

HOUSE OF INDUSTRIAL TOOLS

# SMITH

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*Addison HSS All India Standard Price List MC-51*

*w.e.f. 01-11-2024*

*(Exclusive of GST)*

AUTHORISED STOCKISTS FOR



HSS CUTTING TOOLS  
&  
SOLID CARBIDE TOOLS

HOUSE OF INDUSTRIAL TOOLS

**SMITH ENGINEERING COMPANY**  
**SMITH INTERNATIONAL**

[www.smithtools.co.in](http://www.smithtools.co.in)

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Authorised  
Stockists

# NEWLY LAUNCHED

PREMIUM QUALITY



Micro Grain Solid  
Carbide Drills &  
Endmills



Tungsten Carbide  
Tipped Brazed  
Tools



HSS External  
Threading Round  
Dies & HEX Nuts



High Precision Drill  
Chucks, Drill Sleeves &  
Arbors



Torque  
Wrenches



Annular  
Cutters

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30	28	HSS GROUND THREAD MACHINE & NUT TAPS (COARSE PITCH)	82074090	18%
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**HSS PARALLEL SHANK TWIST DRILLS (JOBBER SERIES)**  
**HSN CODE - 82075000**

IS 5101-1991  
 BS 328 (Part 1) 1986

Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.	Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.	Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.
1			12	34	71.00	65.70	2			24	49	72.50	67.10	[3.26]		30			97.80	90.60
[1.02]		60			71.00	65.70	[2.06]		46			72.50	67.10	3.3			36	65	97.80	90.60
[1.04]		59			71.00	65.70	[2.08]		45			72.50	67.10	3.4			39	70	97.80	90.60
[1.07]		58			71.00	65.70	2.1			24	49	72.50	67.10	[3.45]		29			97.80	90.60
[1.09]		57			71.00	65.70	[2.18]		44			72.50	67.10	3.5			39	70	97.80	90.60
1.1			14	36	71.00	65.70	2.2			27	53	72.50	67.10	[3.57]		28			97.80	90.60
[1.18]		56			71.00	65.70	[2.26]		43			72.50	67.10	[3.57]	9/64"				97.80	90.60
[1.19]	3/64"				71.00	65.70	2.3			27	53	72.50	67.10	3.6			39	70	138.30	128.10
1.2			16	38	71.00	65.70	[2.37]		42			72.50	67.10	[3.66]		27			138.30	128.10
1.3			16	38	71.00	65.70	[2.38]	3/32"				72.50	67.10	3.7			39	70	138.30	128.10
[1.32]		55			71.00	65.70	2.4			30	57	72.50	67.10	[3.73]		26			138.30	128.10
1.4		54	18	40	71.00	65.70	[2.44]		41			72.50	67.10	[3.80]		25			138.30	128.10
1.5			18	40	67.40	62.40	[2.49]		40			72.50	67.10	3.8			43	75	138.30	128.10
[1.51]		53			67.40	62.40	2.5			30	57	72.50	67.10	[3.86]		24			138.30	128.10
[1.59]	1/16"				67.40	62.40	[2.53]		39			72.50	67.10	3.9			43	75	138.30	128.10
1.6			20	43	67.40	62.40	[2.58]		38			72.50	67.10	[3.91]		23			138.30	128.10
[1.61]		52			72.50	67.10	2.6			30	57	72.50	67.10	[3.97]	5/32"				138.30	128.10
1.7			20	43	72.50	67.10	[2.64]		37			72.50	67.10	[3.99]		22			138.30	128.10
[1.70]		51			72.50	67.10	2.7			33	61	72.50	67.10	4			43	75	138.30	128.10
[1.78]		50			72.50	67.10	[2.71]		36			72.50	67.10	[4.04]		21			168.60	156.20
1.8			22	46	72.50	67.10	[2.78]	7/64"				72.50	67.10	[4.09]		20			168.60	156.20
[1.85]		49			72.50	67.10	[2.79]		35			79.20	73.40	4.1			43	75	168.60	156.20
1.9			22	46	72.50	67.10	2.8			33	61	79.30	73.40	4.2			43	75	168.60	156.20
[1.93]		48			72.50	67.10	[2.82]		34			79.30	73.40	[4.22]		19			168.60	156.20
[1.98]	5/64"				72.50	67.10	[2.87]		33			79.30	73.40	4.3			47	80	168.60	156.20
[1.99]		47			72.50	67.10	2.9			33	61	79.30	73.40	[4.30]		18			168.60	156.20
							[2.95]		32			79.30	73.40	[4.37]	11/64"				168.60	156.20
							3			33	61	79.30	73.40	[4.39]		17			168.60	156.20
							[3.05]		31			94.40	73.40	4.4			47	80	168.60	156.20
							3.1			36	65	94.40	87.50	[4.50]		16			220.90	204.60
							[3.17]	1/8"				94.40	87.50	4.5			47	80	220.90	204.60
							3.2			36	65	94.50	90.60	[4.57]		15			220.90	204.60

**HSS PARALLEL SHANK TWIST DRILLS (JOBBER SERIES)**

**HSN CODE - 82075000**

IS 5101-1991

BS 328 (Part 1) 1986

Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.	Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.	Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.
4.6			47	80	220.90	204.60	6			57	93	275.80	256.60	7.6			75	117	479.40	446.10
4.6			47	80	220.90	204.60	[6.04]		B			299.80	278.90	[7.67]		N			479.40	446.10
[4.62]		14			220.90	204.60	6.1			63	101	299.80	278.90	7.7			75	117	479.40	446.10
4.7		13	47	80	220.90	204.60	[6.15]		C			299.80	278.90	7.8			75	117	479.40	446.10
[4.76]	3/16"				220.90	204.60	6.2			63	101	299.80	278.90	7.9			75	117	479.40	446.10
4.8		12	52	86	220.90	204.60	[6.25]		D			299.80	278.90	[7.94]	5/16"				526.00	489.40
[4.85]		11			239.40	221.80	6.3			63	101	299.80	278.90	8			75	117	526.00	489.40
4.9			52	86	239.40	221.80	[6.35]	1/4"	E			299.80	278.90	[8.03]		O			526.00	489.40
[4.92]		10			239.40	221.80	6.4			63	101	299.80	278.90	8.1			75	117	526.00	489.40
[4.98]		9			239.40	221.80	6.5			63	101	383.30	356.60	8.2			75	117	526.00	489.40
5			52	86	239.40	221.80	[6.53]		F			383.30	356.60	[8.20]		P			526.00	489.40
[5.06]		8			227.70	213.90	6.6			63	101	383.30	356.60	8.3			75	117	638.10	593.70
5.1			52	86	227.70	213.90	[6.63]		G			383.30	356.60	[8.33]	21/64"				638.10	593.70
[5.11]		7			227.70	213.90	6.7			63	101	383.30	356.60	8.4			75	117	638.10	593.70
[5.16]	13/64"				227.70	213.90	[6.75]	17/64"				383.30	356.60	[8.43]		Q			638.10	593.70
[5.18]		6			227.70	213.90	[6.75]		H			383.30	356.60	8.5			75	117	638.10	593.70
5.2			52	86	227.70	213.90	6.8			69	109	383.30	356.60	8.6			81	125	638.10	593.70
[5.22]		5			245.30	228.20	6.9			69	109	420.10	390.80	[8.61]		R			638.10	593.70
5.3			52	86	245.30	228.20	[6.90]		I			420.10	390.80	8.7			81	125	638.10	593.70
[5.31]		4			245.30	228.20	7			69	109	420.10	390.80	[8.73]	11/32"				671.80	625.00
5.4			57	93	245.30	228.20	[7.03]		J			420.10	390.80	8.8			81	125	671.80	625.00
[5.41]		3			245.30	228.20	7.1			69	109	420.10	390.80	[8.84]		S			671.80	625.00
5.5			57	93	245.30	228.20	[7.14]		K			420.10	390.80	8.9			81	125	671.80	625.00
[5.56]	7/32"				245.30	228.20	[7.14]	9/32"				420.10	390.80	9			81	125	671.80	625.00
5.6			57	93	245.30	228.20	7.2			69	109	420.10	390.80	[9.09]		T			700.80	652.00
[5.61]		2			275.80	256.60	7.3			69	109	442.50	411.70	9.1			81	125	700.80	652.00
5.7			57	93	275.80	256.60	[7.37]		L			442.50	411.70	[9.13]	23/64"				700.80	652.00
[5.79]		1			275.80	256.60	7.4			69	109	442.50	411.70	9.2			81	125	700.80	652.00
5.8			57	93	275.80	256.60	[7.49]		M			442.50	411.70	9.3			81	125	700.80	652.00
5.9			57	93	275.80	256.60	7.5			69	109	442.50	411.70	[9.34]		U			700.80	652.00
[5.94]		A			275.80	256.60	7.54	19/64"				479.40	446.10	9.4			81	125	700.80	652.00
[5.95]					275.80	256.60														

**HSS PARALLEL SHANK TWIST DRILLS (JOBBER SERIES)**  
**HSN CODE - 82075000**

IS 5101-1991  
 BS 328 (Part 1) 1986

Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.	Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.	Size mm	Inch	WG/LG	F/L	O/L	M2 Price Each Rs.	M2 Ground Price EachRs.
9.5			81	125	700.80	652.00	[11.51]	29/64				1201.00	1117.40	[14.29]	9/16				2164.60	2013.90
[9.52]	3/8				793.60	738.40	11.6			94	142	1201.00	1117.40	14.5			114	169	2164.60	2013.90
[9.58]		V			793.60	738.40	11.7			94	142	1201.00	1117.40	[14.68]	37/64				2333.00	2170.60
9.6			87	133	793.60	738.40	11.8			94	142	1201.00	1117.40	15			114	169	2333.00	2170.60
9.7			87	133	793.60	738.40	11.9			101	151	1282.80	1193.50	[15.08]	19/32				2333.00	2170.60
9.8			87	133	793.60	738.40	[11.91]	15/32				1282.80	1193.50	[15.48]	39/64				2528.60	2352.60
[9.80]		W			793.60	738.40	12			101	151	1282.80	1193.50	15.5					2528.60	2352.60
9.9			87	133	888.20	826.40	12.1			101	151	1282.80	1193.50	[15.87]	5/8				2528.60	2352.60
[9.92]	25/64				888.20	826.40	12.2			101	151	1282.80	1193.50	16			120	178	2528.60	2352.60
10			87	133	888.20	826.40	12.3			101	151	1361.30	1266.50	16.5					2610.40	2428.70
[10.08]		X			888.20	826.40	[12.30]	31/64				1361.30	1266.50	[16.67]	21/32				2610.40	2428.70
10.1			87	133	888.20	826.40	12.4			101	151	1361.30	1266.50	17					2674.60	2488.40
10.2			87	133	888.20	826.40	12.5			101	151	1361.30	1266.50	[17.46]	11/16				2674.60	2488.40
[10.26]		Y			963.80	896.70	12.6			101	151	1361.30	1266.50	17.5					2839.70	2642.00
10.3			87	133	963.80	896.70	[12.70]	1/2				1436.80	1336.80	18					2892.60	2691.30
[10.32]	13/32				963.80	896.70	12.8			101	151	1436.80	1336.80	[18.26]	23/32				2892.60	2691.30
10.4			87	133	963.80	896.70	12.9			101	151	1436.80	1336.80	18.5					3030.50	2819.50
[10.49]		Z			963.80	896.70	13			101	151	1436.80	1336.80	19					3061.00	2848.00
10.5			87	133	963.80	896.70	[13.10]	33/64				1786.20	1661.90	[19.05]	3/4				3061.00	2848.00
10.6			87	133	963.80	896.70	13.1			101	151	1786.20	1661.90	19.5					3442.60	3202.90
10.7			94	142	1019.80	948.80	13.2			101	151	1786.20	1661.90	[19.84]	25/32				3442.60	3202.90
[10.72]	27/64				1019.80	948.80	13.3			108	160	1786.20	1661.90	20			140	205	3655.90	3462.20
10.8			94	142	1019.80	948.80	13.4			108	160	1786.20	1661.90	<b>DRILL SET</b>			<b>PRICE</b>	<b>PRICE</b>		
10.9			94	142	1019.80	948.80	[13.49]	17/32				1901.60	1769.30	1 MM TO 13MM- 0.5 RISING (with metal box)						
11			94	142	1019.80	948.80	13.5			108	160	1901.60	1769.30	(SET OF 25 PCS)			14954.00			
11.1			94	142	1138.40	1059.10	13.6			108	160	1901.60	1769.30	1 MM TO 13MM- 1MM RISING						
[11.11]	7/16		94	142	1138.40	1059.10	13.7			108	160	1901.60	1769.30	(SET OF 13 PCS)			7122.00			
11.2			94	142	1138.40	1059.10	13.8			108	160	1901.60	1769.30	1/16" TO 1/2" -1/64" RISING						
11.3			94	142	1138.40	1059.10	[13.89]	35/64				2063.60	1920.00	(SET OF 29 PCS)			17658.00			
11.4			94	142	1138.40	1059.10	13.9			108	160	2063.60	1920.00	1/16" TO 1/2" - 1/32" RISING						
11.5			94	142	1201.00	1117.40	14			108	160	2063.60	1920.00	(SET OF 15 PCS)						
														A TO Z DRILL (Set of 26pc)						
														NO.1 TO NO.60 (Set of 60pcs)						

**HSS PARALLEL SHANK TWIST DRILLS (STUB SERIES)**  
**HSN CODE - 82075000**

IS 5100-1969  
 BS 328 (Part 1) 1986

Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.
3		16	46	73.40	8.8		40	84	559.40	16		58	115	1985.70
[3.17]	1/8			85.90	9		40	84	559.40	16.5		60	119	2018.50
3.2		18	49	89.10	[9.13]	23/64			590.80	16.75		60	119	2058.70
3.5		20	52	89.10	9.2		40	84	590.80	17		60	119	2058.70
[3.57]	9/64			89.10	9.5		40	84	590.80	[17.46]	11/16			2096.00
3.8		22	55	123.40	[9.52]	3/8			617.60	17.5		62	123	2096.00
[3.97]	5/32			123.40	9.8		43	89	617.60	18		62	123	2124.40
4		22	55	123.40	[9.92]	25/64			756.30	18.5		64	127	2161.70
4.2		22	55	137.50	10		43	89	756.30	19		64	127	2200.50
[4.37]	11/64			137.50	10.2		43	89	813.00	[19.05]	3/4			2200.50
4.5		24	58	182.80	[10.32]	13/32			813.00	19.5		66	131	2237.80
[4.76]	3/16			182.80	10.5		43	89	813.00	19.75		66	131	2237.80
4.8		26	62	182.80	[10.72]	27/64			916.00	20		66	131	2297.30
5		26	62	193.60	10.8		47	95	916.00	20.5		68	136	2344.40
[5.16]	13/64			193.60	11		47	95	916.00	[20.64]	13/16			2344.40
5.2		26	62	193.60	[11.11]	7/16			954.80	21		68	136	2439.80
5.5		28	66	201.40	11.2		47	95	954.80	21.5		70	141	2552.90
[5.56]	7/32			201.40	11.5		47	95	1020.40	21.75		70	141	2561.40
5.8		28	66	226.80	[11.51]	29/64			1020.40	22		70	141	2585.30
[5.95]	15/94			226.80	11.8		47	95	1020.40	[22.22]	7/8			2561.40
6		28	66	226.80	[11.91]	15/32			1080.10	22.25		70	141	2724.10
6.2		31	70	253.60	12		51	102	1080.10	22.5		72	146	2750.00
[6.35]	1/4			253.60	12.2		51	102	1080.10	22.75		72	146	2761.40
6.5		31	70	311.90	[12.30]	31/64			1174.10	23		72	146	2786.90
[6.75]	17/64			311.90	12.5		51	102	1174.10	[23.02]	29/32			2761.40
6.8		34	74	311.90	[12.70]	1/2			1199.50	23.25		72	146	2921.11
7		34	74	341.60	12.8		51	102	1199.50	23.5		72	146	2921.11
[7.14]	9/32			341.60	13		51	102	1199.50	23.75		75	151	2921.11
7.2		34	74	341.60	13.2		51	102	1403.80	[23.81]	15/16			2921.00
7.5		34	74	355.00	[13.49]	17/32			1403.80	24		75	151	3261.11
[7.54]	19/64			390.80	13.5		54	107	1496.30	24.5		75	151	3261.11
7.8		37	79	390.80	13.8		54	107	1496.30	24.75		75	151	3544.70
[7.94]	5/16			429.60	14		54	107	1629.10	25		75	151	3577.70
8		37	79	429.60	[14.29]	9/16			1629.10	25.25		78	156	3577.70
8.2		37	79	429.60	14.5		56	111	1696.30	[25.40]	1			3562.60
[8.33]	21/64			537.00	15		56	111	1696.30	25.5		78	156	4058.20
8.5		37	79	537.00	15.5		58	115	1835.00	26		78	156	4058.20
[8.73]	11/32			559.40	[15.87]	5/8			1985.70	27		78	156	4425.70

**HSS PARALLEL SHANK TWIST DRILLS (LONG SERIES)**  
**HSN CODE - 82075000**

IS 5100-1969  
 BS 328 (Part 1) 1986

Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.
1.0		33	56	348.00	5.5		91	139	649.00	11.8		128	195	2164.00
1.1		37	60	348.00	[5.56]	7/32			649.00	[11.91]	15/32			1916.00
[1.19]	3/64			348.00	5.8		91	139	707.00	12.0		134	205	1974.00
1.2		41	65	348.00	[5.95]	15/64			707.00	12.2		134	205	2201.00
1.3		41	65	348.00	6.0		91	139	707.00	[12.30]	31/64			2201.00
1.4		45	70	348.00	6.2		97	148	804.00	12.5		134	205	1974.00
1.5		45	70	348.00	[6.35]	1/4			733.00	[12.70]	1/2	134	205	1974.00
[1.59]	1/16			348.00	6.5		97	148	1026.00	12.8		134	205	3022.00
1.6		50	76	348.00	[6.75]	17/64			1235.00	13.0		134	205	2741.00
1.7		50	76	348.00	6.8		102	156	1235.00	[13.10]	33/64	134	205	3045.00
1.8		53	80	348.00	7.0		102	156	1235.00	13.2		134	205	3045.00
1.9		53	80	348.00	[7.14]	9/32			1235.00	[13.49]	17/32			2793.00
[1.98]	5/64			348.00	7.2		102	156	1235.00	13.5		140	214	3045.00
2.0		56	85	348.00	7.5		102	156	1235.00	[13.89]	35/64			3315.00
2.1		56	85	348.00	[7.54]	19/64			1235.00	14.0		140	214	3315.00
2.2		59	90	348.00	7.8		109	165	1235.00	[14.29]	9/16			3045.00
2.3		59	90	441.00	[7.94]	5/16			1273.00	14.5		144	220	3192.00
[2.38]	3/32			441.00	8.0		109	165	1273.00	[14.68]	37/64			3514.00
2.4		62	95	441.00	8.2		109	165	1273.00	15.0		144	220	3192.00
2.5		62	95	441.00	[8.33]	21/64			1273.00	[15.08]	19/32			3192.00
2.6		62	95	441.00	8.5		109	165	1284.00	[15.48]	39/64			3621.00
2.7		66	100	441.00	[8.73]	11/32			1348.00	15.5		149	227	3315.00
[2.78]	7/64			441.00	8.8		115	175	1630.00	[15.87]	5/8			3315.00
2.8		66	100	441.00	9.0		115	175	1417.00	16.0		149	227	3369.00
2.9		66	100	441.00	[9.13]	23/64			1601.00	[16.27]	41/64			3369.00
3.0		66	100	446.00	9.2		115	175	1630.00	16.5		154	235	3430.00
[3.17]	1/8			446.00	9.5		115	175	1417.00	[16.67]	21/32			3430.00
3.2		69	106	446.00	[9.52]	3/8			1417.00	17.0		154	237	3514.00
3.5		73	112	446.00	9.8		121	184	1638.00	[17.46]	11/16			3514.00
[3.57]	9/64			446.00	[9.92]	25/64			1638.00	17.5		158	241	3746.00
3.8		78	119	479.00	10.0		121	184	1484.00	17.75		158	241	3746.00
[3.97]	5/32			479.00	10.2		121	184	1638.00	18.0		158	241	3818.00
4.0		78	119	479.00	[10.32]	13/32			1484.00	18.5		162	247	3976.00
4.2		79	119	479.00	10.5		121	184	1780.00	19.0		162	247	4050.00
[4.37]	11/64			479.00	[10.72]	27/64			2022.00	[19.05]	3/4			4050.00
4.5		82	126	479.00	10.8		128	195	2022.00	19.25		166	254	4280.00
[4.76]	3/16			479.00	11.0		128	195	1862.00	[19.45]	49/64			4675.00
4.8		87	132	479.00	[11.11]	7/16			1862.00	19.5		166	254	4280.00
5.0		87	135	565.00	11.2		128	195	2164.00	20.0		166	254	4541.00
[5.16]	13/64			565.00	11.5		128	195	1916.00	21.0		166	254	4675.00
5.2		87	132	565.00	[11.51]	29/64			2164.00	22.0		166	254	5117.00

**HSS PARELLEL SHANK TWIST DRILLS [EXTRA LONG] (ADDISON STANDARD) - HSN CODE - 82075000**

Size		PRICE EACH RS.						
mm	Inch	FL 100	FL 125	FL 150	FL 175	FL 200	FL 225	FL 250
		OAL 150	OAL 175	OAL 200	OAL 225	OAL 250	OAL 300	OAL 350
3.0	1/8	1282	1571	1777	2114	2491	3109	
3.5		1249	1455	1873	2328	2801	3573	
4.0	5/32	1249	1455	1873	2328	2801	3573	4927
4.5		1281	1571	1873	2328	2801	3679	4927
5.0	3/16	1281	1635	2029	2490	2941	3898	5170
5.5	7/32	1400	1748	2348	2654	3132	4143	5388
6.0		1400	1824	2230	2702	3241	4243	5593
6.5	1/4			2284		3302	4445	5593
7.0				2534		3633	5023	6278
7.5	9/32			2581		3856	5116	6278
8.0	5/16			2706		4020	5242	6425
8.5	11/32			2794		4105	5338	6863
9.0				2794		4105	5338	6863
9.5	3/8			2942		4129	5454	7083
10.0				3063		4243	5698	7402
10.5	13/32			3167		4532	5912	7783
11.0	7/16					4689	6092	8030
11.5						4689	6092	8030
12.0	15/32					4921	6461	8240
12.5	1/2					5076	6669	8788

**HSS TAPER SHANK TWIST DRILLS (STANDARD)**  
**HSN CODE - 82075000**

ISS 5103-1969  
 BF 328 (Part 1) 1986

Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.
3.0	1/8	33	114	569.00	9.5		81	162	1160.00	[14.25]		114	212	2793.00
3.2		36	117	592.00	[9.52]	3/8			1160.00	[14.29]	9/16			2793.00
3.5		39	120	569.00	9.8		87	168	1368.00	14.5		114	212	2903.00
3.8	9/64	43	124	592.00	[9.92]	25/64			1368.00	[14.68]	37/64			2903.00
4.0	5/32	43	124	569.00	10.0		87	168	1206.00	14.75		114	212	2903.00
4.2	11/64	43	124	765.00	10.2		87	168	1342.00	15.0		114	212	2903.00
4.5	3/16	47	128	765.00	[10.32]	13/32			1298.00	[15.08]	19/32			2903.00
4.8		52	133	787.00	10.5		87	168	1546.00	15.25		120	218	2942.00
5.0		52	133	765.00	[10.72]	27/64			1603.00	[15.48]	39/64			2942.00
5.2	13/64	52	133	787.00	10.8		94	175	1603.00	15.5		120	218	2942.00
5.5		57	138	765.00	11.0		94	175	1603.00	15.75		120	218	2942.00
5.8	7/32	57	138	787.00	[11.11]	7/16			1603.00	[15.87]	5/8			2942.00
[5.95]	15/64			787.00	11.2		94	175	1656.00	16.0		120	218	3031.00
6.0		57	138	765.00	11.5		94	175	1656.00	16.25		125	223	3031.00
6.2		63	144	881.00	[11.51]	29/64			1656.00	[16.27]	41/64			3031.00
[6.35]	1/4			871.00	11.8		94	175	1656.00	16.5		125	223	3220.00
6.5		63	144	950.00	[11.91]	15/32			1656.00	[16.67]	21/32			3220.00
6.8	17/64	69	150	961.00	12.0		101	182	1673.00	16.75		125	223	3220.00
7.0	9/32	69	150	950.00	12.2		101	182	1673.00	17.0		125	223	3220.00
7.2		69	150	961.00	[12.30]	31/64			1673.00	[17.07]	43/64			3273.00
7.5		69	150	950.00	12.5		101	182	1673.00	17.25		130	228	3273.00
7.8	19/64	75	156	961.00	[12.70]	1/2	101	182	1673.00	[17.46]	11/16			3273.00
8.0	5/16	75	156	950.00	12.8		101	182	2325.00	17.5		130	228	3397.00
8.2		75	156	1160.00	13.0		101	182	2325.00	17.75		130	228	3445.00
[8.33]	21/64			1221.00	[13.10]	33/64			2427.00	[17.86]	45/64			3579.00
8.5		75	156	1060.00	13.2		101	182	2427.00	18.0		130	228	3579.00
[8.73]	11/32			1160.00	[13.49]	17/32			2427.00	18.25		135	233	3579.00
8.8		81	162	1276.00	13.5		108	189	2599.00	[18.26]	23/32			3579.00
9.0		81	162	1160.00	13.8		108	189	2599.00	18.5		135	233	3579.00
[9.13]	23/64			1276.00	[13.89]	35/64			2599.00	[18.65]	47/64			3623.00
9.2		81	162	1276.00	14.0		108	189	2599.00	18.75		135	233	3623.00

Taper Socket MT Drill Size

MT1 - 3mm To 14mm, MT2 -14.25mm TO 23mm, MT3 -23.25mm TO 31.75mm

MT4 -32mm TO 50.5mm, MT5 -51mm TO 76mm, MT6 -77mm TO 102mm

**HSS TAPER SHANK TWIST DRILLS (STANDARD)**  
**HSN CODE - 82075000**

ISS 5103-1969  
 BF 328 (Part 1) 1986

Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.
19.0		135	233	3623.00	24.25		160	281	6620.00	29.75		175	296	9691.00
[19.05]	3/4			3623.00	24.5		160	281	6620.00	[29.77]	1.11/64			9894.00
19.25		140	238	3805.00	[24.61]	31/32			6620.00	30.0		175	296	9894.00
[19.45]	49/64			3805.00	24.75		160	281	6917.00	[30.16]	1.3/16			10447.00
19.5		140	238	3805.00	25.0		160	281	6917.00	30.25		180	301	11250.00
19.75		140	238	3805.00	[25.00]	63/64			6917.00	30.5		180	301	11250.00
[19.84]	25/32			3805.00	25.25		165	286	7009.00	[30.56]	1.13/64			11432.00
20.0		140	238	4092.00	[25.40]	1	165	286	7009.00	30.75		180	301	11432.00
[20.24]	51/64			4140.00	25.5		165	286	7618.00	[30.96]	1.7/32			11432.00
20.25		145	243	4140.00	25.75		165	286	7618.00	31.0		180	301	12723.00
20.5		145	243	4140.00	[25.80]	1.1/64			7701.00	31.25		180	301	12723.00
[20.64]	13/16			4140.00	26.0		165	286	7701.00	[31.35]	1.15/64			13278.00
20.75		145	243	4318.00	[26.19]	1.1/32			7701.00	31.5		180	301	13278.00
21.0		145	243	4427.00	26.25		165	286	7932.00	[31.75]	1.1/4			13278.00
[21.03]	53/64			4427.00	26.5		165	286	7932.00	31.75		185	306	13278.00
21.25		150	248	4427.00	[26.59]	1.3/64			8115.00	32.0				14537.00
[21.43]	27/32			4427.00	26.75		170	291	8115.00	[32.15]	1.17/64			14537.00
21.5		150	248	4564.00	[26.99]	1.1/16			8115.00	32.5		185	306	14537.00
21.75		150	248	4564.00	27.0		170	291	8380.00	[32.54]	1.9/32			14537.00
[21.83]	55/64			4647.00	27.25		170	291	8380.00	[32.94]	1.19/64			14885.00
22.0		150	248	4647.00	[27.38]	1.5/64			8408.00	33.0		185	306	14885.00
[22.22]	7/8			4647.00	27.5		170	291	8408.00	[33.34]	1.5/16			14885.00
22.25		150	248	5063.00	27.75		170	291	8408.00	33.5		185	306	15396.00
22.5		155	253	5063.00	[27.78]	1.3/32			8408.00	[33.73]	1.21/64			15684.00
[22.62]	57/64			5162.00	28.0		170	291	9193.00	34.0		190	339	15684.00
22.75		155	253	5162.00	[28.18]	1.7/64			9220.00	[34.13]	1.11/32			16352.00
23.0		155	253	5162.00	28.25		175	296	9220.00	34.5		190	339	17180.00
[23.02]	29/32			5571.00	28.5		175	296	9220.00	[34.53]	1.23/64			17337.00
23.25		155	276	6167.00	[28.57]	1.1/8			9220.00	[34.92]	1.3/8			17337.00
[23.42]	59/64			6324.00	28.75		175	296	9500.00	35.0		190	339	17337.00
23.5		155	276	6324.00	[28.97]	1.9/64			9654.00	[35.32]	1.25/64			18375.00
23.75		160	281	6324.00	29.0		175	296	9654.00	35.5		190	339	18375.00
[23.81]	15/16			6324.00	29.25		175	296	9654.00	[35.72]	1.13/32			18375.00
24.0		160	281	6510.00	[29.37]	1.5/32			9654.00	36.0		195	344	18644.00
[24.21]	61/64			6620.00	29.5		175	296	9691.00	[36.12]	1.27/64			19028.00

Taper Socket MT Drill Size

MT1 - 3mm To 14mm, MT2 -14.25mm TO 23mm, MT3 -23.25mm TO 31.75mm

MT4 -32mm TO 50.5mm, MT5 -51mm TO 76mm, MT6 -77mm TO 102mm

**HSS TAPER SHANK TWIST DRILLS (STANDARD)**  
**HSN CODE - 82075000**

ISS 5103-1969  
 BF 328 (Part 1) 1986

Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.
36.50		195	344	19028.00	44.00		210	359	28551.00	(51.59)	2.1/32			51999.00
36.51	1.7/16			19028.00	(44.05)	1.47/64			28551.00	52.00		225	412	51999.00
36.91	1.29/64			19028.00	(44.45)	1.3/4			28551.00	(52.39)	2.1/16			51999.00
37.00		195	344	19498.00	44.50		210	359	28551.00	52.50				67676.00
37.31	1.15/32			19498.00	(44.85)	1.49/64			29220.00	53.00		225	412	67676.00
37.50		195	349	20764.00	45.00		210	359	29220.00	(53.18)	2.3/32			67676.00
37.70	1.31/64			21090.00	(45.24)	1.25/32			29220.00	53.50				67676.00
38.00		200	349	21090.00	45.50		215	364	30543.00	(53.97)	2.1/8			67676.00
38.10	1.1/2			21090.00	(45.64)	1.51/64			30543.00	54.00		230	417	67676.00
38.50	1.33/64			21747.00	46.00		215	364	30543.00	54.50				71092.00
38.50		200	349	21747.00	(46.04)	1.13/16			30543.00	(54.77)	2.5/32			71092.00
38.89	1.17/32			21747.00	(46.43)	1.53/64			32084.00	55.00		230	417	71092.00
39.00		200	349	23031.00	46.50		215	364	32084.00	55.50				71092.00
39.29	1.35/64			23031.00	(46.83)	1.27/32			32084.00	(55.56)	2.3/16			71092.00
39.50		200	349	23031.00	47.00		215	364	32084.00	56.00		230	417	74080.00
39.69	1.9/16			23031.00	(47.23)	1.55/64			32754.00	(56.36)	2.7/32			74080.00
40.00		200	349	23624.00	47.50		215	364	32754.00	56.50				74080.00
40.08	1.37/64			24013.00	(47.62)	1.7/8			32754.00	57.00		235	422	74080.00
40.48	1.19/32			24013.00	48.00		220	369	35716.00	(57.15)	2.1/4			74080.00
40.50		205	354	24973.00	(48.02)	1.57/64			35716.00	57.50				80846.00
40.88	1.39/64			24973.00	(48.42)	1.29/32			35716.00	(57.94)	2.9/32			80846.00
41.00		205	354	24973.00	48.50		220	369	35979.00	58.00		235	422	80846.00
41.27	1.5/8			24973.00	(48.82)	1.59/64			35979.00	58.50				80846.00
41.50		205	354	25954.00	49.00		220	369	35979.00	(58.74)	2.5/16			80846.00
41.67	1.41/64			25954.00	(49.21)	1.15/16			35979.00	59.00		235	422	82390.00
42.00		205	354	25954.00	49.50		220	369	36365.00	59.50		235	422	82390.00
42.07	1.21/32			25954.00	(49.61)	1.61/64			36365.00	[59.53]	2.11/32			82390.00
42.47	1.43/64			26617.00	50.00		220	369	36365.00	60.00		235	422	82390.00
42.50		205	354	26617.00	(50.01)	1.31/32			36653.00	(60.32)	2.3/8			82390.00
42.86	1.11/16			26943.00	(50.40)	1.63/64			38299.00	60.50				87575.00
43.00		210	359	27577.00	50.50		225	374	38299.00	61.00		240	427	87575.00
43.26	1.45/64			27577.00	(50.80)	2			38299.00	[61.12]	2.13/32			87575.00
43.50		210	359	27577.00	51.00		225	412	51999.00	61.50				87575.00
43.66	1.23/32			27577.00	51.50				51999.00	[61.91]	2.7/16			87575.00

**HSS TAPER SHANK TWIST DRILLS (STANDARD)**  
**HSN CODE - 82075000**

ISS 5103-1969  
 BF 328 (Part 1) 1986

Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.
62.00		240	427	87575	73.00		255	442	129923	(86.52)	3.13/32			260444
62.50				87575	(73.02)	2.7/8			129923	87.00		270	524	260444
(62.71)	2.15/32			89049	73.5				136824	(87.31)	3.7/16			265888
63.00		240	427	89049	(73.82)	2.29/32			138271	88.00		270	524	265888
63.50	2.1/2			89049	74.00		255	442	138271	(88.11)	3.15/32			265888
64.00		245	432	98421	74.5				138271	(88.90)	3.1/2			265888
(64.29)	2.17/32			98421	(74.61)	2.15/16			138271	89.00		270	524	265888
64.50				98421	75.00		255	442	139992	90.00		270	524	271311
65.00		245	432	98421	(75.41)	2.31/32			139992	(90.49)	3.9/16			281430
(65.09)	2.9/16			98421	75.5				139992	91.00		275	529	281430
65.50				99153	76.00		260	447	139992	92.00		275	529	281430
(65.88)	2.19/32			99153	(76.20)	3			139992	(92.07)	3.5/8			290618
66.00		245	432	99153	(76.99)	3.1/32			191516	93.00		275	529	290618
66.50				99153	77.00		260	514	191516	(93.66)	3.11/16			301610
(66.67)	2.5/8			99153	(77.79)	3.1/16			191516	94.00		275	529	301610
67.00		245	432	101571	78.00		260	514	191516	95.00		275	529	301610
(67.47)	2.21/32			109031	(78.58)	3.3/32			195335	(95.25)	3.3/4			301610
67.50				109031	79.0		260	514	195335	96.00		280	534	311708
68.00		250	437	109031	(79.37)	3.1/8			200520	(96.84)	3.13/16			311708
(68.26)	2.11/16			109031	80.00		260	514	200520	97.00		280	534	311708
68.50				116968	(80.17)	3.5/32			214474	98.00		280	534	317221
69.00		250	437	118180	(80.96)	3.3/16			214474	(98.42)	3.7/8			321750
(69.05)	2.23/32			118180	81.00		265	519	214474	99.00		280	534	321750
69.50				118180	(81.76)	3.7/32			220049	100.00				321750
(69.85)	2.3/4			118180	82.00		265	519	220049	(100.01)	3.15/16			327262
70.00		250	437	118180	(82.55)	3.1/4			220049	101.00		285	539	325981
70.50				126088	83.00		265	519	224594	(101.60)	4			327262
(70.64)	2.25/32			127459	(83.34)	3.9/32			224594	102.00		285	539	327262
71.00		250	437	127459	84.00		265	519	224594					
(71.44)	2.13/16			127459	(84.14)	3.5/16			228328					
71.50				127459	(84.93)	3.11/32			228328					
72.00		255	442	129923	85.00		265	519	228328					
(72.23)	2.27/32			129923	(85.72)	3.3/8			260444					
72.50				129923	86.00		270	524	260444					

**HSS TAPER SHANK TWIST DRILLS (LONG SERIES) - HSN CODE - 82075000**

IS 8305-1976 (Type N)

Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.	Size mm	Inch	F/L	O/L	Price Each Rs.
5	(3/16)	74	155	1682	17.25		165	263	6811	29.5		230	351	21330
5.2		74	155	1682	17.5	(11/16)	165	263	7395	29.75		230	351	21935
5.5	(7/32)	80	161	1873	17.75		165	263	7412	30	(1.3/16)	230	351	21935
5.8		80	161	1873	18		165	263	7412	30.25		239	360	22519
6		80	161	1873	18.25		171	269	7530	30.5		239	360	22519
6.2		86	167	2085	18.5		171	269	7530	30.75		239	360	22519
6.5	(1/4)	86	167	2085	18.75		171	269	7650	31		239	360	22519
6.8		93	174	2248	19	(3/4)	171	269	7650	31.25		239	360	22681
7		93	174	2248	19.25		177	275	7859	31.5		239	360	22681
7.2		93	174	2322	19.5		177	275	7859	31.75	(1.1/14)	248	369	23557
7.5		93	174	2322	19.75		177	275	7991	32		248	397	27134
7.8		100	181	2453	20		177	275	7991	32.5		248	397	28306
8	(5/16)	100	181	2453	20.25		184	282	8124	33	(1.5/16)	248	397	28306
8.2		100	181	2505	20.5		184	282	8124	33.5		248	397	29539
8.5		100	181	2505	20.75		184	282	8273	34		257	406	29539
8.8		107	188	2714	21	(13/16)	184	282	8273	34.5		257	406	30829
9		107	188	2780	21.25		191	289	9610	35	(1.3/8)	257	406	30829
9.2		107	188	2780	21.5		191	289	9610	35.5		257	406	30829
9.5	(3/8)	107	188	2780	21.75		191	289	9803	36		267	416	33784
9.8		116	197	3155	22		191	289	9803	36.5		267	416	35048
10		116	197	3155	22.25		191	289	10470	37	(1.7/16)	267	416	35048
10.2		116	197	3245	22.5	(7/8)	198	296	10470	37.5		267	416	37954
10.5		116	197	3245	22.75		198	296	10972	38	(1.1/2)	277	426	37954
10.8		125	206	3315	23		198	296	10972	38.5		277	426	39201
11		125	206	3315	23.25		198	319	13405	39		277	426	39201
11.2		125	206	3437	23.5		198	319	13405	39.5		277	426	40754
11.5	(7/16)	125	206	3437	23.75		206	327	13405	40		277	426	40754
11.8		125	206	3437	24	(15/16)	206	327	13405	40.5		287	436	40754
12		134	215	4077	24.25		206	327	13991	41	(1.5/8)	287	436	40754
12.2		134	215	4297	24.5		206	327	13991	41.5		287	436	42837
12.5	(1/2)	134	215	4297	24.75		206	327	14501	42		287	436	42837
12.8		134	215	4297	25		206	327	14501	42.5		287	436	45321
13		134	215	4297	25.25		214	335	14501	43		298	447	48686
13.2		134	215	4297	25.5	(1)	214	335	14501	43.5		298	447	51324
13.5		142	223	4707	25.75		214	335	15081	44		298	447	51324
13.8		142	223	4897	26		214	335	15081	44.5		298	447	53435
14		142	223	4897	26.25		214	335	15518	45	(1.3/4)	298	447	53435
14.25		147	245	6112	26.5		214	335	15518	45.5		310	459	56338
14.5	(9/16)	147	245	6112	26.75		222	343	18389	46	(1.13/16)	310	459	56338
14.75		147	245	6246	27	(1.1/16)	222	343	18389	46.5		310	459	58630
15		147	245	6246	27.25		222	343	18976	47		310	459	58630
15.25		153	251	6391	27.5		222	343	18976	47.5		310	459	61592
15.5		153	251	6391	27.75		222	343	19559	48	(1.7/8)	321	470	61592
15.75		153	251	6553	28		222	343	19559	48.5		321	470	67455
16	(5/8)	153	251	6553	28.25		230	351	20190	49	(1.15/16)	321	470	67455
16.25		159	257	6669	28.5	(1.1/8)	230	351	20190	49.5		321	470	67455
16.5		159	257	6669	28.75		230	351	20756	50		321	470	70932
16.75		159	257	6811	29		230	351	20756					
17		159	257	6811	29.25		230	351	21330					

**HSS TAPER SHANK TWIST DRILLS (EXTRA LONG ) (ADDISON STANDARD) - HSN CODE 82075000**

Size		Price Each Rs.											
mm	Inch	FL 119	FL 144	FL 169	FL 194	FL 219	FL 234	FL 244	FL 250	FL 275	FL 302	FL 350	FL 398
		OAL200	OAL225	OAL250	OAL275	OAL300	OAL315	OAL325	OAL350	OAL375	OAL400	OAL450	OAL500
3	1/8	2365	2780	3079	3503	3970		4585					
3.5	-	2431	2780	3165	3588	4075		4710					
4	5/32	2431	2780	3165	3588	4075		4710					
4.5	-	2491	2858	3165	3674	4320		4955					
5	3/16	2491	2858	3165	3674	4320		4955					
5.5	7/32	2491	2876	3319	3891	4412		5088					
6	-	2506	2876	3354	3891	4412	4822	5088					
6.5	1/4	2542	2968	3370	4087	4585	4973	5239					
7	-	2769	3118	3501	4165	4799	5278	5499					
7.5	-	2801	3196	3602	4241	4924	5394	5605					
8	5/16	2926	3267	3745	4394	5049	5481	5761					
8.5	-	3023	3392	3819	4472	5142	5547	5920					
9	-	3071	3440	3910	4495	5182	5694	5969					
9.5	3/8	3147	3482	3910	4619	5312	5770	5997					
10	-	3155	3571	4027	4701	5415	5912	6164	6897	7777	8650		
10.5	-	3245	3704	4297	4968	5694	6166	6475	7403	8318	9374		
11	-	3317	3819	4338	5049	5798	6367	6640	7538	8451	9450		
11.5	7/16	3437	3898	4448	5172	5941	6475	6764	7741	8675	9697		
12	-		4078	4643	5378	6164	6726	7065	7990	8871	9950		
12.5	1/2		4297	4799	5573	6352	6942	7261	8367	9443	10670		
13	-			5694	6521	7403	8037	8451	9618	10795	12127		
13.5	-			5875	6652	7605	8233	8607	9802	11065	12432		
14	-			6072	6850	7741	8399	8743	9994	11291	12671		
14.5	9/16			6111	6944	7856	8444	8871	10186	11488	12893	16919	21352
15				6246	7096	8046	8624	9086	10389	11648	13104	17123	21569
15.5				6390	7260	8124	8792	9212	10546	11871	13283	17288	21754
16	5/8			6553	7381	8286	8917	9378	10699	12055	13551	17588	21995
16.5				6669	7479	8444	9086	9525	10899	12278	13837	17772	22130
17				6810	7661	8533	9197	9652	11065	12442	13991	17995	22337
17.5	11/16					8743	9374	9840	11278	12653	14157	18201	22545
18						8871	9582	9994	11459	12874	14416	18389	22765
18.5						9011	9697	10175	11560	13025	14643	18600	22983
19	3/4					9173	9986	10326	11749	13228	14835	18812	23116
19.5						9287	9950	10426	11962	13487	15137	19034	23340
20						9443	10114	10626	12100	13670	15355	19229	23625
20.5						9618	10298	10775	12301	13837	15586	19560	23981
21	13/16					9791	10497	10956	12566	14125	15839	19892	24357
21.5						9994	10670	11140	12786	14396	16142	20312	24853
22						10213	10955	11459	13025	14643	16412	20628	25247
22.5	7/8					10483	11186	11704	13246	14835	16589	20913	25667
23						10972	11711	12138	13685	15159	16885	21295	26039
23.5						12055		13405	14689	16147	17462	21900	26839

Taper Socket MT Drill Size

MT1-3mm TO 14mm, MT2-14.25mm TO 23 mm, MT3-23.25mm TO 31.75mm,  
MT4-32mm TO 50.5mm, MT5-51mm TO 76mm, MT6-77mm TO 102mm

**HSS TAPER SHANK TWIST DRILLS (EXTRA LONG) (ADDISON STANDARD) - HSN CODE 82075000**

Size		Price Each Rs.									
mm	Inch	FL 175	FL 200	FL 225		FL 275	FL 300	FL 325	FL 350	FL 375	FL 400
		OAL300	OAL325	OAL350	OAL 375	OAL400	OAL425	OAL450	OAL475	OAL500	OAL525
24	15/16	12055		13405	16357	18072	20236	22594	24901	27556	30587
24.5		12432		13991	16919	18688	20902	23237	25630	28305	31137
25				14501	17588	19266	21494	23909	26343	29096	32006
25.5	1				18104	19838	22106	24536	27052	29776	32752
26					18759	20481	22765	25262	27751	30568	33627
26.5					19306	21052	23396	25907	28405	31319	34449
27	1.1/16				19982	21676	24015	26554	29144	32046	35252
27.5					20492	22212	24654	27222	29821	32769	36045
28					21085	22862	25262	27882	31159	33561	36917
28.5	1.1/8				21705	23430	25851	28559	31267	34253	37679
29					22302	24068	26501	29240	31928	35028	38531
29.5					22862	24638	27133	29863	32649	35796	39376
30	1.3/16				23477	25247	27751	30534	33336	36502	40893
31	1.1/4				24064	25858	28435	31327	34204	37532	40909
Size		Price Each Rs.									
mm	Inch	FL 175	FL 200	FL 225		FL 275	FL 300	FL 325	FL 350	FL 375	FL 400
		OAL300	OAL325	OAL350	OAL375	OAL400	OAL425	OAL450	OAL475	OAL500	OAL525
32				22681	24536	27133	29821	32844	35796	39271	41841
33	1.5/16					28305	31148	34307	37397	40987	43726
34						29539	32472	35774	39016	42750	45573
35	1.3/8					30829	33896	37247	40649	44494	47413
36						32046	35182	38690	42215	46238	49180
37	1.7/16					33266	36502	40162	43799	47920	51026
38	1.1/2					34535	37955	41719	45441	49738	52950
39						35796	39619	43046	46884	51222	54523
40						37295	40754	44560	48466	52902	56243
41	1.5/8									54656	59030
42										57086	61653
43										59617	63790
44										62105	66451
45	1.3/4									64635	68569
46	1.13/16									67371	71413
47										70092	74299
48	1.7/8									72828	77198
49	1.15/16									75506	80036
50										78549	83262

**HSS TAPER SHANK CORE DRILLS**  
**HSN CODE 82076090**

IS 5366-1978  
 BS:328 (Part 1) 1959

Size mm	Inch	Price Each Rs.	Size mm	Inch	Price Each Rs.	Size mm	Inch	Price Each Rs.
7.00		1802	28.00		12058	[50.80]	2	53484
[7.14]	9/32	1802	[28.57]	1.1/8	12060	51.00		53948
7.50		1924	29.00		12622	52.00		59413
[7.94]	5/16	1917	[29.37]	1.5/32	12622	[52.39]	2.1/16	59413
8.00		1924	30.00		13407	53.00		69405
8.50		1961	[30.16]	1.3/16	13407	[53.97]	2.1/8	69405
[8.73]	11/32	1924	[30.96]	1.7/32	13915	54.00		69405
9.00		1969	31.00		15645	55.00		72747
[9.52]	3/8	2115	[31.75]	1.1/4	16333	[55.56]	2.3/16	72747
10.00	13/32	2115	32.00		17899	56.00		75829
11.00	7/16	2118	[32.54]	1.9/32	17899	57.00		75829
12.00	15/32	2265	33.00		18275	[57.15]	2.1/4	75829
[12.70]	1/2	2393	[33.34]	1.5/16	18275	58.00		82866
13.00		3237	34.00		20045	[58.74]	2.5/16	82866
[13.49]	17/32	3544	[34.13]	1.11/32	20045	59.00		84399
14.00		3544	[34.92]	1.3/8	21167	60.00		84399
[14.29]	9/16	3646	35.00		21167	[60.32]	2.3/8	84399
15.00		3803	[35.72]	1.13/32	22767	61.00		89942
[15.08]	19/32	3803	36.00		22767	[61.91]	2.7/16	89942
16.00	5/8	3892	[36.51]	1.7/16	24017	62.00		89942
17.00	21/32	4101	37.00		24017	63.00		92532
[17.46]	11/16	4429	[37.31]	1.15/32	24699	[63.50]	2.1/2	92532
18.00		4762	38.00		26428	64.00		101030
[18.26]	23/32	4762	[38.10]	1.1/2	26428	65.00		101030
19.00		5443	39.00		28979	[65.09]	2.9/16	101030
[19.05]	3/4	5443	[39.69]	1.9/16	28979	66.00		105929
20.00	25/32	5464	40.00		28979	[66.67]	2.5/8	105929
21.00	13/16	5847	41.00		31939	67.00		110349
[21.43]	27/32	6179	[41.27]	1.5/8	31939	68.00		115710
22.00		6179	42.00		32885	[68.26]	2.11/16	115710
[22.22]	7/8	6556	[42.86]	1.11/16	33944	69.00		121362
23.00		6943	43.00		33944	[69.85]	2.3/4	123637
[23.02]	29/32	6943	44.00		35878	70.00		123637
[23.81]	15/16	7577	[44.45]	1.3/4	35878	71.00		126082
24.00		7953	45.00		37147	[71.44]	2.13/16	126082
[24.61]	31/32	7953	46.00		38523	72.00		131847
25.00		9204	[46.04]	1.13/16	38523	73.00		136734
[25.40]	1"	9204	47.00		40029	[73.02]	2.7/8	136734
26.00		9931	[47.62]	1.7/8	42095	74.00		141906
[26.19]	1.1/32	9931	48.00		42095	[74.61]	2.15/16	141906
[26.99]	1.1/16	10964	49.00		44949	75.00		147134
27.00		10964	[49.21]	1.15/16	44949	76.00		154200
[27.78]	1.3/32	11381	50.00		48370	76.20	3"	154200

**HSS HAND REAMERS WITH PARALLEL SHANK  
& HSS MACHINE REAMERS WITH TAPER SHANK  
HSN CODE 82076010**

IS : 5444-1970  
IS : 5445-1978  
BS 328(PART 4)/ 1983

Size mm	Inch	Price Each Rs.		Size mm	Inch	Price Each Rs.	
		Hand Reamer	Machine Reamer			Hand Reamer	Machine Reamer
3.00	1/8	1644	1644 **	38.00	1.1/2	23821	23821 **
4.00	5/32	1644 **	1644 **	39.00	-	26327	26327
5.00	3/16	1644 *	1644 **	40.00	1.9/16	28774	28774 **
(5.56)	7/32	1644	1644	41.00	1.5/8	29019	29019
6.00	1/4	1913 *	1913 *	42.00	1.11/16	34200	34200
7.00	9/32	1918 **	1918 **	43.00	-	34200	34200
8	5/16	2173 **	2173 **	44.00	1.3/4	34200	34200
9	11/32	2265 **	2265 **	45.00	-	40076	40076 **
(9.52)	3/8	2471 **	2471 **	46.00	-	40076	40076
10	13/32	2736 *	2736 *	47.00	-	43271	43271
11	7/16	3074 **	3074 **	48.00	1.7/8	46476	46476
12	15/32	3195 *	3195 *	49.00	1.15/16	46476	46476
(12.70)	1/2	3318 **	3318 **	50.00	2"	46476	46476
13	17/32	4036 **	4036 **	51.00	-	46476	46476
14	9/16	4036 **	4036 **	52.00	-	55399	55399
15	19/32	4061 **	4061 **	(52.39)	2.1/16	55399	55399
16	5/8	4061 **	4061 *	53.00	-	55399	55399
17	21/32	4676 **	4676 **	(53.97)	2.1/8	55399	55399
(17.46)	11/16	4676	4676	54.00	-	55399	55399
18	-	5005	5005 *	55.00	-	64328	64328
19	23/32	5321	5321 **	(55.56)	2.3/16	64328	64328
19.05	3/4	5321	5321 **	56.00	-	64328	64328
20	-	5933 **	5933 *	57.00	-	64328	64328
(20.64)	13/16	6044	6044	(57.15)	2.1/4	64328	64328
21	-	6715	6715 *	58.00	-	68828	68828
22	7/8	6715 **	6715 *	(58.74)	2.5/16	68828	68828
23	-	7837	7837 *	59.00	-	68828	68828
(23.81)	15/16	8683	8683	60.00	-	81661	81661
24.00	-	8683 **	8683 *	(60.32)	2.3/8	81661	81661
25.00	-	8701 **	8701 **	61.00	-	81661	81661
(25.40)	1"	8858	8858 **	(61.91)	2-7/16	81661	81661
26.00	-	10754	10754 **	62.00	-	81661	81661
27.00	1.1/16	12298	12298 **	63.00	-	81661	81661
28.00	1.1/8	12298	12298 **	(63.50)	2.1/2	81661	81661
29.00	-	13045	13045	64.00	-	81661	81661
30.00	-	14075	14075	65.00	-	98593	98593
(30.16)	1-3/16	14075	14075	(65.09)	2.9/16	98593	98593
31.00	1.1/4	15547	15547	66.00	-	101921	101921
32.00	-	15547	15547 **	(66.67)	2.5/8	101921	101921
33.00	1.5/16	17654	17654 **	67.00	-	101921	101921
34.00	-	19834	19834 **	68.00	-	109261	109261
35.00	1.3/8	21702	21702 **	(68.26)	2.11/16	109261	109261
36.00	-	21702	21702	69.00	-	109261	109261
(36.51)	1.7/16	21860	21860	(69.85)	2.3/4	109261	109261
37.00	-	23821	23821	70.00	-	109261	109261

**HSS PARALLEL SHANK END MILL (METRIC)**  
**HSS TAPER SHANK END MILL (METRIC)**  
**HSS PARALLEL SHANK LONG END MILL (METRIC)**

IS:6353-1991  
 IS:6354-1971

**HSN CODE 82077090**

<b>HSS END MILL (STANDARD)</b>				
<b>Dia mm</b>	<b>M2 HSS Parallel Shank</b>			<b>Taper End Mill</b>
	<b>Cutting</b>	<b>Overall</b>	<b>Rate</b>	<b>Rate</b>
3	8	40	931	1551
4	13	47	931	1551
5	13	47	931	1551
6	13	57	1040	1551
7	16	60	1170	1551
8	19	63	1170	1551
9	19	69	1170	1678
10	22	72	1170	1678
11	22	79	1170	1845
12	26	83	1209	1845
13			1369	2550
14	26	83	1499	2550
15			1754	2717
16	32	92	1754	2717
17			1915	3316
18	32	92	2129	3316
19			2129	3830
20	38	104	2356	3830
21	38	104	2643	4019
22			2673	4019
23			2899	4383
24			2899	4735
25	45	121	3116	4735
26			3232	5897
27			3803	6592
28	45	121	4436	6592
29			4436	7251
30			4881	7251
31	-	-	5322	7700
32	53	133	5328	7699
33			5899	9309
34			6432	10211
35			6432	10211
36	53	133	7011	11191
37			7556	12204
38			8053	12204
39			8544	14188
40	63	155	9072	14188
41			9072	14188
42			10326	15600
43			10326	15600
44	-	-		16300
45	63	155	11570	17530
46			11570	17941
47			12729	18585
48			12729	18585
49			12729	20900
50	75	177	14001	20900

<b>PARALLEL SHANK LONG END MILL (METRIC)</b>			
<b>Dia mm</b>	<b>M2 HSS Parallel Shank</b>		<b>End Mill</b>
	<b>Cutting</b>	<b>Overall</b>	<b>Rate</b>
3	12	44	1210
4	24	58	1210
5	24	58	1210
6	24	68	1352
7	30	74	1521
8	38	82	1521
9	38	88	1521
10	45	95	1521
11	45	102	1521
12	53	110	1572
13			1780
14	53	110	1949
15			2280
16	63	123	2280
17			2490
18	63	123	2768
19			2768
20	75	141	3063
21	75	141	3436
22			3475
23			3769
24			3769
25	90	166	4051
26			4202
27			4944
28	90	166	5767
29			5767
30			6345
31			6919
32	106	186	6926
33			7669
34			8362
35			8362
36		106	9114
37			9823
38			10469
39			11107
40	125	217	11794
41			11794
42			13424
43			13424
44			
45	125	217	15041
46			15041
47			16548
48			16548
49			16548
50	150	262	18201

**HSS PARALLEL SHANK END MILL / TAPER SHANK END MILL (INCHES) - HSN CODE 82077090**

BS - 122 (PART 1) 1953

Dia Inch	Cutting Length	Overall Length	Price Each Rs.		Dia Inch	Cutting Length	Overall Length	Price Each Rs.	
			HSS	HSS Taper Shank				HSS	HSS Taper Shank
			Parallel Shank	End Mills				Parallel Shank	End Mills
			M2	M2				M2	M2
1/8	3/8"	1.7/8	931	1446	3/4	1.1/2	3.1/2	2129	3234
5/32	3/8"	1.7/8	931	1446	13/16	1.5/8	3.5/8	2356	3676
3/16	1/2"	2	931	1446	7/8	1.5/8	3.5/8	2673	4024
7/32	1/2"	2	933	1483	15/16	1.5/8	3.5/8		4367
1/4	5/8"	2.1/8	1040	1483	1	1.3/4	3.3/4	3116	4700
9/32	3/4"	2.1/2	1071	1483	1-1/8	1.7/8	4.1/8	4436	6551
5/16	3/4"	2.1/2	1170	1483	1-1/4	2	4.1/4	5326	7700
3/8	7/8"	2.5/8	1170	1611	1-3/8	2.1/8	4.5/8	6432	10211
7/16	7/8"	2.5/8	1170	1634	1-1/2	2.1/4	4.3/4	7528	12204
1/2	1"	2.3/4	1209	1845	1-5/8	2.3/8	4.7/8	9072	14188
9/16	1.1/8	2.7/8	1499	2550	1-3/4	2.1/2	5.1/8	11570	16300
5/8	1.1/4	3.1/4	1754	2717	1-7/8	2.5/8	5.1/4	12758	18585
11/16	1.3/8	3.3/8	1962	3063	2	3	5.1/2	20900	20900

**HSS SLOT MILLING CUTTERS PARALLEL SHANK / TAPER SHANK  
HSN CODE 82077090**

IS:6352 -1991 / IS:6388-1971

BS - 122 (PART 1) 1953

Dia Inch	Cutting Length	Overall Length	Price Each Rs.		Dia Inch	Price Each Rs.	
			HSS	HSS		HSS	HSS
			Parallel Shank Slot Drills	Taper Shank Slot Drills		Parallel Shank Slot Drills	Taper Shank Slot Drills
			M2	M2			M2
3	5	37	1131	1729	1/8	1131	1553
4	7	39	1131	1729	5/32	1131	1553
5	8	42	1131	1729	3/16	1131	1553
6	8	52	1209	1729	7/32	1206	1701
7	10	54	1209	1729	1/4	1209	1791
8	11	55	1209	1901	5/16	1209	1901
9	11	61	1209	1901	3/8	1209	1901
10	13	63	1257	1940	7/16	1235	1940
11	13	70	1257	1940	1/2	1371	2165
12	16	73	1371	2165	9/16	1754	2717
14	16	73	1754	2717	5/8	1972	2819
15			1972	2819	11/16	2231	3068
16	19	79	1972	2819	3/4	2427	3234
18	19	79	2427	3234	13/16	2830	4016
20	22	88	2427	3234	7/8	2830	4016
21			2830	4016	1	3357	4783
22	22	88	2830	4016	1-1/8	4782	6992
23			3357	4783	1-1/4	5830	8385
24			3357	4783	1-3/8	7011	10863
25	26	102	3357	4783	1-1/2	8119	12668
26			4782	6601	1-5/8	10051	
28	26	102		6992	1-3/4	10927	
30			5830	8385	1-7/8	12134	
32	32	112	5830	8385	2	13304	
34			7011	10863			
35			7011	10863			
36	32	112	7528	12668			
38			8119	12668			
40	38	130	8691	14458			
41			9829				
42			9829				
43			10927				
44			10927				
45	38	130	10927				
46			12134				
47			12134				
48			12134				
49			13305				
50	45	147	13305				

**HSS CENTRE DRILL - HSN CODE 82076090**

TYPE 'A' IS:6708-1977			TYPE 'B' IS : 6709-1977			BS 328 (PART 2) 1950			
PILOT	BODY	PRICE	PILOT	BODY	PRICE	SIZE	PILOT	BODY	PRICE
1	3.15	296	1.6	6.3	605	BS 1	3/64"	1/8"	296
1.25	3.15	296	2	8	855	BS 2	1/16"	3/16"	296
1.6	4	296	2.5	10	1092	BS 3	3/32"	1/4"	342
2	5	296	3.15	11.2	1452	BS 4	1/8"	5/16"	530
2.5	6.3	342	4	14	1804	BS 5	3/16"	7/16"	691
3.15	8	530	5	18	2783	BS 6	1/4"	5/8"	1301
4	10	650	6.3	20	3278	BS 7	5/16"	3/4"	2009
5	12.5	1102	8	25	4239				
6.3	16	1301							
8	20	2009							
10	25	2587							

**HSS TAPER SHANK EXTRA LONG MACHINE REAMER**

HSN CODE 82076010

Dia mm	FL	OAL	Price
8	125	200	3146
8	175	250	3361
8	200	300	3687
8	225	300	4625
9	125	200	3068
9	175	250	3533
10	125	200	3951
10	175	250	4215
10	200	300	4473
10	300	400	4780
12	160	250	4682
12	200	300	4934
13	200	300	5642
14	160	250	5258
14	200	300	6176
15	200	300	6272
15	300	400	7016
16	200	300	5973
16	300	400	7016
17	200	300	7075
18	200	300	7778
19	200	300	8262
20	200	300	9166
20	300	400	10358
22	200	300	10411
25	200	315	13518
25	275	400	15191
26	275	400	18773
28	175	400	21564

**PARALLEL SHANK ROUGHING END MILL**

HSN CODE - 82077090

Dia mm	Price
10	3382
11	3382
12	3472
13	3910
14	4092
15	5119
16	5119
17	4855
18	5119
19	5115
20	5803
21	6112
22	6196
23	6448
24	6448
25	6719
26	7279
27	7980
28	8726
29	8726
30	9699
31	10191
32	10191

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

IS : 5881 - 1984

HSN CODE 82076010

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	3532	3532	10	5301	5301	25	13201	13201
4	3532	3532	12	6399	6399	30	17762	17762
5	3532	3532	14	7185	7185	32	19516	19516
6	3532	3532	16	8000	8000	40	34898	34898
8	4780	4780	20	12440	12440	50	60481	60481

**HSS TAPER PIN REAMERS (TAPER 1 IN 50) HAND / MACHINE (INCHES) - HSN CODE 82076010**

BS : 328 (PART 4) 1983

Dia mm	Price Each Rs.		Dia mm	Price Each Rs.		Dia mm	Price Each Rs.	
	Hand	Machine		Hand	Machine		Hand	Machine
9/64	3290		9/32	3600	3600	1/2	5989	5989
5/32	3290	3290	5/16	3987	3987	9/16	6924	6924
11/64	3290	3290	11/32	4498	4498	5/8	7701	7701
3/16	3290	3290	3/8	4587	4587	3/4	9709	9709
7/32	3290	3290	13/32	5147	5147	7/8	11979	11979
1/4	3290	3290	7/16	5298	5298			

**HSS TAPER SHANK COUNTER BORES (MM) (Spot face Cutter) - HSN CODE 82076010**

IS : 5710 - 1988

Dia mm	Price Each Rs.	Dia mm	Price Each Rs.	Dia mm	Price Each Rs.
13.5	4385	28	14748	43	28481
14.5	4903	29	15547	46	32428
16.5	5626	31	16949	48	35199
17.5	6051	33	19418	51	39734
19.5	7146	34	20702	53	43169
20	7492	36	22499	55	47519
22	8574	37	23446	57	52210
23	9843	39	25404	59	57851
25	11916	41	27550	61	64453
26	13206				

**HSS TAPER SHANK COUNTER BORES (INCHES) - HSN CODE 82076010**

BS : 122 (PART 2) 1964

Dia mm	Plot Dia mm	Price Each Rs.	Dia mm	Plot Dia mm	Price Each Rs.	Dia mm	Plot Dia mm	Price Each Rs.
1/4	1/8	2603	11/16	7/16	6051	1.1/4	3/4	16949
5/16	3/16	2959	3/4	1/2	6802	1.3/8	13/16	20702
3/8	7/32	3303	13/16	9/16	7542	1.1/2	7/8	24048
7/16	1/4	3417	7/8	5/8	8574	1.5/8	15/16	27564
1/2	5/16	3846	15/16	5/8	10078	1.3/4	1	31229
9/16	3/8	4783	1	3/4	11916	1.7/8	1.1/8	34689
5/8	7/16	5341	1.1/8	3/4	14747	2	1.1/4	38306

**HSS WOODRUFF KEY SLOT CUTTERS TYPE "A" (STRAIGHT TEETH)**

IS:2669 - 1971

**HSN CODE 82077090**

Dia mm	Width mm	Rate	Dia mm	Width mm	Rate	Dia mm	Width mm	Rate
10.5	2	2032	16.5	5	2829	28.5	6	5933
10.5	2.5	2032	19.5	4	3216	28.5	8	5933
10.5	3	2032	19.5	5	3216	28.5	10	5933
13.5	3	2540	19.5	6	3656	32.5	7	7016
13.5	4	2540	22.5	5	3656	32.5	8	7016
16.5	3	2829	22.5	6	3656	32.5	10	7016
16.5	4	2829	22.5	8	3656	45.5	10	11916

**HSS CUTTER FOR WOODRUFF KEYSEATS**

BS: 122 (PART 1)1953

**HSN CODE 82077090**

Dia inch	B.S. No.	Rate	Dia inch	B.S. No.	Rate	Dia inch	B.S. No.	Rate
1/2"	204	2167	7/8"	507	4141	1.1/4"	810	7330
1/2"	304	2167	7/8"	607	4141	1.1/4"	1010	7330
1/2"	404	2167	7/8"	807	4141	1.1/4"	1210	7330
5/8"	305	3004	1"	608	5005	1.3/8"	1011	8920
5/8"	405	3004	1"	808	5005	1.3/8"	1211	8920
5/8"	505	3004	1"	1008	5005	1.1/2"	812	10078
3/4"	406	3527	1.1/8"	609	6193	1.1/2"	1012	10078
3/4"	506	3527	1.1/8"	809	6193	1.1/2"	1212	10078
3/4"	606	3527	1.1/8"	1009	6193			

**HSS T' SLOT CUTTERS WITH TAPER SHANK / PARALLEL SHANK (MM)**

IS:2668 - 2004

**HSN CODE 82077090**

Nom. Size of T-Slot mm	Dia of mm Cutter mm	Price Each	Nom. Size of T-Slot mm	Dia of mm Cutter mm	Price Each	Nom. Size of T-Slot mm	Dia of mm Cutter	Price Each
							mm	
10	18	7729	18	32	20327	36	60	63284
12	21	8445	22	40	27090	42	72	76800
14	25	16234	28	50	35117			

**HSS 'T' SLOT CUTTERS WITH TAPER SHANK / PARALLEL SHANK (INCHES)**

BS:122 (Part 1)1953

**HSN CODE 82077090**

Nom. Size of T-Slot inches	Dia of mm Cutter inches	Price Each	Nom. Size of T-Slot inches	Dia of mm Cutter inches	Price Each	Nom. Size of T-Slot inches	Dia of mm Cutter inches	Price Each
1/4	37/64	6209	5/8	1-21/64	15867	1-1/8	2-1/8	37141
5/16	45/64	7003	3/4	1-33/64	19702	1-1/4	2-5/16	44184
3/8	53/64	7656	7/8	1-45/64	23234	1-3/8	2-1/2	54536
7/16	61/64	8115	1	1-61/64	28773	1-1/2	2-3/4	69824
1/2	1-5/64	9803						

**HSS CENTRE REAMERS (60deg Or 90deg.)**

BS::122 (Part 2) 1964

HSN CODE 82076010

Dia mm	Price	Dia	Price
1/4	1748	5/8	3370
3/8	2009	3/4	4141
1/2	2478		

**HSS COUNTERSINKS WITH TAPER SHANK (60deg. or 90deg.) CHAMPHER CUTTER**

BS::122 (Part 2) 1964

HSN CODE 82076010

Dia	Price	Dia	Price
1/2	2886	1.1/2	15558
5/8	3834	1.3/4	23005
3/4	4345	2	26807
7/8	5487	2.1/4	30393
1	6901	2.1/2	37717
1.1/8	8921	2.3/4	44519
1.1/4	11229	3	53840
1.3/8	13128		

**HSS SINGLE ANGLE CUTTER**

BS::122 (Part 2) 1953

HSN CODE 82077010

Dia	Width	Bore	Degree	Price
2.3/4"	5/16"	1"	30	5426
2.3/4"	7/16"	1"	40	5946
2.3/4"	1/2"	1"	45 to 80	6293
2.3/4"	5/8"	1"	50 to 80	7010
3"	5/16"	1"	30	5999
3"	7/16"	1"	40	6783
3"	1/2"	1"	45 to 80	7102
3"	5/8"	1"	50 to 80	7537

**HSS SHELL END MILLS**

BS::122 (Part 2) 1953 / IS:6257 - 1982

HSN CODE 82077010

Dia	Length	Bore	Price	Dia Inch	Length Inch	Bore Inch	Price
40	32	16	7474	1.1/4	1	1/2	5142
40	32	16	7474	1.1/2	1.1/8	1/2	6291
50	36	22	9093	1.3/4	1.1/4	3/4	7474
63	40	27	11966	2	1.3/8	3/4	8496
80	45	27	17682	2.1/4	1.1/2	1	10246
100	50	32	26993	2.1/2	1.5/8	1	11917
125	56	40	45258	2.3/4	1.5/8	1	13550
160	63	50	85416	3	1.3/4	1.1/4	15774
				3.1/2	1.7/4	1.1/4	19668
				4	2.1/4	1.1/2	28927
				4.1/2	2.1/4	1.1/2	34679
				5	2.1/4	1.1/2	45258
				5.1/2	2.1/4	2	52940
				6	2.1/4	2	61057

**HSS EQUAL ANGLE CUTTER**

IS 63261996  
BS 122 (Part 1 1953)

HSN CODE 82077010

Dia	Width	Bore	Degree	Price	Dia	Width	Bore	Degree	Price
50	8	16	45	<b>4239</b>	2.3/4"	5/16"	1"	30, 40	<b>5425</b>
50	10	16	60	<b>4426</b>	2.3/4"	7/16"	1"	40	<b>5676</b>
50	14	16	90	<b>4990</b>	2.3/4"	1/2"	1"	45, 60, 90	<b>5676</b>
63	10	22	45	<b>5162</b>	2.3/4"	5/8"	1"	60, 90	<b>6291</b>
63	14	22	60	<b>5714</b>	3"	5/16"	1"	30, 40	<b>5998</b>
63	20	22	90	<b>6607</b>	3"	7/16"	1"	30, 40	<b>6291</b>
80	12	27	45	<b>6335</b>	3"	1/2"	1"	45, 60, 90	<b>6291</b>
80	18	27	60	<b>7177</b>	3"	5/8"	1"	60, 90	<b>6888</b>
80	22	27	90	<b>8127</b>					
100	18	32	45	<b>10014</b>					
100	25	32	60	<b>11713</b>					
100	32	32	90	<b>13707</b>					

**HSS HOLE MILLS GUIDED - TYPE B**

IS : 5989 - 1998

HSN CODE 82077010

Size		Price	Size		Price	Size		Price
Finishing	Roughing		Finishing	Roughing		Finishing	Roughing	
6	5.9	<b>3498</b>	18	17.8	<b>8237</b>	30	29.7	<b>18165</b>
8	7.9	<b>3624</b>	20	19.8	<b>8984</b>	32	31.7	<b>21088</b>
10	9.9	<b>4245</b>	22	21.7	<b>10269</b>	34	33.7	<b>28503</b>
12	11.8	<b>4802</b>	24	23.7	<b>13224</b>	35	34.7	<b>28503</b>
13	12.8	<b>6044</b>	25	24.7	<b>14260</b>	36	35.7	<b>30450</b>
14	13.8	<b>6044</b>	26	25.7	<b>16027</b>	38	37.7	<b>32558</b>
15	14.8	<b>6343</b>	27	26.7	<b>16027</b>	40	39.7	<b>37530</b>
16	15.8	<b>6343</b>	28	27.7	<b>17478</b>	42	41.6	<b>41804</b>

**HSS ROTARY FORM CUTTERS FOR ROLLER CHAIN WHEELS BORE 1"**

HSN CODE 82077010

Pitch Inch	Roller Dia Inch	Price Each Rs.		
		Cutter No		
		1	2	3
0.315	0.197	<b>10280</b>	<b>10280</b>	<b>10280</b>
0.375	0.25	<b>10152</b>	<b>10660</b>	<b>10660</b>
0.5	0.305	<b>12042</b>	<b>12042</b>	<b>12042</b>
0.5	0.335	<b>12042</b>	<b>12042</b>	<b>12042</b>
0.625	0.325	<b>12042</b>	<b>12042</b>	<b>12042</b>
0.625	0.4	<b>13495</b>	<b>13495</b>	<b>13495</b>
0.75	0.475	<b>17982</b>	<b>17982</b>	<b>18295</b>
1	0.625	<b>34853</b>	<b>34853</b>	<b>33965</b>
1.25	0.75	<b>40879</b>	<b>37809</b>	<b>37809</b>
1.5	1	<b>41162</b>	<b>40879</b>	<b>42484</b>
1.75	1.1	<b>55605</b>	<b>54976</b>	<b>54605</b>
2	1.15	<b>81443</b>	<b>74910</b>	<b>72766</b>

**HSS FACE CUTTERS**

HSN CODE 82077010

Dia Inch	Length Inch	Bore Inch	Rate
1.3/4	1.1/4	3/4"	<b>6447</b>
2	1.1/4	3/4"	<b>7432</b>
2.1/2	1.1/4	3/4"	<b>9387</b>
3	1.11/16	1.1/8	<b>13438</b>
4	1.3/4	1.1/8	<b>22475</b>
5	2	1.1/2	<b>37809</b>

Dia mm	Width mm	Bore mm	Price		Dia mm	Width mm	Bore mm	Price	
			Straight Teeth Type B	Staggered Teeth Type A				Straight Teeth Type B	Staggered Teeth Type A
50	5	16	4634	5762		28		34961	43808
	6		4816	5998		32		37577	47793
	8		4941	6163	160	6	40	20627	23035
	10		5249	6559		8		21921	24492
63	6	22	5676	7337		10		23222	25941
	8		5998	8005		12		24498	27355
	10		6522	8245		14		25787	28819
	12		6804	8883		16		27307	30259
63	14	22	7009	9530		18		29242	33481
	16		7353	10280		20		30702	33481
	18		7841	10584	160	22	40	32512	37113
80	6	27	6215	7800		25		35091	43035
	8		6888	8489		28		37577	44809
	10		7353	9712		32		40900	48856
	12		7841	10280	200	6	40	26993	29938
80	14	27	8339	11028		8		29124	32243
	16		8723	11254		10		31520	35436
	18		9712	12745		12		36433	40061
	20		10134	13366		14		38806	42864
100	6	32	8883	10773		16		41204	45714
	8	32	9495	11529	200	18	40	45985	51835
	10		10497	12357		20		46484	53417
	12		11254	13736		22		50759	58102
	14		11921	14050		25		55537	63805
	16		12745	15158		28		58471	67767
100	18	32	13592	15583		32		64991	75954
	20		14636	16455	225	6		34769	37708
	22		15323	18815		8		37954	41509
	25		16649	20513		10		41315	44713
125	6	32	12454	15451		12		48095	52487
	8		13366	16649	225	14		51558	56750
	10		14321	19372		16		55082	60965
	12		16322	20112		18		62137	70654
	14		17682	21487		20		62137	70654
	16		18429	22317		22		68596	78236
125	18	32	19765	25454		25		75119	85567
	20		20467	27461		28		81792	92485
	22		22601	29841		32		88456	99366
	25		24715	31031	250	6		39903	43717
	28		27829	35523		8		43974	47543
150	6		15158	19492		10		47769	51318
	8		16488	21086		12		55875	61189
	10		17889	22721		14		60489	65932
	12		20719	26172		16		64946	70653
	14		22160	27829	250	18		73414	81735
	16		23611	29516		20		73414	81735
	18		26511	32739		22		81243	90575
	20		26511	32739		25		89573	98633
150	22		29434	36275		28		97370	109135
	25		32270	39952		32		105086	119677

Dia Inch	Width Inch	PRICE		Dia Inch	Width Inch	PRICE	
		Straight Teeth Type B	Staggered Teeth Type A			Straight Teeth Type B	Staggered Teeth Type A
2.1/2	1/4	5676		5	1/4	12454	
	5/16	5946			5/16	13366	16649
	3/8	6215			3/8	14321	19372
	7/16	6495			7/16	15323	19714
	1/2	6774			1/2	16322	20112
2.1/2	5/8	7262		5	5/8	18429	22317
	3/4	7756			3/4	20467	25463
	7/8	8276			7/8	22601	29516
	1	8858			1	24715	31031
	1.1/4	9957			1.1/4	28544	
	1.1/2	11094		5	1.1/2	32473	
3	1/4	6291	7899	6	1/4	15158	19491
	5/16	6611	8400		5/16	16488	21086
	3/8	7009	9387		3/8	17889	22721
	7/16	7337	9542		7/16	19303	24418
3	1/2	7723	9712	6	1/2	20719	26172
	5/8	8469	10874		5/8	23603	29516
	3/4	9093	11552		3/4	26511	32739
	7/8	10119	12596		7/8	29434	36275
	1	10936	13592		1	32270	39928
3	1.1/4	12074		6	1.1/4	37577	
	1.1/2	13797			1.1/2	42864	
3.1/2	1/4	7474		8	1/4	26993	29978
	5/16	7899			5/16	29124	32243
	3/8	8400			3/8	31520	35436
	7/16	8896			7/16	33972	37750
	1/2	9334		8	1/2	36433	40061
3.1/2	5/8	10345			5/8	41204	45714
	3/4	11332			3/4	45985	51993
	7/8	12217			7/8	50759	58102
	1	13438			1	55537	63789
	1.1/4	15202			1.1/4	64981	
	1.1/2	17133			1.1/2	74424	
4	1/4	8858	10773	10	1/4	39903	43717
	5/16	9495	10577		5/16	43974	47543
	3/8	10134	11209		3/8	47769	51318
	7/16	10773	11893		7/16	51336	53683
4	1/2	11254	13736		1/2	55875	61189
	5/8	12745	15158	10	5/8	64949	70653
	3/4	14050	17299		3/4	73414	81735
	7/8	15323	18815		7/8	81246	90575
	1	16649	20513		1	89576	98633
	1.1/4	18922			1.1/4	105086	119677
	1.1/2	20844			1.1/2	121855	137512
					1.3/4	147980	165245

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

BS : 949 (PART 2) 1979

CLASS 2 TOL

BS -949-1969

ZONE - 3 Tol

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

HSN CODE 82074090

Dia Inch	Rate Hand Tap I, II or III	Rate Set of 3 pcs	BSW,BSF,UNC,UNF								Rate Nut Tap BSW,BSF UNC, UNF
			BSW TPI	BSW Drill Size	BSF TPI	BSF Drill Size	UNC TPI	UNC Drill Size	UNF TPI	UNF Drill Size	
3/16"	436	1308	24	3.7	32	4	-	-	-	-	
1/4"	445	1334	20	5.1	26	5.3	20	5.1	28	5.5	938
5/16"	515	1545	18	6.5	22	6.8	18	6.6	24	6.9	1064
3/8"	612	1835	16	7.9	20	8.3	16	8	24	8.5	1304
7/16"	790	2370	14	9.3	18	9.7	14	9.4	20	9.9	1748
1/2"	996	2988	12	10.5	16	11.1	13	10.8	20	11.5	2177
9/16"	1446	4339	12	12.1	16	12.7	12	12.2	18	12.9	3205
5/8"	1446	4339	11	13.5	14	14	11	13.5	18	14.5	3205
11/16"	2457	7372	11	15.1	14	15.5	-	-	-	-	4370
3/4"	2457	7372	10	16.25	12	16.75	10	16.5	16	17.5	5183
13/16"	2899	8698	-	-	-	-	-	-	-	-	
7/8"	3334	10003	9	19.25	11	19.75	9	19.5	14	20.4	7014
1"	4289	12867	8	22	10	22.75	8	22.25	12	23.25	9138
1.1/8"	5818	17455	7	24.75	9	25.5	7	25	12	26.5	12325
1.1/4"	7011	21033	7	28	9	28.5	7	28	12	29.5	14863
1.3/8"	9046	27137	6	30.1	8	31.5	6	30.75	12	32.75	18313
1.1/2"	10851	32553	6	33.5	8	34.5	6	34	12	36	21970
1.5/8"	12718	38155	5	35.7	8	37.7	-	-	-	-	
1.3/4"	14878	44635	5	39	7	41	5	39.5	-	-	30894
2"	21327	63982	4 1/2	44.5	7	47	-	-	-	-	43629
2.1/4"	31874	95623	-	-	-	-	-	-	-	-	
2.1/2"	41833	125498	-	-	-	-	-	-	-	-	
2.3/4"	52203	156610	-	-	-	-	-	-	-	-	
3"	70056	210167	-	-	-	-	-	-	-	-	

**HSS GROUND THREAD HAND TAPS**  
**BSP (PARALLEL)**  
**NPT, BSPT**  
**HSN CODE 82074090**

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

Dia Inch	Rate BSP(P) I or II	Rate BSP(P) Set of 2	BSP TPI	BSP Drill Size	Rate NPT(P) I & III	Rate NPT(P) Set of 2	NPT TPI	NPT Drill Size	Rate BSPT I & III	Rate Set of 2 pcs
1/8"	651	1301	28	8.8	899	1799	27	8.4	864	1728
1/4"	1011	2022	19	11.8	1634	3268	18	10.7	1556	3112
3/8"	1572	3145	19	15.25	2259	4517	18	14.25	2162	4324
1/2"	2295	4591	14	19	3345	6693	14	17.5	3204	6408
5/8"	2604	5209	14	21			-	-		
3/4"	3874	7748	14	24.5	5638	11276	14	22.75	5402	10804
7/8"	4813	9626	14	28.25				-		
1"	6117	12234	11	30.75	8802	17604	11.5	28.5	8397	16794
1.1/4"	9184	18368	11	39.5	12593	25186	11.5	37.5	12017	24034
1.1/2"	11444	22888	11	45	15596	31193	11.5	43.5	14899	29798
1.3/4"	17559	35119	11	51			-	-		
2"	20554	41109	11	57	28171	56342	11.5	55	26894	53788
2.1/4"	35548	71096	-	-			-	-		
2.1/2"	50942	101884	-	-	82701	165401	-	-	78955	157910
2.3/4"	57252	114503	-	-			-	-		
3"	64540	129080	-	-	107819	215638	-	-	102914	205828
3.1/2"	84804	169609	-	-	141659	283318	-	-	135274	270548
4"	106712	213424	-	-	178122	356245	-	-	170038	340076

**SPECIAL HIGHER SIZES TAPS**

**HAND TAPS TO IS 6175-1992 (FINE PITCH) MOQ - 3 Nos. Each**

**HSN CODE 82074090**

Size mm	Rate Per Pc I or III	Rate Per Set of 2 Pcs
72x6	69693	139385
76x6	80678	161355
80x6	81488	162976
85x6	102546	205091
90x6	125367	250733
95x6	136210	272419
100x6	159377	318753

**HSS GROUND THREAD HAND TAPS**  
**METRIC COARSE PITCH**  
**METRIC COARSE PITCH**  
**HSN CODE 82074090**

IS : 6175- PART 2 &3 - 1992(6HTOL)  
 IS : 6175-PART 4 1991 (6HTOL)

<b>Dia &amp; Pitch MM</b>	<b>Rate Each I, II or III</b>	<b>Rate Per Set of 3 pcs</b>	<b>SHANK DIA</b>	<b>SQUARE SIZE</b>	<b>DRILL SIZE</b>
3 x 0.5	418	1256	3.15	2.5	2.5
4 x 0.7	418	1256	4	3.15	3.3
5 x 0.8	436	1306	5	4	4.2
6 x 1.0	445	1335	6.3	5	5
7 x 1.0	568	1703	7.1	5.6	6
8 x 1.25	515	1546	8	6.3	6.8
9 x 1.25	624	1874	9	7.1	7.8
10 x 1.50	646	1936	10	8	8.5
11 x 1.50	988	2964	8	6.3	9.5
12 x 1.75	985	2955	9	7.1	10.2
14 x 2.00	1431	4291	11.2	9	12
16 x 2.00	1431	4291	12.5	10	10
18 x 2.50	2418	7253	14	11.2	15.5
20 x 2.50	3176	9530	14	11.2	17.5
22 x 2.50	3299	9897	16	12.5	19.5
24 x 3.00	3706	11120	18	14	21
25 x 3.00	4647	13940			22
27 x 3.00	5731	17194	20	16	24
30 x 3.50	6402	19206	20	16	26.5
33 x 3.50	7812	23438	22.4	18	29.5
36 x 4.00	10851	32552	25	20	32
39 x 4.00	12738	38215	28	22.4	35
42 x 4.50	14873	44619	28	22.4	37.5
45 x 4.50	19999	60000	31.5	25	40.5
48 x 5.00	21327	63982	31.5	25	43
52 x 5.00	26771	80316	35.5	28	47
56 x 5.50	38085	114252	35.5	28	50.5
60 x 5.50	40155	120464	40	31.5	54.5
64 x 6.00	42241	126723	40	31.5	58
68 x 6.00	52710	158131	45	35.5	62

**HSS GROUND THREAD MACHINE TAPS M C P**  
**HSS GROUND THREAD NUT TAPS M C P**  
**HSN CODE 82074090**

COARSE PITCH  
 IS : 6175-PART 4 1991 (6HTOL)  
 IS : 6175 PART 5 1991 (6HTOL)

Dia & Pitch MM	Machine Tap		SHANK DIA	SQUARE SIZE	DRILL SIZE	RATE Nut Taps
	Rate Type A or C	Rate Type B				
4 x 0.7	887					
5 x 0.8	647	756				
6 x 1.0	695	819	4.5	3.55	5	938
7 x 1.0	751		5.6	4.5	6	985
8 x 1.25	751	894	6.3	5	6.8	1064
9 x 1.25			7.1	5.6	7.8	
10 x 1.50	940	1105	8	6.3	8.5	1418
11 x 1.50			8	6.3	9.5	
12 x 1.75	1325	1570	9	7.1	10.2	2177
14 x 2.00	1920	2262	11.2	9	12	3023
16 x 2.00	1920	2262	12.5	10	14	3023
18 x 2.50	3130	3699	14	11.2	15.5	5183
20 x 2.50	3884	4544	14	11.2	17.5	6912
22 x 2.50	4306	5073	16	12.5	19.5	7014
24 x 3.00	4810	5666	18	14	21	7966
25 x 3.00					22	9525
27 x 3.00	7393	8730	20	16	24	12235
30 x 3.50	8138	9606	20	16	26.5	15111
33 x 3.50	9534	11541	22.4	18	29.5	16681
36 x 4.00	12468		25	20	32	21581
39 x 4.00	15018		28	22.4	35	25745
42 x 4.50	17148		28	22.4	37.5	30655
45 x 4.50	22988		31.5	25	40.5	36968
48 x 5.00	25850		31.5	25	43	43248
52 x 5.00	29928		35.5	28	47	
56 x 5.50	38500		35.5	28	50.5	
60 x 5.50	45446		40	31.5	54.5	
64 x 6.00	51281		40	31.5	58	
68 x 6.00	71440		45	35.5	62	

**HSS GROUND THREAD HAND TAPS  
METRIC FINE PITCH (NON-SERIAL)**

IS 6175 -PART 2 & 3-1992(6HTOL)

HSN CODE 82074090

<b>MFP Dia &amp; Pitch</b>	<b>Rate Each I or III</b>	<b>Rate set of 2 pcs</b>	<b>SHANK DIA</b>	<b>SQUARE DIA</b>	<b>DRILL SIZE</b>
3 x 0.35	678	1356			
3.5 x 0.35	678	1356			
4 x 0.5	598	1196	4	3.15	
5 x 0.5	584	1168	5	4	
6 x 0.75	598	1196	6.3	5	5.2
7 x 0.75	693	1387	7.1	5.6	6.2
8 x 0.75	687	1374	8	6.3	7.2
8 x 1.0	624	1248	8	6.3	7
9 x 0.75	762	1525	9	7.1	8.2
9 x 1.0	762	1525	9	7.1	8
10 x 0.75	864	1728	10	8	9.2
10 x 1.0	726	1452	10	8	9
10 x 1.25	726	1452	10	8	8.7
11 x 1.0	1207	2414	8	6.3	10
12 x 1.0	1151	2301	9	7.1	11
12 x 1.25	1151	2301	9	7.1	10.7
12 x 1.5	1151	2301	9	7.1	10.5
14 x 1.0	1481	2962	11.2	9	13
14 x 1.25	1521	3042	11.2	9	12.7
14 x 1.5	1431	2861	11.2	9	12.5
15 x 1.0	1741	3482	11.2	9	14
15 x 1.5	1481	2962	11.2	9	13.5
16 x 1.0	1481	2962	12.5	10	15
16 x 1.5	1431	2861	12.5	10	14.5
18 x 1.0	3008	6016	14	11.2	17
18 x 1.5	2808	5616	14	11.2	16.5
18 x 2.0	2808	5616	14	11.2	16
20 x 1.0	3723	7446	14	11.2	19
20 x 1.5	3487	6973	14	11.2	18.5
20 x 2.0	3487	6973	14	11.2	18
22 x 1.0	4215	8429	16	12.5	21
22 x 1.5	3789	7579	16	12.5	20.5
22 x 2.0	3789	7579	16	12.5	20
24 x 1.0	4289	8578	18	14	23
24 x 1.5	4289	8578	18	14	22.5
24 x 2.0	4289	8578	18	14	22
25 x 1.5	4741	9482	18	14	23.5
25 x 2.0	4741	9482	18	14	23
26 x 1.5	4768	9536	18	14	24.5
26 x 2.0	4768	9536	18	14	24
27 x 1.5	6366	12732	20	16	25.5
27 x 2.0	6366	12732	20	16	25
28 x 1.5	6366	12732	20	16	26.5
28 x 2.0	6366	12732	20	16	26
30 x 1.0	7183	14366	20	16	29
30 x 1.5	7183	14366	20	16	28.5
30 x 2.0	7183	14366	20	16	28

**HSS GROUND THREAD HAND TAPS  
METRIC FINE PITCH (NON-SERIAL)  
HSN CODE 82074090**

IS 6175 -PART 2 & 3-1992(6HTOL)

<b>MFP Dia &amp; Pitch</b>	<b>Rate Each I or II</b>	<b>Rate Set of 2 pcs.</b>	<b>SHANK DIA</b>	<b>SQUARE DIA</b>	<b>DRILL SIZE</b>
30 x 3.0	7183	14366	20	16	27
32 x 1.5	7556	15112	22.4	18	30.5
32 x 2.0	7556	15112	22.4	18	30
33 x 1.5	8754	17509	22.4	18	31.5
33 x 2.0	8754	17509	22.4	18	31
33 x 3.0	8754	17509	22.4	18	30
35 x 1.5	12134	24268	25	20	33.5
36 x 1.5	12134	24268	25	20	34.5
36 x 2.0	12134	24268	25	20	34
36 x 3.0	12134	24268	25	20	33
39 x 1.5	15153	30306	28	22.4	37.5
39 x 2.0	15153	30306	28	22.4	37
39 x 3.0	16058	30306	28	22.4	36
40 x 1.5	15309	30618	28	22.4	38.5
40 x 2.0	16058	32117	28	22.4	38
40 x 3.0	16795	33589	28	22.4	37
42 x 1.5	16795	33589	28	22.4	40.5
42 x 2.0	16795	33589	28	22.4	40
42 x 3.0	16795	33589	28	22.4	39
42 x 4.0	16795	33589	28	22.4	38
45 x 1.5	23293	46586	31.5	25	43.5
45 x 2.0	23293	46586	31.5	25	43
45 x 3.0	23293	46586	31.5	25	42
45 x 4.0	23293	46586	31.5	25	41
48 x 1.5	24269	48538	31.5	25	46.5
48 x 2.0	24269	48538	31.5	25	46
48 x 3.0	24269	48538	31.5	25	45
48 x 4.0	24269	48538	31.5	25	44
50 x 1.5	26756	53512	31.5	25	48.5
50 x 2.0	26756	53512	31.5	25	48
50 x 3.0	26756	53512	31.5	25	47
52 x 1.5	30152	60304	35.5	28	50.5
52 x 2.0	30152	60304	35.5	28	50
52 x 3.0	30152	60304	35.5	28	49
52 x 4.0	30152	60304	35.5	28	48

**HSS GROUND THREAD MACHINE TAPS**  
**HSS GROUND THREAD NUT TAPS**  
**METRIC FINE PITCH**  
**HSN CODE 82074090**

IS : 6175-PART 4-1991(6HTOL)  
 IS : 6175 PARTS - 1991(6HTOL)

MFP Dia & Pitch mm	Machine Tap (Rate)		SHANK DIA	SQUARE SIZE	DRILL SIZE	Nut Tap Rate
	Type A or C	Type B				
5 x 0.5	795					
6 x 0.75	795	947	4.5	3.55	5.2	1034
7 x 0.75	901	1075	5.6	4.5	6.2	1338
8 x 0.75	858	1019	6.3	5	7.2	1213
8x 1.0	858	1019	6.3	5	7	1213
9 x 0.75	1179	1472	7.1	5.6	8.2	
9 x 1.0	1179	1472	7.1	5.6	8	1213
10 x 0.75			8	6.3	9.2	
10 x 1.0	991	1179	8	6.3	9	1599
10 x 1.25	1054	1245	8	6.3	8.7	1599
11 x1.0	1535	1777	8	6.3	10	
12 x 1.0	1285		9	7.1	11	2510
12 x 1.25	1431	1693	9	7.1	10.7	2510
12 x 1.5	1431	1693	9	7.1	10.5	2510
14 x 1.0	1937	2293	11.2	9	13	3740
14 x 1.25	1920	2262	11.2	9	12.7	3740
14 x 1.5	1920	2262	11.2	9	12.5	3740
15 x 1.0	2059	2412	11.2	9	14	
15 x 1.5	1920	2239	11.2	9	13.5	
16 x 1.0	2059	2412	12.5	10	15	3740
16 x 1.5	1920	2239	12.5	10	14.5	3740
18 x 1.0	3760	4517	14	11.2	17	5819
18 x 1.5	3603	4247	14	11.2	16.5	5819
18 x 2.0	3603	4247	14	11.2	16	5819
20 x 1.0	4695	5725	14	11.2	19	
20 x 1.5	4695	5549	14	11.2	18.5	7601
20 x 2.0	4695	5549	14	11.2	18	7601
22 x 1.0	4695	6035	16	12.5	21	
22 x 1.5	4695	5744	16	12.5	20.5	8070
22 x 2.0	4695	5744	16	12.5	20	8070
24 x 1.0	5440	6724	18	14	23	
24 x 1.5	5440	6408	18	14	22.5	9596
24 x 2.0	5440	6408	18	14	22	9596
25 x 1.5	7081	8359	18	14	23.5	10789
25 x 2.0	7081	8359	18	14	23	
26 x 1.5	6989	8249	18	14	24.5	
26 x 2.0	6989	8249	18	14	24	
27 x 1.5	8359	9864	20	16	25.5	13600
27 x 2.0	8359	9864	20	16	25	
28 x 1.5	9032	10596	20	16	26.5	16936
28 x 2.0	9032	10596	20	16	26	
30 x 1.0	9675	11378	20	16	29	
30 x 1.5	9405	11095	20	16	28.5	16396
30 x 2.0	9405	11095	20	16	28	16396

**HSS GROUND THREAD MACHINE TAPS  
METRIC FINE PITCH**

IS : 6175-PART 4-1991(6HTOL)

HSN CODE 82074090

MFP Dia & Pitch mm	Machine Tap Rate		SHANK DIA	SQUARE SIZE	DRILL SIZE	Nut Tap Rate
	Type A or C	Type B				
30 x 3.0	9405	11095	20	16	27	
32 x 1.5	10395	12408	22.4	18	30.5	
32 x 2.0	10395	12408	22.4	18	30	
33 x 1.5	11378	13500	22.4	18	31.5	18790
33 x 2.0	11378	13500	22.4	18	31	18790
33 x 3.0	11378	13500	22.4	18	30	
35 x 1.5	15812		25	20	33.5	
36 x 1.5	15812		25	20	34.5	
36 x 2.0	15812		25	20	34	
36 x 3.0	15812		25	20	33	
39 x 1.5	19207		28	22.4	37.5	
39 x 2.0	19207		28	22.4	37	
39 x 3.0	19207		28	22.4	36	
40 x 1.5	20676		28	22.4	38.5	
40 x 2.0	20676		28	22.4	38	
40 x 3.0	20676		28	22.4	37	
42 x 1.5	21808		28	22.4	40.5	
42 x 2.0	21808		28	22.4	40	
42 x 3.0	21808		28	22.4	39	
42 x 4.0	21808		28	22.4	38	
45 x 1.5	30425		31.5	25	43.5	
45 x 2.0	30425		31.5	25	43	
45 x 3.0	30425		31.5	25	42	
45 x 4.0	30425		31.5	25	41	
48 x 1.5	31524		31.5	25	46.5	
48 x 2.0	31524		31.5	25	46	
48 x 3.0	31524		31.5	25	45	
48 x 4.0	31524		31.5	25	44	
50 x 1.5	36694		31.5	25	48.5	
50 x 2.0	36694		31.5	25	48	
50 x 3.0	36694		31.5	25	47	
52 x 1.5	39174		35.5	28	50.5	
52 x 2.0	39174		35.5	28	50	
52 x 3.0	39174		35.5	28	49	
52 x 4.0	39174		35.5	28	48	

## ADDISON HSS TOOL BIT BLANKS

HSN CODE 82079090

NORMAL SIZE Sq./Rd		GRADES		
Size mm	Inch	ZEDD=M2 SQ.	S400=T42 SQ./RD	S500=T42C SQ./RD.
5 x 75	3/16 x 3	150	391	406
5 x 100	3/16 x 4	200	569	597
5 x 150	3/16 x 6	308	1225	1253
6 x 75	1/4 x 3	174	523	551
6 x 100	1/4 x 4	206	700	726
6 x 150	1/4 x 6	292	1142	1180
6 x 200	1/4 x 8	420	1934	2025
8 x 75	5/16 x 3	191	677	721
8 x 100	5/16 x 4	251	924	982
8 x 150	5/16 x 6	413	1484	1580
8 x 200	5/16 x 8	525	2105	2246
-	3/8 x 3	245	804	858
-	3/8 x 4	455	1062	1146
-	3/8 x 6	455	1702	1812
-	3/8 x 8	624	2420	2576
-	3/8 x 10	800	3204	3411
10 x 75	-	266	872	932
10 x 100	-	319	1171	1252
10 x 150	-	495	1835	1948
10 x 200	-	689	2584	2749
10 x 250	-	875	3410	3627
12 x 75	1/2 x 3	360	1309	1361
12 x 100	1/2 x 4	455	1705	1822
12 x 150	1/2 x 6	698	2682	2803
12 x 200	1/2 x 8	920	3737	3906
12 x 250	1/2 x 10	1396	5148	5457
16 x 100	5/8 x 4	725	2871	2988
16 x 150	5/8 x 6	1068	4207	4478
16 x 200	5/8 x 8	1444	5904	6131
-	3/4 x 4	1002	3948	4159
-	3/4 x 6	1464	5794	6233
-	3/4 x 8	2004	7936	8360
20 x 100	-	1095	4307	4526
20 x 150	-	1596	6453	6794
20 x 200	-	2181	8613	9058
25 x 150	1 x 6	2471	9723	10327
25 x 200	1 x 8	3360	12959	13781

1. Zedd=M2 (HSS with 0% Cobalt) (62-65 HRc)
2. S200=M42 (HSS with 8% Cobalt) (65-68 HRc) (Square Toolbit blanks are with bevelled ends)
3. S40C-T42 (HSS with 10% Cobalt) (64-67 HRc)
4. S500=T42 with Cryogenic (Ultra low) Heat Treatment (65-69 HRc)

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

HSN CODE 82079090

Size mm	Inch	Straight Shank Drill	Taper Shank Drill	MOQ (No.)	Size mm	Inch	Straight Shank Drill	Taper Shank Drill	MOQ (No.)
3		968	–	25		31/64	2057	3472	25
	1/8	968	–	25		1/2	2057	3472	25
3.5		999	–	25	13		2057	3472	25
	9/64	999	–	25		17/32	2221	3974	25
	5/32	1002	–	25	14		2434	3974	20
4		1002	–	25		9/16	2434	3974	20
	11/64	1002	–	25	15		2727	4220	20
4.5		1002	–	25		19/32	2727	4220	20
	3/16	1093	–	25		5/8	3141	4565	20
5		1093	–	25	16		3141	4565	20
	13/64	1093	–	25		21/32	3303	4912	20
5.5		1108	–	25	17		3303	4912	20
	7/32	1108	–	25		11/16	3303	4912	20
	15/64	1167	–	25	18		3633	5338	20
6		1167	–	25		23/32	3633	5338	20
	1/4	1186	–	25	19		4145	5708	20
6.5		1186	–	25		3/4	4145	6566	20
	17/64	1209	–	25		25/32	4700	6566	20
7		1283	–	25	20		4700	6566	20
	9/32	1283	–	25		13/16		6800	20
7.5		1315	–	25	21			6800	20
	19/64	1315	–	25		27/32		6800	20
	5/16	1315	–	25	22			7124	20
8		1315	–	25		7/8		7124	20
	21/64	1357	–	25	23			7522	20
8.5		1357	–	25		29/32		7522	20
	11/32	1402	–	25		15/16		7896	20
9		1402	–	25	24			7896	20
	23/64	1497	–	25		31/32		8185	20
9.5		1497	–	25	25			8185	20
	3/8	1506	2615	25		1		10056	20
	25/64	1506	2615	25	26			10056	15
10		1506	2615	25		1.1/32		10056	15
	13/32	1632	2923	25		1.1/16		10385	15
10.5		1632	2923	25	27			10385	15
	27/64	1653	2923	25		1.3/32		10933	15
11		1653	2923	25	28			10933	15
	7/16	1716	3195	25		1.1/8		11345	15
11.5		1716	3195	25	29			11345	15
	29/64	1716	3195	25		1.5/32		11345	15
	15/32	1852	3195	25	30			11676	15
12		1852	3195	25		1.3/16		11676	15

**CARBIDE TIPPED STRAIGHT SHANK CHUCKING REAMERS**      **IS : 10884 - 1984**  
**GRADE OF TIP ISO K – 10**

HSN CODE 82079090

Size Dia mm	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Size Dia mm	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
6		5116	20		3/8	5485	20
	1/4	5116	20	10		5485	20
7		5116	20		13/32	5485	20
	9/32	5116	20	11		5485	20
	5/16	4764	20		7/16	5485	20
8		4764	20		15/32	6043	20
	11/32	4764	20	12		6043	20
9		4764	20		1/2	6043	20

**CARBIDE TIPPED TAPER SHANK CHUCKING REAMERS**      **IS : 10885 – 1984**  
**GRADE OF TIP ISO K – 10**

HSN CODE 82079090

Size Dia mm	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Size Dia mm	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
6		5116	20		11/16	7195	10
	1/4	5116	20	18		7195	10
7		5116	20		23/32	7195	10
	9/32	5116	20	19		7195	10
	5/16	4764	20		3/4	7195	10
8		4764	20		25/32	7195	10
	11/32	4764	20	20		7195	10
9		4764	20		13/16	7195	10
	3/8	5485	20	21		8005	10
10		5485	20		27/32	8005	10
	13/32	5485	20	22		8005	10
11		5485	20		7/8	8005	10
	7/16	5485	20	23		8005	10
	15/32	6043	20		29/32	8121	10
12		6043	20	24		10289	10
	1/2	6043	20	25		10289	10
13		6043	20		1	10289	10
	17/32	6342	20	26		10289	10
14		6342	10	27		10484	10
	9/16	6342	10	28		10484	10
15		6342	10	29		10484	10
	19/32	7195	10	30		10569	10
	5/8	7195	10			10569	10
16		7195	10	31		10569	10
	21/32	7195	10	32		10569	10
17		7195	10				



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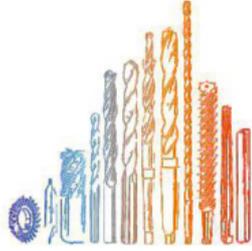
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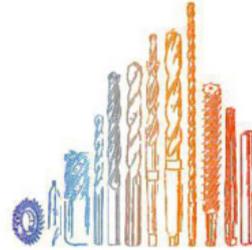
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