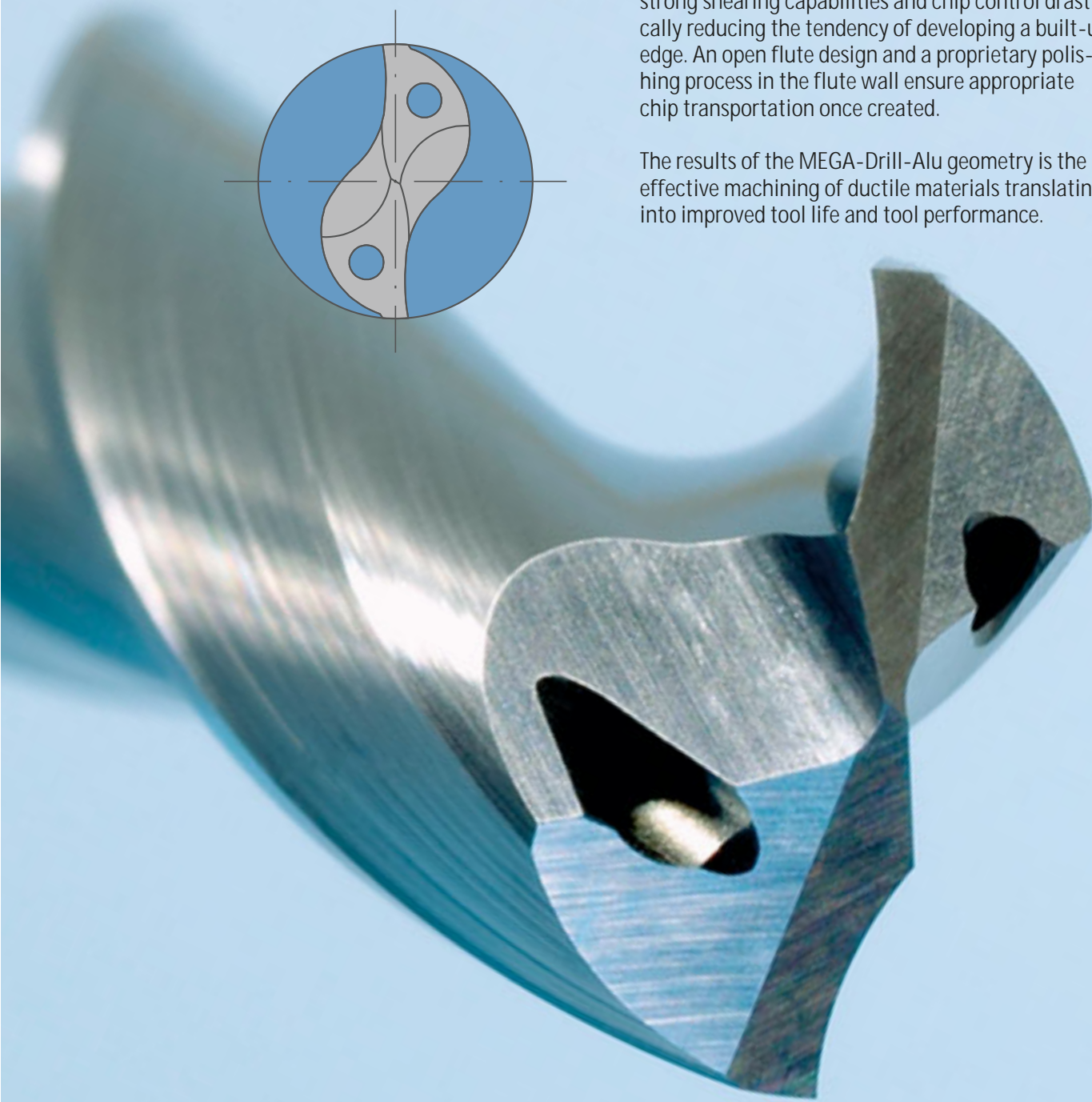
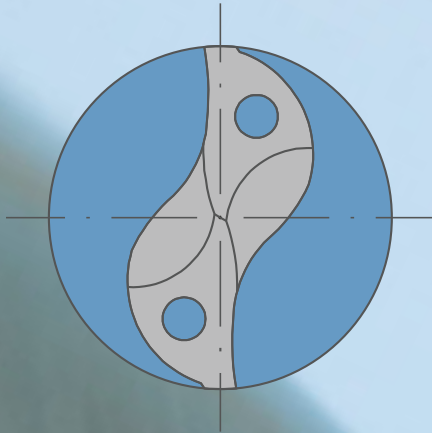


MEGA-Drill-Alu

The challenges of aluminium, aluminium alloys and other non-ferrous materials require a specialized geometry to handle the size and volume of chips often produced when machining these types of materials. The MEGA-Drill-Alu compliments the family of MEGA-Drills by addressing these applications' needs.

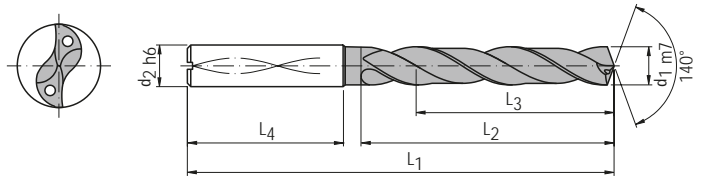
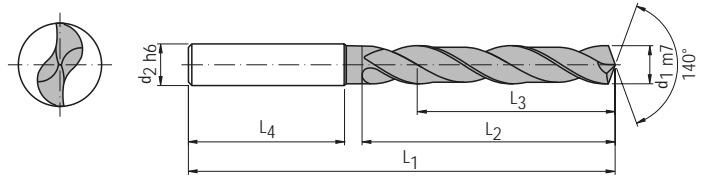
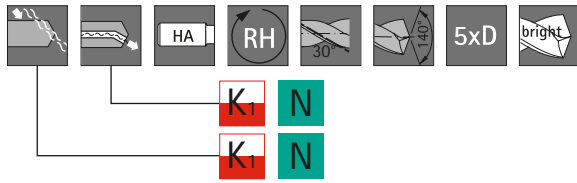
Special cutting edge geometry is used to allow for strong shearing capabilities and chip control drastically reducing the tendency of developing a built-up edge. An open flute design and a proprietary polishing process in the flute wall ensure appropriate chip transportation once created.

The results of the MEGA-Drill-Alu geometry is the effective machining of ductile materials translating into improved tool life and tool performance.



MEGA-Drill-Alu

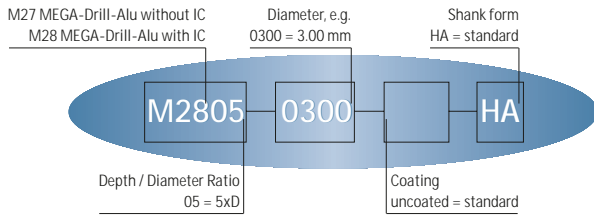
M2705 / M2805



Design:

Drill diameter: 3.00 – 20.00 mm
0.1181 – 0.7874 Inch
Bore tolerance: IT 9 (achievable)
No. of margins: 2

To order, use the code given in the table and supplement it with the required coating and shank form. Complete order code:





Drill diameter			Dimensions					M2705		M2805	
mm	Inch / Wire / Letter	Dec. equiv. Inch	Shank diameter d ₂ h ₆ mm	Total length L ₁ mm	Margin length L ₂ mm	Maximum drilling depth L ₃ mm	Shank length L ₄ mm	Order code Form / Diameter	Order code Form / Diameter		
3.00		0.1181	6	66	28	23	36	M2705-0300	●	M2805-0300	●
3.10		0.1220	6	66	28	23	36	M2705-0310	○	M2805-0310	●
3.18	1/8	0.1250	6	66	28	23	36	M2705-0318	●	M2805-0318	●
3.20		0.1260	6	66	28	23	36	M2705-0320	○	M2805-0320	●
3.30		0.1299	6	66	28	23	36	M2705-0330	●	M2805-0330	●
3.40		0.1339	6	66	28	23	36	M2705-0340	○	M2805-0340	○
3.45	#29	0.1358	6	66	28	23	36	M2705-0345	●	M2805-0345	●
3.50		0.1378	6	66	28	23	36	M2705-0350	●	M2805-0350	●
3.57	9/64	0.1406	6	66	28	23	36	M2705-0357	●	M2805-0357	●
3.60		0.1417	6	66	28	23	36	M2705-0360	○	M2805-0360	●
3.70		0.1457	6	66	28	23	36	M2705-0370	●	M2805-0370	●
3.80	#25	0.1496	6	74	36	29	36	M2705-0380	●	M2805-0380	●
3.86	#24	0.1520	6	74	36	29	36	M2705-0386	●	M2805-0386	●
3.90		0.1535	6	74	36	29	36	M2705-0390	○	M2805-0390	○
3.97	5/32	0.1562	6	74	36	29	36	M2705-0397	●	M2805-0397	●
4.00		0.1575	6	74	36	29	36	M2705-0400	●	M2805-0400	●
4.04	#21	0.1591	6	74	36	29	36	M2705-0404	●	M2805-0404	●
4.10		0.1614	6	74	36	29	36	M2705-0410	○	M2805-0410	●
4.20		0.1654	6	74	36	29	36	M2705-0420	●	M2805-0420	●
4.30	#18	0.1693	6	74	36	29	36	M2705-0430	○	M2805-0430	●
4.37	11/64	0.1719	6	74	36	29	36	M2705-0437	●	M2805-0437	●
4.40		0.1732	6	74	36	29	36	M2705-0440	●	M2805-0440	○
4.50	#16	0.1772	6	74	36	29	36	M2705-0450	●	M2805-0450	●
4.60		0.1811	6	74	36	29	36	M2705-0460	○	M2805-0460	●
4.62	#14	0.1819	6	74	36	29	36	M2705-0462	●	M2805-0462	●

For machining values see Page 52.

MEGA-Drill-Alu

M2705 / M2805

5xD

mm	Drill diameter d1 m7		Shank diameter d2 h6 mm	Dimensions				M2705		M2805	
	Inch / Wire / Letter	Dec. equiv. Inch		Total length L1 mm	Margin length L2 mm	Maximum drilling depth L3 mm	Shank length L4 mm	 M2705	 M2805	Order code Form / Diameter	Order code Form / Diameter
4.70	#13	0.1850	6	74	36	29	36	M2705-0470	○	M2805-0470	●
4.76	3/16	0.1875	6	82	44	35	36	M2705-0476	●	M2805-0476	●
4.80	#12	0.1890	6	82	44	35	36	M2705-0480	●	M2805-0480	●
4.90		0.1929	6	82	44	35	36	M2705-0490	○	M2805-0490	○
5.00		0.1969	6	82	44	35	36	M2705-0500	●	M2805-0500	●
5.10		0.2008	6	82	44	35	36	M2705-0510	○	M2805-0510	●
5.16	13/64	0.2031	6	82	44	35	36	M2705-0516	●	M2805-0516	●
5.20		0.2047	6	82	44	35	36	M2705-0520	●	M2805-0520	●
5.30		0.2087	6	82	44	35	36	M2705-0530	○	M2805-0530	○
5.40		0.2126	6	82	44	35	36	M2705-0540	○	M2805-0540	○
5.50		0.2165	6	82	44	35	36	M2705-0550	●	M2805-0550	●
5.56	7/32	0.2188	6	82	44	35	36	M2705-0556	●	M2805-0556	●
5.60		0.2205	6	82	44	35	36	M2705-0560	○	M2805-0560	●
5.70		0.2244	6	82	44	35	36	M2705-0570	●	M2805-0570	●
5.80		0.2283	6	82	44	35	36	M2705-0580	○	M2805-0580	○
5.90		0.2323	6	82	44	35	36	M2705-0590	○	M2805-0590	○
5.95	15/64	0.2344	6	82	44	35	36	M2705-0595	●	M2805-0595	●
6.00		0.2362	6	82	44	35	36	M2705-0600	●	M2805-0600	●
6.10		0.2402	8	91	53	43	36	M2705-0610	○	M2805-0610	○
6.15	C	0.2421	8	91	53	43	36	M2705-0615	●	M2805-0615	●
6.20		0.2441	8	91	53	43	36	M2705-0620	○	M2805-0620	○
6.30		0.2480	8	91	53	43	36	M2705-0630	○	M2805-0630	○
6.35	1/4	0.2500	8	91	53	43	36	M2705-0635	●	M2805-0635	●
6.40		0.2520	8	91	53	43	36	M2705-0640	○	M2805-0640	○
6.50		0.2559	8	91	53	43	36	M2705-0650	●	M2805-0650	●
6.53	F	0.2571	8	91	53	43	36	M2705-0653	●	M2805-0653	●
6.60		0.2598	8	91	53	43	36	M2705-0660	●	M2805-0660	●
6.63	G	0.2610	8	91	53	43	36	M2705-0663	●	M2805-0663	●
6.70		0.2638	8	91	53	43	36	M2705-0670	○	M2805-0670	○
6.75	17/64	0.2656	8	91	53	43	36	M2705-0675	●	M2805-0675	●
6.80		0.2677	8	91	53	43	36	M2705-0680	●	M2805-0680	●
6.90	I	0.2717	8	91	53	43	36	M2705-0690	○	M2805-0690	●
7.00		0.2756	8	91	53	43	36	M2705-0700	●	M2805-0700	●
7.10		0.2795	8	91	53	43	36	M2705-0710	○	M2805-0710	○
7.14	9/32	0.2812	8	91	53	43	36	M2705-0714	●	M2805-0714	●
7.20		0.2835	8	91	53	43	36	M2705-0720	●	M2805-0720	●
7.30		0.2874	8	91	53	43	36	M2705-0730	●	M2805-0730	●
7.40		0.2913	8	91	53	43	36	M2705-0740	○	M2805-0740	○
7.50		0.2953	8	91	53	43	36	M2705-0750	●	M2805-0750	●
7.54	19/64	0.2969	8	91	53	43	36	M2705-0754	●	M2805-0754	●
7.60		0.2992	8	91	53	43	36	M2705-0760	○	M2805-0760	○
7.70		0.3031	8	91	53	43	36	M2705-0770	○	M2805-0770	●
7.80		0.3071	8	91	53	43	36	M2705-0780	●	M2805-0780	●
7.90		0.3110	8	91	53	43	36	M2705-0790	○	M2805-0790	○
7.94	5/16	0.3125	8	91	53	43	36	M2705-0794	●	M2805-0794	●

For machining values see Page 52.

MEGA-Drill-Alu

M2705 / M2805

5xD



Drill diameter		Dimensions						M2705		M2805	
mm	d ₁ m7	Dec. equiv. Inch	Shank diameter d ₂ h6 mm	Total length L ₁ mm	Margin length L ₂ mm	Maximum drilling depth L ₃ mm	Shank length L ₄ mm	Order code Form / Diameter	Order code Form / Diameter		
	Inch / Wire / Letter										
8.00		0.3150	8	91	53	43	36	M2705-0800	●	M2805-0800	●
8.10		0.3189	10	103	61	49	40	M2705-0810	○	M2805-0810	○
8.20	P	0.3228	10	103	61	49	40	M2705-0820	○	M2805-0820	○
8.30		0.3268	10	103	61	49	40	M2705-0830	○	M2805-0830	○
8.33	21/64	0.3281	10	103	61	49	40	M2705-0833	●	M2805-0833	●
8.40		0.3307	10	103	61	49	40	M2705-0840	○	M2805-0840	○
8.43	Q	0.3319	10	103	61	49	40	M2705-0843	●	M2805-0843	●
8.50		0.3346	10	103	61	49	40	M2705-0850	●	M2805-0850	●
8.60		0.3386	10	103	61	49	40	M2705-0860	○	M2805-0860	○
8.70		0.3425	10	103	61	49	40	M2705-0870	○	M2805-0870	○
8.73	11/32	0.3438	10	103	61	49	40	M2705-0873	●	M2805-0873	●
8.80		0.3465	10	103	61	49	40	M2705-0880	●	M2805-0880	●
8.90		0.3504	10	103	61	49	40	M2705-0890	○	M2805-0890	○
9.00		0.3543	10	103	61	49	40	M2705-0900	●	M2805-0900	●
9.10		0.3583	10	103	61	49	40	M2705-0910	○	M2805-0910	○
9.13	23/64	0.3594	10	103	61	49	40	M2705-0913	●	M2805-0913	●
9.20		0.3622	10	103	61	49	40	M2705-0920	○	M2805-0920	○
9.30		0.3661	10	103	61	49	40	M2705-0930	●	M2805-0930	●
9.35	U	0.3681	10	103	61	49	40	M2705-0935	●	M2805-0935	●
9.40		0.3701	10	103	61	49	40	M2705-0940	●	M2805-0940	●
9.50		0.3740	10	103	61	49	40	M2705-0950	●	M2805-0950	●
9.53	3/8	0.3750	10	103	61	49	40	M2705-0953	●	M2805-0953	●
9.60		0.3780	10	103	61	49	40	M2705-0960	○	M2805-0960	○
9.70		0.3819	10	103	61	49	40	M2705-0970	○	M2805-0970	○
9.80	W	0.3858	10	103	61	49	40	M2705-0980	○	M2805-0980	○
9.90		0.3898	10	103	61	49	40	M2705-0990	○	M2805-0990	●
9.92	25/64	0.3906	10	103	61	49	40	M2705-0992	●	M2805-0995	●
10.00		0.3937	10	103	61	49	40	M2705-1000	●	M2805-1000	●
10.10		0.3976	12	118	71	56	45	M2705-1010	○	M2805-1010	○
10.20		0.4016	12	118	71	56	45	M2705-1020	●	M2805-1020	●
10.26	Y	0.4039	12	118	71	56	45	M2705-1026	●	M2805-1026	●
10.30		0.4055	12	118	71	56	45	M2705-1030	○	M2805-1030	●
10.32	13/32	0.4062	12	118	71	56	45	M2705-1032	●	M2805-1032	●
10.40		0.4094	12	118	71	56	45	M2705-1040	○	M2805-1040	○
10.50		0.4134	12	118	71	56	45	M2705-1050	●	M2805-1050	●
10.60		0.4173	12	118	71	56	45	M2705-1060	○	M2805-1060	○
10.70		0.4213	12	118	71	56	45	M2705-1070	○	M2805-1070	○
10.72	27/64	0.4219	12	118	71	56	45	M2705-1072	●	M2805-1072	●
10.80		0.4252	12	118	71	56	45	M2705-1080	○	M2805-1080	○
10.90		0.4291	12	118	71	56	45	M2705-1090	○	M2805-1090	○
11.00		0.4331	12	118	71	56	45	M2705-1100	●	M2805-1100	●
11.10		0.4370	12	118	71	56	45	M2705-1110	○	M2805-1110	○
11.11	7/16	0.4375	12	118	71	56	45	M2705-1111	●	M2805-1111	●
11.20		0.4409	12	118	71	56	45	M2705-1120	●	M2805-1120	●
11.30		0.4449	12	118	71	56	45	M2705-1130	●	M2805-1130	●

For machining values see Page 52.

MEGA-Drill-Alu

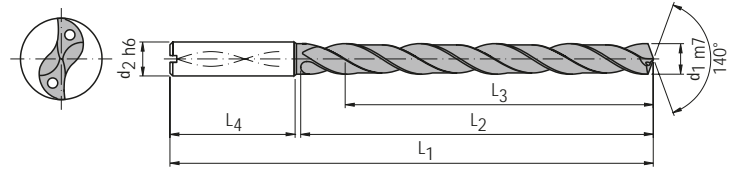
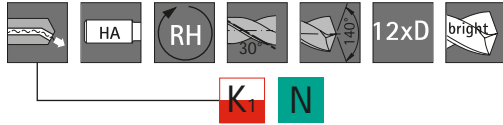
M2705 / M2805

5xD

mm	Drill diameter d ₁ m7		Shank diameter d ₂ h6 mm	Dimensions				 M2705	 M2805		
	Inch / Wire / Letter	Dec. equiv. Inch		Total length L ₁ mm	Margin length L ₂ mm	Maximum drilling depth L ₃ mm	Shank length L ₄ mm			Order code Form / Diameter	Order code Form / Diameter
11.40		0.4488	12	118	71	56	45	M2705-1140	○	M2805-1140	○
11.50	29/64	0.4528	12	118	71	56	45	M2705-1150	●	M2805-1150	●
11.60		0.4567	12	118	71	56	45	M2705-1160	○	M2805-1160	○
11.70		0.4606	12	118	71	56	45	M2705-1170	○	M2805-1170	○
11.80		0.4646	12	118	71	56	45	M2705-1180	●	M2805-1180	●
11.90	15/32	0.4685	12	118	71	56	45	M2705-1190	○	M2805-1190	○
12.00		0.4724	12	118	71	56	45	M2705-1200	●	M2805-1200	●
12.30	31/64	0.4843	14	124	77	60	45	M2705-1230	●	M2805-1230	●
12.50		0.4921	14	124	77	60	45	M2705-1250	●	M2805-1250	●
12.70	1/2	0.5000	14	124	77	60	45	M2705-1270	●	M2805-1270	●
12.80		0.5039	14	124	77	60	45	M2705-1280	●	M2805-1280	●
13.00		0.5118	14	124	77	60	45	M2705-1300	●	M2805-1300	●
13.10	33/64	0.5157	14	124	77	60	45	M2705-1310	○	M2805-1310	●
13.30		0.5236	14	124	77	60	45	M2705-1330	●	M2805-1330	●
13.50		0.5315	14	124	77	60	45	M2705-1350	●	M2805-1350	●
13.80		0.5433	14	124	77	60	45	M2705-1380	○	M2805-1380	○
14.00		0.5512	14	124	77	60	45	M2705-1400	●	M2805-1400	●
14.30	9/16	0.5630	16	133	83	63	48	M2705-1430	●	M2805-1430	○
14.50		0.5709	16	133	83	63	48	M2705-1450	●	M2805-1450	●
14.68	37/64	0.5780	16	133	83	63	48	M2705-1468	●	M2805-1468	●
14.80		0.5827	16	133	83	63	48	M2705-1480	●	M2805-1480	●
15.00		0.5906	16	133	83	63	48	M2705-1500	●	M2805-1500	●
15.08	19/32	0.5937	16	133	83	63	48	M2705-1508	●	M2805-1508	●
15.50		0.6102	16	133	83	63	48	M2705-1550	●	M2805-1550	●
15.80		0.6220	16	133	83	63	48	M2705-1580	○	M2805-1580	○
15.88	5/8	0.6250	16	133	83	63	48	M2705-1588	●	M2805-1588	●
16.00		0.6299	16	133	83	63	48	M2705-1600	●	M2805-1600	●
16.50		0.6496	18	143	93	71	48	M2705-1650	●	M2805-1650	●
16.67	21/32	0.6563	18	143	93	71	48	M2705-1667	●	M2805-1667	●
16.80		0.6614	18	143	93	71	48	M2705-1680	●	M2805-1680	●
17.00		0.6693	18	143	93	71	48	M2705-1700	●	M2805-1700	●
17.46	11/16	0.6874	18	143	93	71	48	M2705-1746	●	M2805-1746	●
17.50		0.6890	18	143	93	71	48	M2705-1750	●	M2805-1750	●
17.80		0.7008	18	143	93	71	48	M2705-1780	○	M2805-1780	○
17.86	45/64	0.7031	18	143	93	71	48	M2705-1786	●	M2805-1786	●
18.00		0.7087	18	143	93	71	48	M2705-1800	●	M2805-1800	●
18.26	23/32	0.7189	20	153	101	77	50	M2705-1826	●	M2805-1826	●
18.50		0.7283	20	153	101	77	50	M2705-1850	●	M2805-1850	●
18.80		0.7402	20	153	101	77	50	M2705-1880	○	M2805-1880	○
19.00		0.7480	20	153	101	77	50	M2705-1900	●	M2805-1900	●
19.05	3/4	0.7500	20	153	101	77	50	M2705-1905	●	M2805-1905	●
19.50		0.7677	20	153	101	77	50	M2705-1950	●	M2805-1950	●
19.80		0.7795	20	153	101	77	50	M2705-1980	○	M2805-1980	○
20.00		0.7874	20	153	101	77	50	M2705-2000	●	M2805-2000	●

For machining values see Page 52.

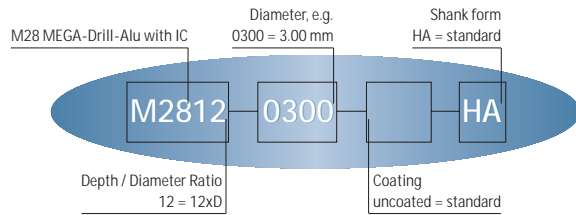
MEGA-Drill-Alu M2812



Design:

Drill diameter: 3.00 – 20.00 mm
0.1181 – 0.7874 Inch
Bore tolerance: IT 9 (achievable)
No. of margins: 2

To order, use the code given in the table and supplement it with the required coating and shank form.
Complete order code:




Drill diameter			Dimensions					M2812
mm	Inch / Wire / Letter	Dec. equivalent Inch	Shank diameter d ₂ h ₆ mm	Total length L ₁ mm	Margin length L ₂ mm	Maximum drilling depth L ₃ mm	Shank length L ₄ mm	
3.00		0.1181	6	92	54	48	36	M2812-0300 ●
3.10		0.1220	6	92	54	48	36	M2812-0310 ●
3.18	1/8	0.1250	6	92	54	48	36	M2812-0318 ●
3.20		0.1260	6	92	54	48	36	M2812-0320 ○
3.30		0.1299	6	92	54	48	36	M2812-0330 ●
3.40		0.1339	6	92	54	48	36	M2812-0340 ○
3.45	#29	0.1358	6	92	54	48	36	M2812-0345 ●
3.50		0.1378	6	92	54	48	36	M2812-0350 ●
3.57	9/64	0.1406	6	92	54	48	36	M2812-0357 ●
3.60		0.1417	6	92	54	48	36	M2812-0360 ●
3.70		0.1457	6	92	54	48	36	M2812-0370 ●
3.80	#25	0.1496	6	102	64	58	36	M2812-0380 ●
3.86	#24	0.1520	6	102	64	58	36	M2812-0386 ●
3.90		0.1535	6	102	64	58	36	M2812-0390 ○
3.97	5/32	0.1562	6	102	64	58	36	M2812-0397 ●
4.00		0.1575	6	102	64	58	36	M2812-0400 ●
4.04	#21	0.1591	6	102	64	58	36	M2812-0404 ●
4.10		0.1614	6	102	64	58	36	M2812-0410 ○
4.20		0.1654	6	102	64	58	36	M2812-0420 ○
4.30	#18	0.1693	6	102	64	58	36	M2812-0430 ●
4.37	11/64	0.1719	6	102	64	58	36	M2812-0437 ●
4.40		0.1732	6	102	64	58	36	M2812-0440 ●
4.50	#16	0.1772	6	102	64	58	36	M2812-0450 ●
4.60		0.1811	6	102	64	58	36	M2812-0460 ●
4.62	#14	0.1819	6	102	64	58	36	M2812-0462 ●

For machining values see Page 52.

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12xD


Drill diameter d ₁ m7		Dimensions						 M2812	Order code Form / Diameter	
mm	Inch / Wire / Letter	Dec. equivalent Inch	Shank diameter d ₂ h6 mm	Total length L ₁ mm	Margin length L ₂ mm	Maximum drilling depth L ₃ mm	Shank length L ₄ mm			
4.70	#13	0.1850	6	102	64	58	36	M2812-0470	○	
4.76	3/16	0.1875	6	116	78	70	36	M2812-0476	●	
4.80	#12	0.1890	6	116	78	70	36	M2812-0480	○	
4.90		0.1929	6	116	78	70	36	M2812-0490	○	
5.00		0.1969	6	116	78	70	36	M2812-0500	●	
5.10		0.2008	6	116	78	70	36	M2812-0510	●	
5.16	13/64	0.2031	6	116	78	70	36	M2812-0516	●	
5.20		0.2047	6	116	78	70	36	M2812-0520	●	
5.30		0.2087	6	116	78	70	36	M2812-0530	○	
5.40		0.2126	6	116	78	70	36	M2812-0540	○	
5.50		0.2165	6	116	78	70	36	M2812-0550	●	
5.56	7/32	0.2188	6	116	78	70	36	M2812-0556	●	
5.60		0.2205	6	116	78	70	36	M2812-0560	●	
5.70		0.2244	6	116	78	70	36	M2812-0570	●	
5.80		0.2283	6	116	78	70	36	M2812-0580	○	
5.90		0.2323	6	116	78	70	36	M2812-0590	●	
5.95	15/64	0.2344	6	116	78	70	36	M2812-0595	●	
6.00		0.2362	6	116	78	70	36	M2812-0600	●	
6.10		0.2402	8	146	108	94	36	M2812-0610	○	
6.15	C	0.2421	8	146	108	94	36	M2812-0615	●	
6.20		0.2441	8	146	108	94	36	M2812-0620	○	
6.30		0.2480	8	146	108	94	36	M2812-0630	○	
6.35	1/4	0.2500	8	146	108	94	36	M2812-0635	●	
6.40		0.2520	8	146	108	94	36	M2812-0640	○	
6.50		0.2559	8	146	108	94	36	M2812-0650	●	
6.53	F	0.2571	8	146	108	94	36	M2812-0653	●	
6.60		0.2598	8	146	108	94	36	M2812-0660	●	
6.63	G	0.2610	8	146	108	94	36	M2812-0663	●	
6.70		0.2638	8	146	108	94	36	M2812-0670	○	
6.75	17/64	0.2656	8	146	108	94	36	M2812-0675	●	
6.80		0.2677	8	146	108	94	36	M2812-0680	●	
6.90	I	0.2717	8	146	108	94	36	M2812-0690	●	
7.00		0.2756	8	146	108	94	36	M2812-0700	●	
7.10		0.2795	8	146	108	94	36	M2812-0710	○	
7.14	9/32	0.2812	8	146	108	94	36	M2812-0714	●	
7.20		0.2835	8	146	108	94	36	M2812-0720	○	
7.30		0.2874	8	146	108	94	36	M2812-0730	●	
7.40		0.2913	8	146	108	94	36	M2812-0740	●	
7.50		0.2953	8	146	108	94	36	M2812-0750	●	
7.54	19/64	0.2969	8	146	108	94	36	M2812-0754	●	
7.60		0.2992	8	146	108	94	36	M2812-0760	●	
7.70		0.3031	8	146	108	94	36	M2812-0770	●	
7.80		0.3071	8	146	108	94	36	M2812-0780	○	
7.90		0.3110	8	146	108	94	36	M2812-0790	○	
7.94	5/16	0.3125	8	146	108	94	36	M2812-0794	●	

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M2812


12xD

Drill diameter		Dimensions						 M2812 Order code Form / Diameter	
mm	d ₁ m7 Inch / Wire / Letter	Dec. equivalent Inch	Shank diameter d ₂ h6 mm	Total length L ₁ mm	Margin length L ₂ mm	Maximum drilling depth L ₃ mm	Shank length L ₄ mm		
8.00		0.3150	8	146	108	94	36	M2812-0800	●
8.10		0.3189	10	162	120	110	40	M2812-0810	○
8.20	P	0.3228	10	162	120	110	40	M2812-0820	○
8.30		0.3268	10	162	120	110	40	M2812-0830	○
8.33	21/64	0.3281	10	162	120	110	40	M2812-0833	●
8.40		0.3307	10	162	120	110	40	M2812-0840	○
8.43	Q	0.3319	10	162	120	110	40	M2812-0843	●
8.50		0.3346	10	162	120	110	40	M2812-0850	●
8.60		0.3386	10	162	120	110	40	M2812-0860	○
8.70		0.3425	10	162	120	110	40	M2812-0870	○
8.73	11/32	0.3438	10	162	120	110	40	M2812-0873	●
8.80		0.3465	10	162	120	110	40	M2812-0880	●
8.90		0.3504	10	162	120	110	40	M2812-0890	○
9.00		0.3543	10	162	120	110	40	M2812-0900	●
9.10		0.3583	10	162	120	110	40	M2812-0910	○
9.13	23/64	0.3594	10	162	120	110	40	M2812-0913	●
9.20		0.3622	10	162	120	110	40	M2812-0920	○
9.30		0.3661	10	162	120	110	40	M2812-0930	●
9.35	U	0.3681	10	162	120	110	40	M2812-0935	●
9.40		0.3701	10	162	120	110	40	M2812-0940	○
9.50		0.3740	10	162	120	110	40	M2812-0950	●
9.53	3/8	0.3750	10	162	120	110	40	M2812-0953	●
9.60		0.3780	10	162	120	110	40	M2812-0960	●
9.70		0.3819	10	162	120	110	40	M2812-0970	○
9.80	W	0.3858	10	162	120	110	40	M2812-0980	○
9.90		0.3898	10	162	120	110	40	M2812-0990	●
9.92	25/64	0.3906	10	162	120	110	40	M2812-0992	●
10.00		0.3937	10	162	120	110	40	M2812-1000	●
10.10		0.3976	12	204	156	142	45	M2812-1010	○
10.20		0.4016	12	204	156	142	45	M2812-1020	●
10.26	Y	0.4039	12	204	156	142	45	M2812-1026	●
10.30		0.4055	12	204	156	142	45	M2812-1030	●
10.32	13/32	0.4062	12	204	156	142	45	M2812-1032	●
10.40		0.4094	12	204	156	142	45	M2812-1040	○
10.50		0.4134	12	204	156	142	45	M2812-1050	●
10.60		0.4173	12	204	156	142	45	M2812-1060	○
10.70		0.4213	12	204	156	142	45	M2812-1070	○
10.72	27/64	0.4219	12	204	156	142	45	M2812-1072	●
10.80		0.4252	12	204	156	142	45	M2812-1080	○
10.90		0.4291	12	204	156	142	45	M2812-1090	○
11.00		0.4331	12	204	156	142	45	M2812-1100	●
11.10		0.4370	12	204	156	142	45	M2812-1110	○
11.11	7/16	0.4375	12	204	156	142	45	M2812-1111	●
11.20		0.4409	12	204	156	142	45	M2812-1120	●
11.30		0.4449	12	204	156	142	45	M2812-1130	○

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12xD

Drill diameter d ₁ m7		Dec. equivalent Inch	Dimensions					Shank length L ₄ mm	 M2812 Order code Form / Diameter
mm	Inch / Wire / Letter		Shank diameter d ₂ h ₆ mm	Total length L ₁ mm	Margin length L ₂ mm	Maximum drilling depth L ₃ mm			
11.40		0.4488	12	204	156	142	45	M2812-1140	○
11.50	29/64	0.4528	12	204	156	142	45	M2812-1150	●
11.60		0.4567	12	204	156	142	45	M2812-1160	○
11.70		0.4606	12	204	156	142	45	M2812-1170	○
11.80		0.4646	12	204	156	142	45	M2812-1180	●
11.90	15/32	0.4685	12	204	156	142	45	M2812-1190	○
12.00		0.4724	12	204	156	142	45	M2812-1200	●
12.30	31/64	0.4843	14	230	182	166	45	M2812-1230	○
12.50		0.4921	14	230	182	166	45	M2812-1250	●
12.70	1/2	0.5000	14	230	182	166	45	M2812-1270	●
12.80		0.5039	14	230	182	166	45	M2812-1280	●
13.00		0.5118	14	230	182	166	45	M2812-1300	●
13.10	33/64	0.5157	14	230	182	166	45	M2812-1310	○
13.50		0.5315	14	230	182	166	45	M2812-1350	●
13.80		0.5433	14	230	182	166	45	M2812-1380	○
14.00		0.5512	14	230	182	166	45	M2812-1400	●
14.30	9/16	0.5630	16	260	208	192	48	M2812-1430	○
14.50		0.5709	16	260	208	192	48	M2812-1450	●
14.68	37/64	0.5780	16	260	208	192	48	M2812-1468	●
14.80		0.5827	16	260	208	192	48	M2812-1480	○
15.00		0.5906	16	260	208	192	48	M2812-1500	●
15.08	19/32	0.5937	16	260	208	192	48	M2812-1508	●
15.50		0.6102	16	260	208	192	48	M2812-1550	●
15.80		0.6220	16	260	208	192	48	M2812-1580	○
15.88	5/8	0.6250	16	260	208	192	48	M2812-1588	●
16.00		0.6299	16	260	208	192	48	M2812-1600	●
16.50		0.6496	18	285	234	216	48	M2812-1650	○
16.67	21/32	0.6563	18	285	234	216	48	M2812-1667	●
16.80		0.6614	18	285	234	216	48	M2812-1680	●
17.00		0.6693	18	285	234	216	48	M2812-1700	○
17.46	11/16	0.6874	18	285	234	216	48	M2812-1746	●
17.50		0.6890	18	285	234	216	48	M2812-1750	○
17.80		0.7008	18	285	234	216	48	M2812-1780	○
17.86	45/64	0.7031	18	285	234	216	48	M2812-1786	●
18.00		0.7087	18	285	234	216	48	M2812-1800	○
18.26	23/32	0.7189	20	310	258	240	50	M2812-1826	●
18.50		0.7283	20	310	258	240	50	M2812-1850	○
18.80		0.7402	20	310	258	240	50	M2812-1880	○
19.00		0.7480	20	310	258	240	50	M2812-1900	○
19.05	3/4	0.7500	20	310	258	240	50	M2812-1905	●
19.50		0.7677	20	310	258	240	50	M2812-1950	○
19.80		0.7795	20	310	258	240	50	M2812-1980	○
20.00		0.7874	20	310	258	240	50	M2812-2000	○

For machining values see Page 52.