



## Drills



## HSS PARALLEL SHANK TWIST DRILLS JOBBER SERIES

IS 5101 - 1991  
BS 328 (PART 1) 1986

Size		WG / LG	Price Per Ten (Rs.)								MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	Addsonic	Addsonic TIN-Coated	M42	M42 TIN-Coated	
0.3				3122	3175						200
0.4				3122	3175						200
0.5				3122	3175						200
0.6				3122	3175						200
0.7				1783	1813						200
0.8				1783 **	1813						200
0.9				1783 **	1813						200
1.0			466 *	435	443	757	561	897			200
(1.02)		60	466	435	443						200
(1.04)		59	466	435	443						200
(1.07)		58	466	435	443						200
(1.09)		57	466	435	443						200
1.10			466**	435	443	757	561	897			200
(1.18)		56	466	435	443						200
(1.19)	3/64		466	435	443		561				200
1.20			466 **	435 **	443	757	561	897			200
1.30			466 **	435	443	757	561	897			200
(1.32)		55	466	435	443						200
1.40		54	466 **	435 **	443	757	561	897			200
1.50			442 *	413 *	421	757	532	897			200
(1.51)		53	442	413	421						200
(1.59)	1/16		442	413	421		532				200
1.60			442 *	413 **	421	757	532	897			200
(1.61)		52	476	445	453						200
1.70			476 **	445	453	793	563	933			200
(1.70)		51	476	445	453						200
(1.78)		50	476	445	453						200
1.80			476 *	445 **	453	793	563	933			200
(1.85)		49	476	445	453						200
1.90			476 **	445 **	453	793	563	933			200
(1.93)		48	476	445	453						200
(1.98)	5/64		476	445	453		563				200
(1.99)		47	476	445	453						200
2.00			476 *	445 *	453	793	563	933			200
(2.06)		46	476	445	453						200
(2.08)		45	476	445	453						200
2.10			476*	445 **	453	853	563	993			200
(2.18)		44	476	445	453						200
2.20			476 *	445 **	453	853	563 **	993			200
(2.26)		43	476	445	453						200
2.30			476 *	445	453	853	563	993			200
(2.37)		42	476	445	453						200
(2.38)	3/32		476	445	453		563				200
2.40			476 *	445 **	453	853	563	993			200
(2.44)		41	476	445	453						200
(2.49)		40	476	445	453						200
2.50			476 *	445 *	453	853	563	993			200
(2.53)		39	476	445	453						200
(2.58)		38	476	445	453						200
2.60			476 *	445 **	453	853	563	993			200
(2.64)		37	476	445	453						200
2.70			476 *	445 **	453	853	563	993			200
(2.71)		36	476	445	453						200
(2.78)	7/64		476	445	453		575				200
(2.79)		35	520	486	495						200

ADDSONIC DRILLS - Below 3 mm will be supplied without split point

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

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BS 328 (PART 1) 1986

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mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	Addsonic	Addsonic TIN-Coated	M42	M42 TIN-Coated	
2.80			520 *	486 **	495	901	575	993	836	1309	200
(2.82)		34	520	486	495						200
(2.87)		33	520	486	495						200
2.90			520 *	486	495	901	575	993	836	1309	200
(2.95)		32	520	486	495						200
3.00			520 *	486 *	495 **	901 **	637	1079	836	1309	200
(3.05)		31	620	579	589		763				200
3.10			620 *	579 **	589	935	763	1126	992	1372	200
(3.17)	1/8		620 *	579 *	589		763				200
3.20			642 *	600 *	611	956	783	1158	1034	1404	200
(3.26)		30	642	600	611		783				200
3.30			642 *	600 **	611	956	783	1158	1034	1404	200
3.40			642 *	600	611	956	783	1158	1034	1404	200
(3.45)		29	642	600	611		783				200
3.50			642 *	600 *	611	956	783	1158	1034	1404	200
(3.57)		28	642	600	611		783				200
(3.57)	9/64		642 *	600 **	611		783				200
3.60			908 *	848	863	1211	1117	1490	1462	1843	200
(3.66)		27	908	848	863		1117				200
3.70			908 *	848 **	863	1211	1117	1490	1462	1843	200
(3.73)		26	908	848	863		1117				200
(3.80)		25	908 *	848	863		1117				200
3.80			908	848 **	863	1211	1117	1490	1462	1843	200
(3.86)		24	908	848	863		1117				200
3.90			908 **	848	863	1211	1117	1490	1462	1843	200
(3.91)		23	908	848	863		1117				200
(3.97)	5/32		908 *	848 **	863		1117				200
(3.99)		22	908	848	863		1117				200
4.00			908 *	848 *	863	1211	1117	1490	1462	1843	200
(4.04)		21	1107	1035	1053		1347				200
(4.09)		20	1107	1035	1053		1347				200
4.10			1107 *	1035 *	1053	1402	1347	1737	1764	2165	200
4.20			1107 *	1035 *	1053 **	1402	1347	1737	1764	2165	200
(4.22)		19	1107	1035	1053		1347				200
4.30			1107 *	1035 **	1053	1402	1347	1737	1764	2165	200
(4.30)		18	1107	1035	1053		1347				200
(4.37)	11/64		1107 *	1035	1053		1347				200
(4.39)		17	1107	1035	1053		1347				200
4.40			1107 *	1035 **	1053	1402	1347	1737	1764	2165	200
(4.50)		16	1450	1355	1379		1775				200
4.50			1450 *	1355 *	1379 **	1732	1775	2165	2317	2723	200
(4.57)		15	1450	1355	1379		1775				200
4.60			1450 **	1355	1379	1732	1775	2165	2317	2723	200
(4.62)		14	1450	1355	1379		1775				200
4.70		13	1450	1355	1379	1732	1775	2165	2317	2723	200
(4.76)	3/16		1450 *	1355 **	1379		1775				200
4.80		12	1450 *	1355 **	1379	1732	1775	2165	2317	2723	200
(4.85)		11	1572	1469	1496		1921				200
4.90			1572 *	1469 **	1496	1848	1921	2326	2517	2927	200
(4.92)		10	1572 **	1469	1496		1921				200
(4.98)		9	1572	1469	1496		1921				200
5.00			1572 *	1469 *	1496 **	1848	1921 **	2326	2517	2927	200
(5.06)		8	1572	1469	1496		1921				100
5.10			1572 *	1469 **	1496	1848	1921	2326	2517	2927	100
(5.11)		7	1572	1469	1496		1921				

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IS 5101 - 1991  
BS 328 (PART 1) 1986

Size		WG / LG	Price Per Ten (Rs.)								MOQ (No)
mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	Addsonic	Addsonic TIN-Coated	M42	M42 TIN-Coated	
(5.16)	13/64		1572 *	1469 *	1496		1921				100
(5.18)		6	1572	1469	1496		1921				100
5.20			1572 *	1469 *	1496	1848	1921	2326	2517	2927	100
(5.22)		5	1678	1583	1611		2078				100
5.30			1678 *	1583	1611	1965	2078	2487	2715	3141	100
(5.31)		4	1678 **	1583	1611		2078				100
5.40			1678 **	1583 **	1611	1965	2078	2487	2715	3141	100
(5.41)		3	1678	1583	1611		2078				100
5.50			1678 *	1583 *	1611 **	1965	2078	2487	2715	3141	100
(5.56)	7/32		1678 *	1583 **	1611		2078				100
5.60			1678	1583	1611	1965	2078	2487	2715	3141	100
(5.61)		2	1886	1780	1811		2339				100
5.70			1886	1780	1811	2167	2339	2744	3059	3485	100
(5.79)		1	1886 **	1780	1811		2339				100
5.80			1886 *	1780	1811	2167	2339	2744	3059	3485	100
5.90			1886 *	1780	1811	2167	2339	2744	3059	3485	100
(5.94)		A	1886	1780	1811		2339				100
(5.95)	15/64		1886	1780	1811		2339				100
6.00			1886 *	1780	1811 **	2167	2339	2744	3059	3485	100
(6.04)		B	2050	1934 *	1969		2548				100
6.10			2050 *	1934	1969	2432	2548	3056	3331	3859	100
(6.15)		C	2050	1934	1969		2548				100
6.20			2050 *	1934 **	1969	2432 **	2548	3056	3331	3859	100
(6.25)		D	2050	1934	1969		2548				100
6.30			2050 *	1934	1969	2432 **	2548	3056	3331	3859	100
(6.35)	1/4	E	2050 *	1934 *	1969		2548				100
6.40			2050 *	1934 **	1969	2432	2548	3056	3331	3859	100
6.50			2621 *	2473 *	2517 **	2985	3247	3430	4239	4802	100
(6.53)		F	2621	2473	2517		3247				100
6.60			2621 **	2473 **	2517	3028	3247	3827	4239	4856	100
(6.63)		G	2621	2473	2517		3247				100
6.70			2621 *	2473 **	2517	3028	3247	3827	4239	4856	100
(6.75)	17/64		2621 *	2473 **	2517		3247				100
(6.75)		H	2621	2473	2517		3247				100
6.80			2621 *	2473 *	2517 **	3028	3247	3827	4239	4856	100
6.90			2873 *	2710 **	2759	3272	3549	4149	4646	5264	100
(6.90)		I	2873	2710	2759		3549				100
7.00			2873 *	2710 *	2759	3272	3549	4149	4646	5264	100
(7.03)		J	2873	2710	2759		3549				100
7.10			2873 *	2710 **	2759	3272	3549	4149	4646	5264	100

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mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	Addsonic	Addsonic TIN-Coated	M42	M42 TIN-Coated	
(7.14)		K	2873	2710	2759		3549				100
(7.14)	9/32		2873*	2710**	2759		3549				100
7.20			2873*	2710	2759	3272	3549	4149	4646	5264	100
7.30			3026*	2855	2906	3420	3749	4353	4907	5532	100
(7.37)		L	3026	2855	2906		3749				100
(7.40)			3026**	2855**	2906	3420	3749**	4353	4907	5532	100
(7.49)		M	3026	2855	2906		3749				100
7.50			3026*	2855**	2906	3420	3749	4353	4907	5532	100
(7.54)	19/64		3279	3093	3149		4061				100
7.60			3279**	3093	3149	3813	4061	4814	5304	6089	100
(7.67)		N	3279	3093	3149		4061				100
7.70			3279	3093**	3149	3813	4061	4814	5304	6089	100
7.80			3279*	3093**	3149	3813	4061	4814	5304	6089	100
7.90			3279**	3093	3149	3813	4061	4814	5304	6089	100
(7.94)	5/16		3597*	3394*	3454		4459				100
8.00			3597*	3394*	3454	4122	4459	5221	5826	6625	100
(8.03)		O	3597	3394	3454		4459				100
8.10			3597*	3394	3454	4122	4459	5221	5826	6625	100
8.20			3597*	3394	3454	4122	4459	5221	5826	6625	100
(8.20)		P	3597	3394	3454		4459				100
8.30			4364*	4117**	4191	4866*	5397	6196	7058	7890	100
(8.33)	21/64		4364*	4117**	4191		5397				100
8.40			4364*	4117**	4191	4866	5397	6196	7058	7890	100
(8.43)		Q	4364	4117	4191		5397				100
8.50			4364*	4117*	4191**	4866	5397	6196	7058	7890	100
8.60			4364*	4117**	4191	5162	5397	6486	7058	8190	100
(8.61)		R	4364	4117	4191		5397				100
8.70			4364*	4117**	4191	5162	5397	6486	7058	8190	100
(8.73)	11/32		4594*	4334	4412		5691				100
8.80			4594*	4334**	4412	5385	5691	6786	7433	8577	100
(8.84)		S	4594	4334	4412		5691				100
8.90			4594**	4334	4412	5385	5691	6786	7433	8577	100
9.00			4594*	4334*	4412	5385	5691	6786	7433	8577	100
(9.09)		T	4793	4521	4602		5940				100
9.10			4793*	4521	4602	5578	5940	7044	7757	8909	100
(9.13)	23/64		4793	4521	4602		5940				100
9.20			4793*	4521	4602	5578	5940	7044	7757	8909	100
9.30			4793**	4521**	4602	5578	5940	7044	7757	8909	100
(9.34)		U	4793	4521*	4602		5940				100
9.40			4793**	4521**	4602	5578	5940	7044	7757	8909	100
9.50			4793*	4521*	4602	5578	5930	7044	7757	8909	100
(9.52)	3/8		5428*	5121**	5212		6735				100
(9.58)		V	5428	5121	5212		6735				100
9.60			5428*	5121**	5212	6342	6735	8009	8791	10120	100
9.70			5428*	5121	5212	6342	6735	8009	8791	10120	100
9.80			5428*	5121**	5212	6342	6735	8009	8791	10120	100
(9.80)		W	5428	5121	5212		6735				100
9.90			6075**	5731	5833	6969	7539	8823	9846	11192	100
(9.92)	25/64		6075**	5731	5833		7539				100

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mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	Addsonic	Addsonic TIN-Coated	M42	M42 TIN-Coated	
10.00			6075 *	5731 *	5833	6969	7528 **	8823	9846	11192	100
(10.08)		X	6075	5731	5833		7539				100
10.10			6075 *	5731 **	5833	7468	7539	9466	9846	11192	100
10.20			6075 *	5731 *	5833 **	7468	7528	9466	9846	11192	100
(10.26)		Y	6591	6218	6329		8165				100
10.30			6591 *	6218	6329	7468	8165	9466	10670	12039	100
(10.32)	13/32		6591 *	6218	6329		8165				100
10.40			6591 *	6218	6329	7468	8165	9466	10670	12039	100
(10.49)		Z	6591	6218	6329		8165				100
10.50			6591 *	6218 *	6329	7468	8165	9466	10670	12039	100
10.60			6591 *	6218	6329	7935	8165	10066	10670	12146	100
10.70			6975 *	6580	6698	7935	8645	10066	11296	12789	50
(10.72)	27/64		6975 **	6580	6698		8645				50
10.80			6975 *	6580	6698	7935	8645	10066	11296	12789	50
10.90			6975 *	6580 **	6698	7935	8645	10066	11296	12789	50
11.00			6975 *	6580 **	6698	7935	8645	10066	11296	12789	50
11.10			7786 **	7345	7476	9136	9648	11631	12602	14129	50
(11.11)	7/16		7786 *	7345 **	7476		9648				50
11.20			7786	7345	7476	9136	9648	11631	12602	14129	50
11.30			7786 **	7345	7476	9136	9648	11631	12602	14129	50
11.40			7786	7345	7476	9136	9648	11631	12602	14129	50
11.50			8214 *	7749 **	7888	9136	10170	11631	13291	14837	50
(11.51)	29/64		8214 **	7749	7888		10170				50
11.60			8214 **	7749	7888	9677	10170	12350	13291	14837	50
11.70			8214 **	7749	7888	9677	10180	12350	13291	14837	50
11.80			8214 *	7749	7888	9677	10180	12350	13291	14837	50
11.90			8773	8277	8425	9677	10868	12350	14199	15770	50
(11.91)	15/32		8773 **	8277	8425		10868				50
12.00			8773 *	8277 *	8425	9677	10858	12350	14199	15770	50
12.10			8773 *	8277	8425	10198	10868	13025	14199	15770	50
12.20			8773 *	8277	8425	10198	10868	13025	14199	15770	50
12.30			9310 **	8783	8940	10198	11527	13025	15055	16659	50
(12.30)	31/64		9310	8783	8940		11527				50
12.40			9310 **	8783	8940	10198	11527	13025	15055	16659	50
12.50			9310 *	8783 *	8940	10198	11527	13025	15055	16659	50
12.60			9310 **	8783	8940	10941	11527	13937	15055	16906	50
(12.70)	1/2		9826 *	9270 *	9436	10941	12163	13937	15902	17764	50
12.80			9826 **	9270 **	9436	10941	12163	13937	15902	17764	50
12.90			9826 **	9270	9436	10941	12163	13937	15902	17764	50
13.00			9826 *	9270 *	9436	10941	12163	13937	15902	17764	50
(13.10)	33/64		12216	11525	11731						20
13.10			12216 **	11525	11731						20

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mm	inch		M2 FFD	M2 Ground	M2 Ground Gold	M2 Ground TIN-Coated	Addsonic	Addsonic TIN-Coated	M42	M42 TIN-Coated	
13.20			12216 **	11525	11731					20	
13.30			12216 **	11525	11731					20	
13.40			12216 **	11525	11731					20	
(13.49)	17/32		13006 **	12270 **	12489					20	
13.50			13006 *	12270 **	12489	14320				20	
13.60			13006	12270	12489					20	
13.70			13006 **	12270	12489					20	
13.80			13006 **	12270	12489					20	
(13.89)	35/64		14113	13315	13552					20	
13.90			14113	13315	13552					20	
14.00			14113 *	13315 **	13552	15393				20	
14.25			14113	13315	13552					20	
(14.29)	9/16		14804 **	13966	14216					20	
14.50			14804 *	13966	14216	16062				20	
(14.68)	37/64		15956	15053	15322					20	
14.75			15956	15053	15322					20	
15.00			15956 *	15053	15322	17178				20	
(15.08)	19/32		15956	15053	15322					20	
15.25			15956	15053	15322					20	
(15.48)	39/64		17294	16315	16606					20	
15.50			17294 **	16315	16606	18665				20	
15.75			17294	16315	16606					20	
(15.87)	5/8		17294	16315	16606					20	
16.00			17294 *	16315	16606	18665				20	
16.50			17853 **	16843	17143	20003				20	
(16.67)	21/32		17853	16843	17143					20	
17.00			18292 **	17257	17565	20417				20	
(17.46)	11/16		18292 **	17257	17565					20	
17.50			19421 **	18322	18649	21724				20	
18.00			19784 *	18664	18997	22074				20	
(18.26)	23/32		19784	18664	18997					20	
18.50			20726 **	19553	19902	22977				20	
19.00			20935 **	19750	20103	23179				20	
(19.05)	3/4		20935	19750	20103					20	
19.50			23545 **	22212	22608	25707				20	
(19.84)	25/32		23545	22212	22608					20	
20.00			25004 *	23588	24010	27120				20	
(20.64)	13/16		25004	23588	24010					20	
(21.43)	27/32		26593	25088	25536					20	
(22.22)	7/8		26593	25088	25536					20	

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

Set Rate :

1 mm to 13 mm in steps of 0.5 mm

25 Pices with Metal Box Rs. 10,354/-

25 Pieces set with Telescopic Box Rs. 9,215/-

1 mm to 13 mm in steps of 1 mm

13 Pieces Set Telescopix Box Rs. 4,854/-



### HSS PARALLEL SHANK TWIST DRILLS

IS 5100 - 1969

### STUB SERIES

BS 328 (PART 1) 1986

Size		M2 Price Per Ten (Rs.)	MOQ (No.)	Size		M2 Price Per Ten (Rs.)	MOQ (No.)	Size		M2 Price Per Ten (Rs.)	MOQ (No.)
mm	inch			mm	inch			mm	inch		
3.00		486 **	200	9.20		4097	100	16.25		13998	50
(3.17)	1/8	569 *	200	9.50		4097	100	16.50		13998	50
3.20		590	200	(9.52)	3/8	4283 **	100	(16.67)	21/32	13998	50
3.50		590	200	9.80		4283	100	16.75		14277	50
(3.57)	9/64	590 **	200	(9.92)	25/64	5245	100	17.00		14277	50
3.80		818	200	10.00		5245 **	100	17.25		14535	50
(3.97)	5/32	818 *	200	10.20		5245	100	(17.46)	11/16	14535	50
4.00		818 **	200	(10.32)	13/32	5638	100	17.50		14535	50
4.20		911	200	10.50		5638	100	17.75		14732	50
(4.37)	11/64	911	200	(10.72)	27/64	6353	50	18.00		14732 **	50
4.50		1211	200	10.80		6353	50	18.25		14991	50
(4.76)	3/16	1211 **	200	11.00		6353	50	(18.26)	23/32	14991	50
4.80		1211 **	200	(11.11)	7/16	6621	50	18.50		14991	50
5.00		1282 *	200	11.20		6621	50	18.75		15260	50
(5.16)	13/64	1282 **	100	11.50		7076	50	19.00		15260	50
5.20		1282	100	(11.51)	29/64	7076	50	(19.05)	3/4	15260	50
5.50		1397	100	11.80		7076	50	19.25		15519	50
(5.56)	7/32	1397 **	100	(11.91)	15/32	7491	50	19.50		15519	50
5.80		1572	100	12.00		7491 *	50	19.75		15519	50
(5.95)	15/64	1572	100	12.20		7491	50	(19.84)	25/32	15519	50
6.00		1572 **	100	(12.3)	31/64	8142	50	20.00		15788 **	50
6.20		1758	100	12.50		8142	50	20.25		16108	50
(6.35)	1/4	1758 **	100	(12.70)	1/2	8318	50	20.50		16108	50
6.50		2163	100	12.80		8318	50	(20.64)	13/16	16108	50
(6.75)	17/64	2163 **	100	13.00		8318	50	20.75		16760	50
6.80		2163 **	100	13.20		9735	50	21.00		16760	50
7.00		2369 **	100	(13.49)	17/32	9735	50	21.25		16967	50
(7.14)	9/32	2369 **	100	13.50		10377	50	(21.43)	27/32	16967	50
7.20		2369	100	13.80		10377	50	21.50		17536	50
7.50		2462	100	14.00		11297	50	21.75		17763	50
(7.54)	19/64	2710	100	14.25		11297	50	22.00		17763	50
7.80		2710	100	(14.29)	9/16	11297	50	(22.22)	7/8	17763	50
7.94	5/16	2979 *	100	14.50		11763	50	22.25		18891	50
8.00		2979 **	100	14.75		12725	50	22.50		18891	50
8.20		2979	100	15.00		12725	50	22.75		19150	50
(8.33)	21/64	3724	100	(15.08)	19/32	12725	50	23.00		19150	50
8.50		3724 **	100	15.25		12725	50	(23.02)	29/32	19150	25
(8.73)	11/32	3880	100	15.50		13770	50	23.25		20257	25
8.80		3880	100	15.75		13770	50	23.50		20257	25
9.00		3880	100	(15.87)	5/8	13770	50	23.75		20257	25
(9.13)	23/64	4097	100	16.00		13770	50	(23.81)	15/16	20257	25

For more details please refer our Drill Catalogue Pages 23 to 26.



**HSS PARALLEL SHANK TWIST DRILLS  
STUB SERIES**

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

Size		M2 Price Per Ten (Rs.)	MOQ (No.)	Size		M2 Price Per Ten (Rs.)	MOQ (No.)	Size		M2 Price Per Ten (Rs.)	MOQ (No.)
mm	inch			mm	inch			mm	inch		
24.00		22409	25	(28.57)	1.1/8	32424	25	(34.13)	1.11/32	52732	10
24.25		22409	25	29.00		34027	25	34.50		52732	10
24.50		22409	25	(29.37)	1.5/32	37462	25	(34.92)	1.3/8	52732	10
(24.61)	31/32	22409	25	29.50		37462	25	35.00		57988	10
24.75		24582	25	30.00		37959	25	35.50		58816	10
25.00		24582	25	(30.16)	1.3/16	37959	25	(35.72)	1.13/32	58816	10
25.25		24706	25	30.50		42718	25	36.00		58816	10
(25.40)	1	24706	25	(30.96)	1.7/32	42718	25	36.50		58816	10
25.50		27881	25	31.00		42718	25	(36.51)	1.7/16	58816	10
26.00		27881	25	31.50		43359	25	37.00		63213	10
(26.19)	1.1/32	28523	25	(31.75)	1.1/4	43359	10	(37.31)	1.15/32	64165	10
26.50		28523	25	32.00		44290	10	37.50		64165	10
(26.99)	1.1/16	28855	25	32.50		45677	10	38.00		64165	10
27.00		30406	25	(32.54)	1.9/32	45677	10	(38.10)	1.1/2	64165	10
27.50		30406	25	33.00		45677	10	38.50		71644	10
(27.78)	1.3/32	32175	25	(33.34)	1.5/16	45677	10	39.00		71644	10
28.00		32175	25	33.50		48046	10	39.50		72886	10
28.50		32424	25	34.00		48046	10	40.00		72886	10

For more details please refer our Drill Catalogue Pages 23 to 26.



**HSS PARALLEL SHANK TWIST DRILLS  
LONG SERIES**

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

Size				Price Per Piece (Rs.)				MOQ (No.)	Size				Price Per Piece (Rs.)				MOQ (No.)
mm	Inch	FL	OAL (mm)	M2	M35	M35 with TIN-Coated	M35 TiAIN Coated		mm	Inch	FL	OAL (mm)	M2	M35	M35 with TIN-Coated	M35 TiAIN Coated	
1.00		33	56	255				50	(5.56)	7/32	91	139	476 **				50
1.10		37	60	255				50	5.80		91	139	519 **				50
(1.19)	3/64	41	65	255				50	(5.95)	15/64	91	139	519				50
1.20		41	65	255				50	6.00		91	139	519 *	647	683	713	50
1.30		41	65	255				50	6.20		97	148	590 **				50
1.40		45	70	255				50	(6.35)	1/4	97	148	538 **	679	726	773	50
1.50		45	70	255 *				50	6.50		97	148	753 **	948	995	1043	50
(1.59)	1/16	50	76	255				50	(6.75)	17/64	102	156	906				50
1.60		50	76	255 **				50	6.80		102	156	906 **				50
1.70		50	76	255				50	7.00		102	156	906 *	1144	1223	1301	50
1.80		53	80	255				50	(7.14)	9/32	102	156	906				50
1.90		53	80	255 **				50	7.20		102	156	906				50
(1.98)	5/64	56	85	255				50	7.50		102	156	906 **	1144	1223	1301	50
2.00		56	85	255 *				50	(7.54)	19/64	109	165	906				50
2.10		56	85	255 **				50	7.80		109	165	906 **				50
2.20		59	90	255 **				50	(7.94)	5/16	109	165	934	1178	1264	1350	50
2.30		59	90	324 **				50	8.00		109	165	934 *	1178	1264	1350	50
(2.38)	3/32	62	95	324				50	8.20		109	165	934 **				50
2.40		62	95	324 **				50	(8.33)	21/64	109	165	934				50
2.50		62	95	324 *				50	8.50		109	165	942 *	1177 *	1273	1360	50
2.60		62	95	324 *				50	(8.73)	11/32	115	175	989				50
2.70		66	100	324 **				50	8.80		115	175	1196				50
(2.78)	7/64	66	100	324				50	9.00		115	175	1039 *	1312	1397	1483	50
2.80		66	100	324				50	(9.13)	23/64	115	175	1175				50
2.90		66	100	324				50	9.20		115	175	1196				50
3.00		66	100	327 *	409	439	465	50	9.50		115	175	1039 **	1312	1397	1483	50
(3.17)	1/8	69	106	327 **	412	439	465	50	(9.52)	3/8	121	184	1039	1312	1397	1483	25
3.20		69	106	327 **				50	9.80		121	184	1202 **				25
3.50		73	112	327 *	412	439	465	50	(9.92)	25/64	121	184	1202				25
(3.57)	9/64	73	112	327				50	10.00		121	184	1089 **	1373	1487	1604	25
3.80		78	119	352				50	10.20		121	184	1202 **				25
(3.97)	5/32	78	119	352				50	(10.32)	13/32	121	184	1089				25
4.00		78	119	352 *	444	469	497	50	10.50		121	184	1306 **	1648	1763	1877	25
4.20		78	119	352 **				50	(10.72)	27/64	128	195	1484				25
(4.37)	11/64	82	126	352				50	10.8		128	195	1484				25
4.50		82	126	352 **	444	469	497	50	11.0		128	195	1366 **	1724	1839	1954	25
(4.76)	3/16	87	132	352 **	444	469	497	50	(11.11)	7/16	128	195	1366	1724	1839	1954	25
4.80		87	132	352				50	11.2		128	195	1588				25
5.00		87	132	414 *	523	553	582	50	11.5		128	195	1406	1773	1888	2004	25
(5.16)	13/64	87	132	414				50	(11.51)	29/64	128	195	1588				25
5.20		87	132	414 **				50	11.8		128	195	1588				25
5.50		91	139	476 **	600	629	660	50	(11.91)	15/32	134	205	1406				25

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



**HSS PARALLEL SHANK TWIST DRILLS  
LONG SERIES**

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

Size				Price Per Piece (Rs.)				MOQ (No.)	Size				Price Per Piece (Rs.)				MOQ (No.)
mm	Inch	FL	OAL (mm)	M2	M35	M35 with TIN-Coated	M35 TiAIN Coated		mm	Inch	FL	OAL (mm)	M2	M35	M35 with TIN-Coated	M35 TiAIN Coated	
12.0		134	205	1448 **	1827	1948	2069	25	(18.65)	47/64	162	247	2941				25
12.2		134	205	1615				25	18.75		162	247	2971				25
(12.30)	31/64	134	205	1615				25	19.0		162	247	2971	3749	3996	4243	25
12.5		134	205	1448	1827	1948	2069	25	(19.05)	3/4	166	254	2971	3749	3996	4243	25
(12.70)	1/2	134	205	1448	1827	1948	2069	25	19.25		166	254	3140				25
12.8		134	205	2218				25	(19.45)	49/64	166	254	3431				25
13.0		134	205	2012 **	2536	2657	2778	25	19.5		166	254	3140	3961	4239	4516	25
(13.10)	33/64	134	205	2234				25	19.75		166	254	3140				25
13.2		134	205	2234				25	(19.84)	25/32	166	254	3140				25
(13.49)	17/32	140	214	2050				25	20.0		166	254	3332	4204	4481	4758	25
13.5		140	214	2234	2819 *	3004	3191	25	(20.24)	51/64	171	261	3538				25
13.8		140	214	2433				25	20.25		171	261	3332				25
(13.89)	35/64	140	214	2433				25	20.5		171	261	3332	4204	4481	4758	25
14.0		140	214	2234	2819	3004	3191	25	(20.64)	13/16	171	261	3332	4204	4481	4758	25
14.25		144	220	2234				25	20.75		171	261	3431				25
(14.29)	9/16	144	220	2234	2819	3004	3191	25	21.0		171	261	3431	4328	4640	4952	25
14.5		144	220	2342	2955	3157	3361	25	(21.03)	53/64	171	261	3754				25
(14.68)	37/64	144	220	2578				25	21.25		176	268	3538				25
14.75		144	220	2342				25	(21.43)	27/32	176	268	3538				25
15.0		144	220	2342	2955	3157	3361	25	21.5		176	268	3754	4735	5048	5361	25
(15.08)	19/32	149	227	2342				25	21.75		176	268	3754				25
15.25		149	227	2433				25	(21.83)	55/64	176	268	4014				25
(15.48)	39/64	149	227	2657				25	22.0		176	268	3754	4735	5048	5361	25
15.5		149	227	2433	3069	3272	3474	25	(22.22)	7/8	176	268	3754	4735	5048	5361	25
15.75		149	227	2433				25	22.25		176	268	4063				25
(15.87)	5/8	149	227	2433	3069	3272	3474	25	22.5		180	275	4063	5126	5509	5892	25
16.0		149	227	2472	3118	3320	3524	25	(22.62)	57/64	180	275	4341				25
16.25		154	235	2472				25	22.75		180	275	4156				25
(16.27)	41/64	154	235	2748				25	23.0		180	275	4156	5244	5626	6010	25
16.5		154	235	2517	3175	3390	3605	25	(23.02)	29/32	180	275	4156				25
(16.67)	21/32	154	235	2517				25	23.25		180	275	4212				25
16.75		154	235	2578				25	(23.42)	59/64	180	275	4963				25
17.0		154	235	2578	3252	3466	3681	25	23.5		180	275	4610	5815	6198	6582	25
(17.07)	43/64	158	241	2801				25	23.75		185	282	4610				25
17.25		158	241	2578				25	(23.81)	15/16	185	282	4610	5815	6248	6682	25
(17.46)	11/16	158	241	2578	3252	3466	3681	25	24.0		185	282	4806	6063	6495	6928	25
17.5		158	241	2748	3468	3681	3896	25	(24.21)	61/64	185	282	5245				25
17.75		158	241	2748				25	24.25		185	282	4806				25
(17.86)	45/64	158	241	3040				25	24.5		185	282	4806	6063	6495	6928	25
18.0		158	241	2801	3535	3750	3965	25	(24.61)	31/32	185	282	4806				25
18.25		162	247	2801				25	24.75		185	282	5152				25
(18.26)	23/32	162	247	2801				25	25.0	63/64	185	282	5152	6499	6933	7366	25
18.5		162	247	2918	3680	3929	4176	25	(25.40)	1	190	290	5219	6584	7192	7799	25

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



**HSS PARALLEL SHANK TWIST DRILLS  
EXTRA LONG**

**FL and OAL as per Addison Standard  
All other specifications as per IS 7823 - 2005**

Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimeter							
mm	inch	150	175	200	225	250	300	350	
3	1/8	941 **	1152	1304	1551	1828	2281		50
3.5		916 **	1067	1374	1708	2055	2622		50
4	5/32	916 **	1067	1374 **	1708	2055	2622	3615	50
4.5		940	1152	1374	1708	2055	2699	3615	50
5	3/16	939 *	1199 **	1488 **	1827	2158 **	2860 **	3793	50
5.5	7/32	1027	1282	1723	1948	2298	3040	3954	25
6		1027 **	1338	1636 *	1982	2377 *	3113 **	4103 **	25
6.5	1/4	–		1676	–	2423	3261	4104	25
7		–		1859 **	–	2666	3685 **	4607	25
7.5	9/32	–		1893	–	2830 **	3754	4607	25
8	5/16	–		1985 *	–	2950 *	3846 *	4714 **	25
8.5	11/32	–		2049 *	–	3011 **	3916 **	5036	25
9		–		2049 **	–	3011 **	3917	5036	25
9.5	3/8	–		2158	–	3030	4002	5197	25
10		–		2246 **	–	3113 **	4180 **	5431	25
10.5	13/32	–		2324	–	3325	4338	5711	25
11		–		–	–	3441	4470	5892	25
11.5	7/16	–		–	–	3441	4470	5892	25
12	15/32	–		–	–	3612 **	4740 **	6046	25
12.5	1/2	–		–	–	3724	4893	6448	25

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



### HSS TAPER SHANK TWIST DRILLS

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

Size		Shank	Price Per Piece (Rs.)					MOQ (No.)
mm	inch		M2	M35	M42	M2 With Crank Shaft Design	M35 With Crank Shaft Design	
3.00		MT1	417 **			562	843	100
(3.17)	1/8	MT1	417			588	882	100
3.20		MT1	435			588	882	100
3.50		MT1	417			562	843	100
(3.57)	9/64	MT1	435			588	882	100
3.80		MT1	435			588	882	100
(3.97)	5/32	MT1	417			562	843	100
4.00		MT1	417			562	843	100
4.20		MT1	561 **			757	1134	100
(4.37)	11/64	MT1	561			757	1134	100
4.50		MT1	561 **			757	1134	100
(4.76)	3/16	MT1	561			779	1167	100
4.80		MT1	577			779	1167	100
5.00		MT1	561 *			757	1134	100
(5.16)	13/64	MT1	577			779	1167	100
5.20		MT1	577 **			779	1167	100
5.50		MT1	561 **			757	1134	100
(5.56)	7/32	MT1	561			779	1167	100
5.80		MT1	577			779	1167	100
(5.95)	15/64	MT1	577			779	1167	100
6.00		MT1	561 **			757	1134	100
6.20		MT1	646			873	1308	100
(6.35)	1/4	MT1	639			941	1411	100
6.50		MT1	697			941	1411	100
(6.75)	17/64	MT1	705 **			952	1431	100
6.80		MT1	705 *			952	1431	100
7.00		MT1	697			941	1411	100
(7.14)	9/32	MT1	697 **			952	1431	100
7.20		MT1	705			952	1431	100
7.50		MT1	697 **			941	1411	100
(7.54)	19/64	MT1	705			952	1431	100
7.80		MT1	705			952	1431	100
(7.94)	5/16	MT1	697			941	1411	100
8.00		MT1	697 *			941	1411	100
8.20		MT1	851 **			1149	1724	100
(8.33)	21/64	MT1	896			1050	1573	100
8.50		MT1	777 *			1050	1573	100
(8.73)	11/32	MT1	851			1263	1894	100

For more details please refer our Drill Catalogue Pages 34 to 39.



## HSS TAPER SHANK TWIST DRILLS

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

Size		Shank	Price Per Piece (Rs.)					MOQ (No.)
mm	inch		M2	M35	M42	M2 With Crank Shaft Design	M35 With Crank Shaft Design	
8.80		MT1	936 **			1263	1894	100
9.00		MT1	851 **			1149	1724	100
(9.13)	23/64	MT1	936			1263	1894	100
9.20		MT1	936 **			1263	1894	100
9.50		MT1	851 **			1149	1724	100
(9.52)	3/8	MT1	851			1149	1724	100
9.80		MT1	1004 **			1355	2032	100
(9.92)	25/64	MT1	1004			1226	1840	100
10.00		MT1	885 *	1105	1327	1194	1792	50
10.20		MT1	993 *			1342	2014	50
(10.32)	13/32	MT1	961 **			1592	2387	50
10.50		MT1	1178 *	1473	1767	1592	2387	50
(10.72)	27/64	MT1	1222			1649	2473	50
10.80		MT1	1222 **			1649	2473	50
11.00		MT1	1222 *	1527	1832	1649	2473	50
(11.11)	7/16	MT1	1222 **	1527	1832	1704	2556	50
11.20		MT1	1262			1704	2556	50
11.50		MT1	1262 *	1578	1893	1704	2556	50
(11.51)	29/64	MT1	1262			1704	2556	50
11.80		MT1	1262			1704	2556	50
(11.91)	15/32	MT1	1262 **			1721	2560	50
12.00		MT1	1275 *	1594	1913	1721	2582	50
12.20		MT1	1275 **			1721	2582	50
(12.30)	31/64	MT1	1275 **			1721	2582	50
12.50		MT1	1275 *	1594	1913	1721	2582	50
(12.70)	1/2	MT1	1275 *	1594	1913	2392	3587	50
12.80		MT1	1772			2392	3587	50
13.00		MT1	1772 *	2214	2657	2392	3587	50
(13.10)	33/64	MT1	1849 **			2496	3745	50
13.20		MT1	1849 **			2496	3745	50
(13.49)	17/32	MT1	1849 *			2673	4012	50
13.50		MT1	1980 *	2476	2971	2673	4012	50
13.80		MT1	1980 *			2673	4012	50
(13.89)	35/64	MT1	1980 **			2673	4012	50
14.00		MT1	1980 *	2476 **	2971	2673	4012	50
14.25		MT2	2128 *			2872	4310	50
(14.29)	9/16	MT2	2128 *	2660	3192	2872	4310	50
14.50		MT2	2212 *			2986	4479	50

For more details please refer our Drill Catalogue Pages 34 to 39.



**HSS TAPER SHANK TWIST DRILLS**

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

Size		Shank	Price Per Piece (Rs.)					MOQ (No.)
mm	inch		M2	M35	M42	M2 With Crank Shaft Design	M35 With Crank Shaft Design	
(14.68)	37/64	MT2	2212			2986	4479	50
14.75		MT2	2212 *			2986	4479	50
15.00		MT2	2212 **	2765	3319	2986	4479	50
(15.08)	19/32	MT2	2212 *			2986	4479	50
15.25		MT2	2242 *			3027	4542	50
(15.48)	39/64	MT2	2242			3027	4542	50
15.50		MT2	2242 *	2803	3364	3027	4542	50
15.75		MT2	2242 **			3027	4542	50
(15.87)	5/8	MT2	2242 *	2803	3364	3118	4677	50
16.00		MT2	2309 *	2887	3465	3118	4677	50
16.25		MT2	2309 *			3118	4677	50
(16.27)	41/64	MT2	2309 **			3118	4677	50
16.50		MT2	2454 *	3067	3680	3312	4968	50
(16.67)	21/32	MT2	2454 **			3312	4968	50
16.75		MT2	2454 **			3312	4968	50
17.00		MT2	2454 *	3067	3680	3312	4968	50
(17.07)	43/64	MT2	2494			3312	4968	50
17.25		MT2	2494 *			3367	5050	50
(17.46)	11/16	MT2	2494 *	3118	3741	3493	5242	50
17.5		MT2	2588 *	3236	3883	3493	5242	50
17.75		MT2	2625 **			3545	5318	50
(17.86)	45/64	MT2	2727			3683	5523	50
18.00		MT2	2727 *	3410	4091	3683	5523	50
18.25		MT2	2727 *			3683	5523	50
(18.26)	23/32	MT2	2727 **			3683	5523	50
18.50		MT2	2727 *	3410	4091	3683	5523	50
(18.65)	47/64	MT2	2761 **			3726	5590	50
18.75		MT2	2761 **			3726	5590	50
19.00		MT2	2761 *	3451	4141	3726	5590	50
(19.05)	3/4	MT2	2761 *	3451	4141	3726	5590	50
19.25		MT2	2900 *			3916	5872	50
(19.45)	49/64	MT2	2900			3916	5872	50
19.50		MT2	2900 *	3625	4350	3916	5872	50
19.75		MT2	2900 **			3916	5872	50
(19.84)	25/32	MT2	2900			4209	6313	50
20.00		MT2	3118 *	3898	4676	4209	6313	50

For more details please refer our Drill Catalogue Pages 34 to 39.



## HSS TAPER SHANK TWIST DRILLS

IS 5103 - 1969  
BS 328 (PART 1) 1986

Size		Shank	Price Per Piece (Rs.)			MOQ (No.)
mm	inch		M2	M35	M42	
(20.24)	51/64	MT2	3155			25
20.25		MT2	3155 *			25
20.50		MT2	3155 *	3944	4733	25
(20.64)	13/16	MT2	3155 **	3944	4733	25
20.75		MT2	3291 **			25
21.00		MT2	3291 *	4114	4936	25
(21.03)	53/64	MT2	3373			25
21.25		MT2	3373 **			25
(21.43)	27/32	MT2	3373 **			25
21.50		MT2	3478 *	4347	5216	25
21.75		MT2	3478			25
(21.83)	55/64	MT2	3541			25
22.00		MT2	3541 *	4426	5311	25
(22.22)	7/8	MT2	3541 *	4426	5311	25
22.25		MT2	3858			25
22.50		MT2	3858 *	4824	5788	25
(22.62)	57/64	MT2	3933			25
22.75		MT2	3933			25
23.00		MT2	3933 *	4917	5900	25
(23.02)	29/32	MT3	4126			25
23.25		MT3	4567 **			25
(23.42)	59/64	MT3	4684			25
23.50		MT3	4684	5854	7025	25
23.75		MT3	4684			25
(23.81)	15/16	MT3	4684	5854	7025	25
24.00		MT3	4822 *	6027	7232	25
(24.21)	61/64	MT3	4903			25
24.25		MT3	4903 **			25
24.50		MT3	4903 *	6129	7354	25
(24.61)	31/32	MT3	4903			25
24.75		MT3	5123 **			25
25.00		MT3	5123 *	6403	7684	25
(25.00)	63/64	MT3	5123			25
25.25		MT3	5191			25
(25.40)	1	MT3	5191 *	6489	7786	25
25.50		MT3	5643 *	7053	8464	25
25.75		MT3	5643			25
(25.80)	1.1/64	MT3	5704			25
26.00		MT3	5704 *	7130	8556	25
(26.19)	1.1/32	MT3	5704			25
26.25		MT3	6477 **			25
26.50		MT3	6477 *	8097	9716	25
(26.59)	1.3/64	MT3	6627			25
26.75		MT3	6627			25
(26.99)	1.1/16	MT3	6627	8284	9940	25
27.00		MT3	6843 *	8554	10265	25
27.25		MT3	6843			25

For more details please refer our Drill Catalogue Pages 34 to 39.



### HSS TAPER SHANK TWIST DRILLS

IS 5103 - 1969  
BS 328 (PART 1) 1986

Size		Shank	Price Per Piece (Rs.)			MOQ (No.)
mm	inch		M2	M35	M42	
(27.38)	1.5/64	MT3	6866			25
27.50		MT3	6866 *	8583	10300	25
27.75		MT3	6866 **			25
(27.78)	1.3/32	MT3	6866			25
28.00		MT3	7507*	9384	11261	25
(28.18)	1.7/64	MT3	7529 *			25
28.25		MT3	7529			25
28.50		MT3	7529 *	9411	11293	25
(28.57)	1.1/8	MT3	7529 **	9411	11293	25
28.75		MT3	7757			25
(28.97)	1.9/64	MT3	7883			25
29.00		MT3	7883 *	9854	11826	25
29.25		MT3	7883			25
(29.37)	1.5/32	MT3	7883			25
29.50		MT3	7914	9852	11871	25
29.75		MT3	7914			25
(29.77)	1.11/64	MT3	8079			25
30.00		MT3	8079 *	10098	12118	25
(30.16)	1.3/16	MT3	8531 **	10665	12798	25
30.25		MT3	9187			25
30.50		MT3	9187 *	11484	13781	25
(30.56)	1.13/64	MT3	9335			25
30.75		MT3	9335			25
(30.96)	1.7/32	MT3	9335			25
31.00		MT3	10389 *	12986	15583	25
31.25		MT3	10389			25
(31.35)	1.15/64	MT3	10843			25
31.50		MT3	10843 *	13553	16263	25
(31.75)	1.1/4	MT3	10843 *	13553	16263	25
31.75		MT3	10843 *			25
32.00		MT4	11871 *			25
(32.15)	1.17/64	MT4	11871			25
32.50		MT4	11871 *			25
(32.54)	1.9/32	MT4	11871			25
(32.94)	1.19/64	MT4	12155			25
33.00		MT4	12155 *			25
(33.34)	1.5/16	MT4	12155 **			25
33.50		MT4	12572 **			25
(33.73)	1.21/64	MT4	12808			25
34.00		MT4	12808 *			25
(34.13)	1.11/32	MT4	13352			25
34.50		MT4	14029 **			25
(34.53)	1.23/64	MT4	14157			25
(34.92)	1.3/8	MT4	14157			25
35.00		MT4	14157 *			25
(35.32)	1.25/64	MT4	15005			25
35.50		MT4	15005 **			25

For more details please refer our Drill Catalogue Pages 34 to 39.



### HSS TAPER SHANK TWIST DRILLS

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

Size		Shank	Price Per Piece (Rs.) M2	MOQ (No.)	Size		Shank	Price Per Piece (Rs.) M2	MOQ (No.)
mm	inch				mm	inch			
(35.72)	1.13/32	MT4	15005	15	(46.83)	1.27/32	MT4	26199	10
36.00		MT4	15225 *	15	47.00		MT4	26199 **	10
(36.12)	1.27/64	MT4	15538	10	(47.23)	1.55/64	MT4	26746	10
36.50		MT4	15538 **	10	47.50		MT4	26746	10
(36.51)	1.7/16	MT4	15538	10	(47.62)	1.7/8	MT4	26746	10
(36.91)	1.29/64	MT4	15538	10	48.00		MT4	29165 *	10
37.00		MT4	15922 *	10	(48.02)	1.57/64	MT4	29165	10
(37.31)	1.15/32	MT4	15922	10	(48.42)	1.29/32	MT4	29165	10
37.50		MT4	16956 **	10	48.50		MT4	29380	10
(37.70)	1.31/64	MT4	17222	10	(48.82)	1.59/64	MT4	29380	10
38.00		MT4	17222 *	10	49.00		MT4	29380 **	10
(38.10)	1.1/2	MT4	17222	10	(49.21)	1.15/16	MT4	29380	10
(38.50)	1.33/64	MT4	17758	10	49.50		MT4	29695 **	10
38.50		MT4	17758	10	(49.61)	1.61/64	MT4	29695	10
(38.89)	1.17/32	MT4	17758	10	50.00		MT4	29695 *	10
39.00		MT4	18806*	10	(50.01)	1.31/32	MT4	29930	10
(39.29)	1.35/64	MT4	18806	10	(50.40)	1.63/64	MT4	31274	10
39.50		MT4	18806	10	50.50		MT4	31274	10
(39.69)	1.9/16	MT4	18806	10	(50.80)	2	MT4	31274 **	10
40.00		MT4	19291 *	10	51.00		MT5	42461 **	5
(40.08)	1.37/64	MT4	19609	10	51.50		MT5	42461**	5
(40.48)	1.19/32	MT4	19609	10	(51.59)	2.1/32	MT5	42461	5
40.50		MT4	20393	10	52.00		MT5	42461 *	5
(40.88)	1.39/64	MT4	20393	10	(52.39)	2.1/16	MT5	42461	5
41.00		MT4	20393 *	10	52.50		MT5	55263	5
(41.27)	1.5/8	MT4	20393 **	10	53.00		MT5	55263	5
41.50		MT4	21194	10	(53.18)	2.3/32	MT5	55263	5
(41.67)	1.41/64	MT4	21194	10	53.50		MT5	55263	5
42.00		MT4	21194 *	10	(53.97)	2.1/8	MT5	55263	5
(42.07)	1.21/32	MT4	21194	10	54.00		MT5	55263 **	5
(42.47)	1.43/64	MT4	21735	10	54.50		MT5	58053	5
42.50		MT4	21735 **	10	(54.77)	2.5/32	MT5	58053	5
(42.86)	1.11/16	MT4	22001	10	55.00		MT5	58053 *	5
43.00		MT4	22519 **	10	55.50		MT5	58053	5
(43.26)	1.45/64	MT4	22519	10	(55.56)	2.3/16	MT5	58053	5
43.50		MT4	22519 **	10	56.00		MT5	60493 **	5
(43.66)	1.23/32	MT4	22519	10	(56.36)	2.7/32	MT5	60493	5
44.00		MT4	23314 *	10	56.50		MT5	60493 **	5
(44.05)	1.47/64	MT4	23314	10	57.00		MT5	60493 **	5
(44.45)	1.3/4	MT4	23314	10	(57.15)	2.1/4	MT5	60493	5
44.50		MT4	23314	10	57.50		MT5	66018	5
(44.85)	1.49/64	MT4	23860	10	(57.94)	2.9/32	MT5	66018	5
45.00		MT4	23860 *	10	58.00		MT5	66018 **	5
(45.24)	1.25/32	MT4	23860	10	58.50		MT5	66018	5
45.50		MT4	24941	10	(58.74)	2.5/16	MT5	66018	5
(45.64)	1.51/64	MT4	24941	10	59.00		MT5	67279	5
46.00		MT4	24941	10	59.50		MT5	67279	5
(46.04)	1.13/16	MT4	24941	10	(59.53)	2.11/32	MT5	67279	5
(46.43)	1.53/64	MT4	26199	10	60.00		MT5	67279	5
46.50		MT4	26199	10	(60.32)	2.3/8	MT5	67279 *	5

For more details please refer our Drill Catalogue Pages 34 to 39.



### HSS TAPER SHANK TWIST DRILLS

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

Size		Shank	M2 Price Per Piece (Rs.)	MOQ (No.)	Size		Shank	M2 Price Per Piece (Rs.)	MOQ (No.)
mm	inch				mm	inch			
60.50		MT5	71512	5	(76.99)	3.1/32	MT6	156389	2
61.00		MT5	71512 **	5	77.00		MT6	156389	2
(61.12)	2.13/32	MT5	71512	5	(77.79)	3.1/16	MT6	156389	2
61.50		MT5	71512	5	78.00		MT6	156389	2
(61.91)	2.7/16	MT5	71512	5	(78.58)	3.3/32	MT6	159507	2
62.00		MT5	71512 **	5	79.00		MT6	159507	2
62.50		MT5	71512	5	(79.37)	3.1/8	MT6	163741	2
(62.71)	2.15/32	MT5	72716	5	80.00		MT6	163741	2
63.00		MT5	72716 **	5	(80.17)	3.5/32	MT6	175136	2
(63.50)	2.1/2	MT5	72716 **	5	(80.96)	3.3/16	MT6	175136	2
64.00		MT5	80369	5	81.00		MT6	175136	2
(64.29)	2.17/32	MT5	80369	5	(81.76)	3.7/32	MT6	179689	2
64.50		MT5	80369	5	82.00		MT6	179689	2
65.00		MT5	80369 **	5	(82.55)	3.1/4	MT6	179689	2
(65.09)	2.9/16	MT5	80369	5	83.00		MT6	183400	2
65.50		MT5	80967	5	(83.34)	3.9/32	MT6	183400	2
(65.88)	2.19/32	MT5	80967	5	84.00		MT6	183400	2
66.00		MT5	80967	5	(84.14)	3.5/16	MT6	186449	2
66.50		MT5	80967	5	(84.93)	3.11/32	MT6	186449	2
(66.67)	2.5/8	MT5	80967 **	5	85.00		MT6	186449	2
67.00		MT5	82941	5	(85.72)	3.3/8	MT6	212674	2
(67.47)	2.21/32	MT5	89033	3	86.00		MT6	212674	2
67.50		MT5	89033	3	(86.52)	3.13/32	MT6	212674	2
68.00		MT5	89033	3	87.00		MT6	212674	2
(68.26)	2.11/16	MT5	89033	3	(87.31)	3.7/16	MT6	217120	2
68.50		MT5	95514	3	88.00		MT6	217120	2
69.00		MT5	96504	3	(88.11)	3.15/32	MT6	217120	2
(69.05)	2.23/32	MT5	96504	3	(88.90)	3.1/2	MT6	217120	2
69.50		MT5	96504	3	89.00		MT6	217120	2
(69.85)	2.3/4	MT5	96504	3	90.00		MT6	221548	2
70.00		MT5	96504 *	3	(90.49)	3.9/16	MT6	229811	2
70.50		MT5	102961	3	91.00		MT6	229811	2
(70.64)	2.25/32	MT5	104081	3	92.00		MT6	229811	2
71.00		MT5	104081	3	(92.07)	3.5/8	MT6	237314	2
(71.44)	2.13/16	MT5	104081	3	93.00		MT6	237314	2
71.50		MT5	104081	3	(93.66)	3.11/16	MT6	246289	2
72.00		MT5	106093	3	94.00		MT6	246289	2
(72.23)	2.27/32	MT5	106093	3	95.00		MT6	246289	2
72.50		MT5	106093	3	(95.25)	3.3/4	MT6	246289	2
73.00		MT5	106093	3	96.00		MT6	254536	2
(73.02)	2.7/8	MT5	106093	3	(96.84)	3.13/16	MT6	254536	2
73.50		MT5	111729	3	97.00		MT6	254536	2
(73.82)	2.29/32	MT5	112910	3	98.00		MT6	259038	2
74.00		MT5	112910 **	3	(98.42)	3.7/8	MT6	262736	2
74.50		MT5	112910	3	99.00		MT6	262736	2
(74.61)	2.15/16	MT5	112910	3	100.00		MT6	262736	2
75.00		MT5	114315 **	3	(100.01)	3.15/16	MT6	267236	2
(75.41)	2.31/32	MT5	114315	3	101.00		MT6	266190	2
75.50		MT5	114315	3	(101.60)	4	MT6	267236	2
76.00		MT5	114315	3	102.00		MT6	267236	2
(76.20)	3	MT5	114315	3					

For more details please refer our Drill Catalogue Pages 34 to 39.



**HSS TAPER SHANK TWIST DRILLS  
LONG SERIES**

**IS 8305 - 1976  
(Type N)**

mm	Inch	FL (mm)	OAL (mm)	Shank	M2 Price Per Piece (Rs.)	MOQ (No.)	mm	Inch	FL (mm)	OAL (mm)	Shank	M2 Price Per Piece (Rs.)	MOQ (No.)
5	(3/16)	74	155	MT1	1234	25	14		142	223	MT1	3593 **	25
5.2		74	155	MT1	1234	25	14.25		147	245	MT2	4484	25
5.5	(7/32)	80	161	MT1	1374	25	14.5	(9/16)	147	245	MT2	4484	25
5.8		80	161	MT1	1374	25	14.75		147	245	MT2	4583	25
6		80	161	MT1	1374	25	15		147	245	MT2	4583	25
6.2		86	167	MT1	1530	25	15.25		153	251	MT2	4689	25
6.5	(1/4)	86	167	MT1	1530	25	15.5		153	251	MT2	4689	25
6.8		93	174	MT1	1650	25	15.75		153	251	MT2	4808	25
7		93	174	MT1	1650	25	16	(5/8)	153	251	MT2	4808	25
7.2		93	174	MT1	1704	25	16.25		159	257	MT2	4893 **	25
7.5		93	174	MT1	1704	25	16.5		159	257	MT2	4893	25
7.8		100	181	MT1	1800	25	16.75		159	257	MT2	4997	25
8	(5/16)	100	181	MT1	1800 **	25	17		159	257	MT2	4997	25
8.2		100	181	MT1	1838	25	17.25		165	263	MT2	5426	25
8.5		100	181	MT1	1838 **	25	17.5	(11/16)	165	263	MT2	5426	25
8.8		107	188	MT1	1991	25	17.75		165	263	MT2	5439	25
9		107	188	MT1	1991 **	25	18		165	263	MT2	5439 **	25
9.2		107	188	MT1	2040	25	18.25		171	269	MT2	5525	25
9.5	(3/8)	107	188	MT1	2040	25	18.5		171	269	MT2	5525	25
9.8		116	197	MT1	2315	25	18.75		171	269	MT2	5613	25
10		116	197	MT1	2315 **	25	19	(3/4)	171	269	MT2	5613	25
10.2		116	197	MT1	2381	25	19.25		177	275	MT2	5767	25
10.5		116	197	MT1	2381 **	25	19.5		177	275	MT2	5767	25
10.8		125	206	MT1	2433	25	19.75		177	275	MT2	5863	25
11		125	206	MT1	2433	25	20		177	275	MT2	5863	25
11.2		125	206	MT1	2522	25	20.25		184	282	MT2	5961	25
11.5	(7/16)	125	206	MT1	2522	25	20.5		184	282	MT2	5961	25
11.8		125	206	MT1	2522	25	20.75		184	282	MT2	6070	25
12		134	215	MT1	2992	25	21	(13/16)	184	282	MT2	6070	25
12.2		134	215	MT1	3153	25	21.25		191	289	MT2	7052	25
12.5	(1/2)	134	215	MT1	3153	25	21.5		191	289	MT2	7052	25
12.8		134	215	MT1	3153	25	21.75		191	289	MT2	7193	25
13		134	215	MT1	3153	25	22		191	289	MT2	7193	25
13.2		134	215	MT1	3153	25	22.25		191	289	MT2	7682	25
13.5		142	223	MT1	3454	25	22.5	(7/8)	198	296	MT2	7682	25
13.8		142	223	MT1	3593	25	22.75		198	296	MT2	8051	25

For more details please refer our Drill Catalogue Pages 42 to 44.



**HSS TAPER SHANK TWIST DRILLS  
LONG SERIES**

**IS 8305 - 1976  
(Type N)**

mm	Inch	FL (mm)	OAL (mm)	Shank	M2 Price Per Piece (Rs.)	MOQ (No.)	mm	Inch	FL (mm)	OAL (mm)	Shank	M2 Price Per Piece (Rs.)	MOQ (No.)
23		198	296	MT2	8051	25	32.5		248	397	MT4	20769	10
23.25		198	319	MT3	9836	25	33	(1.5/16)	248	397	MT4	20769	10
23.5		198	319	MT3	9836	25	33.5		248	397	MT4	21674	10
23.75		206	327	MT3	9836	25	34		257	406	MT4	21674	10
24	(15/16)	206	327	MT3	9836	25	34.5		257	406	MT4	22621	10
24.25		206	327	MT3	10266	25	35	(1.3/8)	257	406	MT4	22621	10
24.5		206	327	MT3	10266	25	35.5		257	406	MT4	22621	10
24.75		206	327	MT3	10640	25	36		267	416	MT4	24789	10
25		206	327	MT3	10640 **	25	36.5		267	416	MT4	25716	10
25.25		214	335	MT3	10640	25	37	(1.7/16)	267	416	MT4	25716	10
25.5	(1)	214	335	MT3	10640	25	37.5		267	416	MT4	27849	10
25.75		214	335	MT3	11066	25	38	(1.1/2)	277	426	MT4	27849	10
26		214	335	MT3	11066 **	25	38.5		277	426	MT4	28764	10
26.25		214	335	MT3	11386	25	39		277	426	MT4	28764	10
26.5		214	335	MT3	11386 **	25	39.5		277	426	MT4	29903	10
26.75		222	343	MT3	13493	25	40		277	426	MT4	29903	10
27	(1.1/16)	222	343	MT3	13493	25	40.5		287	436	MT4	29903	10
27.25		222	343	MT3	13924	25	41	(1.5/8)	287	436	MT4	29903	10
27.5		222	343	MT3	13924	25	41.5		287	436	MT4	31432	10
27.75		222	343	MT3	14352	25	42		287	436	MT4	31432	10
28		222	343	MT3	14352	25	42.5		287	436	MT4	33254	10
28.25		230	351	MT3	14814	25	43		298	447	MT4	35724	10
28.5	(1.1/8)	230	351	MT3	14814	25	43.5		298	447	MT4	37659	10
28.75		230	351	MT3	15230	25	44		298	447	MT4	37659	10
29		230	351	MT3	15230	25	44.5		298	447	MT4	39208	10
29.25		230	351	MT3	15651	25	45	(1.3/4)	298	447	MT4	39208	10
29.5		230	351	MT3	15651	25	45.5		310	459	MT4	41338	10
29.75		230	351	MT3	16094	25	46	(1.13/16)	310	459	MT4	41338	10
30	(1.3/16)	230	351	MT3	16094	25	46.5		310	459	MT4	43019	10
30.25		239	360	MT3	16523	25	47		310	459	MT4	43019	10
30.5		239	360	MT3	16523	25	47.5		310	459	MT4	45193	10
30.75		239	360	MT3	16523	25	48	(1.7/8)	321	470	MT4	45193	10
31		239	360	MT3	16523	25	48.5		321	470	MT4	49495	10
31.25		239	360	MT3	16642	25	49	(1.15/16)	321	470	MT4	49495	10
31.5		239	360	MT3	16642	25	49.5		321	470	MT4	49495	10
31.75	(1.1/4)	248	369	MT3	17285	25	50		321	470	MT4	52046	10
32		248	397	MT4	19909	10							

For more details please refer our Drill Catalogue Pages 42 to 44.



**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

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

Size		M2 Price Per Piece (Rs.)										MOQ (No.)
		Overall Length in millimetre										
mm	inch	200	225	250	275	300	315	325	350	375	400	
3	1/8	1735	2040	2259	2570	2913		3364				25
3.5		1784	2040	2322	2633	2990		3456				25
4	5/32	1784	2040	2322	2633	2990		3456				25
4.5		1828	2097	2322	2696	3170		3636				25
5	3/16	1828	2097	2322	2696	3170		3636				25
5.5	7/32	1828	2110	2435 **	2855	3237		3733				25
6		1839 **	2110	2461	2855	3237 **	3538	3733				25
6.5	1/4	1865	2178	2473	2999	3364	3649	3844				25
7		2032 **	2288	2569	3056	3521	3873	4035				25
7.5		2055	2345	2643	3112	3613	3958	4113				25
8	5/16	2147 **	2397	2748 **	3224	3705 **	4022	4227				25
8.5		2218 *	2489 **	2802 **	3281	3773 **	4070	4344				25
9		2253 **	2524	2869 **	3298	3802	4178	4380				25
9.5	3/8	2309	2555	2869 **	3389	3898 **	4234	4400				25
10		2315 **	2620 **	2955 **	3449	3973	4338	4523	5061	5706	6347 **	25
10.5		2381	2718 **	3153 **	3645	4178	4524	4751	5432	6103	6878	25
11		2434	2802	3183	3705	4254	4672	4872	5531	6201	6934	25
11.5	7/16	2522	2860	3264	3795	4359	4751	4963	5680	6365	7115	25
12			2992 **	3407	3946	4523	4935	5184	5863	6509	7301 **	25
12.5	1/2		3153	3521	4089	4661	5094	5328	6139	6929	7829	25
13				4178 **	4785	5432	5897	6201	7057	7921	8898	25
13.5				4311	4881	5580	6041	6315	7192	8119	9122	25
14				4455 **	5026	5680	6163	6415	7333 **	8285	9297	25

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



**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

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

Size		M2 Price Per Piece (Rs.)						MOQ (No.)
		Overall Length in millimetre						
mm	inch	250	275	300	315	325	350	
14.5	9/16	4484	5095	5764	6196	6509	7474	25
15		4583	5207	5904 **	6328 **	6667	7623 **	25
15.5		4689	5327	5961 **	6451	6759	7738	25
16	5/8	4808	5416	6080	6543	6881	7850 **	25
16.5		4893	5488	6196	6667	6989	7997	25
17		4997	5621	6261 **	6748	7082	8119	25
17.5	11/16	—	—	6415 **	6878	7220	8275 **	25
18		—	—	6509 **	7031	7333	8408 **	25
18.5		—	—	6612	7115	7466	8482	25
19	3/4	—	—	6731 **	7327	7577	8621 **	25
19.5		—	—	6814	7301	7650	8777	25
20		—	—	6929 **	7421	7797	8878 **	25
20.5		—	—	7057	7556	7906	9026	25
21	13/16	—	—	7184	7702	8039	9220	25
21.5		—	—	7333	7829	8174	9382	25
22		—	—	7494 **	8038	8408	9557 **	25
22.5	7/8	—	—	7692	8208 **	8588	9719	25
23		—	—	8051	8593	8906	10041	25
23.5		—	—	8845	—	9836	10778	25
24	15/16	—	—	8845	—	9836	10885 **	25
24.5		—	—	9122	—	10266	11383	25
25		—	—	—	—	10640	11801 **	25
25.5	1	—	—	—	—	—	12167	25
26		—	—	—	—	—	12662 **	25
26.5		—	—	—	—	—	13040	25
27	1.1/16	—	—	—	—	—	13493	25
27.5		—	—	—	—	—	13924	25
28		—	—	—	—	—	14352	25
28.5	1.1/8	—	—	—	—	—	14814 **	25
29		—	—	—	—	—	15230	25
29.5		—	—	—	—	—	15651	25
30	1.3/16	—	—	—	—	—	16094	25
31	1.1/4	—	—	—	—	—	16523	25
32		—	—	—	—	—	16642	10

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



**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

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

Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimetre							
mm	inch	375	400	425	450	475	500	525	
14.5	9/16	8429	9460	11122	12414	13970	15667	—	25
15		8547	9615	11073	12564	14109	15826	—	25
15.5		8710	9746	11152	12685	14233	15962	—	25
16	5/8	8845	9943	11384	12905	14405	16139	—	25
16.5		9009	10153	11555	13040	14552	16238	—	25
17		9129	10266	11693	13204	14693	16390	—	25
17.5	11/16	9284	10388	11834	13355	14879	16542	—	25
18		9446	10578	11983	13493	15036	16704	18539	25
18.5		9557	10744	12133	13648	15139	16864	18720	25
19	3/4	9706	10885	12261	13803	15288	16961	18826	25
19.5		9896	11107	12414	13966	15471	17126	19011	25
20		10030	11267	12662	14109	15639	17335	19242	25
20.5		10153	11436	12814	14352	15879	17596	19532	25
21	13/16	10364	11622	13088	14596	16171	17872	19839	25
21.5		10563	11844	13284	14904	16463	18236	20243	25
22		10744	12042 **	13493	15136	16725	18525	20562	25
22.5	7/8	10885	12172	13726	15345	17013	18833 **	20904	25
23		11123	12389 **	13924	15625	17265	19106	21208	25
23.5		11848	12813	14396	16069	17787	19693	21859	25
24	15/16	12002	13260 **	14848	16578	18271	20219	22443	25
24.5		12414	13712	15337	17050	18806	20769	22847	25
25		12905	14136 **	15771	17543	19329	21349	23484	25
25.5	1	13284	14556	16220	18003	19849	21848	24032	25
26		13764	15028	16704	18536	20362	22429	24674	25
26.5		14166	15447	17167	19009	20842	22980	25277	25
27	1.1/16	14662	15905 **	17621	19484	21384	23514	25866	25
27.5		15036	16298	18090	19974	21881	24044	26448	25
28		15471	16775 **	18536	20458	22863	24625 **	27088	25
28.5	1.1/8	15926	17192	18968	20955	22942	25133	27647	25
29		16364	17660	19445	21455	23427	25702	28272	25
29.5		16775	18078	19909	21912	23956	26265	28892	25
30	1.3/16	17226	18525	20362	22404	24460	26783	30005	25
31	1.1/4	17657	18973	20864	22986	25097	27539 **	30017	25
32		18003	19909 **	21881	24099	26265	28815 **	30701	10
33	1.5/16	—	20769 **	22855	25173	27440	30074	32084	10
34		—	21674	23826	26249	28628	31368	33439	10
35	1.3/8	—	22621 **	24871	27330	29826	32647	34789	10
36		—	23514 **	25815	28389	30975	33927	36086	10
37	1.7/16	—	24409	26783	29469	32137	35161	37440	10
38	1.1/2	—	25340 **	27849	30611	33342	36495	38852	10
39		—	26265	29070	31585	34401	37584	40006	10
40		—	27365 **	29903	32696	35562	38817	41268	10
41	1.5/8	—	—	—	—	—	40104	43313	10
42		—	—	—	—	—	41887	45238	10
43		—	—	—	—	—	43744	46806	10
44		—	—	—	—	—	45569	48758	10
45	1.3/4	—	—	—	—	—	47426	50312	10
46	1.13/16	—	—	—	—	—	49433	52399	10
47		—	—	—	—	—	51430	54517	10
48	1.7/8	—	—	—	—	—	53437	56644	10
49	1.15/16	—	—	—	—	—	55402	58726	10
50		—	—	—	—	—	57635 **	61093	10

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



**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

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

Size		M2 Price Per Piece (Rs.)						MOQ (No.)
		Overall Length in millimetre						
mm	inch	550	575	600	625	650	675	
14.5	9/16	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—
17		—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—
18		20378	22215	24052	25890	27727	29565	10
18.5		20573	22429	24285	26139	27994	29849	10
19	3/4	20692	22557	24423	26289	28155	30020	10
19.5		20896	22779	24662	26546	28431	30314	10
20		21149	23055	24964	26870	28777	30684	10
20.5		21467	23402	25338	27273	29210	31145	10
21	13/16	21804	23770	25736	27702	29668	31633	10
21.5		22248	24254	26260	28265	30270	32277	10
22		22600	24638	26675	28713	30751	32789	10
22.5		22976	25047	27119	29191	31261	33333	10
23		23311	25413	27514	29616	31718	33821	10
23.5		24026	26193	28358	30526	32692	34857	10
24	15/16	24667	26891	29117	31341	33565	35788	10
24.5		24923	27000	29285	31569	33853	36138	10
25		25619	27754	29889	32024	34159	36294	10
25.5	1	26217	28402	30587	32771	34956	37141	10
26		26917	29158	31401	33646	35888	38132	10
26.5		27576	29874	32172	34470	36766	39066	10
27	1.1/16	28217	30568	32919	35271	37623	39974	10
27.5		28853	31258	33662	36066	38471	40876	10
28		29550	32014	34476	36939	39400	41863	10
28.5	1.1/8	30159	32673	35186	37699	40212	42726	10
29		30843	33413	35982	38554	41123	43693	10
29.5		31518	34144	36770	39397	42024	44650	10
30	1.3/16	32140	34819	37452	40174	42852	45531	10
31	1.1/4	32495	34974	37496	40349	42916	45640	10
32		33158	35614	38069	40525	42981	46400	10
33	1-5/16	34651	37215	39782	42349	44916	47482	10
34		36114	38788	41465	44139	46815	49489	10
35	1-3/8	37573	40357	43140	45922	48705	51489	10
36	1-7/16	38974	41860	44747	47632	50521	53407	10
37		40435	43431	46426	49422	52417	55413	10
38	1-1/2	41960	45068	48176	51285	54393	57501	10
39		43207	46407	49608	52809	56009	59209	10
40		44568	47870	51172	54472	57775	61076	10
41	1-5/8	46520	49729	52938	56146	59354	62563	10
42		48588	51940	55291	58642	61992	65180	10
43		49869	52930	55992	59054	62117	65344	10
44		51949	55139	58330	61519	64709	67898	10
45	1-3/4	54066	57384	60705	64025	67229	70196	10
46	1-13/16	55365	58332	61296	64263	67344	70664	10
47		57602	60688	63774	66861	69945	73033	10
48	1-7/8	59851	63056	66263	69470	72675	75882	10
49	1-15/16	62050	65374	68697	72022	75346	78670	10
50		64551	68009	71466	74926	78383	81842	10

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



**HSS TAPER SHANK TWIST DRILLS  
EXTRA LONG**

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

Size		M2 Price Per Piece (Rs.)						MOQ (No.)
		Overall Length in millimetre						
mm	inch	700	725	750	775	800	825	
14.5	9/16	—	—	—	—	—	—	—
15		—	—	—	—	—	—	—
15.5		—	—	—	—	—	—	—
16	5/8	—	—	—	—	—	—	—
16.5		—	—	—	—	—	—	—
17		—	—	—	—	—	—	—
17.5	11/16	—	—	—	—	—	—	—
18		31401	33239	35077	36914	38751	40589	5
18.5		31704	33560	35413	37268	39125	40979	5
19	3/4	31885	33752	35616	37483	39348	41215	5
19.5		32198	34082	35967	37850	39734	41618	5
20		32590	34497	36404	38311	40218	42124	5
20.5		33080	35017	36952	38888	40822	42758	5
21	13/16	33600	35564	37530	39497	41462	43428	5
21.5		34284	36289	38296	40301	42307	44313	5
22		34826	36864	38902	40939	42978	45015	5
22.5		35405	37476	39547	41620	43691	45761	5
23		35921	38023	40317	42227	44327	46430	5
23.5		37024	39191	41357	43522	45689	47855	5
24	15/16	38013	40237	42460	44686	46909	49134	5
24.5		38320	40499	42681	44759	46938	49146	5
25		38428	40564	42698	44834	46968	49158	5
25.5	1	39327	41512	43696	45881	48065	50250	5
26		40374	42617	44860	47103	49346	51589	5
26.5		41364	43662	45959	48256	50556	52854	5
27	1.1/16	42326	44676	47029	49381	51731	54083	5
27.5		43279	45685	48088	50493	52898	55301	5
28		44325	46789	49251	51714	54177	56638	5
28.5	1.1/8	45239	47752	50266	52779	55292	57805	5
29		46263	48834	51404	53974	56544	59115	5
29.5		47276	49903	52529	55157	57783	60408	5
30	1.3/16	48209	50887	53566	56146	58922	61601	5
31	1.1/4	48533	51010	53667	56245	59345	61823	5
32		48856	51312	53768	57310	59767	62223	5
33	1-5/16	50049	52616	55182	57749	60315	62882	5
34		52164	54839	57514	60190	62864	65540	5
35	1-3/8	54273	57056	59839	62621	65405	68189	5
36	1-7/16	56295	59181	62068	64954	67843	70728	5
37		58407	61402	64398	67394	70389	73384	5
38	1-1/2	60609	63718	66825	69933	73041	76149	5
39		62411	65611	68811	72012	75212	78412	5
40		64378	67679	70980	74282	77582	80884	5
41	1-5/8	65771	68980	72187	75396	78604	81814	5
42		68242	72045	75396	78748	82099	85449	5
43		68695	73161	76432	79703	82973	86243	5
44		71088	74278	77468	80659	83848	87037	5
45	1-3/4	73161	77305	80624	83944	87265	90583	5
46	1-13/16	73984	78254	81219	84187	88021	90987	5
47		76119	79204	82290	85376	88787	91874	5
48	1-7/8	79088	82294	85500	88706	91913	95119	5
49	1-15/16	81994	85318	88642	91967	95291	98615	5
50		85300	88758	92217	95675	99132	102591	5

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



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

Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimetre							
mm	inch	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		42426	44262	46100	—	—	—	—	—
18.5		42834	44689	46544	—	—	—	—	—
19	3/4	43080	44946	46812	—	—	—	—	—
19.5		43502	45386	47270	—	—	—	—	—
20		44032	45938	47845	—	—	—	—	—
20.5		44694	46629	48564	—	—	—	—	—
21	13/16	45394	47360	49327	—	—	—	—	—
21.5		46319	48325	50331	—	—	—	—	—
22		47053	49091	51128	53166	55204	57242	59280	5
22.5		47834	49905	51976	54048	56120	58191	60263	5
23		48532	50634	52735	54836	56939	59041	61525	5
23.5		50021	52189	54355	56521	58687	60854	63020	5
24	15/16	51358	53581	55806	58029	60254	62478	64702	5
24.5		51379	53613	55820	58053	60260	62576	64809	5
25		51401	53645	55834	58076	60266	62674	64916	5
25.5	1	52434	54619	56804	58988	61174	63358	65544	5
26		53832	56075	58318	60562	62804	65047	67290	5
26.5		55152	57449	59746	62046	64343	66641	68939	5
27	1.1/16	56435	58785	61137	63488	65839	68191	70542	5
27.5		57707	60110	62514	64920	67324	69728	72132	5
28		59101	61564	64026	66488	68952	71413	73876	5
28.5	1.1/8	60318	62832	65346	67857	70372	72885	75398	5
29		61684	64256	66825	69395	71966	74536	77106	5
29.5		63035	65661	68289	70915	73540	76168	78794	5
30	1.3/16	64279	66780	69591	72091	74679	77204	79558	5
31	1.1/4	64303	66958	69614	72200	74725	77227	79705	5
32		64679	67135	69635	72269	74771	77357	79813	5
33	1-5/16"	65448	68016	70582	73149	75715	78282	80849	5
34		68215	70890	73565	76240	78915	81590	84267	5
35	1-3/8"	70972	73755	76537	79321	82104	84887	87671	5
36	1-7/16"	73615	76502	79389	82275	85164	88050	90937	5
37		76380	79373	82369	85364	88360	91355	94350	5
38	1-1/2"	79258	82366	85474	88582	91689	94798	97906	2
39		81612	84813	88014	91214	94415	97616	100817	2
40		84187	87488	90789	94090	97392	100694	103994	2
41	1-5/8"	85020	88230	91438	94646	97854	101062	104271	2
42		85817	89168	92519	95799	98862	101924	104987	2
43		86615	89676	92738	95871	99151	102502	105276	2
44		90227	93417	96608	99796	102987	106176	109367	2
45	1-3/4"	93903	96919	99884	103205	106475	109491	112810	2
46	1-13/16"	93953	97223	100544	103508	106525	109939	113474	2
47		94958	98045	101130	104217	107302	110388	115519	2
48	1-7/8"	98325	101531	104738	107943	111150	114356	117562	2
49	1-15/16"	101939	105263	108587	111912	115236	118560	121883	2
50		106048	109506	112965	116423	119880	123339	126796	2

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Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	400	425	450	475	500	525	550	575	
50.50		43855	48238	52623	57009	61395	65781	70166	74551	2
50.8	2	43855	48238	52623	57009	61395	65781	70166	74551	2
51.00		—	—	57556	61525	65495	69464	73433	77403	2
51.50		—	—	57556	61525	65495	69464	73433	77403	2
51.59	2.1/32	—	—	57556	61525	65495	69464	73433	77403	2
52.00		—	—	57556	61525	65495	69464	73433	77403	2
52.39	2.1/16	—	—	57556	61525	65495	69464	73433	77403	2
52.50		—	—	61992	67159	72324	77491	82657	87823	2
53.00		—	—	61992	67159	72324	77491	82657	87823	2
53.18	2.3/32	—	—	61992	67159	72324	77491	82657	87823	2
53.50		—	—	61992	67159	72324	77491	82657	87823	2
53.97	2.1/8	—	—	61992	67159	72324	77491	82657	87823	2
54.00		—	—	61992	67159	72324	77491	82657	87823	2
54.50		—	—	65121	70549	75976	81404	86830	92257	2
54.77	2.5/32	—	—	65121	70549	75976	81404	86830	92257	2
55.00		—	—	65121	70549	75976	81404	86830	92257	2
55.50		—	—	65121	70549	75976	81404	86830	92257	2
55.56	2.3/16	—	—	65121	70549	75976	81404	86830	92257	2
56.00		—	—	67859	73515	79169	84825	90480	96135	2
56.36	2.7/32	—	—	67859	73515	79169	84825	90480	96135	2
56.50		—	—	67859	73515	79169	84825	90480	96135	2
57.00		—	—	67859	73515	79169	84825	90480	96135	2
57.15	2.1/4	—	—	67859	73515	79169	84825	90480	96135	2
57.50		—	—	70972	80228	86399	92571	98743	104914	2
57.94	2.9/32	—	—	70972	80228	86399	92571	98743	104914	2
58.00		—	—	70972	80228	86399	92571	98743	104914	2
58.50		—	—	70972	80228	86399	92571	98743	104914	2
58.74	2.5/16	—	—	70972	80228	86399	92571	98743	104914	2
59.00		—	—	72326	81760	88050	94339	100629	106917	2
59.50		—	—	72326	81760	88050	94339	100629	106917	2
59.53	2.11/32	—	—	72326	81760	88050	94339	100629	106917	2
60.00		—	—	72326	81760	88050	94339	100629	106917	2
60.32	2.3/8	—	—	72326	81760	88050	94339	100629	106917	2
60.50		—	—	78884	85570	92254	98940	105625	112309	2
61.00		—	—	78884	85570	92254	98940	105625	112309	2
61.12	2.13/32	—	—	78884	85570	92254	98940	105625	112309	2
61.50		—	—	78884	85570	92254	98940	105625	112309	2
61.91	2.7/16	—	—	78884	85570	92254	98940	105625	112309	2
62.00		—	—	78884	85570	92254	98940	105625	112309	2
62.50		—	—	78884	85570	92254	98940	105625	112309	2
62.71	2.15/32	—	—	80213	87009	93808	100605	107404	114201	2
63.00		—	—	80213	87009	93808	100605	107404	114201	2
63.5	2.1/2	—	—	80213	87009	93808	100605	107404	114201	2
64.00		—	—	87151	93162	100675	106684	114197	120208	2
64.29	2.17/32	—	—	87151	93162	100675	106684	114197	120208	2
64.50		—	—	87151	93162	100675	106684	114197	120208	2
65.00		—	—	87151	93162	100675	106684	114197	120208	2
65.09	2.9/16	—	—	87151	93162	100675	106684	114197	120208	2
65.50		—	—	87799	93855	101424	107479	115048	121103	2
65.88	2.19/32	—	—	87799	93855	101424	107479	115048	121103	2
66.00		—	—	87799	93855	101424	107479	115048	121103	2
66.50		—	—	87799	93855	101424	107479	115048	121103	2
66.67	2.5/8	—	—	87799	93855	101424	107479	115048	121103	2
67.00		—	—	89940	96143	103897	110100	117854	124056	2
67.47	2.21/32	—	—	—	103205	109863	116521	124844	133167	2



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Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	600	625	650	675	700	725	750	775	
50.50		78936	83321	87707	92093	96478	100864	105249	109635	2
50.80	2	78936	83321	87707	92093	96478	100864	105249	109635	2
51.00		81371	85341	89311	93279	97250	101219	109157	113127	2
51.50		81371	85341	89311	93279	97250	101219	109157	113127	2
51.59	2.1/32	81371	85341	89311	93279	97250	101219	109157	113127	2
52.00		81371	85341	89311	93279	97250	101219	109157	113127	2
52.39	2.1/16	81371	85341	89311	93279	97250	101219	109157	113127	2
52.50		92989	98155	103321	108487	113652	118819	123985	129152	2
53.00		92989	98155	103321	108487	113652	118819	123985	129152	2
53.18	2.3/32	92989	98155	103321	108487	113652	118819	123985	129152	2
53.50		92989	98155	103321	108487	113652	118819	123985	129152	2
53.97	2.1/8	92989	98155	103321	108487	113652	118819	123985	129152	2
54.00		92989	98155	103321	108487	113652	118819	123985	129152	2
54.50		97684	103111	108537	113964	119390	124817	130245	135672	2
54.77	2.5/32	97684	103111	108537	113964	119390	124817	130245	135672	2
55.00		97684	103111	108537	113964	119390	124817	130245	135672	2
55.50		97684	103111	108537	113964	119390	124817	130245	135672	2
55.56	2.3/16	97684	103111	108537	113964	119390	124817	130245	135672	2
56.00		101790	107444	113100	118755	124408	130064	135719	141375	2
56.36	2.7/32	101790	107444	113100	118755	124408	130064	135719	141375	2
56.50		101790	107444	113100	118755	124408	130064	135719	141375	2
57.00		101790	107444	113100	118755	124408	130064	135719	141375	2
57.15	2.1/4	101790	107444	113100	118755	124408	130064	135719	141375	2
57.50		111086	117257	123428	129600	135771	141942	148113	154286	2
57.94	2.9/32	111086	117257	123428	129600	135771	141942	148113	154286	2
58.00		111086	117257	123428	129600	135771	141942	148113	154286	2
58.50		111086	117257	123428	129600	135771	141942	148113	154286	2
58.74	2.5/16	111086	117257	123428	129600	135771	141942	148113	154286	2
59.00		113207	119496	125786	132075	138364	144654	150942	157232	2
59.50		113207	119496	125786	132075	138364	144654	150942	157232	2
59.53	2.11/32	113207	119496	125786	132075	138364	144654	150942	157232	2
60.00		113207	119496	125786	132075	138364	144654	150942	157232	2
60.32	2.3/8	113207	119496	125786	132075	138364	144654	150942	157232	2
60.50		118994	125681	132365	139050	145736	152421	159105	165791	2
61.00		118994	125681	132365	139050	145736	152421	159105	165791	2
61.12	2.13/32	118994	125681	132365	139050	145736	152421	159105	165791	2
61.50		118994	125681	132365	139050	145736	152421	159105	165791	2
61.91	2.7/16	118994	125681	132365	139050	145736	152421	159105	165791	2
62.00		118994	125681	132365	139050	145736	152421	159105	165791	2
62.50		118994	125681	132365	139050	145736	152421	159105	165791	2
62.71	2.15/32	120998	127796	134594	141391	148189	154987	161785	168581	2
63.00		120998	127796	134594	141391	148189	154987	161785	168581	2
63.5	2.1/2	120998	127796	134594	141391	148189	154987	161785	168581	2
64.00		126218	132228	138239	144249	150260	156270	162280	169063	2
64.29	2.17/32	126218	132228	138239	144249	150260	156270	162280	169063	2
64.50		126218	132228	138239	144249	150260	156270	162280	169063	2
65.00		126218	132228	138239	144249	150260	156270	162280	169063	2
65.09	2.9/16	126218	132228	138239	144249	150260	156270	162280	169063	2
65.50		127159	133214	139269	145323	151379	157434	163489	169544	2
65.88	2.19/32	127159	133214	139269	145323	151379	157434	163489	169544	2
66.00		127159	133214	139269	145323	151379	157434	163489	169544	2
66.50		127159	133214	139269	145323	151379	157434	163489	169544	2
66.67	2.5/8	127159	133214	139269	145323	151379	157434	163489	169544	2
67.00		130259	136462	142664	148867	155071	161273	167476	173678	2
67.47	2.21/32	141490	149813	158136	166459	174783	183104	191428	199751	2



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Size		M2 Price Per Piece (Rs.)									MOQ (No.)
		Overall Length in millimetre									
mm	inch	800	825	850	875	900	925	950	975	1000	
50.50		114019	118405	122791	127176	131561	135946	140332	144716	149102	2
50.8	2	114019	118405	122791	127176	131561	135946	140332	144716	149102	2
51.00		117096	121065	125035	129005	132973	136942	140913	144882	150836	2
51.50		117096	121065	125035	129005	132973	136942	140913	144882	150836	2
51.59	2.1/32	117096	121065	125035	129005	132973	136942	140913	144882	150836	2
52.00		117096	121065	125035	129005	132973	136942	140913	144882	150836	2
52.39	2.1/16	117096	121065	125035	129005	132973	136942	140913	144882	150836	2
52.50		134317	139483	144649	149815	154981	160148	165313	170480	175645	2
53.00		134317	139483	144649	149815	154981	160148	165313	170480	175645	2
53.18	2.3/32	134317	139483	144649	149815	154981	160148	165313	170480	175645	2
53.50		134317	139483	144649	149815	154981	160148	165313	170480	175645	2
53.97	2.1/8	134317	139483	144649	149815	154981	160148	165313	170480	175645	2
54.00		134317	139483	144649	149815	154981	160148	165313	170480	175645	2
54.50		141098	146525	151953	157379	162807	168233	173659	179086	184513	2
54.77	2.5/32	141098	146525	151953	157379	162807	168233	173659	179086	184513	2
55.00		141098	146525	151953	157379	162807	168233	173659	179086	184513	2
55.50		141098	146525	151953	157379	162807	168233	173659	179086	184513	2
55.56	2.3/16	141098	146525	151953	157379	162807	168233	173659	179086	184513	2
56.00		147029	152685	158340	163994	169650	175305	180958	186613	192269	2
56.36	2.7/32	147029	152685	158340	163994	169650	175305	180958	186613	192269	2
56.50		147029	152685	158340	163994	169650	175305	180958	186613	192269	2
57.00		147029	152685	158340	163994	169650	175305	180958	186613	192269	2
57.15	2.1/4	147029	152685	158340	163994	169650	175305	180958	186613	192269	2
57.50		160457	166629	172800	178972	185143	191314	197485	203656	209828	2
57.94	2.9/32	160457	166629	172800	178972	185143	191314	197485	203656	209828	2
58.00		160457	166629	172800	178972	185143	191314	197485	203656	209828	2
58.50		160457	166629	172800	178972	185143	191314	197485	203656	209828	2
58.74	2.5/16	160457	166629	172800	178972	185143	191314	197485	203656	209828	2
59.00		163522	169810	176100	182389	188677	194968	201256	207546	213835	2
59.50		163522	169810	176100	182389	188677	194968	201256	207546	213835	2
59.53	2.11/32	163522	169810	176100	182389	188677	194968	201256	207546	213835	2
60.00		163522	169810	176100	182389	188677	194968	201256	207546	213835	2
60.32	2.3/8	163522	169810	176100	182389	188677	194968	201256	207546	213835	2
60.50		172477	179161	185846	192531	199216	205902	212587	219272	225957	2
61.00		172477	179161	185846	192531	199216	205902	212587	219272	225957	2
61.12	2.13/32	172477	179161	185846	192531	199216	205902	212587	219272	225957	2
61.50		172477	179161	185846	192531	199216	205902	212587	219272	225957	2
61.91	2.7/16	172477	179161	185846	192531	199216	205902	212587	219272	225957	2
62.00		172477	179161	185846	192531	199216	205902	212587	219272	225957	2
62.50		172477	179161	185846	192531	199216	205902	212587	219272	225957	2
62.71	2.15/32	175380	182177	188974	195773	202570	209368	216167	222963	229761	2
63.00		175380	182177	188974	195773	202570	209368	216167	222963	229761	2
63.5	2.1/2	175380	182177	188974	195773	202570	209368	216167	222963	229761	2
64.00		175489	184068	192333	198343	204354	210364	216374	222384	228393	2
64.29	2.17/32	175489	184068	192333	198343	204354	210364	216374	222384	228393	2
64.50		175489	184068	192333	198343	204354	210364	216374	222384	228393	2
65.00		175489	184068	192333	198343	204354	210364	216374	222384	228393	2
65.09	2.9/16	175489	184068	192333	198343	204354	210364	216374	222384	228393	2
65.50		175598	185438	193766	199820	205875	211931	217986	224040	230094	2
65.88	2.19/32	175598	185438	193766	199820	205875	211931	217986	224040	230094	2
66.00		175598	185438	193766	199820	205875	211931	217986	224040	230094	2
66.50		175598	185438	193766	199820	205875	211931	217986	224040	230094	2
66.67	2.5/8	175598	185438	193766	199820	205875	211931	217986	224040	230094	2
67.00		179882	186084	192490	198490	204490	210490	216490	222490	228490	2
67.47	2.21/32	208074	216396	224719	233043	241366	249688	258012	266334	274658	2



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

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

Size		M2 Price Per Piece (Rs.)					MOQ (No.)
		Overall Length in millimetre					
mm	inch	475	500	525	550	575	
67.50		103205	109863	116521	124844	133167	2
68.00		103205	109863	116521	124844	133167	2
68.26	2.11/16	103205	109863	116521	124844	133167	2
68.50		108931	116075	123217	130360	137504	2
69.00		110061	117279	124496	131713	138930	2
69.05	2.23/32	110061	117279	124496	131713	138930	2
69.50		110061	117279	124496	131713	138930	2
69.85	2.3/4	110061	117279	124496	131713	138930	2
70.00		110061	117279	124496	131713	138930	2
70.50		115500	123200	130900	138599	146300	2
70.64	2.25/32	116756	124541	132325	140108	147892	2
71.00		116756	124541	132325	140108	147892	2
71.44	2.13/16	116756	124541	132325	140108	147892	2
71.50		116756	124541	132325	140108	147892	2
72.00		119013	126946	134880	142815	150750	2
72.23	2.27/32	119013	126946	134880	142815	150750	2
72.50		119013	126946	134880	142815	150750	2
73.00		119013	126946	134880	142815	150750	2
73.02	2.7/8	119013	126946	134880	142815	150750	2
73.50		123247	131601	139957	148314	156669	2
73.82	2.29/32	124551	132993	141438	149882	158327	2
74.00		124551	132993	141438	149882	158327	2
74.50		124551	132993	141438	149882	158327	2
74.61	2.15/16	124551	132993	141438	149882	158327	2
75.00		126100	134649	143198	151748	160297	2
75.41	2.31/32	126100	134649	143198	151748	160297	2
75.50		126100	134649	143198	151748	160297	2
76.00		126100	134649	143198	151748	160297	2
76.20	3	126100	134649	143198	151748	160297	2
76.99	3.1/32	—	—	—	157890	169587	2
77.00		—	—	—	157890	169587	2
77.79	3.1/16	—	—	—	157890	169587	2
78.00		—	—	—	157890	169587	2
78.58	3.3/32	—	—	—	161039	172967	2
79.00		—	—	—	161039	172967	2
79.37	3.1/8	—	—	—	165315	177560	2
80.00		—	—	—	165315	177560	2
80.17	3.5/32	—	—	—	176819	189915	2
80.96	3.3/16	—	—	—	176819	189915	2
81.00		—	—	—	176819	189915	2
81.76	3.7/32	—	—	—	181414	194853	2
82.00		—	—	—	181414	194853	2
82.55	3.1/4	—	—	—	181414	194853	2
83.00		—	—	—	185162	198877	2
83.34	3.9/32	—	—	—	185162	198877	2
84.00		—	—	—	185162	198877	2
84.14	3.5/16	—	—	—	188241	202185	2
84.93	3.11/32	—	—	—	188241	202185	2
85.00		—	—	—	188241	202185	2
85.72	3.3/8	—	—	—	214716	230621	2
86.00		—	—	—	214716	230621	2
86.52	3.13/32	—	—	—	214716	230621	2
87.00		—	—	—	214716	230621	2



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

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

Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	600	625	650	675	700	725	750	775	
67.50		141490	149813	158136	166459	174783	183104	191428	199751	2
68.00		141490	149813	158136	166459	174783	183104	191428	199751	2
68.26	2.11/16	141490	149813	158136	166459	174783	183104	191428	199751	2
68.50		144646	151790	158931	167130	174898	187504	194647	201790	2
69.00		146148	153365	160582	167798	175016	189450	196666	203884	2
69.05	2.23/32	146148	153365	160582	167798	175016	189450	196666	203884	2
69.50		146148	153365	160582	167798	175016	189450	196666	203884	2
69.85	2.3/4	146148	153365	160582	167798	175016	189450	196666	203884	2
70.00		146148	153365	160582	167798	175016	189450	196666	203884	2
70.50		154000	161700	169400	177101	184800	192500	200200	207899	2
70.64	2.25/32	155674	163460	171244	179026	186810	194594	202377	210161	2
71.00		155674	163460	171244	179026	186810	194594	202377	210161	2
71.44	2.13/16	155674	163460	171244	179026	186810	194594	202377	210161	2
71.50		155674	163460	171244	179026	186810	194594	202377	210161	2
72.00		158684	166619	174552	182486	190421	198355	206289	214224	2
72.23	2.27/32	158684	166619	174552	182486	190421	198355	206289	214224	2
72.50		158684	166619	174552	182486	190421	198355	206289	214224	2
73.00		158684	166619	174552	182486	190421	198355	206289	214224	2
73.02	2.7/8	158684	166619	174552	182486	190421	198355	206289	214224	2
73.50		165025	173380	181737	190091	198447	206804	215159	223515	2
73.82	2.29/32	166770	175215	183658	192102	200547	208991	217435	225879	2
74.00		166770	175215	183658	192102	200547	208991	217435	225879	2
74.50		166770	175215	183658	192102	200547	208991	217435	225879	2
74.61	2.15/16	166770	175215	183658	192102	200547	208991	217435	225879	2
75.00		168846	177395	185945	194494	203043	211592	220140	228689	2
75.41	2.31/32	168846	177395	185945	194494	203043	211592	220140	228689	2
75.50		168846	177395	185945	194494	203043	211592	220140	228689	2
76.00		168846	177395	185945	194494	203043	211592	220140	228689	2
76.2	3	168846	177395	185945	194494	203043	211592	220140	228689	2
76.99	3.1/32	181282	192977	204673	216368	228064	239760	251456	263151	2
77.00		181282	192977	204673	216368	228064	239760	251456	263151	2
77.79	3.1/16	181282	192977	204673	216368	228064	239760	251456	263151	2
78.00		181282	192977	204673	216368	228064	239760	251456	263151	2
78.58	3.3/32	184896	196825	208756	220685	232613	244542	256470	268399	2
79.00		184896	196825	208756	220685	232613	244542	256470	268399	2
79.37	3.1/8	189805	202051	214297	226542	238787	251032	263280	275524	2
80.00		189805	202051	214297	226542	238787	251032	263280	275524	2
80.17	3.5/32	203012	216111	229208	242306	255404	268501	281598	294696	2
80.96	3.3/16	203012	216111	229208	242306	255404	268501	281598	294696	2
81.00		203012	216111	229208	242306	255404	268501	281598	294696	2
81.76	3.7/32	208290	221730	235166	248605	262043	275482	288919	302359	2
82.00		208290	221730	235166	248605	262043	275482	288919	302359	2
82.55	3.1/4	208290	221730	235166	248605	262043	275482	288919	302359	2
83.00		212593	226308	240025	253740	267456	281172	294887	308603	2
83.34	3.9/32	212593	226308	240025	253740	267456	281172	294887	308603	2
84.00		212593	226308	240025	253740	267456	281172	294887	308603	2
84.14	3.5/16	216129	230073	244016	257960	271902	285846	299790	313733	2
84.93	3.11/32	216129	230073	244016	257960	271902	285846	299790	313733	2
85.00		216129	230073	244016	257960	271902	285846	299790	313733	2
85.72	3.3/8	246527	262431	278336	294241	310145	326050	341955	357860	2
86.00		246527	262431	278336	294241	310145	326050	341955	357860	2
86.52	3.13/32	246527	262431	278336	294241	310145	326050	341955	357860	2
87.00		246527	262431	278336	294241	310145	326050	341955	357860	2



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

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

Size		M2 Price Per Piece (Rs.)									MOQ (No.)
		Overall Length in millimetre									
mm	inch	800	825	850	875	900	925	950	975	1000	
67.50		208074	216396	224719	233043	241364	249688	258012	266334	274658	2
68.00		208074	216396	224719	233043	241364	249688	258012	266334	274658	2
68.26	2.11/16	208074	216396	224719	233043	241364	249688	258012	266334	274658	2
68.50		208934	217357	225128	233933	245541	250005	258935	267864	275705	2
69.00		211102	218319	225537	236361	247003	252601	261622	269384	277492	2
69.05	2.23/32	211102	218319	225537	236361	247003	252601	261622	269384	277492	2
69.50		211102	218319	225537	236361	247003	252601	261622	269384	277492	2
69.85	2.3/4	211102	218319	225537	236361	247003	252601	261622	269384	277492	2
70.00		211102	218319	225537	236361	247003	252601	261622	269384	277492	2
70.50		215600	223300	230999	238700	248586	254100	261800	269499	278094	2
70.64	2.25/32	217946	225729	233513	241296	249081	256864	264648	272432	280216	2
71.00		217946	225729	233513	241296	249081	256864	264648	272432	280216	2
71.44	2.13/16	217946	225729	233513	241296	249081	256864	264648	272432	280216	2
71.50		217946	225729	233513	241296	249081	256864	264648	272432	280216	2
72.00		222158	230092	238026	245960	253894	261828	269763	277697	285631	2
72.23	2.27/32	222158	230092	238026	245960	253894	261828	269763	277697	285631	2
72.50		222158	230092	238026	245960	253894	261828	269763	277697	285631	2
73.00		222158	230092	238026	245960	253894	261828	269763	277697	285631	2
73.02	2.7/8	222158	230092	238026	245960	253894	261828	269763	277697	285631	2
73.50		231870	240225	248582	256937	265293	273648	282005	290360	298715	2
73.82	2.29/32	234322	242768	251212	259655	268099	276544	284987	293432	301876	2
74.00		234322	242768	251212	259655	268099	276544	284987	293432	301876	2
74.50		234322	242768	251212	259655	268099	276544	284987	293432	301876	2
74.61	2.15/16	234322	242768	251212	259655	268099	276544	284987	293432	301876	2
75.00		237238	245787	254337	262885	271435	279984	288534	297082	305632	2
75.41	2.31/32	237238	245787	254337	262885	271435	279984	288534	297082	305632	2
75.50		237238	245787	254337	262885	271435	279984	288534	297082	305632	2
76.00		237238	245787	254337	262885	271435	279984	288534	297082	305632	2
76.2	3	237238	245787	254337	262885	271435	279984	288534	297082	305632	2
76.99	3.1/32	274847	286542	298237	309934	321629	333324	345019	—	—	2
77.00		274847	286542	298237	309934	321629	333324	345019	—	—	2
77.79	3.1/16	274847	286542	298237	309934	321629	333324	345019	—	—	2
78.00		274847	286542	298237	309934	321629	333324	345019	—	—	2
78.58	3.3/32	280328	292256	304186	316114	328044	339973	351901	—	—	2
79.00		280328	292256	304186	316114	328044	339973	351901	—	—	2
79.37	3.1/8	287769	300016	312260	324507	336753	348998	361243	—	—	2
80.00		287769	300016	312260	324507	336753	348998	361243	—	—	2
80.17	3.5/32	307794	320891	333991	347088	360184	373283	386380	—	—	2
80.96	3.3/16	307794	320891	333991	347088	360184	373283	386380	—	—	2
81.00		307794	320891	333991	347088	360184	373283	386380	—	—	2
81.76	3.7/32	315795	329234	342672	356111	369547	382986	396424	—	—	2
82.00		315795	329234	342672	356111	369547	382986	396424	—	—	2
82.55	3.1/4	315795	329234	342672	356111	369547	382986	396424	—	—	2
83.00		322319	336035	349750	363466	377181	390897	404612	—	—	2
83.34	3.9/32	322319	336035	349750	363466	377181	390897	404612	—	—	2
84.00		322319	336035	349750	363466	377181	390897	404612	—	—	2
84.14	3.5/16	327677	341621	355565	369509	383452	397396	411340	—	—	2
84.93	3.11/32	327677	341621	355565	369509	383452	397396	411340	—	—	2
85.00		327677	341621	355565	369509	383452	397396	411340	—	—	2
85.72	3.3/8	373765	389670	405576	421481	437385	453290	469195	—	—	2
86.00		373765	389670	405576	421481	437385	453290	469195	—	—	2
86.52	3.13/32	373765	389670	405576	421481	437385	453290	469195	—	—	2
87.00		373765	389670	405576	421481	437385	453290	469195	—	—	2





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

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

Size		M2 Price Per Piece (Rs.)								MOQ (No.)
		Overall Length in millimetre								
mm	inch	600	625	650	675	700	725	750	775	
87.31	3.7/16	251681	267919	284155	300392	316631	332867	349104	365343	2
88.00		251681	267919	284155	300392	316631	332867	349104	365343	2
88.11	3.15/32	251681	267919	284155	300392	316631	332867	349104	365343	2
	3.1/2	251681	267919	284155	300392	316631	332867	349104	365343	2
89.00		251681	267919	284155	300392	316631	332867	349104	365343	2
90.00		256814	273382	289950	306518	323088	339657	356224	372793	2
90.49	3.9/16	266391	283577	300766	317952	335139	352325	369512	386698	2
91.00		266391	283577	300766	317952	335139	352325	369512	386698	2
92.00		266391	283577	300766	317952	335139	352325	369512	386698	2
92.07	3.5/8	275090	292837	310584	328332	346080	363828	381575	399324	2
93.00		275090	292837	310584	328332	346080	363828	381575	399324	2
93.66	3.11/16	285495	303912	322332	340751	359169	377589	396007	414427	2
94.00		285495	303912	322332	340751	359169	377589	396007	414427	2
95.00		285495	303912	322332	340751	359169	377589	396007	414427	2
95.25	3.3/4	285495	303912	322332	340751	359169	377589	396007	414427	2
96.00		295053	314088	333123	352159	371195	390229	409267	428303	2
96.84	3.13/16	295053	314088	333123	352159	371195	390229	409267	428303	2
97.00		295053	314088	333123	352159	371195	390229	409267	428303	2
98.00		300271	319642	339015	358388	377759	397133	416504	435876	2
98.42	3.7/8	304556	324205	343855	363504	383152	402801	422449	442099	2
99.00		304556	324205	343855	363504	383152	402801	422449	442099	2
100.00		304556	324205	343855	363504	383152	402801	422449	442099	2
100.01	3.15/16	309774	329758	349745	369731	389715	409702	429686	449671	2
101.00		309774	329758	349745	369731	389715	409702	429686	449671	2
101.6	4	309774	329758	349745	369731	389715	409702	429686	449671	2
102.00		309774	329758	349745	369731	389715	409702	429686	449671	2



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

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

Size		M2 Price Per Piece (Rs.)							MOQ (No.)
		Overall Length in millimetre							
mm	inch	800	825	850	875	900	925	950	
87.31	3.7/16	381580	397817	414055	430292	446529	462767	479004	2
88.00		381580	397817	414055	430292	446529	462767	479004	2
88.11	3.15/32	381580	397817	414055	430292	446529	462767	479004	2
88.9	3.1/2	381580	397817	414055	430292	446529	462767	479004	2
89.00		381581	397818	414056	430293	446532	462768	479005	2
90.00		389361	405931	422499	439067	455636	472204	488774	2
90.49	3.9/16	403884	421071	438258	455445	472631	489817	507004	2
91.00		403884	421071	438258	455445	472631	489817	507004	2
92.00		403884	421071	438258	455445	472631	489817	507004	2
92.07	3.5/8	417071	434819	452567	470314	488061	505810	523557	2
93.00		417071	434819	452567	470314	488061	505810	523557	2
93.66	3.11/16	432846	451265	469683	488102	506521	524941	543359	2
94.00		432846	451265	469683	488102	506521	524941	543359	2
95.00		432846	451265	469683	488102	506521	524941	543359	2
95.25	3.3/4	432846	451265	469683	488102	506521	524941	543359	2
96.00		447337	466372	485409	504444	523480	542516	561551	2
96.84	3.13/16	447337	466372	485409	504444	523480	542516	561551	2
97.00		447337	466372	485409	504444	523480	542516	561551	2
98.00		455249	474621	493994	513367	532738	552110	571482	2
98.42	3.7/8	461747	481396	501045	520694	540343	559991	579640	2
99.00		461747	481396	501045	520694	540343	559991	579640	2
100.00		461747	481396	501045	520694	540343	559991	579640	2
100.01	3.15/16	469657	489643	509628	529613	549599	569585	589569	2
101.00		469657	489643	509628	529613	549599	569585	589569	2
101.6	4	469657	489643	509628	529613	549599	569585	589569	2
102.00		469657	489643	509628	529613	549599	569585	589569	2

**HSS SHELL DRILLS**

**BS: 122 (PART 2) 1964**

**(TAPER HOLE 1 IN 96) RH Cutting with RH Helical Flutes**

Dia Inch	M2 Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	M2 Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	M2 Price Per Piece (Rs.)	MOQ (No.)
1	3438	5	1.11/16	6398	5	2.3/4	15974	3
1.1/16	3628	5	1.3/4	6544	5	2.7/8	17751	3
1.1/8	3845	5	1.13/16	6801	5	3	19498	3
1.3/16	4080	5	1.7/8	7008	5	3.1/8	21860	3
1.1/4	4262	5	1.15/16	7345	5	3.1/4	23973	3
1.5/16	4468	5	2	7495	5	3.3/8	25783	3
1.3/8	4721	5	2.1/8	8394	5	3.1/2	38571	3
1.7/16	4930	5	2.1/4	9187	5	3.5/8	32707	3
1.1/2	5108	5	2.3/8	10279	5	3.3/4	34217	3
1.9/16	5401	5	2.1/2	12500	5	3.7/8	39607	3
1.5/8	5636	5	2.5/8	14253	3	4	43770	3



## HSS CENTRE DRILLS

### TYPE - A IS 6708-1977

Pilot Dia mm	Body Dia mm	M2		M35		
		Price Per Piece (Rs.)	MOQ (No.)	Price Per Piece (Rs.)	Price Per Piece (Rs.)	MOQ (No.)
		Without TIN-Coated		Without TIN-Coated	TIN-Coated	
1	3.15	226 **	50	263	328	300
1.25	3.15	226 **	50	263	328	300
1.6	4	226 *	50	263	333	300
2	5	226 *	50	263	341	300
2.5	6.3	261 *	50	303	399	300
3.15	8	405 *	50	469	600	300
4	10	496 *	50	576	755	300
5	12.5	840 *	50	973	1188	300
6.3	16	993 *	50	1153	1408	300
8	20	1533 *	50	1809	2101	300
10	25	1974 **	50	2450	3091	300

### TYPE - B IS 6709-1977

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

### TYPE - R IS 6710-1977

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

### BS 328 (PART 2) 1950

"Size BS No."	Pilot Dia. Inch	"Body Dia. Inch"	M2	MOQ	M35 Without TIN-Coated	M35 TIN-Coated	MOQ
BS 1	3/64	1/8	226 **	50	263	328	300
BS 2	1/16	3/16	226 *	50	263	333	300
BS 3	3/32	1/4	261 *	50	303	399	300
BS 4	1/8	5/16	405 *	50	469	600	300
BS 5	3/16	7/16	527 *	50	612	825	300
BS 6	1/4	5/8	993 *	50	1153	1408	300
BS 7	5/16	3/4	1533 *	50	1825	2116	300

For more details refer our Drill Catalogue Pages 54 to 57



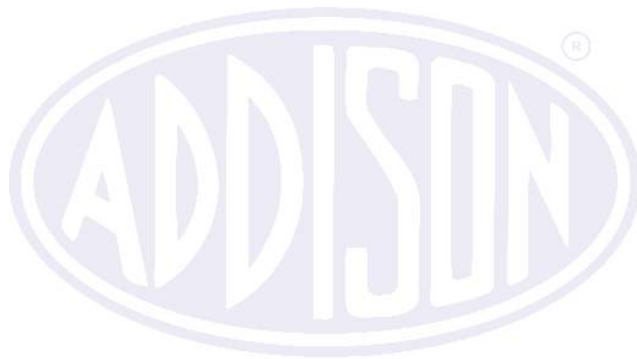
### HSS TAPER SHANK CORE DRILLS

IS 5366 - 1978

BS 328 (PART 1) - 1959

Size		M2 Price Per Piece (Rs.)	MOQ (No.)	Size		M2 Price Per Piece (Rs.)	MOQ (No.)	Size		M2 Price Per Piece (Rs.)	MOQ (No.)
mm	inch			mm	inch			mm	inch		
7.00		1289	35	(26.99)	1.1/16	7842	35	51.00		38585	5
(7.14)	9/32	1289	35	27.00		7842	35	52.00		42493	5
7.50		1376	35	(27.78)	1.3/32	8140	35	(52.39)	2.1/16	42493	5
(7.94)	5/16	1372	35	28.00		8624	35	53.00		49640	5
8.00		1376	35	(28.57)	1.1/8	8625	35	(53.97)	2.1/8	49640	5
8.50		1402	35	29.00		9028	35	54.00		49640	5
(8.73)	11/32	1376	35	(29.37)	1.5/32	9028	35	55.00		52030	5
9.00		1408	35	30.00		9589	35	(55.56)	2.3/16	52030	5
(9.52)	3/8	1513	35	(30.16)	1.3/16	9589	35	56.00		54235	5
10.00		1513	35	(30.96)	1.7/32	9952	35	57.00		54235	5
(10.32)	13/32	1513	35	31.00		11189	35	(57.15)	2.1/4	54235	5
11.00		1515	35	(31.75)	1.1/4	11681	35	58.00		59268	5
(11.11)	7/16	1515	35	32.00		12802	20	(58.74)	2.5/16	59268	5
(11.91)	15/32	1620	35	(32.54)	1.9/32	12802	20	59.00		60364	5
12.00		1620	35	33.00		13071	20	60.00		60364	5
(12.70)	1/2	1711	35	(33.34)	1.5/16	13071	20	(60.32)	2.3/8	60364	5
13.00		2315	35	34.00		14337	20	61.00		64329	5
(13.49)	17/32	2534	35	(34.13)	1.11/32	14337	20	(61.91)	2.7/16	64329	5
14.00		2534	35	(34.92)	1.3/8	15139	20	62.00		64329	5
(14.29)	9/16	2608	35	35.00		15139	20	63.00		66181	5
15.00		2720	35	(35.72)	1.13/32	16284	20	(63.50)	2.1/2	66181	5
(15.08)	19/32	2720	35	36.00		16284	20	64.00		72259	5
15.87	5/8	2784	35	(36.51)	1.7/16	17177	20	65.00		72259	3
16.00		2784	35	37.00		17177	20	(65.09)	2.9/16	72259	3
(16.67)	21/32	2933	35	(37.31)	1.15/32	17666	20	66.00		75764	3
17.00		2933	35	38.00		18902	20	(66.67)	2.5/8	75764	3
(17.46)	11/16	3167	35	(38.10)	1.1/2	18902	20	67.00		78924	3
18.00		3406	35	39.00		20726	20	68.00		82758	3
(18.26)	23/32	3406	35	(39.69)	1.9/16	20726	20	(68.26)	2.11/16	82758	3
19.00		3893	35	40.00		20726	20	69.00		86801	3
(19.05)	3/4	3893	35	41.00		22844	20	(69.85)	2.3/4	88428	3
(19.84)	25/32	3908	35	(41.27)	1.5/8	22844	20	70.00		88428	3
20.00		3908	35	42.00		23520	20	71.00		90177	3
(20.64)	13/16	4182	35	(42.86)	1.11/16	24277	20	(71.44)	2.13/16	90177	3
21.00		4182	35	43.00		24277	20	72.00		94301	3
(21.43)	27/32	4419	35	44.00		25662	20	73.00		97796	3
22.00		4419 **	35	(44.45)	1.3/4	25662	20	(73.02)	2.7/8	97796	3
(22.22)	7/8	4689	35	45.00		26569	20	74.00		101495	3
23.00		4966	35	46.00		27553	10	(74.61)	2.15/16	101495	3
(23.02)	29/32	4966	35	(46.04)	1.13/16	27553	10	75.00		105234	3
(23.81)	15/16	5419	35	47.00		28630	10	76.00		110288	3
24.00		5688	35	(47.62)	1.7/8	30107	10	(76.20)	3	110288	3
(24.61)	31/32	5688	35	48.00		30107	10				
25.00		6583	35	49.00		32149	10				
(25.40)	1	6583	35	(49.21)	1.15/16	32149	10				
26.00		7103	35	50.00		34595	10				
(26.19)	1.1/32	7103	35	(50.80)	2	38253	5				

Size upto 25/32" (20 mm) with 3 flutes and above 25/32" (20 mm) and upto 75 mm with 4 flutes and above 75.0 mm will be supplied with 6 flutes.





# Reamers


**HSS HOLE MILLS (FINISHING) GUIDED - TYPE B**
**IS: 5989 - 1998**

Size mm	Price Per Piece (Rs.)	MOQ (No.)	Size mm	Price Per Piece (Rs.)	MOQ (No.)
6	2502	25	25	10199	20
8	2592	25	26	11463	20
10	3036	25	27	11463	20
12	3434	25	28	12501	20
13	4323	25	30	12992	20
14	4323	25	32	15083	20
15	4537	25	34	20386	10
16	4537	25	35	20386	10
18	5891	25	36	21779	10
20	6426	20	38	23286	10
22	7345	20	40	26842	10
24	9458	20	42	29899	10

**HSS HOLE MILLS (ROUGHING) GUIDED - TYPE B**
**IS: 5989 - 1998**

Size mm	Price Per Piece (Rs.)	MOQ (No.)	Size mm	Price Per Piece (Rs.)	MOQ (No.)
5.9	2502	25	24.7	10199	20
7.9	2592	25	25.7	11464	20
9.9	3036	25	26.7	11464	20
11.8	3434	25	27.7	12501	20
12.8	4323	25	29.7	12992	20
13.8	4323	25	31.7	15083	20
14.8	4537	25	33.7	20386	10
15.8	4537	25	34.7	20386	10
17.8	5893	25	35.7	21779	10
19.8	6426	20	37.7	23286	10
21.7	7345	20	39.7	26482	10
23.7	9458	20	41.6	29899	10

For more details please refer our Product Catalogue Page 179.



HSS HAND REAMERS				IS 5444-1978		Inch Sizes BS 328 (PART 4) 1983		
HSS MACHINE REAMERS WITH TAPER SHANK				IS 5445-1978				
HSS CHUCKING REAMERS WITH PARALLEL SHANK				IS 5446-1978				
HSS CHUCKING REAMERS WITH TAPER SHANK				IS 5447-1978				
Dia		Price Per Piece (Rs.)						MOQ (No.)
mm	Inch	Reamers		Reamers		Chucking Reamers		
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
3.00		1176 **	1176 **	1176	1176	1176	1176	25
(3.17)	1/8	1176	1176 *	1176	1176	1176	1176	25
(3.97)	5/32	1176	1176	1176	1176	1176	1176	25
4.00		1176 **	1176 **	1176	1176	1176	1176	25
(4.76)	3/16	1176	1176	1176	1176	1176	1176	25
5.00		1176 *	1176**	1176	1176	1176	1176	25
(5.56)	7/32	1176	1176	1176	1176	1176	1176	25
6.00		1368 *	1368 *	1368	1368	1368	1368	25
(6.35)	1/4	1368 **	1368 **	1368	1368	1368	1368	25
7.00		1372 **	1372 **	1372	1372	1372	1372	25
(7.14)	9/32	1372	1372	1372	1372	1372	1372	25
(7.94)	5/16	1554 **	1554	1554	1554	1554	1554	25
8.00		1554 *	1554 *	1554	1554	1554 **	1554	25
(8.73)	11/32	1620	1620	1620	1620	1620	1620	25
9.00		1620**	1620 **	1620	1620	1620	1620	25
(9.52)	3/8	1767 **	1767 **	1767	1767	1767	1767	25
10.00		1957*	1957 *	1957	1957	1957	1957	25
(10.32)	13/32	1957	1957	1957	1957	1957	1957	25
11.00		2198 **	2198 **	2198	2198	2198	2198	25
11.11	7/16	2198	2198 **	2198	2198	2198	2198	25
(11.91)	15/32	2285	2285	2285	2285	2285	2285	25
12.00		2285 *	2285 *	2285	2285	2285	2285	25
(12.70)	1/2	2373 **	2373 **	2373	2373	2373	2373	25
13.00		2886 **	2886 **	2886	2886	2886	2886	20
(13.49)	17/32	2886	2886	2886	2886	2886	2886	20
14.00		2886 **	2886 **	2886	2886	2886	2886	20
(14.29)	9/16	2886	2886	2886	2886	2886	2886	20
15.00		2904 **	2904 **	2904	2904	2904	2904	20
(15.08)	19/32	2904	2904	2904	2904	2904	2904	20
(15.87)	5/8	2904	2904	2904	2904	2904	2904	20
16.00		2904 **	2904 *	2904	2904	2904	2904	20
(16.67)	21/32	3344	3344	3344	3344	–	3344	20
17.00		3344 **	3344 **	3344	3344	–	3344	20
(17.46)	11/16	3344	3344	3344	3344	–	3344	20
18.00		3580	3580 *	3580	3580	–	3580	20
(18.26)	23/32	3805	3805	3805	3805	–	3805	20
19.00		3805	3805 **	3805	3805	–	3805	15
(19.05)	3/4	3805	3805 **	3805	3805	–	3805	15
20.00		4243 **	4243 *	4243	4243	–	4243	15
(20.64)	13/16	4323	4323	4323	4323	–	4323	15
21.00		4803	4803 **	4803	4803	–	4803	15

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



HSS HAND REAMERS HSS MACHINE REAMERS WITH TAPER SHANK HSS CHUCKING REAMERS WITH PARALLEL SHANK HSS CHUCKING REAMERS WITH TAPER SHANK						IS 5444-1978 IS 5445-1978 IS 5446-1978 IS 5447-1978	Inch Sizes BS 328 (PART 4) 1983	
Dia		Price Per Piece (Rs.)						MOQ (No.)
mm	Inch	Reamers		Reamers		Chucking Reamers		
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
22.00		4803 **	4803 **	4803	4803	–	4803	15
(22.22)	7/8	4803	4803 **	4803	4803	–	4803	15
23.00		5605	5605 **	5605	5605	–	5605	15
(23.81)	15/16	6211	6211	6211	6211	–	6211	15
24.00		6211 **	6211 *	6211	6211	–	6211	15
25.00		6223 **	6223 **	6223	6223	–	6223	15
(25.40)	1	6336	6336 **	6336	6336	–	6336	15
26.00		7691	7691 **	7691	7691	–	7691	10
(26.99)	1.1/16	8796	8796	8796	8796	–	8796	10
27.00		8796	8796 **	8796	8796	–	8796	10
28.00		8796	8796 **	8796	8796	–	8796	10
(28.57)	1.1/8	8796	8796	8796	8796	–	8796	10
29.00		9330	9330	9330	9330	–	9330	10
30.00		10067	10067	10067	10067	–	10067	10
(30.16)	1.3/16	10067	10067	10067	10067	–	10067	10
31.00		11119	11119	11119	11119	–	11119	5
(31.75)	1.1/4	11119	11119	11119	11119	–	11119	5
32.00		11119	11119 **	11119	11119	–	11119	5
33.00		12627	12627 **	12627	12627	–	12627	5
(33.34)	1.5/16	12627	12627	12627	12627	–	12627	5
34.00		14186	14186 **	14186	14186	–	14186	5
(34.92)	1.3/8	15522	15522	15522	15522	–	15522	5
35.00		15522	15522 **	15522	15522	–	15522	5
36.00		15522	15522	15522	15522	–	15522	5
(36.51)	1.7/16	15635	15635	15635	15635	–	15635	5
37.00		17037	17037	17037	17037	–	17037	5
38.00		17037	17037 **	17037	17037	–	17037	5
(38.10)	1.1/2	17037	17037	17037	17037	–	17037	5
39.00		18830	18830	18830	18830	–	18830	5
(39.69)	1.9/16	20580	20580	20580	20580	–	20580	5
40.00		20580	20580 **	20580	20580	–	20580	5
41.00		20755	20755	20755	20755	–	20755	3
(41.27)	1.5/8	20755	20755	20755	20755	–	20755	3
42.00		24461	24461	24461	24461	–	24461	3
42.86	1.11/16	24461	24461	24461	24461	–	24461	3
43.00		24461	24461	24461	24461	–	24461	3
44.00		24461	24461	24461	24461	–	24461	3
(44.45)	1.3/4	24461	24461	24461	24461	–	24461	3
45.00		28663	28663 **	28663	28663	–	28663	3
46.00		28663	28663	28663	28663	–	28663	3
47.00		30949	30949	30949	30949	–	30949	3
(47.62)	1.7/8	33241	33241	33241	33241	–	33241	3
48.00		33241	33241	33241	33241	–	33241	3
49.00		33241	33241	33241	33241	–	33241	3
(49.21)	1.15/16	33241	33241	33241	33241	–	33241	3

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



HSS HAND REAMERS HSS MACHINE REAMERS WITH TAPER SHANK HSS CHUCKING REAMERS WITH PARALLEL SHANK HSS CHUCKING REAMERS WITH TAPER SHANK						IS 5444-1978 IS 5445-1978 IS 5446-1978 IS 5447-1978	Inch Sizes BS 328 (PART 4) 1983	
Dia		Price Per Piece (Rs.)						MOQ (No.)
mm	Inch	Reamers		Reamers		Chucking Reamers		
		Hand	Machine	Hand With H7 Tolerance	Machine With H7 Tolerance	Parallel Shank	Taper Shank	
50.00		33241	33241	33241	33241	–	33241	3
(50.80)	2	33241	33241	33241	33241	–	33241	3
51.00		33241	33241	33241	33241	–	–	3
52.00		39623	39623	39623	39623	–	–	3
(52.39)	2.1/16	39623	39623	39623	39623	–	–	3
53.00		39623	39623	39623	39623	–	–	3
(53.97)	2.1/8	39623	39623	39623	39623	–	–	3
54.00		39623	39623	39623	39623	–	–	3
55.00		46009	46009	46009	46009	–	–	3
(55.56)	2.3/16	46009	46009	46009	46009	–	–	3
56.00		46009	46009	46009	46009	–	–	3
57.00		46009	46009	46009	46009	–	–	3
(57.15)	2.1/4	46009	46009	46009	46009	–	–	3
58.00		49227	49227	49227	49227	–	–	3
(58.74)	2.5/16	49227	49227	49227	49227	–	–	3
59.00		49227	49227	49227	49227	–	–	3
60.00		58406	58406	58406	58406	–	–	3
(60.32)	2.3/8	58406	58406	58406	58406	–	–	3
61.00		58406	58406	58406	58406	–	–	3
(61.91)	2'7/16	58406	58406	58406	58406	–	–	3
62.00		58406	58406	58406	58406	–	–	3
63.00		58406	58406	58406	58406	–	–	3
(63.50)	2.1/2	58406	58406	58406	58406	–	–	3
64.00		58406	58406	58406	58406	–	–	2
65.00		–	70517	–	70517	–	–	2
(65.09)	2.9/16	70517	70517	70517	70517	–	–	2
66.00		–	72896	–	72896	–	–	2
(66.67)	2.5/8	72896	72896	72896	72896	–	–	2
67.00		–	72896	–	72896	–	–	2
68.00		–	78146	–	78146	–	–	2
(68.26)	2.11/16	78146	78146	78146	78146	–	–	2
69.00		–	78146	–	78146	–	–	2
(69.85)	2.3/4	78146	78146	78146	78146	–	–	2
70.00		–	78146	–	78146	–	–	2
71.00		–	78146	–	78146	–	–	2
(71.44)	2.13/16	82105	82105	82105	82105	–	–	2
72.00		–	95467	–	95467	–	–	2
73.00		–	95467	–	95467	–	–	2
(73.02)	2.7/8	95467	95467	95467	95467	–	–	2
74.00		–	95467	–	95467	–	–	2
(74.61)	2.15/16	95467	95467	95467	95467	–	–	2
75.00		–	100427	–	100247	–	–	2
76.00		–	100247	–	100247	–	–	2
(76.20)	3	100247	100247	100247	100247	–	–	2

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



## HSS TAPER SHANK EXTRA LONG MACHINE REAMERS

Dia (mm)	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
8 x 125 x 200	2250	30	5/16 x 125 x 200	2250	30
8 x 175 x 250	2404	30	5/16 x 175 x 250	2404	30
8 x 200 x 300	2637	30	5/16 x 200 x 300	2637	30
8 x 225 x 300	3308	30	3/8 x 125 x 200	2826	30
9 x 125 x 200	2194	30	3/8 x 175 x 250	3015	30
9 x 175 x 250	2527	30	3/8 x 200 x 300	3199	30
10 x 125 x 200	2826	30	7/16 x 160 x 250	3349	30
10 x 175 x 250	3015	30	7/16 x 200 x 300	3529	30
10 x 200 x 300	3199	30	1/2 x 175 x 200	3775	30
10 x 300 x 400	3419	30	1/2 x 200 x 300	3816	30
12 x 160 x 250	3349 **	30	9/16 x 200 x 300	4486	30
12 x 200 x 300	3529	30	9/16 x 250 x 350	4754	30
13 x 200 x 300	4035	30	5/8 x 200 x 300	4486	30
14 x 160 x 250	3761	30	5/8 x 250 x 350	4801	30
14 x 200 x 300	4417	30	5/8 x 300 x 400	5018	30
15 x 200 x 300	4486	30	11/16 x 200 x 300	5568	30
15 x 300 x 400	5018	30	3/4 x 200 x 300	5910	30
16 x 200 x 300	4272	30	3/4 x 300 x 400	6289	30
16 x 300 x 400	5018	30	13/16 x 200 x 300	7447	30
17 x 200 x 300	5060	30	7/8 x 200 x 300	8821	20
18 x 200 x 300	5563	30	7/8 x 300 x 400	9011	20
19 x 200 x 300	5910	30	1 x 275 x 400	10859	20
20 x 200 x 300	6556	30	1 x 200 x 315	9668	20
20 x 300 x 400	7408	30	1-1/8 x 275 x 400	16497	20
22 x 200 x 300	7447	20	-	-	-
25 x 200 x 315	9668	20	-	-	-
25 x 275 x 400	10865	20	-	-	-
26 x 275 x 400	13427	20	-	-	-
28 x 175 x 400	15423	20	-	-	-



**HSS MACHINE JIG REAMERS WITH RH CUTTING  
AND LH HELICAL FLUTES**

**IS: 11002 - 1984**

Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)
6	1912	20	29	11291	5
7	2035	20	30	11291	5
8	2035	20	31	13071	5
9	2204	20	32	13071	5
10	2513	20	33	15351	5
11	2513	20	34	17677	5
12	2880	20	35	17677	5
13	3421	20	36	18966	5
14	3421	20	37	20276	5
15	3762	20	38	20276	5
16	3762	15	39	20276	5
17	4344	15	40	23307	5
18	4864	15	41	23307	5
19	4864	15	42	26039	3
20	5305	15	43	26039	3
21	6120	15	44	28610	3
22	6120	15	45	31070	3
23	6120	15	46	31070	3
24	7880	10	47	33873	3
25	8541	10	48	36837	3
26	9547	10	49	36837	3
27	9547	10	50	40954	3
28	10374	10			

**HSS MACHINE JIG REAMERS WITH RH CUTTING  
AND LH HELICAL FLUTES**

**BS : 122 (Part-2) 1964**

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	1912	20	15/16	7548	15
9/32	2035	20	1	8194	10
5/16	2035	20	1.1/16	9190	10
11/32	2132	20	1.1/8	9991	10
3/8	2132	20	1.3/16	10879	5
13/32	2471	20	1.1/4	12577	5
7/16	2471	20	1.5/16	14736	5
15/32	2669	20	1.3/8	16428	5
1/2	2731	20	1.7/16	18240	5
9/16	3322	20	1.1/2	19509	5
5/8	3580	20	1.5/8	20056	5
11/16	4243	15	1.3/4	26977	3
3/4	4687	15	1.7/8	32519	3
13/16	5139	15	2	39408	3
7/8	5891	15			

For more details please refer our Product Catalogue Page 72 & 73.


**HSS SHELL REAMERS (TAPER HOLE 1 IN 30)**
**IS: 5926 - 1970**
**RH CUTTING STRAIGHT FLUTES**

Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)
21, 22, 23	3874	5	64	16420	3
24, 25	3874	5	65, 66	16577	3
26, 27	4104	5	67	18187	3
28	4405	5	68, 69	18187	3
29	4616	5	70	18187	3
30	4639	5	71	20018	3
31	4824	5	72, 73	20223	3
32	4855	5	74, 75	21978	3
33	5098	5	76	22192	3
34	5304	5	77, 78	24641	3
35	5364	5	79	24895	3
36	5587	5	80	27288	3
37	5804	5	81	27288	3
38	5884	5	82	27288	3
39, 40	6178	5	83	29151	3
41	6451	5	84	29151	3
42, 43	7320	5	85	29434	3
44	7426	5	86	31229	3
45	7745	5	87	31229	3
46	7745	5	88	31229	3
47	8113	5	89	31528	3
48	8275	5	90	36923	3
49	8332	5	91	37290	3
50	8672	5	92	37290	3
51	9516	5	93	38601	3
52,53,54	9605	5	94	38601	3
55, 56	10540	5	95	38982	3
57	10540	5	96	44665	3
58, 59	11816	5	97	44665	3
60	11816	5	98	45003	3
61	14141	5	99, 100	49818	3
62, 63	14276	5			

**HSS SHELL REAMERS (TAPER HOLE 1 IN 96)**
**BS : 328 (PART 4) 1983**
**RH CUTTING WITH LH HELICAL FLUTES**

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1	3885	5	2-1/8	9516	5
1-1/16	4104	5	2-1/4	10364	5
1-1/8	4365	5	2-3/8	11561	5
1-3/16	4554	5	2-1/2	14141	5
1-1/4	4824	5	2-5/8	16420	3
1-5/16	5067	5	2-3/4	18009	3
1-3/8	5304	5	2-7/8	20196	3
1-7/16	5541	5	3	21978	3
1-1/2	5783	5	3-1/8	24641	3
1-9/16	6107	5	3-1/4	27051	3
1-5/8	6376	5	3-3/8	29151	3
1-11/16	7249	5	3-1/2	31229	3
1-3/4	7399	5	3-5/8	36946	3
1-13/16	7671	5	3-3/4	38601	3
1-7/8	7930	5	3-7/8	44665	3
1-15/16	8283	5	4	49348	3
2	8583	5			

For more details on these products, please refer our Product Catalogue Pages 76 to 78.



**HSS MACHINE BRIDGE REAMERS WITH RH CUTTING  
AND LH HELICAL FLUTES**

**IS: 5919 - 1978**

Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)
6.4	2043	25	23	8149	10
7.4	2043	25	23.5	8149	10
8.4	2392	25	24	8863	10
9.4	2701	25	25	8863	10
10	2988	25	26	9991	10
11	2988	25	27	9991	10
11.5	3491	25	28	10813	10
12	3491	25	29	11673	10
13	3805	15	30	11673	10
13.5	3805	15	31	12857	5
14	3805	15	32	12857	5
15	4417	15	33	13833	5
17	5449	15	34	14841	5
17.5	5449	15	35	14841	5
18	6120	15	36	15836	5
19	6120	15	37	16883	5
20	6726	10	40	26842	3
21	7473	10	43	31769	3
21.5	7473	10	49	43210	3
22	7473	10			

**HSS MACHINE BRIDGE REAMERS WITH RH CUTTING  
AND LH HELICAL FLUTES**

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

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	1997	25	15/16	8149	10
5/16	2225	25	1	8863	10
3/8	2543	25	1.1/16	9644	10
7/16	2988	25	1.1/8	10360	10
1/2	3229	25	1.3/16	11205	10
9/16	3805	15	1.1/4 MT3	12501	5
5/8	4417	15	1.1/4 MT4	12857	5
11/16 MT2	4444	15	1.5/16	13233	5
11/16 MT3	5449	15	1.3/8	14186	5
3/4	6120	15	1.7/16	15161	5
13/16	6499	10	1.1/2	16883	5
7/8	7473	10			

For more details please refer our Product Catalogue Page 86.



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

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

Morse Taper No.	Price Per Piece (Rs.)		MOQ (No.)	Morse Taper No.	Price Per Piece (Rs.)		MOQ (No.)
	Parallel Shank	Taper Shank			Parallel Shank	Taper Shank	
0	2701	3204	35	4	9947	11850	35
1	2971	3380	35	5	20276	21779	20
2	4137	5018	35	6	35779	49888	5
3	6014	7523	35				

RH Cutting with LH Spiral Flutes will be supplied as standard for Finishing Reamers  
RH Cutting with RH Spiral Flutes will be supplied as standard for Roughing Reamers  
For more details on these products, please refer our Product Catalogue Page 81.



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

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

Dia Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Price Per Piece (Rs.)		MOQ (No.)
	Hand	Machine			Hand	Machine	
3	2526	2526	20	16	5722**	5722	10
4	2526	2526	20	20	8898	8898	10
5	2526 **	2526	20	25	9441	9441	10
6	2526 *	2526	20	30	12704	12704	10
8	3419 **	3419	20	32	13958	13958	10
10	3792 **	3792	20	40	24960	24960	5
12	4577 **	4577	15	50	43258	43258	3
14	5139	5139	15				

14 mm will be as per IS : 1836-1961

RH Cutting Straight Flutes will be supplied as standard for Hand Taper Pin Reamers.

RH Cutting with LH Helical Flutes will be supplied as standard for Machine Taper Pin Reamers.

For more details please refer our Product Catalogue Pages 82 and 84.



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

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

Dia Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Price Per Piece (Rs.)		MOQ (No.)
	Hand	Machine			Hand	Machine	
9/64	2353	-	25	3/8	3281 **	3281	25
5/32	2353	2353	25	13/32	3681	3681	25
11/64	2353	2353	25	7/16	3790	3790	25
3/16	2353	2353	25	1/2	4283	4283	25
7/32	2353	2353	25	9/16	4952	4952	25
1/4	2353 **	2353	25	5/8	5508	5508	25
9/32	2575	2575	25	3/4	6944	6944	20
5/16	2851	2851	25	7/8	8568	8568	20
11/32	3217	3217	25				

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

**HSS CENTRE REAMERS RH ROTATION WITH STRAIGHT FLUTES**

**BS : 122 (PART 2) 1964**

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	1250 **	20	5/8	2410	20
3/8	1437 **	20	3/4	2962	20
1/2	1772	20			

For more details please refer our Product Catalogue Page 87.



# Milling Cutters



### HSS CYLINDRICAL CUTTERS

IS : 6309 - 1982

Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)
40	(20)	2802	3	80	80	13585	3
	(32)	3501	3		100	15639	3
	(50)	4359	3	100	(40)	11288	2
	(70)	5843	3		(70)	17098	2
50	(25)	3589	3	100	(90)	21185	2
50	40	4251	3		(110)	29761	2
	63	5565	3		125	36254	2
	80	7221	3	125	(50)	25483	2
63	(32)	5110	3		(80)	36148	2
63	50	6444	3	125	(110)	48647	2
	70	8480	3		(125)	54423	2
	(90)	9957	3		140	60531	2
80	(36)	7221	3	160	125	90554	2
	63	11481	3				

Type-N Cutters with Right Hand Helix will be supplied as Standard.  
Bracketed sizes are as per IS 1831-1961/IS 6309-1971

### HSS HIGH POWER CYLINDRICAL CUTTERS WITH LIFT HAND HELIX

TO BS : 122  
(PART 1) 1953

Length Inch	Price Per Piece (Rs.)									
	2-1/2"	MOQ (No.)	3"	MOQ (No.)	3-1/2"	MOQ (No.)	4"	MOQ (No.)	4-1/2"	MOQ (No.)
1	4568	3	5759	3	6381	3	8069	3	11636	3
2	6762	3	8862	3	10640	3	14125	3	19538	3
3	8996	2	12039	2	14857	2	20169	2	27598	2
4	11207	2	15301	2	19129	2	25705	2	36148	2
5	13514	2	21517	2	28130	2	35688	2	44504	2
6	15815	2	27404	2	33474	2	41722	2	52889	2
7	18044	2	31970	2	38884	2	49739	2	61929	2
8	21129	2	36518	2	44295	2	56655	2	69785	2

### HSS HELICAL CYLINDRICAL CUTTERS WITH LEFT HAND HELIX

BS : 122  
(PART 1) 1953

Length Inch	Price Per Piece (Rs.)						Length Inch	Price Per Piece (Rs.)					
	3"	MOQ (No.)	4"	MOQ (No.)	5"	MOQ (No.)		3"	MOQ (No.)	4"	MOQ (No.)	5"	MOQ (No.)
2	12743	3	18711	3	31205	3	5	31340	2	46111	2	63598	2
3	16130	2	25030	2	42035	2	6	39739	2	54258	2	74565	2
4	21692	2	31874	2	52902	2							

For more details please refer our Product Catalogue Page no. 108 to 110.



### HSS SIDE AND FACE CUTTERS

### IS : 6308 - 1982 - TOOL TYPE-N

Dia mm	Width mm	Bore mm	Price Per Piece (Rs.)		MOQ (No.)	Dia mm	Width mm	Bore mm	Price Per Piece (Rs.)		MOQ (No.)
			Straight Teeth Type B	Staggered Teeth Type A					Straight Teeth Type B	Staggered Teeth Type A	
50	5	16	3284	4083	4	150	28		24775	31045	4
	6		3413	4251	4		32		26629	33869	4
	8		3501	4367	4	160	6	40	14617	16324	3
	10		3720	4648	4		8		15534	17356	3
63	6	22	4023	5199	4		10		16457	18384	3
63	8	22	4251 **	5673	4	160	12	40	17361	19385	3
	10		4622 **	5843	4		14		18274	20423	3
	12		4822	6295	4		16		19351	21444	3
	14		4967	6753	4		18		20723	23727	3
	16		5211	7285	4		20		21758	23727	3
63	18	22	5557	7501	4	160	22	40	23040	26301	3
80	6	27	4404	5528	4		25		24868	30497	3
	8		4881	6016	4		28		26629	31754	3
	10		5211	6883	4		32		28985	34623	3
	12		5557	7285	4	200	6	40	19129	21216	3
80	14	27	5910	7815	4	200	8	40	20639	22849	3
	16		6182	7975	4		10		22337	25112	3
	18		6883	9032	4		12		25818	28390	3
	20		7182	9472	4		14		27501	30376	3
100	6	32	6295	7634	4		16		29200	32396	3
100	8	32	6729	8170	4	200	18	40	32588	36733	3
	10		7439	8757	4		20		32942	37855	3
	12		7975 **	9734	4		22		35971	41175	3
	14		8448	9957	4		25		39357	45216	3
	16		9032	10742	4		28		41436	48024	3
100	18	32	9632	11043	4	200	32	40	46057	53826	3
	20		10372	11661	4	225	6		24640	26723	3
	22		10859	13334	4		8		26896	29416	3
	25		11799	14537	4		10		29278	31687	3
125	6	32	8826	10950	4		12		34083	37195	3
125	8	32	9472	11799	4	225	14		36537	40216	3
	10		10148	13728	4		16		39035	43203	3
	12		11567	14253	4		18		44035	50069	3
	14		12530	15227	4		20		44035	50069	3
	16		13060	15815	4		22		48612	55443	3
125	18	32	14007	18038	4	225	25		53234	60638	3
	20		14504	19461	4		28		57963	65541	3
	22		16017	21147	4		32		62685	70417	3
	25		17514	21991	4	250	6		28278	30981	3
	28		19721	25174	4		8		31163	33692	3
150	6		10742	13813	4	250	10		33852	36368	3
	8		11684	14943	4		12		39596	43362	3
	10		12678	16101	4		14		42866	46724	3
	12		14683	18547	4		16		46025	50069	3
	14		15704	19721	4		18		52026	57923	3
150	16		16732	20917	4	250	20		52026	57923	3
	18		18787	23201	4		22		57574	64187	3
	20		18787	23201	4		25		63477	69897	3
	22		20859	25707	4		28		69003	77340	3
	25		22868	28313	4		32		74470	84811	3

For more details please refer our Product Catalogue Page no. 111 to 114.



### HSS SIDE AND FACE CUTTERS

### BS : 122 (PART 1) - 1953

Dia Inch	Width Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Width Inch	Price Per Piece (Rs.)		MOQ (No.)
		Straight Teeth Type B	Staggered Teeth Type A				Straight Teeth Type B	Staggered Teeth Type A	
2.1/2	1/4	4023		4	5	5/16	9472	11799	4
	5/16	4214		4		3/8	10148	13728	4
	3/8	4404		4		7/16	10859	13971	4
	7/16	4603		4		1/2	11567	14253	4
	1/2	4801		4		5/8	13060	15815	4
2.1/2	5/8	5146		4	5	3/4	14504	18044	4
	3/4	5496		4		7/8	16017	20917	4
	7/8	5865		4		1	17514	21991	4
	1	6277		4		1.1/4	20228		4
	1.1/4	7056		4		1.1/2	23013		4
2.1/2	1.1/2	7862		4	6	1/4	10742	13813	3
3	1/4	4458	5598	4		5/16	11684	14943	3
	5/16	4685	5953	4		3/8	12678	16101	3
	3/8	4967	6653	4		7/16	13679	17305	3
	7/16	5199	6762	4		1/2	14683	18547	3
3	1/2	5473	6883	4	6	5/8	16727	20917	3
	5/8	6002	7706	4		3/4	18787 **	23201	3
	3/4	6444	8186	4		7/8	20859	25707	3
	7/8	7171	8926	4		1	22868	28296	3
	1	7750	9632	4		1.1/4	26629		3
3	1.1/4	8556		4	6	1.1/2	30376		3
	1.1/2	9777		4	7	1/4	15928	18044	3
3.1/2	1/4	5297		4		5/16	17235	20710	3
	5/16	5598		4		3/8	18544	22338	3
	3/8	5953		4		7/16	19784	23457	3
3.1/2	7/16	6306		4	7	1/2	21369	24519	3
	1/2	6614		4		5/8	23924	28757	3
	5/8	7331		4		3/4	26533	32167	3
	3/4	8031		4		7/8	29170	35389	3
	7/8	8658		4		1	31775	38551	3
3.1/2	1	9523		4	7	1.1/4	36970		3
	1.1/4	10773		4		1.1/2	42225		3
	1.1/2	12141		4	8	1/4	19129	21245	3
4	1/4	6277	7634	4		5/16	20639	22849	3
	5/16	6729	8170	4		3/8	22337	25112	3
4	3/8	7182 **	8658	4	8	7/16	24075	26752	3
	7/16	7634	9187	4		1/2	25818	28390	3
	1/2	7975 **	9734	4		5/8	29200	32396	3
	5/8	9032	10742	4		3/4	32588	36846	3
	3/4	9957	12259	4		7/8	35971	41175	3
4	7/8	10859	13334	4	8	1	39357	45205	3
	1	11799	14537	4		1.1/4	46050		3
	1.1/4	13409		4		1.1/2	52741		3
	1.1/2	14771		4	9	1/4	24640	27217	3
5	1/4	8826	10330	4		5/16	26896	29416	3

For more details please refer our Product Catalogue Page no. 111 to 114.



### HSS SIDE AND FACE CUTTERS

**BS : 122 (PART 1) - 1953**

Dia Inch	Width Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Width Inch	Price Per Piece (Rs.)		MOQ (No.)
		Straight Teeth Type B	Staggered Teeth Type A				Straight Teeth Type B	Staggered Teeth Type A	
9	3/8	29278	31687	3	10	5/16	31163	33692	3
	7/16	31555	34874	3		3/8	33852	36368	3
	1/2	34084	37242	3		7/16	36380	38043	3
	5/8	39035	43203	3		1/2	39596	43362	3
	3/4	43248	50069	3		5/8	46025	50069	3
9	7/8	48612	55443	3	10	3/4	52026	57923	3
	1	53234	57557	3		7/8	57576	64187	3
	1.1/4	62685	70417	3		1	63479	69897	3
	1.1/2	72161	80488	3		1.1/4	74470	84811	3
	1.3/4	88490	98175	3		1.1/2	86354	97450	3
10	1/4	28278	30981	3	1.3/4	104868	117104	3	

For more details please refer our Product Catalogue Page no. 111 to 114.

### HSS KEYWAY MILLING CUTTERS

**IS : 6355 - 1982**

Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (Nos)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (Nos)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (Nos)	
50	5	2980	4	100	6	5759	2	160	12	16745	2	
	6	3221	4		8	6181	2		14	17842	2	
	8	3417	4		10	6729	2		16	19103	2	
	10	3568	4		12	7331	2		18	20331	2	
63	5	3495	4	100	14	7885	2	160	20	21692	2	
63	6	3495	4		16	8485	2		22	23097	2	
	8	3658	4		18	8979	2		25	25075	2	
	10	4023	4		20	9177	2		28	26477	2	
	12	4367	4		22	10250	2		32	29963	2	
	14	4622	4	125	25	10950	2	200	12	24624	2	
	16	4967	4		8	8826	2		14	26016	2	
	18	5338	4		10	9653	2		16	27667	2	
	80	5	4890		2	12	10528		2	18	29616	2
	6	4890	2	125	14	11605	2	200	20	31704	2	
	8	5211	2		16	12376	2		22	34065	2	
	80	10	5562		2	18	13409		2	25	36726	2
		12	6229		2	20	14201		2	28	39799	2
		14	6729		2	22	15126		2	32	44300	2
16		7151	2	25	16559	2	36	48797	2			
	18	7555	2	160	28	18274	2		40	53428	2	
	80	20	8031		2	10	15904		2			

### RECOMMENDED STANDARD BORES IN MM

Dia	Bore	Dia	Bore	Dia	Bore
50	16	100	32	160	40
63	22	125	32	200	40
80	27				

For more details please refer our Product Catalogue Page no. 118



### HSS SLOTTING CUTTERS

BS : 122 (PART 1) 1953

Dia Inch	Width Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Width Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Width Inch	Price Per Piece (Rs.)	MOQ (No.)
2.1/2	1/4	2421	4		5/16	3788	3		5/16	7285	3
	5/16	2624	4	3 1/2	3/8	4096	3		3/8	7926	3
	3/8	2806	4		7/16	4404	3	5	7/16	8593	3
	7/16	2962	4		1/2	4722	3		1/2	9258	3
	1/2	3129	4		5/8	5376	3		5/8	10528	3
2.1/2	5/8	3501	4		3/4	5843	3		3/4	11567	3
	3/4	3749	4	3 1/2	7/8	6306	3		7/8	12625	3
	7/8	4011	4		1	6762	3	5	1	13679	3
	1	4251	4	4	3/16	4161	3	6	1/4	8593	3
3	1/4	2767	4		1/4	4161	3		5/16	9524	3
3	5/16	2980	4		5/16	4648	3		3/8	10444	3
	3/8	3204	4	4	3/8	5072	3		7/16	11379	3
	7/16	3501	4		7/16	5910	3	6	1/2	12327	3
	1/2	3679	4		1/2	5953	3		5/8	14198	3
	5/8	4142	4		5/8	7441	3		3/4	15744	3
3	3/4	4513	4		3/4	7555	3		7/8	17305	3
	7/8	4982	4	4	7/8	8696	3		1	18919	3
	1	5496	4		1	8955	3				
3.1/2	1/4	3451	3	5	1/4	6653	3				

For more details please refer our Product Catalogue Page no. 115.

### HSS SINGLE ANGLE CUTTERS RH CUTTERS IN TYPE-H

IS : 6324 - 1971

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
50	12	16	60, 65, 70	3101	3	80	32	22	70, 75, 80	7221	3
			75, 80, 85								
63	18	22	60, 65, 70	4622	3	100	36	27	70, 75, 80	10835	3
			75, 80, 85								
63	26	22	70, 75, 80	5496	3						

### HSS SINGLE ANGLE CUTTERS RH CUTTERS

BS : 122 (PART 1) 1953

Width	Angle	Price Per Piece (Rs.) Dia Inch		MOQ (No.)	Width	Angle	Price Per Piece (Rs.) Dia Inch		MOQ (No.)
Inch	(Degrees)	2-3/4"	3"		Inch	(Degrees)	2-3/4"	3"	
5/16	30	3845	4251	3	1/2"	45, 50, 55, 60, 65, 70, 80	4458	5034	3
7/16	40	4214	4807	3	5/8"	50,60,65,70,80	4967	5598	3

Price for LH Cutters will be same as above.

For more details please refer our Product Catalogue Page no. 120.



### HSS DOUBLE ANGLE CUTTERS RH CUTTERS WITH TYPE-H

IS: 6325 - 1971

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
50	12	16	12 x 55, 15 x 60	3413	4
			65, 70, 75 & 80		4
63	18	22	12 x 55, 15 x 60	4668	4
			65, 70, 75 & 80		4
50	14	16	20 x 90	3720	4
63	20	22	20 x 90	4890	4
50	16	16	25 x 100	4023	4
63	22	22	25 x 100	5288	4
80	32	22	15 x 65, 70, 75	7221	3
100	36	27	15 x 70, 75, 80	10835	3

### HSS DOUBLE ANGLE CUTTERS RH CUTTERS

BS 122 (PART 1) 1953

Dia Inch	Width Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Width Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)
Angle in Degrees : 12 x 48, 53, 63, 68, 73					Angle in Degrees : 12 x 48, 53, 63, 68, 73				
2-3/4	5/8	1	4458	3	3	5/8	1-1/4	5562	3
	3/4	1	5376	3		3/4	1-1/4	5598	3

For more details please refer our Product Catalogue Page nos. 121 & 122.

### HSS EQUAL ANGLE CUTTERS RH CUTTERS

BS 122 (PART 1) 1953

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
50	8	16	45	3004	3	80	12	27	45	4489	3
50	10	16	60	3137	3	80	18	27	60	5086	3
50	14	16	90	3536	3	80	22	27	90	5759	3
63	10	22	45	3658	3	100	18	32	45	7097	3
63	14	22	60	4049	3	100	25	32	60	8301	3
63	20	22	90	4682	3	100	32	32	90	9714	3

### HSS EQUAL ANGLE CUTTERS (TYPE-H) TO OLD SPECIFICATION

IS : 6326 - 1971

Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Bore mm	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
56	10	16	45	3413	3	80	16	22	45	4881	3
56	12	16	60	3568	3	80	20	22	60	5297	3
56	14	16	90	3845	3	80	22	22	90	5759	3
63	12	22	45	3845	3	100	18	27	45	7097	3
63	16	22	60	4251	3	100	25	27	60	8301	3
63	18	22	90	4458	3	100	28	27	90	8996	3

### HSS EQUAL ANGLE CUTTERS

BS 122 (PART 1) 1953

Dia Inch	Width Inch	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Width Inch	Angle (Degrees)	Price Per Piece (Rs.)	MOQ (No.)
2.3/4	5/16	30, 40	3845	3	3	5/16	30, 40	4251	3
2.3/4	7/16	40	4023	3	3	7/16	30, 40	4458	3
2.3/4	1/2	45, 60, 90	4023	3	3	1/2	45, 60, 90	4458	3
2.3/4	5/8	60, 90	4458	3	3	5/8	60, 90	4881	3

For more details please refer our Product Catalogue Page no. 123.



### HSS CONVEX CUTTERS (TYPE-N)

IS: 6323 - 1982

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
50	3.2	1.6	16	4096	2	80	12.6	6.3	27	6748	2
50	4	2	16	4096	2	80	16	8	27	7407 **	2
63	5	2.5	22	5146	2	100	20	10	32	11367	2
63	6	3	22	5146	2	100	24	12	32	12542	2
63	6.3	3.15	22	5146	2	100	25	12.5	32	13264	2
63	8	4	22	5146	2	125	32	16	32	21922	2
63	10	5	22	5673	2	125	40	20	32	26414	2
80	12	6	27	6748	2						

For more details please refer our Product Catalogue Page no. 124.

### CONVEX CUTTERS (TYPE-N) TO OLD IS SPECIFICATION with the following dimensions and prices :

IS : 6323 - 1971

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
50	3	1.5	22	4096	2	70	16	8	22	6729	2
50	3.2	1.6	22	4096	2	90	18	9	27	8996	2
50	4	2	22	4096	2	90	20	10	27	9472	2
56	5	2.5	22	4850	2	90	22	11	27	10439	2
56	6	3	22	4850	2	90	24	12	27	11186	2
63	6	3	22	5146	2	90	25	12.5	27	11567	2
63	8	4	22	5146	2	100	28	14	32	14268	2
63	10	5	22	5673	2	110	32	16	32	18044	2
70	12	6	22	6116	2	110	36	18	32	23819	2
70	14	7	22	6729	2	125	40	20	40	26414	2

### HSS CONCAVE CUTTERS (TYPE-N)

IS : 6322 - 1982

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
50	8	1.6	16	4890	2	80	24	6.3	27	10144	2
50	9	2	16	5115	2	80	32	8	27	11927	2
63	10	2.5	22	5612	2	100	36	10	32	16617	2
63	12	3	22	6042	2	100	40	12	32	17514	2
63	12	3.15	22	6042	2	100	40	12.5	32	17514	2
63	16	4	22	6217	2	125	50	16	32	36903	2
63	20	5	22	7295	2	125	60	20	32	40106	2
80	24	6	27	10082	2						

For more details please refer our Product Catalogue page no. 126.



### HSS CONCAVE CUTTERS (TYPE-N) TO OLD IS SPECIFICATION

IS 6322-1971

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
56	8	1.5	22	5146	2	90	40	10	27	15815	2
56	8	1.6	22	5146	2	100	42	11	27	18445	2
56	9	2	22	5408	2	100	44	12	27	19064	2
56	10	2.5	22	5562	2	100	46	12.5	27	19435	2
63	14	3.5	22	6229	2	100	50	14	27	21387	2
70	24	6	22	8696	2	125	56	16	32	29440	2
70	28	7	22	9127	2	125	62	18	32	40106	2
90	36	9	27	14253	2	125	70	20	32	42225	2

### HSS CONVEX CUTTERS HSS CONCAVE CUTTERS

BS : 122 (PART 1) 1953

Dia Inch	D.O.C. Inch	Bore Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	D.O.C. Inch	Bore Inch	Price Per Piece (Rs.)		MOQ (No.)
			Convex	Concave					Convex	Concave	
2.1/4	1/8	1	4359	5146	2	3	3/4	1	7862	11354	2
2.1/4	3/16	1	4648	5336	2	3.1/4	13/16	1	8896	13585	2
2.1/4	1/4	1	4857	5686	2	3.1/4	7/8	1	9472	13813	2
2.1/2	5/16	1	5146	6229	2	3.1/2	15/16	1	10610	16164	2
2.1/2	3/8	1	5483	6753	2	3.1/2	1	1	11097	16392	2
2.1/2	7/16	1	5683	7295	2	4	1.1/8	1.1/4	14268	20040	2
2.1/2	1/2	1	6118	7779	2	4	1.1/4	1.1/4	15704	21387	2
2.3/4	9/16	1	6229	9127	2	4.1/4	1-3/8	1.1/4	21612	28182	2
2.3/4	5/8	1	6762	9356	2	4.1/4	1-1/2	1.1/4	23379	32296	2
3	11/16	1	7501	11179	2						

For more details please refer our Product Catalogue pages no. 125 & 127.

### HSS SINGLE CORNER ROUNDING CUTTERS (RH CUTTERS AND TYPE-N)

IS : 6314 - 1982

Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Radius mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
50	5	1.6	16	4142	2	80	12	6.3	27	7261	2
50	5	2	16	4142	2	80	16	8	27	7815	2
63	5	2.5	22	5034	2	100	18	10	32	15463	2
63	6	3	22	5034	2	100	20	12	32	16123	2
63	6	3.15	22	5034	2	100	20	12.5	32	16123	2
63	8	4	22	5267	2	125	24	16	32	21762	2
63	10	5	22	5612	2	125	28	20	32	25267	2
80	12	6	27	7261	2						

For more details please refer our Product Catalogue page no. 125.



**HSS SINGLE CORNER ROUNDING CUTTERS (RH CUTTERS AND TYPE-N)  
TO OLD IS SPECIFICATION**

**IS : 6314 - 1971**

Dia mm	Corner Radius mm	Width mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Corner Radius mm	Width mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
56	1.6	4	22	4359	2	100	11	21	27	16622	2
56	2.0	4.5	22	4359	2	100	12	22	27	16622	2
56	2.5	5	22	4359	2	100	12.5	22	27	16622	2
63	3.5	7	22	5267	2	100	14	25	27	17606	2
70	6.0	12	22	6002	2	100	16	28	32	18920	2
70	7.0	14	22	6306	2	100	18	31	32	24182	2
90	9.0	18	27	9435	2	125	20	35	32	25718	2
90	10.0	20	27	10250	2						

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

**BS : 122 (PART 1) 1953**

Dia Inch	Corner Radius Inch	Bore Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Corner Radius Inch	Bore Inch	Price Per Piece (Rs.)		MOQ (No.)
			Single Corner	Double Corner					Single Corner	Double Corner	
2.1/4	1/16	1	4568	6455	2	3	3/8	1	7562	10778	2
2.1/4	3/32	1	4568	6455	2	3.1/4	13/32	1	8565	12376	2
2.1/4	1/8	1	4568	6455	2	3.1/4	11/16	1	8565	12376	2
2.1/2	5/32	1	5146	7261	2	3.1/2	15/32	1	10179	14943	2
2.1/2	3/16	1	5146	7261	2	3.1/2	1/2	1	10179	14943	2
2.1/2	7/32	1	5440	7780	2	3.1/2	9/16	1	11207	16715	2
2.1/2	1/4	1	5440	7780	2	3.1/2	5/8	1	11207	16715	2
2.3/4	9/32	1	6381	9257	2	3.3/4	11/16	1	16486	23616	2
2.3/4	5/16	1	6381	9257	2	3.3/4	3/4	1	16486	23616	2
3	11/32	1	7562	10779	2						

For more details please refer our Product Catalogue page nos. 129 & 130.



## HSS INVOLUTE GEAR CUTTERS

14.1/2 & 20 DEG PA

BS : 2518 - 1954

Module mm	Price Per Piece (Rs.)						
	22 mm Bore	1" Bore	27 mm Bore	32 mm Bore	40 mm Bore	50 mm Bore	MOQ (No.)
0.5	–	2754	–	–	–	–	2
0.75	–	2754	–	–	–	–	2
1	2754	2754	–	–	–	–	2
1.25	2893	–	–	–	–	–	2
1.5	3161	3161	–	–	–	–	2
1.75	3161	–	3548	4029	–	–	2
2	–	3548	3548	4029	–	–	2
2.25	–	3548	3548	4029	–	–	2
2.5	–	3912	3912	4556	–	–	2
2.75	–	3912	3912	4556	–	–	2
3	–	4225	4225	5337	–	–	2
3.25	–	–	4441	5621	–	–	2
3.5	–	4668	4668	5724	–	–	2
3.75	–	–	5277	6253	–	–	2
4	–	5277	5277	5928	–	–	2
4.5	–	–	6315	7842	–	–	2
5	–	–	6632	7964	–	–	2
5.5	–	–	7964	8876	–	–	2
6	–	–	9949	10098	–	–	2
6.5	–	–	11372	12012	–	–	2
7	–	–	–	12634	–	–	2
8	–	–	–	14574	–	–	2
9	–	–	–	22380	22380	25512	2
10	–	–	–	24472	25367	27448	2
11	–	–	–	26560	29187	30597	2
12	–	–	–	28260	30597	32235	2
14	–	–	–	35594	36290	39923	2
16	–	–	–	–	–	49993	2

For more details please refer our Product Catalogue page no. 131.



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

**BS : 2518 - 1954**

D.P. No.	Price Per Piece (Rs.)					D.P. No.	Price Per Piece (Rs.)				
	Bore in Inch						Bore in Inch				
	2	1.1/2	1.1/4	1	MOQ		2	1.1/2	1.1/4	1	MOQ
1.5	49993		-	-	2	11	-	-	4029	3548	2
1.75	39922	39922	36101	-	2	12	-	-	4029	3548	2
2	32235	30597	28260	-	2	13	-	-	-	3496	2
2.25	30597	29187	26560	-	2	14	-	-	-	3161	2
2.5	27448	25367	24472	-	2	15	-	-	-	3161	2
2.75	25512	22380	22380	-	2	16	-	-	-	3161	2
3	-	-	14574	-	2	18	-	-	-	2895	2
4	-	-	10098	9949	2	20	-	-	-	2895	2
5	-	-	7964	6632	2	22	-	-	-	2754	2
6	-	-	5924	5277	2	24	-	-	-	2754	2
7	-	-	5724	4668	2	26	-	-	-	2754	2
8	-	-	5338	4225	2	28	-	-	-	2754	2
9	-	-	4556	3912	2	30	-	-	-	2754	2
10	-	-	4470	3873	2						

### STANDARD CUTTERS GROUP

**(8 CUTTERS)**

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

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

### HSS ROTARY FORM CUTTERS FOR ROLLER CHAIN WHEELS

**BS : 228 - 1962**

Pitch Inch	Roller Dia Inch	Price Per Piece (Rs.) Cutter No			MOQ (No.)	Pitch Inch	Roller Dia Inch	Price Per Piece (Rs.) Cutter No			MOQ (No.)
		1	2	3				1	2	3	
0.315	0.197	7285	7285	7285	2	0.75	0.475	12743	12743	12965	2
0.375	0.25	7194	7555	7555	2	1	0.625	24699	24699	24069	2
0.5	0.305	8534	8534	8534	2	1.25	0.75	28970	26794	26794	2
0.5	0.335	8534	8534	8534	2	1.5	1	29170	28970	30107	2
0.625	0.325	8534	8534	8534	2	1.75	1.1	39406	38959	38696	2
0.625	0.4	9563	9563	9563	2	2	1.15	57716	53086	51567	2

Cutter No.

1 - to Cut 9 to 12 Teeth, 2. - to cut 13 to 19 Teeth, 3. to cut 20 Teeth and above

Recommended Standard Bores: Up to 0.75" Pitch - 1",

1" to 1.5" Pitch - 1-1/4, 1.75" & 2 - 1-3/4"

For more details please refer our Product Catalogue page nos. 136 & 137.



**HSS SHELL END MILLS RH HELICAL FLUTES FOR RH CUTTING WITH TOOL TYPE-N**

**IS : 6257 - 1982**

Dia mm	Length mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Length mm	Bore mm	Price Per Piece (Rs.)	MOQ (No.)
40	32	16	5297	4	100	50	32	19129	3
50	36	22	6444 **	4	125	56	40	32072	3
63	40	27	8480 **	4	160	63	50	60531	3
80	45	27	12530	3					

**HSS SHELL END MILLS RH HELICAL FLUTES FOR RH CUTTING**

**BS : 122 (PART 1) 1953**

Dia Inch	Length Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Length Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)
1.1/4	1	1/2	3644	4	3	1.3/4	1.1/4	11179	4
1.1/2	1.1/8	1/2	4458	4	3.1/2	1.7/8	1.1/4	13938	3
1.3/4	1.1/4	3/4	5297	4	4	2.1/4	1.1/2	20499	3
2	1.3/8	3/4	6021	4	4.1/2	2.1/4	1.1/2	24576	3
2.1/4	1.1/2	1	7261	4	5	2.1/4	1.1/2	32072	3
2.1/2	1.5/8	1	8445	4	5.1/2	2.1/4	2	37517	3
2.3/4	1.5/8	1	9603	4	6	2.1/4	2	43269	3

For more details please refer our Product Catalogue Page no. 138.

**HSS FACE CUTTERS RH HELICAL FLUTES FOR RH CUTTING**

**BS : 122 (PART 1) 1953**

Dia Inch	Length Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Length Inch	Bore Inch	Price Per Piece (Rs.)	MOQ (No.)
1.3/4	1.1/4	3/4	4569	4	3	1.11/16	1.1/8	9523	4
2	1.1/4	3/4	5267	4	4	1.3/4	1.1/8	15928	3
2.1/2	1.1/4	3/4	6653	4	5	2	1.1/2	26794	3

For more details please refer our Product Catalogue Page no. 140.

**HSS HOLLOW MILLS RH HELICAL FLUTES FOR RH CUTTING**

**BS : 122 (PART 1) 1953**

Bore Dia Inch	O.S. Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Bore Dia Inch	O.S. Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	5/8	2421	5	5/8	1.1/4	4023	5
9/32	3/4	2886	5	11/16	1.1/2	4622	5
5/16	3/4	2886	5	3/4	1.1/2	4622	5
11/32	3/4	2886	5	13/16	1.1/2	4622	5
3/8	1	3129	5	7/8	1.3/4	5774	5
7/16	1	3129	5	15/16	1.3/4	5774	5
1/2	1	3129	5	1	1.3/4	5774	5
9/16	1.1/4	4023	5				

For more details please refer our Product Catalogue Page no. 118



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

**IS : 2669 - 1971**

Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Width mm	Price Per Piece (Rs.)	MOQ (No.)
10.5	2	1453	35	16.5	5	2024 **	30	28.5	6	4243 **	15
10.5	2.5	1453	35	19.5	4	2300	30	28.5	8	4243	15
10.5	3	1453	35	19.5	5	2300	30	28.5	10	4243	15
13.5	3	1817	30	19.5	6	2300 **	30	32.5	7	5018	10
13.5	4	1817 **	30	22.5	5	2615	25	32.5	8	5018	10
16.5	3	2024 **	30	22.5	6	2615 **	25	32.5	10	5018	10
16.5	4	2024	30	22.5	8	2615	25	45.5	10	8522	10

For more details please refer our Product Catalogue Page no. 115.

**HSS CUTTERS FOR WOODRUFF KEYSEATS**

**BS : 122 (PART 1) 1953**

B.S. No.	Price Per Piece (Rs.)	MOQ (No.)	B.S. No.	Price Per Piece (Rs.)	MOQ (No.)	B.S. No.	Price Per Piece (Rs.)	MOQ (No.)
204	1550	30	607	2962	25	1210	5243	10
304	1550	30	807	2962	25	1011	6380	10
404	1550	30	608	3580 **	25	1211	6380	10
305	2149	30	808	3580	25	812	7208	10
405	2149	30	1008	3580	25	1012	7208	10
505	2149	30	609	4430	15	1212	7208	10
406	2523	30	809	4430 **	15			
506	2523	30	1009	4430	15			
606	2523	30	810	5243 **	10			
507	2962	25	1010	5243	10			

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



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

**IS : 2668 - 2004**

Dia mm	Length mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Length mm	Price Per Piece (Rs.)	MOQ (No.)
10	18	5528	20	22	40	19376	15
12	21	6040	20	28	50	25117	10
14	25	11611	20	36	60	45263	5
18	32	14538	15	42	72	54929	3

**HSS 'T' SLOT CUTTERS  
RH CUTTERS - TOOL TYPE-N**

**BS : 122 (PART 1) 1953**

Dia Inch	Length Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Length Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	37/64	4441	20	7/8	1-45/64	16618	15
5/16	45/64	5009	20	1	1-61/64	20580	10
3/8	53/64	5476	20	1-1/8	2-1/8	26565	5
7/16	61/64	5804	20	1-1/4	2-5/16	31602	5
1/2	1-5/64	7011	20	1-3/8	2-1/2	39006	5
5/8	1-21/64	11348	15	1-1/2	2-3/4	49940	3
3/4	1-33/64	14092	15				

For more details please refer our Product Catalogue page nos. 159 & 160



### HSS TAPER SHANK COUNTER BORES

IS : 5710-1988

Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)	Dia mm	Price Per Piece (Rs.)	MOQ (No.)
13.5	3137	15	28	10548	15	43	20370	10
14.5	3506	15	29	11119	15	46	23194	10
16.5	4024	15	31	12122	15	48	25176	3
17.5	4328	15	33	13888	10	51	28419	3
19.5	5110	15	34	14806	10	53	30876	3
20	5358 **	15	36	16092	10	55	33987	3
22	6132 **	15	37	16769	10	57	37342	3
23	7039	15	39	18169	10	59	41377	3
25	8522	15	41	19704	10	61	46098	3
26	9445 **	15						

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

### HSS TAPER SHANK COUNTER BORES

IS : 5710-1988

Dia Inch	Pilot Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Pilot Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Pilot Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/4	1/8	1861	15	11/16	7/16	4328	15	1-1/4	3/4	12122	15
5/16	3/16	2117	15	3/4	1/2	4864	15	1-3/8	13/16	14806	10
3/8	7/32	2363	15	13/16	9/16	5394	15	1-1/2	7/8	17200	10
7/16	1/4	2444	15	7/8	5/8	6132 **	15	1-5/8	15/16	19715	10
1/2	5/16	2751	15	15/16	5/8	7208	15	1-3/4	1	22335	10
9/16	3/8	3421	15	1	3/4	8522	15	1-7/8	1 1/8	24810	3
5/8	7/16	3819	15	1-1/8	3/4	10548	15	2	1 1/4	27397	3

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

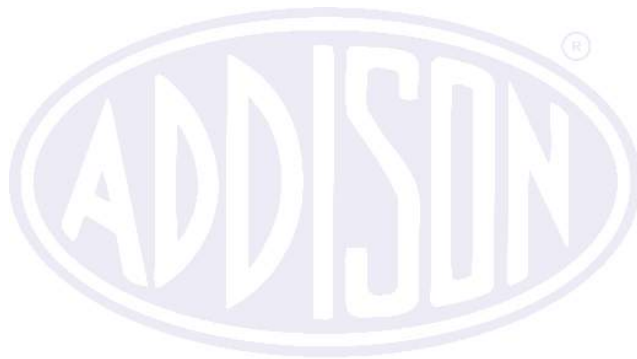
For more details please refer our Product Catalogue page nos. 88 & 89.

### HSS COUNTERSINKS WITH RH CUTTING AND STRAIGHT FLUTES TAPER SHANK (60 or 90 Degrees)

BS : 122 (PART 2) 1964

Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)	Dia Inch	Price Per Piece (Rs.)	MOQ (No.)
1/2	2065 **	15	1-1/8	6380	15	2	19173 **	3
5/8	2742 **	15	1-1/4	8032 **	15	2 1/4	21737	3
3/4	3108 **	15	1-3/8	9389	10	2 1/2	26977 **	3
7/8	3924	15	1-1/2	11127 **	10	2 3/4	31841	3
1	4935 **	15	1-3/4	16453 **	10	3	38509	3

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





## End Mills



**HSS END MILLS PARALLEL SHANK**

**IS: 6353 - 1991**

**HSS END MILLS TAPER SHANK (TANGED END)**

**IS: 6354 - 1971**

**HSS SLOT DRILLS PARALLEL SHANK**

**IS: 6352 - 1991**

**HSS SLOT DRILLS TAPER SHANK (TANGED END)**

**IS: 6388 - 1971**

Dia mm	Price Per Piece (Rs.)							
	M2 END MILLS				M2 SLOT MILLS			
	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)
3	678 *	50	1130	25	824 **	50	1259	25
4	678 *	50	1130	25	824 *	50	1259	25
5	678 *	50	1130	25	824 **	50	1259	25
6	758 *	50	1130	25	881 *	50	1259	25
7	852 **	50	1130	25	881 **	35	1259	25
8	852 *	50	1130	25	881 *	35	1384	25
9	852 **	35	1222	25	881	35	1384	25
10	852 *	35	1222	25	916 *	35	1413	25
11	852 **	35	1344	25	916	35	1413	25
12	881 *	35	1344	25	999 **	35	1577	25
13	997 **	35	1857	25				
14	1092 *	35	1857	25	1277 **	35	1979	25
15	1277 **	35	1979	25	1436 **	35	2053	25
16	1277 *	35	1979	25	1436 **	35	2053	25
17	1395 **	35	2416	20				
18	1551 *	35	2416	20	1768 **	35	2355	25
19	1551 **	35	2790	20				
20	1716 *	35	2790	20	1768 **	25	2355	20
21	1925	35	2928	20	2062	25	2926	20
22	1947*	35	2928	20	2062	25	2926	20
23	2112	30	3193	20	2445	25	3484	20
24	2112**	30	3449	20	2445	25	3484	20
25	2269 *	30	3449	20	2445	25	3484	20
26	2354	20	4295	15	3483	20	4808	20
27	2770	20	4802	15				
28	3231 **	20	4802	15			5093	20
29	3231	20	5282	15				
30	3555 *	20	5282	15	4246 **	20	6108	20
31		20	5608	15				
32	3880	20	5608	15	4246 **	20	6108	20
33	4297	15	6781	10				

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



**HSS END MILLS PARALLEL SHANK**

**IS: 6353 - 1991**

**HSS END MILLS TAPER SHANK (TANGED END)**

**IS: 6354 - 1971**

**HSS SLOT DRILLS PARALLEL SHANK**

**IS: 6352 - 1991**

**HSS SLOT DRILLS TAPER SHANK (TANGED END)**

**IS: 6388 - 1971**

Dia mm	Price Per Piece (Rs.)							
	M2 END MILLS				M2 SLOT MILLS			
	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)
34	4685	15	7438	10	5107	15	7913	15
35	4685 **	15	7438	10	5107	15	7913	15
36	5107 **	15	8151	10	5483	15	9227	15
37	5504	15	8889	10				
38	5866	15	8889	10	5914	15	9227	15
39	6223	15	10335	10				
40	6608 **	15	10335	10	6330	7	10531	10
41	6608	10	10335	10	7159	7		
42	7522	10	11363	10	7159	7		
43	7522	10	11363	10	7960	7		
44		10	11873	10	7960	7		
45	8428	10	12769	10	7960	7		
46	8428	10	13069	5	8838	7		
47	9272	5	13537	5	8838	7		
48	9272	5	13537	5	8838	7		
49	9272	5	15224	5	9692	7		
50	10198	5	15224	5	9692	7		
51	10198	5	15224	4				
52	12554	5	21330	4				
53	12554	5	21330	4				
54	14874	5	26949	4				
55	17884	5	26949	4				
56	17884	5	26949	4				
57	20799	5	28286	4				
58	20799	5	28286	4				
59	20799	5	28286	4				
60	22208	5	28286	4				
61	22208	5	33917	4				
62	22730	5	33917	4				
63	23119 *	5	33917	4				

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



**HSS PARALLEL SHANK END MILLS / SLOT DRILLS**

**BS - 122 (PART 1) 1953**

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

Dia mm	Price Per Piece (Rs.)							
	M2 END MILLS				M2 SLOT MILLS			
	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)	Parallel Shank	MOQ (No.)	Taper Shank	MOQ (No.)
1/8	678	50	1054	25	824	50	1131	25
5/32	678	50	1054	25	824	50	1131	25
3/16	678 **	50	1054	25	824	50	1131	25
7/32	679	50	1080	25	879	50	1239	25
1/4	758**	50	1080	25	881	50	1305	25
9/32	780	50	1080	25	-	-	-	-
5/16	852**	50	1080	25	881	35	1384	25
3/8	852**	35	1173	25	881	35	1384	25
7/16	852	35	1190	25	900	35	1413	25
1/2	881**	35	1344	25	999	35	1577	25
9/16	1092	35	1857	25	1277	35	1979	25
5/8	1277**	35	1979	25	1436	35	2053	25
11/16	1429	35	2231	20	1625	35	2234	25
3/4	1551**	35	2355	20	1768	25	2355	20
13/16	1716	35	2678	20	2062	25	2926	20
7/8	1947	35	2931	20	2062	25	2926	20
15/16	-	-	3181	20	-	-	-	-
1	2269	30	3424	20	2445	25	3484	20
1-1/8	3231	15	4772	15	3483	20	5093	20
1-1/4	3880	15	5608	15	4246	20	6108	20
1-3/8	4685	10	7438	10	5107	15	7913	15
1-1/2	5483	10	8889	10	5914	15	9227	15
1-5/8	6608	10	10335	10	7321	7	-	-
1-3/4	8428	5	11873	10	7960	7	-	-
1-7/8	9293	5	13537	5	8838	7	-	-
2	10176	5	15224	5	9691	7	-	-
2-1/16	12554	5	-	-	-	-	-	-
2-1/8	14874	5	21095	5	-	-	-	-
2-3/16	17884	5	-	-	-	-	-	-
2-1/4	19348	5	26949	-	-	-	-	-
2-5/16	20799	5	-	-	-	-	-	-
2-3/8	22208	5	29410	-	-	-	-	-
2-1/2	25038	5	33917	-	-	-	-	-

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



**M42 PARALLEL SHANK END MILLS  
BS 122 – PART I – 1953**

**IS - 6353-1991**

Size		Price Per Piece (Rs.)		MOQ (No.)	Size		Price Per Piece (Rs.)		MOQ (No.)
mm	Inch	CC	CCTC		mm	Inch	CC	CCTC	
3		1296	1525	15	31		9816	11552	10
(3.17)	1/8	1296	1525	15	(31.75)	1.1/4	9816	11552	10
(3.97)	5/32	1296	1525	15	32		9816	11552	10
4		1296	1525	15	33		9816	11552	10
(4.76)	3/16	1296	1525	15	34		9816	11552	10
5		1296	1525	15	(34.92)	1.3/8	9816	11552	10
(5.56)	7/32	1296	1525	15	35		9816	11552	10
6		1296	1525	15	36		9816	11552	10
(6.35)	1/4	1296	1525	15	37		10580	12440	10
7		1464	1717	15	38		11274	13262	10
(7.14)	9/32	1464	1717	15	(38.10)	1.1/2	11274	13261	10
(7.94)	5/16	1464	1717	15	39		11728	13801	10
8		1464	1717	15	40		12465	14661	10
9		1464	1717	15	41		15895	18702	10
(9.52)	3/8	1464	1717	15	(41.27)	1.5/8	15895	18702	10
10		1464 **	1717	15	42		15895	18702	10
11		1690	1986	15	43		15895	18702	10
(11.11)	7/16	1690	1986	15	44	–	–	–	–
12		1741	2051	15	(44.45)	1.3/4	15895	18702	10
(12.70)	1/2	1741	2051	15	45		15895	18702	10
13		2152	2532	15	46		17528	20618	10
14		2152	2532	15	47		17528	20618	10
(14.29)	9/16	2152	2532	15	(47.62)	1.7/8	17528	20618	10
15		2515	2953	15	48		17528	20618	10
(15.87)	5/8	2515	2953	15	49		17528	20619	10
16		2515	2953	15	50		19231	22621	10
17		3066	3603	15	(50.8)	2	19188	22573	10
(17.46)	11/16	3066	3603	15	51		16022	18851	5
18		3066	3603	15	52		34895	41054	5
19		3066	3603	15	(52.39)	2-1/16	41871	49264	5
(19.05)	3/4	3066	3603	15	53		34895	41054	5
20		3395	3995	15	(53.97)	2-1/8	41871	49264	5
(20.64)	13/16	3845	4528	15	54		34895	41054	5
21		3845	4532	15	55		34895	41054	5
22		3845	4532	15	(55.56)	2-3/16	41871	49264	5
(22.22)	7/8	3845	4528	15	56		34895	41054	5
23		4163	4900	15	57		34895	41054	5
(23.81)	15/16	4481	5269	15	(57.15)	2-1/4	41871	49264	5
24		4481	5269	15	58		34895	41054	5
25		4481 **	5269	15	(58.74)	2-5/16	41871	49264	5
(25.40)	1	4481	5269	15	59		34895	41054	5
26		4523	5323	10	60		34895	41054	5
27		6212	7310	10	(60.32)	2-3/8	41871	49264	5
28		6212	7310	10	61		39955	47008	5
(28.57)	1-1/8	6212	7310	10	62		39955	47008	5
29		6212	7310	10	63		39955	47008	5
30		6833	8037	10	(63.50)	2-1/2	47945	56409	5

CC – With Centre Cutting; CCTC – With Centre Cutting and TIN Coating.

For More details refer our Product Catalogue Pages 143 to 149.



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

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

Size		Price Per Piece (Rs.)					MOQ (No.)
mm	Inch	M2	M35	M2 LS	M35 LS	M42 LS	
(9.52)	3/8	2463	2739	–	–	–	50
10		2463	2744	3415	3791	4420	50
11		2463	2861	3415	3902	4548	50
(11.11)	7/16	2463	2739	–	–	–	50
12		2529	2925	3609	4106	4785	50
(12.70)	1/2	2529	2808	–	–	–	35
13		2848	3455	–	–	–	35
14		2981	3455	4188	5365	5907	35
(14.29)	9/16	2981	3495	–	–	–	35
15		3729	4298	–	–	–	35
(15.87)	5/8	3729	4375	–	–	–	35
16		3729	4298	5091	5814	7162	35
17		3536	4387	–	–	–	25
(17.46)	11/16	3631	4258	–	–	–	25
18		3729	4387	5292	6130	7553	25
19		3726	4387	–	–	–	25
(19.05)	3/4	3726	4371	–	–	–	25
20		4227	5348	6176	7714	9504	25
(20.64)	13/16	4227	4960	–	–	–	25
21		4452	5348	–	–	–	25
22		4513	5348	6543	7714	9504	25
(22.22)	7/8	4513	5297	–	–	–	25
23		4697	5834	–	–	–	25
(23.81)	15/16	4697	5511	–	–	–	25
24		4697	5834	–	–	–	25
25		4894	5834	7333	8670	10682	25
(25.40)	1	4894	6655	–	–	–	5
26		5302	6294	–	–	–	5
27		5813	7673	–	–	–	5
28		6356	7673	9086	10943	13483	5
(28.57)	1.1/8	6356	7454	–	–	–	5
29		6356	7673	–	–	–	5
30		7065	9002	–	–	–	5
31		7423	9002	–	–	–	5
(31.75)	1.1/4	7423	8386	–	–	–	5
32		7423	9002	–	–	–	5
33		8531	10930	–	–	–	5
34		9037	10930	–	–	–	5
(34.92)	1.3/8	9037	10601	–	–	–	5
35		9037	10930	–	–	–	5

For More details refer our Product Catalogue Page 181.



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

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

Size		Price Per Piece (Rs.)					MOQ (No.)
mm	Inch	M2	M35	M2 LS	M35 LS	M42 LS	
36		9548	13096	–	–	–	5
37		10280	13096	–	–	–	5
38		10745	13096	–	–	–	5
(38.10)	1.1/2	10044	11785	–	–	–	5
39		11463	14596	–	–	–	5
40		11965	14596	–	–	–	5
41		11965	16693	–	–	–	5
(41.27)	1.5/8	11965	14013	–	–	–	5
42		13689	16693	–	–	–	5
43		13689	16693	–	–	–	5
44		14737	18084	–	–	–	5
(44.45)	1.3/4	14737	17293	–	–	–	5
45		14737	18084	–	–	–	5
46		14737	20042	–	–	–	5
47		16348	20042	–	–	–	5
(47.62)	1.7/8	16348	19183	–	–	–	5
48		16348	20042	–	–	–	5
49		16348	21493	–	–	–	5
50		17456	21493	–	–	–	5
(50.08)	2	17456	20483	–	–	–	5
51		17456	21493	–	–	–	5
52		20593	36162	–	–	–	5
(52.39)	2.1/16	20593	24166	–	–	–	5
53		20593	36162	–	–	–	5
(53.97)	2.1/8	23323	27365	–	–	–	5
54		23323	36162	–	–	–	5
55		26967	36162	–	–	–	5
(55.56)	2.3/16	26967	31641	–	–	–	5
56		26967	36162	–	–	–	5
57		28727	36162	–	–	–	5
(57.15)	2.1/4	28727	33710	–	–	–	5
58		30630	42327	–	–	–	5
(58.74)	2.5/16	30630	35937	–	–	–	5
59		30630	42327	–	–	–	5
60		32436	42327	–	–	–	5
(60.32)	2.3/8	32436	38054	–	–	–	5
61		32436	42327	–	–	–	5
62		32934	42327	–	–	–	5
63		33482	42327	–	–	–	5
(63.50)	2-1/2	33482	39286	–	–	–	5

For More details refer our Product Catalogue Page 181.



**M42 PARALLEL SHANK ROUGHING END MILLS  
WITH GROUND RELIEVED CHIP BREAKER GROOVE**

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

Size		Price Per Piece (Rs.)				MOQ (No.)
mm	Inch	M42	M42 TC	M42 CC	M42 CCTC	
(9.52)	3/8	2902	3420	3195	3759	50
10		2902	3420	3195	3759	50
11		3114	3665	3424	4031	50
(11.11)	7/16	3599	4225	3952	4648	50
12		3198	3761	3518	4137	50
(12.70)	1/2	3599	4225	3952	4648	50
13		3801	4469	4175	4913	35
14		3801	4469	4175	4913	35
(14.29)	9/16	3801	4469	4175	4912	35
15		4697	5530	5168	6076	35
(15.87)	5/8	4697	5530	5168	6076	35
16		4697	5530	5168	6076	35
17		5494	6460	6046	7104	25
(17.46)	11/16	5494	6461	6046	7104	25
18		5494	6461	6046	7104	25
19		5494	6461	6046	7104	25
(19.05)	3/4	5494	6461	6046	7104	25
20		5494	6461	6046	7104	25
(20.64)	13/16	5956	7003	6552	7706	25
21		5956	7003	6552	7707	25
22		5956	7003	6552	7707	25
(22.22)	7/8	5956	7003	6552	7706	25
23		6543	7695	7194	8464	25
(23.81)	15/16	6543	7695	7194	8465	25
24		6543	7695	7194	8464	25
25		6543	7695	7194	8464	25
(25.40)	1	6543	7695	7194	8465	25
26		7026	8263	7512	8840	5
27		9612	11309	10281	12102	5
28		9612	11309	10281	12102	5
(28.57)	1.1/8	9612	11309	10281	12102	5
29		9612	11309	10281	12102	5
30		9612	11309	10281	12102	5
31		13190	15512	14109	16601	5
(31.75)	1.1/4	13817	16254	14785	17394	5
32		13190	15512	14109	16601	5
33		13190	15512	14109	16601	5
34		13190	15512	14109	16601	5
(34.92)	1.3/8	13817	16254	14785	17394	5
35		13190	15512	14109	16601	5

TC - With Tin-Coated; CC - With Centre Cutting; CCTC - Centre Cutting With TIN-Coated.

For More details refer our Product Catalogue Page 181.



**M42 PARALLEL SHANK ROUGHING END MILLS  
WITH GROUND RELIEVED CHIP BREAKER GROOVES**

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

Size		Price Per Piece (Rs.)				MOQ (No.)
mm	Inch	M42	M42 TC	M42 CC	M42 CCTC	
36		13190	15512	14109	16601	5
37		16640	19574	17803	20941	5
38		16640	19574	17803	20941	5
(38.10)	1.1/2	16640	19574	17803	20945	5
39		16640	19574	17470	20553	5
40		16640	19574	17470	20553	5
41		20688	24339	21722	25558	5
(41.27)	1.5/8	20688	24339	21722	25558	5
42		20688	24339	21722	25558	5
43		20688	24339	21722	25558	5
44		20688	24339	21722	25558	5
(44.45)	1.3/4	20688	24339	21722	25558	5
45		20688	24339	21722	25558	5
46		24648	28997	25880	30444	5
47		24648	28997	25880	30444	5
(47.62)	1.7/8	24648	28997	25880	30444	5
48		24648	28997	25880	30444	5
49		24648	28997	25880	30444	5
50		24648	28997	25880	30444	5
(50.08)	2	24648	28997	25880	30444	5
51		24648	28997	25880	30444	5
52		47824	56267	50215	59076	5
(52.39)	2.1/16	47824	56266	50216	59076	5
53		47824	56267	50215	59076	5
(53.97)	2.1/8	47824	56266	50216	59076	5
54		47824	56267	50215	59076	5
55		47824	56267	50215	59076	5
(55.56)	2.3/16	47824	56266	50216	59076	5
56		47824	56267	50215	59076	5
57		47824	56267	50215	59076	5
(57.15)	2.1/4	47824	56266	50216	59076	5
58		47824	56267	50215	59076	5
(58.74)	2.5/16	47824	56266	50216	59076	5
59		47824	56267	50215	59076	5
60		47824	56267	50215	59076	5
(60.32)	2.3/8	55852	65714	58649	68995	5
61		55852	65714	58649	68995	5
62		55852	65714	58649	68995	5
63		55852	65714	58649	68995	5
63.50	2-1/2	55852	65714	58649	68995	5

TC - With Tin-Coated; CC - With Centre Cutting; CCTC - Centre Cutting With TIN-Coated.  
For More details refer our Product Catalogue Page 181.



**HSS SCREWED SHANK END MILLS / SLOT DRILLS – SHORT (NORMAL) SERIES**  
**RH HELICAL FLUTES WITH RH CUTTING** **BS : 122 (PART 4) 1980**

Dia mm	Price Per Piece (Rs.)		MOQ (No.)	Dia mm	M2 Price Per Piece (Rs.)		MOQ (No.)
	M2 END MILLS	M2 SLOT DRILLS			M2 END MILLS	M2 SLOT DRILLS	
3	1525	1792	35	18	2995	3379	35
4	1525	1792	35	20	3358	3734	35
5	1525	1792	35	22	3637	3847	35
6	1525	1792	35	24	4173	4440	35
7	1682	1792	35	25	4173	4440	35
8	1682	1792	35	26	4657	5039	35
9	1682	1792	35	28	5582	6126	35
10	1767	1909	35	30	5848	6708	35
11	1767	1869	35	32	6749	7313	35
12	1837	2047	35	34	8063	8688	20
13	2105	2161	35	36	9355	9965	20
14	2105	2371	35	38	9355	9965	20
16	2371	2670	35				

For more details please refer our Product Catalogue Pages 162 to 165 and 170 to 173.



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

**RH HELICAL FLUTES WITH RH CUTTING**

**BS : 122 (PART 4) 1980**

Dia Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Price Per Piece (Rs.)		MOQ (No.)
	M2 Short Series	M2 Long Series			M2 Short Series	M2 Long Series	
1/8	1525	1583	35	1	4173	5848	35
3/16	1525	1583	35	1 1/16	4657	6428	35
1/4	1525	1583	35	1 1/8	5582	6964	35
5/16	1682	1767	35	1 3/16	5848	7507	35
3/8	1682	1992	35	1 1/4	6749	8254	35
7/16	1767	2153	35	1 5/16	8063	8864	20
1/2	1837	2480	35	1 3/8	8063	9563	20
9/16	2105	2786	35	1 7/16	9355	10335	20
5/8	2371	3146	35	1 1/2	9355	11042	20
11/16	2786	3323	35	1 5/8	10881	13528	20
3/4	2995	3739	35	1 3/4	12172	15572	20
13/16	3358	4232	35	1 7/8	15144	17708	10
7/8	3637	4692	35	2	17531	19895	10
15/16	3894	5073	35				

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

**RH HELICAL FLUTES WITH RH CUTTING**

**BS : 122 (PART 4) 1980**

Dia Inch	Price Per Piece (Rs.)		MOQ (No.)	Dia Inch	Price Per Piece (Rs.)		MOQ (No.)
	M2 Short Series	M2 Long Series			M2 Short Series	M2 Long Series	
1/8	1792	1936	35	1	4440	5848	35
3/16	1792	1936	35	1 1/16	5039	6658	35
1/4	1792	1936	35	1 1/8	6126	7520	35
5/16	1792	1936	35	1 3/16	6708	8161	35
3/8	1792	2047	35	1 1/4	7313	8800	35
7/16	1869	2390	35	1 5/16	8688	9587	20
1/2	2047	2528	35	1 3/8	8688	10335	20
9/16	2371	2978	35	1 7/16	9965	11042	20
5/8	2670	3210	35	1 1/2	9965	11806	20
11/16	3115	3574	35	1 5/8	11589	14006	20
3/4	3379	3894	35	1 3/4	12809	15941	20
13/16	3734	4502	35	1 7/8	15677	17967	10
7/8	3847	4829	35	2	17858	19895	10
15/16	4081	5402	35				

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



# Taps


**HSS GROUND THREAD HAND TAPS M C P (NON-SERIAL)**
**IS: 6175 - PART 2 & 3**
**- 1992 (6H TOL)**

Dia & Pitch (mm)	M2 HSS Hand Tap			M35 HSS Hand Tap		MOQ (No.)
	Price Per Piece	Price Per Set of Three Pieces	Price Per Set of three with Tin- Coating	Price Per Set of Three Pieces	Price Per Set of three with Tin- Coating	Individual Taps / Sets
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	
3 x 0.5	333	1000 *	1156	1184	1344	100 / 34
4 x 0.7	333	1000 *	1156	1184	1344	100 / 34
5 x 0.8	347	1040 *	1194	1231	1393	150 / 50
6 x 1.0	354	1063 *	1244	1255	1444	150 / 50
7 x 1.0	452	1356	-	-	-	150 / 50
8 x 1.25	410	1231 *	1427	1450	1658	150 / 50
9 x 1.25	497	1492	-	-	-	150 / 50
10 x 1.50	514	1541 *	1780	1870	2072	150 / 50
11 x 1.50	787	2360	-	-	-	100 / 34
12 x 1.75	784	2353 *	2923	2781	3130	100 / 34
14 x 2.00	1139	3416 *	-	-	-	100 / 34
16 x 2.00	1139	3416 *	3894	4038	4530	100 / 34
18 x 2.50	1820	5460 *	-	-	-	45 / 15
20 x 2.50	2391	7174 *	-	-	-	45 / 15
22 x 2.50	2484	7451 **	-	-	-	45 / 15
24 x 3.00	2790	8371 *	-	-	-	25 / 9
25 x 3.00	3498	10494	-	-	-	25 / 9
27 x 3.00	4314	12943 **	-	-	-	25 / 9
30 x 3.50	4819	14457 *	-	-	-	25 / 9
33 x 3.50	5881	17644	-	-	-	25 / 9
36 x 4.00	8168	24504 **	-	-	-	20 / 7
39 x 4.00	9589	28767	-	-	-	20 / 7
42 x 4.50	11196	33588 *	-	-	-	15 / 5
45 x 4.50	15055	45167	-	-	-	15 / 5
48 x 5.00	16055	48164 **	-	-	-	10 / 4
52 x 5.00	20153	60459	-	-	-	10 / 4
56 x 5.50	28669	86005 **	-	-	-	5 / 2
60 x 5.50	30227	90682	-	-	-	5 / 2
64 x 6.00	31798	95394 **	-	-	-	3 / 1
68 x 6.00	39679	119037	-	-	-	3 / 1

For more details please refer our Product Catalogue Pages 192 &amp; 193.



**HSS GROUND THREAD HAND TAPS M C P  
(NON-SERIAL)**

**IS: 6175 - PART 2 & 3 - 1992 (6H TOL)**

**HSS GROUND THREAD MACHINE TAPS M C P**

**IS: 6175 - PART 4 - 1991 (6H TOL)**

**HSS GROUND THREAD NUT TAPS M C P**

**IS: 6175 PART 5 - 1991 (6H TOL)**

Dia & Pitch (mm)	Hand Tap		Machine Tap			Nut Tap	MOQ (No.)	
	Short Machine Tap Spiral Flute - Price Per Piece	Hand Tap SPPT Type B - Price Per Piece	Type A, C & D - Price Per Piece	Type B - Price Per Piece	Machine Tap Long Shank Spiral Flute Price Per Piece	Price Per Piece	Hand and Machine Taps	For Nut Taps
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
3 x 0.5	–	405	–	–	–	–	100	
4 x 0.7	–	405	706	–	–	–	100	
5 x 0.8	–	427	515	602 **	–	–	150	
6 x 1.0	370	427	553	652	683	747	150	50
7 x 1.0	–	–	598	–	–	847	150	50
8 x 1.25	430	497	598	712	745	847 **	150	50
9 x 1.25	–	–	–	–	–	–	150	
10 x 1.50	535	618	748	880 **	928	1129	150	50
11 x 1.50	–	–	–	–	–	–	100	
12 x 1.75	828	945	1055	1250 **	1343	1733	100	25
14 x 2.00	1201	1376	1529	1801	2035	2407	100	25
16 x 2.00	1201	1376	1529	1801 **	2035	2407	100	25
18 x 2.50	1911	2185	2356	2785	3091	3902	45	20
20 x 2.50	2441	2787	2923	3421 **	3665	5204	45	20
22 x 2.50	2611	2985	3241	3819	4310	5280	45	20
24 x 3.00	2912	3332	3621	4265	4656	5996	25	20
25 x 3.00	–	4060	–	–	–	7170	25	20
27 x 3.00	–	5043	5565	6572	–	9210	25	20
30 x 3.50	–	5645	6126	7231	–	11375	25	20
33 x 3.50	–	6870	7177	8688	–	12557	25	20
36 x 4.00	–	9561	9385	–	–	16246	20	20
39 x 4.00	–	11226	11305	–	–	19380	20	20
42 x 4.50	–	13084	12909	–	–	23076	15	10
45 x 4.50	–	17623	17305	–	–	27828	15	10
48 x 5.00	–	18796	19459	–	–	32556	10	10
52 x 5.00	–	23586	22529	–	–	–	10	–
56 x 5.50	–	–	28981	–	–	–	5	–
60 x 5.50	–	–	34210	–	–	–	5	–
64 x 6.00	–	–	38603	–	–	–	3	–
68 x 6.00	–	–	53778	–	–	–	3	–

For more details please refer our Product Catalogue Pages 192 ,193, 207 and 210.



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

**HSS GROUND THREAD MACHINE TAPS M F P IS : 6175 - PART 4 - 1991 (6H TOL)**

**HSS GROUND THREAD NUT TAP M F P TO IS 6175 (PART 5) 1991 6H TOL**

Dia & Pitch (mm)	Hand Tap				Machine Tap		Nut Tap	MOQ (Hand and Machine Taps)	MOQ (for Nut Taps)
	Hand Tap - Price Per Piece	Hand Tap Price (Per Set of 2)	Short Machine Tap Spiral Flute Price	Hand Tap SPPT Type B Price	Type A, C & D Price Per Piece	Type B Price Per Piece	Price Per Piece	Individual Taps / Sets	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
3 x 0.35	540	1080	-	578	-	-	-	100 / 50	
3.5 x 0.35	540	1080	-	578	-	-	-	100 / 50	
4 x 0.5	476	952	-	578	-	-	-	100 / 50	
5 x 0.5	465	930	-	564	633	-	-	150 / 75	
6 x 0.75	476	952	521	564	633	754	823	150 / 75	50
7 x 0.75	552	1104	-	660	717	856	1065	150 / 75	50
8 x 0.75	547	1094	-	655	683	811	966	150 / 75	50
8 x 1.0	497	994 **	546	591	683	811	966	150 / 75	50
9 x 0.75	607	1214	-	776	939	1172		150 / 75	
9 x 1.0	607	1214	-	776	939	1172	966	150 / 75	50
10 x 0.75	688	1376	-	850				150 / 75	
10 x 1.0	578	1156 **	629	678	789	939	1273	150 / 75	50
10 x 1.25	578	1156 *	629	678	839	991	1273	150 / 75	50
11 x 1.0	961	1922	-	1261	1222	1415		100 / 50	
12 x 1.0	916	1832 **	-	1040	1023		1998	100 / 50	25
12 x 1.25	916	1832 **	968	1040	1139	1348	1998	100 / 50	25
12 x 1.5	916	1832 **	968	1040	1139	1348	1998	100 / 50	25
14 x 1.0	1179	2358	-	1417	1542	1826	2978	100 / 50	25
14 x 1.25	1211	2422	1273	1451	1529	1801	2978	100 / 50	25
14 x 1.5	1139	2278 **	1201	1376	1529	1801	2978	100 / 50	25
15 x 1.0	1386	2772	-	-	1639	1920		100 / 50	
15 x 1.5	1179	2358	-	-	1529	1783		100 / 50	
16 x 1.0	1179	2358	-	1417	1639	1920	2978	100 / 50	25
16 x 1.5	1139	2278 **	1201	1376	1529	1783	2978	100 / 50	25
18 x 1.0	2264	4528	-	2543	2830	3400	4465	45 / 23	20
18 x 1.5	2114	4227 **	2181	2320	2713	3197	4465	45 / 23	20
18 x 2.0	2114	4227	2390	2543	2713	3197	4465	45 / 23	20
20 x 1.0	2803	5605 **	-	3380	3534	4310		45 / 23	
20 x 1.5	2625	5249 **	2752	2928	3534	4177	5722	45 / 23	20
20 x 2.0	2625	5249 **	2954	3380	3534	4177	5722	45 / 23	20
22 x 1.0	3173	6345	-	3703	3534	4543		45 / 23	
22 x 1.5	2852	5705 **	3003	3194	3534	4324	6075	45 / 23	20
22 x 2.0	2852	5705	3238	3703	3534	4324	6075	45 / 23	20
24 x 1.0	3229	6458	-	3495	4095	5062		25 / 13	
24 x 1.5	3229	6458 **	3290	3495	4095	4824	7224	25 / 13	20
24 x 2.0	3229	6458 **	3516	4023	4095	4824	7224	25 / 13	20
25 x 1.5	3569	7138	-	4281	5331	6292	8122	25 / 13	20
25 x 2.0	3569	7138	-	-	5331	6292		25 / 13	
26 x 1.5	3589	7178	-	-	5261	6209		25 / 13	
26 x 2.0	3589	7178	-	-	5261	6209		25 / 13	
27 x 1.5	4792	9585	-	5612	6292	7425	10237	25 / 13	20
27 x 2.0	4792	9585 **	-	5612	6292	7425		25 / 13	

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



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

**HSS GROUND THREAD MACHINE TAPS M F P IS : 6175 - PART 4 - 1991 (6H TOL)**

**HSS GROUND THREAD NUT TAP M F P TO IS 6175 (PART 5) 1991 6H TOL**

Dia & Pitch (mm)	Hand Tap				Machine Tap		Nut Tap	MOQ (Hand and Machine Taps)	MOQ (for Nut Taps)
	Hand Tap - Price Per Piece	Hand Tap Price (Per Set of 2)	Short Machine Tap Spiral Flute Price	Hand Tap SPPT Type B Price	Type A, C & D Price Per Piece	Type B Price Per Piece	Price Per Piece	Individual Taps / Sets	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
28 x 1.5	4792	9585	-		6799	7977	12749	25 / 13	20
28 x 2.0	4792	9585	-		6799	7977	-	25 / 13	
30 x 1.0	5407	10814	-		7283	8565	-	25 / 13	
30 x 1.5	5407	10814 **	-	6311	7080	8352	12749	25 / 13	20
30 x 2.0	5407	10814 **	-	6311	7080	8352	12749	25 / 13	20
30 x 3.0	5407	10814	-	6311	7080	8352	-	25 / 13	-
32 x 1.5	5688	11376	-	-	7825	9341	-	25 / 13	-
32 x 2.0	5688	11376	-	-	7825	9341	-	25 / 13	-
33 x 1.5	6590	13180	-	-	8565	10162	14145	25 / 13	20
33 x 2.0	6590	13180 **	-	-	8565	10162	14145	25 / 13	20
33 x 3.0	6590	13180	-	-	8565	10162	-	25 / 13	-
35 x 1.5	9134	18268	-	-	11903	-	-	20 / 10	-
36 x 1.5	9134	18268 **	-	-	11903	-	-	20 / 10	-
36 x 2.0	9134	18268 **	-	-	11903	-	-	20 / 10	-
36 x 3.0	9134	18268	-	-	11903	-	-	20 / 10	-
39 x 1.5	11407	22813	-	-	14458	-	-	20 / 10	-
39 x 2.0	11407	22813	-	-	14458	-	-	20 / 10	-
39 x 3.0	11407	22813	-	-	14458	-	-	20 / 10	-
40 x 1.5	11524	23049	-	-	15564	-	-	15 / 8	-
40 x 2.0	12088	24176	-	-	15564	-	-	15 / 8	-
40 x 3.0	12643	25285	-	-	15564	-	-	15 / 8	-
42 x 1.5	12643	25285	-	-	16416	-	-	15 / 8	-
42 x 2.0	12643	25285 **	-	-	16416	-	-	15 / 8	-
42 x 3.0	12643	25285	-	-	16416	-	-	15 / 8	-
42 x 4.0	12643	25285	-	-	16416	-	-	15 / 8	-
45 x 1.5	17535	35069	-	-	22903	-	-	15 / 8	-
45 x 2.0	17535	35069	-	-	22903	-	-	15 / 8	-
45 x 3.0	17535	35069	-	-	22903	-	-	15 / 8	-
45 x 4.0	17535	35069	-	-	22903	-	-	15 / 8	-
48 x 1.5	18269	36538	-	-	23730	-	-	10 / 5	-
48 x 2.0	18269	36538	-	-	23730	-	-	10 / 5	-
48 x 3.0	18269	36538 **	-	-	23730	-	-	10 / 5	-
48 x 4.0	18269	36538	-	-	23730	-	-	10 / 5	-
50 x 1.5	20141	40282	-	-	27623	-	-	10 / 5	-
50 x 2.0	20141	40282	-	-	27623	-	-	10 / 5	-
50 x 3.0	20141	40282	-	-	27623	-	-	10 / 5	-
52 x 1.5	22698	45396	-	-	29489	-	-	10 / 5	-
52 x 2.0	22698	45396	-	-	29489	-	-	10 / 5	-
52 x 3.0	22698	45396	-	-	29489	-	-	10 / 5	-
52 x 4.0	22698	45396	-	-	29489	-	-	10 / 5	-

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



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

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

Dia (Inch)	Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	MOQ	Dia (Inch)	Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	MOQ
			Individual Taps / Sets				Individual Taps / Sets
3/16	347	1041	150 / 50	1	3229	9686	20 / 7
1/4	354	1062	150 / 50	1.1/8	4380	13140	20 / 7
5/16	410	1230	100 / 34	1.1/4	5278	15833	20 / 7
3/8	487	1461	100 / 34	1.3/8	6809	20428	20 / 7
7/16	629	1887	100 / 34	1.1/2	8168	24505	20 / 7
1/2	793	2379	100 / 34	1.5/8	9574	28722	10 / 4
9/16	1151	3453	100 / 34	1.3/4	11200	33600	10 / 4
5/8	1151	3453	100 / 34	2	16055	48164	10 / 4
11/16	1850	5549	35 / 12	2.1/4	23994	71982	5 / 2
3/4	1850	5549	35 / 12	2.1/2	31490	94471	5 / 2
13/16	2183	6548	35 / 12	2.3/4	39297	117892	3 / 1
7/8	2510	7530	35 / 12	3	52736	158208	3 / 1

Hand Tap consists or 1, II, III Taps (Taper, Second and Bottoming).

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

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

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

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

**BS 949-1979**  
**ZONE - 3 TOL**

Size Inch	Price Per Piece	MOQ (No.)	"Size Inch"	Price Per Piece	MOQ (No.)	Size Inch	Price Per Piece	MOQ (No.)
	(Rs.)			(Rs.)			(Rs.)	
1/4	747	50	5/8	2407	25	1.1/4	11188	15
5/16	847	50	11/16	3289	20	1.3/8	13785	15
3/8	1038	50	3/4	3902	20	1.1/2	16538	15
7/16	1392	50	7/8	5280	20	1.3/4	23256	10
1/2	1733	25	1	6879	15	2	32843	10
9/16	2407	25	1.1/8	9278	15	-	-	-

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

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



### HSS GROUND THREAD HAND TAPS

**BSP (PARALLEL)**

**BSP (TAPER) (RC-SERIES)**

**NPT, NPS, NPSF & NPTF**

**BS: 949 - 1951**

**BS: 949 (PART 3) - 1982**

**BS: 949 - 1969**

Size Inch	BSP (P)		NPS		NPSF		BSPT		NPT		NPTF		MOQ
	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Price Per Piece (Rs.)	Price Per Set of Two (Rs.)	Individual Taps / Sets
1/16	-	-	-	-	-	-	-	-	716	1432 **	716	1432	100 / 50
1/8	518	1036 *	614	1228	744	1488	688	1376 **	716	1432	832	1664	100 / 50
1/4	805	1610 *	1063	2126	1299	2598	1239	2478 **	1301	2602 **	1570	3140	100 / 50
3/8	1184	2368 *	1310	2620	1570	3140	1659	3318 **	1733	3466 **	1922	3844	100 / 50
1/2	1728	3456 *	1891	3782	2281	4562	2411	4822 **	2519	5038 **	2800	5600	50 / 25
5/8	1960	3920 **	-	-	-	-	-	-	-	-	-	-	50 / 25
3/4	2916	5832 *	3098	6197	3697	7395	4066	8132	4244	8488 **	4572	9144	25 / 13
7/8	3623	7246											25 / 13
1	4605	9209 **	5221	10441	6249	12497	6321	12642 **	6626	13252 **	7112	14223	25 / 13
1.1/4	6913	13827 **	8068	16135	-	-	9046	18092 **	9480	18959 **	10477	20954	15 / 8
1.1/2	8615	17229 **	10066	20132	-	-	11216	22432 **	11741	23481 **	-	-	15 / 8
1.3/4	13218	26436	-	-	-	-	-	-	-	-	-	-	15 / 8
2	15473	30946 **	17992	35985	-	-	20245	40490	21206	42413 **	-	-	10 / 5
2.1/4	26760	53519	-	-	-	-	-	-	-	-	-	-	5 / 3
2.1/2	38348	76695	-	-	-	-	59435	118871	62255	124510	-	-	5 / 3
2.3/4	43097	86195	-	-	-	-	-	-	-	-	-	-	5 / 3
3	48584	97168	-	-	-	-	77471	154942	81163	162326	-	-	5 / 3
3.1/2	63839	127677	-	-	-	-	101831	203662	106637	213274	-	-	5 / 3
4	80330	160660	-	-	-	-	128000	256001	134086	268172	-	-	5 / 3

For more details please refer our Product Catalogue Pages 203 to 206.

### HSS GROUND THREAD HAND TAPS BS CONDUIT (ZONE 3)

**TO BS 949-1951**

Size Inch	BS CON		MOQ	Size Inch	BS CON		MOQ
	Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	Individual / Set		Price Per Piece (Rs.)	Price Per Set of Three (Rs.)	Individual / Set
	(Rs.)	(Rs.)			(Rs.)	(Rs.)	
1/2"	1076	3228	50 / 25	1-1/4"	5138	15413	20 / 10
5/8"	1641	4923	50 / 25	1-1/2"	8215	24645	15 / 8
3/4"	2274	6821	25 / 13	2"	13874	41623	10 / 5
1"	3534	10602	25 / 13				

LPG CYLINDER TAPS 3/4" - 14 NGT non-interrupted 4 flutes can be supplied at Rs. 3,779/-

### HSS GROUND THREAD HAND TAPS BSCY

**BS 949-1951**

Size Inch	TPI	Price Per Piece (Rs.)	Price Per Set of Three	MOQ (No.) Individual / Set	Size Inch	TPI	Price Per Piece (Rs.)	Price Per Set of Three	MOQ (No.) Individual / Set
1/4"	26	407	1221	100 / 34	9/16	26	1517	4551	100 / 34
5/16	26	496	1488	100 / 34	9/16	26LH	1517	4551	100 / 34
3/8	26	634 **	1902	100 / 34	1	24	3172	9515	25 / 13
7/16	26	812	2436	100 / 34	1.37	24.00	6648	19945	15 / 8
1/2	26	993	2979	100 / 34	1.37	24 LH	6648	19945	15 / 8

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



## Tool Bits

## HSSTOOLHOLDERBITS SQUARE/ROUND

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

## XENONROUNDTOOL BLANKS

Size (in Inch)	Price Per TenNo.	MOQ(No.)	Dia Sizes (in mm)	Price Per TenNo.	MOQ(No.)
7/64 x 3"	311	100			
1/8" x 3"	356	100	3.0 x 61	231	200
9/64 x 3"	356	100	3.1 x 65	303	200
5/32 x 3"	489	100	3.2 x 65	311	200
11/34 x 3"	569	100	3.5 x 70	311	200
3/16 x 3"	783	100	4.0 x 75	463	200
13/64 x 3"	801	50	4.2 x 75	552	200
7/32 x 3"	801	50	4.5 x 80	730	200
1/4 x 3"	819	50	5.0 x 86	801	200
17/64 x 3"	899	50	5.2 x 86	801	200
9/32 x 3"	1237	50	5.5 x 93	863	100
19/64" x 3"	1237	50	6.0 x 93	961	100
5/16" x 3"	1353	50	6.5 x 101	1353	100
21/64" x 3"	1495	50	6.8 x 109	1353	100
11/32 x 3"	1557	50	6.9 x 109	1477	100
23/64 x 3"	1557	50	7.0 x 109	1557	100
3/8 x 3"	1691	50	7.2 x 109	1851	100
25/64 x 3"	1824	50	7.5 x 109	2242	100
13/32 x 3"	2136	50	8.0 x 117	2394	100
27/64 x 3"	2278	50	8.5 x 117	2465	100
7/16 x 3"	2278	50	8.9 x 125	2394	100
15/32 x 3"	2278	50	9,0 x 125	2394	100
1/2 x 3"	2883	50	9.1 x 125	2465	100
			9.5 x 125	2465	100
			10.0 x 133	3132	100