)	53	400	(3.73)	26	820	6.10		1870
(1.59)	1/16	400	(3.80)	25	820	(6.15)	C	1870
1.60		400	3.80		820	6.20		1870
(1.61)	52	430	(3.86)	24	820	(6.25)	D	1870
1.70		430	3.90		820	6.30		1870
(1.70)	51	430	(3.91)	23	820	(6.35)	1/4	1870
(1.78)	50	430	(3.97)	5/32	820	6.40		1870
1.80		430	(3.99)	22	820	6.50		2390
(1.85)	49	430	4.00		820	(6.53)	F	2390
1.90		430	(4.04)	21	1000	6.60		2390
(1.93)	48	430	(4.09)	20	1000	(6.63)	G	2390
(1.98)	5/64	430	4.10		1000	6.70		2390
(1.99)	47	430	4.20		1000	(6.75)	17/64	2390
2.00		430	(4.22)	19	1000	(6.75)	H	2390
(2.06)	46	430	4.30		1000	6.80		2390
(2.08)	45	430	(4.30)	18	1000	6.90		2620
2.10		430	(4.37)	11/64	1000	(6.90)	I	2620
(2.18)	44	430	(4.39)	17	1000	7.00		2620
2.20		430	4.40		1000	(7.03)	J	2620
(2.26)	43	430	(4.50)	16	1310	7.10		2620
2.30		430	4.50		1310			
(2.37)	42	430	(4.57)	15	1310			
(2.38)	3/32	430	4.60		1310			
2.40		430	(4.62)	14	1310			
(2.44)	41	430	4.70	13	1310			
(2.49)	40	430	(4.76)	3/16	1310			
2.50		430	4.80	12	1310			
(2.53)	39	430	(4.85)	11	1420			
(2.58)	38	430	4.90		1420			
2.60		430	(4.92)	10	1420			
(2.64)	37	430	(4.98)	9	1420			
2.70		430	5.00		1420			
(2.71)	36	430	(5.06)	8	1420			
(2.78)	7/64	430	5.10		1420			
(2.79)	35	470	(5.11)	7	1420			

**HSS PARALLEL SHANK TWIST DRILLS
JOBBER SERIES**

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

Size			Price Per 10 Nos. Rs.	Size			Price Per 10 Nos. Rs.	Size			Price Per 10 Nos. Rs.
mm	Inch	WG / LG		mm	Inch	WG / LG		mm	Inch	WG / LG	
(7.14)		K	2620	10.00			5540	13.80			11860
(7.14)	9/32		2620	(10.08)		X	5540	(13.89)	35/64		12870
7.20			2620	10.10			5540	13.90			12870
7.30			2760	10.20			5540	14.00			12870
(7.37)		L	2760	(10.26)		Y	6010	14.25			12870
(7.40)			2760	10.30			6010	(14.29)	9/16		13500
(7.49)		M	2760	(10.32)	13/32		6010	14.50			13500
7.50			2760	10.40			6010	(14.68)	37/64		14550
(7.54)	19/64		2990	(10.49)		Z	6010	14.75			14550
7.60			2990	10.50			6010	15.00			14550
(7.67)		N	2990	10.60			6010	(15.08)	19/32		14550
7.70			2990	10.70			6360	15.25			14550
7.80			2990	(10.72)	27/64		6360	(15.48)	39/64		15770
7.90			2990	10.80			6360	15.50			15770
(7.94)	5/16		3280	10.90			6360	15.75			15770
8.00			3280	11.00			6360	(15.87)	5/8		15770
(8.03)		O	3280	11.10			7100	16.00			15770
8.10			3280	(11.11)	7/16		7100	16.50			16280
8.20			3280	11.20			7100	(16.67)	21/32		16280
(8.20)		P	3280	11.30			7100	17.00			16680
8.30			3980	11.40			7100	(17.46)	11/16		16680
(8.33)	21/64		3980	11.50			7490	17.50			17710
8.40			3980	(11.51)	29/64		7490	18.00			18040
(8.43)		Q	3980	11.60			7490	(18.26)	23/32		18040
8.50			3980	11.70			7490	18.50			18900
8.60			3980	11.80			7490	19.00			19090
(8.61)		R	3980	11.90			8000	(19.05)	3/4		19090
8.70			3980	(11.91)	15/32		8000	19.50			21470
(8.73)	11/32		4190	12.00			8000	(19.84)	25/32		21470
8.80			4190	12.10			8000	20.00			22800
(8.84)		S	4190	12.20			8000	(20.64)	13/16		22800
8.90			4190	12.30			8490	(21.43)	27/32		24250
9.00			4190	(12.30)	31/64		8490	(22.22)	7/8		24250
(9.09)		T	4370	12.40			8490				
9.10			4370	12.50			8490				
(9.13)	23/64		4370	12.60			8490				
9.20			4370	(12.70)	1/2		8960				
9.30			4370	12.80			8960				
(9.34)		U	4370	12.90			8960				
9.40			4370	13.00			8960				
9.50			4370	(13.10)	33/64		11140				
(9.52)	3/8		4950	13.10			11140				
(9.58)		V	4950	13.20			11140				
9.60			4950	13.30			11140				
9.70			4950	13.40			11140				
9.80			4950	(13.49)	17/32		11860				
(9.80)		W	4950	13.50			11860				
9.90			5540	13.60			11860				
(9.92)	25/64		5540	13.70			11860				

**MOQ : 0.3 mm to 5 mm – 200 Nos.
5.1 mm to 10.6 mm – 100 Nos
10.7 mm to 13 mm – 50 Nos
over 13 mm – 20 Nos each**

Ground Drills can be supplied upto 13mm at Standard Prices

Set Price

1.0mm to 13.0mm in steps of 0.5mm

25 pcs Set with Metal Box - Rs.9558

25 pcs Set with Telescopic Box - Rs.8394

1.0mm to 13.0mm in steps of 1.0mm

13 pcs Set with Telescopic Box - Rs.4421

**HSS PARALLEL SHANK TWIST DRILLS
STUB SERIES**

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

Size		Price Per 10 Nos. Rs.	Size		Price Per 10 Nos. Rs.	Size		Price Per 10 Nos. Rs.
mm	Inch		mm	Inch		mm	Inch	
3.00		470	(10.72)	27/64	6140	19.75		15000
(3.17)	1/8	550	10.80		6140	(19.84)	25/32	15000
3.20		570	11.00		6140	20.00		15260
3.50		570	(11.11)	7/16	6400	20.25		15570
(3.57)	9/64	570	11.20		6400	20.50		15570
3.80		790	11.50		6840	(20.64)	13/16	15570
(3.97)	5/32	790	(11.51)	29/64	6840	20.75		16200
4.00		790	11.80		6840	21.00		16200
4.20		880	(11.91)	15/32	7240	21.25		16400
(4.37)	11/64	880	12.00		7240	(21.43)	27/32	16400
4.50		1170	12.20		7240	21.50		16950
(4.76)	3/16	1170	(12.3)	31/64	7870	21.75		17170
4.80		1170	12.50		7870	22.00		17170
5.00		1240	(12.70)	1/2	8040	(22.22)	7/8	17170
(5.16)	13/64	1240	12.80		8040	22.25		18260
5.20		1240	13.00		8040	22.50		18260
5.50		1350	13.20		9410	22.75		18510
(5.56)	7/32	1350	(13.49)	17/32	9410	23.00		18510
5.80		1520	13.50		10030	(23.02)	29/32	18510
(5.95)	15/64	1520	13.80		10030	23.25		19580
6.00		1520	14.00		10920	23.50		19580
6.20		1700	14.25		10920	23.75		19580
(6.35)	1/4	1700	(14.29)	9/16	10920	(23.81)	15/16	19580
6.50		2090	14.50		11370	24.00		21660
(6.75)	17/64	2090	14.75		12300	24.25		21660
6.80		2090	15.00		12300	24.50		21660
7.00		2290	(15.08)	19/32	12300	(24.61)	31/32	21660
(7.14)	9/32	2290	15.25		12300	24.75		23760
7.20		2290	15.50		13310	25.00		23760
7.50		2380	15.75		13310	25.25		23880
(7.54)	19/64	2620	(15.87)	5/8	13310	(25.40)	1	23880
7.80		2620	16.00		13310	25.50		26950
7.94	5/16	2880	16.25		13530	26.00		26950
8.00		2880	16.50		13530	(26.19)	1.1/32	27570
8.20		2880	(16.67)	21/32	13530	26.50		27570
(8.33)	21/64	3600	16.75		13800	(26.99)	1.1/16	27890
8.50		3600	17.00		13800	27.00		29390
(8.73)	11/32	3750	17.25		14050	27.50		29390
8.80		3750	(17.46)	11/16	14050	(27.78)	1.3/32	31100
9.00		3750	17.50		14050	28.00		31100
(9.13)	23/64	3960	17.75		14240	28.50		31340
9.20		3960	18.00		14240	(28.57)	1.1/8	31340
9.50		3960	18.25		14490	29.00		32890
(9.52)	3/8	4140	(18.26)	23/32	14490	(29.37)	1.5/32	36210
9.80		4140	18.50		14490	29.50		36210
(9.92)	25/64	5070	18.75		14750	30.00		36690
10.00		5070	19.00		14750	(30.16)	1.3/16	36690
10.20		5070	(19.05)	3/4	14750	30.50		41290
(10.32)	13/32	5450	19.25		15000	(30.96)	1.7/32	41290
10.50		5450	19.50		15000	31.00		41290

**HSS PARALLEL SHANK TWIST DRILLS
STUB SERIES**

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

Size		Price Per 10 Nos. Rs.	Size		Price Per 10 Nos. Rs.	Size		Price Per 10 Nos. Rs.
mm	Inch		mm	Inch		mm	Inch	
31.50		41910	(34.92)	1.3/8	50970	(38.10)	1.1/2	62020
(31.75)	1.1/4	41910	35.00		56050	38.50		69250
32.00		42810	35.50		56850	39.00		69250
32.50		44150	(35.72)	1.13/32	56850	39.50		70450
(32.54)	1.9/32	44150	36.00		56850	40.00		70450
33.00		44150	36.50		56850			
(33.34)	1.5/16	44150	(36.51)	1.7/16	56850			
33.50		46440	37.00		61100			
34.00		46440	(37.31)	1.15/32	62020			
(34.13)	1.11/32	50970	37.50		62020			
34.50		50970	38.00		62020			

M.O.Q. – For sizes :

Upto 5 mm	– 200 Nos. each	10.7 mm to 23 mm	– 50 Nos. each
5.1 to 10.6 mm	– 100 Nos. each	Above 23 mm to 31.5 mm	– 25 Nos. each
Above 31.5 mm	– 10 Nos. each		

**HSS PARALLEL SHANK TWIST DRILLS
LONG SERIES**

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

Size		Price Each Rs.	Size		Price Each Rs.	Size		Price Each Rs.
mm	Inch		mm	Inch		mm	Inch	
1.00		247	3.50	316	7.80		876	
1.10		247	(3.57)	9/64	316	(7.94)	5/16	903
(1.19)	3/64	247	3.80		340	8.00		903
1.20		247	(3.97)	5/32	340	8.20		903
1.30		247	4.00		340	(8.33)	21/64	903
1.40		247	4.20		340	8.50		910
1.50		247	(4.37)	11/64	340	(8.73)	11/32	956
(1.59)	1/16	247	4.50		340	8.80		1156
1.60		247	(4.76)	3/16	340	9.00		1005
1.70		247	4.80		340	(9.13)	23/64	1136
1.80		247	5.00		401	9.20		1156
1.90		247	(5.16)	13/64	401	9.50		1005
(1.98)	5/64	247	5.20		401	(9.52)	3/8	1005
2.00		247	5.50		460	9.80		1162
2.10		247	(5.56)	7/32	460	(9.92)	25/64	1162
2.20		247	5.80		501	10.00		1052
2.30		313	(5.95)	15/64	501	10.20		1162
(2.38)	3/32	313	6.00		501	(10.32)	13/32	1052
2.40		313	6.20		570	10.50		1262
2.50		313	(6.35)	1/4	520			
2.60		313	6.50		727			
2.70		313	(6.75)	17/64	876			
(2.78)	7/64	313	6.80		876			
2.80		313	7.00		876			
2.90		313	(7.14)	9/32	876			
3.00		316	7.20		876			
(3.17)	1/8	316	7.50		876			
3.20		316	(7.54)	19/64	876			

**HSS PARALLEL SHANK TWIST DRILLS
LONG SERIES**

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

Size		Price Per 10 Nos. Rs.	Size		Price Per 10 Nos. Rs.	Size		Price Per 10 Nos. Rs.
mm	Inch		mm	Inch		mm	Inch	
(10.72)	27/64	1434	16.25		2389	21.75		3629
10.8		1434	(16.27)	41/64	2657	(21.83)	55/64	3880
11.0		1321	16.5		2433	22.0		3629
(11.11)	7/16	1321	(16.67)	21/32	2433	(22.22)	7/8	3629
11.2		1535	16.75		2492	22.25		3928
11.5		1359	17.0		2492	22.5		3928
(11.51)	29/64	1535	(17.07)	43/64	2708	(22.62)	57/64	4196
11.8		1535	17.25		2492	22.75		4017
(11.91)	15/32	1359	(17.46)	11/16	2492	23.0		4017
12.0		1400	17.5		2657	(23.02)	29/32	4017
12.2		1561	17.75		2657	23.25		4071
(12.30)	31/64	1561	(17.86)	45/64	2938	(23.42)	59/64	4797
12.5		1400	18.0		2708	23.5		4456
(12.70)	1/2	1400	18.25		2708	23.75		4456
12.8		2144	(18.26)	23/32	2708	(23.81)	15/16	4456
13.0		1944	18.5		2820	24.0		4645
(13.10)	33/64	2160	(18.65)	47/64	2843	(24.21)	61/64	5070
13.2		2160	18.75		2872	24.25		4645
(13.49)	17/32	1981	19.0		2872	24.5		4645
13.5		2160	(19.05)	3/4	2872	(24.61)	31/32	4645
13.8		2351	19.25		3036	24.75		4980
(13.89)	35/64	2351	(19.45)	49/64	3316	25.0	63/64	4980
14.0		2160	19.5		3036	(25.40)	1	5045
14.25		2160	19.75		3036			
(14.29)	9/16	2160	(19.84)	25/32	3036			
14.5		2264	20.0		3221			
(14.68)	37/64	2492	(20.24)	51/64	3420			
14.75		2264	20.25		3221			
15.0		2264	20.5		3221			
(15.08)	19/32	2264	(20.64)	13/16	3221			
15.25		2351	20.75		3316			
(15.48)	39/64	2568	21.0		3316			
15.5		2351	(21.03)	53/64	3629			
15.75		2351	21.25		3420			
(15.87)	5/8	2351	(21.43)	27/32	3420			
16.0		2389	21.5		3629			

M.O.Q. – For sizes :
Upto 9.5 mm – 50 Nos. each
above 9.5 mm – 25 Nos. each

HSS TAPER SHANK TWIST DRILLS

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

Size		Price Each Rs.	Size		Price Each Rs.	Size		Price Each Rs.
mm	Inch		mm	Inch		mm	Inch	
3.00		389	11.50		1209	(19.84)	25/32	2777
(3.17)	1/8	389	(11.51)	29/64	1209	20.00		2986
3.20		406	11.80		1209	(20.24)	51/64	3022
3.50		389	(11.91)	15/32	1209	20.25		3022
(3.57)	9/64	406	12.00		1221	20.50		3022
3.80		406	12.20		1221	(20.64)	13/16	3022
(3.97)	5/32	389	(12.30)	31/64	1221	20.75		3152
4.00		389	12.50		1221	21.00		3152
4.20		523	(12.70)	1/2	1221	(21.03)	53/64	3231
(4.37)	11/64	523	12.80		1697	21.25		3231
4.50		523	13.00		1697	(21.43)	27/32	3231
(4.76)	3/16	523	(13.10)	33/64	1771	21.50		3331
4.80		538	13.20		1771	21.75		3331
5.00		523	(13.49)	17/32	1771	(21.83)	55/64	3392
(5.16)	13/64	538	13.50		1897	22.00		3392
5.20		538	13.80		1897	(22.22)	7/8	3392
5.50		523	(13.89)	35/64	1897	22.25		3696
(5.56)	7/32	523	14.00		1897	22.50		3696
5.80		538	14.25		2038	(22.62)	57/64	3767
(5.95)	15/64	538	(14.29)	9/16	2038	22.75		3767
6.00		523	14.50		2119	23.00		3767
6.20		603	(14.68)	37/64	2119	(23.02)	29/32	3952
(6.35)	1/4	596	14.75		2119	23.25		4375
6.50		650	15.00		2119	(23.42)	59/64	4486
(6.75)	17/64	658	(15.08)	19/32	2119	23.50		4486
6.80		658	15.25		2148	23.75		4486
7.00		650	(15.48)	39/64	2148	(23.81)	15/16	4486
(7.14)	9/32	650	15.50		2148	24.00		4618
7.20		658	15.75		2148	(24.21)	61/64	4696
7.50		650	(15.87)	5/8	2148	24.25		4696
(7.54)	19/64	658	16.00		2212	24.50		4696
7.80		658	16.25		2212	(24.61)	31/32	4696
(7.94)	5/16	650	(16.27)	41/64	2212	24.75		4907
8.00		650	16.50		2350	25.00		4907
8.20		794	(16.67)	21/32	2350	(25.00)	63/64	4907
(8.33)	21/64	836	16.75		2350	25.25		4972
8.50		725	17.00		2389	(25.40)	1	4972
(8.73)	11/32	794	(17.07)	43/64	2389	25.50		5404
8.80		873	17.25		2389	25.75		5404
9.00		794	(17.46)	11/16	2389	(25.80)	1.1/64	5463
(9.13)	23/64	873	17.5		2479			
9.20		873	17.75		2515			
9.50		873	(17.86)	45/64	2612			
9.52)	3/8	794	18.00		2612			
9.80		937	18.25		2612			
(9.92)	25/64	937	(18.26)	23/32	2612			
10.00		847	18.50		2612			
10.20		952	(18.65)	47/64	2644			
(10.32)	13/32	920	18.75		2644			
10.50		1129	19.00		2644			
(10.72)	27/64	1170	(19.05)	3/4	2644			
10.80		1170	19.25		2777			
11.00		1170	(19.45)	49/64	2777			
(11.11)	7/16	1170	19.50		2777			
11.20		1209	19.75		2777			

HSS TAPER SHANK TWIST DRILLS

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

Size		Price Each Rs.	Size		Price Each Rs.	Size		Price Each Rs.
mm	Inch		mm	Inch		mm	Inch	
26.00		5463	(35.72)	1.13/32	13558	(48.02)	1.57/64	26353
(26.19)	1.1/32	5463	36.00		13757	(48.42)	1.29/32	26353
26.25		5853	(36.12)	1.27/64	14040	48.50		26547
26.50		5853	36.50		14040	(48.82)	1.59/64	26547
(26.59)	1.3/64	5988	(36.51)	1.7/16	14040	49.00		26547
26.75		5988	(36.91)	1.29/64	14040	(49.21)	1.15/16	26547
(26.99)	1.1/16	5988	37.00		14386	49.50		26832
27.00		6183	(37.31)	1.15/32	14386	(49.61)	1.61/64	26832
27.25		6183	37.50		15321	50.00		26832
(27.38)	1.5/64	6204	(37.70)	1.31/64	15561	(50.01)	1.31/32	27044
27.50		6204	38.00		15561	(50.40)	1.63/64	28259
27.75		6204	(38.10)	1.1/2	15561	50.50		28259
(27.78)	1.3/32	6204	(38.50)	1.33/64	16046	(50.80)	2	28259
28.00		6783	38.50		16046	51.00		38367
(28.18)	1.7/64	6803	(38.89)	1.17/32	16046	51.50		38367
28.25		6803	39.00		16993	(51.59)	2.1/32	38367
28.50		6803	(39.29)	1.35/64	16993	52.00		38367
(28.57)	1.1/8	6803	39.50		16993	(52.39)	2.1/16	38367
28.75		7009	(39.69)	1.9/16	16993	52.50		49934
(28.97)	1.9/64	7123	40.00		17431	53.00		49934
29.00		7123	(40.08)	1.37/64	17718	(53.18)	2.3/32	49934
29.25		7123	(40.48)	1.19/32	17718	53.50		49934
(29.37)	1.5/32	7123	40.50		18426	(53.97)	2.1/8	49934
29.50		7151	(40.88)	1.39/64	18426	54.00		49934
29.75		7151	41.00		18426	54.50		52455
(29.77)	1.11/64	7300	(41.27)	1.5/8	18426	(54.77)	2.5/32	52455
30.00		7300	41.50		19150	55.00		52455
(30.16)	1.3/16	7709	(41.67)	1.41/64	19150	55.50		52455
30.25		8301	42.00		19150	(55.56)	2.3/16	52455
30.50		8301	(42.07)	1.21/32	19150	56.00		54660
(30.56)	1.13/64	8435	(42.47)	1.43/64	19639	(56.36)	2.7/32	54660
30.75		8435	42.50		19639	56.50		54660
(30.96)	1.7/32	8435	(42.86)	1.11/16	19880	57.00		54660
31.00		9387	43.00		20347	(57.15)	2.1/4	54660
31.25		9387	(43.26)	1.45/64	20347	57.50		59652
(31.35)	1.15/64	9797	43.50		20347	(57.94)	2.9/32	59652
31.50		9797	(43.66)	1.23/32	20347	58.00		59652
(31.75)	1.1/4	9797	44.00		21066	58.50		59652
31.75		9797	(44.05)	1.47/64	21066			
32.00		10726	(44.45)	1.3/4	21066			
(32.15)	1.17/64	10726	44.50		21066			
32.50		10726	(44.85)	1.49/64	21560			
(32.54)	1.9/32	10726	45.00		21560			
(32.94)	1.19/64	10983	(45.24)	1.25/32	21560			
33.00		10983	45.50		22536			
(33.34)	1.5/16	10983	(45.64)	1.51/64	22536			
33.50		11360	46.00		22536			
(33.73)	1.21/64	11573	(46.04)	1.13/16	22536			
34.00		11573	(46.43)	1.53/64	23673			
(34.13)	1.11/32	12065	46.50		23673			
34.50		12676	(46.83)	1.27/32	23673			
(34.53)	1.23/64	12792	47.00		23673			
(34.92)	1.3/8	12792	(47.23)	1.55/64	24167			
35.00		12792	47.50		24167			
(35.32)	1.25/64	13558	(47.62)	1.7/8	24167			
35.50		13558	48.00		26353			

HSS TAPER SHANK TWIST DRILLS

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

Size		Price Each Rs.	Size		Price Each Rs.	Size		Price Each Rs.
mm	Inch		mm	Inch		mm	Inch	
(58.74)	2.5/16	59652	(72.23)	2.27/32	95863	90.00		200186
59.00		60791	72.50		95863	(90.49)	3.9/16	207652
59.50		60791	73.00		95863	91.00		207652
(59.53)	2.11/32	60791	(73.02)	2.7/8	95863	92.00		207652
60.00		60791	73.50		100955	(92.07)	3.5/8	214432
(60.32)	2.3/8	60791	(73.82)	2.29/32	102023	93.00		214432
60.50		64617	74.00		102023	(93.66)	3.11/16	222542
61.00		64617	74.50		102023	94.00		222542
(61.12)	2.13/32	64617	(74.61)	2.15/16	102023	95.00		222542
61.50		64617	75.00		103293	(95.25)	3.3/4	222542
(61.91)	2.7/16	64617	(75.41)	2.31/32	103293	96.00		229993
62.00		64617	75.50		103293	(96.84)	3.13/16	229993
62.50		64617	76.00		103293	97.00		229993
(62.71)	2.15/32	65705	(76.20)	3	103293	98.00		234061
63.00		65705	(76.99)	3.1/32	141309	(98.42)	3.7/8	237402
(63.50)	2.1/2	65705	77.00		141309	99.00		237402
64.00		72619	(77.79)	3.1/16	141309	100.00		237402
(64.29)	2.17/32	72619	78.00		141309	(100.01)	3.15/16	241469
64.50		72619	(78.58)	3.3/32	144127	101.00		240524
65.00		72619	79.00		144127	(101.60)	4	241469
(65.09)	2.9/16	72619	(79.37)	3.1/8	147953	102.00		241469
65.50		73160	80.00		147953			
(65.88)	2.19/32	73160	(80.17)	3.5/32	158249			
66.00		73160	(80.96)	3.3/16	158249			
66.50		73160	81.00		158249			
(66.67)	2.5/8	73160	(81.76)	3.7/32	162363			
67.00		74944	82.00		162363			
(67.47)	2.21/32	80448	(82.55)	3.1/4	162363			
67.50		80448	83.00		165716			
68.00		80448	(83.34)	3.9/32	165716			
(68.26)	2.11/16	80448	84.00		165716			
68.50		86304	(84.14)	3.5/16	168471			
69.00		87199	(84.93)	3.11/32	168471			
(69.05)	2.23/32	87199	85.00		168471			
69.50		87199	(85.72)	3.3/8	192167			
(69.85)	2.3/4	87199	86.00		192167			
70.00		87199	(86.52)	3.13/32	192167			
70.50		93033	87.00		192167			
(70.64)	2.25/32	94045	(87.31)	3.7/16	196185			
71.00		94045	88.00		196185			
(71.44)	2.13/16	94045	(88.11)	3.15/32	196185			
71.50		94045	(88.90)	3.1/2	196185			
72.00		95863	89.00		196185			

M.O.Q. - For sizes

3.0 to 9.95 mm	-	100 Nos. each
10.0 to 31.75 mm	-	50 Nos. each
above 31.75 to 36.0 mm	-	15 Nos. each
above 36.0 to 50.80 mm	-	10 Nos. each
above 50.80 to 67.00	-	5 Nos. each
above 67.00 to 76.20	-	3 Nos. each
above 76.50 to 102	-	2 Nos. each

HSS TAPER SHANK TWIST DRILL (WITH CRANK SHAFT DESIGN)

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

SIZE		Price each (Rs.)		SIZE		Price each (Rs.)	
mm	Inch	M2 HSS	M35 HSS	mm	Inch	M2 HSS	M35 HSS
3.00		525	786	(11.51)	29/64	1632	2448
(3.17)	1/8	548	823	11.80		1632	2448
3.20		548	823	(11.91)	15/32	1649	2452
3.50		525	786	12.00		1649	2473
(3.57)	9/64	548	823	12.20		1649	2473
3.80		548	823	(12.30)	31/64	1649	2473
(3.97)	5/32	525	786	12.50		1649	2473
4.00		525	786	(12.70)	1/2	2291	3436
4.20		706	1058	12.80		2291	3436
(4.37)	11/64	706	1058	13.00		2291	3436
4.50		706	1058	(13.10)	33/64	2391	3587
(4.76)	3/16	726	1089	13.20		2391	3587
4.80		726	1089	(13.49)	17/32	2561	3842
5.00		706	1058	13.50		2561	3842
(5.16)	13/64	726	1089	13.80		2561	3842
5.20		726	1089	(13.89)	35/64	2561	3842
5.50		706	1058	14.00		2561	3842
(5.56)	7/32	726	1089	14.25		2751	4128
5.80		726	1089	(14.29)	9/16	2751	4128
(5.95)	15/64	726	1089	14.50		2860	4290
6.00		706	1058	(14.68)	37/64	2860	4290
6.20		814	1220	14.75		2860	4290
(6.35)	1/4	878	1316	15.00		2860	4290
6.50		878	1316	(15.08)	19/32	2860	4290
(6.75)	17/64	888	1334	15.25		2900	4350
6.80		888	1334	(15.48)	39/64	2900	4350
7.00		878	1316	15.50		2900	4350
(7.14)	9/32	888	1334	15.75		2900	4350
7.20		888	1334	(15.87)	5/8	2986	4480
7.50		878	1316	16.00		2986	4480
(7.54)	19/64	888	1334	16.25		2986	4480
7.80		888	1334	(16.27)	41/64	2986	4480
(7.94)	5/16	878	1316	16.50		3172	4759
8.00		878	1316	(16.67)	21/32	3172	4570
8.20		1072	1608	16.75		3172	4759
(8.33)	21/64	979	1467	17.00		3172	4759
8.50		979	1467	(17.07)	43/64	3172	4759
(8.73)	11/32	1178	1767	17.25		3225	4837
8.80		1178	1767	(17.46)	11/16	3346	5020
9.00		1072	1608	17.50		3346	5020
(9.13)	23/64	1178	1767	17.75		3395	5093
9.20		1178	1767	(17.86)	45/64	3527	5290
9.50		1072	1608	18.00		3527	5290
(9.52)	3/8	1072	1608	18.25		3527	5290
9.80		1264	1896	(18.26)	23/32	3527	5290
(9.92)	25/64	1143	1716	18.50		3527	5290
10.00		1143	1716	(18.65)	47/64	3569	5354
10.20		1285	1929	18.75		3569	5354
(10.32)	13/32	1524	2286	19.00		3569	5354
10.50		1524	2286	(19.05)	3/4	3569	5354
(10.72)	27/64	1579	2369	19.25		3750	5624
10.80		1579	2369	(19.45)	49/64	3750	5624
11.00		1579	2369	19.50		3750	5624
(11.11)	7/16	1632	2448	19.75		3750	5624
11.20		1632	2448	(19.84)	25/32	4031	6047
11.50		1632	2448	20.00		4031	6047

MOQ : 3 MM TO 9.95 MM - 100 NOS EACH
10 MM TO 20 MM - 50 NOS EACH

**HSS PARALLEL SHANK TWIST DRILLS
EXTRA LONG**

TO OUR STANDARD

Size		Price Each Rs.						
		Overall Length in millimeter						
mm	Inch	150	175	200	225	250	300	350
3	1/8	910	1114	1260	1499	1767	2205	–
3.5		886	1032	1328	1651	1987	2534	–
4	5/32	886	1032	1328	1651	1987	2534	3494
4.5		908	1114	1328	1651	1987	2609	3494
5	3/16	908	1159	1439	1766	2086	2765	3667
5.5	7/32	993	1239	1538	1883	2221	2938	3822
6		993	1294	1582	1916	2298	3009	3966
6.5	1/4	–	–	1619	–	2342	3152	3966
7		–	–	1797	–	2576	3563	4453
7.5	9/32	–	–	1830	–	2736	3629	4453
8	5/16	–	–	1919	–	2852	3717	4557
8.5	11/32	–	–	1981	–	2911	3786	4867
9		–	–	1981	–	2911	3786	4867
9.5	3/8	–	–	2086	–	2928	3868	5023
10		–	–	2172	–	3010	4041	5249
10.5	13/32	–	–	2246	–	3214	4193	5520
11		–	–	–	–	3326	4321	5695
11.5	7/16	–	–	–	–	3326	4321	5695
12	15/32	–	–	–	–	3491	4582	5844
12.5	1/2	–	–	–	–	3599	4730	6232

Other details will be maintained as per IS : 7823 - 2005

M.O.Q. - For sizes :

Upto 5 mm	-	50 Nos. each
Above 5 mm	-	35 Nos. each

**HSS TAPER SHANK TWIST DRILLS
LONG SERIES**

IS 8305 - 1976 (Type N)

Size		OAL	Price Each	Size		OAL	Price Each	Size		OAL	Price Each
mm	Inch	mm	Rs.	mm	Inch	mm	Rs.	mm	Inch	mm	Rs.
5	(3/16)	155	1193	10.2		197	2301	15.5		251	4533
5.2		155	1193	10.5		197	2301	15.75		251	4647
5.5	(7/32)	161	1328	10.8		206	2351	16	(5/8)	251	4647
5.8		161	1328	11		206	2351	16.25		257	4730
6		161	1328	11.2		206	2438	16.5		257	4730
6.2		167	1479	11.5	(7/16)	206	2438	16.75		257	4830
6.5	(1/4)	167	1479	11.8		206	2438	17		257	4830
6.8		174	1595	12		215	2891	17.25		263	5245
7		174	1595	12.2		215	3047	17.5	(11/16)	263	5245
7.2		174	1647	12.5	(1/2)	215	3047	17.75		263	5257
7.5		174	1647	12.8		215	3047	18		263	5257
7.8		181	1740	13		215	3047	18.25		269	5340
8	(5/16)	181	1740	13.2		215	3047	18.5		269	5340
8.2		181	1776	13.5		223	3339	18.75		269	5426
8.5		181	1776	13.8		223	3473	19	(3/4)	269	5426
8.8		188	1925	14		223	3473	19.25		275	5574
9		188	1925	14.25		245	4335	19.5		275	5574
9.2		188	1971	14.5	(9/16)	245	4335	19.75		275	5667
9.5	(3/8)	188	1971	14.75		245	4430				
9.8		197	2238	15		245	4430				
10		197	2238	15.25		251	4533				

**HSS TAPER SHANK TWIST DRILLS
LONG SERIES**

IS 8305 - 1976 (Type N)

Size		OAL	Price	Size		OAL	Price	Size		OAL	Price
mm	Inch	mm	Each Rs.	mm	Inch	mm	Each Rs.	mm	Inch	mm	Each Rs.
20		275	5667	29.5		351	15128	46	(1.13/16)	459	39957
20.25		282	5761	29.75		351	15557	46.5		459	41582
20.5		282	5761	30	(1.3/16)	351	15557	47		459	41582
20.75		282	5867	30.25		360	15971	47.5		459	43683
21	(13/16)	282	5867	30.5		360	15971	48	(1.7/8)	470	43683
21.25		289	6816	30.75		360	15971	48.5		470	47841
21.5		289	6816	31		360	15971	49	(1.15/16)	470	47841
21.75		289	6952	31.25		360	16086	49.5		470	47841
22		289	6952	31.5		360	16086	50		470	50307
22.25		289	7425	31.75	(1.1/4)	369	16707				
22.5	(7/8)	296	7425	32		397	19244				
22.75		296	7782	32.5		397	20075				
23		296	7782	33	(1.5/16)	397	20075				
23.25		319	9507	33.5		397	20950				
23.5		319	9507	34		406	20950				
23.75		327	9507	34.5		406	21865				
24	(15/16)	327	9507	35	(1.3/8)	406	21865				
24.25		327	9923	35.5		406	21865				
24.5		327	9923	36		416	23961				
24.75		327	10284	36.5		416	24857				
25		327	10284	37	(1.7/16)	416	24857				
25.25		335	10284	37.5		416	26918				
25.5	(1)	335	10284	38	(1.1/2)	426	26918				
25.75		335	10696	38.5		426	27802				
26		335	10696	39		426	27802				
26.25		335	11005	39.5		426	28903				
26.5		335	11005	40		426	28903				
26.75		343	13042	40.5		436	28903				
27	(1.1/16)	343	13042	41	(1.5/8)	436	28903				
27.25		343	13459	41.5		436	30381				
27.5		343	13459	42		436	30381				
27.75		343	13872	42.5		436	32143				
28		343	13872	43		447	34530				
28.25		351	14319	43.5		447	36400				
28.5	(1.1/8)	351	14319	44		447	36400				
28.75		351	14721	44.5		447	37898				
29		351	14721	45	(1.3/4)	447	37898				
29.25		351	15128	45.5		459	39957				

M.O.Q. - For sizes :
5 mm to 31.75 mm – 25 Nos. each
Above 31.75 mm – 10 Nos. each

**HSS TAPER SHANK TWIST DRILLS
EXTRA LONG**

TO OUR STANDARD

Size		Price Each Rs.									
		Overall Length in millimeter									
mm	Inch	200	225	250	275	300	315	325	350	375	400
3	1/8	1677	1971	2183	2484	2816	–	3252	–	–	–
3.5		1724	1971	2244	2545	2890	–	3341	–	–	–
4	5/32	1724	1971	2244	2545	2890	–	3341	–	–	–
4.5		1767	2027	2244	2606	3064	–	3514	–	–	–
5	3/16	1767	2027	2244	2606	3064	–	3514	–	–	–
5.5	7/32	1767	2040	2353	2760	3129	–	3608	–	–	–
6		1778	2040	2378	2760	3129	3420	3608	–	–	–
6.5	1/4	1803	2106	2390	2899	3252	3527	3715	–	–	–
7		1964	2212	2483	2954	3404	3743	3901	–	–	–
7.5		1987	2267	2555	3008	3492	3826	3975	–	–	–
8	5/16	2075	2317	2657	3116	3581	3888	4086	–	–	–
8.5		2144	2405	2709	3171	3647	3934	4199	–	–	–
9		2178	2440	2773	3188	3675	4038	4234	–	–	–
9.5	3/8	2232	2469	2773	3276	3767	4092	4253	–	–	–
10		2238	2532	2856	3334	3840	4193	4371	4892	5516	6135
10.5		2301	2627	3047	3523	4038	4372	4592	5250	5899	6648
11		2352	2709	3077	3581	4112	4515	4709	5346	5994	6702
11.5	7/16	2438	2765	3155	3668	4213	4592	4797	5490	6152	6878
12		–	2765	3293	3814	4371	4770	5011	5667	6292	7057
12.5	1/2	–	3047	3404	3952	4506	4923	5150	5934	6698	7567
13		–	–	4038	4625	5250	5700	5994	6821	7656	8601
13.5		–	–	4167	4718	5393	5839	6103	6951	7847	8817
14		–	–	4306	4858	5490	5957	6201	7088	8008	8986

Contd. in Page No. 18 TO 31

**HSS TAPER SHANK TWIST DRILLS
EXTRA LONG**

TO OUR STANDARD

Size		Price Each Rs.					
		Overall Length in millimeter					
mm	Inch	250	275	300	315	325	350
14.5	9/16	4335	4925	5571	5989	6292	7224
15		4430	5033	5706	6116	6445	7368
15.5		4533	5149	5761	6236	6533	7480
16	5/8	4647	5235	5877	6324	6651	7588
16.5		4730	5305	5989	6445	6755	7729
17		4830	5433	6052	6522	6845	7847
17.5	11/16	—	—	6201	6648	6978	7998
18		—	—	6292	6796	7088	8127
18.5		—	—	6392	6878	7216	8198
19	3/4	—	—	6506	6978	7324	8333
19.5		—	—	6586	7057	7394	8484
20		—	—	6698	7173	7537	8582
20.5		—	—	6821	7303	7642	8724
21	13/16	—	—	6944	7445	7771	8912
21.5		—	—	7088	7567	7901	9069
22		—	—	7243	7770	8127	9238
22.5	7/8	—	—	7435	7934	8301	9394
23		—	—	7782	8306	8609	9705
23.5		—	—	8549	—	9507	10418
24	15/16	—	—	8549	—	9507	10522
24.5		—	—	8817	—	9923	11002
25		—	—	—	—	10284	11407
25.5	1	—	—	—	—	—	11760
26		—	—	—	—	—	12238
26.5		—	—	—	—	—	12604
27	1.1/16	—	—	—	—	—	13042
27.5		—	—	—	—	—	13459
28		—	—	—	—	—	13872
28.5	1.1/8	—	—	—	—	—	14319
29		—	—	—	—	—	14721
29.5		—	—	—	—	—	15128
30	1.3/16	—	—	—	—	—	15557
31	1.1/4	—	—	—	—	—	15971
32		—	—	—	—	—	16086

**HSS TAPER SHANK TWIST DRILLS
EXTRA LONG**

TO OUR STANDARD

Size		Price Each Rs.						
		Overall Length in millimeter						
mm	Inch	375	400	425	450	475	500	525
14.5	9/16	8147	9143	10750	11999	13503	15143	–
15		8261	9294	10703	12144	13637	15297	–
15.5		8419	9421	10779	12261	13757	15429	–
16	5/8	8549	9611	11003	12473	13924	15600	–
16.5		8708	9814	11169	12604	14066	15695	–
17		8824	9923	11302	12762	14202	15842	–
17.5	11/16	8973	10041	11438	12909	14382	15990	–
18		9130	10225	11582	13042	14533	16145	17920
18.5		9238	10385	11727	13192	14633	16300	18094
19	3/4	9381	10522	11851	13342	14777	16394	18197
19.5		9566	10736	11999	13500	14953	16554	18375
20		9694	10891	12238	13637	15116	16756	18599
20.5		9814	11054	12386	13872	15349	17008	18879
21	13/16	10018	11234	12651	14108	15630	17275	19175
21.5		10210	11448	12840	14406	15913	17626	19566
22		10385	11640	13042	14630	16166	17906	19875
22.5	7/8	10522	11765	13267	14832	16444	18203	20205
23		10751	11975	13459	15103	16688	18468	20500
23.5		11453	12385	13915	15532	17192	19035	21129
24	15/16	11601	12817	14352	16024	17660	19544	21693
24.5		11999	13254	14825	16480	18177	20075	22083
25		12473	13663	15244	16956	18683	20636	22699
25.5	1	12840	14069	15678	17401	19185	21118	23229
26		13304	14526	16145	17916	19681	21680	23849
26.5		13692	14931	16594	18373	20145	22212	24432
27	1.1/16	14172	15374	17032	18832	20670	22728	25002
27.5		14533	15753	17486	19307	21150	23241	25564
28		14953	16215	17916	19774	22099	23802	26183
28.5	1.1/8	15394	16617	18334	20255	22175	24293	26723
29		15817	17070	18796	20738	22644	24843	27327
29.5		16215	17474	19244	21179	23155	25387	27926
30	1.3/16	16650	17906	19681	21656	23642	25888	29002
31	1.1/4	17067	18339	20167	22218	24258	26618	29014
32		17401	19244	21150	23294	25387	27852	29675
33	1.5/16	–	20075	22091	24332	26523	29069	31011
34		–	20950	23029	25372	27672	30319	32321
35	1.3/8	–	21865	24040	26417	28829	31556	33627
36		–	22728	24952	27440	29939	32793	34880
37	1.7/16	–	23594	25888	28485	31063	33986	36189
38	1.1/2	–	24493	26918	29588	32228	35275	37553
39		–	25387	28098	30529	33251	36328	38669
40		–	26450	28903	31603	34374	37520	39888
41	1.5/8	–	–	–	–	–	38764	41865
42		–	–	–	–	–	40487	43726
43		–	–	–	–	–	42282	45242
44		–	–	–	–	–	44046	47129
45	1.3/4	–	–	–	–	–	45841	48630
46	1.13/16	–	–	–	–	–	47781	50648
47		–	–	–	–	–	49712	52695
48	1.7/8	–	–	–	–	–	51652	54751
49	1.15/16	–	–	–	–	–	53550	56763
50							55709	59051

**HSS TAPER SHANK TWIST DRILLS
EXTRA LONG**

TO OUR STANDARD

Size		Price Each Rs.					
		Overall Length in millimeter					
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		19697	21473	23248	25025	26800	28577
18.5		19886	21679	23473	25265	27059	28851
19	3/4	20000	21803	23607	25410	27214	29017
19.5		20197	22017	23838	25659	27481	29301
20		20442	22285	24129	25972	27815	29658
20.5		20750	22620	24491	26362	28233	30104
21	13/16	21075	22975	24876	26776	28676	30576
21.5		21504	23443	25382	27321	29259	31199
22		21845	23814	25784	27754	29723	31693
22.5		22208	24210	26212	28215	30217	32219
23		22532	24563	26594	28626	30658	32690
23.5		23223	25318	27411	29505	31599	33692
24	15/16	23843	25993	28143	30293	32443	34592
24.5		24090	26098	28306	30514	32722	34930
25		24763	26826	28890	30954	33017	35081
25.5	1	25341	27453	29565	31676	33788	35900
26		26017	28184	30352	32521	34689	36857
26.5		26654	28875	31097	33318	35538	37760
27	1.1/16	27274	29547	31819	34092	36366	38638
27.5		27889	30213	32537	34861	37185	39509
28		28563	30944	33324	35704	38084	40464
28.5	1.1/8	29151	31581	34010	36439	38869	41298
29		29812	32296	34780	37265	39749	42233
29.5		30465	33003	35541	38080	40619	43158
30	1.3/16	31065	33655	36200	38832	41420	44010
31	1.1/4	31409	33805	36243	39001	41482	44115
32		32049	34423	36797	39171	41545	44850
33	1-5/16	33492	35972	38453	40934	43415	45896
34		34907	37492	40079	42664	45250	47835
35	1-3/8	36317	39008	41698	44388	47078	49768
36	1-7/16	37671	40461	43252	46041	48832	51622
37		39084	41980	44875	47770	50665	53561
38	1-1/2	40557	43561	46566	49571	52575	55579
39		41763	44856	47950	51044	54137	57230
40		43079	46270	49461	52652	55844	59035
41	1-5/8	44966	48067	51169	54269	57371	60472
42		46964	50204	53443	56682	59920	63001
43		48202	51161	54121	57081	60041	63160
44		50213	53296	56380	59463	62546	65629
45	1-3/4	52259	55467	58676	61885	64982	67850
46	1-13/16	53515	56382	59248	62116	65094	68303
47		55677	58660	61643	64626	67608	70592
48	1-7/8	57850	60949	64048	67148	70246	73346
49	1-15/16	59976	63189	66402	69615	72828	76041
50		62394	65736	69078	72422	75764	79107

**HSS TAPER SHANK TWIST DRILLS
EXTRA LONG**

TO OUR STANDARD

Size		Price Each Rs.					
		Overall Length in millimeter					
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		30352	32128	33905	35680	37456	39232
18.5		30644	32438	34230	36023	37817	39609
19	3/4	30820	32624	34426	36230	38033	39837
19.5		31122	32943	34764	36585	38406	40227
20		31501	33344	35188	37030	38874	40717
20.5		31975	33846	35717	37588	39458	41329
21	13/16	32477	34376	36276	38177	40077	41977
21.5		33138	35076	37016	38954	40893	42832
22		33663	35632	37602	39571	41541	43511
22.5		34222	36224	38226	40229	42231	44232
23		34720	36752	38969	40816	42846	44878
23.5		35787	37881	39975	42068	44162	46256
24	15/16	36742	38892	41041	43192	45341	47492
24.5		37039	39146	41255	43263	45369	47503
25		37144	39208	41271	43335	45399	47515
25.5	1	38012	40124	42235	44347	46458	48571
26		39024	41193	43361	45529	47697	49865
26.5		39981	42203	44423	46644	48866	51087
27	1.1/16	40911	43183	45457	47730	50002	52275
27.5		41833	44158	46481	48805	51130	53453
28		42844	45225	47605	49985	52366	54746
28.5	1.1/8	43727	46156	48586	51015	53444	55874
29		44717	47202	49686	52170	54655	57139
29.5		45696	48235	50774	53313	55852	58389
30	1.3/16	46598	49187	51776	54269	56953	59542
31	1.1/4	46911	49306	51873	54365	57362	59757
32		47223	49597	51971	55395	57769	60143
33	1-5/16	48377	50858	53338	55819	58300	60781
34		50421	53006	55592	58178	60764	63350
35	1-3/8	52459	55149	57839	60529	63219	65910
36	1-7/16	54413	57203	59994	62784	65575	68364
37		56455	59350	62246	65141	68036	70931
38	1-1/2	58583	61588	64592	67596	70600	73604
39		60325	63418	66511	69605	72699	75792
40		62226	65417	68608	71799	74990	78181
41	1-5/8	63573	66674	69775	72876	75977	79079
42		65961	69637	72876	76116	79355	82593
43		66399	70716	73878	77039	80200	83361
44		68712	71796	74879	77963	81045	84129
45	1-3/4	70716	74721	77930	81139	84348	87556
46	1-13/16	71511	75639	78505	81373	85079	87946
47		73575	76557	79540	82523	85820	88803
48	1-7/8	76444	79544	82642	85742	88841	91940
49	1-15/16	79254	82467	85680	88893	92106	95319
50		82449	85791	89135	92477	95819	99162

**HSS TAPER SHANK TWIST DRILLS
EXTRA LONG**

TO OUR STANDARD

Size		Price Each Rs.						
		Overall Length in millimeter						
mm	Inch	850	875	900	925	950	975	1000
14.5	9/16	-	-	-	-	-	-	-
15		-	-	-	-	-	-	-
15.5		-	-	-	-	-	-	-
16	5/8	-	-	-	-	-	-	-
16.5		-	-	-	-	-	-	-
17		-	-	-	-	-	-	-
17.5	11/16	-	-	-	-	-	-	-
18		41008	42783	44560	-	-	-	-
18.5		41403	43196	44988	-	-	-	-
19	3/4	41640	43443	45247	-	-	-	-
19.5		42048	43869	45690	-	-	-	-
20		42560	44403	46246	-	-	-	-
20.5		43200	45071	46941	-	-	-	-
21	13/16	43877	45778	47678	-	-	-	-
21.5		44771	46710	48649	-	-	-	-
22		45481	47450	49419	51389	53359	55329	57299
22.5		46235	48237	50239	52242	54244	56246	58249
23		46910	48942	50973	53004	55036	57068	59469
23.5		48350	50444	52538	54632	56725	58820	60914
24	15/16	49641	51790	53941	56090	58240	60390	62540
24.5		49662	51821	53954	56113	58247	60484	62643
25		49683	51852	53968	56136	58252	60579	62747
25.5	1	50682	52794	54906	57017	59130	61241	63353
26		52033	54201	56369	58538	60705	62873	65041
26.5		53309	55529	57750	59972	62193	64414	66635
27	1.1/16	54548	56821	59094	61366	63639	65912	68185
27.5		55778	58102	60425	62750	65074	67398	69722
28		57126	59507	61886	64266	66647	69027	71407
28.5	1.1/8	58302	60732	63162	65590	68020	70449	72878
29		59623	62108	64592	67076	69560	72045	74529
29.5		60928	63467	66006	68545	71083	73622	76161
30	1.3/16	62131	64548	67265	69682	72183	74624	76899
31	1.1/4	62153	64720	67287	69787	72228	74646	77041
32		62517	64891	67308	69854	72272	74772	77146
33	1-5/16"	63261	65743	68224	70705	73185	75666	78147
34		65935	68521	71106	73692	76278	78863	81450
35	1-3/8"	68600	71290	73980	76670	79360	82050	84741
36	1-7/16"	71155	73945	76736	79526	82317	85107	87898
37		73827	76721	79616	82511	85407	88302	91197
38	1-1/2"	76609	79613	82617	85621	88625	91630	94634
39		78885	81979	85073	88166	91260	94353	97447
40		81373	84564	87755	90946	94137	97328	100519
41	1-5/8"	82179	85281	88382	91482	94584	97685	100786
42		82949	86188	89427	92598	95558	98518	101478
43		83720	86679	89639	92667	95838	99077	101757
44		87212	90295	93379	96461	99545	102628	105712
45	1-3/4"	90765	93680	96546	99756	102917	105832	109040
46	1-13/16"	90813	93974	97183	100049	102965	106265	109682
47		91785	94768	97751	100734	103716	106699	111658
48	1-7/8"	95039	98138	101237	104336	107435	110535	113633
49	1-15/16"	98532	101745	104958	108171	111384	114597	117810
50		102504	105846	109190	112532	115874	119217	122559

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

IS 7822 - 2005

Size		Price Each Rs.							
		Overall Length in millimeter							
mm	Inch	400	425	450	475	500	525	550	575
50.50		42389	46626	50865	55104	59343	63582	67821	72059
50.8	2	42389	46626	50865	55104	59343	63582	67821	72059
51.00				55632	59469	63306	67142	70979	74816
51.50				55632	59469	63306	67142	70979	74816
51.59	2.1/32			55632	59469	63306	67142	70979	74816
52.00				55632	59469	63306	67142	70979	74816
52.39	2.1/16			55632	59469	63306	67142	70979	74816
52.50				59920	64914	69907	74901	79895	84887
53.00				59920	64914	69907	74901	79895	84887
53.18	2.3/32			59920	64914	69907	74901	79895	84887
53.50				59920	64914	69907	74901	79895	84887
53.97	2.1/8			59920	64914	69907	74901	79895	84887
54.00				59920	64914	69907	74901	79895	84887
54.50				62945	68191	73437	78683	83928	89173
54.77	2.5/32			62945	68191	73437	78683	83928	89173
55.00				62945	68191	73437	78683	83928	89173
55.50				62945	68191	73437	78683	83928	89173
55.56	2.3/16			62945	68191	73437	78683	83928	89173
56.00				65591	71058	76524	81990	87456	92922
56.36	2.7/32			65591	71058	76524	81990	87456	92922
56.50				65591	71058	76524	81990	87456	92922
57.00				65591	71058	76524	81990	87456	92922
57.15	2.1/4			65591	71058	76524	81990	87456	92922
57.50				68600	77547	83512	89478	95443	101408
57.94	2.9/32			68600	77547	83512	89478	95443	101408
58.00				68600	77547	83512	89478	95443	101408
58.50				68600	77547	83512	89478	95443	101408
58.74	2.5/16			68600	77547	83512	89478	95443	101408
59.00				69909	79028	85107	91186	97266	103344
59.50				69909	79028	85107	91186	97266	103344
59.53	2.11/32			69909	79028	85107	91186	97266	103344
60.00				69909	79028	85107	91186	97266	103344
60.32	2.3/8			69909	79028	85107	91186	97266	103344
60.50				76248	82710	89171	95633	102095	108556
61.00				76248	82710	89171	95633	102095	108556
61.12	2.13/32			76248	82710	89171	95633	102095	108556
61.50				76248	82710	89171	95633	102095	108556
61.91	2.7/16			76248	82710	89171	95633	102095	108556
62.00				76248	82710	89171	95633	102095	108556
62.50				76248	82710	89171	95633	102095	108556
62.71	2.15/32			77532	84102	90673	97243	103814	110384
63.00				77532	84102	90673	97243	103814	110384
63.5	2.1/2			77532	84102	90673	97243	103814	110384
64.00				84238	90048	97310	103119	110381	116191
64.29	2.17/32			84238	90048	97310	103119	110381	116191
64.50				84238	90048	97310	103119	110381	116191
65.00				84238	90048	97310	103119	110381	116191
65.09	2.9/16			84238	90048	97310	103119	110381	116191
65.50				84865	90718	98034	103887	111203	117056
65.88	2.19/32			84865	90718	98034	103887	111203	117056
66.00				84865	90718	98034	103887	111203	117056
66.50				84865	90718	98034	103887	111203	117056
66.67	2.5/8			84865	90718	98034	103887	111203	117056
67.00				86935	92930	100425	106421	113915	119910
67.47	2.21/32				99755	106191	112627	120672	128716

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

IS 7822 - 2005

Size		Price Each Rs.							
		Overall Length in millimeter							
mm	Inch	600	625	650	675	700	725	750	775
50.50		76298	80537	84776	89015	93254	97493	101731	105970
50.8	2	76298	80537	84776	89015	93254	97493	101731	105970
51.00		78652	82489	86326	90162	93999	97836	105509	109346
51.50		78652	82489	86326	90162	93999	97836	105509	109346
51.59	2.1/32	78652	82489	86326	90162	93999	97836	105509	109346
52.00		78652	82489	86326	90162	93999	97836	105509	109346
52.39	2.1/16	78652	82489	86326	90162	93999	97836	105509	109346
52.50		89881	94874	99868	104861	109854	114848	119841	124835
53.00		89881	94874	99868	104861	109854	114848	119841	124835
53.18	2.3/32	89881	94874	99868	104861	109854	114848	119841	124835
53.50		89881	94874	99868	104861	109854	114848	119841	124835
53.97	2.1/8	89881	94874	99868	104861	109854	114848	119841	124835
54.00		89881	94874	99868	104861	109854	114848	119841	124835
54.50		94419	99664	104910	110156	115400	120646	125892	131138
54.77	2.5/32	94419	99664	104910	110156	115400	120646	125892	131138
55.00		94419	99664	104910	110156	115400	120646	125892	131138
55.50		94419	99664	104910	110156	115400	120646	125892	131138
55.56	2.3/16	94419	99664	104910	110156	115400	120646	125892	131138
56.00		98388	103853	109320	114786	120251	125718	131184	136650
56.36	2.7/32	98388	103853	109320	114786	120251	125718	131184	136650
56.50		98388	103853	109320	114786	120251	125718	131184	136650
57.00		98388	103853	109320	114786	120251	125718	131184	136650
57.15	2.1/4	98388	103853	109320	114786	120251	125718	131184	136650
57.50		107373	113338	119303	125268	131233	137198	143163	149129
57.94	2.9/32	107373	113338	119303	125268	131233	137198	143163	149129
58.00		107373	113338	119303	125268	131233	137198	143163	149129
58.50		107373	113338	119303	125268	131233	137198	143163	149129
58.74	2.5/16	107373	113338	119303	125268	131233	137198	143163	149129
59.00		109424	115502	121582	127661	133740	139819	145898	151977
59.50		109424	115502	121582	127661	133740	139819	145898	151977
59.53	2.11/32	109424	115502	121582	127661	133740	139819	145898	151977
60.00		109424	115502	121582	127661	133740	139819	145898	151977
60.32	2.3/8	109424	115502	121582	127661	133740	139819	145898	151977
60.50		115018	121480	127941	134403	140865	147327	153788	160250
61.00		115018	121480	127941	134403	140865	147327	153788	160250
61.12	2.13/32	115018	121480	127941	134403	140865	147327	153788	160250
61.50		115018	121480	127941	134403	140865	147327	153788	160250
61.91	2.7/16	115018	121480	127941	134403	140865	147327	153788	160250
62.00		115018	121480	127941	134403	140865	147327	153788	160250
62.50		115018	121480	127941	134403	140865	147327	153788	160250
62.71	2.15/32	116954	123525	130095	136666	143237	149807	156378	162947
63.00		116954	123525	130095	136666	143237	149807	156378	162947
63.5	2.1/2	116954	123525	130095	136666	143237	149807	156378	162947
64.00		122000	127809	133619	139428	145238	151048	156857	163413
64.29	2.17/32	122000	127809	133619	139428	145238	151048	156857	163413
64.50		122000	127809	133619	139428	145238	151048	156857	163413
65.00		122000	127809	133619	139428	145238	151048	156857	163413
65.09	2.9/16	122000	127809	133619	139428	145238	151048	156857	163413
65.50		122909	128762	134614	140467	146320	152172	158025	163878
65.88	2.19/32	122909	128762	134614	140467	146320	152172	158025	163878
66.00		122909	128762	134614	140467	146320	152172	158025	163878
66.50		122909	128762	134614	140467	146320	152172	158025	163878
66.67	2.5/8	122909	128762	134614	140467	146320	152172	158025	163878
67.00		125906	131901	137897	143892	149888	155883	161879	167874
67.47	2.21/32	136761	144807	152851	160896	168941	176985	185030	193075

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

IS 7822 - 2005

Size		Price Each Rs.								
		Overall Length in millimeter								
mm	Inch	800	825	850	875	900	925	950	975	1000
50.50		110209	114448	118687	122926	127164	131402	135641	139880	144119
50.8	2	110209	114448	118687	122926	127164	131402	135641	139880	144119
51.00		113183	117019	120856	124693	128529	132366	136203	140040	145795
51.50		113183	117019	120856	124693	128529	132366	136203	140040	145795
51.59	2.1/32	113183	117019	120856	124693	128529	132366	136203	140040	145795
52.00		113183	117019	120856	124693	128529	132366	136203	140040	145795
52.39	2.1/16	113183	117019	120856	124693	128529	132366	136203	140040	145795
52.50		129828	134821	139815	144808	149801	154795	159788	164782	169775
53.00		129828	134821	139815	144808	149801	154795	159788	164782	169775
53.18	2.3/32	129828	134821	139815	144808	149801	154795	159788	164782	169775
53.50		129828	134821	139815	144808	149801	154795	159788	164782	169775
53.97	2.1/8	129828	134821	139815	144808	149801	154795	159788	164782	169775
54.00		129828	134821	139815	144808	149801	154795	159788	164782	169775
54.50		136382	141628	146874	152119	157365	162610	167855	173101	178347
54.77	2.5/32	136382	141628	146874	152119	157365	162610	167855	173101	178347
55.00		136382	141628	146874	152119	157365	162610	167855	173101	178347
55.50		136382	141628	146874	152119	157365	162610	167855	173101	178347
55.56	2.3/16	136382	141628	146874	152119	157365	162610	167855	173101	178347
56.00		142115	147582	153048	158513	163980	169446	174911	180377	185844
56.36	2.7/32	142115	147582	153048	158513	163980	169446	174911	180377	185844
56.50		142115	147582	153048	158513	163980	169446	174911	180377	185844
57.00		142115	147582	153048	158513	163980	169446	174911	180377	185844
57.15	2.1/4	142115	147582	153048	158513	163980	169446	174911	180377	185844
57.50		155094	161060	167025	172990	178955	184920	190885	196850	202815
57.94	2.9/32	155094	161060	167025	172990	178955	184920	190885	196850	202815
58.00		155094	161060	167025	172990	178955	184920	190885	196850	202815
58.50		155094	161060	167025	172990	178955	184920	190885	196850	202815
58.74	2.5/16	155094	161060	167025	172990	178955	184920	190885	196850	202815
59.00		158057	164135	170214	176293	182372	188452	194530	200610	206688
59.50		158057	164135	170214	176293	182372	188452	194530	200610	206688
59.53	2.11/32	158057	164135	170214	176293	182372	188452	194530	200610	206688
60.00		158057	164135	170214	176293	182372	188452	194530	200610	206688
60.32	2.3/8	158057	164135	170214	176293	182372	188452	194530	200610	206688
60.50		166712	173173	179635	186097	192558	199020	205482	211944	218405
61.00		166712	173173	179635	186097	192558	199020	205482	211944	218405
61.12	2.13/32	166712	173173	179635	186097	192558	199020	205482	211944	218405
61.50		166712	173173	179635	186097	192558	199020	205482	211944	218405
61.91	2.7/16	166712	173173	179635	186097	192558	199020	205482	211944	218405
62.00		166712	173173	179635	186097	192558	199020	205482	211944	218405
62.50		166712	173173	179635	186097	192558	199020	205482	211944	218405
62.71	2.15/32	169518	176089	182659	189230	195800	202371	208942	215511	222082
63.00		169518	176089	182659	189230	195800	202371	208942	215511	222082
63.5	2.1/2	169518	176089	182659	189230	195800	202371	208942	215511	222082
64.00		169624	177916	185905	191714	197524	203334	209143	216032	225119
64.29	2.17/32	169624	177916	185905	191714	197524	203334	209143	216032	225119
64.50		169624	177916	185905	191714	197524	203334	209143	216032	225119
65.00		169624	177916	185905	191714	197524	203334	209143	216032	225119
65.09	2.9/16	169624	177916	185905	191714	197524	203334	209143	216032	225119
65.50		169730	179241	187290	193142	198995	204848	210700	216553	226796
65.88	2.19/32	169730	179241	187290	193142	198995	204848	210700	216553	226796
66.00		169730	179241	187290	193142	198995	204848	210700	216553	226796
66.50		169730	179241	187290	193142	198995	204848	210700	216553	226796
66.67	2.5/8	169730	179241	187290	193142	198995	204848	210700	216553	226796
67.00		173870	179865	191856	197852	203847	209843	215838	221834	232326
67.47	2.21/32	201120	209164	217209	225254	233298	241344	249389	257433	265478

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

IS 7822 - 2005

Size		Price Each Rs.							
		Overall Length in millimeter							
mm	Inch	400	425	450	475	500	525	550	575
67.50		-	-	-	99755	106191	112627	120672	128716
68.00		-	-	-	99755	106191	112627	120672	128716
68.26	2.11/16	-	-	-	99755	106191	112627	120672	128716
68.50		-	-	-	105291	112195	119099	126003	132908
69.00		-	-	-	106383	113359	120335	127311	134287
69.05	2.23/32	-	-	-	106383	113359	120335	127311	134287
69.50		-	-	-	106383	113359	120335	127311	134287
69.85	2.3/4	-	-	-	106383	113359	120335	127311	134287
70.00		-	-	-	106383	113359	120335	127311	134287
70.50		-	-	-	111640	119083	126525	133967	141411
70.64	2.25/32	-	-	-	112854	120378	127902	135425	142949
71.00		-	-	-	112854	120378	127902	135425	142949
71.44	2.13/16	-	-	-	112854	120378	127902	135425	142949
71.50		-	-	-	112854	120378	127902	135425	142949
72.00		-	-	-	115036	122704	130373	138042	145712
72.23	2.27/32	-	-	-	115036	122704	130373	138042	145712
72.50		-	-	-	115036	122704	130373	138042	145712
73.00		-	-	-	115036	122704	130373	138042	145712
73.02	2.7/8	-	-	-	115036	122704	130373	138042	145712
73.50		-	-	-	119128	127203	135280	143357	151433
73.82	2.29/32	-	-	-	120388	128549	136711	144873	153035
74.00		-	-	-	120388	128549	136711	144873	153035
74.50		-	-	-	120388	128549	136711	144873	153035
74.61	2.15/16	-	-	-	120388	128549	136711	144873	153035
75.00		-	-	-	121885	130149	138412	146676	154939
75.41	2.31/32	-	-	-	121885	130149	138412	146676	154939
75.50		-	-	-	121885	130149	138412	146676	154939
76.00		-	-	-	121885	130149	138412	146676	154939
76.20	3	-	-	-	121885	130149	138412	146676	154939
76.99	3.1/32	-	-	-	-	-	-	152613	163919
77.00		-	-	-	-	-	-	152613	163919
77.79	3.1/16	-	-	-	-	-	-	152613	163919
78.00		-	-	-	-	-	-	152613	163919
78.58	3.3/32	-	-	-	-	-	-	155657	167187
79.00		-	-	-	-	-	-	155657	167187
79.37	3.1/8	-	-	-	-	-	-	159790	171626
80.00		-	-	-	-	-	-	159790	171626
80.17	3.5/32	-	-	-	-	-	-	170909	183568
80.96	3.3/16	-	-	-	-	-	-	170909	183568
81.00		-	-	-	-	-	-	170909	183568
81.76	3.7/32	-	-	-	-	-	-	175351	188341
82.00		-	-	-	-	-	-	175351	188341
82.55	3.1/4	-	-	-	-	-	-	175351	188341
83.00		-	-	-	-	-	-	178974	192231
83.34	3.9/32	-	-	-	-	-	-	178974	192231
84.00		-	-	-	-	-	-	178974	192231
84.14	3.5/16	-	-	-	-	-	-	181949	195427
84.93	3.11/32	-	-	-	-	-	-	181949	195427
85.00		-	-	-	-	-	-	181949	195427
85.72	3.3/8	-	-	-	-	-	-	207540	222914
86.00		-	-	-	-	-	-	207540	222914
86.52	3.13/32	-	-	-	-	-	-	207540	222914
87.00		-	-	-	-	-	-	207540	222914

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

IS 7822 - 2005

Size		Price Each Rs.							
		Overall Length in millimeter							
mm	Inch	600	625	650	675	700	725	750	775
67.50		136761	144807	152851	160896	168941	176985	185030	193075
68.00		136761	144807	152851	160896	168941	176985	185030	193075
68.26	2.11/16	136761	144807	152851	160896	168941	176985	185030	193075
68.50		139812	146717	153620	161544	169053	181237	188142	195046
69.00		141263	148239	155215	162190	169167	183119	190094	197070
69.05	2.23/32	141263	148239	155215	162190	169167	183119	190094	197070
69.50		141263	148239	155215	162190	169167	183119	190094	197070
69.85	2.3/4	141263	148239	155215	162190	169167	183119	190094	197070
70.00		141263	148239	155215	162190	169167	183119	190094	197070
70.50		148853	156296	163738	171182	178624	186066	193509	200951
70.64	2.25/32	150472	157997	165520	173043	180567	188091	195614	203138
71.00		150472	157997	165520	173043	180567	188091	195614	203138
71.44	2.13/16	150472	157997	165520	173043	180567	188091	195614	203138
71.50		150472	157997	165520	173043	180567	188091	195614	203138
72.00		153381	161050	168718	176387	184057	191726	199395	207064
72.23	2.27/32	153381	161050	168718	176387	184057	191726	199395	207064
72.50		153381	161050	168718	176387	184057	191726	199395	207064
73.00		153381	161050	168718	176387	184057	191726	199395	207064
73.02	2.7/8	153381	161050	168718	176387	184057	191726	199395	207064
73.50		159510	167586	175663	183738	191815	199892	207968	216045
73.82	2.29/32	161197	169359	177520	185682	193845	202006	210168	218330
74.00		161197	169359	177520	185682	193845	202006	210168	218330
74.50		161197	169359	177520	185682	193845	202006	210168	218330
74.61	2.15/16	161197	169359	177520	185682	193845	202006	210168	218330
75.00		163203	171466	179730	187993	196257	204520	212783	221046
75.41	2.31/32	163203	171466	179730	187993	196257	204520	212783	221046
75.50		163203	171466	179730	187993	196257	204520	212783	221046
76.00		163203	171466	179730	187993	196257	204520	212783	221046
76.2	3	163203	171466	179730	187993	196257	204520	212783	221046
76.99	3.1/32	175223	186528	197833	209137	220442	231747	243052	254356
77.00		175223	186528	197833	209137	220442	231747	243052	254356
77.79	3.1/16	175223	186528	197833	209137	220442	231747	243052	254356
78.00		175223	186528	197833	209137	220442	231747	243052	254356
78.58	3.3/32	178717	190247	201779	213309	224839	236369	247899	259429
79.00		178717	190247	201779	213309	224839	236369	247899	259429
79.37	3.1/8	183462	195299	207135	218971	230807	242643	254480	266316
80.00		183462	195299	207135	218971	230807	242643	254480	266316
80.17	3.5/32	196228	208888	221548	234208	246868	259527	272187	284847
80.96	3.3/16	196228	208888	221548	234208	246868	259527	272187	284847
81.00		196228	208888	221548	234208	246868	259527	272187	284847
81.76	3.7/32	201329	214319	227307	240297	253285	266275	279263	292253
82.00		201329	214319	227307	240297	253285	266275	279263	292253
82.55	3.1/4	201329	214319	227307	240297	253285	266275	279263	292253
83.00		205488	218745	232003	245260	258517	271775	285032	298289
83.34	3.9/32	205488	218745	232003	245260	258517	271775	285032	298289
84.00		205488	218745	232003	245260	258517	271775	285032	298289
84.14	3.5/16	208905	222383	235860	249338	262815	276293	289771	303248
84.93	3.11/32	208905	222383	235860	249338	262815	276293	289771	303248
85.00		208905	222383	235860	249338	262815	276293	289771	303248
85.72	3.3/8	238287	253660	269033	284407	299780	315153	330527	345900
86.00		238287	253660	269033	284407	299780	315153	330527	345900
86.52	3.13/32	238287	253660	269033	284407	299780	315153	330527	345900
87.00		238287	253660	269033	284407	299780	315153	330527	345900

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

IS 7822 - 2005

Size		Price Each Rs.								
		Overall Length in millimeter								
mm	Inch	800	825	850	875	900	925	950	975	1000
67.50		201120	209164	217209	225254	233298	241344	249389	257433	265478
68.00		201120	209164	217209	225254	233298	241344	249389	257433	265478
68.26	2.11/16	201120	209164	217209	225254	233298	241344	249389	257433	265478
68.50		201951	210093	217604	226115	237335	241650	250281	258911	266491
69.00		204047	211023	217999	228462	238748	244159	252878	260380	268218
69.05	2.23/32	204047	211023	217999	228462	238748	244159	252878	260380	268218
69.50		204047	211023	217999	228462	238748	244159	252878	260380	268218
69.85	2.3/4	204047	211023	217999	228462	238748	244159	252878	260380	268218
70.00		204047	211023	217999	228462	238748	244159	252878	260380	268218
70.50		208395	215837	223279	230722	240278	245608	253050	260492	268800
70.64	2.25/32	210662	218185	225709	233232	240757	248280	255803	263327	270851
71.00		210662	218185	225709	233232	240757	248280	255803	263327	270851
71.44	2.13/16	210662	218185	225709	233232	240757	248280	255803	263327	270851
71.50		210662	218185	225709	233232	240757	248280	255803	263327	270851
72.00		214733	222402	230071	237740	245409	253078	260748	268416	276085
72.23	2.27/32	214733	222402	230071	237740	245409	253078	260748	268416	276085
72.50		214733	222402	230071	237740	245409	253078	260748	268416	276085
73.00		214733	222402	230071	237740	245409	253078	260748	268416	276085
73.02	2.7/8	214733	222402	230071	237740	245409	253078	260748	268416	276085
73.50		224121	232197	240274	248350	256427	264503	272580	280656	288732
73.82	2.29/32	226491	234654	242816	250977	259139	267301	275463	283625	291787
74.00		226491	234654	242816	250977	259139	267301	275463	283625	291787
74.50		226491	234654	242816	250977	259139	267301	275463	283625	291787
74.61	2.15/16	226491	234654	242816	250977	259139	267301	275463	283625	291787
75.00		229310	237573	245837	254100	262364	270627	278891	287154	295418
75.41	2.31/32	229310	237573	245837	254100	262364	270627	278891	287154	295418
75.50		229310	237573	245837	254100	262364	270627	278891	287154	295418
76.00		229310	237573	245837	254100	262364	270627	278891	287154	295418
76.2	3	229310	237573	245837	254100	262364	270627	278891	287154	295418
76.99	3.1/32	265661	276966	288270	299576	310880	322184	333489	-	-
77.00		265661	276966	288270	299576	310880	322184	333489	-	-
77.79	3.1/16	265661	276966	288270	299576	310880	322184	333489	-	-
78.00		265661	276966	288270	299576	310880	322184	333489	-	-
78.58	3.3/32	270959	282489	294020	305550	317080	328610	340140	-	-
79.00		270959	282489	294020	305550	317080	328610	340140	-	-
79.37	3.1/8	278152	289989	301825	313661	325498	337334	349170	-	-
80.00		278152	289989	301825	313661	325498	337334	349170	-	-
80.17	3.5/32	297507	310167	322828	335488	348147	360807	373467	-	-
80.96	3.3/16	297507	310167	322828	335488	348147	360807	373467	-	-
81.00		297507	310167	322828	335488	348147	360807	373467	-	-
81.76	3.7/32	305241	318231	331219	344209	357197	370187	383175	-	-
82.00		305241	318231	331219	344209	357197	370187	383175	-	-
82.55	3.1/4	305241	318231	331219	344209	357197	370187	383175	-	-
83.00		311547	324804	338061	351318	364576	377833	391090	-	-
83.34	3.9/32	311547	324804	338061	351318	364576	377833	391090	-	-
84.00		311547	324804	338061	351318	364576	377833	391090	-	-
84.14	3.5/16	316726	330204	343682	357160	370637	384115	397593	-	-
84.93	3.11/32	316726	330204	343682	357160	370637	384115	397593	-	-
85.00		316726	330204	343682	357160	370637	384115	397593	-	-
85.72	3.3/8	361274	376647	392021	407394	422767	438140	453514	-	-
86.00		361274	376647	392021	407394	422767	438140	453514	-	-
86.52	3.13/32	361274	376647	392021	407394	422767	438140	453514	-	-
87.00		361274	376647	392021	407394	422767	438140	453514	-	-

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

IS 7822 - 2005

Size		Price Each Rs.							
		Overall Length in millimeter							
mm	Inch	400	425	450	475	500	525	550	575
87.31	3.7/16	-	-	-	-	-	-	211880	227575
88.00		-	-	-	-	-	-	211880	227575
88.11	3.15/32	-	-	-	-	-	-	211880	227575
88.90	3.1/2	-	-	-	-	-	-	211880	227575
89.00		-	-	-	-	-	-	211880	227575
90.00		-	-	-	-	-	-	216200	232215
90.49	3.9/16	-	-	-	-	-	-	224264	240876
91.00		-	-	-	-	-	-	224264	240876
92.00		-	-	-	-	-	-	224264	240876
92.07	3.5/8	-	-	-	-	-	-	231587	248741
93.00		-	-	-	-	-	-	231587	248741
93.66	3.11/16	-	-	-	-	-	-	240346	258149
94.00		-	-	-	-	-	-	240346	258149
95.00		-	-	-	-	-	-	240346	258149
95.25	3.3/4	-	-	-	-	-	-	240346	258149
96.00		-	-	-	-	-	-	248392	266792
96.84	3.13/16	-	-	-	-	-	-	248392	266792
97.00		-	-	-	-	-	-	248392	266792
98.00		-	-	-	-	-	-	252785	271510
98.42	3.7/8	-	-	-	-	-	-	256394	275387
99.00		-	-	-	-	-	-	256394	275387
100.00		-	-	-	-	-	-	256394	275387
100.01	3.15/16	-	-	-	-	-	-	260786	280103
101.00		-	-	-	-	-	-	260786	280103
101.6	4	-	-	-	-	-	-	260786	280103
102.00		-	-	-	-	-	-	260786	280103

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

IS 7822 - 2005

Size		Price Each Rs.							
		Overall Length in millimeter							
mm	Inch	600	625	650	675	700	725	750	775
87.31	3.7/16	243269	258965	274659	290353	306049	321743	337437	353133
88.00		243269	258965	274659	290353	306049	321743	337437	353133
88.11	3.15/32	243269	258965	274659	290353	306049	321743	337437	353133
88.9	3.1/2	243269	258965	274659	290353	306049	321743	337437	353133
89.00		243269	258965	274659	290353	306049	321743	337437	353133
90.00		248231	264245	280260	296274	312290	328305	344319	360334
90.49	3.9/16	257488	274100	290714	307326	323938	340550	357162	373774
91.00		257488	274100	290714	307326	323938	340550	357162	373774
92.00		257488	274100	290714	307326	323938	340550	357162	373774
92.07	3.5/8	265896	283051	300204	317359	334514	351668	368823	385978
93.00		265896	283051	300204	317359	334514	351668	368823	385978
93.66	3.11/16	275953	293755	311559	329363	347166	364970	382772	400576
94.00		275953	293755	311559	329363	347166	364970	382772	400576
95.00		275953	293755	311559	329363	347166	364970	382772	400576
95.25	3.3/4	275953	293755	311559	329363	347166	364970	382772	400576
96.00		285192	303591	321990	340390	358789	377188	395589	413988
96.84	3.13/16	285192	303591	321990	340390	358789	377188	395589	413988
97.00		285192	303591	321990	340390	358789	377188	395589	413988
98.00		290236	308960	327685	346410	365134	383860	402585	421309
98.42	3.7/8	294378	313370	332363	351355	370347	389339	408331	427324
99.00		294378	313370	332363	351355	370347	389339	408331	427324
100.00		294378	313370	332363	351355	370347	389339	408331	427324
100.01	3.15/16	299421	318738	338056	357374	376691	396009	415325	434643
101.00		299421	318738	338056	357374	376691	396009	415325	434643
101.6	4	299421	318738	338056	357374	376691	396009	415325	434643
102.00		299421	318738	338056	357374	376691	396009	415325	434643

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

IS 7822 - 2005

Size		Price Each Rs.								
		Overall Length in millimeter								
mm	Inch	800	825	850	875	900	925	950	975	1000
87.31	3.7/16	368827	384522	400217	415911	431606	447301	462995	-	-
88.00		368827	384522	400217	415911	431606	447301	462995	-	-
88.11	3.15/32	368827	384522	400217	415911	431606	447301	462995	-	-
88.9	3.1/2	368827	384522	400217	415911	431606	447301	462995	-	-
89.00		368828	384523	400218	415912	431608	447302	462996	-	-
90.00		376349	392364	408379	424393	440409	456423	472438	-	-
90.49	3.9/16	390386	406998	423611	440223	456835	473447	490059	-	-
91.00		390386	406998	423611	440223	456835	473447	490059	-	-
92.00		390386	406998	423611	440223	456835	473447	490059	-	-
92.07	3.5/8	403132	420287	437442	454596	471750	488905	506060	-	-
93.00		403132	420287	437442	454596	471750	488905	506060	-	-
93.66	3.11/16	418380	436183	453986	471789	489593	507397	525200	-	-
94.00		418380	436183	453986	471789	489593	507397	525200	-	-
95.00		418380	436183	453986	471789	489593	507397	525200	-	-
95.25	3.3/4	418380	436183	453986	471789	489593	507397	525200	-	-
96.00		432387	450786	469186	487585	505985	524384	542784	-	-
96.84	3.13/16	432387	450786	469186	487585	505985	524384	542784	-	-
97.00		432387	450786	469186	487585	505985	524384	542784	-	-
98.00		440034	458759	477484	496209	514934	533658	552383	-	-
98.42	3.7/8	446315	465308	484300	503292	522284	541276	560268	-	-
99.00		446315	465308	484300	503292	522284	541276	560268	-	-
100.00		446315	465308	484300	503292	522284	541276	560268	-	-
100.01	3.15/16	453961	473278	492596	511913	531231	550549	569865	-	-
101.00		453961	473278	492596	511913	531231	550549	569865	-	-
101.6	4	453961	473278	492596	511913	531231	550549	569865	-	-
102.00		453961	473278	492596	511913	531231	550549	569865	-	-

NOTE : Sizes 6 mm to 50 mm, in OAL 200, 250, 315, 400 and 500 mm OAL will be as per IS-7822/2005.

M.O.Q.:

UPTO	31.75 MM DIA & 525 MM OAL	25 NOS EACH
ABOVE	31.75 MM DIA TO 36 MM DIA & UPTO 525 MM OAL	10 NOS EACH
FROM	18.0 MM DIA TO 23 MM DIA & ABOVE 525 MM OAL TO 700 MM OAL	8 NOS EACH
FROM	18.0 MM DIA TO 23 MM DIA & ABOVE 700 MM OAL	5 NOS EACH
ABOVE	23.0 MM DIA TO 26.0 MM DIA & ABOVE 525 MM OAL TO 700 MM OAL	6 NOS EACH
ABOVE	23.0 MM DIA TO 26.0 MM DIA & ABOVE 700 MM OAL	5 NOS EACH
ABOVE	26.0 MM DIA TO 31.75 MM DIA & ABOVE 525 MM OAL TO 700 MM OAL	4 NOS EACH
ABOVE	26.0 MM DIA TO 31.75 MM DIA & ABOVE 700 MM OAL	3 NOS EACH
ABOVE	31.75 MM DIA TO 37.5 MM DIA & ABOVE 650 MM OAL TO 700 MM OAL	3 NOS EACH
ABOVE	31.75 MM DIA TO 37.5 MM DIA & ABOVE 700 MM OAL	3 NOS EACH
ABOVE	37.5 MM DIA TO 50.0 MM DIA & ABOVE 650 MM OAL	2 NOS EACH
ABOVE	50.0 MM DIA TO 102.0 MM DIA & FOR ALL OAL	2 NOS EACH

HSS TAPER SHANK CORE DRILLS

**IS 5366 - 1978
BS 328 (PART 1) - 1959**

Size		Price Each Rs.	Size		Price Each Rs.	Size		Price Each Rs.
mm	Inch		mm	Inch		mm	Inch	
7.00		1219	(26.99)	1.1/16	7416	51.00		36494
(7.14)	9/32	1219	27.00		7416	52.00		40191
7.50		1301	(27.78)	1.3/32	7699	(52.39)	2.1/16	40191
(7.94)	5/16	1297	28.00		8156	53.00		46950
8.00		1301	(28.57)	1.1/8	8157	(53.97)	2.1/8	46950
8.50		1327	29.00		8539	54.00		46950
(8.73)	11/32	1301	(29.37)	1.5/32	8539	55.00		49210
9.00		1331	30.00		9069	(55.56)	2.3/16	49210
(9.52)	3/8	1430	(30.16)	1.3/16	9069	56.00		51296
10.00		1430	(30.96)	1.7/32	9412	57.00		51296
(10.32)	13/32	1430	31.00		10583	(57.15)	2.1/4	51296
11.00		1432	(31.75)	1.1/4	11048	58.00		56055
(11.11)	7/16	1432	32.00		12108	(58.74)	2.5/16	56055
(11.91)	15/32	1532	(32.54)	1.9/32	12108	59.00		57092
12.00		1532	33.00		12362	60.00		57092
(12.70)	1/2	1618	(33.34)	1.5/16	12362	(60.32)	2.3/8	57092
13.00		2189	34.00		13559	61.00		60843
(13.49)	17/32	2397	(34.13)	1.11/32	13559	(61.91)	2.7/16	60843
14.00		2397	(34.92)	1.3/8	14319	62.00		60843
(14.29)	9/16	2466	35.00		14319	63.00		62594
15.00		2573	(35.72)	1.13/32	15401	(63.50)	2.1/2	62594
(15.08)	19/32	2573	36.00		15401	64.00		68343
15.87	5/8	2632	(36.51)	1.7/16	16247	65.00		68343
16.00		2632	37.00		16247	(65.09)	2.9/16	68343
(16.67)	21/32	2773	(37.31)	1.15/32	16709	66.00		71657
17.00		2773	38.00		17877	(66.67)	2.5/8	71657
(17.46)	11/16	2995	(38.10)	1.1/2	17877	67.00		74647
18.00		3221	39.00		19602	68.00		78273
(18.26)	23/32	3221	(39.69)	1.9/16	19602	(68.26)	2.11/16	78273
19.00		3682	40.00		19602	69.00		82097
(19.05)	3/4	3682	41.00		21606	(69.85)	2.3/4	83635
(19.84)	25/32	3697	(41.27)	1.5/8	21606	70.00		83635
20.00		3697	42.00		22246	71.00		85290
(20.64)	13/16	3955	(42.86)	1.11/16	22961	(71.44)	2.13/16	85290
21.00		3955	43.00		22961	72.00		89189
(21.43)	27/32	4180	44.00		24270	73.00		92496
22.00		4180	(44.45)	1.3/4	24270	(73.02)	2.7/8	92496
(22.22)	7/8	4435	45.00		25128	74.00		95993
23.00		4697	46.00		26059	(74.61)	2.15/16	95993
(23.02)	29/32	4697	(46.04)	1.13/16	26059	75.00		99530
(23.81)	15/16	5125	47.00		27078	76.00		104310
24.00		5379	(47.62)	1.7/8	28475	(76.20)	3	104310
(24.61)	31/32	5379	48.00		28475			
25.00		6225	49.00		30406			
(25.40)	1	6225	(49.21)	1.15/16	30406			
26.00		6718	50.00		32720			
(26.19)	1.1/32	6718	(50.80)	2	36180			

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.

M.O.Q. - For sizes

upto 31.75 mm (1.1/4")	-	35 Nos. each
over 31.75 mm (1.1/4") to 45 mm (1.3/4")	-	20 Nos. each
over 45 mm (1.3/4") to 50 mm (2")	-	10 Nos. each
over 50 mm (2") to 64 mm (2.1/2")	-	5 Nos. each
over 64 mm (2.1/2")	-	3 Nos. each

**HSS SHELL DRILLS
(TAPER HOLE 1 IN 96)**

BS: 122 (PART 2) 1964

Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.
1	3313	1.13/16	6555	3.1/4	23106
1.1/16	3497	1.7/8	6754	3.3/8	24851
1.1/8	3705	1.15/16	7079	3.1/2	37176
1.3/16	3932	2	7320	3.5/8	31524
1.1/4	4107	2.1/8	8090	3.3/4	32978
1.5/16	4306	2.1/4	8854	3.7/8	38174
1.3/8	4550	2.3/8	9906	4	42186
1.7/16	4752	2.1/2	12047		
1.1/2	4923	2.5/8	13997		
1.9/16	5205	2.3/4	15396		
1.5/8	5432	2.7/8	17109		
1.11/16	6166	3	18792		
1.3/4	6308	3.1/8	21069		

R.H. cutting with RH Helical Flutes will be supplied as standard

M.O.Q. -For sizes

upto 2-1/2" - 5 Nos. each
2.5/8" & above - 3 Nos. each

HSS CENTRE DRILLS

TYPE 'A' IS : 6708 – 1977			TYPE 'B' IS : 6709 – 1977			TYPE 'R' IS : 6710 – 1977			BS 328 (PART 2) 1950			
Pilot Dia mm	Body Dia mm	Price Each Rs.	Pilot Dia mm	Body Dia mm	Price Each Rs.	Pilot Dia mm	Body Dia mm	Price Each Rs.	Size BS No.	Pilot Dia Inch	Body Dia Inch	Price Each Rs.
1	3.15	210	1.6	6.3	429	1	3.15	210	BS 1	3/64	1/8	210
1.25	3.15	210	2	8	607	1.25	3.15	210	BS 2	1/16	3/16	210
1.6	4	210	2.5	10	774	1.6	4	210	BS 3	3/32	1/4	243
2	5	210	3.15	11.2	1030	2	5	210	BS 4	1/8	5/16	376
2.5	6.3	243	4	14	1381	2.5	6.3	243	BS 5	3/16	7/16	490
3.15	8	376	5	18	1973	3.15	8	376	BS 6	1/4	5/8	923
4	10	461	6.3	20	2324	4	10	461	BS 7	5/16	3/4	1425
5	12.5	780	8	25	3006	5	12.5	780				
6.3	16	923				6.3	16	923				
8	20	1425				8	20	1425				
10	25	1835				10	25	1835				

M.O.Q. -For all sizes – 50 Nos Each.

HSS CYLINDRICAL CUTTERS

IS : 6309 - 1982

Dia mm	Width mm	Price Each Rs.	Dia mm	Width mm	Price Each Rs.	Dia mm	Width mm	Price Each Rs.
40	(20)	2700		70	8173		(110)	28684
	(32)	3375		(90)	9596		125	34943
	(50)	4201	80	(36)	6960	125	(50)	24561
	(70)	5631		63	11065		(80)	34840
50	(25)	3459	80	80	13094	125	(110)	46887
50	40	4096		100	15074		(125)	52454
	63	5364	100	(40)	10880		140	58342
	80	6960		(70)	16479	160	125	87277
63	(32)	4926	100	(90)	20418			
63	50	6210						

Type 'N' Cutters with right hand helix will be supplied as standard.

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

M.O.Q. - For sizes

upto 80 mm dia - 3 Nos. each

100 mm dia and above - 2 Nos. each

**HSS HIGH POWER
CYLINDRICAL CUTTERS**

BS : 122 (PART 1) 1953

Length Inch	Price Each Rs. Diameter				
	2-1/2"	3"	3-1/2"	4"	4-1/2"
1	4402	5550	6151	7777	—
2	6517	8541	10255	13614	18831
3	8670	11603	14320	19438	26599
4	10802	14748	18436	24774	34840
5	13025	20739	27112	34396	42894
6	15243	26413	32262	40212	50975
7	17391	30813	37477	47940	59689
8	20364	35197	42692	54605	67260

Cutters with left hand helix will be supplied as standard

M.O.Q. - For sizes

For length 1" & 2 - 3 Nos. each

For length 3" & above - 2 Nos. each

**HSS HELICAL
CYLINDRICAL CUTTERS**

BS : 122 (PART 1) 1953

Length Inch	Price Each Rs. Diameter			Length Inch	Price Each Rs. Diameter		
	3"	4"	5"		3"	4"	5"
2	12282	18034	30076	5	30206	44442	61297
3	15547	24124	40515	6	38302	52295	71866
4	20907	30721	50988				

Cutters with left hand helix will be supplied as standard

M.O.Q. - For sizes

For 2 inch length - 3 Nos. each

3 inch length and above - 2 Nos. each

HSS SIDE AND FACE CUTTERS

IS : 6308 - 1982

Dia mm	Width mm	Bore mm	Price Each (Rs.)		Dia mm	Width mm	Bore mm	Price Each (Rs.)			
			Straight Teeth Type B	Staggered Teeth Type A				Straight Teeth Type B	Staggered Teeth Type A		
50	5	16	3165	3936	150	28		23879	29921		
	6		3289	4096		25665		32643			
	8		3375	4209		160		6	40	14088	15733
	10		3585	4479				8	14973	16728	
63	6	22	3877	5011	160	10	40	15862	17718		
63	8	22	4096	5467		12		16732	18683		
	10		4455	5631		14		17613	19683		
	12		4647	6068		16		18651	20668		
	14		4787	6509	160	18	40	19973	22868		
	16		5022	7021		20		20970	22868		
63	18	22	5355	7229		22		22206	25349		
80	6	27	4245	5328		160		25	40	23967	29393
	8		4704	5798	28		25665	30606			
	10		5022	6634	32		27936	33370			
	12		5355	7021	200		6	40		18436	20448
80	14	27	5695	7533		8	19893		22022		
	16		5958	7687		10	21529		24203		
	18		6634	8705		12	24885		27362		
	20		6921	9130	200	14	40	26505	29277		
100	6	32	6068	7358		16		28144	31224		
100	8	32	6486	7875		18		31408	35404		
	10		7170	8440		20		31750	36484		
	12		7687	9381	200	22	40	34670	39685		
	14		8142	9596		25		37933	43580		
	16		8705	10354		28		39937	46286		
100	18	32	9284	10644		32		44391	51878		
	20		9996	11239	225	6	40	23748	25755		
	22		10466	12851		8		25923	28352		
	25		11372	14011		10		28219	30540		
125	6	32	8506	10554		12		32850	35850		
125	8	32	9130	11372	225	14	40	35215	38761		
	10		9782	13232		16		37622	41640		
	12		11148	13738		18		42441	48257		
	14		12076	14676		20		42441	48257		
	16		12588	15243	225	22	40	46853	53437		
125	18	32	13500	17385		25		51308	58444		
	20		13979	18756		28		55866	63169		
	22		15437	20381		32		60417	67869		
	25		16881	21195	250	6	40	27255	29860		
	28		19008	24263		8		30035	32473		
150	6		10354	13313		10		32627	35052		
	8		11262	14402		12		38163	41793		
	10		12219	15519	250	14	40	41316	45033		
	12		14152	17875		16		44360	48257		
	14		15135	19008		18		50143	55826		
150	16		16127	20160		20		50143	55826		
	18		18108	22362	250	22	40	55490	61865		
	20		18108	22362		25		61180	67368		
	22		20104	24777		28		66506	74541		
	25		22041	27288		32		71775	81741		

Type 'N' Cutters will be supplied as standard
M.O.Q. - For sizes
Upto 150 mm dia - 4 Nos. each
above 150 mm dia - 3 Nos. each

HSS SIDE AND FACE CUTTERS

BS : 122 (PART 1) - 1953

Dia Inch	Width Inch	Price Each (Rs.)		Dia Inch	Width Inch	Price Each (Rs.)		
		Straight Teeth Type B	Staggered Teeth Type A			Straight Teeth Type B	Staggered Teeth Type A	
2.1/2	1/4	3877	-	5	5/16	9130	11372	
	5/16	4061	-		3/8	9782	13232	
	3/8	4245	-		7/16	10466	13465	
	7/16	4436	-		1/2	11148	13738	
	1/2	4627	-		5/8	12588	15243	
2.1/2	5/8	4960	-	5	3/4	13979	17391	
	3/4	5298	-		7/8	15437	20160	
	7/8	5653	-		1	16881	21195	
	1	6051	-		1.1/4	19496	-	
	1.1/4	6801	-		1.1/2	22180	-	
2.1/2	1.1/2	7578	-	6	1/4	10354	13313	
3	1/4	4297	5395		5/16	11262	14402	
	5/16	4515	5737		3/8	12219	15519	
	3/8	4787	6411		7/16	13184	16678	
	7/16	5011	6517		1/2	14152	17875	
3	1/2	5275	6634	6	5/8	16121	20160	
	5/8	5784	7427		3/4	18108	22362	
	3/4	6210	7890		7/8	20104	24777	
	7/8	6911	8603		1	22041	27271	
	1	7469	9284		1.1/4	25665	-	
3	1.1/4	8247	-	6	1.1/2	29277	-	
	1.1/2	9423	-		7	1/4	15351	17391
	3.1/2	1/4	5106	-		5/16	16611	19961
5/16		5395	-	3/8		17873	21530	
3/8		5737	-	7/16	19068	22608		
3.1/2	7/16	6077	-	7	1/2	20595	23631	
	1/2	6375	-		5/8	23058	27716	
	5/8	7065	-		3/4	25572	31002	
	3/4	7740	-		7/8	28114	34109	
	7/8	8344	-		1	30625	37157	
3.1/2	1	9178	-	7	1.1/4	35631	-	
	1.1/4	10383	-		1.1/2	40698	-	
	1.1/2	11702	-		8	1/4	18436	20476
4	1/4	6051	7358	5/16		19893	22022	
	5/16	6486	7875	3/8		21529	24203	
	4	3/8	6921	8344		8	7/16	23203
7/16		7358	8855	1/2			24885	27362
1/2		7687	9381	5/8	28144		31224	
5/8		8705	10354	3/4	31408		35512	
4	3/4	9596	11816	8	7/8	34670	39685	
	7/8	10466	12851		1	37933	43569	
	1	11372	14011		1.1/4	44384	-	
	1.1/4	12924	-		1.1/2	50833	-	
	1.1/2	14236	-		9	1/4	23748	26232
5	1/4	8506	10554	5/16		25923	28352	
		0						

HSS SIDE AND FACE CUTTERS

BS : 122 (PART 1) 1953

Dia Inch	Width Inch	Price Each (Rs.)		Dia Inch	Width mm	Price Each (Rs.)	
		Straight Teeth Type B	Staggered Teeth Type A			Straight Teeth Type B	Staggered Teeth Type A
9	3/8	28219	30540	10	5/16	30035	32473
	7/16	30414	33612		3/8	32627	35052
	1/2	32851	35895		7/16	35064	36666
	5/8	37622	41640		1/2	38163	41793
	3/4	41683	48257		5/8	44360	48257
9	7/8	46853	53437	10	3/4	50143	55826
	1	51308	55475		7/8	55493	61865
	1.1/4	60417	67869		1	61182	67368
	1.1/2	69549	77576		1.1/4	71775	81741
	1.3/4	85288	94623		1.1/2	83229	93923
10	1/4	27255	29860		1.3/4	101073	112866

Type 'B' (Straight Teeth) Cutters of width 3/4" and above will be supplied with LH Helix as standard
M.O.Q. - For sizes
Upto 6" dia - 4 Nos. each
above 6" dia - 3 Nos. each

HSS KEYWAY MILLING CUTTERS

IS : 6355 - 1982

Dia mm	Width mm	Price Each Rs.	Dia mm	Width mm	Price Each Rs.	Dia mm	Width mm	Price Each Rs.
50	5	2871	100	6	5550	160	12	16139
	6	3105		8	5957		14	17196
	8	3294		10	6486		16	18412
	10	3439		12	7065		18	19595
63	5	3368	100	14	7600	160	20	20907
63	6	3368		16	8178		22	22262
	8	3525		18	8655		25	24168
	10	3877		20	8845		28	25518
	12	4209	22	9879	32	28878		
63	14	4455	125	25	10554	200	12	23733
	16	4787		8	8506		14	25074
	18	5145		10	9304		16	26666
	80	5		4713	12		10147	18
80	6	4713	125	14	11185	200	20	30556
	8	5022		16	11928		22	32832
	10	5361		18	12924		25	35397
	12	6003		20	13687		28	38359
80	14	6486	160	22	14579		32	42697
	16	6892		25	15960		36	47031
	18	7281		28	17613		40	51495
	20	7740		10	15329			

Cutters will be radially turned with staggered teeth and without corner radius.
Type 'H' cutters will be supplied as standard.

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				

M.O.Q. - For sizes
Upto 63 mm dia - 4 Nos. each
Above 63 mm dia - 2 Nos. each

HSS SLOTTING CUTTERS

BS : 122 (PART 1) 1953

Dia Inch	Width Inch	Price Each Rs.	Dia Inch	Width Inch	Price Each Rs.	Dia Inch	Width Inch	Price Each Rs.
2.1/2	1/4	2333		5/16	3651		5/16	7021
	5/16	2529	3 1/2	3/8	3948		3/8	7639
	3/8	2704		7/16	4245	5	7/16	8282
	7/16	2854		1/2	4551		1/2	8923
	1/2	3016		5/8	5182		5/8	10147
2.1/2	5/8	3375		3/4	5631		3/4	11148
	3/4	3613	3 1/2	7/8	6077		7/8	12167
	7/8	3866		1	6517	5	1	13184
	1	4096	4	3/16	4010	6	1/4	8282
3	1/4	2667		1/4	4010		5/16	9179
3	5/16	2871		5/16	4479		3/8	10066
	3/8	3088	4	3/8	4889		7/16	10967
	7/16	3375		7/16	5695	6	1/2	11881
	1/2	3546		1/2	5737		5/8	13684
	5/8	3993		5/8	7172		3/4	15175
3	3/4	4350		3/4	7281		7/8	16678
	7/8	4802	4	7/8	8381		1	18234
	1	5298		1	8631			
3.1/2	1/4	3326	5	1/4	6411			
		0						

Cutters of width 3/4" and above are supplied with Left Hand Helical Flutes as standard
M.O.Q. - For sizes Upto 3" dia - 4 Nos. each
Above 3" dia - 3 Nos. each

HSS SINGLE ANGLE CUTTERS

IS : 6324 - 1971

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Each Rs.	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Each Rs.
50	12	16	60, 65, 70, 75, 80, 85	2988	80	32	22	70, 75, 80	6960
63	18	22	60, 65, 70, 75, 80, 85	4455	100	36	27	70, 75, 80	10443
63	26	22	70, 75, 80	5298					

RH Cutters in Type 'H' will be supplied as standard.
M.O.Q. - For all sizes - 3 Nos. each

HSS SINGLE ANGLE CUTTERS

BS : 122 (PART 1) 1953

Width Inch	Angle (Degrees)	Price Each Rs. Dia Inch		Width Inch	Angle (Degrees)	Price Each Rs. Dia Inch	
		2-3/4"	3"			2-3/4"	3"
5/16	30	3705	4096	1/2	45, 50, 55, 60, 65, 70, 80	4297	4851
7/16	40	4061	4633	5/8	50, 60, 65, 70, 80	4787	5395

RH Cutters will be supplied as standard. Price for LH Cutters will be same as above.
M.O.Q. - For all sizes - 3 Nos. each

HSS DOUBLE ANGLE CUTTERS

IS: 6325 - 1971.

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Each Rs.
50	12	16	12 x 55, 15 x 60, 65, 70, 75 & 80	3289
63	18	22	12 x 55, 15 x 60, 65, 70, 75 & 80	4500
50	14	16	20 x 90	3585
63	20	22	20 x 90	4713
50	16	16	25 x 100	3877
63	22	22	25 x 100	5096
80	32	22	15 x 65, 70, 75	6960
100	36	27	15 x 70, 75, 80	10443

Right Hand Cutters in Type 'H' will be supplied as standard
M.O.Q. - For sizes Upto 63 mm dia - 4 Nos. each **above 63 mm dia - 3 Nos each**

HSS DOUBLE ANGLE CUTTERS **BS 122 (PART 1) 1953**

Dia Inch	Width Inch	Bore Inch	Price Each Rs.	Dia Inch	Width Inch	Bore Inch	Price Each Rs.
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	4297	3	5/8	1-1/4	5361
	3/4	1	5182		3/4	1-1/4	5395

R H Cutters will be supplied as standard
M.O.Q. - For all sizes - 3 Nos. each

HSS EQUAL ANGLE CUTTERS **IS : 6326 - 1996**

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Each Rs.	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Each Rs.
50	8	16	45	2895	80	12	27	45	4327
50	10	16	60	3023	80	18	27	60	4902
50	14	16	90	3408	80	22	27	90	5550
63	10	22	45	3525	100	18	32	45	6839
63	14	22	60	3903	100	25	32	60	8000
63	20	22	90	4512	100	32	32	90	9362

We can also manufacture and supply
HSS EQUAL ANGLE CUTTERS TO OLD IS SPECIFICATION **IS : 6326 - 1971**
with the following dimensions and prices :

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Each Rs.	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Each Rs.
56	10	16	45	3289	80	16	22	45	4704
56	12	16	60	3439	80	20	22	60	5106
56	14	16	90	3705	80	22	22	90	5550
63	12	22	45	3705	100	18	27	45	6839
63	16	22	60	4096	100	25	27	60	8000
63	18	22	90	4297	100	28	27	90	8670

Type 'H' Cutters will be supplied as standard.
M.O.Q. - For all sizes - 3 Nos. each.

HSS EQUAL ANGLE CUTTERS **BS 122 (PART 1) 1953**

Dia Inch	Width Inch	Angle (Degrees)	Price Each Rs.	Dia Inch	Width Inch	Angle (Degrees)	Price Each Rs.
2.3/4	5/16	30, 40	3705	3	5/16	30, 40	4096
2.3/4	7/16	40	3877	3	7/16	30, 40	4297
2.3/4	1/2	45, 60, 90	3877	3	1/2	45, 60, 90	4297
2.3/4	5/8	60, 90	4297	3	5/8	60, 90	4704

M.O.Q. For all sizes - 3 Nos. each

HSS CONVEX CUTTERS

IS: 6323 - 1982

Dia mm	Width mm	Radius mm	Bore mm	Price Each Rs.	Dia mm	Width mm	Radius mm	Bore mm	Price Each Rs.
50	3.2	1.6	16	3948	80	12.6	6.3	27	6504
50	4	2	16	3948	80	16	8	27	7139
63	5	2.5	22	4960	100	20	10	32	10956
63	6	3	22	4960	100	24	12	32	12088
63	6.3	3.15	22	4960	100	25	12.5	32	12783
63	8	4	22	4960	125	32	16	32	21129
63	10	5	22	5467	125	40	20	32	25459
80	12	6	27	6504					

Cutters radially machine turned relieved in Type 'N' will be supplied as standard.
M.O.Q. - For all sizes - 2 Nos. each

We can also manufacture and supply
HSS CONVEX CUTTERS TO OLD IS SPECIFICATION
with the following dimensions and prices :

IS : 6323 - 1971

Dia mm	Width mm	Radius mm	Bore mm	Price Each Rs.	Dia mm	Width mm	Radius mm	Bore mm	Price Each Rs.
50	3	1.5	22	3948	70	16	8	22	6486
50	3.2	1.6	22	3948	90	18	9	27	8670
50	4	2	22	3948	90	20	10	27	9130
56	5	2.5	22	4674	90	22	11	27	10062
56	6	3	22	4674	90	24	12	27	10782
63	6	3	22	4960	90	25	12.5	27	11148
63	8	4	22	4960	100	28	14	32	13751
63	10	5	22	5467	110	32	16	32	17391
70	12	6	22	5894	110	36	18	32	22957
70	14	7	22	6486	125	40	20	40	25459

Cutters radially machine turned relieved in Type 'N' will be supplied as standard.
M.O.Q. - For all sizes - 2 Nos. each

HSS CONCAVE CUTTERS

IS : 6322 - 1982

Dia mm	Width mm	Radius mm	Bore mm	Price Each Rs.	Dia mm	Width mm	Radius mm	Bore mm	Price Each Rs.
50	8	1.6	16	4713	80	24	6.3	27	9777
50	9	2	16	4929	80	32	8	27	11495
63	10	2.5	22	5409	100	36	10	32	16015
63	12	3	22	5824	100	40	12	32	16881
63	12	3.15	22	5824	100	40	12.5	32	16881
63	16	4	22	5992	125	50	16	32	35567
63	20	5	22	7031	125	60	20	32	38655
80	24	6	27	9717					

Cutters radially machine turned relieved in Type 'N' will be supplied as standard.
M.O.Q. For all size - 2 Nos. each

**We can also manufacture and supply
HSS CONCAVE CUTTERS TO OLD IS SPECIFICATION
with the following dimensions and prices :**

IS : 6322 - 1971

Dia mm	Width mm	Radius mm	Bore mm	Price Each Rs.	Dia mm	Width mm	Radius mm	Bore mm	Price Each Rs.
56	8	1.5	22	4960	90	40	10	27	15243
56	8	1.6	22	4960	100	42	11	27	17777
56	9	2	22	5212	100	44	12	27	18374
56	10	2.5	22	5361	100	46	12.5	27	18732
63	14	3.5	22	6003	100	50	14	27	20613
70	24	6	22	8381	125	56	16	32	28375
70	28	7	22	8796	125	62	18	32	38655
90	36	9	27	13738	125	70	20	32	40698

**Cutters radially machine turned relieved in Type 'N' will be supplied as standard.
M.O.Q. For all sizes – 2 Nos. each.**

**HSS CONVEX CUTTERS
HSS CONCAVE CUTTERS**

BS : 122 (PART 1) 1953

Dia Inch	D.O.C. Inch	Bore Inch	Price each Rs.		Dia Inch	D.O.C. Inch	Bore Inch	Price each Rs.	
			Convex	Concave				Convex	Concave
2.1/4	1/8	1	4201	4960	3	3/4	1	7578	10942
2.1/4	3/16	1	4479	5142	3.1/4	13/16	1	8573	13094
2.1/4	1/4	1	4681	5480	3.1/4	7/8	1	9130	13313
2.1/2	5/16	1	4960	6003	3.1/2	15/16	1	10226	15579
2.1/2	3/8	1	5285	6509	3.1/2	1	1	10695	15799
2.1/2	7/16	1	5477	7031	4	1.1/8	1.1/4	13751	19315
2.1/2	1/2	1	5897	7498	4	1.1/4	1.1/4	15135	20613
2.3/4	9/16	1	6003	8796	4.1/4	1-3/8	1.1/4	20830	27162
2.3/4	5/8	1	6517	9018	4.1/4	1-1/2	1.1/4	22533	31127
3	11/16	1	7229	10774					

M.O.Q. - For all sizes – 2 Nos. each

HSS SINGLE CORNER ROUNDING CUTTERS

IS : 6314 - 1982

Dia mm	Width mm	Corner Radius mm	Bore mm	Price each Rs.	Dia mm	Width mm	Corner Radius mm	Bore mm	Price each Rs.
50	5	1.6	16	3993	80	12	6.3	27	6998
50	5	2	16	3993	80	16	8	27	7533
63	5	2.5	22	4851	100	18	10	32	14904
63	6	3	22	4851	100	20	12	32	15539
63	6	3.15	22	4851	100	20	12.5	32	15539
63	8	4	22	5076	125	24	16	32	20975
63	10	5	22	5409	125	28	20	32	24353
80	12	6	27	6998					

**Cutters will be radially machine turned relieved. RH cutters in Type 'N' will be supplied as standard.
M.O.Q. - For all sizes - 2 Nos. each**

**HSS SINGLE CORNER ROUNDING CUTTERS
TO OLD IS SPECIFICATION**

IS : 6314 - 1971

Dia mm	Corner Radius mm	Width mm	Bore mm	Price each Rs.	Dia mm	Corner Radius mm	Width mm	Bore mm	Price each Rs.
56	1.6	4	22	4201	100	11	21	27	16020
56	2.0	4.5	22	4201	100	12	22	27	16020
56	2.5	5	22	4201	100	12.5	22	27	16020
63	3.5	7	22	5076	100	14	25	27	16968
70	6.0	12	22	5784	100	16	28	32	18235
70	7.0	14	22	6077	100	18	31	32	23307
90	9.0	18	27	9094	125	20	35	32	24787
90	10.0	20	27	9879					

Cutters will be radially machine turned relieved. RH cutters in type 'N' will be supplied as standard
MOQ : For all sizes 2 Nos. each

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

BS : 122 (PART 1) 1953

Dia Inch	Corner Radius Inch	Bore Inch	Price each Rs.		Dia Inch	Corner Radius Inch	Bore Inch	Price each Rs.	
			Single Corner	Double Corner				Single Corner	Double Corner
2.1/4	1/16	1	4402	6221	3	3/8	1	7288	10389
2.1/4	3/32	1	4402	6221	3.1/4	13/32	1	8254	11928
2.1/4	1/8	1	4402	6221	3.1/4	11/16	1	8254	11928
2.1/2	5/32	1	4960	6998	3.1/2	15/32	1	9811	14402
2.1/2	3/16	1	4960	6998	3.1/2	1/2	1	9811	14402
2.1/2	7/32	1	5243	7498	3.1/2	9/16	1	10802	16110
2.1/2	1/4	1	5243	7498	3.1/2	5/8	1	10802	16110
2.3/4	9/32	1	6151	8922	3.3/4	11/16	1	15890	22762
2.3/4	5/16	1	6151	8922	3.3/4	3/4	1	15890	22762
3	11/32	1	7288	10389					

M.O.Q. - For all sizes - 2 Nos. each

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

BS : 2518 - 1954

Module mm	Price Each Rs.					
	22 mm Bore	1" Bore	27 mm Bore	32 mm Bore	40 mm Bore	50 mm Bore
0.5	-	2654	-	-	-	-
0.75	-	2654	-	-	-	-
1	2654	2654	-	-	-	-
1.25	2788	-	-	-	-	-
1.5	3047	3047	-	-	-	-
1.75	3047	-	3420	3883	-	-
2	-	3420	3420	3883	-	-
2.25	-	3420	3420	3883	-	-
2.5	-	3770	3770	4391	-	-
2.75	-	3770	3770	4391	-	-
3	-	4073	4073	5144	-	-
3.25	-	-	4281	5418	-	-
3.5	-	4500	4500	5517	-	-
3.75	-	-	5085	6027	-	-
4	-	5085	5085	5713	-	-
4.5	-	-	6087	7558	-	-
5	-	-	6392	7676	-	-
5.5	-	-	7676	8556	-	-
6	-	-	9589	9732	-	-
6.5	-	-	10960	11577	-	-
7	-	-	-	12177	-	-
8	-	-	-	14047	-	-
9	-	-	-	21570	21570	24589
10	-	-	-	23586	24448	26454
11	-	-	-	25599	28131	29490
12	-	-	-	27237	29490	31068
14	-	-	-	34305	34978	38478
16	-	-	-	-	-	48183

M.O.Q. - For all sizes – 2 Nos. each

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

BS : 2518 - 1954

D.P. No.	Price Each Rs.				D.P. No.	Price Each Rs.			
	Bore in Inch					Bore in Inch			
	2	1.1/2	1.1/4	1		2	1.1/2	1.1/4	1
1.5	48183				1.5	-	-	3883	3420
1.75	38477	38477	34795		1.75	-	-	-	3369
2	31068	29490	27237		2	-	-	-	3047
2.25	29490	28131	25599		2.25	-	-	-	3047
2.5	26455	24448	23586		2.5	-	-	-	3047
2.75	24589	21570	21570		2.75	-	-	-	2790
3			14047		3	-	-	-	2790
4			9732	9589	4	-	-	-	2654
5			7676	6392	5	-	-	-	2654
6			5710	5085	6	-	-	-	2654
7			5517	4500	7	-	-	-	2654
8			5145	4073	8	-	-	-	2654
9			4391	3770	9	-	-	-	-
10			4309	3733	10	-	-	-	-
11			3883	3420					

M.O.Q. - For all sizes – 2 Nos. each

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

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

BS : 228 - 1962

Pitch Inch	Roller Dia Inch	Price Each Rs.			Pitch Inch	Roller Dia Inch	Price Each Rs.		
		Cutter No					Cutter No		
		1	2	3			1	2	3
0.315	0.197	7021	7021	7021	0.75	0.475	12282	12282	12496
0.375	0.25	7281	7281	7281	1	0.625	23806	23806	23199
0.5	0.305	8225	8225	8225	1.25	0.75	27921	25824	25824
0.5	0.335	8225	8225	8225	1.5	1	28114	27921	29018
0.625	0.325	8225	8225	8225	1.75	1.1	37979	37550	37296
0.625	0.4	9217	9217	9217	2	1.15	55627	51165	49701

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 : Upto 0.75" Pitch – 1"
1" to 1.5" Pitch – 1.1/4"
1.75" & 2" – 1.3/4"

M.O.Q. For all sizes – 2 Nos. each

HSS SHELL END MILLS

IS : 6257 - 1982

Dia mm	Length mm	Bore mm	Price each Rs.	Dia mm	Length mm	Bore mm	Price each Rs.
40	32	16	5106	100	50	32	18436
50	36	22	6210	125	56	40	30911
63	40	27	8173	160	63	50	58342
80	45	27	12076				

Type 'N' Cutters with RH helical flutes for RH cutting will be supplied as standard.
M.O.Q. For sizes

Upto 63 mm dia – 4 Nos. each
80 mm dia and above – 3 Nos. each

HSS SHELL END MILLS

BS : 122 (PART 1) 1953

Dia Inch	Length Inch	Bore Inch	Price each Rs.	Dia Inch	Length Inch	Bore Inch	Price each Rs.
1.1/4	1	1/2	3512	3	1.3/4	1.1/4	10774
1.1/2	1.1/8	1/2	4297	3.1/2	1.7/8	1.1/4	13434
1.3/4	1.1/4	3/4	5106	4	2.1/4	1.1/2	19758
2	1.3/8	3/4	5803	4.1/2	2.1/4	1.1/2	23686
2.1/4	1.1/2	1	6998	5	2.1/4	1.1/2	30911
2.1/2	1.5/8	1	8140	5.1/2	2.1/4	2	36159
2.3/4	1.5/8	1	9255	6	2.1/4	2	41704

Cutters with RH helical flutes for RH cutting will be supplied as standard.

M.O.Q. For sizes

Upto 3" – 4 Nos. each
Above 3" – 3 Nos. each

HSS FACE CUTTERS

BS : 122 (PART 1) 1953

Dia Inch	Length Inch	Bore Inch	Price each Rs.	Dia Inch	Length Inch	Bore Inch	Price each Rs.
1.3/4	1.1/4	3/4	4403	3	1.11/16	1.1/8	9178
2	1.1/4	3/4	5076	4	1.3/4	1.1/8	15351
2.1/2	1.1/4	3/4	6411	5	2	1.1/2	25824

Cutters for with RH helical flutes for RH cutting will be supplied as standard.

M.O.Q. For sizes

Upto 3" – 4 Nos. each
Above 3" – 3 Nos. each

HSS HOLLOW MILLS

BS : 122 (PART 1) 1953

Bore Dia Inch	O.S. Dia Inch	Price Each Rs.	Bore Dia Inch	O.S. Dia Inch	Price Each Rs.	Bore Dia Inch	O.S. Dia Inch	Price Each Rs.
1/4	5/8	2333	7/16	1	3016	3/4	1.1/2	4455
9/32	3/4	2781	1/2	1	3016	13/16	1.1/2	4455
5/16	3/4	2781	9/16	1.1/4	3877	7/8	1.3/4	5565
11/32	3/4	2781	5/8	1.1/4	3877	15/16	1.3/4	5565
3/8	1	3016	11/16	1.1/2	4455	1	1.3/4	5565

M.O.Q. For all sizes – 5 Nos. each

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 Each (Rs.)								
	END MILLS		SLOT DRILLS		Dia mm	END MILLS		SLOT DRILLS	
	Parallel Shank	Taper Shank	Parallel Shank	Taper Shank		Parallel Shank	Taper Shank	Parallel Shank	Taper Shank
3	654	1089	793	1214	33	4141	6535		
4	654	1089	793	1214	34	4515	7169	4922	7626
5	654	1089	793	1214	35	4515	7169	4922	7626
6	731	1089	849	1214	36	4922	7857	5285	8894
7	822	1089	849	1214	37	5304	8568		
8	822	1089	849	1334	38	5654	8568	5700	8894
9	822	1178	849	1334	39	5998	9961		
10	822	1178	882	1362	40	6369	9961	6101	10150
11	822	1296	882	1362	41	6369	9961	6900	
12	849	1296	962	1521	42	7250	10952	6900	
13	961	1790			43	7250	10952	7671	
14	1052	1790	1231	1907	44		11444	7671	
15	1231	1907	1385	1979	45	8123	12307	7671	
16	1231	1907	1385	1979	46	8123	12596	8518	
17	1344	2328			47	8936	13047	8518	
18	1495	2328	1704	2270	48	8936	13047	8518	
19	1495	2689			49	8936	14672	9341	
20	1654	2689	1704	2270	50	9829	14672	9341	
21	1855	2822	1987	2820	51	9829	14672		
22	1877	2822	1987	2820	52	12099	20559		
23	2035	3077	2357	3358	53	12099	20559		
24	2035	3324	2357	3358	54	14335	25975		
25	2187	3324	2357	3358	55	17237	25975		
26	2269	4140	3357	4635	56	17237	25975		
27	2669	4628			57	20047	27263		
28	3114	4628		4909	58	20047	27263		
29	3114	5091			59	20047	27263		
30	3427	5091	4093	5886	60	21404	27263		
31		5405			61	21404	32689		
32	3739	5405	4093	5886	62	21908	32689		
					63	22282	32689		

End Mills

1. Tanged TS End Mills in Tool Type 'N' with LH Helical Flutes for RH cutting will be supplied as standard.
2. PS End Mills, Type 'N' RH Helical flutes for RH cutting will be supplied as standard.
3. TS End Mills with tapped end from 6 mm dia, can be manufactured and supplied as per IS : 6354-1991

Parallel Shank End Mills : M.O.Q. For sizes

- Upto 8 mm – 50 Nos. each
- Above 8 mm to 22 mm – 35 Nos. each
- Above 22 mm to 25 mm – 30 Nos. each
- Above 25 mm to 32 mm – 20 Nos. each
- Above 32 mm to 40 mm – 15 Nos. each
- Above 40 mm to 48 mm – 10 Nos. each
- Above 48 mm – 5 Nos. each

Taper Shank End Mills : M.O.Q. For sizes

- Upto 16 mm – 25 Nos. each
- Above 16 mm to 25 mm – 20 Nos. each
- Above 25 mm to 32 mm – 15 Nos. each
- Above 32 mm to 45 mm – 10 Nos. each
- Above 45 mm to 50 mm – 5 Nos. each
- Above 50 mm – 4 Nos. each

Slot Drill

Slot Milling Cutter 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. Prices and MOQ for standard series can be furnished on request. T.S. Slot Milling Cutters with tapped end from 6 mm dia can be manufactured and supplied as per IS 6388-1991

Parallel Shank Slot Drills : M.O.Q. For sizes

- Upto 6 mm – 50 Nos. each
- Above 6 mm to 18 mm – 35 Nos. each
- Above 18 mm to 25 mm – 25 Nos. each
- Above 25 mm to 32 mm – 20 Nos. each
- Above 32 mm to 38 mm – 15 Nos. each
- Above 38 mm to 50 mm – 7 Nos. each

Taper Shank Slot Drills : M.O.Q. For sizes

- Upto 18 mm – 25 Nos. each
- Above 18 mm to 32 mm – 20 Nos. each
- Above 32 mm to 38 mm – 15 Nos. each
- Above 38 mm – 10 Nos. each

For Long Series End Mills

Ref. Page 3 Point III – For price and MOQ

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

BS - 122 (PART 1) 1953

Dia Inch	Price Each (Rs.)			
	END MILLS		SLOT DRILLS	
	Parallel Shank	Taper Shank	Parallel Shank	Taper Shank
1/8	654	1016	793	1090
5/32	654	1016	793	1090
3/16	654	1016	793	1090
7/32	655	1041	847	1195
1/4	731	1041	849	1257
9/32	752	1041	-	-
5/16	822	1041	849	1334
3/8	822	1131	849	1334
7/16	822	1147	868	1362
1/2	849	1296	962	1521
9/16	1052	1790	1231	1907
5/8	1231	1907	1385	1979
11/16	1377	2151	1567	2153
3/4	1495	2270	1704	2270
13/16	1654	2580	1987	2820
7/8	1877	2825	1987	2820
15/16	-	3066	-	-
1	2187	3299	2357	3358
1-1/8	3114	4600	3357	4909
1-1/4	3739	5405	4093	5886
1-3/8	4515	7169	4922	7626
1-1/2	5285	8568	5700	8894
1-5/8	6369	9961	7056	-
1-3/4	8123	11444	7671	-
1-7/8	8957	13047	8518	-
2	9808	14672	9340	-
2-1/16	12099	-	-	-
2-1/8	14335	20332	-	-
2-3/16	17237	-	-	-
2-1/4	18649	25975	-	-
2-5/16	20047	-	-	-
2-3/8	21404	28346	-	-
2-1/2	24133	32689	-	-

End Mills

- Tanged End TS End Mills for RH cutting with Left Hand Helical flutes will be supplied as standard.
- PS End Mills for RH Cutting with Right Hand Helical flutes will be supplied as standard.

Parallel Shank End Mills

M.O.Q. For sizes

Upto 5/16"	-	50 Nos. each
Above 5/16" to 7/8"	-	35 Nos. each
Above 7/8" to 1"	-	30 Nos. each
Above 1" to 1-1/4"	-	15 Nos. each
Above 1-1/4" to 1-5/8"	-	10 Nos. each
Above 1-5/8"	-	5 Nos. each

Taper Shank End Mills

M.O.Q. For sizes

Upto 5/8"	-	25 Nos. each
Above 5/8" to 1"	-	20 Nos. each
Above 1" to 1-1/4"	-	15 Nos. each
Above 1-1/4" to 1-3/4"	-	10 Nos. each
Above 1-3/4"	-	5 Nos. each

Slot Drill

Slot Drills for RH cutting with RH Helical flutes will be supplied as standard

Parallel Shank Slot Drill

M.O.Q. For sizes

Upto 1/4"	-	50 Nos. each
Above 1/4" to 11/16"	-	35 Nos. each
Above 11/16" to 1"	-	25 Nos. each
Above 1" to 1-1/4"	-	20 Nos. each
Above 1-1/4" to 1-1/2"	-	15 Nos. each
Above 1-1/2"	-	7 Nos. each

Taper Shank Slot Drill

M.O.Q. For sizes

Upto 11/16"	-	25 Nos. each
Above 11/16" to 1-1/4"	-	20 Nos. each
Above 1-1/4"	-	15 Nos. each

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

IS : 2669 - 1971

Dia mm	Width mm	Price Each Rs.	Dia mm	Width mm	Price Each Rs.	Dia mm	Width mm	Price Each Rs.
10.5	2	1374	19.5	4	2176	28.5	10	4013
10.5	2.5	1374	19.5	5	2176	32.5	7	4746
10.5	3	1374	19.5	6	2176	32.5	8	4746
13.5	3	1718	22.5	5	2474	32.5	10	4746
13.5	4	1718	22.5	6	2474	45.5	10	8060
16.5	3	1913	22.5	8	2474			
16.5	4	1913	28.5	6	4013			
16.5	5	1913	28.5	8	4013			

M.O.Q. For sizes

10.5 mmdia	- 35 Nos. each
13.5 mm to 19.5 mm dia	- 30 Nos. each
22.5 mm dia	- 25 Nos. each
28.5 mm dia	- 15 Nos. each
32.5 mm dia	- 10 Nos. each
45.5 mm dia	- 10 Nos. each

**HSS CUTTERS FOR
WOODRUFF KEYSEATS**

BS : 122 (PART 1) 1953

B.S. No.	Price Each Rs.	B.S. No.	Price Each Rs.	B.S. No.	Price Each Rs.
204	1466	607	2801	1210	4958
304	1466	807	2801	1011	6034
404	1466	608	3386	1211	6034
305	2032	808	3386	812	6818
405	2032	1008	3386	1012	6818
505	2032	609	4190	1212	6818
406	2387	809	4190		
506	2387	1009	4190		
606	2387	810	4958		
507	2801	1010	4958		

M.O.Q. For sizes

Nos. 204, 304, 404, 305, 405	- 30 Nos. each
Nos. 406, 505 & 606	- 30 Nos. each
Nos. 507 to 807 and 608 to 1008	- 25 Nos. each
Nos. 609 to 809	- 15 Nos. each
Nos. 810 to 1210, 1011 to 1212	- 10 Nos. each

HSS 'T' SLOT CUTTERS WITH TAPER SHANK

IS : 2668 - 2004

Nom Size of T-Slot mm	Dia of Cutter mm	Price Each Rs.	Nom Size of T-Slot mm	Dia of Cutter mm	Price Each Rs.	Nom Size of T-Slot mm	Dia of Cutter mm	Price Each Rs.
10	18	5228	18	32	13750	36	60	42810
12	21	5712	22	40	18325	42	72	51952
14	25	10982	28	50	23756			

RH Cutters Tool Type 'N' will be supplied as standard.

M.O.Q. For sizes

- Upto 14 mm – 20 Nos. each
- Over 14 mm to 22 mm – 15 Nos. each
- Over 22 mm to 28 mm – 10 Nos. each
- Over 28 mm to 36 mm – 5 Nos. each
- Over 36 mm to 42 mm – 3 Nos. each

HSS 'T' SLOT CUTTERS

BS : 122 (PART 1) 1953

Nom Size of T-Slot Inch	Dia of Cutter Inch	Price Each Rs.	Nom Size of T-Slot Inch	Dia of Cutter Inch	Price Each Rs.	Nom Size of T-Slot Inch	Dia of Cutter Inch	Price Each Rs.
1/4	37/64	4201	5/8	1-21/64	10734	1-1/8	2-1/8	25125
5/16	45/64	4737	3/4	1-33/64	13327	1-1/4	2-5/16	29889
3/8	53/64	5179	7/8	1-45/64	15717	1-3/8	2-1/2	36892
7/16	61/64	5489	1	1-61/64	19465	1-1/2	2-3/4	47233
1/2	1-5/64	6631						

M.O.Q. For sizes

- Upto 1/2" – 20 Nos. each
- Over 1/2" to 7/8" – 15 Nos. each
- Over 7/8" to 1" – 10 Nos. each
- Over 1" to 1-3/8" – 5 Nos. each
- Over 1-3/8" to 1-1/2" – 3 Nos. each

HSS SCREWED SHANK

BS : 122 (PART 4) 1980

END MILLS/SLOT DRILLS – SHORT (NORMAL) SERIES

Dia mm	Price Each Rs.		Dia mm	Price Each Rs.		Dia mm	Price Each Rs.	
	End Mills	Slot Drills		End Mills	Slot Drills		End Mills	Slot Drills
3	1470	1727	12	1770	1972	26	4488	4857
4	1470	1727	13	2028	2084	28	5380	5904
5	1470	1727	14	2028	2286	30	5636	6465
6	1470	1727	16	2286	2574	32	6505	7049
7	1622	1727	18	2886	3257	34	7771	8374
8	1622	1727	20	3237	3600	36	9016	9604
9	1622	1727	22	3505	3708	38	9016	9604
10	1703	1840	24	4022	4279			
11	1703	1802	25	4022	4279			

RH Helical Flutes with RH Cutting

- M.O.Q. For sizes**
- Upto 32 mm – 35 Nos. each
 - Over 32 mm to 38 mm – 20 Nos. each

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

BS : 122 (PART 4) 1980

Dia Inch	Price Each Rs.		Dia Inch	Price Each Rs.		Dia Inch	Price Each Rs.	
	Short Series	Long Series		Short Series	Long Series		Short Series	Long Series
1/8	1470	1525	13/16	3237	4078	1 1/2	9016	10643
3/16	1470	1525	7/8	3505	4522	1 5/8	10487	13038
1/4	1470	1525	15/16	3753	4890	1 3/4	11731	15008
5/16	1622	1703	1	4022	5636	1 7/8	14596	17067
3/8	1622	1920	1 1/16	4488	6195	2	16897	19175
7/16	1703	2075	1 1/8	5380	6713			
1/2	1770	2390	1 3/16	5636	7235			
9/16	2028	2685	1 1/4	6505	7955			
5/8	2286	3032	1 5/16	7771	8543			
11/16	2685	3203	1 3/8	7771	9217			
3/4	2886	3603	1 7/16	9016	9962			

RH Helical Flutes with RH cutting

M.O.Q. For sizes

Upto 1-1/4" - 35 Nos. each

Over 1-1/4" to 1-3/4" - 20 Nos. each

Over 1-3/4" to 2" - 10 Nos. each

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

BS : 122 (PART 4) 1980

Dia Inch	Price Each Rs.		Dia Inch	Price Each Rs.		Dia Inch	Price Each Rs.	
	Short Series	Long Series		Short Series	Long Series		Short Series	Long Series
1/8	1727	1865	3/4	3257	3753	1-3/8	8374	9962
3/16	1727	1865	13/16	3600	4339	1-7/16	9604	10643
1/4	1727	1865	7/8	3708	4655	1-1/2	9604	11379
5/16	1727	1865	15/16	3933	5207	1-5/8	11169	13499
3/8	1727	1972	1	4279	5636	1-3/4	12345	15365
7/16	1802	2304	1-1/16	4857	6417	1- 7/8	15110	17317
1/2	1972	2436	1-1/8	5904	7247	2	17211	19175
9/16	2286	2870	1-3/16	6465	7865			
5/8	2574	3094	1-1/4	7049	8481			
11/16	3003	3445	1-5/16	8374	9240			

RH Helical Flutes with RH cutting

M.O.Q. For sizes

Upto 1-1/4" - 35 Nos. each

Over 1-1/4" to 1-3/4" - 20 Nos. each

Over 1-3/4" to 2" - 10 Nos. each

HSS HOLE MILLS (FINISHING) GUIDED - TYPE B

IS: 5989 - 1998

Size mm	PriceEach Rs.	Size mm	Price Each Rs.	Size mm	Price Each Rs.
6	2365	18	5573	30	12289
8	2451	20	6077	32	14265
10	2872	22	6947	34	19281
12	3248	24	8946	35	19281
13	4088	25	9646	36	20598
14	4088	26	10842	38	22024
15	4291	27	10842	40	25388
16	4291	28	11823	42	28279

M.O.Q. For sizes
 Upto 18 mm - 25 Nos. each
 Over 18.0 mm to 32 mm - 20 Nos. each
 Over 32 mm to 42 mm - 10 Nos. each

HSS HOLE MILLS (ROUGHING) GUIDED - TYPE B

IS: 5989 - 1998

Size mm	PriceEach Rs.	Size mm	Price Each Rs.	Size mm	Price Each Rs.
5.9	2365	17.8	5573	29.7	12289
7.9	2451	19.8	6077	31.7	14265
9.9	2872	21.7	6947	33.7	19281
11.8	3248	23.7	8946	34.7	19281
12.8	4088	24.7	8946	35.7	20598
13.8	4088	25.7	10842	37.7	22024
14.8	4291	26.7	10842	39.7	25388
15.8	4291	27.7	11823	41.6	28279

M.O.Q. For sizes
 Upto 18 mm - 25 Nos. each
 Over 18.0 mm to 32 mm - 20 Nos. each
 Over 32 mm to 42 mm - 10 Nos. each

HSS HAND REAMERS
HSS MACHINE REAMERS WITH TAPER SHANK
HSS CHUCKING REAMERS WITH PARALLEL SHANK
HSS CHUCKING REAMERS WITH TAPER SHANK

mm Sizes
IS : 5444-1978
IS : 5445-1978
IS : 5446-1978
IS : 5447-1978

Inch Sizes
BS 328 (PART 4)/
1983

Dia		Price Each Rs.			
		Reamers		Chucking Reamers	
mm	Inch	Hand	Machine	Parallel Shank	Taper Shank
3.00		1112	1112	1112	1112
(3.17)	1/8	1112	1112	1112	1112
(3.97)	5/32	1112	1112	1112	1112
4.00		1112	1112	1112	1112
(4.76)	3/16	1112	1112	1112	1112
5.00		1112	1112	1112	1112
(5.56)	7/32	1112	1112	1112	1112
6.00		1295	1295	1295	1295
(6.35)	1/4	1295	1295	1295	1295
7.00		1297	1297	1297	1297
(7.14)	9/32	1297	1297	1297	1297
(7.94)	5/16	1470	1470	1470	1470
8.00		1470	1470	1470	1470
(8.73)	11/32	1532	1532	1532	1532
9.00		1532	1532	1532	1532
(9.52)	3/8	1671	1671	1671	1671
10.00		1851	1851	1851	1851
(10.32)	13/32	1851	1851	1851	1851
11.00		2079	2079	2079	2079
11.11	7/16	2079	2079	2079	2079
(11.91)	15/32	2162	2162	2162	2162
12.00		2162	2162	2162	2162
(12.70)	1/2	2244	2244	2244	2244
13.00		2729	2729	2729	2729
(13.49)	17/32	2729	2729	2729	2729
14.00		2729	2729	2729	2729
(14.29)	9/16	2729	2729	2729	2729
15.00		2747	2747	2747	2747
(15.08)	19/32	2747	2747	2747	2747
(15.87)	5/8	2747	2747	2747	2747
16.00		2747	2747	2747	2747
(16.67)	21/32	3163	3163		3163
17.00		3163	3163		3163
(17.46)	11/16	3163	3163		3163
18.00		3386	3386		3386
(18.26)	23/32	3600	3600		3600
19.00		3600	3600		3600
(19.05)	3/4	3600	3600		3600
20.00		4013	4013		4013
(20.64)	13/16	4088	4088		4088
21.00		4542	4542		4542
22.00		4542	4542		4542
(22.22)	7/8	4542	4542		4542
23.00		5301	5301		5301
(23.81)	15/16	5874	5874		5874

HSS HAND REAMERS	mm Sizes	Inch Sizes
HSS MACHINE REAMERS WITH TAPER SHANK	IS : 5444-1978	BS 328 (PART 4)/
HSS CHUCKING REAMERS WITH PARALLEL SHANK	IS : 5445-1978	1983
HSS CHUCKING REAMERS WITH TAPER SHANK	IS : 5446-1978	
	IS : 5447-1978	

Dia		Price Each Rs.			
		Reamers		Chucking Reamers	
mm	Inch	Hand	Machine	Parallel Shank	Taper Shank
24.00		5874	5874	—	5874
25.00		5886	5886	—	5886
(25.40)	1	5993	5993	—	5993
26.00		7274	7274	—	7274
(26.99)	1.1/16	8319	8319	—	8319
27.00		8319	8319	—	8319
28.00		8319	8319	—	8319
(28.57)	1.1/8	8319	8319	—	8319
29.00		8825	8825	—	8825
30.00		9522	9522	—	9522
(30.16)	1.3/16	9522	9522	—	9522
31.00		10516	10516	—	10516
(31.75)	1.1/4	10516	10516	—	10516
32.00		10516	10516	—	10516
33.00		11942	11942	—	11942
(33.34)	1.5/16	11942	11942	—	11942
34.00		13417	13417	—	13417
(34.92)	1.3/8	14681	14681	—	14681
35.00		14681	14681	—	14681
36.00		14681	14681	—	14681
(36.51)	1.7/16	14788	14788	—	14788
37.00		16114	16114	—	16114
38.00		16114	16114	—	16114
(38.10)	1.1/2	16114	16114	—	16114
39.00		17809	17809	—	17809
(39.69)	1.9/16	19465	19465	—	19465
40.00		19465	19465	—	19465
41.00		19630	19630	—	19630
(41.27)	1.5/8	19630	19630	—	19630
42.00		23135	23135	—	23135
42.86	1.11/16	23135	23135	—	23135
43.00		23135	23135	—	23135
44.00		23135	23135	—	23135
(44.45)	1.3/4	23135	23135	—	23135
45.00		27110	27110	—	27110
46.00		27110	27110	—	27110
47.00		29272	29272	—	29272
(47.62)	1.7/8	31439	31439	—	31439
48.00		31439	31439	—	31439
49.00		31439	31439	—	31439
(49.21)	1.15/16	31439	31439	—	31439
50.00		31439	31439	—	31439
(50.80)	2	31439	31439	—	31439
51.00		31439	31439	—	—
52.00		37475	37475	—	—

HSS HAND REAMERS
HSS MACHINE REAMERS WITH TAPER SHANK
HSS CHUCKING REAMERS WITH PARALLEL SHANK
HSS CHUCKING REAMERS WITH TAPER SHANK

mm Sizes
IS : 5444-1978
IS : 5445-1978
IS : 5446-1978
IS : 5447-1978

Inch Sizes
BS 328 (PART 4)/
1983

Dia		Price Each Rs.			
		Reamers		Chucking Reamers	
mm	Inch	Hand	Machine	Parallel Shank	Taper Shank
(52.39)	2.1/16	37475	37475	-	-
53.00		37475	37475	-	-
(53.97)	2.1/8	37475	37475	-	-
54.00		37475	37475	-	-
55.00		43515	43515	-	-
(55.56)	2.3/16	43515	43515	-	-
56.00		43515	43515	-	-
57.00		43515	43515	-	-
(57.15)	2.1/4	43515	43515	-	-
58.00		46559	46559	-	-
(58.74)	2.5/16	46559	46559	-	-
59.00		46559	46559	-	-
60.00		55241	55241	-	-
(60.32)	2.3/8	55241	55241	-	-
61.00		55241	55241	-	-
(61.91)	2.7/16	55241	55241	-	-
62.00		55241	55241	-	-
63.00		55241	55241	-	-
(63.50)	2.1/2	55241	55241	-	-
64.00		55241	55241	-	-
65.00			66694	-	-
(65.09)	2.9/16	66694	66694	-	-
66.00			68945	-	-
(66.67)	2.5/8	68945	68945	-	-
67.00			68945	-	-
68.00			73911	-	-
(68.26)	2.11/16	73911	73911	-	-
69.00			73911	-	-
(69.85)	2.3/4	73911	73911	-	-
70.00			73911	-	-
71.00			73911	-	-
(71.44)	2.13/16	77655	77655	-	-
72.00			90292	-	-
73.00			90292	-	-
(73.02)	2.7/8	90292	90292	-	-
74.00			90292	-	-
(74.61)	2.15/16	90282	90292	-	-
75.00			94814	-	-
76.00			94814	-	-
(76.20)	3	94814	94814	-	-
M.O.Q.		- For sizes -	Upto 12.0 mm (1/2")	-	25 Nos. each
Hand and Machine Reamers		-	13.0 to 18.0 mm (17/32" to 11/16")	-	20 Nos. each
Chucking Reamers		-	19.0 to 25 mm (23/32" to 1")	-	15 Nos. each
			26.0 to 30 mm (1.1/16" to 1.3/16")	-	10 Nos. each
			31.0 to 40 mm (1.1/4" to 1.1/2")	-	5Nos. each
			41.0 to 63 mm (1.9/16" to 2.1/2")	-	3 Nos. each
			64.0 to 76.0 mm (2.9/16" to 3")	-	2 Nos. each

HSS TAPER SHANK EXTRA LONG MACHINE REAMERS

Dia mm	Price Each Rs.	Dia Inch	Price Each Rs.
8 x 125 x 200	2128	5/16 x 125 x 200	2128
8 x 175 x 250	2274	5/16 x 175 x 250	2274
8 x 200 x 300	2494	5/16 x 200 x 300	2494
8 x 225 x 300	3129	3/8 x 125 x 200	2673
9 x 125 x 200	2076	3/8 x 175 x 250	2851
9 x 175 x 250	2390	3/8 x 200 x 300	3026
10 x 125 x 200	2673	7/16 x 160 x 250	3167
10 x 175 x 250	2851	7/16 x 200 x 300	3337
10 x 200 x 300	3026	1/2 x 175 x 200	3570
10 x 300 x 400	3233	1/2 x 200 x 300	3610
12 x 160 x 250	3167	9/16 x 200 x 300	4243
12 x 200 x 300	3337	9/16 x 250 x 350	4496
13 x 200 x 300	3817	5/8 x 200 x 300	4243
14 x 160 x 250	3557	5/8 x 250 x 350	4540
14 x 200 x 300	4177	5/8 x 300 x 400	4747
15 x 200 x 300	4243	11/16 x 200 x 300	5266
15 x 300 x 400	4747	3/4 x 200 x 300	5589
16 x 200 x 300	4041	3/4 x 300 x 400	5949
16 x 300 x 400	4747	13/16 x 200 x 300	7042
17 x 200 x 300	4786	7/8 x 200 x 300	8343
18 x 200 x 300	5261	7/8 x 300 x 400	8523
19 x 200 x 300	5589	1 x 275 x 400	10270
20 x 200 x 300	6201	1 x 200 x 315	9144
20 x 300 x 400	7007	1-1/8 x 275 x 400	15603
22 x 200 x 300	7042		
25 x 200 x 315	9044		
25 x 275 x 400	10276		
26 x 275 x 400	12699		
28 x 175 x 400	14587		

**M.O.Q. – Sizes Upto 20 mm – 10 Nos.
 Sizes Above 20 mm – 5 Nos.**

HSS MACHINE JIG REAMERS

IS: 11002 - 1984

Dia mm	PriceEach Rs.	Dia mm	Price Each Rs.	Dia mm	Price Each Rs.
6	1809	21	5789	36	17937
7	1924	22	5789	37	19177
8	1924	23	5789	38	19177
9	2084	24	7453	39	19177
10	2376	25	8078	40	22044
11	2376	26	9030	41	22044
12	2724	27	9030	42	24628
13	3236	28	9812	43	24628
14	3236	29	10679	44	27060
15	3558	30	10679	45	29385
16	3558	31	12362	46	29385
17	4108	32	12362	47	32037
18	4601	33	14518	48	34841
19	4601	34	16718	49	34841
20	5018	35	16718	50	38735

RH Cutting with LH Helical Flutes will be supplied as standard M.O.Q.

- For sizes**
- Upto 16 mm – 20 Nos. each
 - 17 mm to 23 mm – 15 Nos. each
 - 24 mm to 28 mm – 10 Nos. each
 - 29 mm to 41 mm – 5 Nos each
 - 42 mm to 50 mm – 3 Nos each

HSS MACHINE JIG REAMERS

BS : 122 (PART 2) 1964

Dia Inch	PriceEach Rs.	Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.
1/4	1809	5/8	3386	1.1/4	11895
9/32	1924	11/16	4013	1.5/16	13937
5/16	1924	3/4	4433	1.3/8	15537
11/32	2016	13/16	4860	1.7/16	17252
3/8	2016	7/8	5573	1.1/2	18452
13/32	2337	15/16	7139	1.5/8	18969
7/16	2337	1	7749	1.3/4	25515
15/32	2524	1.1/16	8692	1.7/8	30756
1/2	2583	1.1/8	9449	2	37271
9/16	3142	1.3/16	10289		

RH Cutting with LH Helical Flutes will be supplied as standard M.O.Q.

- For sizes**
- Upto 5/8" – 20 Nos. each
 - 11/16 to 15/16 – 15 Nos. each
 - 1" to 1.1/8" – 10 Nos. each
 - 1.3/16" to 1.5/8" – 5 Nos. each
 - 1.3/4" to 2" – 3 Nos. each

HSS SHELL REAMERS (TAPER HOLE 1 IN 30)

IS: 5926 - 1970

Dia mm	PriceEach Rs.	Dia mm	Price Each Rs.	Dia mm	Price Each Rs.
21, 22, 23	3734	48	7976	79	23995
24, 25	3734	49	8030	80	26301
26, 27	3956	50	8358	81	26301
28	4246	51	9171	82	26301
29	4449	52,53,54	9257	83	28096
30	4470	55, 56	10158	84	28096
31	4649	57	10158	85	28369
32	4679	58, 59	11389	86	30099
33	4913	60	11389	87	30099
34	5112	61	13630	88	30099
35	5169	62, 63	13760	89	30387
36	5385	64	15827	90	35586
37	5593	65, 66	15977	91	35940
38	5671	67	17529	92	35940
39, 40	5954	68, 69	17529	93	37204
41	6218	70	17529	94	37204
42, 43	7055	71	19293	95	37571
44	7158	72, 73	19491	96	43049
45	7466	74, 75	21183	97	43049
46	7466	76	21389	98	43374
47	7820	77, 78	23750	99, 100	48015

RH Cutting Straight Flutes will be supplied as standard
M.O.Q. For sizes
Upto 63 mm - 5 Nos. each
64 mm & above - 3 Nos. each

**HSS SHELL REAMERS
(TAPER HOLE 1 IN 96)**

BS : 328 (PART 4) 1983

Dia Inch	PriceEach Rs.	Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.
1	3744	1-11/16	6987	2-3/4	17357
1-1/16	3956	1-3/4	7131	2-7/8	19465
1-1/8	4208	1-13/16	7394	3	21183
1-3/16	4388	1-7/8	7643	3-1/8	23750
1-1/4	4649	1-15/16	7983	3-1/4	26072
1-5/16	4883	2	8272	3-3/8	28096
1-3/8	5112	2-1/8	9171	3-1/2	30099
1-7/16	5340	2-1/4	9988	3-5/8	35609
1-1/2	5574	2-3/8	11143	3-3/4	37204
1-9/16	5885	2-1/2	13630	3-7/8	43049
1-5/8	6145	2-5/8	15827	4	47563

RH Cutting with LH Helical Flutes will be supplied as standard
M.O.Q. For sizes
Upto 2.1/2" - 5 Nos. each
2.5/8" & above - 3 Nos. each

HSS MACHINE BRIDGE REAMERS

IS: 5919 - 1978

Dia mm	Price Each Rs.	Dia mm	Price Each Rs.	Dia mm	Price Each Rs.
6.4	1932	17.5	5154	28	10227
7.4	1932	18	5789	29	11040
8.4	2263	19	5789	30	11040
9.4	2554	20	6361	31	12160
10	2826	21	7068	32	12160
11	2826	21.5	7068	33	13084
11.5	3302	22	7068	34	14036
12	3302	23	7708	35	14036
13	3600	23.5	7708	36	14978
13.5	3600	24	8382	37	15967
14	3600	25	8382	40	25388
15	4177	26	9449	43	30047
17	5154	27	9449	49	40868

RH Cutting with LH Helical Flutes will be supplied as standard

M.O.Q.	For sizes
Upto 12 mm	- 25 Nos. each
13 mm to 19 mm	- 15 Nos. each
20 mm to 30 mm	- 10 Nos. each
31 mm to 37 mm	- 5 Nos each
40 mm to 49 mm	- 3 Nos each

HSS MACHINE BRIDGE REAMERS

BS : 328 (PART 4) 1983

Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.
1/4	1889	11/16 MT3	5154	1.3/16	10598
5/16	2104	3/4	5789	1.1/4 MT3	11823
3/8	2405	13/16	6147	1.1/4 MT4	12160
7/16	2826	7/8	7068	1.5/16	12516
1/2	3054	15/16	7708	1.3/8	13417
9/16	3600	1	8382	1.7/16	14340
5/8	4177	1.1/16	9121	1.1/2	15967
11/16 MT2	4203	1.1/8	9798		

RH Cutting with LH Helical Flutes will be supplied as standard

M.O.Q.	For sizes
Upto 1/2"	- 25 Nos. each
9/16" to 3/4"	- 15 Nos. each
13/16" to 1-3/16"	- 10 Nos. each
1.1/4" & above	- 5 Nos. each

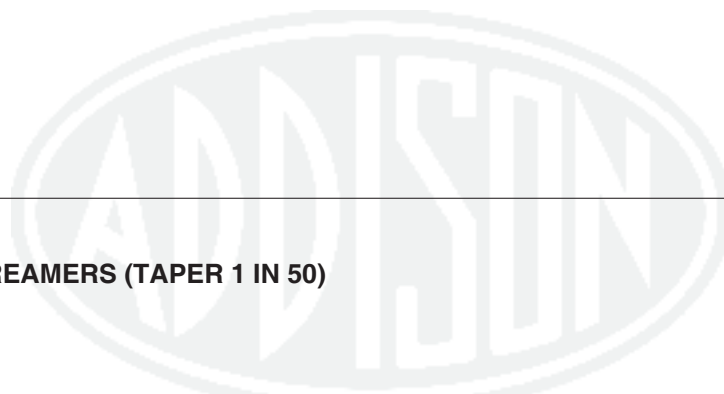
**HSS SOCKET REAMERS (ROUGHING/FINISHING)
PARALLEL SHANK/TAPER SHANK**

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

Morse Taper No.	Price Each Rs.		Morse Taper No.	Price Each Rs.		Morse Taper No.	Price Each Rs.	
	Parallel Shank	Taper Shank		Parallel Shank	Taper Shank		Parallel Shank	Taper Shank
0	2554	3031	3	5688	7115	6	33840	47183
1	2810	3197	4	9408	11208			
2	3913	4746	5	19177	20598			

**RH Cutting with RH Spiral Flutes will be supplied as standard for ROUGHING REAMERS
RH Cutting with LH Spiral Flutes will be supplied as standard for FINISHING REAMERS**

M.O.Q. For sizes
 Upto MT 4 – 35 Nos. each
 MT 5 – 20 Nos. each
 MT 6 – 5 Nos. each



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

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

Dia mm	Price Each Rs.		Dia mm	Price Each Rs.		Dia mm	Price Each Rs.	
	Hand	Machine		Hand	Machine		Hand	Machine
3	2389	2389	10	3586	3586	25	8929	8929
4	2389	2389	12	4329	4329	30	12015	12015
5	2389	2389	14	4860	4860	32	13202	13202
6	2389	2389	16	5411	5411	40	23607	23607
8	3233	3233	20	8416	8416	50	40913	40913

**14 mm will be as per IS : 1836 - 1961.
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.**

M.O.Q For Sizes
 Upto 10 mm – 20 Nos. each
 12 mm to 14 mm – 15 Nos. each
 16 mm to 32 mm – 10 Nos. each
 40 mm – 5 Nos. each
 50 mm – 3 Nos. each

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

BS : 328 (PART 4) 1983

Dia Inch	Price Each Rs.		Dia Inch	Price Each Rs.		Dia Inch	Price Each Rs.	
	Hand	Machine		Hand	Machine		Hand	Machine
9/64	2226	—	9/32	2435	2435	1/2	4052	4052
5/32	2226	2226	5/16	2696	2696	9/16	4684	4684
11/64	2226	2226	11/32	3043	3043	5/8	5210	5210
3/16	2226	2226	3/8	3103	3103	3/4	6567	6567
7/32	2226	2226	13/32	3481	3481	7/8	8103	8103
1/4	2226	2226	7/16	3584	3584			

**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**

M.O.Q. For sizes :

Upto 5/8" - 25 Nos. each

3/4" & 7/8" - 20 Nos. each

HSS TAPER SHANK COUNTER BORES

IS : 5710-1988

Dia mm	Price Each Rs.	Dia mm	Price Each Rs.	Dia mm	Price Each Rs.
13.5	2966	28	9976	43	19266
14.5	3316	29	10516	46	21937
16.5	3806	31	11465	48	23812
17.5	4094	33	13136	51	26879
19.5	4834	34	14003	53	29202
20	5067	36	15220	55	32145
22	5800	37	15860	57	35317
23	6658	39	17185	59	39134
25	8060	41	18636	61	43599
26	8933				

M.O.Q. For sizes

Upto 31 mm - 15 Nos. each

33 mm to 46 mm - 10 Nos. each

48 mm & above - 3 Nos. each

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

HSS TAPER SHANK COUNTER BORES

BS : 122 (PART 2) 1964

Dia Inch	Pilot Dia Inch	Price Each Rs.	Dia Inch	Pilot Dia Inch	Price Each Rs.	Dia Inch	Pilot Dia Inch	Price Each Rs.
1/4	1/8	1760	11/16	7/16	4094	1-1/4	3/4	11465
5/16	3/16	2002	3/4	1/2	4601	1-3/8	13/16	14003
3/8	7/32	2234	13/16	9/16	5102	1-1/2	7/8	16268
7/16	1/4	2311	7/8	5/8	5800	1-5/8	15/16	18646
1/2	5/16	2602	15/16	5/8	6818	1-3/4	1	21124
9/16	3/8	3236	1	3/4	8060	1-7/8	1 1/8	23466
5/8	7/16	3612	1-1/8	3/4	9976	2	1 1/4	25911

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

M.O.Q. For sizes

Upto 1-1/4"	-	15 Nos. each
1-3/8" to 1-3/4"	-	10 Nos. each
1-7/8" & 2"	-	3 Nos. each

HSS COUNTERSINKS WITH TAPER SHANK (60 OR 90 Degrees)

BS : 122 (PART 2) 1964

Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.
1/2	1953	1-1/8	6034	2	18134
5/8	2594	1-1/4	7596	2-1/4	20560
3/4	2939	1-3/8	8881	2-1/2	25515
7/8	3711	1-1/2	10524	2-3/4	30115
1	4668	1-3/4	15562	3	36421

RH Cutting with Straight Flutes will be supplied as standard

M.O.Q. For sizes

Upto 1-1/4"	-	15 Nos. each
1-3/8" to 1-3/4"	-	10 Nos. each
1-7/8" & above	-	3 Nos. each

HSS CENTRE REAMERS (60 OR 90 Degrees)

BS : 122 (PART 2) 1964

Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.	Dia Inch	Price Each Rs.
1/4	1182	1/2	1676	3/4	2801
3/8	1360	5/8	2279		

RH Rotation with Straight Flutes will be supplied as standard

M.O.Q. For all sizes - 20 Nos. each

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	Price Each Rs.						
	Hand Tap	Short M/C Tap Spiral Flute	Hand Tap SPPT Type B	Machine Tap		M/C Tap Long Shank Spiral Flute	Nut Tap
				Type A, C & D	Type B		
3 x 0.5	334	-	406	-	-	-	-
4 x 0.7	334	-	406	708	-	-	-
5 x 0.8	347	-	428	516	603	-	-
6 x 1.0	355	371	428	555	654	685	749
7 x 1.0	453	-	-	600	-	-	849
8 x 1.25	411	431	498	600	714	747	849
9 x 1.25	499	-	-	-	-	-	-
10 x 1.50	515	536	620	750	882	931	1132
11 x 1.50	788	-	-	-	-	-	-
12 x 1.75	786	830	947	1058	1253	1346	1737
14 x 2.00	1141	1204	1380	1533	1805	2040	2413
16 x 2.00	1141	1204	1380	1533	1805	2040	2413
18 x 2.50	1721	1808	2067	2229	2633	2924	3690
20 x 2.50	2262	2309	2636	2765	3236	3467	4922
22 x 2.50	2349	2469	2823	3066	3612	4076	4993
24 x 3.00	2639	2754	3151	3424	4034	4403	5672
25 x 3.00	3308	-	3840	-	-	-	6781
27 x 3.00	4080	-	4770	5264	6215	-	8711
30 x 3.50	4558	-	5339	5794	6840	-	10758
33 x 3.50	5563	-	6498	6788	8217	-	11876
36 x 4.00	7725	-	9043	8876	-	-	15365
39 x 4.00	9070	-	10618	10692	-	-	18330
42 x 4.50	10589	-	12375	12209	-	-	21826
45 x 4.50	14239	-	16668	16367	-	-	26320
48 x 5.00	15185	-	17777	18405	-	-	30791
52 x 5.00	19061	-	22308	21308	-	-	-
56 x 5.50	27115	-	-	27410	-	-	-
60 x 5.50	28589	-	-	32356	-	-	-
64 x 6.00	30075	-	-	36510	-	-	-
68 x 6.00	37528	-	-	50864	-	-	-

HAND TAPS :

A set consists of Taper, Second & Bottoming.
 Part 2 design will be supplied from 3 mm to 10 mm including 10 mm
 Part 3 design will be supplied above 10 mm.

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

HAND TAPS & MACHINE TAPS A, B, C & D and SPIRAL FLUTE TAPS

M.O.Q. – For sizes

M3 & M4 – 100 Nos. each
 M5 to M10 – 150 Nos. each
 M12 to M16 – 100 Nos. each
 M18 to M22 – 45 Nos. each
 M24 to M33 – 25 Nos. each
 M35 to M39 – 20 Nos. each
 M40 to M45 – 15 Nos. each
 M48 to M52 – 10 Nos. each
 M56 to M60 – 5 Nos. each
 Above M64 – 3 Nos. each

M.O.Q. – For sizes Nut Taps

Upto M10 – 50 Nos. each
 M12 to M16 – 25 Nos. each
 M18 to M39 – 20 Nos. each
 Above M42 – 10 Nos. each

HSS GROUND THREAD HAND TAPS M F P (NON-SERIAL) IS : 6175 - PART 2 & 3 - 1992 (6H TOL)
HSS GROUND THREAD MACHINE TAPS M F P IS : 6175 - PART 4 - 1991 (6H TOL)
HSS GROUND THREAD NUT TAPS M F P IS : 6175 PART 5 - 1991 (6H TOL)

Dia & Pitch mm	Price Each Rs.					
	Hand Tap	Short M/C Tap Spiral Flute	Hand Tap SPPT Type B	Machine Tap		Nut Tap
				Type A, C & D	Type B	
3 x 0.35	541	-	579	-	-	-
3.5 x 0.35	541	-	579	-	-	-
4 x 0.5	478	-	579	-	-	-
5 x 0.5	467	-	566	634	-	-
6 x 0.75	477	523	566	634	755	825
7 x 0.75	554	-	662	719	858	1067
8 x 0.75	548	-	656	685	813	968
8 x 1.0	499	547	592	685	813	968
9 x 0.75	609	-	777	942	1174	-
9 x 1.0	609	-	777	942	1174	968
10 x 0.75	689	-	853	-	-	-
10 x 1.0	579	631	679	791	942	1276
10 x 1.25	579	631	679	841	994	1276
11 x 1.0	964	-	1264	1225	1418	-
12 x 1.0	919	-	1042	1026	-	2003
12 x 1.25	919	971	1042	1141	1351	2003
12 x 1.5	919	971	1042	1141	1351	2003
14 x 1.0	1182	-	1420	1546	1831	2985
14 x 1.25	1214	1276	1455	1533	1805	2985
14 x 1.5	1141	1204	1380	1533	1805	2985
15 x 1.0	1389	-	-	1643	1924	-
15 x 1.5	1182	-	-	1533	1788	-
16 x 1.0	1182	-	1420	1643	1924	2985
16 x 1.5	1141	1204	1380	1533	1788	2985
18 x 1.0	2142	-	2405	2676	3216	4223
18 x 1.5	1999	2063	2195	2565	3024	4223
18 x 2.0	1999	2261	2405	2565	3024	4223
20 x 1.0	2651	-	3197	3343	4076	-
20 x 1.5	2482	2603	2769	3343	3951	5412
20 x 2.0	2482	2795	3197	3343	3951	5412
22 x 1.0	3001	-	3501	3343	4296	-
22 x 1.5	2697	2840	3021	3343	4089	5746
22 x 2.0	2697	3063	3501	3343	4089	5746
24 x 1.0	3054	-	3305	3873	4787	-
24 x 1.5	3054	3112	3305	3873	4562	6832
24 x 2.0	3054	3325	3805	3873	4562	6832
25 x 1.5	3376	-	4050	5042	5951	7681
25 x 2.0	3376	-	-	5042	5951	-
26 x 1.5	3394	-	-	4976	5872	-
26 x 2.0	3394	-	-	4976	5872	-
27 x 1.5	4533	-	5308	5951	7023	9683
27 x 2.0	4533	-	5308	5951	7023	-
28 x 1.5	4533	-	-	6430	7544	12058
28 x 2.0	4533	-	-	6430	7544	-
30 x 1.0	5114	-	-	6888	8100	-
30 x 1.5	5114	-	5969	6696	7899	12058
30 x 2.0	5114	-	5969	6696	7899	12058

HSS GROUND THREAD HAND TAPS M F P (NON-SERIAL) IS : 6175 - PART 2 & 3 - 1992 (6H TOL)
HSS GROUND THREAD MACHINE TAPS M F P IS : 6175 - PART 4 - 1991 (6H TOL)
HSS GROUND THREAD NUT TAPS M F P IS : 6175 PART 5 - 1991 (6H TOL)

Dia & Pitch mm	Price Each Rs.					
	Hand Tap	Short M/C Tap Spiral Flute	Hand Tap SPPT Type B	Machine Tap		Nut Tap
				Type A, C & D	Type B	
30 x 3.0	5114	—	5969	6696	7899	—
32 x 1.5	5380	—	—	7401	8835	—
32 x 2.0	5380	—	—	7401	8835	—
33 x 1.5	6233	—	—	8100	9611	13378
33 x 2.0	6233	—	—	8100	9611	13378
33 x 3.0	6233	—	—	8100	9611	—
35 x 1.5	8639	—	—	11257	—	—
36 x 1.5	8639	—	—	11257	—	—
36 x 2.0	8639	—	—	11257	—	—
36 x 3.0	8639	—	—	11257	—	—
39 x 1.5	10789	—	—	13675	—	—
39 x 2.0	10789	—	—	13675	—	—
39 x 3.0	10789	—	—	13675	—	—
40 x 1.5	10900	—	—	14720	—	—
40 x 2.0	11433	—	—	14720	—	—
40 x 3.0	11958	—	—	14720	—	—
42 x 1.5	11958	—	—	15526	—	—
42 x 2.0	11958	—	—	15526	—	—
42 x 3.0	11958	—	—	15526	—	—
42 x 4.0	11958	—	—	15526	—	—
45 x 1.5	16584	—	—	21662	—	—
45 x 2.0	16584	—	—	21662	—	—
45 x 3.0	16584	—	—	21662	—	—
45 x 4.0	16584	—	—	21662	—	—
48 x 1.5	17279	—	—	22444	—	—
48 x 2.0	17279	—	—	22444	—	—
48 x 3.0	17279	—	—	22444	—	—
48 x 4.0	17279	—	—	22444	—	—
50 x 1.5	19050	—	—	26125	—	—
50 x 2.0	19050	—	—	26125	—	—
50 x 3.0	19050	—	—	26125	—	—
52 x 1.5	21467	—	—	27891	—	—
52 x 2.0	21467	—	—	27891	—	—
52 x 3.0	21467	—	—	27891	—	—
52 x 4.0	21467	—	—	27891	—	—

HAND TAPS :
A set consists of Taper & Bottoming.
Part 2 design will be supplied upto and including 10 mm.
Part 3 design will be supplied above 10 mm.

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

HAND TAPS & MACHINE TAPS A, B, C & D and SPIRAL FLUTE TAPS

M.O.Q. – For sizes
M3 & M4 – 100 Nos. each
M5 to M10 – 150 Nos. each
M12 to M16 – 100 Nos. each
M18 to M22 – 45 Nos. each
M24 to M33 – 25 Nos. each
M35 to M39 – 20 Nos. each
M40 to M45 – 15 Nos. each
Above M48 – 10 Nos. each
M.O.Q. – For sizes Nut Taps
Upto M10 – 50 Nos. each
M12 to M16 – 25 Nos. each
Above M18 – 20 Nos. each

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

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

Dia Inch	M.O.Q.				Price Each Rs.
	BSW	BSF	UNC	UNF	
3/16	150	150	*	*	347
1/4	150	150	150	150	355
5/16	100	100	100	100	411
3/8	100	100	100	100	489
7/16	100	100	100	100	631
1/2	100	100	100	100	795
9/16	100	100	100	100	1154
5/8	100	100	100	100	1154
11/16	35	35	35	35	1749
3/4	35	35	35	35	1749
13/16	35	35	35	35	2064
7/8	35	35	35	35	2374
1	20	20	20	20	3054
1.1/8	20	20	20	20	4142
1.1/4	20	20	30	30	4991
1.3/8	20	20	20	20	6440
1.1/2	20	20	20	20	7725
1.5/8	10	10	10	-	9055
1.3/4	10	10	10	-	10592
2	10	10	10	-	15185
2.1/4	5	5	5	-	22693
2.1/2	5	5	5	-	29783
2.3/4	3	3	3	-	37168
3	3	3	3	-	49878

Hand Tap consists of I, II & III Taps (Taper, Second & Bottoming)
Range of UNF Taps - Upto 1.1/2" dia only
*3/16" size UNC/UNF not covered in BSS standard

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

**BS: 949-1969
ZONE - 3 TOL**

Size Inch	Price each Rs.	Size Inch	Price each Rs.	Size Inch	Price each Rs.
1/4	749	5/8	2413	1.1/4	10851
5/16	849	11/16	3111	1.3/8	13038
3/8	1041	3/4	3690	1.1/2	15642
7/16	1395	7/8	4993	1.3/4	21995
1/2	1737	1	6506	2	31063
9/16	2413	1.1/8	8775		

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

M.O.Q. - For sizes
 Upto 7/16" - 50 Nos. each
 Over 1/2" to 5/8" - 25 Nos. each
 Over 11/16 to 7/8" - 20 Nos. each
 Over 1" to 1-1/2" - 15 Nos. each
 Over 1-3/4" - 10 Nos. each

HSS GROUND THREAD HAND TAPS
BSP (PARALLEL)
BSP (TAPER) (RC-SERIES)
NPT, NPS, NPSF & NPTF
BS CONDUIT (ZONE - 3)

BS: 949 - 1951
BS: 949 (PART 3) - 1982
BS: 949 - 1969
BS: 949 - 1951

Dia Inch	Price Each Rs.						
	BSP (P)	NPS	NPSF	BSPT	NPT	BS CON	NPTF
1/16	—	—	—	—	718	—	718
1/8	519	615	746	689	718	—	834
1/4	807	1065	1302	1242	1305	—	1574
3/8	1187	1313	1574	1663	1737	—	1927
1/2	1733	1896	2287	2417	2525	1079	2807
5/8	1965	—	—	—	—	1645	—
3/4	2758	2930	3497	3845	4014	2151	4324
7/8	3426	—	—	—	—	—	—
1	4355	4937	5910	5978	6267	3343	6726
1.1/4	6538	7630	—	8555	8966	4859	9909
1.1/2	8148	9521	—	10608	11104	7769	—
1.3/4	12501	—	—	—	—	—	—
2	14634	17017	—	19148	20057	13122	—
2.1/4	25309	—	—	—	—	—	—
2.1/2	36269	—	—	56214	58881	—	—
2.3/4	40762	—	—	—	—	—	—
3	45951	—	—	73272	76764	—	—
3.1/2	60379	—	—	96312	100857	—	—
4	75977	—	—	121062	126818	—	—

BSP (P), NPS, NPSF, BSPT, NPT & NPTF : A set consists of 2 Taps (Taper & Bottoming)
BS CON: A set consists of 3 Taps (Taper, Second & Bottoming)

M.O.Q. - For Sizes

1/8" & 3/8"	— 100 Nos. each
1/2" & 5/8"	— 50 Nos. each
3/4", 7/8 & 1"	— 25 Nos. each
1-1/4"	— 20 Nos. each
1-1/2" & 1-3/4"	— 15 Nos. each
2"	— 10 Nos. each
2" and above	— 5 Nos. each

Note : We can also supply BSP (Parallel) Taps to new BS: 949 PART 3-1982 (G/RP Series) at the same rates and M.O.Q. as given above for all sizes.

LPG CYLINDER TAPS 3/4" - 14 NGT non-interrupted 4 flutes can be supplied at Rs. 3574 each.

HSS GROUND THREAD HAND TAPS BSCY

BS: 949 - 1951

Size Inch	TPI	Price Each Rs.	Size Inch	TPI	Price Each Rs.
1/4	26	408	9/16	26	1521
5/16	26	497	9/16	26 LH	1521
3/8	26	635	1	24	3000
7/16	26	814	1.37	24	6288
1/2	26	996	1.37	24 LH	6288

A set consists of 3 Taps - Taper, Second & Bottoming.

M.O.Q. - For Sizes

Upto 9/16"	— 100 Nos. each
1"	— 25 Nos. each
1.370"	— 15 Nos. each

**HSS TOOL HOLDER BITS
SQUARE / ROUND**

Size		Price Each Rs.				
Inch	mm	M 2	M 35	M 42	T 42	T 42-C
3/16 x 3	5 x 75	132	237	309	326	339
3/16 x 4	5 x 100	174	347	454	475	499
3/16 x 6	5 x 150	269	632	968	1021	1045
1/4 x 3	6 x 75	152	300	415	436	460
1/4 x 4	6 x 100	180	410	552	583	606
1/4 x 6	6 x 150	255	667	903	952	984
1/4 x 8	6 x 200	368	1105	1533	1613	1689
5/16 x 3	8 x 75	167	392	537	565	601
5/16 x 4	8 x 100	219	540	734	771	819
5/16 x 6	8 x 150	361	863	1181	1238	1318
5/16 x 8	8 x 200	460	1231	1668	1757	1873
3/8 x 3	–	214	456	634	670	715
3/8 x 4	–	255	611	840	885	956
3/8 x 6	–	397	966	1351	1420	1512
3/8 x 8	–	546	1373	1917	2018	2149
3/8 x 10	–	699	1820	2540	2672	2846
–	10 x 75	233	499	691	727	778
–	10 x 100	279	667	931	977	1044
–	10 x 150	433	1044	1458	1531	1625
–	10 x 200	602	1470	2048	2155	2293
–	10 x 250	764	1943	2709	2844	3025
1/2 x 3	12 x 75	315	722	1034	1092	1135
1/2 x 4	12 x 100	397	966	1351	1422	1521
1/2 x 6	12 x 150	610	1486	2122	2238	2337
1/2 x 8	12 x 200	803	2080	2963	3117	3259
1/2 x 10	12 x 250	1221	2912	4078	4295	4553
5/8 x 4	16 x 100	634	1593	2276	2395	2493
5/8 x 6	16 x 150	933	2395	3336	3510	3735
5/8 x 8	16 x 200	1262	3273	4675	4926	5114
3/4 x 4	–	875	2216	3129	3294	3469
3/4 x 6	–	1280	3320	4590	4834	5199
3/4 x 8	–	1752	4451	6293	6620	6973
–	20 x 100	956	2415	3413	3593	3776
–	20 x 150	1395	3615	5115	5383	5669
–	20 x 200	1905	4821	6821	7186	7556
1 x 6	25 x 150	2160	5516	7706	8110	8614
1 x 8	25 x 200	2935	7354	10274	10810	11496

M.O.Q. – For all sizes – 50 Nos. each

HSS PARALLEL SHANK END MILLS

IS - 6353-1991
BS 122 – PART I – 1953

SIZE		Price Each		SIZE		Price Each	
mm	Inch	M42 CC	M42 CCTC	mm	Inch	M42 CC	M42 CCTC
3		1193	1403	33		9030	10627
(3.17)	1/8	1193	1403	34		9030	10627
(3.97)	5/32	1193	1403	(34.92)	1.3/8	9030	10627
4		1193	1403	35		9030	10627
(4.76)	3/16	1193	1403	36		9030	10627
5		1193	1403	37		9734	11445
(5.56)	7/32	1193	1403	38		10372	12201
6		1193	1403	(38.10)	1.1/2	10372	12200
(6.35)	1/4	1193	1403	39		10790	12697
7		1346	1580	40		11467	13489
(7.14)	9/32	1346	1580	41		14623	17205
(7.94)	5/16	1346	1580	(41.27)	1.5/8	14623	17205
8		1346	1580	42		14623	17205
9		1346	1580	43		14623	17205
(9.52)	3/8	1346	1580	44	–	–	–
10		1346	1580	(44.45)	1.3/4	14623	17205
11		1554	1828	45		14623	17205
(11.11)	7/16	1554	1828	46		16126	18969
12		1602	1887	47		16126	18969
(12.70)	1/2	1602	1887	(47.62)	1.7/8	16126	18969
13		1979	2330	48		16126	18969
14		1979	2330	49		16126	18970
(14.29)	9/16	1979	2330	50		17693	20812
15		2314	2717	(50.8)	2	17653	20767
(15.87)	5/8	2314	2717	51		14740	17343
16		2314	2717	52		32104	37770
17		2820	3315	(52.39)	2-1/16	38522	45323
(17.46)	11/16	2820	3315	53		32104	37770
18		2820	3315	(53.97)	2-1/8	38522	45323
19		2820	3315	54		32104	37770
(19.05)	3/4	2820	3315	55		32104	37770
20		3124	3675	(55.56)	2-3/16	38522	45323
(20.64)	13/16	3537	4167	56		32104	37770
21		3537	4169	57		32104	37770
22		3537	4169	(57.15)	2-1/4	38522	45323
(22.22)	7/8	3537	4167	58		32104	37770
23		3830	4509	(58.74)	2-5/16	38522	45323
(23.81)	15/16	4122	4848	59		32104	37770
24		4122	4848	60		32104	37770
25		4122	4848	(60.32)	2-3/8	38522	45323
(25.40)	1	4122	4848	61		36758	43247
26		4161	4897	62		36758	43247
27		5714	6725	63		36758	43247
28		5714	6725	(63.50)	2-1/2	44109	51896
(28.57)	1-1/8	5714	6725				
29		5714	6725				
30		6286	7394				
31		9030	10627				
(31.75)	1.1/4	9030	10627				
32		9030	10627				

CC – With Centre Cutting

CCTC – With Centre Cutting and TIN Coating.

M.O.Q. FOR SIZES : Upto 25mm & 1” – 15 Nos each

Above 25.0mm & 1” to Upto 50 mm & 2” – 10 Nos. Each

Above 50mm & 2” – 5 Nos Each.

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

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

SIZE		Price Each			
mm	Inch	M42	M42 TC	M42CC	M42CCTC
(9.52)	3/8	2670	3146	2939	3114
10		2670	3146	2939	3458
11		2865	3373	3150	3708
(11.11)	7/16	3310	3888	3636	3854
12		2942	3460	3236	3806
(12.70)	1/2	3310	3888	3636	3854
13		3497	4112	3841	4520
14		3497	4112	3841	4520
(14.29)	9/16	3497	4112	3841	4301
15		4321	5088	4754	5590
(15.87)	5/8	4321	5088	4754	5325
16		4321	5088	4754	5590
17		5055	5943	5562	6536
(17.46)	11/16	5055	5944	5562	6229
18		5055	5944	5562	6536
19		5055	5944	5562	6536
(19.05)	3/4	5055	5944	5562	6229
20		5055	5944	5562	6536
(20.64)	13/16	5479	6443	6028	6752
21		5479	6443	6028	7091
22		5479	6443	6028	7091
(22.22)	7/8	5479	6443	6028	6752
23		6020	7079	6619	7787
(23.81)	15/16	6020	7079	6619	7413
24		6020	7079	6619	7787
25		6020	7079	6619	7787
(25.40)	1	6020	7079	6619	7413
26		6463	7601	6912	8133
27		8844	10404	9458	11134
28		8844	10404	9458	11134
(28.57)	1.1/8	8844	10404	9458	10595
29		8844	10404	9458	11134
30		8844	10404	9458	11134
31		12135	14272	12980	15272
(31.75)	1.1/4	12712	14954	13602	15233
32		12135	14272	12980	15272
33		12135	14272	12980	15272
34		12135	14272	12980	15272
(34.92)	1.3/8	12712	14954	13602	15233
35		12135	14272	12980	15272
36		12135	14272	12980	15272
37		15309	18008	16378	19266
38		15309	18008	16378	19266
(38.10)	1.1/2	15309	18008	16378	18345
39		15309	18008	16073	18909

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

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

SIZE		Price Each (Rs.)			
mm	Inch	M42	M42 TC	M42CC	M42CCTC
40		15309	18008	16073	18909
41		19033	22392	19984	23513
(41.27)	1.5/8	19033	22392	19984	22381
42		19033	22392	19984	23513
43		19033	22392	19984	23513
44		19033	22392	19984	23513
(44.45)	1.3/4	19033	22392	19984	22381
45		19033	22392	19984	23513
46		22676	26678	23809	28009
47		22676	26678	23809	28009
(47.62)	1.7/8	22676	26678	23809	26665
48		22676	26678	23809	28009
49		22676	26678	23809	28009
50		22676	26678	23809	28009
(50.08)	2	22676	26678	23809	26665
51		22676	26678	23809	28009
52		43998	51766	46198	54350
(52.39)	2.1/16	43998	51764	46199	51744
53		43998	51766	46198	54350
(53.97)	2.1/8	43998	51764	46199	51744
54		43998	51766	46198	54350
55		43998	51766	46198	54350
(55.56)	2.3/16	43998	51764	46199	51744
56		43998	51766	46198	54350
57		43998	51766	46198	54350
(57.15)	2.1/4	43998	51764	46199	51744
58		43998	51766	46198	54350
(58.74)	2.5/16	43998	51764	46199	51744
59		43998	51766	46198	54350
60		43998	51766	46198	54350
(60.32)	2.3/8	51385	60457	53957	60433
61		51385	60457	53957	63477
62		51385	60457	53957	63477
63		51385	60457	53957	63477
63.50	2-1/2	51385	60457	53957	60433
MOQ : UPTO 1/2"		50 NOS EACH			
ABOVE 1/2" TO 5/8"		35 NOS EACH			
ABOVE 5/8" TO 1"		25 NOS EACH			
ABOVE 1"		5 NOS EACH			

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

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

SIZE		Price Each (Rs.)				
mm	Inch	M2	M35	M2 LS	M35 LS	M42 LS
(9.52)	3/8	2375	2520			
10		2375	2525	3292	3487	4067
11		2375	2632	3292	3589	4185
(11.11)	7/16	2375	2520	-	-	-
12		2437	2690	3478	3778	4403
(12.70)	1/2	2437	2583	-	-	-
13		2746	3179			
14		2872	3179	4037	4936	5434
(14.29)	9/16	2872	3215	-	-	-
15		3594	3954	-	-	-
(15.87)	5/8	3594	4025	-	-	-
16		3594	3954	4906	5349	6590
17		3408	4037	-	-	-
(17.46)	11/16	3499	3918	-	-	-
18		3594	4037	5100	5639	6948
19		3591	4037	-	-	-
(19.05)	3/4	3591	4022	-	-	-
20		4074	4920	5952	7096	8744
(20.64)	13/16	4074	4563	-	-	-
21		4291	4920	-	-	-
22		4350	4920	6307	7096	8744
(22.22)	7/8	4350	4873	-	-	-
23		4527	5368	-	-	-
(23.81)	15/16	4527	5070	-	-	-
24		4527	5368	-	-	-
25		4717	5368	7068	7976	9827
(25.40)	1	4717	6122	-	-	-
26		5110	5791	-	-	-
27		5602	7060	-	-	-
28		6126	7060	8758	10068	12405
(28.57)	1.1/8	6126	6858			
29		6126	7060			
30		6809	8281			
31		7154	8281			
(31.75)	1.1/4	7154	7715			
32		7154	8281			
33		8222	10056			
34		8709	10056			
(34.92)	1.3/8	8709	9753			
35		8709	10056			
36		9203	12049			
37		9907	12049			
38		10356	12049			
(38.10)	1.1/2	9680	10842			
39		11048	13428			

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

IS.8307-1976 – GRADE OF TIP ISO/K-20
IS.8306-1976 – GRADE OF TIP ISO/K-20

SIZE		Price Each (Rs.)		SIZE		Price Each (Rs.)	
mm	Inch	Straight Shank Drill	Taper Shank Drill	mm	Inch	Straight Shank Drill	Taper Shank Drill
3.0		619			31/64	1317	2223
	1/8	619			1/2	1317	2223
3.5		639		13.0		1317	2223
	9/64	639		17/32	1485	2544	
	5/32	642		14.0		1559	2544
4.0		642			9/16	1559	2544
	11/64	642		15.0		1746	2702
4.5		642			19/32	1746	2702
	3/16	701			5/8	2011	2923
5.0		701		16.0		2011	2923
	13/64	701			21/32	2114	3145
5.5		710		17.0		2114	3145
	7/32	710			11/16	2114	3145
	15/64	747		18.0		2327	3419
6.0		747			23/32	2327	3419
	1/4	759		19.0		2654	3655
6.5		759			3/4	2654	4205
	17/64	773			25/32	3009	4205
7.0		822		20.0		3009	4205
	9/32	822			13/16		4354
7.5		842		21.0			4354
	19/64	842			27/32		4354
	5/16	842		22.0			4562
8.0		842			7/8		4562
	21/64	869		23.0			4817
8.5		869			29/32		4817
	11/32	898			15/16		5056
9		898		24.0			5056
	23/64	959			31/32		5241
9.5		959		25.0			5241
	3/8	964	1674		1		6440
	25/64	964	1674	26.0			6440
10.0		964	1674		1.1/32		6440
	13/32	1045	1872		1.1/16		6650
10.5		1045	1872	27.0			6650
	27/64	1059	1872		1.3/32		7001
11.0		1059	1872	28.0			7001
	7/16	1098	2046		1.1/8		7264
11.5		1098	2046	29.0			7264
	29/64	1098	2046		1.5/32		7264
	15/32	1185	2046	30.0			7477
12.0		1185	2046		1.3/16		7477

M.O.Q. FOR SIZES : Upto 13.0 mm (1/2") : 25 Nos. Each
14 mm (17/32") to 25 mm (1") : 20 Nos. Each
26 mm (1-1/32") & Above : 15 Nos. Each

For Carbide Tipped Taper Shank Twist Drill to Addison standard sizes 3.0 mm to 9.5 mm and 31.0 to 50.0 mm (Equivalent inch sizes) please refer Page No. 80

CARBIDE TIPPED TAPER SHANK CORE DRILLS

**IS 9771 - 1981
GRADE OF TIP : ISO/K - 20**

SIZE		Price Each	SIZE		Price Each	SIZE		Price Each
mm	Inch	(Rs.)	mm	Inch	(Rs.)	mm	Inch	(Rs.)
12.0		4278	19.0		5573		1	6128
	1/2	4278		3/4	5573	26.0		6128
13.0		4278		25/32	5804		1.1/32	6128
	17/32	4464	20.0		5804	27.0		6128
14.0		4817		13/16	5804		1.1/16	6128
	9/16	4817	21.0		5804		1.3/32	6282
15.0		4817		27/32	5804	28.0		6282
	19/32	4817	22.0		5804		1.1/8	6371
	5/8	4984		7/8	5804		1.5/32	6371
16.0		4984	23.0		5804	30.0		6371
	21/32	4984		29/32	5804		1.3/16	6371
17.0		4984		15/16	6128		1.7/32	6557
	11/16	4984	24.0		6128		1.1/4	6557
18.0		5573		31/32	6128	32.0		6557
	23/32	5573	25.0		6128			

M.O.Q. : For sizes : Upto 45 mm (1-3/4") - 10 Nos. each
46 mm (1-13/16") to 52 mm (2-1/8") - 7 Nos. each
56 mm (2-1/4") & Above - 4 Nos. each

CARBIDE TIPPED SHELL CORE DRILLS

**DIN 8022-1971
GRADE OF TIP ISO K-20**

SIZE		Price Each	SIZE		Price Each	SIZE		Price Each
mm	Inch	(Rs.)	mm	Inch	(Rs.)	mm	Inch	(Rs.)
	1.1/4	5623	45.0		6025		2.3/4	8511
32.0		5623	46.0		6282	71.0		9041
33.0		5623		1-13/16	6282		2.7/8	9041
	1.5/16	5623	47.0		6282	76.0		9310
34.0		5623		1.7/8	6282		3	9310
	1.3/8	5623	48.0		6282	77.0		9310
35.0		5623	49.0		6282	78.0		9310
36.0		5739		1-15/16	6282		3.1/8	9310
	1.7/16	5739	50.0		6282		3.1/4	9310
37.0		5739		2	6557		3.3/8	9551
38.0		5804	51.0		6557	86.0		9551
	1.1/2	5804	52.0		6557	87.0		9551
39.0		5804		2.1/8	6557		3.1/2	9551
	1.9/16	5804	56.0		6849	91.0		10094
40.0		5804	57.0		6849	92.0		10094
41.0		6025		2.1/4	6849		3.5/8	10094
	1.5/8	6025		2.3/8	6849	93.0		10094
42.0		6025	61.0		8511	94.0		10094
	1.11/16	6025		2.1/2	8511		3.3/4	10094
43.0		6025	66.0		8511		3.7/8	10094
44.0		6025		2.5/8	8511		4	10094
	1.3/4	6025	67.0					

M.O.Q. : FOR SIZES : Upto 25.0 mm (1") - 20 Nos. each
Above 25.0 mm (1") - 15 Nos. each

**CARBIDE TIPPED STRAIGHT
SHANK CHUCKING REAMERS**

**IS : 10884 - 1984
GRADE OF TIP : ISO K - 10**

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
mm	Inch		mm	Inch	
6.0		3276		3/8	3512
	1/4	3276	10.0		3512
7.0		3276		13/32	3512
	9/32	3276	11.0		3512
	5/16	3051		7/16	3512
8.0		3051		15/32	3869
	11/32	3051	12.0		3869
9.0		3051		1/2	3869

M.O.Q. - For all sizes - 20 Nos. each

CARBIDE TIPPED TAPER SHANK CHUCKING REAMERS

**IS : 10885 - 1984
GRADE OF TIP ISO K - 10**

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
mm	Inch		mm	Inch		mm	Inch	
6.0		3276	15.0		4061			6589
	1/4	3276		19/32	4607	24.0		6589
7.0		3276		5/8	4607			6589
	9/32	3276	16.0		4607	25.0		6589
	5/16	3051		21/32	4607		1	6589
8.0		3051	17.0		4607	26.0		6589
	11/32	3051		11/16	4607			6713
9.0		3051	18.0		4607	27.0		6713
	3/8	3512		23/32	4607			6713
10.0		3512	19.0		4607	28.0		6713
	13/32	3512		3/4	4607			6713
11.0		3512		25/32	4607	28.0		6713
	7/16	3512	20.0		4607	29.0		6713
	15/32	3869		13/16	4607			6768
12.0		3869	21.0		5127	30.0		6768
	1/2	3869		27/32	5127			6768
13.0		3869	22.0		5127	31.0		6768
	17/32	4061		7/8	5127			6768
14.0		4061	23.0		5127	31.0		6768
	9/16	4061		29/32	5199	32.0		6768

**M.O.Q. : For sizes : Upto 13 mm - 20 Nos. each
Above 14 mm - 10 Nos. each
(Except 8, 10, 16 mm, 1/2", 17/32" & 9/16")**

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

**IS : 11934 – 1987
GRADE OF TIP ISO K – 10**

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
mm	Inch		mm	Inch		mm	Inch	
19.0		5573		1.1/4	8468	43.0		10416
	3/4	5573	32.0		8468	44.0		10416
	13/16	6089	33.0		8468		1.3/4	10416
21.0		6089		1.5/16	8492		1-13/16	10416
22.0		6089		1.3/8	8867	47.0		10834
	7/8	6089	35.0		8867		1.7/8	10834
	15/16	6128	36.0		8867	48.0		10834
24.0		6128		1.7/16	8867	49.0		10834
25.0		7122	38.0		8942		1-15/16	10834
	1	7122		1.1/2	8942	50.0		10834
	1.1/16	7161	39.0		8942		2	10834
27.0		7161		1.9/16	8942			
	1.1/8	8468	41.0		10416			
29.0		8468		1.5/8	10416			
30.0		8468	42.0		10416			
1.3/16	8065		1.11/16	10416				

M.O.Q. – For all sizes – 3 Nos. each

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

**IS : 9323 – 1991
GRADE OF TIP ISO K – 20**

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
mm	Inch		mm	Inch		mm	Inch	
	5/16	2433	12.0		2595		3/4	3199
8.0		2433		1/2	2595	20.0		3199
	3/8	2439		5/8	2744			
10.0		2439	16.0		2744			

**M.O.Q. For sizes: Upto 12 mm (1/2") – 25 Nos. each
16 mm (5/8") & above – 20 Nos. each**

**We can manufacture and supply Solid Carbide Parallel Shank End Mills. 3 mm to 7 mm (3/16" to 9/32").
For Price and M.O.Q. refer Solid Carbide Price List No. SC 38.**

CARBIDE TIPPED TAPER SHANK END MILLS

**IS : 9324 – 1991
GRADE OF TIP ISO K – 20**

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
mm	Inch		mm	Inch		mm	Inch	
12.0		3199		3/4	3731		1-1/4	6128
	1/2	3199	20.0		3731	32.0		6128
	5/8	3332	25.0		3804		1-1/2	7410
16.0		3332		1	3804	40.0		7410

**M.O.Q. For sizes: 12 mm (1/2") – 25 Nos. each
16 mm (5/8") to 25 mm (1") – 20 Nos. each
32 mm (1-1/4") & above – 15 Nos. each**

**CARBIDE TIPPED STRAIGHT SHANK SLOT DRILLS
(BRAZED TYPE)**

IS : 9325 – 1979
GRADE OF TIP ISO K – 20

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
mm	Inch		mm	Inch		mm	Inch	
8.0	5/16	2046	12.0	1/2	2268	16.0	11/16	3145
	3/8	2046	14.0		2268	18.0		3182
10.0	7/16	2106		9/16	5/8	2642	20.0	3/4
		2106	2642			3230		
		2268			3145			3230

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

M.O.Q. For sizes: 8 mm (5/16") to 10 mm (3/8") – 70 Nos. each
12 mm (7/16") to 14 mm (9/16") – 100 Nos. each
16 mm (5/8") & above – 60 Nos. each

We can manufacture and supply Solid Carbide Parallel Shank Slot Drills. 2 mm to 7 mm (3/16" to 9/32").
For Price and M.O.Q. refer Solid Carbide Price List No. SC 38.

**CARBIDE TIPPED TAPER SHANK SLOT MILLING CUTTERS
(WITH TAPPED END)**

IS : 9326 – 1979
GRADE OF TIP : ISO K – 20

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
mm	Inch		mm	Inch		mm	Inch	
12.0	1/2	3497	18.0	11/16	4442	25.0	1	4736
14.0		3497		3/4	4442	28.0		4736
16.0	9/16	3849	22.0	7/8	4501	32.0	1-1/8	4773
	5/8	3849			4501		1-1/4	4773
		4407			4736			4773
		4407			4736			4773

M.O.Q. For sizes: Upto 14 mm (9/16") – 100 Nos. each; 22 mm (7/8") To 25 mm (1") – 20 Nos. each
16 mm (5/8") – 70 Nos. each; 28 mm (1-1/8") & above – 15 Nos. each
18 mm (11/16") to 20 mm (3/4") – 50 Nos. each

**CARBIDE TIPPED SIDE & FACE CUTTERS
(BRAZED TYPE)**

DIN : 8047 – 1956
GRADE OF TIP : ISO K – 20

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
Dia X Width mm	Dia X Width Inch		Dia X Width mm	Dia X Width Inch	
80 X 6.0	3 X 1/4	7985	100 X 12	4 X 1/2	10031
80 X 8.0	3 X 5/16	8269	100 X 16	4 X 5/8	10810
80 X 10	3 X 3/8	8477	125 X 12	5 X 1/2	11277
100 X 8.0	4 X 5/16	9230	125 X 14	5 X 9/16	12162
100 X 10	4 X 3/8	9534	125 X 16	5 X 5/8	12548

**CARBIDE TIPPED SHELL END MILLS
(BRAZED TYPE)**

DIN : 8056 – 1980
GRADE OF TIP : ISO K – 20

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
Dia X Width mm	Dia X Width Inch		Dia X Width mm	Dia X Width Inch	
40.0	1-1/2	3152	80.0	3	6515
		3152			6515
		3255			10056
50.0	2	3255	100	4	9006
		4831			12979
63.0	2-1/2	4831	125	5	12979

M.O.Q. For sizes: Upto 50 mm (2") – 6 Nos. each; 63 mm (2-1/2") & above – 3 Nos. each

**CARBIDE TIPPED FACE MILL CUTTERS
(BRAZED TYPE)**

TO OUR STANDARD
GRADE OF TIP : ISO K – 20

SIZE		Price Each (Rs.)	SIZE		Price Each (Rs.)
Dia X Width mm	Dia X Width Inch		Dia X Width mm	Dia X Width Inch	
63.0	2-1/2	4736	80	4	6354
		4736	100		9806
		6354			9806

M.O.Q. – For all sizes – 3 Nos. each

CARBIDE TIPPED TAPER SHANK DRILLS WITH ISO/K20 GRADE OF TIP

TO ADDISON STANDARD

SIZE						
Dia (mm)	Dia (Inch)	FL (mm)	OAL (mm)	MT No.	MOQ Nos.	Price Each (Rs.)
3		20	110	1	25	1674
	1/8	25	115	1	25	1674
3.5	9/64	25	115	1	25	1674
4	5/32	25	115	1	25	1674
4.5	11/64	28	118	1	25	1674
5	3/16	28	118	1	25	1674
5.5	13/64	32	122	1	25	1674
	7/32	32	122	1	25	1674
6	15/64	32	122	1	25	1674
	1/4	32	122	1	25	1674
6.5		32	122	1	25	1674
	17/64	40	130	1	25	1674
	9/32	40	130	1	25	1674
7.5	19/64	40	130	1	25	1674
8	5/16	40	130	1	25	1674
8.5	21/64	50	140	1	25	1674
9	11/32	50	140	1	25	1674
	23/64	50	140	1	25	1674
9.5	3/8	50	140	1	25	1674
	25/64	50	140	1	25	1674
31	1.7/32	125	275	4	15	8135
32	1.1/4	125	275	4	15	8483
33		125	275	4	15	8867
34	1.5/16	125	275	4	15	9176
35	1.3/8	125	275	4	15	9437
36		125	275	4	15	9748
37	1.7/16	125	275	4	15	9394
38	1.1/2	125	275	4	15	10364
39		125	275	4	10	10558
40	1.9/16	125	275	4	10	10776
41		125	275	4	10	11020
42	1.5/8	125	275	4	10	11332
43	1.11/16	125	275	4	10	11647
44		125	275	4	10	11950
45	1.3/4	125	275	4	10	12248
46	1.13/16	125	275	4	10	12617
47		125	275	4	10	12617
48	1.7/8	125	275	4	10	12803
49	1.15/16	125	275	4	10	13026
50		125	275	4	10	13242
	2	125	275	4	10	13473



MC 43 WEF 010717

Notes



Notes



- ★ Hand Tools
- ★ Non Sparking Tools
- ★ Tool Kits

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Tools Forever

PRICE LIST NO.13 / 01-05-2017



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HAND TOOLS



Double Open Spanner
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Ring Spanner
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Flare Nut Spanner
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S-Spanner
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C-Spanner
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Water Pump Pliers
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Slip Joint Pliers
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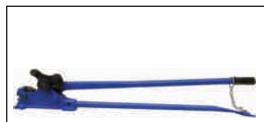
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Two Way Wheel Spanner
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Four Way Wheel Spanner
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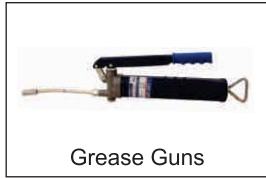


Ratchet Die Set
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HAND TOOLS



Pipe Die Set
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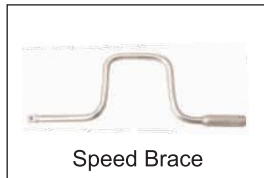
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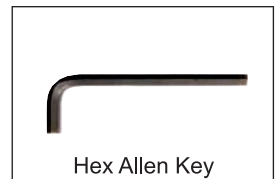
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Hex Allen Key Sets
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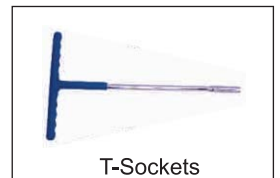
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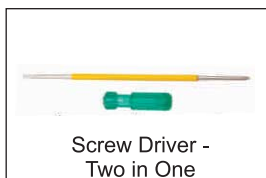
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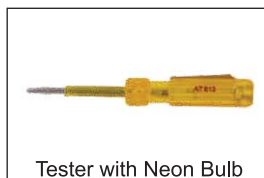
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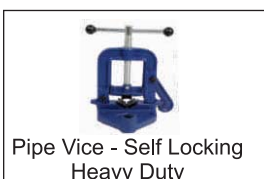
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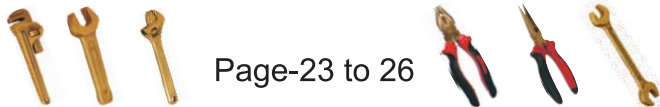


Filter Wrench
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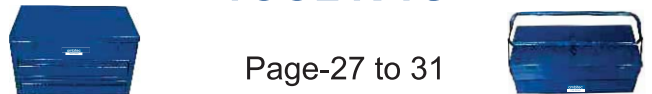
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NON SPARKING TOOLS



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TOOL KITS



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DOUBLE OPEN END SPANNERS



- * Each Head Set at 15°Angle
- * Generally Conforming to IS 2028-2004

ambitec No.12

Metric (mm)	Size			Shelf Carton (Packing)	Price Per Pc. (₹)
	English (ww)	American (Sae)	Layman सूत		
5x5.5	-	-	-	10	40
5.5 x7	-	-	-	10	40
6x7	-	-	-	10	20
6x7 (L)	-	-	-	10	35
7x8	-	-	-	10	30
8x9	-	-	-	10	28
8x9(L)	-	-	-	10	38
8x10	-	1/4x5/16	-	10	30
9x10	-	-	-	10	32
10x11	1/8x3/16	-	1 1/2 x 2	10	31
10x12	-	5/16x3/8	-	10	32
10x13	-	-	-	10	36
11x12	-	-	-	10	36
11x13	-	3/8x7/16	-	10	36
12x13	3/16x1/4	-	2 x 2 1/2	10	37
12x14	-	-	-	10	40
13x14	1/4x5/16	-	2 1/2 x 3	10	40
13x17	-	7/16x1/2	-	10	40
14x17	5/16x3/8	-	3 x 3 1/2	10	53
16x17	-	-	-	10	53
16x18	5/16x7/16	-	3 x 4	10	57
17x19	-	-	-	10	63
18x19	3/8x7/16	19/32x11/16	3 1/2 x 4	10	65
19x22	-	9/16x5/8	-	10	70
19x21	-	5/8x3/4	-	10	80
20x22	7/16x1/2	-	4 x 4 1/2	10	82
21x23	-	-	-	5	105
22x24	-	-	-	5	110
-	7/16x9/16	3/4x7/8	4 x 5	5	93
24x26	1/2x9/16	-	4 1/2 x 5	5	123
24x27	-	-	-	5	123
25x28	9/16x5/8	-	5 x 5 1/2	5	144
-	-	15/16x1	-	5	160
24x30	-	1.1/8x1.1/4	-	5	200
27x30	-	1.1/16x1.1/4	-	5	200
27x32	11/16x3/4	1x1.1/8	6 x 7	5	180
30x32	9/16x11/16	-	5 x 6	5	180
-	5/8x3/4	-	5 1/2 x 7	5	180

DOUBLE OPEN END SPANNERS - HEAVY DUTY



Metric (mm)	Size			Shelf Carton (Packing)	Price Per Pc (₹)
	English (ww)	Layman सूत			
32x36	3/4x7/8	7x8		5	315
34x36	-	-	-	5	420
34x38	-	-	-	5	450
36x38	-	-	-	5	450
36x41	7/8x1	8x9		5	450
41x46	1x1.1/8	9x10		5	540
1x1.1/4 Bolt Size	7/8x1.1/8	8x10		5	540
46x50	-	-	-	5	770
-	1.1/8x1.1/4	10x11		5	800
50x55	-	-	-	2	1600
-	1.1/8x1.3/8	10x12		2	1200
55x60	-	-	-	2	2200
60x65	-	-	-	1	6400
65x70	-	-	-	1	7000
70x75	-	-	-	1	9000
75x80	-	-	-	1	9500
80x85	-	-	-	1	20000
85x90	-	-	-	1	25000

DOUBLE OPEN END SPANNERS-SETS



Set No.	Pcs. Per Set	SETS	Master Carton (Packing)	Price Per Set (₹)
		Sizes		
12-6M	6	6x7-16x17mm	40	195
12-8M	8	6x7-20x22mm	40	330
12-10M	10	6x7-24x27mm	20	525
12-100M	10	6x7-30x32mm	20	620
12-12M	12	6x7-30x32mm	16	830
12-5P	5	3/16x1/4, 5/16x3/8, 7/16x9/16ww 14x17, 19x22mm	40	300
12-5L	5	3/16x1/4, 5/16x3/8, 7/16x1/2ww 9/16x5/8ww, 19x22mm	40	368
12-6W	6	1/8x3/16, 3/16x1/4, 1/4x5/16, 5/16x3/8, 3/8x7/16, 7/16x1/2ww	40	300
12-9W	9	1/8x3/16, 3/16x1/4, 1/4x5/16, 5/16x3/8, 3/8x7/16, 7/16x1/2 1/2x9/16,9/16x5/8, 5/8x3/4ww	16	700

BI-HEXAGON RING SPANNERS SHALLOW OFFSET



- * Chrome Plated Polished Heads
- * Generally Conforming to IS 2029-1998

ambitec No.13

Metric (mm)	Size			Shelf Carton (Packing)	Price Per Pc. (₹)
	English (ww)	American (Sae)	Layman सूत		
6x7	-	-	-	10	53
8x9	-	-	-	10	70
8x10	-	1/4x5/16	-	10	75
10x11	1/8x3/16	5/16x3/8	1 1/2 x 2	10	75
10x12	-	-	-	10	80
10x13	-	-	-	10	80
11x13	-	3/8x7/16	-	10	85
12x13	3/16x1/4	-	2 x 2 1/2	10	80
12x14	-	7/16x1/2	-	10	90
14x15	1/4x5/16	-	2 1/2 x 3	10	85
-	-	1/2x9/16	-	10	100
13x17	-	-	-	10	120
14x17	5/16x3/8	-	3 x 3 1/2	10	111
16x17	-	-	-	10	111
17x19	-	9/16x5/8	-	10	125
17x19 Deep	-	-	-	10	145
18x19	-	-	-	10	127
-	5/16x7/16	19/32x11/16	3 x 4	10	138
19x21	-	-	-	10	170
19x22	3/8x7/16	5/8x3/4	3 1/2 x 4	10	158
20x22	7/16x1/2	-	4 x 4 1/2	10	158
21x23	-	-	-	5	192
19x24	-	-	-	5	200
-	7/16x9/16	-	-	5	184
22x24	-	-	4 x 5	5	200
24x26	1/2x9/16	3/4x7/8	4 1/2 x 5	5	215
24x27	-	-	-	5	215
25x28	9/16x5/8	15/16x1	5 x 5 1/2	5	265
24x30	-	-	-	5	350
27x30	-	-	-	5	350
27x32	5/8x3/4	1x1.1/8	5 1/2 x 7	5	350
30x32	9/16x11/16	-	5 x 6	5	350
-	11/16x3/4	-	6 x 7	5	350
-	-	1.1/8x1.1/4, 1.1/16x1.1/4	-	5	400

RING SPANNER SETS



Set No.	Pcs. Per Set	SETS	Master Carton (Packing)	Price Per Set (₹)
		Sizes		
13-6M	6	6x7 - 16x17mm	30	470
13-8M	8	6x7 - 20x22mm	20	700
13-10M	10	6x7 - 24x27mm	10	1100
13-100M	10	6x7 - 30x32mm	10	1260
13-12M	12	6x7 - 30x32mm	8	1720
13-6W	6	1/8x3/16, 3/16x1/4, 1/4x5/16, 5/16x3/8, 3/8x7/16, 7/16x1/2ww	20	640
13-9W	9	1/8x3/16, 3/16x1/4, 1/4x5/16, 5/16x3/8, 3/8x7/16, 7/16x1/2, 1/2x9/16, 9/16x5/8, 5/8x3/4ww	10	1500

RING SPANNER - HEAVY DUTY



ambitec No.2

Size				Shelf Carton (Packing)	Price Per Pc. (₹)
Metric (mm)	English (ww)	American (Sae)	Layman सूत		
32x36	3/4x7/8	-	7 x 8	5	700
34x36	-	-	-	5	900
34x38	-	-	-	5	1000
36x38	-	-	-	5	1000
36x41	7/8x1	-	8 x 9	5	1000
41x46	1x1-1/8	-	9 x 10	2	2500
1x1.1/4 ^{Bot Size}	7/8x1-1/8	-	8 x 10	2	2950
46x50	1-1/8x1-1/4	-	-	2	3000
50x55	-	-	-	2	4800
55x60	-	-	-	1	4800
60x65	-	-	-	1	8000
65x70	-	-	-	1	12000
70x75	-	-	-	1	14000
75x80	-	-	-	1	15000
80x85	-	-	-	1	20000
85x90	-	-	-	1	25000

FLARE NUT SPANNER



Sizes (mm)	Price Per Pc. (₹)	Sizes (mm)	Price Per Pc. (₹)
8x9	120	13x16	200
8x10	120	13x17	220
10x11	120	14x15	200
10x12	140	14x17	220
10x13	160	16x17	220
11x13	160	17x19	260
12x14	180	18x19	260
13x15	180	-	-

S- SHAPE SPANNER



Sizes (mm)	Price Per pc. (₹)
10x11	180
12x13	180
14x15	200
16x17	200
18x19	250

COMBINATION RING & OPEN END SPANNERS



*** Chrome Vanadium Steel**
*** Hardened and Tempered**
*** Generally Conforming to IS 6389-1972**

ambitec No.14

Size		Shelf Carton (Packing)	Price Per Pc (₹)
Metric (mm)	American (Sae)		
5.5	-	10	80
6	1/4	10	33
7	-	10	33
8	5/16	10	33
9	-	10	33
10	3/8	10	36
11	7/16	10	36
12	-	10	40
13	1/2	10	42
14	9/16	10	52
15	-	10	57
16	5/8	10	61
17	11/16	10	65
18	-	10	80
19	3/4	10	85
20	-	10	95
21	13/16	10	100
22	7/8	10	106
23	-	5	130
24	15/16	5	145
25	1	5	170
26	-	5	180
27	1-1/16	5	210
28	1-1/8	5	225
29	-	5	275
30	-	5	275
32	1-1/4	5	320

SETS

Set No.	Pcs. Per Set	Sizes	Master Carton (Packing)	Price Per Set (₹)
14-12M	12	6-14, 17, 19, 22mm	30	570
14-26M	26	6-32mm (Kit Packing)	4	2900
14-14SAE	14	1/4 - 1-1/4Sae (Kit Packing)	20	2300

COMBINATION RING & OPEN END SPANNERS - HEAVY DUTY



*** Chrome Vanadium Steel**

ambitec No.4

Sizes (mm)	Price Per Pc (₹)	Sizes (mm)	Price Per Pc (₹)
33	900	46	2200
34	950	48	2500
35	950	50	2650
36	1200	55	5500
38	1250	60	6000
40	1800	65	6500
41	1600	70	7500
42	2200	75	8000
43	2200	80	9500
44	2200	85	11500
45	2200	90	12500

**COMBINATION RING & OPEN END SPANNERS
ELLIPTICAL PATTERN**



ambitec
No.14

- * Chrome Vanadium Steel
- * Hardened and Tempered
- * Generally Conforming to IS 6389-1972

Size		Price Per Pc (₹)
Metric (mm)	American (Sae)	
6	1/4	46
7	-	46
8	5/16	46
9	-	49
10	3/8	52
11	7/16	54
12	-	60
13	1/2	66
14	9/16	72
15	-	78
16	5/8	81
17	11/16	87
18	-	103
19	3/4	114
20	-	126
21	13/16	153
22	7/8	179
23	-	204
24	15/16	223
27	1-1/16	300
30	1-1/8	350
32	1-1/4	400

C-SPANNER - HALF MOON



ambitec
No.16

- * Duly Hardened & Tempered
- * Chrome Vanadium Steel

Sizes (mm)	Sizes (Sae)	Price Per pc. (₹)	Sizes (mm)	Sizes (Sae)	Price Per pc. (₹)
8x10	-	220	13x17	-	300
9x11	-	220	14x15	-	270
10x11	-	220	14x17	-	300
10x12	-	220	14x19	-	300
10x13	-	220	16x17	-	300
11x13	-	220	17x19	-	300
12x13	-	230	18x19	-	300
13x15	1/2x9/16	270	19x22	5/8x3/4	350

GEAR WRENCH - STRAIGHT



ambitec
No.15

- * Fully Polished
- * Chrome Vanadium Steel
- * Ring Side Ratchet Other Side Open Spanner
- * Bright Chrome

Sizes (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)	Sizes (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
8	10	400	18	5	650
9	10	400	19	5	700
10	10	400	20	5	750
11	10	400	21	5	750
12	10	500	22	5	750
13	10	500	24	5	800
14	10	500	27	5	1000
15	5	500	30	5	1100
16	5	600	32	5	1200
17	5	650	-	-	-

C- WRENCH



Size (mm)	Price Per pc. (₹)
200	1200

TUBULAR BOX SPANNERS - HEAVY DUTY



ambitec
No.20

- * Made out of Selected Tubing.
- * Chrome Plated.
- * Generally Conforming to IS 2030-1989

Size (mm)	Shelf Carton (Packing)	Price Per pc. (₹)	Size (mm)	Shelf Carton (Packing)	Price Per pc. (₹)
6x7	10	36	24x26	6	154
8x9	10	40	24x27	6	154
10x11	10	46	25x28	6	165
12x13	10	50	27x32	6	220
14x15	10	60	30x32	6	220
16x17	10	70	32x36	4	330
17x19	10	80	36x41	4	400
18x19	10	80	41x46	4	500
20x22	10	92	46x50	4	800
21x23	6	105	50x52	4	1000
22x24	6	160	50x55	4	1200
Tommy Bar (Small)		60	Tommy Bar (Big)		120
Set of 8 Pcs. 6x7-20x22 with Tommy Bar		600	Set of 12 Pcs. 6x7-30x32 with Tommy Bar		1350

SOLID TUBULAR SPANNERS - HEX SHAFT



- * Made from CRV Steel
- * Chrome Plated
- * With Hexagon Shaft
- * Hollow center permits access to be Fitted with long Bolts
- * Holes provided in Shaft to Drive the Wrench with Tommy Bar
- * Fully Hardened
- * DIN 896 Form A

Size (mm)	Length	Dia-1	Dia-2	SW	Shelf Carton (Packing)	Price Per pc. (₹)
6x7	105	11	12	8	10	195
8x9	110	13	14	9	10	230
10x11	130	15.5	16.5	11	10	240
12x13	140	17	18	13	10	265
14x15	150	20.5	21.5	14	10	280
16x17	160	23	24	16	10	345
18x19	165	26	27	18	10	380
20x22	175	28	30	19	10	550
21x23	185	29	31	21	6	600
22x24	185	30	32.5	22	6	655
24x26	195	32.5	36.5	24	6	755
24x27	195	32.5	36.5	24	6	755
25x28	205	34	37	25	6	860
27x29	205	36	39	25	6	910
27x30	205	36	42	25	6	960
30x32	210	42	44.5	30	6	1160

TOMMY BARS

Size	Dia	Price Per Pc. (₹)
6-22	Dia of Rod 10x190mm	80
24-32	Dia of Rod 11.8x210mm	140

ANGLE SOCKET



- * Made from High Grade CRV Steel
- * Angle and Through Hole Design
- * Deep Recess at One Side and Socket at other
- * Easily Fit over Protuding Studs
- * **DIN 4652-899**

Size (mm)	Length (mm)	H (mm)	D1 (mm)	WT. (Gms)	Shelf Carton (Packing)	Price Per Pc. (₹)
8	130	22	14	93	10	150
9	130	22	16	121	10	160
10	133	25	17	121	10	165
11	133	25	17	121	10	190
12	144	30	18.5	162	10	195
13	144	30	20	202	10	200
14	165	34	21	212	10	245
15	165	34	22	253	10	270
16	187	38	27	378	10	290
17	187	38	27	378	10	320
18	198	45	27	441	10	355
19	198	45	27	441	10	370
20	210	48	29	537	10	390
21	210	48	30	537	10	440
22	231	54	32	652	10	490
24	237	57	35	880	10	565

BEARING PULLER - 2 JAWS



- * Hardened and Tempered
- * Jaws from Chrome Vanadium Steel
- * **Generally Conforming to IS 9193-1988**

Size	Capacity (mm)	Load Capacity (Tonne)	Price Per Pc. (₹)
2L-4-100mm	20-110	2.60	1200
2L-6-150mm	25-160	4.40	1700
2L-8-200mm	30-210	8.0	2800
2L-10-250mm	30-260	8.80	7200
2L-12-300mm	50-310	14.70	9000

BEARING PULLER - 3 JAWS



- * Jaws from Chrome Vanadium Steel
- * Hardened and Tempered
- * **Generally Conforming to IS 9193-1988**

Size	Capacity (mm)	Load Capacity (Tonne)	Price Per Pc. (₹)
3L-4-100mm	20-110	2.60	1200
3L-6-150mm	25-160	4.50	2000
3L-8-200mm	30-210	8.20	4500
3L-10-250mm	30-260	9.0	8300
3L-12-300mm	50-310	12.50	9200
3L-16-400mm	80-420	-	20000
3L-20-500mm	80-520	-	29000
3L-28-700mm	100-720	-	38000

SINGLE OPEN END SPANNERS

ambitec
No.894



- * German Type Engineer Spanner with a raised collar around the open end.
- * Drop Forged Steel with head set at 15°Angle.
- * Finish : BF (Black Phosphated)
- * **Generally Conforming to IS 2028-2004**

Sizes (mm)	Price Per pc. (₹)	Sizes (mm)	Price Per pc. (₹)
8	60	55	1050
10	60	57	1600
12	60	60	1550
13	80	65	1900
14	80	70	3600
15	80	75	4000
17	80	80	5500
19	80	85	6600
22	100	90	9000
24	100	95	10000
27	120	100	11000
30	150	105	14000
32	180	110	19000
34	250	115	20000
36	280	120	24000
38	360	125	26000
40	400	130	28000
41	400	135	30000
46	500	140	40000
48	800	150	50000
50	750		
SAE		WW Sizes	
2.1/4 A	1600	1-1/8W (1-1/4BS)	800
		1-3/8W (1-1/2BS)	1600

DEEP OFFSET SLOGGING RING SPANNERS



ambitec
No.310

- * Hardened and Tempered
- * Chrome Vanadium Steel
- * Finish : BF (Black Phosphated)

Size (mm)	Price Per pc. (₹)
24	2800
27	2800
30	3000
32	3000
36	4400
38	5000
41	5200
46	6000
50	6500
55	9000
60	9500
65	16000
70	17000
75	18000
80	19000
85	20000
90	22000
95	24000
100	26000
105	28000
110	30000

SLOGGING SPANNERS - OPEN END

ambitec
No.133



- * German Type Engineer Spanner with strong profiled handle and durable striking end.
- * Drop Forged Steel with head set at 15°Angle.
- * **Generally Conforming to IS 4508-1992**

Sizes (mm)	Price Per pc. (₹)	Sizes (mm)	Price Per pc. (₹)
22	500	70	4650
24	500	75	5700
27	550	80	7600
28	600	85	8800
30	550	90	11000
32	600	95	13600
33	800	100	16500
34	650	105	19000
36	670	110	27000
38	750	115	28000
40	1000	120	35000
41	900	125	40000
42	1300	130	46000
44	1500	135	50000
46	1250	140	57000
48	1600	145	58000
50	1400	150	59000
52	2000	155	62000
55	1950	160	65000
57	2400	165	66000
58	2500	170	67000
60	2300	175	69000
65	3300	180	70000
WW Sizes		WW Sizes	
1-1/8W (1-1/4BS)	1600	1-3/8W (1-1/2BS)	2400

SLOGGING SPANNERS - RING END

ambitec
No.306



- * Heavy Duty Spanner with strong profiled handle and durable striking end.
- * Drop Forged *Finish : BF (Black Phosphated)
- * **Generally Conforming to IS 4509-1992**

Sizes (mm)	Price Per pc. (₹)	Sizes (mm)	Price Per pc. (₹)
22	500	70	4700
24	500	75	5500
27	500	80	7100
28	600	85	8200
30	600	90	9500
32	600	95	13000
33	800	100	14000
34	650	105	15000
36	650	110	27000
38	750	115	28000
40	950	120	30000
41	850	125	35000
42	1200	130	46000
44	1500	135	50000
46	1150	140	55000
48	1600	145	58000
50	1300	150	59000
52	1800	155	62000
55	1800	160	65000
57	2100	165	66000
58	2100	170	67000
60	2100	175	69000
65	2800	180	70000
WW Sizes		WW Sizes	
1-1/8W (1-1/4BS)	1600	1-3/8W (1-1/2BS)	2100



- * German Type Engineer Spanner with strong profiled handle and durable striking end.
- * Drop Forged Steel with head set at 15°Angle.
- * **Generally Conforming to IS 4508-1992**

SAE Sizes		SAE Sizes	
Sizes (SAE)	Price Per pc. (₹)	Sizes (SAE)	Price Per pc. (₹)
1	1100	2.3/16	3900
1.1/8	1100	2.1/4	4800
1.1/4	1200	2.3/8	4600
1.5/16	1300	2.1/2	6600
1.3/8	1340	2.5/8	9300
1.7/16	1340	2.3/4	9300
1.1/2	1500	3	11400
1.5/8	1800	3.1/8	15200
1.11/16	3000	3.1/4	17600
1.3/4	2500	3.3/8	17600
1.13/16	2500	3.1/2	22000
1.7/8	3200	3.3/4	27200
2	2800	4	33000
2.1/8	3900		



- * Heavy Duty Spanner with strong profiled handle and durable striking end.
- * Drop Forged *Finish : BF (Black Phosphated)
- * **Generally Conforming to IS 4509-1992**

SAE Sizes		SAE Sizes	
Sizes (SAE)	Price Per pc. (₹)	Sizes (SAE)	Price Per pc. (₹)
1	1100	2.3/16	3600
1.1/8	1200	2.1/4	4200
1.1/4	1200	2.3/8	4200
1.5/16	1300	2.1/2	5600
1.3/8	1300	2.5/8	9400
1.7/16	1300	2.3/4	9400
1.1/2	1500	3	11000
1.5/8	1700	3.1/8	14200
1.11/16	3000	3.1/4	16400
1.3/4	2300	3.3/8	16400
1.13/16	2300	3.1/2	22000
1.7/8	3200	3.3/4	26000
2	2600	4	28000
2.1/8	3600		

PLIERS

COMPLETE RANGE OF **ambitec** PLIERS



nasatec

MINI PLIER - FLAT NOSE

ambitec
No.11401



* Selected Chrome Vanadium Steel * Induction Hardened

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11401	Flat Nose	125	10	170

MINI PLIER - END CUTTING



* Selected Chrome Vanadium Steel * Induction Hardened

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11406	End Cutting	125	10	170

MINI PLIER - ROUND NOSE



* Selected Chrome Vanadium Steel * Induction Hardened

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11402	Round Nose	125	10	170

MINI PLIER - COMBINATION



* Selected Chrome Vanadium Steel * Induction Hardened

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11407	Combination	125	10	170

MINI PLIER - LONG NOSE



* Selected Chrome Vanadium Steel * Induction Hardened

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11403	Long Nose	125	10	170

MINI PLIER - LONG NEEDLE NOSE



* Selected Chrome Vanadium Steel * Induction Hardened

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11408	Long Needle Nose	125	10	170
AT-11409	Long Needle Bent Nose	125	10	170

MINI PLIER - BENT NOSE



* Selected Chrome Vanadium Steel * Induction Hardened

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11404	Bent Nose	125	10	170

GRIP LOCKING PLIER



ambitec
No.11641

* Chrome Plated
* Generally Conforming to IS 10372-1982

Product No.	Size	Shelf Carton (Packing)	Price Per Pc. (₹)
AT/11641-10	250mm-10	5	550

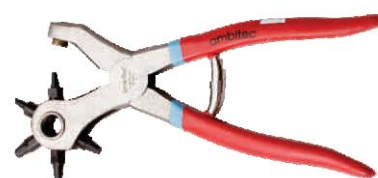
MINI PLIER - SIDE CUTTING



* Selected Chrome Vanadium Steel * Induction Hardened

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11405	Side Cutting	125	10	170

REVOLVING PUNCH PLIER



Size	Shelf Carton (Packing)	Price Per Piece (₹)
200mm	5	800

COMBINATION PLIERS-HEAVY DUTY



ambitec No.26

5 Pcs. free in each Carton of 80 Pcs.(75+5 free)

- * Hardened And Tempered
- * Chrome Vanadium Steel
- * Generally Conforming to IS 3650-1981

Size	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
150mm-6	10	80	185
210mm-8	10	80	220

SIDE CUTTING PLIERS - A



ambitec No.122

- * Jaws And Cutting edge Induction Hardened for Longer Life.
- * Generally Conforming to IS 4378-1990

Product No.	Size	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
AT/122/6	150mm-6	10	160	200

SIDE CUTTING PLIERS - B PROFESSIONAL SERIES



ambitec No.112

Product No.	Size	Shelf Carton (Packing)	Price Per Pc. (₹)
AT/11122/6	165mm (with hole)	10	225
AT/11121/8	200mm	10	290

LONG NOSE PLIER - A



ambitec No.114

- * Chrome Vanadium Steel
- * Generally Conforming to IS 3552-1989

Size	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
150mm-6	10	160	200
200mm-8	10	160	260

LONG NOSE PLIER - PROFESSIONAL SERIES - B

FLAT NOSE PLIER



- * Generally Conforming to IS 3552-1989

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
11421/6	Flat Nose	165	10	250

ROUND NOSE PLIER



- * Generally Conforming to IS 3552-1989

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
11431/6	Round Nose	165	10	250

BENT NOSE PLIER



- * Generally Conforming to IS 3552-1989

Product No.	Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
BN-06	Bent Nose	165	10	200
BN-08	Bent Nose	200	10	260

EXTRA LONG NOSE PLIER- LONG REACH



- * Selected Chrome Vanadium Steel
- * Generally Conforming to IS 3552-1989

Product No.	Size	Shelf Carton (Packing)	Price Per Pc. (₹)
AT/LN-111	275mm-11	10	440

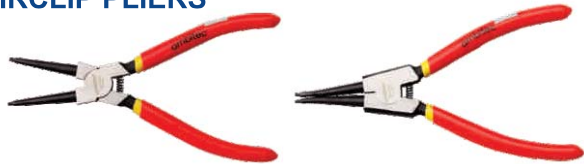
RADIO NOSE PLIER



- * Generally Conforming to IS 2615-1989

Description	Length mm	Shelf Carton (Packing)	Price Per Pc. (₹)
Radio Nose	150	10	175

CIRCLIP PLIERS



CIRCLIP PLIERS-INTERNAL STRAIGHT

- * Selected Chrome Vanadium Steel.
- * Hardened & Tempered
- * Generally Conforming to IS 7989-1976 (Int.), 7990-1976 (Ext.)

Product No.	Sizes (mm)	Capacity	Shelf Carton (Packing)	Price per pc. (₹)
AT11441/5	125mm	8-25mm	10	260
AT11441/7	175mm	19-60mm	10	230
AT11441/9	225mm	40-100mm	5	530
AT11441/13	325mm	85-165mm	2	850

CIRCLIP PLIERS-INTERNAL BENT

Product No.	Sizes (mm)	Capacity	Shelf Carton (Packing)	Price per pc. (₹)
AT11442/5	125mm	8-25mm	10	260
AT11442/7	175mm	19-60mm	10	230
AT11442/9	225mm	40-100mm	5	530
AT11442/13	325mm	85-165mm	2	850

CIRCLIP PLIERS-EXTERNAL STRAIGHT

Product No.	Sizes (mm)	Capacity	Shelf Carton (Packing)	Price per pc. (₹)
AT11443/5	125mm	8-25mm	10	260
AT11443/7	175mm	19-60mm	10	230
AT11443/9	225mm	40-100mm	5	530
AT11443/13	325mm	85-165mm	2	850

CIRCLIP PLIERS-EXTERNAL BENT

Product No.	Sizes (mm)	Capacity	Shelf Carton (Packing)	Price per pc. (₹)
AT11444/5	125mm	8-25mm	10	260
AT11444/7	175mm	19-60mm	10	230
AT11444/9	225mm	40-100mm	5	530
AT11444/13	325mm	85-165mm	2	850

WATER PUMP PLIER SLIP JOINT - WITH DOUBLE DIP INSULATION



ambitec No.145

- * Hardened and Tempered
- * Generally Conforming to IS 6118-1991

Product No.	Size	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
AT145/10	250	10	80	180

WATER PUMP PLIER BOX JOINT - WITH DIP INSULATION-RED WPP



ambitec No.59

- * Hardened and Tempered
- * Generally Conforming to IS 6118-1991

Product No.	Size	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
AT59/10	250	10	80	210

5 Pcs. free in each Carton of 80 Pcs.(75+5 free)

WATER PUMP PLIER - GROOVE JOINT



ambitec No.11225

- * Generally Conforming to IS 6118-1991

Product No.	Size	Shelf Carton (Packing)	Price Per Pc. (₹)
AT11225/10	250mm (with insulation)	5	400

SLIP JOINT PLIERS - A WITH DIP INSULATION



ambitec No.23

- * Drop Forged
- * Generally Conforming to IS 13323-1992

Product No.	Size	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
AT/23/6	150mm-6	10	160	170
AT/23/8	200mm-8	10	160	190

CHISELS

- * Generally Conforming to IS 5663-1970

OCTAGONAL CHISELS



ambitec No.110

- * Fully Forged, Induction Hardened
- * Generally Conforming to IS 402/1990

Product No.	Length mm	Cutting Edge mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT1101	125	9	10	92
AT1102	150	16	10	110
AT1104	200	22	6	165
AT1105	200	25	6	200
AT1106	250	30	4	280
AT1107	300	32	4	350

FLAT CHISELS



Product No.	Length mm	Cutting Edge mm	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11046	150	20	5	135
AT-11048	200	25	5	180
AT-11059	235	25	5	190

C-CLAMP



- * Drop Forged Frame
- * As Per IS-9181-1988
- * High Quality Steel Screw With Drop Handle

Size	Price Per Pc. (₹)
50mm -2	350
75mm-3	460
100mm-4	620
150mm-6	920
200mm-8	1450
250mm-10	2600
300mm-12	3100

CUTTERS

COMPLETE RANGE OF **ambitec** CUTTERS



nasatec

BOLT CUTTERS



ambitec
No.40

* Suitable for Cutting Metal upto 25 HRc Hardness
* Generally Conforming to IS 5200-1998.

Size	Length (mm)	Cutting Capacity in Round Bar	Price Per Pc. (₹)
8	200	3mm	500
12	300	5mm	1000
14	350	7mm	1250
18	450	8mm	1600
24	600	10mm	1900
30	750	13mm	2500
36	900	16mm	3300
42	1050	19mm	5600
48	1200	22mm	7200
SPARE BLADES			
42	1050		3750

WIRE ROPE CUTTER - HEAVY DUTY



ambitec
No.29

* Drop Forged Adaptor
* Blade Drop-Forged from Chrome Vanadium Steel

Size	Cutting Capacity	In Threaded Bolt	In Round Bar	Price Per Pc. (₹)
450mm-18	25 HRC	12mm	10mm	2500
600mm-24	25 HRC	12mm	10mm	3000
800mm-32	25 HRC	12mm	12mm	3500
900mm-36	25 HRC	12mm	14mm	4000
1050mm-42	25 HRC	14mm	16mm	5000

CABLE CUTTER



ambitec
No.31

* Hardened and Tempered

Size	Copper Conductor Cable Suitable	Price Per Pc. (₹)
6-150mm	6	300
8-200mm	7	400
10-250mm	8	560
18-450mm	16	2500
24-600mm	22	3000

TIN CUTTER



NEW

ambitec
No.32

* Generally Conforming to IS 6087-1971

Size	Price Per Pc. (₹)
8-200mm	420
10-250mm	550
12-300mm	700
14-350mm	800

REBAR CUTTER & BENDER- FOR METAL BARS (SOLID BARS CUTTER)



Product No.	Size	Length (mm)	Capacity	Price Per Pc. (₹)
RCC	52	1320	16mm(5/8)	30000

WIRE STRIPPER & CUTTER

ambitec
No.150



* Generally Conforming to IS 5087-1969

Product No.	Sizes (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT150/5	125	10	60

WIRE STRIPPER & CUTTER



NEW

* Generally Conforming to IS 5087-1969

Product No.	Sizes (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-EWS 06	160	10	300

AVIATION CUTTERS



NEW

* Generally Conforming to IS 6087-1971

Description	Length (mm)	Price Per Pc. (₹)
Straight Nose ATC	250	650

PINCER



NEW

Product No.	Size (mm)	Shelf Carton (Packing)	Price per pc. (₹)
AT/ECN/6	150	10	300

COBBLER PINCER-WITH DIP INSULATION



ambitec
No.21

* Generally Conforming to IS 4095-1991

Product No.	Size (mm)	Shelf Carton (Packing)	Price per pc. (₹)
AT/21/6	150	10	160
AT/21/8	200	15	175

TOWER PINCER



Product No.	Size (mm)	Shelf Carton (Packing)	Price per pc. (₹)
AT/11542/8	200	10	250

WRENCHES

COMPLETE RANGE OF **ambitec** WRENCHES



ADJUSTABLE WRENCHES

ambitec
No.1117



* Generally Conforming to IS 6149-1984 Grade-II

Product No.	Length (mm)	Opening Capacity (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
11170-6	155	19	10	210
11171-8	205	26	10	265
11172-10	255	30	10	350
11173-12	305	35	5	460
11174-15	380	43	2	1040

ADJUSTABLE WRENCHES - PROFESSIONAL SERIES

ambitec
No.1117



* Generally Conforming to IS 6149-1984 Grade-II

* Black Nickel is triple coated & Heavy Duty version of the Wrench

Product No.	Length (mm)	Opening Capacity (mm)	Shelf Carton (Packing)	Price Per Pc. (₹) Black Nickel Plated
11171-8	205	26	5	330
11172-10	255	30	5	420
11173-12	305	35	5	570
11174-15	380	43	2	1100
11175-18	445	55	1	2600
11176-24	606	62	1	4000

PIPE WRENCHES STILLSON PATTERN

ambitec
No.225



IMPROVED STEEL HOUSING

* Generally Conforming to IS 4003 Part- I 1978

Product No.	Length (mm)	Opening Capacity (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
225-10	250	33	5	265
225-12	300	42	5	370
225-14	350	48	5	430
225-18	450	60	4	725
225-24	600	73	2	1280
225-36	900	95	1	3000
225-48	1200	110	1	5700

PIPE WRENCHES - Heavy Duty

ambitec
No.1116R



- * Drop Forged from Alloy Steel
- * Handles Blue Powder Coated
- * As Per IS 4003 (Part-II) 1986

Product No.	Size (mm)	Opening Capacity (mm)	Price Per Pc. (₹)
1116R-8	200	35	400
1116R-10	250	49	500
1116R-12	300	60	800
1116R-14	350	60	900
1116R-18	450	76	2200
1116R-24	600	90	2700
1116R-36	900	140	6000
1116R-48	1200	166	9000
1116R-60	1500	220	20000

PIPE WRENCHES ALUMINUM

ambitec
No.1116AL



* As Per IS 4003 (Part-II) 1986

Product No.	Size (mm)	Opening Capacity (mm)	Price Per Pc. (₹)
116AL 10	250	49	1100
116AL 12	300	60	1400
116AL 14	350	60	1600
116AL 18	450	76	2900
116AL 24	600	90	3700
116AL 36	900	140	6900
116AL 48	1200	166	11800

CHAIN PIPE WRENCHES - HEAVY DUTY

ambitec
No.34



- * Salient Design Features : Specially Designed Double Sided Reversible and Interchangeable Forged Jaw to give Longer Life
- * The Ribs on the Jaw Share and Minimize the Load on Holding Fasteners
- * Jaws Drop Forged from Alloy Steel.
- * Handle Blue Powder Coated, Jaw Black Lacquered
- * Generally Conforming to IS 4123-1982

Size	Length (mm)	Chain Length (mm)	Capacity	Price Per Pc. (₹)
3-75mm	710	475	90	2800
4-100mm	920	585	115	5000
6-150mm	1100	834	165	6200
8-200mm	1200	1100	220	8400
10-250mm	1400	1200	260	10500
12-300mm	1610	1360	300	14000
16-400mm	1750	1500	385	17600

SPARES FOR HEAVY DUTY CHAIN PIPE WRENCHES

Size	Price Per Jaw Set ₹	Price Per Chain Set ₹
3-75mm	1400	1100
4-100mm	2100	1600
6-150mm	3000	1800
8-200mm	3700	3200
12-300mm	5200	5200

TORQUE WRENCH

ambitec
No.35



- * Hardened and Tempered
- * Induction Hardened

* As Per IS 6789-2008

Item No.	Square Drive	Capacity			Price Per Pc. (₹)	
		Lb-ft	Nm	Kgf-m	Normal	Ratchet
AT 50	1/2	10-50	14-68	1 - 7	4100	5300
AT 100	1/2	20-100	25-135	3-14	4700	6000
AT 160	1/2	40-160	50-220	5-23	5200	6500
AT 250	1/2	50-250	70-340	7-35	6200	8000
AT 400	3/4	100-400	135-540	14-56	11500	14500
AT 500	3/4	100-500	135-675	14-70	13000	19000
AT 750	3/4	350-750	475-1015	49-105	22000	26500
AT 1000	1	400-1000	540-1380	55-140	28000	36000
AT 1400	1	750-1400	1000-1900	105-195	36000	43000
AT 2000	1	1000-2000	1350-2700	135-275	41000	49000

SQUARE COUPLER (FOR RATCHET, TORQUE WRENCHES)

Drive	Price Per Pc. (₹)
1/2	250
3/4	1000
1	2000

HOOK WRENCH

ambitec
No.36



* Black Finish

* Hardened & Tempered

Size (mm)	Price Per Pc. (₹)	Size (mm)	Price (₹)
28 - 32	350	95 - 100	1400
30 - 32	350	Up to 100mm	1400
34 - 36	400	110 - 115	2000
40 - 42	450	115 - 170 Adj.	3500
45 - 50	600	120 - 130	2000
52 - 55	800	135 - 145	2400
58 - 62	1000	Up to 150mm	2400
19-50 Adjustable	1000	155 - 165	4400
32-75 Adjustable	1800	180 - 195	5800
50-120 Adjustable	2000	Up to 200mm	4000
68 - 75	1200	205 - 220	6500
80 - 90	1400		

HACKSAW FRAME

ambitec
No.67



Size	Handle	Shelf Carton (Packing)	Price Per Pc. (₹)
12 - 300mm	Wooden	6	175
12 - 300mm	Plastic	6	250

HACKSAW BLADE

ambitec
No.68



* Generally Conforming to IS 2594-2003

Size	Shelf Carton (Packing)	Price Per Pc. (₹)
1/2x12x24TPI	100	7
Double Side 1x12x24TPI	50	14

TWO WAY WHEEL SPANNERS

ambitec
No.19



- * Manufactured from Selected Steel.
- * Supplied In Individual Box Packing
- * Finish : BF (Black Phosphated)
- * As per IS 2030-1989
- * Hardened & Tempered

Size (mm)	Price Per Pc. (₹)
24x26	740
24x27	740
27x27	740
27x28	1000
27x30	740
27x32	740
27x33	740
30x30	740
30x32	740
30x33	740
32x32	740
32x32 (Length 550mm)	1100
32x33	740
33x33	740
33x33 (Length 550mm)	1100
32x36	1100
Tommy Bar Length 18 (450mm) Fully Hardened	500
Tommy Bar Length 44(1100mm) Fully Hardened	1000

FOUR WAY WHEEL SPANNERS - HEAVY DUTY

ambitec
No.18



- * All ends Induction Hardened
- * As per IS 12521-1988

Size (mm)	Price Per Pc. (₹)
17,18,19,21 in ϕ = 16mm Rod	400

L - SPANNERS (FOR WHEELS)

ambitec
No.17



- * Hardened & Tempered
- * As per IS 11874-1987

Item No.	Size (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
L 17	17mm	6	190
L 18	18mm	6	195
L 19	19mm	6	200
L 19	19mm with hole	6	220
L 21	20.8mm(13/16)	6	220
L 21	21mm with hole	6	245

RATCHET DIE SET



Size	Price Per Pc. (₹)	Spare Chaser Per Pc.
1/2, 3/4, 1	3850	730
1-1/4, 1-1/2, 2	7700	1560
2-1/2 - 3	10400	3120
4	12000	6240

PIPE DIE SET



Size	Price Per Pc. (₹)
1/2, 3/4, 1	1925
1-1/4, 1-1/2, 2	3535
1-1/4 / 32MM	2600
2-1/2, 3	5700
4	7300

GREASE GUNS -WITH FIXED SPOUT



Model No.	Piston Size	Capacity		Price Per Pc. (₹)
		OZ	Gms.	
AT-507	5/8	15	420	740
AT-510	1/2	15	420	660

BUCKET GREASE PUMP With Trolley Heavy Duty



- * Useful for cleaning greasing of trucks & machinery Pump has steel construction with cast head and solid steel pump chamber.
- * High Pressure hand operated portable pump. Comes complete with 2.2 meter of high pressure hose fitted with accessories.

Model No.	Capacity	Price Per Pc. (₹)
AT-601	6 Kg.	6500
AT-602	10 Kg.	7500

SPARES FOR GREASE GUN

Spares	Price Per Pc. (₹)
Rigid Pipe 7-175mm with nut	32
Grease Gun Adaptor	70
Nozzle Extension (Straight)	25
Nozzle Extension (Bent)	25
Nozzle Extension (Pencil)	25

TAPS & ROUND DIE SETS



Complete Tap & Die Set 1/4 to 1/2 BSW

SETS		Price Per Set (₹)
Contents		3000
Round Die Handle	: 1', 1.1/2' O/D	
Tap Handle	: 1/2 Capacity	
Tap & Dies	: 1/4, 5/16, 3/8, 7/16, 1/2BSW	
Screw Driver	: One Pc.	

Complete Tap & Die Set 6mm to 12mm

SETS		Price Per Set (₹)
Contents		2900
Round Die Handle	: 1', 1.1/2' O/D	
Tap Handle	: 1/2 Capacity	
Tap & Dies	: 6, 7, 8, 10, 12 MM	
Screw Driver	: One Pc.	

Complete Tap & Die Set 6mm to 18mm

SETS		Price Per Set (₹)
Contents		4600
Round Die Handle	: 1', 1.1/2' O/D	
Tap Handle	: 3/4 Capacity	
Tap & Dies	: 6, 8, 10, 12, 14, 16, 18 MM	
Screw Driver	: One Pc.	

Complete Tap & Die Set 0 BA To 6 BA

SETS		Price Per Set (₹)
Contents		2300
Round Die Handle	: 13/16 O/D	
Tap Handle	: 1/4 Capacity	
Tap & Dies	: 0, 1, 2, 3, 4, 5, 6 BA	
Screw Driver	: One Pc.	

Complete Tap & Die Set 0 BA To 8 BA

SETS		Price Per Set (₹)
Contents		2600
Round Die Handle	: 13/16 O/D	
Tap Handle	: 1/4 Capacity	
Tap & Dies	: 0, 1, 2, 3, 4, 5, 6, 7, 8 BA	
Screw Driver	: One Pc.	

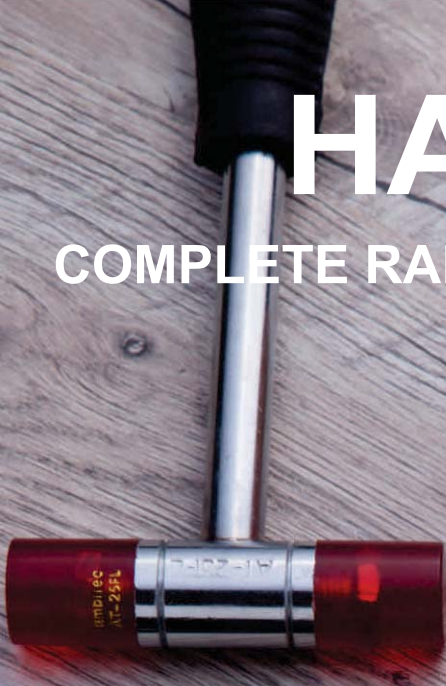
OIL CAN



Size	Shelf Carton (Packing)	Price Per Pc. (₹)
1/2 Pint	10	135

HAMMERS

COMPLETE RANGE OF **ambitec** HAMMERS



nasatec

**BALL / CROSS PEIN HAMMERS
PHOSPHATED FINISH**



- * Drop Forged from Carbon Steel
- * Fitted with Chemically Treated and Seasoned Wood Handle

* Generally Conforming to IS 841 - 1983

Size (gms)	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
100	10	100	155
200	4	60	175
300	4	60	230
500	2	40	280
600	2	24	330
800	2	24	360

MACHINIST HAMMERS - PHOSPHATED FINISH



- * Drop Forged from Carbon Steel
- * Fitted with Chemically Treated and Seasoned Wood Handle

* Generally Conforming to IS 841 - 1983

Size (gms)	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
200	4	60	200
300	4	48	260
500	2	40	320
800	2	24	440

SLEDGE HAMMER - WITH WOODEN HANDLE



- * Fitted with Chemically Treated and Seasoned Wood Handle

* Generally Conforming to IS 841 - 1983

Size (gms)	Shelf Carton (Packing)	Price Per Pc. (₹)
1000	2	400
2000	2	800
3000	1	1200
5000	1	2000
10000	1	4000

SLEDGE HAMMER with Fiberglass Handle



- * Drop Forged from Carbon Steel

Size (gms)	Shelf Carton (Packing)	Price Per Pc. (₹)
1000	4	500
2000	4	1000
5000	1	2200
10000	1	4200

CLAW HAMMER WITH HANDLE



* Generally Conforming to IS 6546-1989

Size (gms)	Price Per Pc. (₹)
450	340

BRASS HAMMER with Fiberglass / Wooden Handle



Size (gms)	Price Per Pc. (₹)	Size (gms)	Price Per Pc. (₹)
500	1600	2500	8000
1000	3200	2700 / 3000	10000
1500	4800	4000	13000
2000	6400	5000	16000

COPPER HAMMER with Fiberglass / Wooden Handle



Size (gms)	Price Per Pc. (₹)
450	2000
1000	4000
2000	8000
4000	16000
5000	20000

SOFT FACED PLASTIC HAMMERS



* Generally Conforming to IS 10838-1984

Product No.	Mallet Dia (mm)	Shelf Carton (Packing)	Master Carton (Packing)	Price Per Pc. (₹)
AT-20FL	20	5	100	170
AT-25FL	25	4	100	215
AT-30FL	30	4	60	285
AT-40FL	40	4	36	450
AT-50FL	50	4	36	650

SPARE MALLET

For Soft Faced Plastic Hammers



* Generally Conforming to IS 10838-1984

Product No.	Mallet Dia (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-20T	20	10	25
AT-25T	25	10	40
AT-30T	30	10	65
AT-40T	40	10	115
AT-50T	50	10	190

SOCKETRY

COMPLETE RANGE OF **ambitec** SOCKETRY



nasatec

6.3mm (1/4) DRIVE HEX SOCKETS



- * Chrome Vanadium Steel
- * Chrome Plated Mirror Finish
- * Generally Conforming to IS 7381 - 1986

Size (mm)	Price Per Pc.(₹)		
	6 Pt.	Regular	Long
4	Hex	30	45
5	Hex	30	45
6	Hex	30	45
7	Hex	31	50
8	Hex	31	50
9	Hex	33	50
10	Hex	34	55
11	Hex	38	56
12	Hex	38	58
13	Hex	40	60
14	Hex	50	62

12.5mm (1/2) DRIVE HEX & BI-HEX SOCKETS



- * Chrome Vanadium Steel
- * Two Tone Finish
- * Generally Conforming to IS 7381 - 1986

Size			6 Pt. / 12 Pt.	Price Per Pc. (₹)
Metric (mm)	English (ww)	American (SAE)		
8	-	-	Hex / Bi-Hex	70
9	-	-	Hex / Bi-Hex	70
10	-	-	Hex / Bi-Hex	70
11	-	-	Hex / Bi-Hex	70
12	1/8	3/8	Hex / Bi-Hex	75
13	3/16	7/16	Hex / Bi-Hex	75
14	-	-	Hex / Bi-Hex	75
15	-	-	Hex / Bi-Hex	75
16	-	-	Hex / Bi-Hex	75
17	-	-	Hex / Bi-Hex	80
18	1/4	1/2	Hex / Bi-Hex	80
19	5/16	9/16	Hex / Bi-Hex	80
20	-	5/8	Hex / Bi-Hex	90
21	3/8	11/16	Hex / Bi-Hex	90
22	-	3/4	Hex / Bi-Hex	90
23	7/16	7/8	Hex / Bi-Hex	100
24	-	-	Hex / Bi-Hex	100
25	1/2	15/16	Hex / Bi-Hex	140
26	-	-	Hex / Bi-Hex	140
27	-	-	Hex / Bi-Hex	150
28	9/16	1	Hex / Bi-Hex	155
29	-	-	Hex / Bi-Hex	160
30	-	-	Hex / Bi-Hex	170
32	-	-	Hex / Bi-Hex	170
33	11/16, 5/8	1.1/8	Hex / Bi-Hex	200
34	3/4	1.1/4	Hex / Bi-Hex	200

12.5mm (1/2) DRIVE HEX & BI-HEX DEEP SOCKETS



- * Chrome Vanadium Steel

Size (mm)	6 Pt. / 12 Pt.	Price Per Pc. (₹)
8 L	Hex / Bi-Hex	155
9 L	Hex / Bi-Hex	155
10 L	Hex / Bi-Hex	155
11 L	Hex / Bi-Hex	155
12 L	Hex / Bi-Hex	155
13 L	Hex / Bi-Hex	155
14 L	Hex / Bi-Hex	155
15 L	Hex / Bi-Hex	155
16 L	Hex / Bi-Hex	155
17 L	Hex / Bi-Hex	165
18 L	Hex / Bi-Hex	165
19 L	Hex / Bi-Hex	165
20 L	Hex / Bi-Hex	190
21 L	Hex / Bi-Hex	200
22 L	Hex / Bi-Hex	210
23 L	Hex / Bi-Hex	250
24 L	Hex / Bi-Hex	260
26 L	Hex / Bi-Hex	280
27 L	Hex / Bi-Hex	350
28 L	Hex / Bi-Hex	350
30 L	Hex / Bi-Hex	420
32 L	Hex / Bi-Hex	500

19mm (3/4) SQ. DRIVE HEX & BI-HEX SOCKETS



- * Chrome Vanadium Steel
- * Generally Conforming to IS 6131-1980 & 7381-1986

Size (mm)	6 Pt. / 12 Pt.	Price Per Pc. (₹)
C-19	Hex / Bi-Hex	280
C-21	Hex / Bi-Hex	280
C-22	Hex / Bi-Hex	280
C-23	Hex / Bi-Hex	280
C-24	Hex / Bi-Hex	280
C-26	Hex / Bi-Hex	320
C-27	Hex / Bi-Hex	320
C-28	Hex / Bi-Hex	320
C-29	Hex / Bi-Hex	340
C-1.1/8A	Hex / Bi-Hex	340
C-30	Hex / Bi-Hex	370
C-32	Hex / Bi-Hex	395
C-33	Hex / Bi-Hex	395
C-34	Hex / Bi-Hex	450
C-35	Hex / Bi-Hex	450
C-36	Hex / Bi-Hex	450
C-38	Hex / Bi-Hex	515
C-40	Hex / Bi-Hex	615
C-41	Hex / Bi-Hex	615
C-42	Hex / Bi-Hex	645
C-46	Hex / Bi-Hex	645
C-48	Hex / Bi-Hex	760
C-50	Hex / Bi-Hex	780
C-52	Hex / Bi-Hex	880
C-55	Hex / Bi-Hex	880
C-57	Hex / Bi-Hex	1000
C-60	Hex / Bi-Hex	1140
C-65	Hex / Bi-Hex	1475
C-70	Hex / Bi-Hex	1540

TORX BIT 12.5mm (1/2) SQUARE DRIVE SOCKET

- *Chrome Vanadium Steel
- *Chrome Plated Mirror Finish



Size (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
T10	10	130
T20	10	130
T25	10	130
T27	10	130
T30	10	130
T40	10	145
T45	10	145
T50	10	145
T55	10	160
T60	10	160

ALLEN SOCKET 12.5mm (1/2) SQUARE DRIVE

- *Chrome Vanadium Steel
- *Chrome Plated Mirror Finish



Size (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
5H	10	140
6H	10	140
8H	10	140
10H	10	140
12H	10	160
14H	10	190

SPLINE SOCKET 12.5mm (1/2) SQUARE DRIVE



Sizes (mm)	Price Per pc. (₹)	Sizes (mm)	Price Per pc. (₹)
8H	160	14H	220
10H	180	16H	300
12H	200		

12.5mm (1/2) DRIVE HEX IMPACT SOCKETS

HEX ONLY

- *Black Finish
- *Manufactured from chrome molybdenum steel



Sizes (mm)	Length (mm)	Price Per pc. (₹)	Sizes (mm)	Length (mm)	Price Per pc. (₹)
17	38	120	17	78	200
18	38	120	18	78	200
19	38	130	19	78	220
21	38	130	21	78	220

12.5mm (1/2) DRIVE HEX IMPACT SOCKET SET

SETS		
Set No.	Contents	Price Per Set (₹)
AT-24M H(Hex) (18 Sockets & 6 Accessories)	Socket Spanners : 10,11,12,13, 14,15, 16, 17, 18,19, 20, 21,22, 23, 24, 27, 30 & 32mm Extension Bar : 125mm,250mm Sliding T-Handle : 250mm Reversible Ratchet Handle Swivel Handle 380mm Universal Joint	8500

19mm (3/4) DRIVE HEX IMPACT SOCKETS

HEX ONLY

- *Black Finish
- *Manufactured from chrome molybdenum steel
- *Generally Conforming to IS 7993-1988



Size (mm)	Price Per Pc. (₹)	Size (mm)	Price Per Pc. (₹)
17	500	38	1100
18	600	41	1250
19	600	42	1350
20	650	43	1450
21	600	44	1450
22	600	45	1650
24	600	46	1450
27	600	48	1550
30	900	50	1550
32	900	55	1650
33	900	57	1750
34	900	60	1850
35	900	65	2000
36	900		

25mm (1) DRIVE IMPACT SOCKETS

- *Black Finish
- *Manufactured from chrome molybdenum steel
- *Generally Conforming to IS 7381-1986



Size (mm)	6 Pt.	Price Per Pc.(₹)	
		Regular	Deep
D17	Hex	750	1400
D18	Hex	850	1400
D19	Hex	750	1400
D21	Hex	900	1400
D22	Hex	750	1400
D24	Hex	800	1470
D26	Hex	1000	1470
D27	Hex	800	1470
D28	Hex	800	1470
D30	Hex	900	1650
D32	Hex	950	1740
D33	Hex	1100	2020
D34	Hex	1100	2020
D35	Hex	1100	2020
D36	Hex	1100	2020
D37	Hex	1400	2200
D38	Hex	1200	2200
D40	Hex	1600	2900
D41	Hex	1600	2940
D42	Hex	2000	3680
D43	Hex	2300	3800
D44	Hex	2300	3800
D45	Hex	2300	3800
D46	Hex	2000	3680
D47	Hex	2500	3750
D48	Hex	2200	4040
D50	Hex	2200	4040
D52	Hex	2500	4600
D55	Hex	2500	4600
D57	Hex	3000	5000
D60	Hex	3000	5520
D65	Hex	3700	6800
D70	Hex	5000	9200
D75	Hex	5200	9560
D80	Hex	6000	11000
D85	Hex	7700	14160
D90	Hex	9000	16560
D95	Hex	10000	18000

1-1/2 DRIVE IMPACT SOCKETS

HEX ONLY



Size (mm)	6 Pt.	Price Per Pc. (₹)	Size (mm)	6 Pt.	Price Per Pc. (₹)
75	Hex	7500	105	Hex	11500
80	Hex	7500	110	Hex	12000
85	Hex	8000	115	Hex	13000
90	Hex	9500	120	Hex	14000
95	Hex	10000	125	Hex	16000
100	Hex	10700	-	-	-

E-SOCKET 1/2 SQUARE DRIVE



- * Chrome Vanadium Steel
- * Chrome Plated Mirror Finish

Size	Shelf Carton (Packing)	Price Per Pc. (₹)
E10	10	140
E11	10	140
E12	10	140
E14	10	140
E16	10	150
E18	10	160
E20	10	170

1/2 DRIVE SPARK PLUG SOCKETS



Size (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
SP16	10	140
SP21	10	150

SOCKET ADAPTORS



Size (mm)	Price Per Pc. (₹)
3/8M x 1/2F	150
3/8F x 1/2M	150
1/2F x 3/4M	350
1/2M x 3/4F	350

IMPACT SOCKETS ADAPTORS



Size (mm)	Price Per Pc. (₹)
1/2Fx3/8M	250
3/8Fx1/2M	250
1/2Fx3/4M	400
3/4Fx1/2M	400
3/4Fx1M	1000
3/4Mx1F	1000
1-1/2Fx1M	2200
1-1/2Mx1F	2200

REVERSIBLE RATCHET HANDLE

ambitec No.11715



* Generally Conforming to IS 7975-1991

Drive	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-11715-1/4	6	650
AT-11715-3/8	6	850
AT-11715-1/2	6	900
AT-11715-3/4	6	4000

RATCHET - NON REVERSIBLE (WITHOUT COUPLER)



Drive	Price Per Pc. (₹)
1/2	700
3/4	4000
1	9000

IMPACT REVERSIBLE RATCHET HANDLE



Drive	Price Per Pc. (₹)
3/4	4500
1	11000
1-1/2	16000

EXTENSION BAR



- * Chrome Plated Finish
- * Chrome Vanadium Steel
- * Generally Conforming to IS 7991-1991

Drive	Length (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
1/4	50		70
1/4	75		80
1/4	100		85
1/4	150		120
1/2	75	10	150
1/2	125	10	190
1/2	250	10	250
3/4	125	6	400
3/4	200	6	450
3/4	400	2	700

IMPACT EXTENSION BAR



* Black Finish

Drive	Length (mm)	Price Per Pc. (₹)
3/4	200	1400
3/4	300	2100
3/4	400	2300
1	200	2000
1	300	2300
1	400	2600
1-1/2	200	4000
1-1/2	300	6000
1-1/2	400	8000

SPEED BRACE



* Generally Conforming to IS 7975-1991

Drive	Length (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
1/2	400	4	550

IMPACT L - HANDLE

* Black Phosphate Finish



Drive	Length (mm)	Price Per Pc. (₹)
3/4	450	1100
1	600	4000

L - HANDLE



* Chrome Plated Finish * Chrome Vanadium Steel

Product No.	Drive	Length (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
11700	1/4	150		130
11734	1/2	200	6	210
11735	1/2	250	6	250
11736	1/2	300	6	300
11737	1/2	450	6	500
11738	3/4	450	1	750

SLIDING T - HANDLE



ambitec
No.17331

* Chrome Plated Finish * Chrome Vanadium Steel

* Generally Conforming to IS 7975-1991

Product No.	Drive	Length (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
10733	1/4	115		120
11733	1/2	300	6	280
12733	3/4	500	2	700

IMPACT SLIDING T - HANDLE



Drive	Price Per Pc. (₹)
3/4	2500
1	4000
1-1/2	5500

SWIVEL HANDLE



* Generally Conforming to IS 7975-1991

Drive	Length (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
1/2	250	6	500
1/2	380	6	700
1/2	500	6	950

UNIVERSAL JOINT



* Generally Conforming to IS 7991-1991

Drive	Shelf Carton (Packing)	Price Per Pc. (₹)
1/4		150
1/2	10	300
3/4	10	1600

1/4 DRIVE HEX SOCKET SET



1/4 DRIVE

SETS		
Set No.	Contents	Price Per Set (₹)
NA-2462 46 Pcs. (Sockets & Accessories)	Regular Sockets : 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm Bit Sockets(Hex) : 3, 4, 5, 6, 7, 8 mm Bit Sockets (Star) : T10, T15, T20, T25, T30, T40 Bit Sockets (Slotted) : 4, 5.5, 7 mm Bit Sockets (Phillips) : PH-1, PH2, PH3 Bit Sockets (Pozidrive) : PZ1, PZ2, PZ3 KEY WRENCH : 1.27, 1.5, 2, 2.5 mm Extension Bar : 50mm & 100mm Sliding T-Handle : 300mm Universal Joint Round Ratchet Handle with Quick Release Flexible Extension Bit Adaptor	2700

CAT. No. NA-2462

10mm (3/8) DRIVE HEX & BI-HEX SOCKET SETS - 10 to 19mm

3/8 DRIVE

SETS		
Set No.	Contents	Price Per Set (₹)
AT - 12 Pcs Set 12 Pcs. (10 Sockets & 2 Accessories)	Socket Spanners : 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19mm Extension Bar : 150mm Reversible Ratchet handle	2500

12.5mm (1/2) DRIVE HEX & BI-HEX SOCKET SET (WW)

1/2 DRIVE WW SERIES

* Chrome Vanadium Steel * Available in Metal Box Packing

SETS		
Set No.	Contents	Price Per Set (₹)
AT-11W4 H (Hex) AT-11W4 BH (Bi-Hex)	Socket Spanner : 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 & 3/4 WW Extension Bar : 125mm, 250mm Sliding T-Handle : 300mm Reversible Ratchet Handle with Quick Release	3800

12.5mm (1/2) DRIVE HEX & BI-HEX SOCKET SET

1/2 DRIVE



- * Chrome Vanadium Steel
- * Available in Metal Box Packing
- * Triple Chrome Plated

SETS		
Set No.	Contents	Price Per Set (₹)
AT-11M4 H(Hex) AT-11M4 BH(Bi-Hex) (11 Sockets & 4 Accessories)	Socket Spanners : 10,11,13, 14,17,19,22,24,27,30 & 32mm Extension Bar : 125mm 250mm Sliding T-Handle : 300mm Reversible Ratchet Handle with Quick Release	3500
AT-23 H(Hex) AT-23 BH(Bi-Hex) (14 Sockets & 4 Accessories)	Socket Spanners : 8, 9, 10,11, 12, 13, 14, 15, 16, 17, 18, 19, 21 & 22mm Extension Bar : 125mm 250mm Sliding T-Handle : 300mm Universal Joint	2800
AT-15 H (Hex) AT-15 BH (Bi-Hex) 24 Pcs. (19 Sockets & 5 Accessories)	Socket Spanners : 11, 12,13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27,28,30,32mm Extension Bar : 125mm 250mm Sliding T-Handle : 300mm Universal Joint Reversible Ratchet Handle with Quick Release	4600
AT-14 H (Hex) AT-14 BH (Bi-Hex) 27 Pcs. (22 Sockets & 5 Accessories)	Socket Spanners :8-24, 26-28, 30, 32 mm Extension Bar : 125, 250mm Sliding T-Handle : 300mm Universal Joint Reversible Ratchet Handle with Quick Release	4800

12.5mm (1/2) DRIVE BI-HEX SOCKET SET (SAE)

1/2 DRIVE SAE SERIES



- * Chrome Vanadium Steel
- * Available in Metal Box Packing
- * Triple Chrome Plated

SETS		
Set No.	Contents	Price Per Set (₹)
AT-12 BH (Bi-Hex) 12 Pcs (10 Sockets & 2 Accessories)	Socket Spanners :3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 1, 1-1/4, Extension Bar : 125mm Reversible Ratchet Handle with Quick Release	3800

19mm (3/4) DRIVE HEX & BI-HEX SOCKET SETS 22 to 50mm

3/4 DRIVE

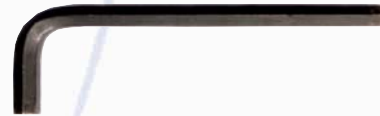
SETS		
Set No.	Contents	Price Per Set (₹)
AT-14 H (Hex) AT-14 BH (Bi-Hex) 14 Pcs (10 Sockets & 4 Accessories)	Socket Spanners : 22, 24, 27, 30, 32, 36, 38, 41, 46, 50mm Extension Bar : 100 & 200mm Sliding T-Handle : 500mm Reversible Ratchet handle	12000

25mm (1) DRIVE IMPACT SOCKET SET 36 to 80mm

1 DRIVE

SETS			
Set No.	Pcs. Per Set	Sizes	Price Per Set (₹)
Impact Sockets of 14 Pcs (10 Sockets & 4 Accessories)	14	Impact Sockets 36, 41, 46, 50, 55, 60, 65, 70, 75 & 80mm Sliding T-Handle, Extension Bar Small, Extension Bar Big Ratchet Handle	44000

HEX ALLEN KEY - SHORT PATTERN



- * Chrome Vanadium Steel
 - * Chamfered Heads
 - * Black Finish
 - * Proper Heat Treatment 48-52 HRc
- Generally Conforming to IS 3082-1988**

Size (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)	Size (Sae)	Shelf Carton (Packing)	Price Per Pc. (₹)
1.5	200	8	1/16	200	8
2	100	8	5/64	100	8
2.5	100	8	3/32	100	8
3	100	8	1/8	100	8
4	50	14	5/32	100	12
4 Long		25	3/16	100	15
5	50	20	7/32	50	20
5 Long		40	1/4	50	22
5.5	50	30	5/16	50	40
6	50	26	3/8	30	50
6 Long		50	7/16	30	75
7	30	38	1/2	30	130
8	30	41	9/16	20	170
9	30	55	5/8	10	240
10	20	68	3/4	10	400
11	20	110	7/8	5	750
12	20	130	1	2	1000
13	20	160			
14	10	170			
16	10	240			
17	10	290			
19	5	400			
22	4	750			
24	4	850			
27	4	1500			
30	2	2200			
32	2	2600			
36	1	5500			
38	1	5500			
41	1	6500			
46	1	8000			
50	1	9000			

HEX ALLEN KEY SET - SHORT PATTERN

- * Chrome Vanadium Steel
- * Black Finish
- * Chamfered Heads
- * Proper Heat Treatment 48-52 HRC
- * Sliding Box Packing



Contents	Shelf Carton (Packing)	Price Per Set (₹)
10 Pcs. Set (Sae) 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8	5	260
9 Pcs. Set (mm) 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	5	260

HEX ALLEN KEY SETS - LONG PATTERN



- * Chrome Vanadium Steel
- * Black Finish
- * Chamfered Heads
- * Plastic Holder Packing
- * Proper Heat Treatment 48-52 HRC

Contents	Shelf Carton (Packing)	Price Per Set (₹)
9 Pcs. Set (mm) 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	5	500

ALLEN KEY SET LONG TYPE (TORX)



Product No.	Contents	Price Per Set (₹)
ATKTH9S	9 Pcs. Set (mm) {Long type} (Torx) T10, T15, T20, T25, T27, T30, T40, T45, T50	600

HEX ALLEN KEY SET LONG ARM (BALL TYPE)



Product No.	Contents	Price Per Set (₹)
ATKBHM9L	9 Pcs. Set (mm) {Long arm} (Ball Type) 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	600

HEX ALLEN KEY SET EXTRA LONG ARM



Product No.	Contents	Price Per Set (₹)
ATXLONG9L	9 Pcs. Set (mm) {Extra Long arm} 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	800

HEX KEY WITH HANDLE (mm sizes)



Size (mm)	Price Per pc. (₹)
AT-TAK 1.5	70
AT-TAK 2	70
AT-TAK 2.5	80
AT-TAK 3	90
AT-TAK 4	100
AT-TAK 5	120
AT-TAK 5.5	130
AT-TAK 6	140
AT-TAK 8	175
AT-TAK 10	250

HEX ALLEN KEYS SET WITH HANDLE (mm sizes)

SETS		
Set No.	Description	Price Per Set (₹)
AT-TAKM9	T Handle Allen Keys (1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm)	1300

FOLDING TYPE KEYS SET



SETS		
Set No.	Description	Price Per Set (₹)
AT-KFMT 14 (MM & Torx)	Hex Allen Keys (1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm) Torx Allen Keys (T8, T9, T10, T15, T20, T25 & T27)	650

T-SOCKETS



- * Drop Forged Frame
- * High Quality Steel Screw With Drop Handle
- * Generally Conforming to IS 9181-1988

Sizes (mm)	Price Per pc. (₹)	(mm)	Price Per pc. (₹)
6	150	11	160
7	150	12	175
8	150	13	175
9	160	14	175
10	160		

FLAT SCREW DRIVERS ⊖



* Engineer's Pattern

* Generally Conforming to IS 844 - 1979

Product No.	Blade Size Length x Dia (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-932	50 x 3	10	31
AT-933	75 x 3	10	33
AT-911	50 x 3	10	34
AT-901	75 x 3	10	41
AT-902	100 x 3	10	42
AT-912	75 x 3.5	10	40
AT-913	100 x 4	10	48
AT-712	125 x 4	10	43
AT-713	75 x 5	10	52
AT-936	150 x 5	10	60
AT-921	75 x 6	10	54
AT-922	100 x 6	10	55
AT-923	125 x 6	10	58
AT-824	150 x 6	10	67
AT-825	200 x 6	10	72
AT-826	250 x 6	10	78
AT-6300	300 x 6	10	84
AT-924	125 x 8	10	95
AT-925	150 x 8	10	97
AT-827	200 x 8	10	108
AT-828	250 x 8	10	113
AT-829	300 x 8	10	123
AT-927	200 x 10	6	183
AT-928	250 x 10	6	193
AT-929	300 x 10	6	203
AT-930	400 x 10	6	223
AT-931	450 x 10	6	228
AT-940	600 x 10	6	483

FLAT SCREW DRIVERS-INSULATED ⊖



Product No.	Blade Size Length x Dia (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-354	100 x 3.5	20	31
AT-356	150 x 3.5	20	33
AT-358	200 x 3.5	20	35
AT-822	125 x 3.5	20	43
AT-842	150 x 3.5	20	44
AT-832	200 x 3.5	20	49
AT-823	150 x 4.0	20	53
AT-833	200 x 4.0	20	55
AT-934	100 x 5.0	10	58
AT-935	125 x 5.0	10	59
AT-936	150 x 5.0	10	63
AT-937	200 x 5.0	10	72
AT-938	250 x 5.0	10	74
AT-939	300 x 5.0	10	75
AT-824	150 x 6.0	10	74
AT-825	200 x 6.0	10	77
AT-826	250 x 6.0	10	86
AT-827	200 x 8.0	10	116
AT-829	300 x 8.0	6	131
AT-928	250 x 10.0	6	201

SCREW DRIVERS - TWO IN ONE ⊕⊖



Improved

* C.A. Transparent Green Handle

* Generally Conforming to IS 844 - 1979

Product No.	Blade Size Length x Dia (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-810	60 x 3.5	10	49
AT-803	55 x 3.0	10	54
AT-803 Long	100 x 3.0	10	66
AT-804	75 x 5.0	10	69
AT-904	100 x 6.0	10	77
AT-905	140 x 6.0	10	84
AT-907	200 x 6.0	10	90
AT-903	250 x 6.0	10	103
AT-9012	300 x 6.0	10	123
AT-906	150 x 8.0	10	138
AT-910	250 x 8.0	10	178
AT-852	200 x 8.0	10	158

TWO IN ONE - STUBBY SCREW DRIVER



Product No.	Blade Length (mm)	Tip Dimensions	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-974	75	2 Phillips 6.0 x 0.8	10	80

PHILIPS SCREW DRIVERS ⊕



* Engineer's Pattern

* Generally Conforming to IS 844 - 1979

Product No.	Blade Size Length x Dia (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT 859 50	50 x 3	10	36
AT 860 60	60 x 3	10	41
AT 860 150	150 x 3	10	48
AT 861 75	75 x 5	10	55
AT 861 100	100 x 5	10	57
AT 861 150	150 x 5	10	61
AT 861 200	200 x 5	10	66
AT 862 100	100 x 6	10	88
AT 862 150	150 x 6	10	90
AT 862 200	200 x 6	10	94
AT 862 250	250 x 6	10	96
AT 862 300	300 x 6	10	103
AT 863 150	150 x 8	10	122
AT 863 200	200 x 8	10	125
AT 863 250	250 x 8	10	134
AT 863 300	300 x 8	10	142
Phillips Set (Set of 5 Pcs) 6x100, 6x150, 6x200, 6x250, 6x300 Pouch Packing. Handle Opaque Blue Colour			340

TESTER - WITH NEON BULB



Improved

* Generally Conforming to IS 5579 - 1985 Grade II

Item No.	Handle Colour	Overall Length (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-813	Yellow	125	21	62
AT-814	Green	125	21	48

HEAD OF THE HANDLES ARE HEAVIER THAN EVER BEFORE

SCREW DRIVERS - OPAQUE HANDLE ⊖



* Generally Conforming to IS 844 - 1979

Product No.	Blade Size Dia x Length (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
AT-353	3.5 x 75	10	17
AT-354Ins	3.5 x 100	10	19
AT-454Ins	4.5 x 100	10	23
AT-456Ins	4.5 x 150	10	25
AT-504Ins	5.0 x 100	10	35
AT-506Ins	5.0 x 150	10	39
AT-508Ins	5.0 x 200	10	43
AT-604	6.0 x 100	10	35
AT-606	6.0 x 150	10	39
AT-608	6.0 x 200	10	43
AT-610	6.0 x 250	10	49
AT-806	8.0 x 150	10	69
AT-808	8.0 x 200	10	75
AT-810	8.0 x 250	10	79
AT-812	8.0 x 300	10	83
AT-786	6.0 x 100	10	51
AT-788	6.0 x 150	10	49
AT-787Ins	6.0 x 250	10	66

SCREW DRIVERS SET



5 Pcs. free in each Carton of 60 Pcs.(55+5 free)

Description	Master Carton (Packing)	Price Per Kit (₹)
Screw Driver Set No.AT-800 (Neon Bulb with eight Blades in 6mm Dia Consisting Extn.Rod)	60	300

SCREW DRIVERS SET



10 Pcs. free in each Carton of 120 Pcs.(110+10 free)

Description	Master Carton (Packing)	Price Per Kit (₹)
Screw Driver Set No.AT-812 (Neon Bulb with Five Blades including Poker)	120	265

POKER

Description	Shelf Carton (Packing)	Price Per Pc. (₹)
Poker 606	10	75
Poker 608	10	80

PRECISION SCREW DRIVER SETS



SETS		
Set No.	Description	Price Per Set (₹)
AT-PSF6	Precision Screw Driver Set (6 Pcs) (containing Flat 1.4mm, 2.0mm, 2.4mm, 3.0mm & Philips Tip no 0&1)	240

ALL STEEL BENCH VICE FIXED BASE

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No.62



* Body Made from Selected Steel
* Hardened & Knurled Replaceable High Carbon Steel Jaws

Size	Width of Jaws (mm)	Opening of Jaws (mm)	Depth of Jaws (mm)	Weight Kg	Price Per Pc. (₹)
100mm-4	102	110	75	8.0	2700
125mm-5	130	135	78	9.8	3700
150mm-6	152	155	88	12.5	4500
200mm-8	202	210	95	20.0	6600

SPECIAL GRADED CAST IRON VICE HEAVY WEIGHT PROFESSIONAL

ambitec
No.65



* Body Made from Selected Steel
* Available in Both Fixed & Swivel Base
* Hardened & Knurled Replaceable High Carbon Steel Jaws

Size	Width of Jaws (mm)	Opening of Jaws (mm)	Depth of Jaws (mm)	Weight Kg	Price Per Pc. (₹)
100mm-4	102	112	68	10.0	3400
125mm-5	130	145	76	15.0	4600
150mm-6	155	202	78	18.0	5600
200mm-8	202	230	98	33.0	9600
300mm-12	302	310	135	55.0	26000

PIPE VICE - PILLAR TYPE HEAVY DUTY

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No.64



Size	Price Per Pc. (₹)
1/2 to 2 - 50mm	1250
3 - 75mm	2100

PIPE VICE - SELF LOCKING HEAVY DUTY

ambitec
No.55



* Body made from Selected Steel
* Generally Conforming to IS 6007-1971

Size	Opening (mm)	Price Per Pc. (₹)
1#	10-60	2100
2#	10-90	2400
3#	15-115	3100
4#	15-165	5000

FLAT FILE - WITH SEPARATE HANDLE (BASTARD)



Size (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
250	10	200

HALF ROUND FILE - WITH SEPARATE HANDLE



Size (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
250	10	440

CENTRE PUNCHES



* Generally Conforming to IS 7177-1999

Product No.	Length (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
11984	100	10	55
11985	125	10	70
11986	150	10	90
11988	200	10	120

LEATHER PUNCHES



Product No.	Length (mm)	Hole Size (mm)	Shelf Carton (Packing)	Price Per Pc. (₹)
11786	100	6	10	65
11787	100	8	10	67
11788	100	10	10	70

FILTER WRENCH : BELT TYPE



Size	Price Per Pc. (₹)
225mm Long	400
300mm Long	550

SPIRIT LEVEL



Size	Price Per Pc. (₹)
300mm	120

LEATHER - TOOL APRON



Contents	Price Per Pc. (₹)
11 Pockets	950

FEELER GAUGE (26 Blades in mm)



Size	Shelf Carton (Packing)	Price Per Pc. (₹)
0.03mm - 1.00mm	20	400

ROUND DIE & HANDLE - UNICEF APPROVED DESIGN



Size	Price Per Pc. (₹)
12 x 1.75	550

THREAD TAP (WITH HANDLE) UNICEF APPROVED DESIGN



Size	Price Per Pc. (₹)
12 x 1.75 (Set of 3 Pcs)	1200
12 x 1.75 (Only One Final Tap)	800

TOOL BOX WITH COMPARTMENTS



* Easy to Handle * Convenient to Move

Set No.	Price Per Pc. (₹)	
	Without Packing	With Packing
425mm = 3 Trays	1150	1250 (2 Pc.Packing)
525mm = 5 Trays	1850	1950 (2 Pc.Packing)

Non-sparking tools are made of materials that are non-ferrous and therefore reduce the risk of a spark being created while the tool is in use. Non-sparking tools protect against both fire and explosion in environment that may contain flammable solvents/liquids, flammable vapors, or flammable dusts or residues. When working in confined spaces and areas where flammable gases or dust are present, using a non-sparking tool is the best practice in many cases.



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NON SPARKING TOOLS

SAFETY FIRST

**Manufactured from
ALUMINIUM BRONZE**

APPLICATIONS

- * OIL & GAS INDUSTRY
- * PETROCHEMICAL
- * CHEMICAL
- * MARINE
- * AEROSPACE

Chemical Composition, Other Mechanical & Physical Properties of Non-Sparking Tools Material Aluminum Bronze

Parameters		Aluminum Bronze				
		Cu	Al	Ni	Fe	Mn
Chemical Properties	Min.%	86	9	4	1	-
	Max.%	93	12	6	3	1.5
Physical Properties	Density Weight	8.10 g/cm ³				
	Magnetic Properties	1.1				
	Dilation Coefficient	0.000015%				
	Electricity Conductivity	8/12				
Mechanical Properties	Strength N/mm ²	782-989				
	Yield Point N/mm ²	450-550				
	Hardness Brinell	229/291				

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DOUBLE ENDED OPEN JAW SPANNERS



Size (mm)	Price Per Pc. (₹)
6x7	1100
8x9	1200
10x11	1400
12x13	1800
14x15	2200
16x17	2500
18x19	3300
20x22	3800
21x23	4000
22x24	4800
24x26	5900
7/16x9/16w	8900
24x27	6300
25x28	6700
27x30	8400
30x32	9300
32x36	10600
34x36	13200
36x41	13200
41x46	16400
46x50	18000
50x55	20000
55x60	25200
60x65	27300
65x70	31000
75x80	44100

SETS			
Set No.	Pcs.Per Set	Sizes	Price Per Set (₹)
12/8mm	8	6 to 22mm	17000
12/10mm	10	6 to 27mm	27500
12/100mm	10	6 to 32mm	33000
12/12mm	12	6 to 32mm	43500

RING SPANNER



Size (mm)	Price Per Pc. (₹)	Size (mm)	Price Per Pc. (₹)
6x7	1300	24x26	6600
8x9	1400	24x27	6800
10x11	1800	25x28	7500
12x13	2100	27x30	9500
14x15	2300	30x32	9700
16x17	2700	32x36	14000
17x19	3500	34x36	20000
18x19	3500	36x41	20000
20x22	4300	41x46	23100
21x23	4400	46x50	28400
21x26	10500	50x55	30500
7/16x9/16w	10500	55x60	37800
22x24	5100	65x70	42000

SETS			
Set No.	Pcs.Per Set	Sizes	Price Per Set (₹)
13/8mm	8	6 to 22mm	19400
13/10mm	10	6 to 27mm	30600
13/100mm	10	6 to 32mm	35800
13/12mm	12	6 to 32mm	48300

SINGLE OPEN END SPANNERS



Size (mm)	Price Per Pc. (₹)
36	6600
41	7200
46	9100
50	10300
55	11300
60	13700
65	18900
70	21000

SLOGGING / HAMMERING OPEN JAW SPANNERS



Size (mm)	Price Per Pc. (₹)	Size (mm)	Price Per Pc. (₹)
22	2800	60	15800
24	3200	65	18900
27	3900	70	23100
30	4800	75	26300
32	5700	80	31800
34	6700	85	38000
36	6700	90	45100
38	7200	95	51500
41	8300	100	59900
46	10000	105	70400
50	11200	110	75600
55	13100	-	-

SLOGGING / HAMMERING RING SPANNER



Size (mm)	Price Per Pc. (₹)	Size (mm)	Price Per Pc. (₹)
22	3300	60	16000
24	3700	65	16800
27	4400	70	18900
30	5100	75	21500
32	5500	80	23700
34	6100	85	29000
36	6500	90	34200
38	7700	95	39600
41	9600	100	45200
46	10700	105	49400
50	12400	110	56700
55	14700	-	-

Test Certificate is provided for each piece

COMBINATION SPANNER



Size (mm)	Price Per Pc. (₹)	Size (mm)	Price Per Pc. (₹)
6	1600	20	4400
7	1700	21	4600
8	1900	22	5000
9	2100	23	5400
10	2200	24	5600
11	2400	25	5900
12	2600	26	6200
13	2700	27	7100
14	2900	28	7200
15	3200	29	8500
16	3500	30	8500
17	3700	32	9600
18	4000	34	11600
19	4200	36	13700

SETS

Set No.	Pcs. Per Set	Sizes	Price Per Set (₹)
14/12	12	6 to 22mm	31500

ALLEN KEYS HEX



Size (mm)	Price Per Pc. (₹)	Size (mm)	Price Per Pc. (₹)
1.5	1600	9	2500
2	1800	10	2600
2.5	1800	12	3200
3	1800	14	4200
4	1800	17	5000
5	1900	19	5700
6	1900	22	6600
7	2100	24	7700
8	2200	27	9000

SETS

Pcs. Per Set	Sizes	Price Per Set (₹)
9	1.5 to 10mm	17200

TOMMY BAR

Size (mm)	Price Per Pc. (₹)
30X200	3200

SCISSORS



Size (mm)	Price Per Pc. (₹)
225-9	7600

PIPE WRENCH



Size (mm)	Price Per Pc. (₹)
200	6500
250	7100
300	8900
350	10700
450	16400
600	24600
900	46200
1200	71400

ADJUSTABLE WRENCH



Size (mm)	Price Per Pc. (₹)
150	5000
200	6600
250	8400
300	12600
375	15800
450	20000
600	34700

CHISELS



Size (mm)	Type	Price Per Pc. (₹)
150x12	Hex	1500
160x16	Hex	2200
160x18	Hex	2300
200x16	Hex	2300
250x16	Hex	2900
200x19	Hex	3200
300x19	Hex	6500
300x24	Hex	10700
200x22	Flat	3200
150x22	Flat	2600
250x24	Flat	6800
300x25	Flat	8400

SCREW DRIVERS



Size (mm)	Price Per Pc. (₹)
75 x 4	1100
100 x 5	1300
150 x 6	1700
200 x 8	2100
250 x 9	2700
300 x 10	3300
400 x 12	5200
75 x 4 (Philips)	1300
100 x 5 (Philips)	1500
150 x 6 (Philips)	1700
200 x 8 (Philips)	2100
250 x 8 (Philips)	2700
300 x 9 (Philips)	4000

Test Certificate is provided for each piece

HACKSAW FRAME



Size	Price Per Pc. (₹)
12-300mm	11800
20-500mm	13900

HACKSAW BLADE



Size	Price Per Pc. (₹)
12x1/2	3700

KNIFE



Size (mm)	Price Per Pc. (₹)
80x193	5800
137x250	6500

HAMMER BALL PEIN WITH HANDLE



Size (gms)	Price Per Pc. (₹)
230	1900
340	2500
450	3600
680	5300
910	6900
1130	8400

SLEDGE HAMMER WITH HANDLE



Size (gms)	Price Per Pc. (₹)
450	3600
1000	7400
1500	10800
2000	14300
2500	17600
3000	20800
4000	27300
5000	33600
7200	47200
10000	67200

COMBINATION PLIERS



Size (mm)	Price Per Pc. (₹)
150 - 6	5400
200 - 8	7100

LONG NOSE PLIERS



Size (mm)	Price Per Pc. (₹)
150 - 6	5800
200 - 8	6500

DIAGONAL SIDE CUTTER PLIERS



Size (mm)	Price Per Pc. (₹)
150 - 6	6000
200 - 8	6600

CIRCLIP PLIERS (INTERNAL/EXTERNAL)



Size (mm)	Price Per Pc. (₹)
125	6400
175	8900

WATER PUMP PLIER



Size (mm)	Price Per Pc. (₹)
250 (Slip Joint)	10500
300 (Groove Joint)	11800

SLIP JOINT PLIER



Size (mm)	Price Per Pc. (₹)
200	5000

FLAT SCRAPER



Size (mm)	Price Per Pc. (₹)
30X200	4200
50X350	7900

Test Certificate is provided for each piece

1/2 DRIVE SOCKETS



Drive	Size (mm)	Price Per Pc. (₹)	Drive	Size (mm)	Price Per Pc. (₹)
1/2	8	2900	1/2	22	6000
1/2	9	3000	1/2	23	6200
1/2	10	3400	1/2	24	6400
1/2	11	3800	1/2	25	6600
1/2	12	4000	1/2	26	6800
1/2	13	4200	1/2	27	7000
1/2	14	4300	1/2	28	7200
1/2	15	4400	1/2	30	7500
1/2	16	4500	1/2	32	7700
1/2	17	4700	3/4	36	9700
1/2	18	4900	3/4	38	9800
1/2	19	5400	3/4	41	9900
1/2	20	5600	3/4	46	11600
1/2	21	5800	3/4	50	13700

1/2 DRIVE SOCKET SET- 31 Pcs.



List Price : 188000/-

Contents
 Sockets : 22 Numbers:
 8-24, 26-28, 30, 32 mm
 13/16 Spark Plug
 Ratchet Wrench 245 mm
 Sliding T-Handle 250 mm
 Speed Brace 400 mm
 Driver Extension 125 mm & 250 mm
 Universal Joint 80 mm
 Screw Driver Socket 52 mm
 Offset Handle 230 mm

3/4 DRIVE SOCKET SET- 14 Pcs.



List Price : 188000/-

Contents
 Socket 11 Numbers :
 Sockets : 21, 24, 27, 30, 32, 34,
 36, 38, 41, 46, 50 mm
 Ratchet Wrench 320 mm
 Sliding T-Handle 3/4 400 mm
 Driver Extension 200 mm

EXTENSION BAR



Drive	Size (mm)	Price Per Pc. (₹)
1/2	125	6800
1/2	250	8300

REVERSIBLE RATCHET



Drive	Size (mm)	Price Per Pc. (₹)
1/2	200	17900
3/4	320	23100

SLIDING HANDLE



Drive	Size (mm)	Price Per Pc. (₹)
1/2	200	6800
3/4	350	11200

TWEEZER



Size (mm)	Price Per Pc. (₹)
125	2900

CYLINDER KEY



Size (Opening) (mm)	Price Per Pc. (₹)
4	2300
6	3700
8	4200
10	5800

BRUSH



Size (mm)	Price Per Pc. (₹)
290x29 (4x16)	2300

CENTRE PUNCHES



Size	Price Per Pc. (₹)
5x150	1900
16x100	2100
6x12x150	2300
14x150	2700
10x10x175	2200
16x150	2700
18x200	2900

FILES FLAT BASTARD WITH HANDLE



Size	Price Per Pc. (₹)
150mm - 6	5600
200mm - 8	6700
250mm - 10	6700
300mm - 12	11600

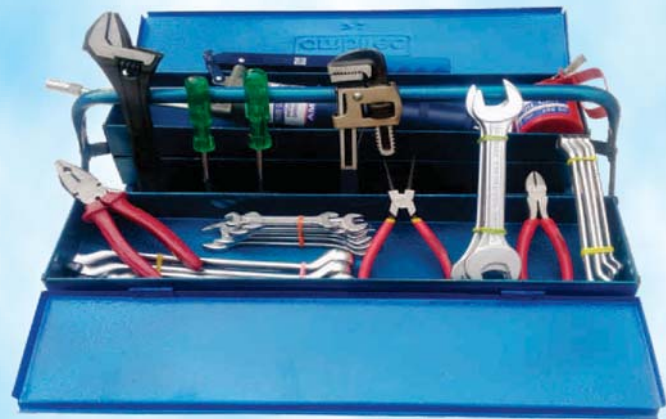
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Test Certificate is provided for each piece

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Tools Forever

TOOL KITS

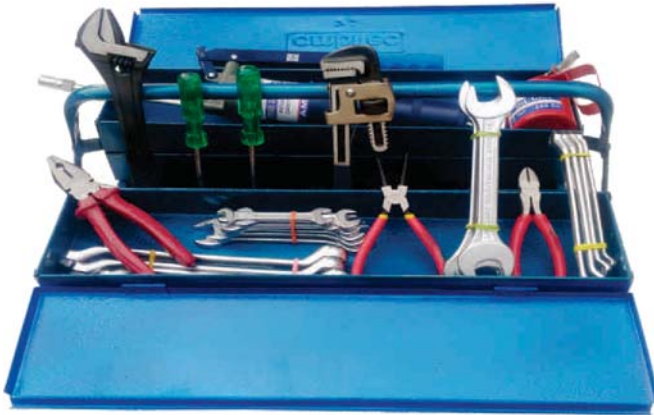


- ★ Specially assembled for the Professionals.
- ★ Each Tool specifically selected keeping in mind the requirement of professionals for the maintenance / installation / assembly.
- ★ Convenient portable Tool kits that can be carried or moved on Large Castor Wheels at the sites.
- ★ Heavy Duty Metal Box made out of Superior Steel Sheet of 18 Gauge to prevent damages during transportation.
- ★ Most of the Tool kit Contents are of 'Ambitec' Brand. The tools / product other than Ambitec Brand will be of the best available in the market.

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Note :The Pictures of Metal Box / Canvas Bag are illustrative. The actual Metal Box / Canvas Bag may vary but will be of superior quality.

AMBITEC TOOL KIT NO. AT 0101 FOR VEHICLE MECHANIC'S KIT



List Price : 9700/-

Description	Pcs.	Description	Pcs.
'AMBITEC' Bi Hexagon Ring Spanner 6x7 - 30x32 mm	12	'AMBITEC' Adjustable Wrench 300 mm	1
'AMBITEC' Double Open End Spanner 6x7 - 30x32 mm	12	'AMBITEC' Flat File Bastard with handle 250 mm	1
'AMBITEC' Circlip Plier Internal Straight 175 mm	1	'AMBITEC' Half Round File with handle 250 mm	1
'AMBITEC' Circlip Plier External Straight 175 mm	1	'AMBITEC' Oil Can	1
'AMBITEC' Grip Locking Plier 250 mm	1	'AMBITEC' Octagonal Chisel 200 mm	1
'AMBITEC' Side Cutting Plier 165 mm	1	Wire Brush	1
'AMBITEC' Combination Plier 210 mm	1	Feeler Gauge Set of 26 Blades (in mm)	1
'AMBITEC' Long Nose Plier 170 mm	1	Locks	1
'AMBITEC' Water Pump Plier 250 mm	1	Tool Chest	1
'AMBITEC' Ball Pein Hammer 200 Gms	1		
'AMBITEC' Flat Screw Drivers 6x150 & 8x300 mm	2		
'AMBITEC' Screw Driver Two in One 6x100 mm	1		
'AMBITEC' 12.5 Square Drive Bi Hexagon Sockets 8,10, 13,17 & 19 mm	5		
'AMBITEC' Extension Bar 75 mm	1		
'AMBITEC' Sliding T-Handle 300 mm	1		
'AMBITEC' Allen Key 1.5 to 10 mm	9		

Tools Forever

★ Total Number of Contents including Locks & Metal Box : 60 Nos.

AMBITEC TOOL KIT NO. AT 0102 FOR MECHANICS



List Price : 46000/-

Description	Pcs.	Description	Pcs.
'AMBITEC' Bi Hexagon Ring Spanner 6x7 - 30x32 mm	12	'AMBITEC' Universal Joint 75 mm	1
'AMBITEC' Double Open End Spanner 6x7 - 30x32 mm	12	'AMBITEC' L- Handle 300mm	1
'AMBITEC' Pipe Wrench 250 & 300 mm	2	'AMBITEC' Allen Key 1.5-10 mm	9
'AMBITEC' Grip Locking Plier 250 mm	1	'AMBITEC' C-Clamp 100 mm	1
'AMBITEC' Circlip Plier Internal Straight 175 mm	1	'AMBITEC' Centre Punches 125 & 150 mm	2
'AMBITEC' Circlip Plier External Straight 175 mm	1	'AMBITEC' Octagonal Chisel 150 & 200 mm	2
'AMBITEC' Side Cutting Plier 165 mm	1	'AMBITEC' Flat File Bastard with Handle 250 mm	1
'AMBITEC' Combination Plier 210 mm	1	'AMBITEC' Hacksaw Blade 300 mm	10
'AMBITEC' Long Nose Plier 170 mm	1	'AMBITEC' Hacksaw Frame 300 mm	1
'AMBITEC' Ball Pein Hammer 500 & 800 Gms	2	'AMBITEC' Half Round File with handle 250 mm	1
'AMBITEC' Screw Driver Philips Pattern 8x150 & 8x250mm	2	'AMBITEC' Torque Wrench AT-160	1
'AMBITEC' Flat Screw Drivers 5x150, 6x125 , 8x150, 10x200, 10x250 & 10x300 mm	6	'AMBITEC' Oil Can	1
'AMBITEC' Flat Screw Drivers Insulated 4x150 & 5x125 mm	2	Measuring Tape Steel 3 Mtrs.	1
'AMBITEC' Adjustable Wrench 200 & 300 mm	2	Rubber Mallet	1
'AMBITEC' 12.5 Square Drive Bi Hexagon Sockets 10-24, 26-28, 30, 32 mm	20	Wire Brush	1
'AMBITEC' Reversible Ratchet	1	Stainless Steel Scale 300 mm	1
'AMBITEC' Extension Bar 125 & 250 mm	2	Feeler Gauge Set of 26 Blades (in mm)	1
'AMBITEC' Sliding T-Handle 300 mm	1	Insulation Tape	1
'AMBITEC' Speed Brace 400 mm	1	Torch	1
		Scissor	1
		Locks	2
		Tool Box	1
		★ Total Number of Contents including Locks & Metal Box : 113 Nos.	

AMBITEC TOOL KIT NO. AT 0103 FOR GARAGE MAINTENANCE KIT



List Price : 36000/-

Description	Pcs.	Description	Pcs.
'AMBITEC' Bi Hexagon Ring Spanner 6x7 - 30x32 mm	12	'AMBITEC' Centre Punches 150 mm	1
'AMBITEC' Double Open End Spanner 6x7 - 30x32 mm	12	'AMBITEC' Octagonal Chisel 200 mm	1
'AMBITEC' Circlip Plier Internal Straight 175 mm	1	'AMBITEC' Torque Wrench T-50	1
'AMBITEC' Circlip Plier External Straight 175 mm	1	'AMBITEC' Soft Faced Plastic Hammer 40FL	1
'AMBITEC' Grip Locking Plier 250 mm	1	'AMBITEC' Soft Faced Plastic Hammer 20FL	1
'AMBITEC' Side Cutting Plier 165 mm	1	'AMBITEC' Flat File Bastard with Handle 250 mm	1
'AMBITEC' Combination Plier 210 mm	1	'AMBITEC' Half Round File with Handle 250 mm	1
'AMBITEC' Long Nose Plier 170 mm	1	'AMBITEC' Allen Key (Short Pattern) 1.5 to 10 mm	9
'AMBITEC' Water Pump Plier 250 mm	1	'AMBITEC' Oil Can	1
'AMBITEC' Adjustable Wrench 300 mm	1	Feeler Gauge Set of 26 Blades (in mm)	1
'AMBITEC' Ball Pein Hammer 500 & 800 Gms	2	Wire Brush	1
'AMBITEC' Flat Screw Drivers		Locks	2
6x200, 8x200 & 10x200 mm	3	Tool Box	1
'AMBITEC' 12.5 Square Drive Bi Hexagon Sockets			
10-24, 26-28, 30, 32 mm	20		
'AMBITEC' Reversible Ratchet	1		
'AMBITEC' Extension Bar 125 & 250 mm	2		
'AMBITEC' Sliding T-Handle 300 mm	1		
'AMBITEC' Speed Brace 400 mm	1		
'AMBITEC' Universal Joint 75 mm	1		

★ Total Number of Contents including Locks & Metal Box : 85 Nos.

AMBITEC TOOL KIT NO. AT 0104 FOR ELECTRICIAN



List Price : 42000/-

Description	Pcs.	Description	Pcs.
'AMBITEC' Bi Hexagon Ring Spanner 6x7 - 30x32 mm	12	'AMBITEC' Water Pump Plier 250 mm	1
'AMBITEC' Double Open End Spanner 6x7 - 30x32 mm	12	'AMBITEC' Allen Key 1.5-10 mm	9
'AMBITEC' Pipe Wrench 250 mm	1	'AMBITEC' C-Clamp 50 mm	1
'AMBITEC' Side Cutting Plier 165 mm	1	'AMBITEC' Centre Punches 150 mm	1
'AMBITEC' Combination Plier 210 mm	1	'AMBITEC' Octagonal Chisel 200 mm	1
'AMBITEC' Adjustable Wrench 250 mm	1	'AMBITEC' Hacksaw Frame 300 mm	1
'AMBITEC' Ball Pein Hammer 500 Gms	1	'AMBITEC' Hacksaw Blade 300 mm	10
'AMBITEC' Flat Screw Drivers 4x100, 6x125 & 8x150 & 8x200 mm	4	'AMBITEC' Half Round File with handle 250 mm	1
'AMBITEC' Flat Screw Drivers Insulated 4x150, 5x125, 5x200 & 5x300 mm	4	'AMBITEC' Flat File Bastard with handle 250 mm	1
'AMBITEC' Screw Driver Philips Pattern 6x100 & 8x150 mm	2	'AMBITEC' Torque Wrench AT-100	1
'AMBITEC' 12.5 Square Drive Bi Hexagon Sockets 8-24, 26-28, 30, 32 mm	22	'AMBITEC' Pincer 200 mm	1
'AMBITEC' Reversible Ratchet	1	'AMBITEC' Wire Stripper 125 mm	1
'AMBITEC' Extension Bar 250 mm	1	'AMBITEC' Oil Can	1
'AMBITEC' Sliding T-Handle 300 mm	1	Measuring Tape Steel 3 Mtrs.	1
'AMBITEC' Speed Brace 400 mm	1	Stainless Steel Scale 300 mm	1
'AMBITEC' L-Handle 300 mm	1	Feeler Gauge Set of 26 Blades (in mm)	1
'AMBITEC' Universal Joint 75 mm	1	Wire Brush	1
		Scissor	1
		Drill Machine 10mm	1
		Locks	2
		Tool Box	1

★ Total Number of Contents including Locks & Metal Box : 106 Nos.

AMBITEC TOOL KIT NO. AT 0105 FOR SUBMERSIBLE PUMPS



List Price : 18000/-

Description	Pcs.	Description	Pcs.
'AMBITEC' Bi Hexagon Ring Spanner 6x7 - 20x22 mm	8	'AMBITEC' Flat File Bastard with Handle 250 mm	1
'AMBITEC' Double Open End Spanner 6x7 - 20x22 mm	8	'AMBITEC' Half Round File with Handle 250 mm	1
'AMBITEC' Pipe Wrench 450 & 600 mm	2	'AMBITEC' Grease Gun	1
'AMBITEC' Combination Plier 210 mm	1	'AMBITEC' Hacksaw Frame 300 mm	1
'AMBITEC' Long Nose Plier 170 mm	1	Measuring Tape Steel 3 Mtrs.	1
'AMBITEC' Adjustable Wrench 300 mm	1	Wire Brush	1
'AMBITEC' Flat Screw Drivers		Teflon Tape	5
6x200, 8x250 & 10x250 mm	3	Locks	1
'AMBITEC' Ball Pein Hammer 800 gms	1	Tool Box	1
'AMBITEC' Cold Chisel 150 & 300 mm	2		
★ Total Number of Contents including Locks & Metal Box : 40 Nos.			

AMBITEC TOOL KIT NO. AT 0106 FOR LINEMAN TOOL KIT



List Price : 9000/-

Description	Pcs.	Description	Pcs.
'AMBITEC' Bi Hexagon Ring Spanner 6x7 - 20x22 mm	8	Insulation Tape PVC	4
'AMBITEC' Double Open End Spanner 6x7 - 30x32 mm	12	Measuring Tape Steel 3 Mtrs.	1
'AMBITEC' Combination Plier 210 mm	1	Pocket Knife	1
'AMBITEC' Side Cutting Plier 165 mm	1	Hand Gloves of Pair	1
'AMBITEC' Long Nose Plier 170 mm	1	Fuse Wire Roll	1
'AMBITEC' Flat Screw Drivers		Testing Holder	1
5x75, 6x150 & 8x300 mm	3	Torch with 3 Cells	1
'AMBITEC' Ball Pein Hammer 500 gms	1	Tool Bag	1
'AMBITEC' Hacksaw Blades 300 mm	10		
'AMBITEC' Hacksaw Frame 300 mm	1		
★ Total Number of Contents including Locks & Tool Bag : 46 Nos.			

METRIC, SAE AND WHITWORTH SIZES : COMPARATIVE CHART

SAE	MM	WW	MM
1/4	6.35	1/16	6.50
5/16	7.94	3/32	7.54
11/32	8.73	1/8	8.64
3/8	9.52	3/16	11.30
13/32	10.32	1/4	13.33
7/16	11.11	5/16	15.24
1/2	12.70	3/8	18.03
9/16	14.29	7/16	20.83
19/32	15.08	1/2	23.37
5/8	15.88	9/16	25.65
11/16	17.46	5/8	27.94
3/4	19.05	11/16	30.48
25/32	19.84	3/4	33.00
13/16	20.64	13/16	35.30
7/8	22.22	7/8	37.59
15/16	23.81	15/16	40.13
1	25.40	1	42.42
1.1/16	26.99	1.1/8	47.24
1.1/8	28.57	1.1/4	52.07
1.3/16	30.16	1.3/8	56.39
1.1/4	31.75	1.1/2	61.21
1.5/16	33.34	1.5/8	65.53
1.3/8	34.92	1.3/4	70.10
1.7/16	36.51		
1.1/2	38.10		
1.9/16	39.69		
1.5/8	41.28		
1.11/16	42.86		
1.3/4	44.45		
1.13/16	46.04		
1.7/8	47.72		
2	50.80		

NOMINAL WRENCH OPENINGS AND NORMAL DIAMETERS OF SAE BOLTS, SCREW AND NUTS WRENCH OPENING

Nominal size of Wrench, also Basic of maximum Width Across Flats of Bolts, Screw Heads end



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Terms & Conditions :

1. The Prices and specification may Change without prior notice.
2. All Prices are Maximum Retail Prices and are inclusive of Excise Duty and all Local Taxes
3. All Prices are FOR Destination. (Up to transporter godown.)
4. This Cancels our previous price list.

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Tools Forever

**Ambika International
88, Waryana Industrial Complex,
Near Kapurthala Road,
Jalandhar (Punjab)**

Ph : +91 8505805551

e-mail : ambitectools@gmail.com(Sales)

ambikainternational78@gmail.com (Plant)

Authorised Dealer :