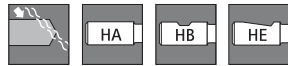


# MEGA-DRILL-HARDENED

## Solid carbide twist drill M1600 (4 x D)

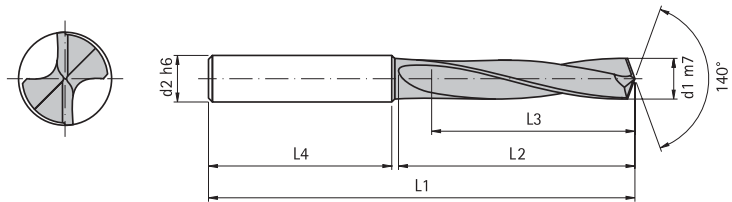


**H**

### Design:

Drill diameter: 2.55 – 20.00 mm  
 Bore tolerance: IT 9 (achievable)  
 Coating: MxF (standard)  
 No. of flutes: 2  
 Shank form: HA, HB, HE (DIN 6535)  
 Centre radial land: special radial land, surfaces  
 Centre angle: 140°  
 Lateral radial rake: 15°

M1600 – external coolant supply



Order example for solid carbide twist drill M1600 with  $d1 = 2.55$  mm, MxF coated, shank form HE.  
 Order No. M1600-0255-MxF-HE

Drill diameter $d1$ m7	Shank diameter $d2$ h6	Dimensions				Shank length L4	Form and diameter Ext. coolant supply M1600
		Total length L1	Flute length L2	Maximum drilling depth L3			
2,55	3	44	14	6	30	M1600-0255	
3,00	3	46	16	6	30	M1600-0300	
3,10	4	48	16	6	30	M1600-0310	
3,20	4	48	16	6	30	M1600-0320	
3,30	4	48	18	8	30	M1600-0330	
3,40	4	50	20	10	30	M1600-0340	
3,50	4	50	20	10	30	M1600-0350	
3,60	4	50	20	10	30	M1600-0360	
3,70	4	50	20	10	30	M1600-0370	
3,80	4	52	22	12	30	M1600-0380	
3,90	4	52	22	12	30	M1600-0390	
4,00	4	52	22	12	30	M1600-0400	
4,10	6	65	25	15	40	M1600-0410	
4,20	6	65	25	15	40	M1600-0420	
4,30	6	68	28	15	40	M1600-0430	
4,40	6	68	28	15	40	M1600-0440	
4,50	6	68	28	15	40	M1600-0450	
4,60	6	68	28	15	40	M1600-0460	
4,70	6	68	28	15	40	M1600-0470	
4,80	6	72	32	18	40	M1600-0480	
4,90	6	72	32	18	40	M1600-0490	
5,00	6	72	32	18	40	M1600-0500	
5,10	6	72	32	18	40	M1600-0510	
5,20	6	72	32	18	40	M1600-0520	
5,30	6	72	32	18	40	M1600-0530	

Dimensions in mm

For machining values see Page 146

# MEGA-DRILL-HARDENED

## Solid carbide twist drill M1600 (4 x D)

Order example for solid carbide twist drill M1600  
with d1 = 5.40 mm, MxF coated, shank form HE.  
Order No. M1600-0540-MxF-HE

Drill diameter d1 m7	Shank diameter d2 h6	Dimensions				Shank length L4	Form and diameter Ext. coolant supply M1600
		Total length L1	Flute length L2	Maximum drilling depth L3			
5,40	6	75	35	18	40	M1600-0540	
5,50	6	75	35	18	40	M1600-0550	
5,60	6	75	35	18	40	M1600-0560	
5,70	6	75	35	18	40	M1600-0570	
5,80	6	75	35	18	40	M1600-0580	
5,90	6	75	35	18	40	M1600-0590	
6,00	6	75	35	18	40	M1600-0600	
6,10	8	80	40	25	40	M1600-0610	
6,20	8	80	40	25	40	M1600-0620	
6,30	8	80	40	25	40	M1600-0630	
6,40	8	80	40	25	40	M1600-0640	
6,50	8	80	40	25	40	M1600-0650	
6,60	8	80	40	25	40	M1600-0660	
6,70	8	80	40	25	40	M1600-0670	
6,80	8	85	45	30	40	M1600-0680	
6,90	8	85	45	30	40	M1600-0690	
7,00	8	85	45	30	40	M1600-0700	
7,10	8	85	45	30	40	M1600-0710	
7,20	8	85	45	30	40	M1600-0720	
7,30	8	85	45	30	40	M1600-0730	
7,40	8	85	45	30	40	M1600-0740	
7,50	8	85	45	30	40	M1600-0750	
7,60	8	98	50	35	48	M1600-0760	
7,70	8	98	50	35	48	M1600-0770	
7,80	8	98	50	35	48	M1600-0780	
7,90	8	98	50	35	48	M1600-0790	
8,00	8	98	50	35	48	M1600-0800	
8,10	10	98	50	35	48	M1600-0810	
8,20	10	98	50	35	48	M1600-0820	
8,30	10	98	50	35	48	M1600-0830	
8,40	10	98	50	35	48	M1600-0840	
8,50	10	98	50	35	48	M1600-0850	
8,60	10	105	57	42	48	M1600-0860	
8,70	10	105	57	42	48	M1600-0870	
8,80	10	105	57	42	48	M1600-0880	
8,90	10	105	57	42	48	M1600-0890	
9,00	10	105	57	42	48	M1600-0900	
9,10	10	105	57	42	48	M1600-0910	
9,20	10	105	57	42	48	M1600-0920	
9,30	10	105	57	42	48	M1600-0930	
9,40	10	105	57	42	48	M1600-0940	
9,50	10	105	57	42	48	M1600-0950	
9,60	10	111	63	45	48	M1600-0960	
9,70	10	111	63	45	48	M1600-0970	
9,80	10	111	63	45	48	M1600-0980	

Dimensions in mm  
For machining values see Page 146

# MEGA-DRILL-HARDENED

Solid carbide twist drill  
M1600 (4 x D)

Order example for solid carbide twist drill M1600  
with d1 = 9.90 mm, MxF coated, shank form HE.  
Order No. M1600-0990-MxF-HE

Drill diameter d1 m7	Shank diameter d2 h6	Dimensions				Shank length L4	Form and diameter Ext. coolant supply M1600
		Total length L1	Flute length L2	Maximum drilling depth L3			
9,90	10	111	63	45	48	M1600-0990	
10,00	10	111	63	45	48	M1600-1000	
10,10	12	111	63	45	48	M1600-1010	
10,20	12	111	63	45	48	M1600-1020	
10,30	12	111	63	45	48	M1600-1030	
10,40	12	111	63	45	48	M1600-1040	
10,50	12	111	63	45	48	M1600-1050	
10,60	12	111	63	45	48	M1600-1060	
10,70	12	119	71	50	48	M1600-1070	
10,80	12	119	71	50	48	M1600-1080	
10,90	12	119	71	50	48	M1600-1090	
11,00	12	119	71	50	48	M1600-1100	
11,10	12	119	71	50	48	M1600-1110	
11,20	12	119	71	50	48	M1600-1120	
11,30	12	119	71	50	48	M1600-1130	
11,40	12	119	71	50	48	M1600-1140	
11,50	12	119	71	50	48	M1600-1150	
11,60	12	119	71	50	48	M1600-1160	
11,70	12	119	71	50	48	M1600-1170	
11,80	12	119	71	50	48	M1600-1180	
11,90	12	119	71	50	48	M1600-1190	
12,00	12	119	71	50	48	M1600-1200	
12,50	14	125	77	55	50	M1600-1250	
13,00	14	125	77	55	50	M1600-1300	
13,50	14	125	77	55	50	M1600-1350	
14,00	14	125	77	55	50	M1600-1400	
14,50	16	133	83	60	50	M1600-1450	
15,00	16	133	83	60	50	M1600-1500	
15,50	16	133	83	60	50	M1600-1550	
16,00	16	133	83	60	50	M1600-1600	
16,50	18	143	93	65	50	M1600-1650	
17,00	18	143	93	65	50	M1600-1700	
17,50	18	143	93	65	50	M1600-1750	
18,00	18	143	93	65	50	M1600-1800	
18,50	20	153	95	65	56	M1600-1850	
19,00	20	153	95	65	56	M1600-1900	
19,50	20	153	95	65	56	M1600-1950	
20,00	20	153	95	65	56	M1600-2000	