



# HSS TAPS

HSS STRAIGHT  
SHANK TWIST DRILL

HSS TAPER  
SHANK TWIST DRILL

HSS TAPS

HSS END MILL

OTHER GENERAL  
TOOLS

CARBIDE TIP DRILLS

HSS DRILL BLANKS

DRILL SET

Code	M	P(mm)	L(mm)	Lc(mm)	d(mm)	K(mm)	Hole(mm)	Tap limits
1510080	M8	1.25	65	22	6.3	5.0	6.7	H1 H2 H3
1510083	M8X1.0	1.0	60	22			7.0	
1510100	M10	1.5	70	24	8.0	6.3	8.5	H1 H2 H3
1510104	M10X1.25	1.25	65	24			8.75	
1510103	M10X1.0	1.0					9.0	
1510120	M12	1.75	80	29	9.0	7.1	10.25	H1 H2 H3
1510125	M12X1.25	1.25	70	29			10.5	
1510123	M12X1.0	1.0	70	22			11.0	
1510140	M14	2.0	90	30	11.2	9.0	12.0	H1 H2 H3
1510145	M14X1.5	1.5	70	30			12.5	
1510143	M14X1.0	1.0	70	22			13.0	
1510160	M16	2.0	90	32	12.5	10.0	14.0	H1 H2 H3
1510165	M16X1.5	1.5	80	32			14.5	
1510163	M16X1.0	1.0	80	22			15.0	
1510180	M18	2.5	100	37	14	11.2	15.5	H1 H2 H3
1510185	M18X1.5	1.5	90	37			16.5	
1510183	M18X1.0	1.0	90	22			17.0	
1510200	M20	2.5	100	37	14	11.2	17.5	H1 H2 H3
1510207	M20X2.0	2.0	90	37			18.0	
1510205	M20X1.5	1.5	90	37			15.5	
1510203	M20X1.0	1.0	90	22			19.0	
1510220	M22	2.5	110	38	16	12.5	19.5	H1 H2 H3
1510227	M22X2.0	2.0	90	38			20.0	
1510225	M22X1.5	1.5	90	38			20.5	H1 H2 H3
1510223	M22X1.0	1.0	90	24			21.0	
1510240	M24	3.0	120	45	18	14	21.0	H1 H2 H3
1510247	M24X2.0	2.0	95	45			22.0	
1510245	M24X1.5	1.5	95	45			22.5	
1510243	M24X1.0	1.0	95	24			23.0	
1510270	M27	3.0	120	45	20	16	24.0	H1 H2 H3
1510277	M27X2.0	2.0	95	37			25.0	
1510300	M30	3.5	130	48	20	16	26.5	H1 H2 H3
1510307	M30X2.0	2.0	105	37			28.0	
1510305	M30X1.5	1.5					28.5	
1510325	M32X1.5	1.5	115	37	22.4	18	30.5	H1 H2 H3
1510330	M33	3.5	130	51	22.4	18	29.5	H1 H2 H3
1510355	M35X1.5	1.5	125	39	25	20	33.5	H1 H2 H3
1510360	M36	4.0	145	57	25	20	32.0	H1 H2 H3
1510365	M36X1.5	1.5	125	39			34.5	
1510390	M39	4.0	145	60	28	22.4	35.0	H1 H2 H3
1510405	M40X1.5	1.5	130	39	28	22.4	38.5	H1 H2 H3
1510420	M42	4.5	160	60	28	22.4	37.5	H1 H2 H3
1510425	M42X1.5	1.5	130	39			40.5	
1510450	M45	4.5	160	67	31.5	25	40.5	H1 H2 H3
1510455	M45X1.5	1.5	140	45	28	25	43.5	
1510480	M48	5.0	175	67	31.5	25	43.0	H1 H2 H3
1510485	M48X1.5	1.5	150	45			46.5	
1510505	M50X1.5	1.5	150	45	31.5	25	48.5	H1 H2 H3
1510520	M52	5.0	175	70	35.5	28	47.0	H1 H2 H3
1510525	M52X1.5	1.5	150	45			50.5	

**Up to M6:** With male center

**P ≤ 2.5 mm:** Both one piece and 3 of set are available  
One piece with chamfer of 3.5P and  
3 of set with chamfers 8P, 4P, 2P

**P > 2.5 mm:** 3 of set with chamfers 8P, 4P, 2P are available