












Selection guide for MAPAL High Performance Solid Carbide Drills

		MEGA-Drill-Steel					MEGA-Quadro-Drill			MEGA-Drill-Inox				GIGA-Drill			MEGA-Drill-Reamer		MEGA-Drill-Alu			Solid carbide drill, straight flutes					PCD-tipped drill, straight flutes						
Coolant supply		external		internal						external		internal					inter- nal		inter- nal		exter- nal			inter- nal		exter- nal			inter- nal				
																																	
		M2003	M2005	M2103	M2105	M2108	M2175	M2175	M2182	M1703	M1705	M1803	M1805				M2195	M2263	M2265	M2705	M2805	M2812	M2503	M2603	M2605	M2608	M2612	M2903	M2905	M2913	M2915	M2918	
	Depth/Diameter Ratio	3xD	5xD	3xD	5xD	8xD	5xD	8xD	12xD	3xD	5xD	3xD	5xD				5xD	3xD	5xD	5xD	5xD	12xD	3xD	3xD	5xD	8xD	12xD	3xD	3xD	3xD	5xD	8xD	
	Diameter range (mm)	3 – 20	3 – 20	3 – 20	3 – 20	3 – 20	3 – 20	3 – 20	3 – 20	3 – 20	3 – 20	3 – 20	3 – 20				6 – 20	Built to your specific requirements and available through short delivery between the diameters of 5.97 mm and 12.72 mm.		3 – 20	3 – 20	3 – 20	Built to your specific requirements and available through short delivery between the diameters of 3.00 mm and 20.00 mm.					Built to your specific requirements and available through short delivery between the diameters of 5.00 mm and 20.00 mm.					
	(inch)	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874	0.1181–0.7874				0.2362–0.7890			0.1181–0.7874	0.1181–0.7874	0.1181–0.7874											
	Achievable tolerance	IT9					IT8			IT9							IT9	IT7		IT9			IT9	IT9					IT8		IT8		
	Number of margins	2					2			2							4	2+4		2			2	2					2		2		
	Standard coating	MxF					MxF			MxF							MxF	MxF		-			MxF	MxF					-		-		
	see catalog page	16	20	16	20	24	56	60	64	32	36	32	36				72	81	82	44	44	48	88	88	89	89	89	90	91	90	91	91	
P	Unalloyed steel, low-alloyed steel, high-alloyed steel, cast steel	○		○			○			○		○					○																
M	Stainless and acid resistant steel				○			○		○		○					○																
K₁	Grey cast iron, alloyed grey cast iron	○		○			○			○		○				○	○	○		○		○		○									
K₂	Modular iron CGI, malleable iron	○		○			○			○		○				○	○					○		○									
N	Non-ferrous metals									○		○				○	○	○		○		○		○			○		○		○		
S	Heat-resistant steel, titanium, nickel-alloys	○		○			○			○		○					○																
H	Hardened steel, chilled cast iron	○		○			○										○																

- Highly suitable
- Suitable
- Suitable for some applications