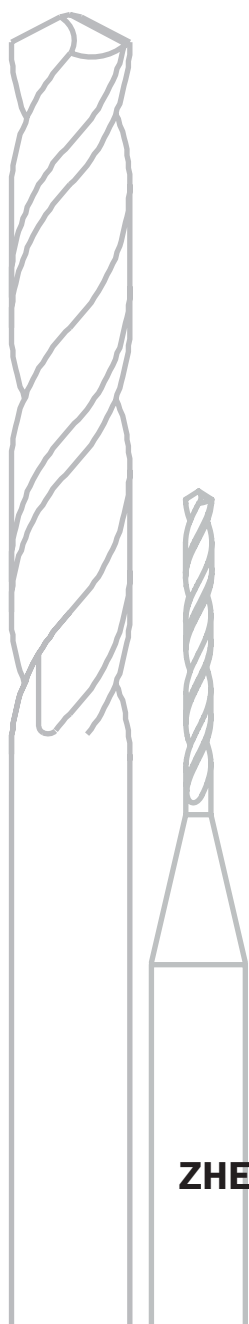


MingHong

浙江鸣鸿精密技术有限公司
Zhejiang MingHong Precision Co. Ltd

MICRO DRILLS CATELOGE

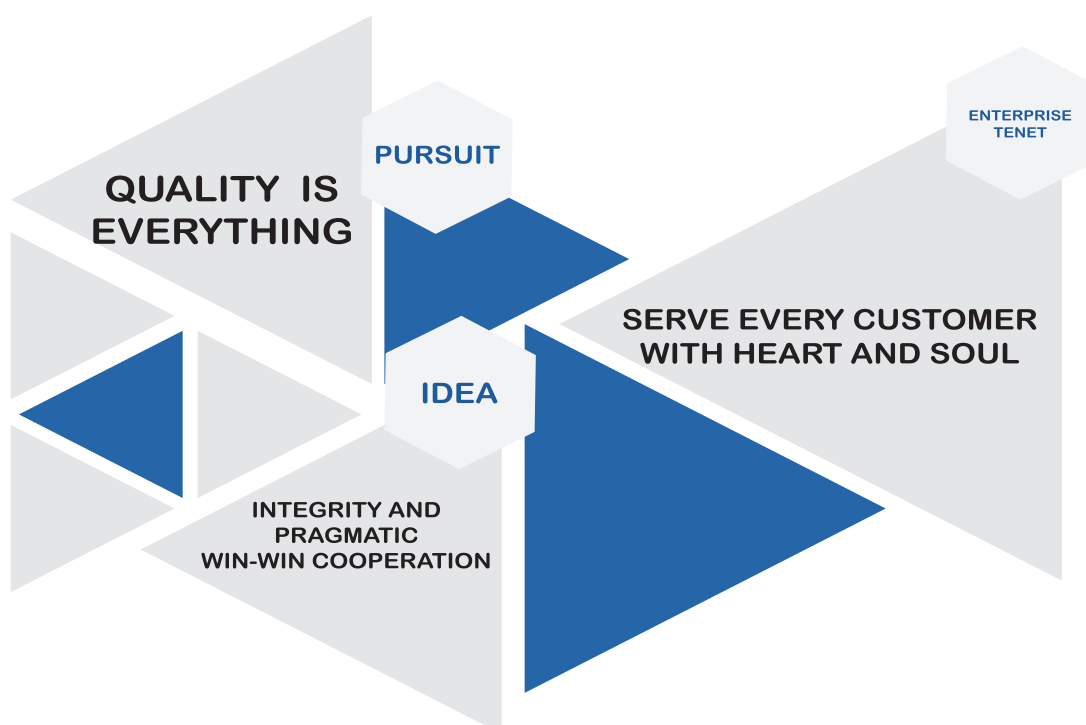
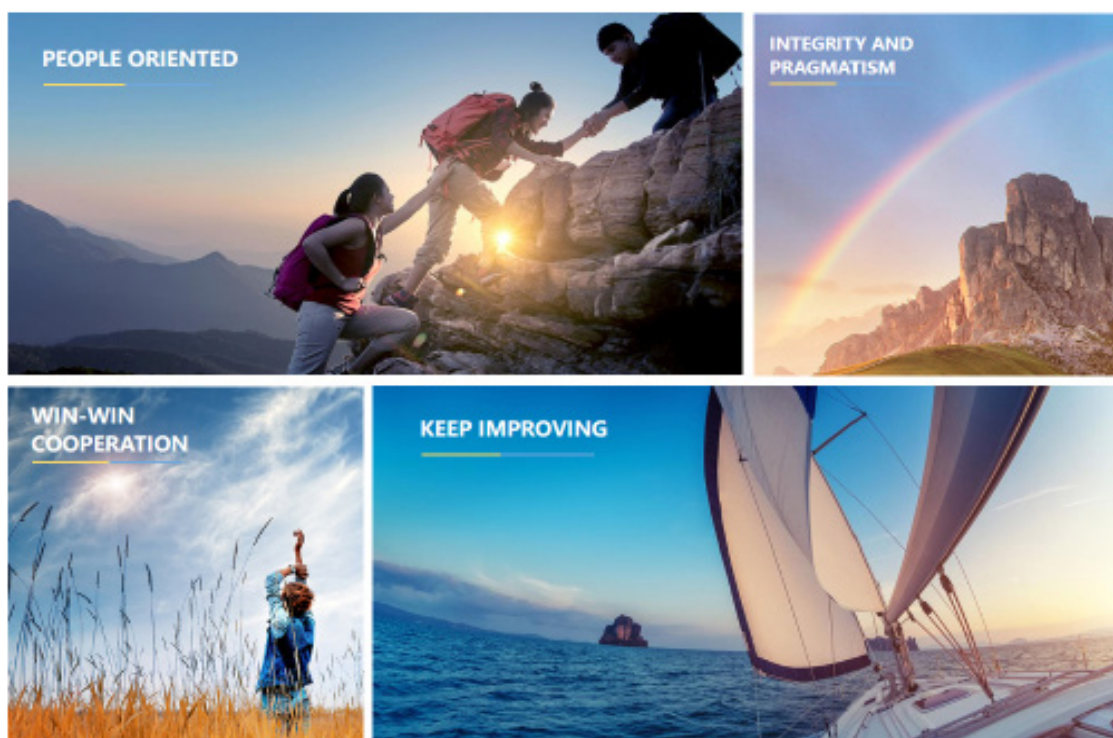


ZHEJIANG MINGHONG PRECISION TECHNOLOGY CO., LTD



浙江鸣鸿精密技术有限公司
Zhejiang MingHong Precision Co. Ltd

CORE VALUES



ABOUT MINGHONG

Zhejiang Minghong Precision Technology Co., Ltd. is a high-tech enterprise integrating independent research and development and production of high-precision cutting tools, headquartered in Linping District, Hangzhou City, Zhejiang Province, China.

The company is committed to the advancement and development of industry technology, and has more than 10 years of experience in the production of high-precision cutting tools. In 2022, the company officially launched the factory direct sales business to provide global customers with overall solutions for precision cutting tools.

The company's products are widely used in 3C consumer electronics, molds, graphite, automobiles, medical equipment and other processing and manufacturing fields. Customers are located in China, South Korea, Japan, Russia and other countries and regions, and strive to build a dedicated, professional and dedicated modern enterprise.

All the staff of the company adhere to the tenet of strict requirements and innovation, pay attention to every commitment, focus on every detail, keep improving, produce excellent products, and win unanimous praise from many customers.



ISO9001 Certification

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Product Applications



Aerospace industry



Electronics Manufacturing

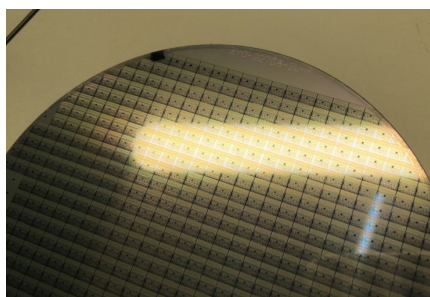
Microelectronics



Healthcare



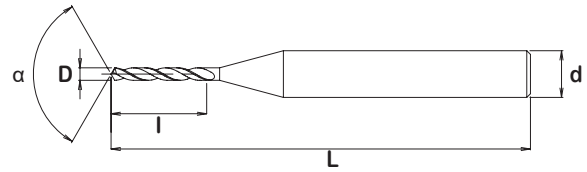
Semiconductor industry



Automobile Manufacturing



Solid carbide micro drills

Diameter range: $\Phi 0.03$ - $\Phi 3.0$ mm Diameter Tolerance: 0-0.003mm

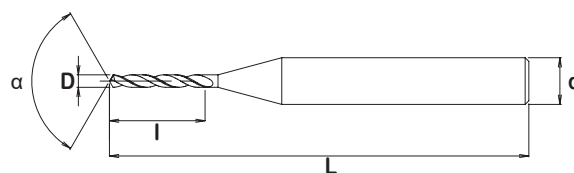
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
○	○	○	○	~55HRC	~60HRC	~70HRC	×	○	×	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d * L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.03*0.3*3*38	0.030	0.3	3	38
MH-0.035*0.35*3*38	0.035	0.35	3	38
MH-0.04*0.4*3*38	0.040	0.4	3	38
MH-0.045*0.45*3*38	0.045	0.45	3	38
MH-0.05*0.5*3*38	0.050	0.5	3	38
MH-0.055*0.55*3*38	0.055	0.55	3	38
MH-0.06*0.6*3*38	0.060	0.6	3	38
MH-0.065*0.65*3*38	0.065	0.65	3	38
MH-0.07*0.7*3*38	0.070	0.7	3	38
MH-0.075*0.75*3*38	0.075	0.75	3	38
MH-0.08*0.8*3*38	0.080	0.8	3	38
MH-0.085*0.85*3*38	0.085	0.85	3	38
MH-0.09*0.9*3*38	0.090	0.9	3	38
MH-0.095*0.95*3*38	0.095	0.95	3	38
MH-0.1*1.5*3*38	0.10	1.5	3	38
MH-0.11*1.5*3*38	0.11	1.5	3	38
MH-0.12*2.5*3*38	0.12	2.5	3	38
MH-0.13*2.5*3*38	0.13	2.5	3	38
MH-0.14*2.5*3*38	0.14	2.5	3	38
MH-0.15*2.5*3*38	0.15	2.5	3	38
MH-0.16*2.5*3*38	0.16	2.5	3	38
MH-0.17*2.5*3*38	0.17	2.5	3	38
MH-0.18*2.5*3*38	0.18	2.5	3	38
MH-0.19*2.5*3*38	0.19	2.5	3	38
MH-0.20*3.5*3*38	0.20	3.5	3	38
MH-0.21*3.5*3*38	0.21	3.5	3	38
MH-0.22*3.5*3*38	0.22	3.5	3	38
MH-0.23*3.5*3*38	0.23	3.5	3	38
MH-0.24*3.5*3*38	0.24	3.5	3	38
MH-0.25*3.5*3*38	0.25	3.5	3	38
MH-0.26*3.5*3*38	0.26	3.5	3	38
MH-0.27*3.5*3*38	0.27	3.5	3	38
MH-0.28*3.5*3*38	0.28	3.5	3	38
MH-0.29*3.5*3*38	0.29	3.5	3	38
MH-0.30*5*3*38	0.30	5.0	3	38
MH-0.31*5*3*38	0.31	5.0	3	38
MH-0.32*5*3*38	0.32	5.0	3	38
MH-0.33*5*3*38	0.33	5.0	3	38
MH-0.34*5*3*38	0.34	5.0	3	38
MH-0.35*5*3*38	0.35	5.0	3	38
MH-0.36*5*3*38	0.36	5.0	3	38
MH-0.37*5*3*38	0.37	5.0	3	38
MH-0.38*5*3*38	0.38	5.0	3	38
MH-0.39*5*3*38	0.39	5.0	3	38
MH-0.40*6*3*38	0.40	6.0	3	38
MH-0.41*6*3*38	0.41	6.0	3	38
MH-0.42*6*3*38	0.42	6.0	3	38
MH-0.43*6*3*38	0.43	6.0	3	38
MH-0.44*6*3*38	0.44	6.0	3	38
MH-0.45*6*3*38	0.45	6.0	3	38
MH-0.46*6*3*38	0.46	6.0	3	38
MH-0.47*6*3*38	0.47	6.0	3	38
MH-0.48*6*3*38	0.48	6.0	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d * L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.49*6*3*38	0.49	6.0	3	38
MH-0.50*6*3*38	0.50	6.0	3	38
MH-0.51*6*3*38	0.51	6.0	3	38
MH-0.52*6*3*38	0.52	6.0	3	38
MH-0.53*6*3*38	0.53	6.0	3	38
MH-0.54*6*3*38	0.54	6.0	3	38
MH-0.55*6*3*38	0.55	6.0	3	38
MH-0.56*6*3*38	0.56	6.0	3	38
MH-0.57*6*3*38	0.57	6.0	3	38
MH-0.58*6*3*38	0.58	6.0	3	38
MH-0.59*6*3*38	0.59	6.0	3	38
MH-0.60*7*3*38	0.60	7.0	3	38
MH-0.61*7*3*38	0.61	7.0	3	38
MH-0.62*7*3*38	0.62	7.0	3	38
MH-0.63*7*3*38	0.63	7.0	3	38
MH-0.64*7*3*38	0.64	7.0	3	38
MH-0.65*7*3*38	0.65	7.0	3	38
MH-0.66*7*3*38	0.66	7.0	3	38
MH-0.67*7*3*38	0.67	7.0	3	38
MH-0.68*7*3*38	0.68	7.0	3	38
MH-0.69*7*3*38	0.69	7.0	3	38
MH-0.70*8*3*38	0.70	8.0	3	38
MH-0.71*8*3*38	0.71	8.0	3	38
MH-0.72*8*3*38	0.72	8.0	3	38
MH-0.73*8*3*38	0.73	8.0	3	38
MH-0.74*8*3*38	0.74	8.0	3	38
MH-0.75*8*3*38	0.75	8.0	3	38
MH-0.76*8*3*38	0.76	8.0	3	38
MH-0.77*8*3*38	0.77	8.0	3	38
MH-0.78*8*3*38	0.78	8.0	3	38
MH-0.79*8*3*38	0.79	8.0	3	38
MH-0.80*8*3*38	0.80	8.0	3	38
MH-0.81*8*3*38	0.81	8.0	3	38
MH-0.82*8*3*38	0.82	8.0	3	38
MH-0.83*8*3*38	0.83	8.0	3	38
MH-0.84*8*3*38	0.84	8.0	3	38
MH-0.85*8*3*38	0.85	8.0	3	38
MH-0.86*8*3*38	0.86	8.0	3	38
MH-0.87*8*3*38	0.87	8.0	3	38
MH-0.88*8*3*38	0.88	8.0	3	38
MH-0.89*8*3*38	0.89	8.0	3	38
MH-0.90*8*3*38	0.90	8.0	3	38
MH-0.91*8*3*38	0.91	8.0	3	38
MH-0.92*8*3*38	0.92	8.0	3	38
MH-0.93*8*3*38	0.93	8.0	3	38
MH-0.94*8*3*38	0.94	8.0	3	38
MH-0.95*8*3*38	0.95	8.0	3	38
MH-0.96*8*3*38	0.96	8.0	3	38
MH-0.97*8*3*38	0.97	8.0	3	38
MH-0.98*8*3*38	0.98	8.0	3	38
MH-0.99*8*3*38	0.99	8.0	3	38
MH-1.00*10*3*38	1.00	10.0	3	38

Solid carbide micro drills

Diameter range: $\Phi 0.03$ - $\Phi 3.0$ mm Diameter Tolerance: 0-0.003mm

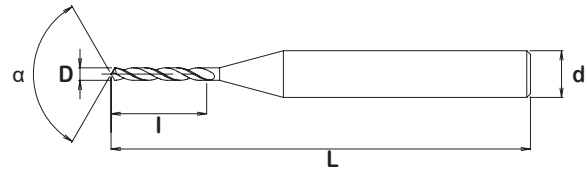
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminum alloy	Fibres of glass	Bakelite (early plastics)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
○	○	○	○	×	×	×	×	○	×	●	●	●	●	●	×	×	×	×	○
				~55HRC	~60HRC	~70HRC													

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.01*10*3*38	1.01	10.0	3	38
MH-1.02*10*3*38	1.02	10.0	3	38
MH-1.03*10*3*38	1.03	10.0	3	38
MH-1.04*10*3*38	1.04	10.0	3	38
MH-1.05*10*3*38	1.05	10.0	3	38
MH-1.06*10*3*38	1.06	10.0	3	38
MH-1.07*10*3*38	1.07	10.0	3	38
MH-1.08*10*3*38	1.08	10.0	3	38
MH-1.09*10*3*38	1.09	10.0	3	38
MH-1.1*10*3*38	1.10	10.0	3	38
MH-1.11*10*3*38	1.11	10.0	3	38
MH-1.12*10*3*38	1.12	10.0	3	38
MH-1.13*10*3*38	1.13	10.0	3	38
MH-1.14*10*3*38	1.14	10.0	3	38
MH-1.15*10*3*38	1.15	10.0	3	38
MH-1.16*10*3*38	1.16	10.0	3	38
MH-1.17*10*3*38	1.17	10.0	3	38
MH-1.18*10*3*38	1.18	10.0	3	38
MH-1.19*10*3*38	1.19	10.0	3	38
MH-1.2*10*3*38	1.20	10.0	3	38
MH-1.21*10*3*38	1.21	10.0	3	38
MH-1.22*10*3*38	1.22	10.0	3	38
MH-1.23*10*3*38	1.23	10.0	3	38
MH-1.24*10*3*38	1.24	10.0	3	38
MH-1.25*10*3*38	1.25	10.0	3	38
MH-1.26*10*3*38	1.26	10.0	3	38
MH-1.27*10*3*38	1.27	10.0	3	38
MH-1.28*10*3*38	1.28	10.0	3	38
MH-1.29*10*3*38	1.29	10.0	3	38
MH-1.3*10*3*38	1.30	10.0	3	38
MH-1.31*10*3*38	1.31	10.0	3	38
MH-1.32*10*3*38	1.32	10.0	3	38
MH-1.33*10*3*38	1.33	10.0	3	38
MH-1.34*10*3*38	1.34	10.0	3	38
MH-1.35*10*3*38	1.35	10.0	3	38
MH-1.36*10*3*38	1.36	10.0	3	38
MH-1.37*10*3*38	1.37	10.0	3	38
MH-1.38*10*3*38	1.38	10.0	3	38
MH-1.39*10*3*38	1.39	10.0	3	38
MH-1.4*10*3*38	1.40	10.0	3	38
MH-1.41*10*3*38	1.41	10.0	3	38
MH-1.42*10*3*38	1.42	10.0	3	38
MH-1.43*10*3*38	1.43	10.0	3	38
MH-1.44*10*3*38	1.44	10.0	3	38
MH-1.45*10*3*38	1.45	10.0	3	38
MH-1.46*10*3*38	1.46	10.0	3	38
MH-1.47*10*3*38	1.47	10.0	3	38
MH-1.48*10*3*38	1.48	10.0	3	38
MH-1.49*10*3*38	1.49	10.0	3	38
MH-1.5*10*3*38	1.50	10.0	3	38
MH-1.51*10*3*38	1.51	10.0	3	38
MH-1.52*10*3*38	1.52	10.0	3	38
MH-1.53*10*3*38	1.53	10.0	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.54*10*3*38	1.54	10.0	3	38
MH-1.55*10*3*38	1.55	10.0	3	38
MH-1.56*10*3*38	1.56	10.0	3	38
MH-1.57*10*3*38	1.57	10.0	3	38
MH-1.58*10*3*38	1.58	10.0	3	38
MH-1.59*10*3*38	1.59	10.0	3	38
MH-1.6*12*3*38	1.60	12.0	3	38
MH-1.61*12*3*38	1.61	12.0	3	38
MH-1.62*12*3*38	1.62	12.0	3	38
MH-1.63*12*3*38	1.63	12.0	3	38
MH-1.64*12*3*38	1.64	12.0	3	38
MH-1.65*12*3*38	1.65	12.0	3	38
MH-1.66*12*3*38	1.66	12.0	3	38
MH-1.67*12*3*38	1.67	12.0	3	38
MH-1.68*12*3*38	1.68	12.0	3	38
MH-1.69*12*3*38	1.69	12.0	3	38
MH-1.7*12*3*38	1.70	12.0	3	38
MH-1.71*12*3*38	1.71	12.0	3	38
MH-1.72*12*3*38	1.72	12.0	3	38
MH-1.73*12*3*38	1.73	12.0	3	38
MH-1.74*12*3*38	1.74	12.0	3	38
MH-1.75*12*3*38	1.75	12.0	3	38
MH-1.76*12*3*38	1.76	12.0	3	38
MH-1.77*12*3*38	1.77	12.0	3	38
MH-1.78*12*3*38	1.78	12.0	3	38
MH-1.79*12*3*38	1.79	12.0	3	38
MH-1.8*12*3*38	1.80	12.0	3	38
MH-1.81*12*3*38	1.81	12.0	3	38
MH-1.82*12*3*38	1.82	12.0	3	38
MH-1.83*12*3*38	1.83	12.0	3	38
MH-1.84*12*3*38	1.84	12.0	3	38
MH-1.85*12*3*38	1.85	12.0	3	38
MH-1.86*12*3*38	1.86	12.0	3	38
MH-1.87*12*3*38	1.87	12.0	3	38
MH-1.88*12*3*38	1.88	12.0	3	38
MH-1.89*12*3*38	1.89	12.0	3	38
MH-1.9*12*3*38	1.90	12.0	3	38
MH-1.91*12*3*38	1.91	12.0	3	38
MH-1.92*12*3*38	1.92	12.0	3	38
MH-1.93*12*3*38	1.93	12.0	3	38
MH-1.94*12*3*38	1.94	12.0	3	38
MH-1.95*12*3*38	1.95	12.0	3	38
MH-1.96*12*3*38	1.96	12.0	3	38
MH-1.97*12*3*38	1.97	12.0	3	38
MH-1.98*12*3*38	1.98	12.0	3	38
MH-1.99*12*3*38	1.99	12.0	3	38
MH-2*12*3*38	2.00	12.0	3	38
MH-2.01*12*3*38	2.01	12.0	3	38
MH-2.02*12*3*38	2.02	12.0	3	38
MH-2.03*12*3*38	2.03	12.0	3	38
MH-2.04*12*3*38	2.04	12.0	3	38
MH-2.05*12*3*38	2.05	12.0	3	38
MH-2.06*12*3*38	2.06	12.0	3	38

Solid cabide micro drills

Diameter range: $\Phi 0.03$ - $\Phi 3.0$ mm Diameter Tolerance: 0-0.003mm

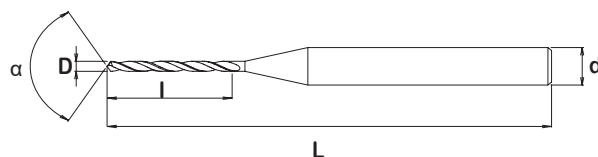
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
○	○	○	○	×	×	×	×	○	×	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.07*12*3*38	2.07	12.0	3	38
MH-2.08*12*3*38	2.08	12.0	3	38
MH-2.09*12*3*38	2.09	12.0	3	38
MH-2.10*12*3*38	2.10	12.0	3	38
MH-2.11*12*3*38	2.11	12.0	3	38
MH-2.12*12*3*38	2.12	12.0	3	38
MH-2.13*12*3*38	2.13	12.0	3	38
MH-2.14*12*3*38	2.14	12.0	3	38
MH-2.15*12*3*38	2.15	12.0	3	38
MH-2.16*12*3*38	2.16	12.0	3	38
MH-2.17*12*3*38	2.17	12.0	3	38
MH-2.18*12*3*38	2.18	12.0	3	38
MH-2.19*12*3*38	2.19	12.0	3	38
MH-2.20*12*3*38	2.20	12.0	3	38
MH-2.21*12*3*38	2.21	12.0	3	38
MH-2.22*12*3*38	2.22	12.0	3	38
MH-2.23*12*3*38	2.23	12.0	3	38
MH-2.24*12*3*38	2.24	12.0	3	38
MH-2.25*12*3*38	2.25	12.0	3	38
MH-2.26*12*3*38	2.26	12.0	3	38
MH-2.27*12*3*38	2.27	12.0	3	38
MH-2.28*12*3*38	2.28	12.0	3	38
MH-2.29*12*3*38	2.29	12.0	3	38
MH-2.30*12*3*38	2.30	12.0	3	38
MH-2.31*12*3*38	2.31	12.0	3	38
MH-2.32*12*3*38	2.32	12.0	3	38
MH-2.33*12*3*38	2.33	12.0	3	38
MH-2.34*12*3*38	2.34	12.0	3	38
MH-2.35*12*3*38	2.35	12.0	3	38
MH-2.36*12*3*38	2.36	12.0	3	38
MH-2.37*12*3*38	2.37	12.0	3	38
MH-2.38*12*3*38	2.38	12.0	3	38
MH-2.39*12*3*38	2.39	12.0	3	38
MH-2.40*12*3*38	2.40	12.0	3	38
MH-2.41*12*3*38	2.41	12.0	3	38
MH-2.42*12*3*38	2.42	12.0	3	38
MH-2.43*12*3*38	2.43	12.0	3	38
MH-2.44*12*3*38	2.44	12.0	3	38
MH-2.45*12*3*38	2.45	12.0	3	38
MH-2.46*12*3*38	2.46	12.0	3	38
MH-2.47*12*3*38	2.47	12.0	3	38
MH-2.48*12*3*38	2.48	12.0	3	38
MH-2.49*12*3*38	2.49	12.0	3	38
MH-2.50*12*3*38	2.50	12.0	3	38
MH-2.51*12*3*38	2.51	12.0	3	38
MH-2.52*12*3*38	2.52	12.0	3	38
MH-2.53*12*3*38	2.53	12.0	3	38
MH-2.54*12*3*38	2.54	12.0	3	38
MH-2.55*12*3*38	2.55	12.0	3	38
MH-2.56*12*3*38	2.56	12.0	3	38
MH-2.57*12*3*38	2.57	12.0	3	38
MH-2.58*12*3*38	2.58	12.0	3	38
MH-2.59*12*3*38	2.59	12.0	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.60*12*3*38	2.60	12.0	3	38
MH-2.61*12*3*38	2.61	12.0	3	38
MH-2.62*12*3*38	2.62	12.0	3	38
MH-2.63*12*3*38	2.63	12.0	3	38
MH-2.64*12*3*38	2.64	12.0	3	38
MH-2.65*12*3*38	2.65	12.0	3	38
MH-2.66*12*3*38	2.66	12.0	3	38
MH-2.67*12*3*38	2.67	12.0	3	38
MH-2.68*12*3*38	2.68	12.0	3	38
MH-2.69*12*3*38	2.69	12.0	3	38
MH-2.70*12*3*38	2.70	12.0	3	38
MH-2.71*12*3*38	2.71	12.0	3	38
MH-2.72*12*3*38	2.72	12.0	3	38
MH-2.73*12*3*38	2.73	12.0	3	38
MH-2.74*12*3*38	2.74	12.0	3	38
MH-2.75*12*3*38	2.75	12.0	3	38
MH-2.76*12*3*38	2.76	12.0	3	38
MH-2.77*12*3*38	2.77	12.0	3	38
MH-2.78*12*3*38	2.78	12.0	3	38
MH-2.79*12*3*38	2.79	12.0	3	38
MH-2.80*12*3*38	2.80	12.0	3	38
MH-2.81*12*3*38	2.81	12.0	3	38
MH-2.82*12*3*38	2.82	12.0	3	38
MH-2.83*12*3*38	2.83	12.0	3	38
MH-2.84*12*3*38	2.84	12.0	3	38
MH-2.85*12*3*38	2.85	12.0	3	38
MH-2.86*12*3*38	2.86	12.0	3	38
MH-2.87*12*3*38	2.87	12.0	3	38
MH-2.88*12*3*38	2.88	12.0	3	38
MH-2.89*12*3*38	2.89	12.0	3	38
MH-2.90*12*3*38	2.90	12.0	3	38
MH-2.91*12*3*38	2.91	12.0	3	38
MH-2.92*12*3*38	2.92	12.0	3	38
MH-2.93*12*3*38	2.93	12.0	3	38
MH-2.94*12*3*38	2.94	12.0	3	38
MH-2.95*12*3*38	2.95	12.0	3	38
MH-2.96*12*3*38	2.96	12.0	3	38
MH-2.97*12*3*38	2.97	12.0	3	38
MH-2.98*12*3*38	2.98	12.0	3	38
MH-2.99*12*3*38	2.99	12.0	3	38
MH-3.00*12*3*38	3.00	12.0	3	38

Solid carbide micro drills (long series)

Diameter range: $\Phi 0.03$ - $\Phi 3.0$ mm Diameter Tolerance: 0-0.003mm

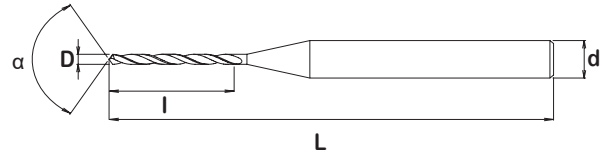
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
○	○	○	○	~55HRC	~60HRC	~70HRC	×	○	○	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.04*0.7*3*38L	0.040	0.7	3	38
MH-0.045*0.7*3*38L	0.045	0.7	3	38
MH-0.05*0.9*3*38L	0.050	0.9	3	38
MH-0.055*0.9*3*38L	0.055	0.9	3	38
MH-0.06*1*3*38L	0.060	1.0	3	38
MH-0.065*1*3*38L	0.065	1.0	3	38
MH-0.07*1.2*3*38L	0.070	1.2	3	38
MH-0.075*1.2*3*38L	0.075	1.2	3	38
MH-0.08*1.5*3*38L	0.080	1.5	3	38
MH-0.085*1.5*3*38L	0.085	1.5	3	38
MH-0.09*1.8*3*38L	0.090	1.8	3	38
MH-0.095*1.8*3*38L	0.095	1.8	3	38
MH-0.10*3*3*38L	0.100	3.0	3	38
MH-0.11*3*3*38L	0.11	3.0	3	38
MH-0.12*4*3*38L	0.12	4.0	3	38
MH-0.13*4*3*38L	0.13	4.0	3	38
MH-0.14*4*3*38L	0.14	4.0	3	38
MH-0.15*5*3*38L	0.15	5.0	3	38
MH-0.16*5*3*38L	0.16	5.0	3	38
MH-0.17*5*3*38L	0.17	5.0	3	38
MH-0.18*5*3*38L	0.18	5.0	3	38
MH-0.19*5*3*38L	0.19	5.0	3	38
MH-0.20*5*3*38L	0.20	5.0	3	38
MH-0.21*5*3*38L	0.21	5.0	3	38
MH-0.22*5*3*38L	0.22	5.0	3	38
MH-0.23*5*3*38L	0.23	5.0	3	38
MH-0.24*5*3*38L	0.24	5.0	3	38
MH-0.25*5*3*38L	0.25	5.0	3	38
MH-0.26*6*3*38L	0.26	6.0	3	38
MH-0.27*6*3*38L	0.27	6.0	3	38
MH-0.28*6*3*38L	0.28	6.0	3	38
MH-0.29*6*3*38L	0.29	6.0	3	38
MH-0.30*8*3*38L	0.3	8.0	3	38
MH-0.31*8*3*38L	0.31	8.0	3	38
MH-0.32*8*3*38L	0.32	8.0	3	38
MH-0.33*8*3*38L	0.33	8.0	3	38
MH-0.34*8*3*38L	0.34	8.0	3	38
MH-0.35*8*3*38L	0.35	8.0	3	38
MH-0.36*8*3*38L	0.36	8.0	3	38
MH-0.37*8*3*38L	0.37	8.0	3	38
MH-0.38*8*3*38L	0.38	8.0	3	38
MH-0.39*8*3*38L	0.39	8.0	3	38
MH-0.40*9*3*38L	0.40	9.0	3	38
MH-0.41*9*3*38L	0.41	9.0	3	38
MH-0.42*9*3*38L	0.42	9.0	3	38
MH-0.43*9*3*38L	0.43	9.0	3	38
MH-0.44*9*3*38L	0.44	9.0	3	38
MH-0.45*9*3*38L	0.45	9.0	3	38
MH-0.46*9*3*38L	0.46	9.0	3	38
MH-0.47*9*3*38L	0.47	9.0	3	38
MH-0.48*9*3*38L	0.48	9.0	3	38
MH-0.49*9*3*38L	0.49	9.0	3	38
MH-0.50*9*3*38L	0.5	9.0	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.51*9*3*38L	0.51	9.0	3	38
MH-0.52*9*3*38L	0.52	9.0	3	38
MH-0.53*9*3*38L	0.53	9.0	3	38
MH-0.54*9*3*38L	0.54	9.0	3	38
MH-0.55*9*3*38L	0.55	9.0	3	38
MH-0.56*9*3*38L	0.56	9.0	3	38
MH-0.57*9*3*38L	0.57	9.0	3	38
MH-0.58*9*3*38L	0.58	9.0	3	38
MH-0.59*9*3*38L	0.59	9.0	3	38
MH-0.60*10*3*38L	0.60	10.0	3	38
MH-0.61*10*3*38L	0.61	10.0	3	38
MH-0.62*10*3*38L	0.62	10.0	3	38
MH-0.63*10*3*38L	0.63	10.0	3	38
MH-0.64*10*3*38L	0.64	10.0	3	38
MH-0.65*10*3*38L	0.65	10.0	3	38
MH-0.66*10*3*38L	0.66	10.0	3	38
MH-0.67*10*3*38L	0.67	10.0	3	38
MH-0.68*10*3*38L	0.68	10.0	3	38
MH-0.69*10*3*38L	0.69	10.0	3	38
MH-0.7*10*3*38L	0.70	10.0	3	38
MH-0.71*10*3*38L	0.71	10.0	3	38
MH-0.72*10*3*38L	0.72	10.0	3	38
MH-0.73*10*3*38L	0.73	10.0	3	38
MH-0.74*10*3*38L	0.74	10.0	3	38
MH-0.75*10*3*38L	0.75	10.0	3	38
MH-0.76*10*3*38L	0.76	10.0	3	38
MH-0.77*10*3*38L	0.77	10.0	3	38
MH-0.78*10*3*38L	0.78	10.0	3	38
MH-0.79*10*3*38L	0.79	10.0	3	38
MH-0.80*10*3*38L	0.80	10.0	3	38
MH-0.81*10*3*38L	0.81	10.0	3	38
MH-0.82*10*3*38L	0.82	10.0	3	38
MH-0.83*10*3*38L	0.83	10.0	3	38
MH-0.84*10*3*38L	0.84	10.0	3	38
MH-0.85*10*3*38L	0.85	10.0	3	38
MH-0.86*10*3*38L	0.86	10.0	3	38
MH-0.87*10*3*38L	0.87	10.0	3	38
MH-0.88*10*3*38L	0.88	10.0	3	38
MH-0.89*10*3*38L	0.89	10.0	3	38
MH-0.90*12*3*38L	0.90	12.0	3	38
MH-0.91*12*3*38L	0.91	12.0	3	38
MH-0.92*12*3*38L	0.92	12.0	3	38
MH-0.93*12*3*38L	0.93	12.0	3	38
MH-0.94*12*3*38L	0.94	12.0	3	38
MH-0.95*12*3*38L	0.95	12.0	3	38
MH-0.96*12*3*38L	0.96	12.0	3	38
MH-0.97*12*3*38L	0.97	12.0	3	38
MH-0.98*12*3*38L	0.98	12.0	3	38
MH-0.99*12*3*38L	0.99	12.0	3	38
MH-0.99*12*3*38L	0.99	12.0	3	38

Solid carbide micro drills (long series)

Diameter range: $\Phi 0.03$ - $\Phi 3.0$ mm Diameter Tolerance: 0-0.003mm

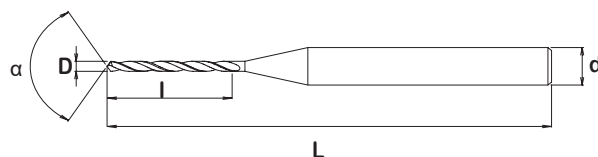
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastics)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
○	○	○	○	~55HRC	~60HRC	~70HRC	×	○	○	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.00*15*3*50L	1.00	15.0	3	50
MH-1.01*15*3*50L	1.01	15.0	3	50
MH-1.02*15*3*50L	1.02	15.0	3	50
MH-1.03*15*3*50L	1.03	15.0	3	50
MH-1.04*15*3*50L	1.04	15.0	3	50
MH-1.05*15*3*50L	1.05	15.0	3	50
MH-1.06*15*3*50L	1.06	15.0	3	50
MH-1.07*15*3*50L	1.07	15.0	3	50
MH-1.08*15*3*50L	1.08	15.0	3	50
MH-1.09*15*3*50L	1.09	15.0	3	50
MH-1.10*15*3*50L	1.10	15.0	3	50
MH-1.11*15*3*50L	1.11	15.0	3	50
MH-1.12*15*3*50L	1.12	15.0	3	50
MH-1.13*15*3*50L	1.13	15.0	3	50
MH-1.14*15*3*50L	1.14	15.0	3	50
MH-1.15*15*3*50L	1.15	15.0	3	50
MH-1.16*15*3*50L	1.16	15.0	3	50
MH-1.17*15*3*50L	1.17	15.0	3	50
MH-1.18*15*3*50L	1.18	15.0	3	50
MH-1.19*15*3*50L	1.19	15.0	3	50
MH-1.20*18*3*50L	1.20	18.0	3	50
MH-1.21*18*3*50L	1.21	18.0	3	50
MH-1.22*18*3*50L	1.22	18.0	3	50
MH-1.23*18*3*50L	1.23	18.0	3	50
MH-1.24*18*3*50L	1.24	18.0	3	50
MH-1.25*18*3*50L	1.25	18.0	3	50
MH-1.26*18*3*50L	1.26	18.0	3	50
MH-1.27*18*3*50L	1.27	18.0	3	50
MH-1.28*18*3*50L	1.28	18.0	3	50
MH-1.29*18*3*50L	1.29	18.0	3	50
MH-1.30*18*3*50L	1.30	18.0	3	50
MH-1.31*18*3*50L	1.31	18.0	3	50
MH-1.32*18*3*50L	1.32	18.0	3	50
MH-1.33*18*3*50L	1.33	18.0	3	50
MH-1.34*18*3*50L	1.34	18.0	3	50
MH-1.35*18*3*50L	1.35	18.0	3	50
MH-1.36*18*3*50L	1.36	18.0	3	50
MH-1.37*18*3*50L	1.37	18.0	3	50
MH-1.38*18*3*50L	1.38	18.0	3	50
MH-1.39*18*3*50L	1.39	18.0	3	50
MH-1.40*18*3*50L	1.40	18.0	3	50
MH-1.41*18*3*50L	1.41	18.0	3	50
MH-1.42*18*3*50L	1.42	18.0	3	50
MH-1.43*18*3*50L	1.43	18.0	3	50
MH-1.44*18*3*50L	1.44	18.0	3	50
MH-1.45*18*3*50L	1.45	18.0	3	50
MH-1.46*18*3*50L	1.46	18.0	3	50
MH-1.47*18*3*50L	1.47	18.0	3	50
MH-1.48*18*3*50L	1.48	18.0	3	50
MH-1.49*18*3*50L	1.49	18.0	3	50
MH-1.50*18*3*50L	1.50	18.0	3	50
MH-1.51*18*3*50L	1.51	18.0	3	50
MH-1.52*18*3*50L	1.52	18.0	3	50

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.53*18*3*50L	1.53	18.0	3	50
MH-1.54*18*3*50L	1.54	18.0	3	50
MH-1.55*18*3*50L	1.55	18.0	3	50
MH-1.56*18*3*50L	1.56	18.0	3	50
MH-1.57*18*3*50L	1.57	18.0	3	50
MH-1.58*18*3*50L	1.58	18.0	3	50
MH-1.59*18*3*50L	1.59	18.0	3	50
MH-1.60*18*3*50L	1.60	18.0	3	50
MH-1.61*18*3*50L	1.61	18.0	3	50
MH-1.62*18*3*50L	1.62	18.0	3	50
MH-1.63*18*3*50L	1.63	18.0	3	50
MH-1.64*18*3*50L	1.64	18.0	3	50
MH-1.65*18*3*50L	1.65	18.0	3	50
MH-1.66*18*3*50L	1.66	18.0	3	50
MH-1.67*18*3*50L	1.67	18.0	3	50
MH-1.68*18*3*50L	1.68	18.0	3	50
MH-1.69*18*3*50L	1.69	18.0	3	50
MH-1.70*18*3*50L	1.70	18.0	3	50
MH-1.71*18*3*50L	1.71	18.0	3	50
MH-1.72*18*3*50L	1.72	18.0	3	50
MH-1.73*18*3*50L	1.73	18.0	3	50
MH-1.74*18*3*50L	1.74	18.0	3	50
MH-1.75*18*3*50L	1.75	18.0	3	50
MH-1.76*18*3*50L	1.76	18.0	3	50
MH-1.77*18*3*50L	1.77	18.0	3	50
MH-1.78*18*3*50L	1.78	18.0	3	50
MH-1.79*18*3*50L	1.79	18.0	3	50
MH-1.80*18*3*50L	1.80	18.0	3	50
MH-1.81*18*3*50L	1.81	18.0	3	50
MH-1.82*18*3*50L	1.82	18.0	3	50
MH-1.83*18*3*50L	1.83	18.0	3	50
MH-1.84*18*3*50L	1.84	18.0	3	50
MH-1.85*18*3*50L	1.85	18.0	3	50
MH-1.86*18*3*50L	1.86	18.0	3	50
MH-1.87*18*3*50L	1.87	18.0	3	50
MH-1.88*18*3*50L	1.88	18.0	3	50
MH-1.89*18*3*50L	1.89	18.0	3	50
MH-1.90*18*3*50L	1.90	18.0	3	50
MH-1.91*18*3*50L	1.91	18.0	3	50
MH-1.92*18*3*50L	1.92	18.0	3	50
MH-1.93*18*3*50L	1.93	18.0	3	50
MH-1.94*18*3*50L	1.94	18.0	3	50
MH-1.95*18*3*50L	1.95	18.0	3	50
MH-1.96*18*3*50L	1.96	18.0	3	50
MH-1.97*18*3*50L	1.97	18.0	3	50
MH-1.98*18*3*50L	1.98	18.0	3	50
MH-1.99*18*3*50L	1.99	18.0	3	50
MH-2.00*18*3*50L	2.00	18.0	3	50
MH-2.01*25*3*60L	2.01	25.0	3	60
MH-2.02*25*3*60L	2.02	25.0	3	60
MH-2.03*25*3*60L	2.03	25.0	3	60
MH-2.04*25*3*60L	2.04	25.0	3	60
MH-2.05*25*3*60L	2.05	25.0	3	60

Solid carbide micro drills (long series)

Diameter range: $\Phi 0.03$ - $\Phi 3.0$ mm Diameter Tolerance: 0-0.003mm

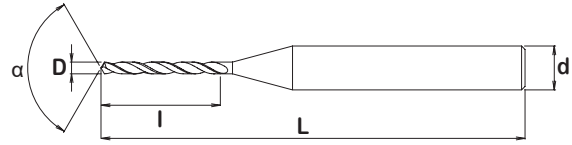
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
○	○	○	○	x	x	x	x	○	○	●	●	●	●	●	x	x	x	x	○

● Suitable
○ Acceptable
x Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* $\frac{1}{2}$ *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.06*25*3*60L	2.06	25.0	3	60
MH-2.07*25*3*60L	2.07	25.0	3	60
MH-2.08*25*3*60L	2.08	25.0	3	60
MH-2.09*25*3*60L	2.09	25.0	3	60
MH-2.10*25*3*60L	2.10	25.0	3	60
MH-2.11*25*3*60L	2.11	25.0	3	60
MH-2.12*25*3*60L	2.12	25.0	3	60
MH-2.13*25*3*60L	2.13	25.0	3	60
MH-2.14*25*3*60L	2.14	25.0	3	60
MH-2.15*25*3*60L	2.15	25.0	3	60
MH-2.16*25*3*60L	2.16	25.0	3	60
MH-2.17*25*3*60L	2.17	25.0	3	60
MH-2.18*25*3*60L	2.18	25.0	3	60
MH-2.19*25*3*60L	2.19	25.0	3	60
MH-2.20*25*3*60L	2.20	25.0	3	60
MH-2.21*25*3*60L	2.21	25.0	3	60
MH-2.22*25*3*60L	2.22	25.0	3	60
MH-2.23*25*3*60L	2.23	25.0	3	60
MH-2.24*25*3*60L	2.24	25.0	3	60
MH-2.25*25*3*60L	2.25	25.0	3	60
MH-2.26*25*3*60L	2.26	25.0	3	60
MH-2.27*25*3*60L	2.27	25.0	3	60
MH-2.28*25*3*60L	2.28	25.0	3	60
MH-2.29*25*3*60L	2.29	25.0	3	60
MH-2.30*25*3*60L	2.30	25.0	3	60
MH-2.31*25*3*60L	2.31	25.0	3	60
MH-2.32*25*3*60L	2.32	25.0	3	60
MH-2.33*25*3*60L	2.33	25.0	3	60
MH-2.34*25*3*60L	2.34	25.0	3	60
MH-2.35*25*3*60L	2.35	25.0	3	60
MH-2.36*25*3*60L	2.36	25.0	3	60
MH-2.37*25*3*60L	2.37	25.0	3	60
MH-2.38*25*3*60L	2.38	25.0	3	60
MH-2.39*25*3*60L	2.39	25.0	3	60
MH-2.40*25*3*60L	2.40	25.0	3	60
MH-2.41*25*3*60L	2.41	25.0	3	60
MH-2.42*25*3*60L	2.42	25.0	3	60
MH-2.43*25*3*60L	2.43	25.0	3	60
MH-2.44*25*3*60L	2.44	25.0	3	60
MH-2.45*25*3*60L	2.45	25.0	3	60
MH-2.46*25*3*60L	2.46	25.0	3	60
MH-2.47*25*3*60L	2.47	25.0	3	60
MH-2.48*25*3*60L	2.48	25.0	3	60
MH-2.49*25*3*60L	2.49	25.0	3	60
MH-2.50*25*3*60L	2.50	25.0	3	60
MH-2.51*25*3*60L	2.51	25.0	3	60
MH-2.52*25*3*60L	2.52	25.0	3	60
MH-2.53*25*3*60L	2.53	25.0	3	60
MH-2.54*25*3*60L	2.54	25.0	3	60
MH-2.55*25*3*60L	2.55	25.0	3	60
MH-2.56*25*3*60L	2.56	25.0	3	60
MH-2.57*25*3*60L	2.57	25.0	3	60
MH-2.58*25*3*60L	2.58	25.0	3	60

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* $\frac{1}{2}$ *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.59*25*3*60L	2.59	25.0	3	60
MH-2.60*25*3*60L	2.60	25.0	3	60
MH-2.61*25*3*60L	2.61	25.0	3	60
MH-2.62*25*3*60L	2.62	25.0	3	60
MH-2.63*25*3*60L	2.63	25.0	3	60
MH-2.64*25*3*60L	2.64	25.0	3	60
MH-2.65*25*3*60L	2.65	25.0	3	60
MH-2.66*25*3*60L	2.66	25.0	3	60
MH-2.67*25*3*60L	2.67	25.0	3	60
MH-2.68*25*3*60L	2.68	25.0	3	60
MH-2.69*25*3*60L	2.69	25.0	3	60
MH-2.70*25*3*60L	2.70	25.0	3	60
MH-2.71*25*3*60L	2.71	25.0	3	60
MH-2.72*25*3*60L	2.72	25.0	3	60
MH-2.73*25*3*60L	2.73	25.0	3	60
MH-2.74*25*3*60L	2.74	25.0	3	60
MH-2.75*25*3*60L	2.75	25.0	3	60
MH-2.76*25*3*60L	2.76	25.0	3	60
MH-2.77*25*3*60L	2.77	25.0	3	60
MH-2.78*25*3*60L	2.78	25.0	3	60
MH-2.79*25*3*60L	2.79	25.0	3	60
MH-2.80*25*3*60L	2.80	25.0	3	60
MH-2.81*25*3*60L	2.81	25.0	3	60
MH-2.82*25*3*60L	2.82	25.0	3	60
MH-2.83*25*3*60L	2.83	25.0	3	60
MH-2.84*25*3*60L	2.84	25.0	3	60
MH-2.85*25*3*60L	2.85	25.0	3	60
MH-2.86*25*3*60L	2.86	25.0	3	60
MH-2.87*25*3*60L	2.87	25.0	3	60
MH-2.88*25*3*60L	2.88	25.0	3	60
MH-2.89*25*3*60L	2.89	25.0	3	60
MH-2.90*25*3*60L	2.90	25.0	3	60
MH-2.91*25*3*60L	2.91	25.0	3	60
MH-2.92*25*3*60L	2.92	25.0	3	60
MH-2.93*25*3*60L	2.93	25.0	3	60
MH-2.94*25*3*60L	2.94	25.0	3	60
MH-2.95*25*3*60L	2.95	25.0	3	60
MH-2.96*25*3*60L	2.96	25.0	3	60
MH-2.97*25*3*60L	2.97	25.0	3	60
MH-2.98*25*3*60L	2.98	25.0	3	60
MH-2.99*25*3*60L	2.99	25.0	3	60
MH-3.00*25*3*60L	3.00	25.0	3	60

Solid carbide micro drills with coating



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm
Diameter Tolerance: 0-0.005mm

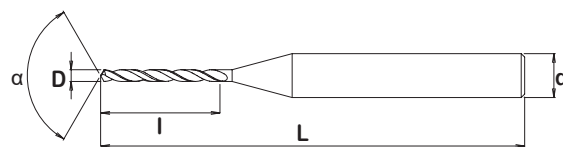
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* Φ *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.04*0.4*3*38-T	0.04	0.4	3	38
MH-0.045*0.45*3*38-T	0.045	0.45	3	38
MH-0.05*0.5*3*38-T	0.05	0.5	3	38
MH-0.055*0.55*3*38-T	0.055	0.55	3	38
MH-0.06*0.6*3*38-T	0.06	0.6	3	38
MH-0.065*0.65*3*38-T	0.065	0.65	3	38
MH-0.07*0.7*3*38-T	0.07	0.7	3	38
MH-0.075*0.75*3*38-T	0.075	0.75	3	38
MH-0.08*0.8*3*38-T	0.08	0.8	3	38
MH-0.085*0.85*3*38-T	0.085	0.85	3	38
MH-0.09*0.9*3*38-T	0.09	0.9	3	38
MH-0.095*0.95*3*38-T	0.095	0.95	3	38
MH-0.1*1.5*3*38-T	0.1	1.5	3	38
MH-0.11*1.5*3*38-T	0.11	1.5	3	38
MH-0.12*2.5*3*38-T	0.12	2.5	3	38
MH-0.13*2.5*3*38-T	0.13	2.5	3	38
MH-0.14*2.5*3*38-T	0.14	2.5	3	38
MH-0.15*2.5*3*38-T	0.15	2.5	3	38
MH-0.16*2.5*3*38-T	0.16	2.5	3	38
MH-0.17*2.5*3*38-T	0.17	2.5	3	38
MH-0.18*2.5*3*38-T	0.18	2.5	3	38
MH-0.19*2.5*3*38-T	0.19	2.5	3	38
MH-0.2*3.5*3*38-T	0.2	3.5	3	38
MH-0.21*3.5*3*38-T	0.21	3.5	3	38
MH-0.22*3.5*3*38-T	0.22	3.5	3	38
MH-0.23*3.5*3*38-T	0.23	3.5	3	38
MH-0.24*3.5*3*38-T	0.24	3.5	3	38
MH-0.25*3.5*3*38-T	0.25	3.5	3	38
MH-0.26*3.5*3*38-T	0.26	3.5	3	38
MH-0.27*3.5*3*38-T	0.27	3.5	3	38
MH-0.28*3.5*3*38-T	0.28	3.5	3	38
MH-0.29*3.5*3*38-T	0.29	3.5	3	38
MH-0.3*5*3*38-T	0.3	5	3	38
MH-0.31*5*3*38-T	0.31	5	3	38
MH-0.32*5*3*38-T	0.32	5	3	38
MH-0.33*5*3*38-T	0.33	5	3	38
MH-0.34*5*3*38-T	0.34	5	3	38
MH-0.35*5*3*38-T	0.35	5	3	38
MH-0.36*5*3*38-T	0.36	5	3	38
MH-0.37*5*3*38-T	0.37	5	3	38
MH-0.38*5*3*38-T	0.38	5	3	38
MH-0.39*5*3*38-T	0.39	5	3	38
MH-0.4*6*3*38-T	0.4	6	3	38
MH-0.41*6*3*38-T	0.41	6	3	38
MH-0.42*6*3*38-T	0.42	6	3	38
MH-0.43*6*3*38-T	0.43	6	3	38
MH-0.44*6*3*38-T	0.44	6	3	38
MH-0.45*6*3*38-T	0.45	6	3	38
MH-0.46*6*3*38-T	0.46	6	3	38
MH-0.47*6*3*38-T	0.47	6	3	38
MH-0.48*6*3*38-T	0.48	6	3	38
MH-0.49*6*3*38-T	0.49	6	3	38
MH-0.5*6*3*38-T	0.5	6	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* Φ *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.51*6*3*38-T	0.51	6	3	38
MH-0.52*6*3*38-T	0.52	6	3	38
MH-0.51*6*3*38-T	0.51	6	3	38
MH-0.52*6*3*38-T	0.52	6	3	38
MH-0.53*6*3*38-T	0.53	6	3	38
MH-0.54*6*3*38-T	0.54	6	3	38
MH-0.55*6*3*38-T	0.55	6	3	38
MH-0.56*6*3*38-T	0.56	6	3	38
MH-0.57*6*3*38-T	0.57	6	3	38
MH-0.58*6*3*38-T	0.58	6	3	38
MH-0.59*6*3*38-T	0.59	6	3	38
MH-0.6*7*3*38-T	0.6	7	3	38
MH-0.61*7*3*38-T	0.61	7	3	38
MH-0.62*7*3*38-T	0.62	7	3	38
MH-0.63*7*3*38-T	0.63	7	3	38
MH-0.64*7*3*38-T	0.64	7	3	38
MH-0.65*7*3*38-T	0.65	7	3	38
MH-0.66*7*3*38-T	0.66	7	3	38
MH-0.67*7*3*38-T	0.67	7	3	38
MH-0.68*7*3*38-T	0.68	7	3	38
MH-0.69*7*3*38-T	0.69	7	3	38
MH-0.7*8*3*38-T	0.7	8	3	38
MH-0.71*8*3*38-T	0.71	8	3	38
MH-0.72*8*3*38-T	0.72	8	3	38
MH-0.73*8*3*38-T	0.73	8	3	38
MH-0.74*8*3*38-T	0.74	8	3	38
MH-0.75*8*3*38-T	0.75	8	3	38
MH-0.76*8*3*38-T	0.76	8	3	38
MH-0.77*8*3*38-T	0.77	8	3	38
MH-0.78*8*3*38-T	0.78	8	3	38
MH-0.79*8*3*38-T	0.79	8	3	38
MH-0.8*8*3*38-T	0.8	8	3	38
MH-0.81*8*3*38-T	0.81	8	3	38
MH-0.82*8*3*38-T	0.82	8	3	38
MH-0.83*8*3*38-T	0.83	8	3	38
MH-0.84*8*3*38-T	0.84	8	3	38
MH-0.85*8*3*38-T	0.85	8	3	38
MH-0.86*8*3*38-T	0.86	8	3	38
MH-0.87*8*3*38-T	0.87	8	3	38
MH-0.88*8*3*38-T	0.88	8	3	38
MH-0.89*8*3*38-T	0.89	8	3	38
MH-0.9*8*3*38-T	0.9	8	3	38
MH-0.91*8*3*38-T	0.91	8	3	38
MH-0.92*8*3*38-T	0.92	8	3	38
MH-0.93*8*3*38-T	0.93	8	3	38
MH-0.94*8*3*38-T	0.94	8	3	38
MH-0.95*8*3*38-T	0.95	8	3	38
MH-0.96*8*3*38-T	0.96	8	3	38
MH-0.97*8*3*38-T	0.97	8	3	38
MH-0.98*8*3*38-T	0.98	8	3	38
MH-0.99*8*3*38-T	0.99	8	3	38
MH-1*10*3*38-T	1	10	3	38
MH-1.01*10*3*38-T	1.01	10	3	38

Solid carbide micro drills with coating



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm
Diameter Tolerance: 0-0.005mm

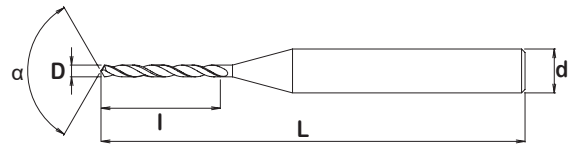
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○	●

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.02*10*3*38-T	1.02	10	3	38
MH-1.03*10*3*38-T	1.03	10	3	38
MH-1.04*10*3*38-T	1.04	10	3	38
MH-1.05*10*3*38-T	1.05	10	3	38
MH-1.06*10*3*38-T	1.06	10	3	38
MH-1.07*10*3*38-T	1.07	10	3	38
MH-1.08*10*3*38-T	1.08	10	3	38
MH-1.09*10*3*38-T	1.09	10	3	38
MH-1.1*10*3*38-T	1.1	10	3	38
MH-1.11*10*3*38-T	1.11	10	3	38
MH-1.12*10*3*38-T	1.12	10	3	38
MH-1.13*10*3*38-T	1.13	10	3	38
MH-1.14*10*3*38-T	1.14	10	3	38
MH-1.15*10*3*38-T	1.15	10	3	38
MH-1.16*10*3*38-T	1.16	10	3	38
MH-1.17*10*3*38-T	1.17	10	3	38
MH-1.18*10*3*38-T	1.18	10	3	38
MH-1.19*10*3*38-T	1.19	10	3	38
MH-1.2*10*3*38-T	1.2	10	3	38
MH-1.21*10*3*38-T	1.21	10	3	38
MH-1.22*10*3*38-T	1.22	10	3	38
MH-1.23*10*3*38-T	1.23	10	3	38
MH-1.24*10*3*38-T	1.24	10	3	38
MH-1.25*10*3*38-T	1.25	10	3	38
MH-1.26*10*3*38-T	1.26	10	3	38
MH-1.27*10*3*38-T	1.27	10	3	38
MH-1.28*10*3*38-T	1.28	10	3	38
MH-1.29*10*3*38-T	1.29	10	3	38
MH-1.3*10*3*38-T	1.3	10	3	38
MH-1.31*10*3*38-T	1.31	10	3	38
MH-1.32*10*3*38-T	1.32	10	3	38
MH-1.33*10*3*38-T	1.33	10	3	38
MH-1.34*10*3*38-T	1.34	10	3	38
MH-1.35*10*3*38-T	1.35	10	3	38
MH-1.36*10*3*38-T	1.36	10	3	38
MH-1.37*10*3*38-T	1.37	10	3	38
MH-1.38*10*3*38-T	1.38	10	3	38
MH-1.39*10*3*38-T	1.39	10	3	38
MH-1.4*10*3*38-T	1.4	10	3	38
MH-1.41*10*3*38-T	1.41	10	3	38
MH-1.42*10*3*38-T	1.42	10	3	38
MH-1.43*10*3*38-T	1.43	10	3	38
MH-1.44*10*3*38-T	1.44	10	3	38
MH-1.45*10*3*38-T	1.45	10	3	38
MH-1.46*10*3*38-T	1.46	10	3	38
MH-1.47*10*3*38-T	1.47	10	3	38
MH-1.48*10*3*38-T	1.48	10	3	38
MH-1.49*10*3*38-T	1.49	10	3	38
MH-1.5*10*3*38-T	1.5	10	3	38
MH-1.51*10*3*38-T	1.51	10	3	38
MH-1.52*10*3*38-T	1.52	10	3	38
MH-1.53*10*3*38-T	1.53	10	3	38
MH-1.54*10*3*38-T	1.54	10	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.55*10*3*38-T	1.55	10	3	38
MH-1.56*10*3*38-T	1.56	10	3	38
MH-1.57*10*3*38-T	1.57	10	3	38
MH-1.58*10*3*38-T	1.58	10	3	38
MH-1.59*10*3*38-T	1.59	10	3	38
MH-1.6*12*3*38-T	1.6	12	3	38
MH-1.61*12*3*38-T	1.61	12	3	38
MH-1.62*12*3*38-T	1.62	12	3	38
MH-1.63*12*3*38-T	1.63	12	3	38
MH-1.64*12*3*38-T	1.64	12	3	38
MH-1.65*12*3*38-T	1.65	12	3	38
MH-1.66*12*3*38-T	1.66	12	3	38
MH-1.67*12*3*38-T	1.67	12	3	38
MH-1.68*12*3*38-T	1.68	12	3	38
MH-1.69*12*3*38-T	1.69	12	3	38
MH-1.7*12*3*38-T	1.7	12	3	38
MH-1.71*12*3*38-T	1.71	12	3	38
MH-1.72*12*3*38-T	1.72	12	3	38
MH-1.73*12*3*38-T	1.73	12	3	38
MH-1.74*12*3*38-T	1.74	12	3	38
MH-1.75*12*3*38-T	1.75	12	3	38
MH-1.76*12*3*38-T	1.76	12	3	38
MH-1.77*12*3*38-T	1.77	12	3	38
MH-1.78*12*3*38-T	1.78	12	3	38
MH-1.79*12*3*38-T	1.79	12	3	38
MH-1.8*12*3*38-T	1.8	12	3	38
MH-1.81*12*3*38-T	1.81	12	3	38
MH-1.82*12*3*38-T	1.82	12	3	38
MH-1.83*12*3*38-T	1.83	12	3	38
MH-1.84*12*3*38-T	1.84	12	3	38
MH-1.85*12*3*38-T	1.85	12	3	38
MH-1.86*12*3*38-T	1.86	12	3	38
MH-1.87*12*3*38-T	1.87	12	3	38
MH-1.88*12*3*38-T	1.88	12	3	38
MH-1.89*12*3*38-T	1.89	12	3	38
MH-1.9*12*3*38-T	1.9	12	3	38
MH-1.91*12*3*38-T	1.91	12	3	38
MH-1.92*12*3*38-T	1.92	12	3	38
MH-1.93*12*3*38-T	1.93	12	3	38
MH-1.94*12*3*38-T	1.94	12	3	38
MH-1.95*12*3*38-T	1.95	12	3	38
MH-1.96*12*3*38-T	1.96	12	3	38
MH-1.97*12*3*38-T	1.97	12	3	38
MH-1.98*12*3*38-T	1.98	12	3	38
MH-1.99*12*3*38-T	1.99	12	3	38
MH-2*12*3*38-T	2	12	3	38
MH-2.01*12*3*38-T	2.01	12	3	38
MH-2.02*12*3*38-T	2.02	12	3	38
MH-2.03*12*3*38-T	2.03	12	3	38
MH-2.04*12*3*38-T	2.04	12	3	38
MH-2.05*12*3*38-T	2.05	12	3	38
MH-2.06*12*3*38-T	2.06	12	3	38
MH-2.07*12*3*38-T	2.07	12	3	38

Solid carbide micro drills with coating



Diameter range: $\Phi 0.04\text{--}\Phi 3.0\text{mm}$
Diameter Tolerance: $0\text{--}0.005\text{mm}$

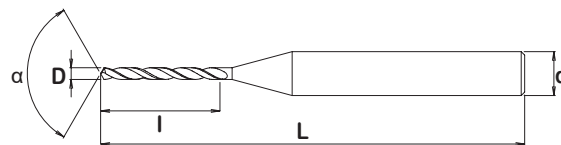
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
○	○	○	○	x	x	x	x	○	○	●	●	●	●	●	x	x	x	x	○	○

● Suitable
○ Acceptable
x Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* <i>l</i> *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.08*12*3*38-T	2.08	12	3	38
MH-2.09*12*3*38-T	2.09	12	3	38
MH-2.1*12*3*38-T	2.1	12	3	38
MH-2.11*12*3*38-T	2.11	12	3	38
MH-2.12*12*3*38-T	2.12	12	3	38
MH-2.13*12*3*38-T	2.13	12	3	38
MH-2.14*12*3*38-T	2.14	12	3	38
MH-2.15*12*3*38-T	2.15	12	3	38
MH-2.16*12*3*38-T	2.16	12	3	38
MH-2.17*12*3*38-T	2.17	12	3	38
MH-2.18*12*3*38-T	2.18	12	3	38
MH-2.19*12*3*38-T	2.19	12	3	38
MH-2.2*12*3*38-T	2.2	12	3	38
MH-2.21*12*3*38-T	2.21	12	3	38
MH-2.22*12*3*38-T	2.22	12	3	38
MH-2.23*12*3*38-T	2.23	12	3	38
MH-2.24*12*3*38-T	2.24	12	3	38
MH-2.25*12*3*38-T	2.25	12	3	38
MH-2.26*12*3*38-T	2.26	12	3	38
MH-2.27*12*3*38-T	2.27	12	3	38
MH-2.28*12*3*38-T	2.28	12	3	38
MH-2.29*12*3*38-T	2.29	12	3	38
MH-2.3*12*3*38-T	2.3	12	3	38
MH-2.31*12*3*38-T	2.31	12	3	38
MH-2.32*12*3*38-T	2.32	12	3	38
MH-2.33*12*3*38-T	2.33	12	3	38
MH-2.34*12*3*38-T	2.34	12	3	38
MH-2.35*12*3*38-T	2.35	12	3	38
MH-2.36*12*3*38-T	2.36	12	3	38
MH-2.37*12*3*38-T	2.37	12	3	38
MH-2.38*12*3*38-T	2.38	12	3	38
MH-2.39*12*3*38-T	2.39	12	3	38
MH-2.4*12*3*38-T	2.4	12	3	38
MH-2.41*12*3*38-T	2.41	12	3	38
MH-2.42*12*3*38-T	2.42	12	3	38
MH-2.43*12*3*38-T	2.43	12	3	38
MH-2.44*12*3*38-T	2.44	12	3	38
MH-2.45*12*3*38-T	2.45	12	3	38
MH-2.46*12*3*38-T	2.46	12	3	38
MH-2.47*12*3*38-T	2.47	12	3	38
MH-2.48*12*3*38-T	2.48	12	3	38
MH-2.49*12*3*38-T	2.49	12	3	38
MH-2.5*12*3*38-T	2.5	12	3	38
MH-2.51*12*3*38-T	2.51	12	3	38
MH-2.52*12*3*38-T	2.52	12	3	38
MH-2.53*12*3*38-T	2.53	12	3	38
MH-2.54*12*3*38-T	2.54	12	3	38
MH-2.55*12*3*38-T	2.55	12	3	38
MH-2.56*12*3*38-T	2.56	12	3	38
MH-2.57*12*3*38-T	2.57	12	3	38
MH-2.58*12*3*38-T	2.58	12	3	38
MH-2.59*12*3*38-T	2.59	12	3	38
MH-2.6*12*3*38-T	2.6	12	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* <i>l</i> *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.61*12*3*38-T	2.61	12	3	38
MH-2.62*12*3*38-T	2.62	12	3	38
MH-2.63*12*3*38-T	2.63	12	3	38
MH-2.64*12*3*38-T	2.64	12	3	38
MH-2.65*12*3*38-T	2.65	12	3	38
MH-2.66*12*3*38-T	2.66	12	3	38
MH-2.67*12*3*38-T	2.67	12	3	38
MH-2.68*12*3*38-T	2.68	12	3	38
MH-2.69*12*3*38-T	2.69	12	3	38
MH-2.7*12*3*38-T	2.7	12	3	38
MH-2.71*12*3*38-T	2.71	12	3	38
MH-2.72*12*3*38-T	2.72	12	3	38
MH-2.73*12*3*38-T	2.73	12	3	38
MH-2.74*12*3*38-T	2.74	12	3	38
MH-2.75*12*3*38-T	2.75	12	3	38
MH-2.76*12*3*38-T	2.76	12	3	38
MH-2.77*12*3*38-T	2.77	12	3	38
MH-2.78*12*3*38-T	2.78	12	3	38
MH-2.79*12*3*38-T	2.79	12	3	38
MH-2.8*12*3*38-T	2.8	12	3	38
MH-2.81*12*3*38-T	2.81	12	3	38
MH-2.82*12*3*38-T	2.82	12	3	38
MH-2.83*12*3*38-T	2.83	12	3	38
MH-2.84*12*3*38-T	2.84	12	3	38
MH-2.85*12*3*38-T	2.85	12	3	38
MH-2.86*12*3*38-T	2.86	12	3	38
MH-2.87*12*3*38-T	2.87	12	3	38
MH-2.88*12*3*38-T	2.88	12	3	38
MH-2.89*12*3*38-T	2.89	12	3	38
MH-2.9*12*3*38-T	2.9	12	3	38
MH-2.91*12*3*38-T	2.91	12	3	38
MH-2.92*12*3*38-T	2.92	12	3	38
MH-2.93*12*3*38-T	2.93	12	3	38
MH-2.94*12*3*38-T	2.94	12	3	38
MH-2.95*12*3*38-T	2.95	12	3	38
MH-2.96*12*3*38-T	2.96	12	3	38
MH-2.97*12*3*38-T	2.97	12	3	38
MH-2.98*12*3*38-T	2.98	12	3	38
MH-2.99*12*3*38-T	2.99	12	3	38
MH-3*12*3*38-T	3	12	3	38

Solid carbide micro drills with coating (long series)



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm
Diameter Tolerance: 0-0.005mm

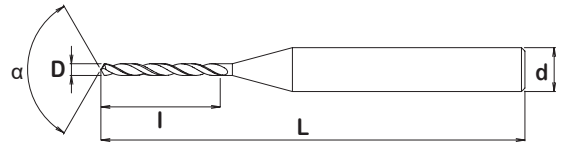
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel		Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC													
○	○	○	○	×	×	×	×	○	○	●	●	●	●	×	×	×	×	○	●

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.04*0.7*3*38L-T	0.04	0.7	3	38
MH-0.045*0.7*3*38L-T	0.045	0.7	3	38
MH-0.05*0.9*3*38L-T	0.05	0.9	3	38
MH-0.055*0.9*3*38L-T	0.055	0.9	3	38
MH-0.06*1*3*38L-T	0.06	1	3	38
MH-0.065*1*3*38L-T	0.065	1	3	38
MH-0.07*1.2*3*38L-T	0.07	1.2	3	38
MH-0.075*1.2*3*38L-T	0.075	1.2	3	38
MH-0.08*1.5*3*38L-T	0.08	1.5	3	38
MH-0.085*1.5*3*38L-T	0.085	1.5	3	38
MH-0.09*1.8*3*38L-T	0.09	1.8	3	38
MH-0.095*1.8*3*38L-T	0.095	1.8	3	38
MH-0.1*3*3*38L-T	0.1	3	3	38
MH-0.11*3*3*38L-T	0.11	3	3	38
MH-0.12*4*3*38L-T	0.12	4	3	38
MH-0.13*4*3*38L-T	0.13	4	3	38
MH-0.14*4*3*38L-T	0.14	4	3	38
MH-0.15*5*3*38L-T	0.15	5	3	38
MH-0.16*5*3*38L-T	0.16	5	3	38
MH-0.17*5*3*38L-T	0.17	5	3	38
MH-0.18*5*3*38L-T	0.18	5	3	38
MH-0.19*5*3*38L-T	0.19	5	3	38
MH-0.2*5*3*38L-T	0.2	5	3	38
MH-0.21*5*3*38L-T	0.21	5	3	38
MH-0.22*5*3*38L-T	0.22	5	3	38
MH-0.23*5*3*38L-T	0.23	5	3	38
MH-0.24*5*3*38L-T	0.24	5	3	38
MH-0.25*5*3*38L-T	0.25	5	3	38
MH-0.26*6*3*38L-T	0.26	6	3	38
MH-0.27*6*3*38L-T	0.27	6	3	38
MH-0.28*6*3*38L-T	0.28	6	3	38
MH-0.29*6*3*38L-T	0.29	6	3	38
MH-0.3*8*3*38L-T	0.3	8	3	38
MH-0.31*8*3*38L-T	0.31	8	3	38
MH-0.32*8*3*38L-T	0.32	8	3	38
MH-0.33*8*3*38L-T	0.33	8	3	38
MH-0.34*8*3*38L-T	0.34	8	3	38
MH-0.35*8*3*38L-T	0.35	8	3	38
MH-0.36*8*3*38L-T	0.36	8	3	38
MH-0.37*8*3*38L-T	0.37	8	3	38
MH-0.38*8*3*38L-T	0.38	8	3	38
MH-0.39*8*3*38L-T	0.39	8	3	38
MH-0.4*9*3*38L-T	0.4	9	3	38
MH-0.41*9*3*38L-T	0.41	9	3	38
MH-0.42*9*3*38L-T	0.42	9	3	38
MH-0.43*9*3*38L-T	0.43	9	3	38
MH-0.44*9*3*38L-T	0.44	9	3	38
MH-0.45*9*3*38L-T	0.45	9	3	38
MH-0.46*9*3*38L-T	0.46	9	3	38
MH-0.47*9*3*38L-T	0.47	9	3	38
MH-0.48*9*3*38L-T	0.48	9	3	38
MH-0.49*9*3*38L-T	0.49	9	3	38
MH-0.5*9*3*38L-T	0.5	9	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.51*9*3*38L-T	0.51	9	3	38
MH-0.52*9*3*38L-T	0.52	9	3	38
MH-0.53*9*3*38L-T	0.53	9	3	38
MH-0.54*9*3*38L-T	0.54	9	3	38
MH-0.55*9*3*38L-T	0.55	9	3	38
MH-0.56*9*3*38L-T	0.56	9	3	38
MH-0.57*9*3*38L-T	0.57	9	3	38
MH-0.58*9*3*38L-T	0.58	9	3	38
MH-0.59*9*3*38L-T	0.59	9	3	38
MH-0.6*10*3*38L-T	0.6	10	3	38
MH-0.61*10*3*38L-T	0.61	10	3	38
MH-0.62*10*3*38L-T	0.62	10	3	38
MH-0.63*10*3*38L-T	0.63	10	3	38
MH-0.64*10*3*38L-T	0.64	10	3	38
MH-0.65*10*3*38L-T	0.65	10	3	38
MH-0.66*10*3*38L-T	0.66	10	3	38
MH-0.67*10*3*38L-T	0.67	10	3	38
MH-0.68*10*3*38L-T	0.68	10	3	38
MH-0.69*10*3*38L-T	0.69	10	3	38
MH-0.7*10*3*38L-T	0.7	10	3	38
MH-0.71*10*3*38L-T	0.71	10	3	38
MH-0.72*10*3*38L-T	0.72	10	3	38
MH-0.73*10*3*38L-T	0.73	10	3	38
MH-0.74*10*3*38L-T	0.74	10	3	38
MH-0.75*10*3*38L-T	0.75	10	3	38
MH-0.76*10*3*38L-T	0.76	10	3	38
MH-0.77*10*3*38L-T	0.77	10	3	38
MH-0.78*10*3*38L-T	0.78	10	3	38
MH-0.79*10*3*38L-T	0.79	10	3	38
MH-0.8*10*3*38L-T	0.8	10	3	38
MH-0.81*10*3*38L-T	0.81	10	3	38
MH-0.82*10*3*38L-T	0.82	10	3	38
MH-0.83*10*3*38L-T	0.83	10	3	38
MH-0.84*10*3*38L-T	0.84	10	3	38
MH-0.85*10*3*38L-T	0.85	10	3	38
MH-0.86*10*3*38L-T	0.86	10	3	38
MH-0.87*10*3*38L-T	0.87	10	3	38
MH-0.88*10*3*38L-T	0.88	10	3	38
MH-0.89*10*3*38L-T	0.89	10	3	38
MH-0.9*12*3*38L-T	0.9	12	3	38
MH-0.91*12*3*38L-T	0.91	12	3	38
MH-0.92*12*3*38L-T	0.92	12	3	38
MH-0.93*12*3*38L-T	0.93	12	3	38
MH-0.94*12*3*38L-T	0.94	12	3	38
MH-0.95*12*3*38L-T	0.95	12	3	38
MH-0.96*12*3*38L-T	0.96	12	3	38
MH-0.97*12*3*38L-T	0.97	12	3	38
MH-0.98*12*3*38L-T	0.98	12	3	38
MH-0.99*12*3*38L-T	0.99	12	3	38
MH-1*15*3*50L-T	1	15	3	50
MH-1.01*15*3*50L-T	1.01	15	3	50
MH-1.02*15*3*50L-T	1.02	15	3	50
MH-1.03*15*3*50L-T	1.03	15	3	50

Solid carbide micro drills with coating (long series)



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm
Diameter Tolerance: 0-0.005mm

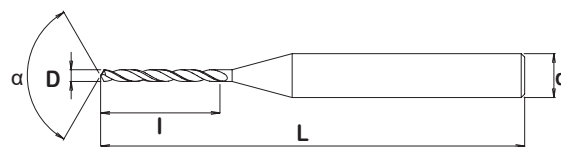
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.04*15*3*50L-T	1.04	15	3	50
MH-1.05*15*3*50L-T	1.05	15	3	50
MH-1.06*15*3*50L-T	1.06	15	3	50
MH-1.07*15*3*50L-T	1.07	15	3	50
MH-1.08*15*3*50L-T	1.08	15	3	50
MH-1.09*15*3*50L-T	1.09	15	3	50
MH-1.1*15*3*50L-T	1.1	15	3	50
MH-1.11*15*3*50L-T	1.11	15	3	50
MH-1.12*15*3*50L-T	1.12	15	3	50
MH-1.13*15*3*50L-T	1.13	15	3	50
MH-1.14*15*3*50L-T	1.14	15	3	50
MH-1.15*15*3*50L-T	1.15	15	3	50
MH-1.16*15*3*50L-T	1.16	15	3	50
MH-1.17*15*3*50L-T	1.17	15	3	50
MH-1.18*15*3*50L-T	1.18	15	3	50
MH-1.19*15*3*50L-T	1.19	15	3	50
MH-1.2*18*3*50L-T	1.2	18	3	50
MH-1.21*18*3*50L-T	1.21	18	3	50
MH-1.22*18*3*50L-T	1.22	18	3	50
MH-1.23*18*3*50L-T	1.23	18	3	50
MH-1.24*18*3*50L-T	1.24	18	3	50
MH-1.25*18*3*50L-T	1.25	18	3	50
MH-1.26*18*3*50L-T	1.26	18	3	50
MH-1.27*18*3*50L-T	1.27	18	3	50
MH-1.28*18*3*50L-T	1.28	18	3	50
MH-1.29*18*3*50L-T	1.29	18	3	50
MH-1.3*18*3*50L-T	1.3	18	3	50
MH-1.31*18*3*50L-T	1.31	18	3	50
MH-1.32*18*3*50L-T	1.32	18	3	50
MH-1.33*18*3*50L-T	1.33	18	3	50
MH-1.34*18*3*50L-T	1.34	18	3	50
MH-1.35*18*3*50L-T	1.35	18	3	50
MH-1.36*18*3*50L-T	1.36	18	3	50
MH-1.37*18*3*50L-T	1.37	18	3	50
MH-1.38*18*3*50L-T	1.38	18	3	50
MH-1.39*18*3*50L-T	1.39	18	3	50
MH-1.4*18*3*50L-T	1.4	18	3	50
MH-1.41*18*3*50L-T	1.41	18	3	50
MH-1.42*18*3*50L-T	1.42	18	3	50
MH-1.43*18*3*50L-T	1.43	18	3	50
MH-1.44*18*3*50L-T	1.44	18	3	50
MH-1.45*18*3*50L-T	1.45	18	3	50
MH-1.46*18*3*50L-T	1.46	18	3	50
MH-1.47*18*3*50L-T	1.47	18	3	50
MH-1.48*18*3*50L-T	1.48	18	3	50
MH-1.49*18*3*50L-T	1.49	18	3	50
MH-1.5*18*3*50L-T	1.5	18	3	50
MH-1.51*18*3*50L-T	1.51	18	3	50
MH-1.52*18*3*50L-T	1.52	18	3	50
MH-1.53*18*3*50L-T	1.53	18	3	50
MH-1.54*18*3*50L-T	1.54	18	3	50
MH-1.55*18*3*50L-T	1.55	18	3	50
MH-1.56*18*3*50L-T	1.56	18	3	50

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.57*18*3*50L-T	1.57	18	3	50
MH-1.58*18*3*50L-T	1.58	18	3	50
MH-1.59*18*3*50L-T	1.59	18	3	50
MH-1.6*18*3*50L-T	1.6	18	3	50
MH-1.61*18*3*50L-T	1.61	18	3	50
MH-1.62*18*3*50L-T	1.62	18	3	50
MH-1.63*18*3*50L-T	1.63	18	3	50
MH-1.64*18*3*50L-T	1.64	18	3	50
MH-1.65*18*3*50L-T	1.65	18	3	50
MH-1.66*18*3*50L-T	1.66	18	3	50
MH-1.67*18*3*50L-T	1.67	18	3	50
MH-1.68*18*3*50L-T	1.68	18	3	50
MH-1.69*18*3*50L-T	1.69	18	3	50
MH-1.7*18*3*50L-T	1.7	18	3	50
MH-1.71*18*3*50L-T	1.71	18	3	50
MH-1.72*18*3*50L-T	1.72	18	3	50
MH-1.73*18*3*50L-T	1.73	18	3	50
MH-1.74*18*3*50L-T	1.74	18	3	50
MH-1.75*18*3*50L-T	1.75	18	3	50
MH-1.76*18*3*50L-T	1.76	18	3	50
MH-1.77*18*3*50L-T	1.77	18	3	50
MH-1.78*18*3*50L-T	1.78	18	3	50
MH-1.79*18*3*50L-T	1.79	18	3	50
MH-1.8*18*3*50L-T	1.8	18	3	50
MH-1.81*18*3*50L-T	1.81	18	3	50
MH-1.82*18*3*50L-T	1.82	18	3	50
MH-1.83*18*3*50L-T	1.83	18	3	50
MH-1.84*18*3*50L-T	1.84	18	3	50
MH-1.85*18*3*50L-T	1.85	18	3	50
MH-1.86*18*3*50L-T	1.86	18	3	50
MH-1.87*18*3*50L-T	1.87	18	3	50
MH-1.88*18*3*50L-T	1.88	18	3	50
MH-1.89*18*3*50L-T	1.89	18	3	50
MH-1.9*18*3*50L-T	1.9	18	3	50
MH-1.91*18*3*50L-T	1.91	18	3	50
MH-1.92*18*3*50L-T	1.92	18	3	50
MH-1.93*18*3*50L-T	1.93	18	3	50
MH-1.94*18*3*50L-T	1.94	18	3	50
MH-1.95*18*3*50L-T	1.95	18	3	50
MH-1.96*18*3*50L-T	1.96	18	3	50
MH-1.97*18*3*50L-T	1.97	18	3	50
MH-1.98*18*3*50L-T	1.98	18	3	50
MH-1.99*18*3*50L-T	1.99	18	3	50
MH-2*18*3*50L-T	2	18	3	50
MH-2.01*25*3*60L-T	2.01	25	3	60
MH-2.02*25*3*60L-T	2.02	25	3	60
MH-2.03*25*3*60L-T	2.03	25	3	60
MH-2.04*25*3*60L-T	2.04	25	3	60
MH-2.05*25*3*60L-T	2.05	25	3	60
MH-2.06*25*3*60L-T	2.06	25	3	60
MH-2.07*25*3*60L-T	2.07	25	3	60
MH-2.08*25*3*60L-T	2.08	25	3	60
MH-2.09*25*3*60L-T	2.09	25	3	60

Solid carbide micro drills with coating (long series)



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm
Diameter Tolerance: 0-0.005mm

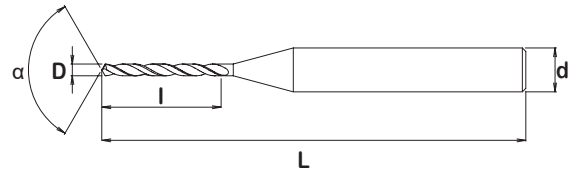
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○	●

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.1*25*3*60L-T	2.1	25	3	60
MH-2.11*25*3*60L-T	2.11	25	3	60
MH-2.12*25*3*60L-T	2.12	25	3	60
MH-2.13*25*3*60L-T	2.13	25	3	60
MH-2.14*25*3*60L-T	2.14	25	3	60
MH-2.15*25*3*60L-T	2.15	25	3	60
MH-2.16*25*3*60L-T	2.16	25	3	60
MH-2.17*25*3*60L-T	2.17	25	3	60
MH-2.18*25*3*60L-T	2.18	25	3	60
MH-2.19*25*3*60L-T	2.19	25	3	60
MH-2.2*25*3*60L-T	2.2	25	3	60
MH-2.21*25*3*60L-T	2.21	25	3	60
MH-2.22*25*3*60L-T	2.22	25	3	60
MH-2.23*25*3*60L-T	2.23	25	3	60
MH-2.24*25*3*60L-T	2.24	25	3	60
MH-2.25*25*3*60L-T	2.25	25	3	60
MH-2.26*25*3*60L-T	2.26	25	3	60
MH-2.27*25*3*60L-T	2.27	25	3	60
MH-2.28*25*3*60L-T	2.28	25	3	60
MH-2.29*25*3*60L-T	2.29	25	3	60
MH-2.3*25*3*60L-T	2.3	25	3	60
MH-2.31*25*3*60L-T	2.31	25	3	60
MH-2.32*25*3*60L-T	2.32	25	3	60
MH-2.33*25*3*60L-T	2.33	25	3	60
MH-2.34*25*3*60L-T	2.34	25	3	60
MH-2.35*25*3*60L-T	2.35	25	3	60
MH-2.36*25*3*60L-T	2.36	25	3	60
MH-2.37*25*3*60L-T	2.37	25	3	60
MH-2.38*25*3*60L-T	2.38	25	3	60
MH-2.39*25*3*60L-T	2.39	25	3	60
MH-2.4*25*3*60L-T	2.4	25	3	60
MH-2.41*25*3*60L-T	2.41	25	3	60
MH-2.42*25*3*60L-T	2.42	25	3	60
MH-2.43*25*3*60L-T	2.43	25	3	60
MH-2.44*25*3*60L-T	2.44	25	3	60
MH-2.45*25*3*60L-T	2.45	25	3	60
MH-2.46*25*3*60L-T	2.46	25	3	60
MH-2.47*25*3*60L-T	2.47	25	3	60
MH-2.48*25*3*60L-T	2.48	25	3	60
MH-2.49*25*3*60L-T	2.49	25	3	60
MH-2.5*25*3*60L-T	2.5	25	3	60
MH-2.51*25*3*60L-T	2.51	25	3	60
MH-2.52*25*3*60L-T	2.52	25	3	60
MH-2.53*25*3*60L-T	2.53	25	3	60
MH-2.54*25*3*60L-T	2.54	25	3	60
MH-2.55*25*3*60L-T	2.55	25	3	60
MH-2.56*25*3*60L-T	2.56	25	3	60
MH-2.57*25*3*60L-T	2.57	25	3	60
MH-2.58*25*3*60L-T	2.58	25	3	60
MH-2.59*25*3*60L-T	2.59	25	3	60
MH-2.6*25*3*60L-T	2.6	25	3	60
MH-2.61*25*3*60L-T	2.61	25	3	60
MH-2.62*25*3*60L-T	2.62	25	3	60

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.63*25*3*60L-T	2.63	25	3	60
MH-2.64*25*3*60L-T	2.64	25	3	60
MH-2.65*25*3*60L-T	2.65	25	3	60
MH-2.66*25*3*60L-T	2.66	25	3	60
MH-2.67*25*3*60L-T	2.67	25	3	60
MH-2.68*25*3*60L-T	2.68	25	3	60
MH-2.69*25*3*60L-T	2.69	25	3	60
MH-2.7*25*3*60L-T	2.7	25	3	60
MH-2.71*25*3*60L-T	2.71	25	3	60
MH-2.72*25*3*60L-T	2.72	25	3	60
MH-2.73*25*3*60L-T	2.73	25	3	60
MH-2.74*25*3*60L-T	2.74	25	3	60
MH-2.75*25*3*60L-T	2.75	25	3	60
MH-2.76*25*3*60L-T	2.76	25	3	60
MH-2.77*25*3*60L-T	2.77	25	3	60
MH-2.78*25*3*60L-T	2.78	25	3	60
MH-2.79*25*3*60L-T	2.79	25	3	60
MH-2.8*25*3*60L-T	2.8	25	3	60
MH-2.81*25*3*60L-T	2.81	25	3	60
MH-2.82*25*3*60L-T	2.82	25	3	60
MH-2.83*25*3*60L-T	2.83	25	3	60
MH-2.84*25*3*60L-T	2.84	25	3	60
MH-2.85*25*3*60L-T	2.85	25	3	60
MH-2.86*25*3*60L-T	2.86	25	3	60
MH-2.87*25*3*60L-T	2.87	25	3	60
MH-2.88*25*3*60L-T	2.88	25	3	60
MH-2.89*25*3*60L-T	2.89	25	3	60
MH-2.9*25*3*60L-T	2.9	25	3	60
MH-2.91*25*3*60L-T	2.91	25	3	60
MH-2.92*25*3*60L-T	2.92	25	3	60
MH-2.93*25*3*60L-T	2.93	25	3	60
MH-2.94*25*3*60L-T	2.94	25	3	60
MH-2.95*25*3*60L-T	2.95	25	3	60
MH-2.96*25*3*60L-T	2.96	25	3	60
MH-2.97*25*3*60L-T	2.97	25	3	60
MH-2.98*25*3*60L-T	2.98	25	3	60
MH-2.99*25*3*60L-T	2.99	25	3	60
MH-3*25*3*60L-T	3	25	3	60

Solid carbide micro drills with coating (long service time)



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm Diameter tolerance:
0-0.005mm $D \leq 1.0$ mm angle is 118° , $D \geq 1.0$ mm the angle is 135°

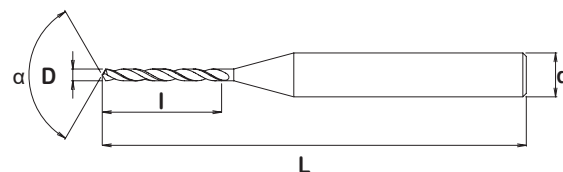
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
●	●	●	●	○	×	×	●	●	●	○	○	●	○	○	×	×	×	○	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.03*0.3*3*38-T	0.03	0.3	3	38
MH-0.035*0.35*3*38-T	0.035	0.35	3	38
MH-0.04*0.4*3*38-T	0.04	0.4	3	38
MH-0.045*0.45*3*38-T	0.045	0.45	3	38
MH-0.05*0.5*3*38-T	0.05	0.5	3	38
MH-0.055*0.55*3*38-T	0.055	0.55	3	38
MH-0.06*0.6*3*38-T	0.06	0.6	3	38
MH-0.065*0.65*3*38-T	0.065	0.65	3	38
MH-0.07*0.7*3*38-T	0.07	0.7	3	38
MH-0.075*0.75*3*38-T	0.075	0.75	3	38
MH-0.08*0.8*3*38-T	0.08	0.8	3	38
MH-0.085*0.85*3*38-T	0.085	0.85	3	38
MH-0.09*0.9*3*38-T	0.09	0.9	3	38
MH-0.095*0.95*3*38-T	0.095	0.95	3	38
MH-0.1*1*3*38-T	0.1	1	3	38
MH-0.11*1*3*38-T	0.11	1	3	38
MH-0.12*1*3*38-T	0.12	1	3	38
MH-0.13*1.5*3*38-T	0.13	1.5	3	38
MH-0.14*1.5*3*38-T	0.14	1.5	3	38
MH-0.15*1.5*3*38-T	0.15	1.5	3	38
MH-0.16*2*3*38-T	0.16	2	3	38
MH-0.17*2*3*38-T	0.17	2	3	38
MH-0.18*2*3*38-T	0.18	2	3	38
MH-0.19*2*3*38-T	0.19	2	3	38
MH-0.2*2*3*38-T	0.2	2	3	38
MH-0.21*2.5*3*38-T	0.21	2.5	3	38
MH-0.22*2.5*3*38-T	0.22	2.5	3	38
MH-0.23*2.5*3*38-T	0.23	2.5	3	38
MH-0.24*2.5*3*38-T	0.24	2.5	3	38
MH-0.25*2.5*3*38-T	0.25	2.5	3	38
MH-0.26*3*3*38-T	0.26	3	3	38
MH-0.27*3*3*38-T	0.27	3	3	38
MH-0.28*3*3*38-T	0.28	3	3	38
MH-0.29*3*3*38-T	0.29	3	3	38
MH-0.3*3*3*38-T	0.3	3	3	38
MH-0.31*3*3*38-T	0.31	3	3	38
MH-0.32*3*3*38-T	0.32	3	3	38
MH-0.33*3*3*38-T	0.33	3	3	38
MH-0.34*3*3*38-T	0.34	3	3	38
MH-0.35*3*3*38-T	0.35	3	3	38
MH-0.36*3*3*38-T	0.36	3	3	38
MH-0.37*3*3*38-T	0.37	3	3	38
MH-0.38*3*3*38-T	0.38	3	3	38
MH-0.39*3*3*38-T	0.39	3	3	38
MH-0.4*4*3*38-T	0.4	4	3	38
MH-0.41*4*3*38-T	0.41	4	3	38
MH-0.42*4*3*38-T	0.42	4	3	38
MH-0.43*4*3*38-T	0.43	4	3	38
MH-0.44*4*3*38-T	0.44	4	3	38
MH-0.45*4*3*38-T	0.45	4	3	38
MH-0.46*4*3*38-T	0.46	4	3	38
MH-0.47*4*3*38-T	0.47	4	3	38
MH-0.48*4*3*38-T	0.48	4	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.49*4*3*38-T	0.49	4	3	38
MH-0.5*5*3*38-T	0.5	5	3	38
MH-0.51*5*3*38-T	0.51	5	3	38
MH-0.52*5*3*38-T	0.52	5	3	38
MH-0.53*5*3*38-T	0.53	5	3	38
MH-0.54*5*3*38-T	0.54	5	3	38
MH-0.55*5*3*38-T	0.55	5	3	38
MH-0.56*5*3*38-T	0.56	5	3	38
MH-0.57*5*3*38-T	0.57	5	3	38
MH-0.58*5*3*38-T	0.58	5	3	38
MH-0.59*5*3*38-T	0.59	5	3	38
MH-0.6*6*3*38-T	0.6	6	3	38
MH-0.61*6*3*38-T	0.61	6	3	38
MH-0.62*6*3*38-T	0.62	6	3	38
MH-0.63*6*3*38-T	0.63	6	3	38
MH-0.64*6*3*38-T	0.64	6	3	38
MH-0.65*6*3*38-T	0.65	6	3	38
MH-0.66*6*3*38-T	0.66	6	3	38
MH-0.67*6*3*38-T	0.67	6	3	38
MH-0.68*6*3*38-T	0.68	6	3	38
MH-0.69*6*3*38-T	0.69	6	3	38
MH-0.7*6*3*38-T	0.7	6	3	38
MH-0.71*6*3*38-T	0.71	6	3	38
MH-0.72*6*3*38-T	0.72	6	3	38
MH-0.73*6*3*38-T	0.73	6	3	38
MH-0.74*6*3*38-T	0.74	6	3	38
MH-0.75*6*3*38-T	0.75	6	3	38
MH-0.76*6*3*38-T	0.76	6	3	38
MH-0.77*6*3*38-T	0.77	6	3	38
MH-0.78*6*3*38-T	0.78	6	3	38
MH-0.79*6*3*38-T	0.79	6	3	38
MH-0.8*6*3*38-T	0.8	6	3	38
MH-0.81*6*3*38-T	0.81	6	3	38
MH-0.82*6*3*38-T	0.82	6	3	38
MH-0.83*6*3*38-T	0.83	6	3	38
MH-0.84*6*3*38-T	0.84	6	3	38
MH-0.85*6*3*38-T	0.85	6	3	38
MH-0.86*6*3*38-T	0.86	6	3	38
MH-0.87*6*3*38-T	0.87	6	3	38
MH-0.88*6*3*38-T	0.88	6	3	38
MH-0.89*6*3*38-T	0.89	6	3	38
MH-0.9*6*3*38-T	0.9	6	3	38
MH-0.91*6*3*38-T	0.91	6	3	38
MH-0.92*6*3*38-T	0.92	6	3	38
MH-0.93*6*3*38-T	0.93	6	3	38
MH-0.94*6*3*38-T	0.94	6	3	38
MH-0.95*6*3*38-T	0.95	6	3	38
MH-0.96*6*3*38-T	0.96	6	3	38
MH-0.97*6*3*38-T	0.97	6	3	38
MH-0.98*6*3*38-T	0.98	6	3	38
MH-0.99*6*3*38-T	0.99	6	3	38
MH-1*7*3*38-T	1	7	3	38
MH-1.01*7*3*38-T	1.01	7	3	38

Solid carbide micro drills with coating (long service time)



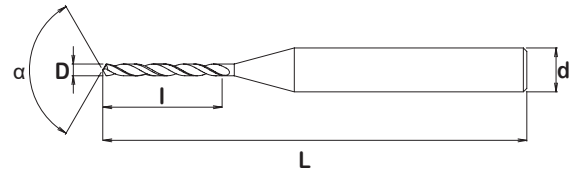
Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm Diameter tolerance:
0-0.005mm $D \leq 1.0$ mm angle is 118°, $D \geq 1.0$ mm the angle is 135°

Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
●	●	●	●	○	○	×	×	●	●	○	○	●	○	○	×	×	×	○	○	● Suitable ○ Acceptable × Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.02*7*3*38-T	1.02	7	3	38
MH-1.03*7*3*38-T	1.03	7	3	38
MH-1.04*7*3*38-T	1.04	7	3	38
MH-1.05*7*3*38-T	1.05	7	3	38
MH-1.06*7*3*38-T	1.06	7	3	38
MH-1.07*7*3*38-T	1.07	7	3	38
MH-1.08*7*3*38-T	1.08	7	3	38
MH-1.09*7*3*38-T	1.09	7	3	38
MH-1.1*7*3*38-T	1.1	7	3	38
MH-1.11*7*3*38-T	1.11	7	3	38
MH-1.12*7*3*38-T	1.12	7	3	38
MH-1.13*7*3*38-T	1.13	7	3	38
MH-1.14*7*3*38-T	1.14	7	3	38
MH-1.15*7*3*38-T	1.15	7	3	38
MH-1.16*7*3*38-T	1.16	7	3	38
MH-1.17*7*3*38-T	1.17	7	3	38
MH-1.18*7*3*38-T	1.18	7	3	38
MH-1.19*7*3*38-T	1.19	7	3	38
MH-1.2*8*3*38-T	1.2	8	3	38
MH-1.21*8*3*38-T	1.21	8	3	38
MH-1.22*8*3*38-T	1.22	8	3	38
MH-1.23*8*3*38-T	1.23	8	3	38
MH-1.24*8*3*38-T	1.24	8	3	38
MH-1.25*8*3*38-T	1.25	8	3	38
MH-1.26*8*3*38-T	1.26	8	3	38
MH-1.27*8*3*38-T	1.27	8	3	38
MH-1.28*8*3*38-T	1.28	8	3	38
MH-1.29*8*3*38-T	1.29	8	3	38
MH-1.3*8*3*38-T	1.3	8	3	38
MH-1.31*8*3*38-T	1.31	8	3	38
MH-1.32*8*3*38-T	1.32	8	3	38
MH-1.33*8*3*38-T	1.33	8	3	38
MH-1.34*8*3*38-T	1.34	8	3	38
MH-1.35*8*3*38-T	1.35	8	3	38
MH-1.36*8*3*38-T	1.36	8	3	38
MH-1.37*8*3*38-T	1.37	8	3	38
MH-1.38*8*3*38-T	1.38	8	3	38
MH-1.39*8*3*38-T	1.39	8	3	38
MH-1.4*8*3*38-T	1.4	8	3	38
MH-1.41*8*3*38-T	1.41	8	3	38
MH-1.42*8*3*38-T	1.42	8	3	38
MH-1.43*8*3*38-T	1.43	8	3	38
MH-1.44*8*3*38-T	1.44	8	3	38
MH-1.45*8*3*38-T	1.45	8	3	38
MH-1.46*8*3*38-T	1.46	8	3	38
MH-1.47*8*3*38-T	1.47	8	3	38
MH-1.48*8*3*38-T	1.48	8	3	38
MH-1.49*8*3*38-T	1.49	8	3	38
MH-1.5*8*3*38-T	1.5	8	3	38
MH-1.51*10*3*38-T	1.51	10	3	38
MH-1.52*10*3*38-T	1.52	10	3	38
MH-1.53*10*3*38-T	1.53	10	3	38
MH-1.54*10*3*38-T	1.54	10	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.55*10*3*38-T	1.55	10	3	38
MH-1.56*10*3*38-T	1.56	10	3	38
MH-1.57*10*3*38-T	1.57	10	3	38
MH-1.58*10*3*38-T	1.58	10	3	38
MH-1.59*10*3*38-T	1.59	10	3	38
MH-1.6*12*3*38-T	1.6	12	3	38
MH-1.61*12*3*38-T	1.61	12	3	38
MH-1.62*12*3*38-T	1.62	12	3	38
MH-1.63*12*3*38-T	1.63	12	3	38
MH-1.64*12*3*38-T	1.64	12	3	38
MH-1.65*12*3*38-T	1.65	12	3	38
MH-1.66*12*3*38-T	1.66	12	3	38
MH-1.67*12*3*38-T	1.67	12	3	38
MH-1.68*12*3*38-T	1.68	12	3	38
MH-1.69*12*3*38-T	1.69	12	3	38
MH-1.7*12*3*38-T	1.7	12	3	38
MH-1.71*12*3*38-T	1.71	12	3	38
MH-1.72*12*3*38-T	1.72	12	3	38
MH-1.73*12*3*38-T	1.73	12	3	38
MH-1.74*12*3*38-T	1.74	12	3	38
MH-1.75*12*3*38-T	1.75	12	3	38
MH-1.76*12*3*38-T	1.76	12	3	38
MH-1.77*12*3*38-T	1.77	12	3	38
MH-1.78*12*3*38-T	1.78	12	3	38
MH-1.79*12*3*38-T	1.79	12	3	38
MH-1.8*12*3*38-T	1.8	12	3	38
MH-1.81*12*3*38-T	1.81	12	3	38
MH-1.82*12*3*38-T	1.82	12	3	38
MH-1.83*12*3*38-T	1.83	12	3	38
MH-1.84*12*3*38-T	1.84	12	3	38
MH-1.85*12*3*38-T	1.85	12	3	38
MH-1.86*12*3*38-T	1.86	12	3	38
MH-1.87*12*3*38-T	1.87	12	3	38
MH-1.88*12*3*38-T	1.88	12	3	38
MH-1.89*12*3*38-T	1.89	12	3	38
MH-1.9*12*3*38-T	1.9	12	3	38
MH-1.91*12*3*38-T	1.91	12	3	38
MH-1.92*12*3*38-T	1.92	12	3	38
MH-1.93*12*3*38-T	1.93	12	3	38
MH-1.94*12*3*38-T	1.94	12	3	38
MH-1.95*12*3*38-T	1.95	12	3	38
MH-1.96*12*3*38-T	1.96	12	3	38
MH-1.97*12*3*38-T	1.97	12	3	38
MH-1.98*12*3*38-T	1.98	12	3	38
MH-1.99*12*3*38-T	1.99	12	3	38
MH-2*12*3*38-T	2	12	3	38
MH-2.01*12*3*38-T	2.01	12	3	38
MH-2.02*12*3*38-T	2.02	12	3	38
MH-2.03*12*3*38-T	2.03	12	3	38
MH-2.04*12*3*38-T	2.04	12	3	38
MH-2.05*12*3*38-T	2.05	12	3	38
MH-2.06*12*3*38-T	2.06	12	3	38
MH-2.07*12*3*38-T	2.07	12	3	38

Solid carbide micro drills with coating (long service time)



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm Diameter tolerance:
0-0.005mm $D \leq 1.0$ mm angle is 118° , $D \geq 1.0$ mm the angle is 135°

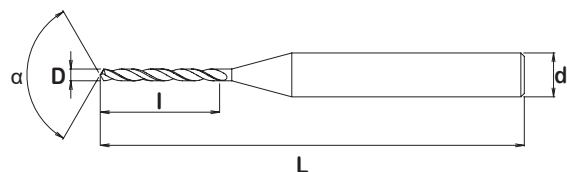
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
●	●	●	●	○	×	×	●	●	●	○	○	●	○	○	×	×	×	○	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.55*10*3*38-T	1.55	10	3	38
MH-1.56*10*3*38-T	1.56	10	3	38
MH-1.57*10*3*38-T	1.57	10	3	38
MH-1.58*10*3*38-T	1.58	10	3	38
MH-1.59*10*3*38-T	1.59	10	3	38
MH-1.6*10*3*38-T	1.6	10	3	38
MH-1.61*10*3*38-T	1.61	10	3	38
MH-1.62*10*3*38-T	1.62	10	3	38
MH-1.63*10*3*38-T	1.63	10	3	38
MH-1.64*10*3*38-T	1.64	10	3	38
MH-1.65*10*3*38-T	1.65	10	3	38
MH-1.66*10*3*38-T	1.66	10	3	38
MH-1.67*10*3*38-T	1.67	10	3	38
MH-1.68*10*3*38-T	1.68	10	3	38
MH-1.69*10*3*38-T	1.69	10	3	38
MH-1.7*10*3*38-T	1.7	10	3	38
MH-1.71*10*3*38-T	1.71	10	3	38
MH-1.72*10*3*38-T	1.72	10	3	38
MH-1.73*10*3*38-T	1.73	10	3	38
MH-1.74*10*3*38-T	1.74	10	3	38
MH-1.75*10*3*38-T	1.75	10	3	38
MH-1.76*10*3*38-T	1.76	10	3	38
MH-1.77*10*3*38-T	1.77	10	3	38
MH-1.78*10*3*38-T	1.78	10	3	38
MH-1.79*10*3*38-T	1.79	10	3	38
MH-1.8*10*3*38-T	1.8	10	3	38
MH-1.81*10*3*38-T	1.81	10	3	38
MH-1.82*10*3*38-T	1.82	10	3	38
MH-1.83*10*3*38-T	1.83	10	3	38
MH-1.84*10*3*38-T	1.84	10	3	38
MH-1.85*10*3*38-T	1.85	10	3	38
MH-1.86*10*3*38-T	1.86	10	3	38
MH-1.87*10*3*38-T	1.87	10	3	38
MH-1.88*10*3*38-T	1.88	10	3	38
MH-1.89*10*3*38-T	1.89	10	3	38
MH-1.9*10*3*38-T	1.9	10	3	38
MH-1.91*10*3*38-T	1.91	10	3	38
MH-1.92*10*3*38-T	1.92	10	3	38
MH-1.93*10*3*38-T	1.93	10	3	38
MH-1.94*10*3*38-T	1.94	10	3	38
MH-1.95*10*3*38-T	1.95	10	3	38
MH-1.96*10*3*38-T	1.96	10	3	38
MH-1.97*10*3*38-T	1.97	10	3	38
MH-1.98*10*3*38-T	1.98	10	3	38
MH-1.99*10*3*38-T	1.99	10	3	38
MH-2*10*3*38-T	2	10	3	38
MH-2.01*12*3*38-T	2.01	12	3	38
MH-2.02*12*3*38-T	2.02	12	3	38
MH-2.03*12*3*38-T	2.03	12	3	38
MH-2.04*12*3*38-T	2.04	12	3	38
MH-2.05*12*3*38-T	2.05	12	3	38
MH-2.06*12*3*38-T	2.06	12	3	38
MH-2.07*12*3*38-T	2.07	12	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.08*12*3*38-T	2.08	12	3	38
MH-2.09*12*3*38-T	2.09	12	3	38
MH-2.1*12*3*38-T	2.1	12	3	38
MH-2.11*12*3*38-T	2.11	12	3	38
MH-2.12*12*3*38-T	2.12	12	3	38
MH-2.13*12*3*38-T	2.13	12	3	38
MH-2.14*12*3*38-T	2.14	12	3	38
MH-2.15*12*3*38-T	2.15	12	3	38
MH-2.16*12*3*38-T	2.16	12	3	38
MH-2.17*12*3*38-T	2.17	12	3	38
MH-2.18*12*3*38-T	2.18	12	3	38
MH-2.19*12*3*38-T	2.19	12	3	38
MH-2.2*12*3*38-T	2.2	12	3	38
MH-2.21*12*3*38-T	2.21	12	3	38
MH-2.22*12*3*38-T	2.22	12	3	38
MH-2.23*12*3*38-T	2.23	12	3	38
MH-2.24*12*3*38-T	2.24	12	3	38
MH-2.25*12*3*38-T	2.25	12	3	38
MH-2.26*12*3*38-T	2.26	12	3	38
MH-2.27*12*3*38-T	2.27	12	3	38
MH-2.28*12*3*38-T	2.28	12	3	38
MH-2.29*12*3*38-T	2.29	12	3	38
MH-2.3*12*3*38-T	2.3	12	3	38
MH-2.31*12*3*38-T	2.31	12	3	38
MH-2.32*12*3*38-T	2.32	12	3	38
MH-2.33*12*3*38-T	2.33	12	3	38
MH-2.34*12*3*38-T	2.34	12	3	38
MH-2.35*12*3*38-T	2.35	12	3	38
MH-2.36*12*3*38-T	2.36	12	3	38
MH-2.37*12*3*38-T	2.37	12	3	38
MH-2.38*12*3*38-T	2.38	12	3	38
MH-2.39*12*3*38-T	2.39	12	3	38
MH-2.4*12*3*38-T	2.4	12	3	38
MH-2.41*12*3*38-T	2.41	12	3	38
MH-2.42*12*3*38-T	2.42	12	3	38
MH-2.43*12*3*38-T	2.43	12	3	38
MH-2.44*12*3*38-T	2.44	12	3	38
MH-2.45*12*3*38-T	2.45	12	3	38
MH-2.46*12*3*38-T	2.46	12	3	38
MH-2.47*12*3*38-T	2.47	12	3	38
MH-2.48*12*3*38-T	2.48	12	3	38
MH-2.49*12*3*38-T	2.49	12	3	38
MH-2.5*12*3*38-T	2.5	12	3	38
MH-2.51*12*3*38-T	2.51	12	3	38
MH-2.52*12*3*38-T	2.52	12	3	38
MH-2.53*12*3*38-T	2.53	12	3	38
MH-2.54*12*3*38-T	2.54	12	3	38
MH-2.55*12*3*38-T	2.55	12	3	38
MH-2.56*12*3*38-T	2.56	12	3	38
MH-2.57*12*3*38-T	2.57	12	3	38
MH-2.58*12*3*38-T	2.58	12	3	38
MH-2.59*12*3*38-T	2.59	12	3	38
MH-2.6*12*3*38-T	2.6	12	3	38

Solid carbide micro drills with coating (long service time)



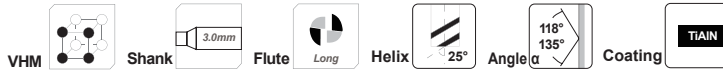
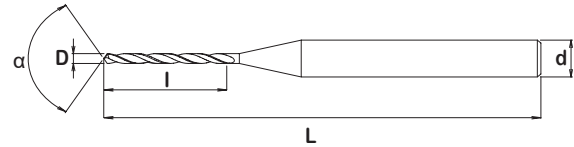
Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm Diameter tolerance:
0-0.005mm $D \leq 1.0$ mm angle is 118° , $D \geq 1.0$ mm the angle is 135°

Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
●	●	●	●	○	×	×	●	●	●	○	○	●	○	○	×	×	×	○	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*l*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.61*12*3*38-T	2.61	12	3	38
MH-2.62*12*3*38-T	2.62	12	3	38
MH-2.63*12*3*38-T	2.63	12	3	38
MH-2.64*12*3*38-T	2.64	12	3	38
MH-2.65*12*3*38-T	2.65	12	3	38
MH-2.66*12*3*38-T	2.66	12	3	38
MH-2.67*12*3*38-T	2.67	12	3	38
MH-2.68*12*3*38-T	2.68	12	3	38
MH-2.69*12*3*38-T	2.69	12	3	38
MH-2.7*12*3*38-T	2.7	12	3	38
MH-2.71*12*3*38-T	2.71	12	3	38
MH-2.72*12*3*38-T	2.72	12	3	38
MH-2.73*12*3*38-T	2.73	12	3	38
MH-2.74*12*3*38-T	2.74	12	3	38
MH-2.75*12*3*38-T	2.75	12	3	38
MH-2.76*12*3*38-T	2.76	12	3	38
MH-2.77*12*3*38-T	2.77	12	3	38
MH-2.78*12*3*38-T	2.78	12	3	38
MH-2.79*12*3*38-T	2.79	12	3	38
MH-2.8*12*3*38-T	2.8	12	3	38
MH-2.81*12*3*38-T	2.81	12	3	38
MH-2.82*12*3*38-T	2.82	12	3	38
MH-2.83*12*3*38-T	2.83	12	3	38
MH-2.84*12*3*38-T	2.84	12	3	38
MH-2.85*12*3*38-T	2.85	12	3	38
MH-2.86*12*3*38-T	2.86	12	3	38
MH-2.87*12*3*38-T	2.87	12	3	38
MH-2.88*12*3*38-T	2.88	12	3	38
MH-2.89*12*3*38-T	2.89	12	3	38
MH-2.9*12*3*38-T	2.9	12	3	38
MH-2.91*12*3*38-T	2.91	12	3	38
MH-2.92*12*3*38-T	2.92	12	3	38
MH-2.93*12*3*38-T	2.93	12	3	38
MH-2.94*12*3*38-T	2.94	12	3	38
MH-2.95*12*3*38-T	2.95	12	3	38
MH-2.96*12*3*38-T	2.96	12	3	38
MH-2.97*12*3*38-T	2.97	12	3	38
MH-2.98*12*3*38-T	2.98	12	3	38
MH-2.99*12*3*38-T	2.99	12	3	38
MH-3*12*3*38-T	3	12	3	38

Solid carbide micro drills with coating long series (long service time)



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm Diameter tolerance:
0-0.005mm $D \leq 1.0$ mm angle is 118° , $D \geq 1.0$ mm the angle is 135°

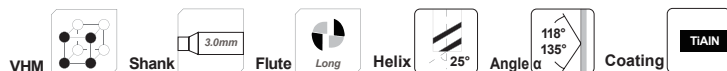
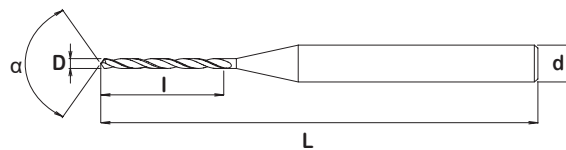
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
●	●	●	●	○	×	×	●	●	●	○	○	●	○	○	×	×	×	○	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.04*0.6*3*38L	0.04	0.6	3	38
MH-0.045*0.7*3*38L	0.045	0.7	3	38
MH-0.05*0.9*3*38L	0.05	0.9	3	38
MH-0.055*0.9*3*38L	0.055	0.9	3	38
MH-0.06*0.9*3*38L	0.06	0.9	3	38
MH-0.065*0.9*3*38L	0.065	0.9	3	38
MH-0.07*1.2*3*38L	0.07	1.2	3	38
MH-0.075*1.2*3*38L	0.075	1.2	3	38
MH-0.08*1.2*3*38L	0.08	1.2	3	38
MH-0.085*1.2*3*38L	0.085	1.2	3	38
MH-0.09*1.2*3*38L	0.09	1.2	3	38
MH-0.095*1.2*3*38L	0.095	1.2	3	38
MH-0.1*2*3*38L	0.1	2	3	38
MH-0.11*2*3*38L	0.11	2	3	38
MH-0.12*2*3*38L	0.12	2	3	38
MH-0.13*3*3*38L	0.13	3	3	38
MH-0.14*3*3*38L	0.14	3	3	38
MH-0.15*3*3*38L	0.15	3	3	38
MH-0.16*4*3*38L	0.16	4	3	38
MH-0.17*4*3*38L	0.17	4	3	38
MH-0.18*4*3*38L	0.18	4	3	38
MH-0.19*4*3*38L	0.19	4	3	38
MH-0.2*4*3*38L	0.2	4	3	38
MH-0.21*5*3*38L	0.21	5	3	38
MH-0.22*5*3*38L	0.22	5	3	38
MH-0.23*5*3*38L	0.23	5	3	38
MH-0.24*5*3*38L	0.24	5	3	38
MH-0.25*5*3*38L	0.25	5	3	38
MH-0.26*6*3*38L	0.26	6	3	38
MH-0.27*6*3*38L	0.27	6	3	38
MH-0.28*6*3*38L	0.28	6	3	38
MH-0.29*6*3*38L	0.29	6	3	38
MH-0.3*6*3*38L	0.3	6	3	38
MH-0.31*6*3*38L	0.31	6	3	38
MH-0.32*6*3*38L	0.32	6	3	38
MH-0.33*6*3*38L	0.33	6	3	38
MH-0.34*6*3*38L	0.34	6	3	38
MH-0.35*6*3*38L	0.35	6	3	38
MH-0.36*6*3*38L	0.36	6	3	38
MH-0.37*6*3*38L	0.37	6	3	38
MH-0.38*6*3*38L	0.38	6	3	38
MH-0.39*6*3*38L	0.39	6	3	38
MH-0.4*6*3*38L	0.4	6	3	38
MH-0.41*7*3*38L	0.41	7	3	38
MH-0.42*7*3*38L	0.42	7	3	38
MH-0.43*7*3*38L	0.43	7	3	38
MH-0.44*7*3*38L	0.44	7	3	38
MH-0.45*7*3*38L	0.45	7	3	38
MH-0.46*7*3*38L	0.46	7	3	38
MH-0.47*7*3*38L	0.47	7	3	38
MH-0.48*7*3*38L	0.48	7	3	38
MH-0.49*7*3*38L	0.49	7	3	38
MH-0.5*7*3*38L	0.5	7	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.51*9*3*38L	0.51	9	3	38
MH-0.52*9*3*38L	0.52	9	3	38
MH-0.53*9*3*38L	0.53	9	3	38
MH-0.54*9*3*38L	0.54	9	3	38
MH-0.55*9*3*38L	0.55	9	3	38
MH-0.56*9*3*38L	0.56	9	3	38
MH-0.57*9*3*38L	0.57	9	3	38
MH-0.58*9*3*38L	0.58	9	3	38
MH-0.59*9*3*38L	0.59	9	3	38
MH-0.6*9*3*38L	0.6	9	3	38
MH-0.61*9*3*38L	0.61	9	3	38
MH-0.62*9*3*38L	0.62	9	3	38
MH-0.63*9*3*38L	0.63	9	3	38
MH-0.64*9*3*38L	0.64	9	3	38
MH-0.65*9*3*38L	0.65	9	3	38
MH-0.66*9*3*38L	0.66	9	3	38
MH-0.67*9*3*38L	0.67	9	3	38
MH-0.68*9*3*38L	0.68	9	3	38
MH-0.69*9*3*38L	0.69	9	3	38
MH-0.7*9*3*38L	0.7	9	3	38
MH-0.71*10*3*38L	0.71	10	3	38
MH-0.72*10*3*38L	0.72	10	3	38
MH-0.73*10*3*38L	0.73	10	3	38
MH-0.74*10*3*38L	0.74	10	3	38
MH-0.75*10*3*38L	0.75	10	3	38
MH-0.76*10*3*38L	0.76	10	3	38
MH-0.77*10*3*38L	0.77	10	3	38
MH-0.78*10*3*38L	0.78	10	3	38
MH-0.79*10*3*38L	0.79	10	3	38
MH-0.8*10*3*38L	0.8	10	3	38
MH-0.81*10*3*38L	0.81	10	3	38
MH-0.82*10*3*38L	0.82	10	3	38
MH-0.83*10*3*38L	0.83	10	3	38
MH-0.84*10*3*38L	0.84	10	3	38
MH-0.85*10*3*38L	0.85	10	3	38
MH-0.86*10*3*38L	0.86	10	3	38
MH-0.87*10*3*38L	0.87	10	3	38
MH-0.88*10*3*38L	0.88	10	3	38
MH-0.89*10*3*38L	0.89	10	3	38
MH-0.9*10*3*38L	0.9	10	3	38
MH-0.91*10*3*38L	0.91	10	3	38
MH-0.92*10*3*38L	0.92	10	3	38
MH-0.93*10*3*38L	0.93	10	3	38
MH-0.94*10*3*38L	0.94	10	3	38
MH-0.95*10*3*38L	0.95	10	3	38
MH-0.96*10*3*38L	0.96	10	3	38
MH-0.97*10*3*38L	0.97	10	3	38
MH-0.98*10*3*38L	0.98	10	3	38
MH-0.99*10*3*38L	0.99	10	3	38
MH-1*12*3*38L	1	12	3	38
MH-1.01*12*3*38L	1.01	12	3	38
MH-1.02*12*3*38L	1.02	12	3	38
MH-1.03*12*3*38L	1.03	12	3	38

Solid carbide micro drills with coating long series (long service time)



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm Diameter tolerance:
0-0.005mm $D \leq 1.0$ mm angle is 118° , $D \geq 1.0$ mm the angle is 135°

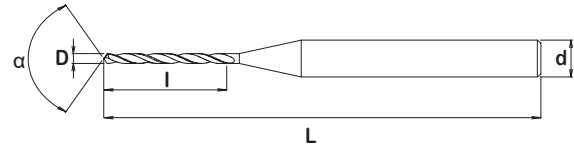
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
●	●	●	●	○	×	×	●	●	●	○	○	●	○	○	×	×	×	○	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.04*12*3*38L	1.04	12	3	38
MH-1.05*12*3*38L	1.05	12	3	38
MH-1.06*12*3*38L	1.06	12	3	38
MH-1.07*12*3*38L	1.07	12	3	38
MH-1.08*12*3*38L	1.08	12	3	38
MH-1.09*12*3*38L	1.09	12	3	38
MH-1.1*12*3*38L	1.1	12	3	38
MH-1.11*12*3*38L	1.11	12	3	38
MH-1.12*12*3*38L	1.12	12	3	38
MH-1.13*12*3*38L	1.13	12	3	38
MH-1.14*12*3*38L	1.14	12	3	38
MH-1.15*12*3*38L	1.15	12	3	38
MH-1.16*12*3*38L	1.16	12	3	38
MH-1.17*12*3*38L	1.17	12	3	38
MH-1.18*12*3*38L	1.18	12	3	38
MH-1.19*12*3*38L	1.19	12	3	38
MH-1.2*12*3*38L	1.2	12	3	38
MH-1.21*15*3*50L	1.21	15	3	50
MH-1.22*15*3*50L	1.22	15	3	50
MH-1.23*15*3*50L	1.23	15	3	50
MH-1.24*15*3*50L	1.24	15	3	50
MH-1.25*15*3*50L	1.25	15	3	50
MH-1.26*15*3*50L	1.26	15	3	50
MH-1.27*15*3*50L	1.27	15	3	50
MH-1.28*15*3*50L	1.28	15	3	50
MH-1.29*15*3*50L	1.29	15	3	50
MH-1.3*15*3*50L	1.3	15	3	50
MH-1.31*15*3*50L	1.31	15	3	50
MH-1.32*15*3*50L	1.32	15	3	50
MH-1.33*15*3*50L	1.33	15	3	50
MH-1.34*15*3*50L	1.34	15	3	50
MH-1.35*15*3*50L	1.35	15	3	50
MH-1.36*15*3*50L	1.36	15	3	50
MH-1.37*15*3*50L	1.37	15	3	50
MH-1.38*15*3*50L	1.38	15	3	50
MH-1.39*15*3*50L	1.39	15	3	50
MH-1.4*15*3*50L	1.4	15	3	50
MH-1.41*15*3*50L	1.41	15	3	50
MH-1.42*15*3*50L	1.42	15	3	50
MH-1.43*15*3*50L	1.43	15	3	50
MH-1.44*15*3*50L	1.44	15	3	50
MH-1.45*15*3*50L	1.45	15	3	50
MH-1.46*15*3*50L	1.46	15	3	50
MH-1.47*15*3*50L	1.47	15	3	50
MH-1.48*15*3*50L	1.48	15	3	50
MH-1.49*15*3*50L	1.49	15	3	50
MH-1.5*15*3*50L	1.5	15	3	50
MH-1.51*20*3*60L	1.51	20	3	60
MH-1.52*20*3*60L	1.52	20	3	60
MH-1.53*20*3*60L	1.53	20	3	60
MH-1.54*20*3*60L	1.54	20	3	60
MH-1.55*20*3*60L	1.55	20	3	60
MH-1.56*20*3*60L	1.56	20	3	60

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.57*20*3*60L	1.57	20	3	60
MH-1.58*20*3*60L	1.58	20	3	60
MH-1.59*20*3*60L	1.59	20	3	60
MH-1.6*20*3*60L	1.6	20	3	60
MH-1.61*20*3*60L	1.61	20	3	60
MH-1.62*20*3*60L	1.62	20	3	60
MH-1.63*20*3*60L	1.63	20	3	60
MH-1.64*20*3*60L	1.64	20	3	60
MH-1.65*20*3*60L	1.65	20	3	60
MH-1.66*20*3*60L	1.66	20	3	60
MH-1.67*20*3*60L	1.67	20	3	60
MH-1.68*20*3*60L	1.68	20	3	60
MH-1.69*20*3*60L	1.69	20	3	60
MH-1.7*20*3*60L	1.7	20	3	60
MH-1.71*20*3*60L	1.71	20	3	60
MH-1.72*20*3*60L	1.72	20	3	60
MH-1.73*20*3*60L	1.73	20	3	60
MH-1.74*20*3*60L	1.74	20	3	60
MH-1.75*20*3*60L	1.75	20	3	60
MH-1.76*20*3*60L	1.76	20	3	60
MH-1.77*20*3*60L	1.77	20	3	60
MH-1.78*20*3*60L	1.78	20	3	60
MH-1.79*20*3*60L	1.79	20	3	60
MH-1.8*20*3*60L	1.8	20	3	60
MH-1.81*20*3*60L	1.81	20	3	60
MH-1.82*20*3*60L	1.82	20	3	60
MH-1.83*20*3*60L	1.83	20	3	60
MH-1.84*20*3*60L	1.84	20	3	60
MH-1.85*20*3*60L	1.85	20	3	60
MH-1.86*20*3*60L	1.86	20	3	60
MH-1.87*20*3*60L	1.87	20	3	60
MH-1.88*20*3*60L	1.88	20	3	60
MH-1.89*20*3*60L	1.89	20	3	60
MH-1.9*20*3*60L	1.9	20	3	60
MH-1.91*20*3*60L	1.91	20	3	60
MH-1.92*20*3*60L	1.92	20	3	60
MH-1.93*20*3*60L	1.93	20	3	60
MH-1.94*20*3*60L	1.94	20	3	60
MH-1.95*20*3*60L	1.95	20	3	60
MH-1.96*20*3*60L	1.96	20	3	60
MH-1.97*20*3*60L	1.97	20	3	60
MH-1.98*20*3*60L	1.98	20	3	60
MH-1.99*20*3*60L	1.99	20	3	60
MH-2*20*3*60L	2	20	3	60
MH-2.01*25*3*60L	2.01	25	3	60
MH-2.02*25*3*60L	2.02	25	3	60
MH-2.03*25*3*60L	2.03	25	3	60
MH-2.04*25*3*60L	2.04	25	3	60
MH-2.05*25*3*60L	2.05	25	3	60
MH-2.06*25*3*60L	2.06	25	3	60
MH-2.07*25*3*60L	2.07	25	3	60
MH-2.08*25*3*60L	2.08	25	3	60
MH-2.09*25*3*60L	2.09	25	3	60

Solid carbide micro drills with coating long series (long service time)



Diameter range: $\Phi 0.04$ - $\Phi 3.0$ mm Diameter tolerance:
0-0.005mm $D \leq 1.0$ mm angle is 118° , $D \geq 1.0$ mm the angle is 135°

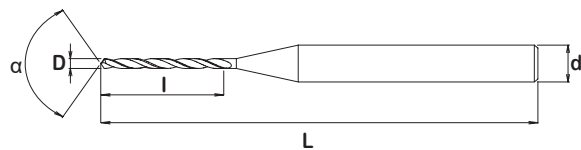
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
●	●	●	●	○	×	×	●	●	●	○	○	●	○	○	×	×	×	○	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.1*25*3*60L	2.1	25	3	60
MH-2.11*25*3*60L	2.11	25	3	60
MH-2.12*25*3*60L	2.12	25	3	60
MH-2.13*25*3*60L	2.13	25	3	60
MH-2.14*25*3*60L	2.14	25	3	60
MH-2.15*25*3*60L	2.15	25	3	60
MH-2.16*25*3*60L	2.16	25	3	60
MH-2.17*25*3*60L	2.17	25	3	60
MH-2.18*25*3*60L	2.18	25	3	60
MH-2.19*25*3*60L	2.19	25	3	60
MH-2.2*25*3*60L	2.2	25	3	60
MH-2.21*25*3*60L	2.21	25	3	60
MH-2.22*25*3*60L	2.22	25	3	60
MH-2.23*25*3*60L	2.23	25	3	60
MH-2.24*25*3*60L	2.24	25	3	60
MH-2.25*25*3*60L	2.25	25	3	60
MH-2.26*25*3*60L	2.26	25	3	60
MH-2.27*25*3*60L	2.27	25	3	60
MH-2.28*25*3*60L	2.28	25	3	60
MH-2.29*25*3*60L	2.29	25	3	60
MH-2.3*25*3*60L	2.3	25	3	60
MH-2.31*25*3*60L	2.31	25	3	60
MH-2.32*25*3*60L	2.32	25	3	60
MH-2.33*25*3*60L	2.33	25	3	60
MH-2.34*25*3*60L	2.34	25	3	60
MH-2.35*25*3*60L	2.35	25	3	60
MH-2.36*25*3*60L	2.36	25	3	60
MH-2.37*25*3*60L	2.37	25	3	60
MH-2.38*25*3*60L	2.38	25	3	60
MH-2.39*25*3*60L	2.39	25	3	60
MH-2.4*25*3*60L	2.4	25	3	60
MH-2.41*25*3*60L	2.41	25	3	60
MH-2.42*25*3*60L	2.42	25	3	60
MH-2.43*25*3*60L	2.43	25	3	60
MH-2.44*25*3*60L	2.44	25	3	60
MH-2.45*25*3*60L	2.45	25	3	60
MH-2.46*25*3*60L	2.46	25	3	60
MH-2.47*25*3*60L	2.47	25	3	60
MH-2.48*25*3*60L	2.48	25	3	60
MH-2.49*25*3*60L	2.49	25	3	60
MH-2.5*25*3*60L	2.5	25	3	60
MH-2.51*25*3*60L	2.51	25	3	60
MH-2.52*25*3*60L	2.52	25	3	60
MH-2.53*25*3*60L	2.53	25	3	60
MH-2.54*25*3*60L	2.54	25	3	60
MH-2.55*25*3*60L	2.55	25	3	60
MH-2.56*25*3*60L	2.56	25	3	60
MH-2.57*25*3*60L	2.57	25	3	60
MH-2.58*25*3*60L	2.58	25	3	60
MH-2.59*25*3*60L	2.59	25	3	60
MH-2.6*25*3*60L	2.6	25	3	60
MH-2.61*25*3*60L	2.61	25	3	60
MH-2.62*25*3*60L	2.62	25	3	60

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.63*25*3*60L	2.63	25	3	60
MH-2.64*25*3*60L	2.64	25	3	60
MH-2.65*25*3*60L	2.65	25	3	60
MH-2.66*25*3*60L	2.66	25	3	60
MH-2.67*25*3*60L	2.67	25	3	60
MH-2.68*25*3*60L	2.68	25	3	60
MH-2.69*25*3*60L	2.69	25	3	60
MH-2.7*25*3*60L	2.7	25	3	60
MH-2.71*25*3*60L	2.71	25	3	60
MH-2.72*25*3*60L	2.72	25	3	60
MH-2.73*25*3*60L	2.73	25	3	60
MH-2.74*25*3*60L	2.74	25	3	60
MH-2.75*25*3*60L	2.75	25	3	60
MH-2.76*25*3*60L	2.76	25	3	60
MH-2.77*25*3*60L	2.77	25	3	60
MH-2.78*25*3*60L	2.78	25	3	60
MH-2.79*25*3*60L	2.79	25	3	60
MH-2.8*25*3*60L	2.8	25	3	60
MH-2.81*25*3*60L	2.81	25	3	60
MH-2.82*25*3*60L	2.82	25	3	60
MH-2.83*25*3*60L	2.83	25	3	60
MH-2.84*25*3*60L	2.84	25	3	60
MH-2.85*25*3*60L	2.85	25	3	60
MH-2.86*25*3*60L	2.86	25	3	60
MH-2.87*25*3*60L	2.87	25	3	60
MH-2.88*25*3*60L	2.88	25	3	60
MH-2.89*25*3*60L	2.89	25	3	60
MH-2.9*25*3*60L	2.9	25	3	60
MH-2.91*25*3*60L	2.91	25	3	60
MH-2.92*25*3*60L	2.92	25	3	60
MH-2.93*25*3*60L	2.93	25	3	60
MH-2.94*25*3*60L	2.94	25	3	60
MH-2.95*25*3*60L	2.95	25	3	60
MH-2.96*25*3*60L	2.96	25	3	60
MH-2.97*25*3*60L	2.97	25	3	60
MH-2.98*25*3*60L	2.98	25	3	60
MH-2.99*25*3*60L	2.99	25	3	60
MH-3*25*3*60L	3	25	3	60

Solid carbide left-hand micro drills



Diameter range: $\Phi 0.15\text{-}\Phi 12.0\text{mm}$
Diameter tolerance: 0-0.003mm

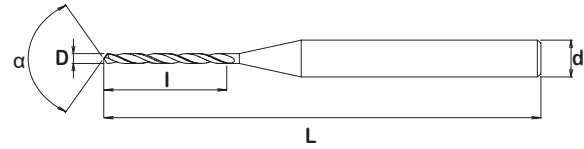
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
●	●	●	●	○	×	×	●	●	●	○	○	●	○	○	×	×	×	○	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1.8*20*3.2*50-T	1.80	20	3.2	50
MH-1.81*20*3.2*50-T	1.81	20	3.2	50
MH-1.82*20*3.2*50-T	1.82	20	3.2	50
MH-1.83*20*3.2*50-T	1.83	20	3.2	50
MH-1.84*20*3.2*50-T	1.84	20	3.2	50
MH-1.85*20*3.2*50-T	1.85	20	3.2	50
MH-1.86*20*3.2*50-T	1.86	20	3.2	50
MH-1.87*20*3.2*50-T	1.87	20	3.2	50
MH-1.88*20*3.2*50-T	1.88	20	3.2	50
MH-1.89*20*3.2*50-T	1.89	20	3.2	50
MH-1.9*20*3.2*50-T	1.90	20	3.2	50
MH-1.91*20*3.2*50-T	1.91	20	3.2	50
MH-1.92*20*3.2*50-T	1.92	20	3.2	50
MH-1.93*20*3.2*50-T	1.93	20	3.2	50
MH-1.94*20*3.2*50-T	1.94	20	3.2	50
MH-1.95*20*3.2*50-T	1.95	20	3.2	50
MH-1.96*20*3.2*50-T	1.96	20	3.2	50
MH-1.97*20*3.2*50-T	1.97	20	3.2	50
MH-1.98*20*3.2*50-T	1.98	20	3.2	50
MH-1.99*20*3.2*50-T	1.99	20	3.2	50
MH-2*20*3.2*50-T	2.00	20	3.2	50
MH-2.01*20*3.2*50-T	2.01	20	3.2	50
MH-2.02*20*3.2*50-T	2.02	20	3.2	50
MH-2.03*20*3.2*50-T	2.03	20	3.2	50
MH-2.04*20*3.2*50-T	2.04	20	3.2	50
MH-2.05*20*3.2*50-T	2.05	20	3.2	50
MH-2.06*20*3.2*50-T	2.06	20	3.2	50
MH-2.07*20*3.2*50-T	2.07	20	3.2	50
MH-2.08*20*3.2*50-T	2.08	20	3.2	50
MH-2.09*20*3.2*50-T	2.09	20	3.2	50
MH-2.1*20*3.2*50-T	2.10	20	3.2	50
MH-2.11*20*3.2*50-T	2.11	20	3.2	50
MH-2.12*20*3.2*50-T	2.12	20	3.2	50
MH-2.13*20*3.2*50-T	2.13	20	3.2	50
MH-2.14*20*3.2*50-T	2.14	20	3.2	50
MH-2.15*20*3.2*50-T	2.15	20	3.2	50
MH-2.16*20*3.2*50-T	2.16	20	3.2	50
MH-2.17*20*3.2*50-T	2.17	20	3.2	50
MH-2.18*20*3.2*50-T	2.18	20	3.2	50
MH-2.19*20*3.2*50-T	2.19	20	3.2	50
MH-2.2*20*3.2*50-T	2.20	20	3.2	50
MH-2.21*20*3.2*50-T	2.21	20	3.2	50
MH-2.22*20*3.2*50-T	2.22	20	3.2	50
MH-2.23*20*3.2*50-T	2.23	20	3.2	50
MH-2.24*20*3.2*50-T	2.24	20	3.2	50
MH-2.25*20*3.2*50-T	2.25	20	3.2	50
MH-2.26*20*3.2*50-T	2.26	20	3.2	50
MH-2.27*20*3.2*50-T	2.27	20	3.2	50
MH-2.28*20*3.2*50-T	2.28	20	3.2	50
MH-2.29*20*3.2*50-T	2.29	20	3.2	50
MH-2.3*20*3.2*50-T	2.30	20	3.2	50
MH-2.31*20*3.2*50-T	2.31	20	3.2	50
MH-2.32*20*3.2*50-T	2.32	20	3.2	50

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l *d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.33*20*3.2*50-T	2.33	20	3.2	50
MH-2.34*20*3.2*50-T	2.34	20	3.2	50
MH-2.35*20*3.2*50-T	2.35	20	3.2	50
MH-2.36*20*3.2*50-T	2.36	20	3.2	50
MH-2.37*20*3.2*50-T	2.37	20	3.2	50
MH-2.38*20*3.2*50-T	2.38	20	3.2	50
MH-2.39*20*3.2*50-T	2.39	20	3.2	50
MH-2.4*20*3.2*50-T	2.40	20	3.2	50
MH-2.41*20*3.2*50-T	2.41	20	3.2	50
MH-2.42*20*3.2*50-T	2.42	20	3.2	50
MH-2.43*20*3.2*50-T	2.43	20	3.2	50
MH-2.44*20*3.2*50-T	2.44	20	3.2	50
MH-2.45*20*3.2*50-T	2.45	20	3.2	50
MH-2.46*20*3.2*50-T	2.46	20	3.2	50
MH-2.47*20*3.2*50-T	2.47	20	3.2	50
MH-2.48*20*3.2*50-T	2.48	20	3.2	50
MH-2.49*20*3.2*50-T	2.49	20	3.2	50
MH-2.5*20*3.2*50-T	2.50	20	3.2	50
MH-2.51*20*3.2*50-T	2.51	20	3.2	50
MH-2.52*20*3.2*50-T	2.52	20	3.2	50
MH-2.53*20*3.2*50-T	2.53	20	3.2	50
MH-2.54*20*3.2*50-T	2.54	20	3.2	50
MH-2.55*20*3.2*50-T	2.55	20	3.2	50
MH-2.56*20*3.2*50-T	2.56	20	3.2	50
MH-2.57*20*3.2*50-T	2.57	20	3.2	50
MH-2.58*20*3.2*50-T	2.58	20	3.2	50
MH-2.59*20*3.2*50-T	2.59	20	3.2	50
MH-2.6*20*3.2*50-T	2.60	20	3.2	50
MH-2.61*20*3.2*50-T	2.61	20	3.2	50
MH-2.62*20*3.2*50-T	2.62	20	3.2	50
MH-2.63*20*3.2*50-T	2.63	20	3.2	50
MH-2.64*20*3.2*50-T	2.64	20	3.2	50
MH-2.65*20*3.2*50-T	2.65	20	3.2	50
MH-2.66*20*3.2*50-T	2.66	20	3.2	50
MH-2.67*20*3.2*50-T	2.67	20	3.2	50
MH-2.68*20*3.2*50-T	2.68	20	3.2	50
MH-2.69*20*3.2*50-T	2.69	20	3.2	50
MH-2.7*20*3.2*50-T	2.70	20	3.2	50
MH-2.71*20*3.2*50-T	2.71	20	3.2	50
MH-2.72*20*3.2*50-T	2.72	20	3.2	50
MH-2.73*20*3.2*50-T	2.73	20	3.2	50
MH-2.74*20*3.2*50-T	2.74	20	3.2	50
MH-2.75*20*3.2*50-T	2.75	20	3.2	50
MH-2.76*20*3.2*50-T	2.76	20	3.2	50
MH-2.77*20*3.2*50-T	2.77	20	3.2	50
MH-2.78*20*3.2*50-T	2.78	20	3.2	50
MH-2.79*20*3.2*50-T	2.79	20	3.2	50
MH-2.8*20*3.2*50-T	2.80	20	3.2	50
MH-2.81*20*3.2*50-T	2.81	20	3.2	50
MH-2.82*20*3.2*50-T	2.82	20	3.2	50
MH-2.83*20*3.2*50-T	2.83	20	3.2	50
MH-2.84*20*3.2*50-T	2.84	20	3.2	50
MH-2.85*20*3.2*50-T	2.85	20	3.2	50

Solid carbide left-hand micro drills



Diameter range: $\Phi 0.15$ - $\Phi 12.0$ mm
Diameter tolerance: 0-0.003mm

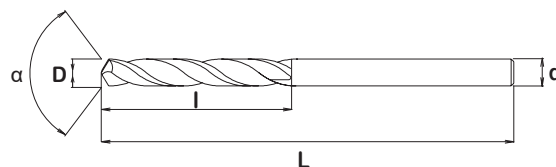
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
●	●	●	●	○	×	×	●	●	●	○	○	●	○	○	×	×	×	○	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-2.86*20*3.2*50-T	2.86	20	3.2	50
MH-2.87*20*3.2*50-T	2.87	20	3.2	50
MH-2.88*20*3.2*50-T	2.88	20	3.2	50
MH-2.89*20*3.2*50-T	2.89	20	3.2	50
MH-2.9*20*3.2*50-T	2.90	20	3.2	50
MH-2.91*20*3.2*50-T	2.91	20	3.2	50
MH-2.92*20*3.2*50-T	2.92	20	3.2	50
MH-2.93*20*3.2*50-T	2.93	20	3.2	50
MH-2.94*20*3.2*50-T	2.94	20	3.2	50
MH-2.95*20*3.2*50-T	2.95	20	3.2	50
MH-2.96*20*3.2*50-T	2.96	20	3.2	50
MH-2.97*20*3.2*50-T	2.97	20	3.2	50
MH-2.98*20*3.2*50-T	2.98	20	3.2	50
MH-2.99*20*3.2*50-T	2.99	20	3.2	50
MH-3*20*3.2*50-T	3.00	20	3.2	50
MH-3.01*20*3.2*50-T	3.01	20	3.2	50
MH-3.02*20*3.2*50-T	3.02	20	3.2	50
MH-3.03*20*3.2*50-T	3.03	20	3.2	50
MH-3.04*20*3.2*50-T	3.04	20	3.2	50
MH-3.05*20*3.2*50-T	3.05	20	3.2	50
MH-3.06*20*3.2*50-T	3.06	20	3.2	50
MH-3.07*20*3.2*50-T	3.07	20	3.2	50
MH-3.08*20*3.2*50-T	3.08	20	3.2	50
MH-3.09*20*3.2*50-T	3.09	20	3.2	50
MH-3.1*20*3.2*50-T	3.10	20	3.2	50
MH-3.11*20*3.2*50-T	3.11	20	3.2	50
MH-3.12*20*3.2*50-T	3.12	20	3.2	50
MH-3.13*20*3.2*50-T	3.13	20	3.2	50
MH-3.14*20*3.2*50-T	3.14	20	3.2	50
MH-3.15*20*3.2*50-T	3.15	20	3.2	50
MH-3.16*20*3.2*50-T	3.16	20	3.2	50
MH-3.17*20*3.2*50-T	3.17	20	3.2	50
MH-3.2*20*3.2*50-T	3.20	20	3.2	50
MH-3.25*20*3.2*50-T	3.25	20	3.2	50
MH-3.3*20*4*50-T	3.30	20	4	50
MH-3.35*20*4*50-T	3.35	20	4	50
MH-3.4*20*4*50-T	3.40	20	4	50
MH-3.45*20*4*50-T	3.45	20	4	50
MH-3.5*20*4*50-T	3.50	20	4	50
MH-3.55*20*4*50-T	3.55	20	4	50
MH-3.6*20*4*50-T	3.60	20	4	50
MH-3.65*20*4*50-T	3.65	20	4	50
MH-3.7*20*4*50-T	3.70	20	4	50
MH-3.75*20*4*50-T	3.75	20	4	50
MH-3.8*20*4*50-T	3.80	20	4	50
MH-3.85*20*4*50-T	3.85	20	4	50
MH-3.9*20*4*50-T	3.90	20	4	50
MH-3.95*20*4*50-T	3.95	20	4	50
MH-4*20*4*50-T	4.00	20	4	50
MH-4.05*25*6*60-T	4.05	25	6	60
MH-4.1*25*6*60-T	4.10	25	6	60
MH-4.15*25*6*60-T	4.15	25	6	60
MH-4.2*25*6*60-T	4.20	25	6	60

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-4.25*25*6*60-T	4.25	25	6	60
MH-4.3*25*6*60-T	4.30	25	6	60
MH-4.35*25*6*60-T	4.35	25	6	60
MH-4.4*25*6*60-T	4.40	25	6	60
MH-4.45*25*6*60-T	4.45	25	6	60
MH-4.5*25*6*60-T	4.50	25	6	60
MH-4.55*25*6*60-T	4.55	25	6	60
MH-4.6*25*6*60-T	4.60	25	6	60
MH-4.65*25*6*60-T	4.65	25	6	60
MH-4.7*25*6*60-T	4.70	25	6	60
MH-4.75*25*6*60-T	4.75	25	6	60
MH-4.8*25*6*60-T	4.80	25	6	60
MH-4.85*25*6*60-T	4.85	25	6	60
MH-4.9*25*6*60-T	4.90	25	6	60
MH-4.95*25*6*60-T	4.95	25	6	60
MH-5*25*6*60-T	5.00	25	6	60
MH-5.05*25*6*60-T	5.05	25	6	60
MH-5.1*25*6*60-T	5.10	25	6	60
MH-5.15*25*6*60-T	5.15	25	6	60
MH-5.2*25*6*60-T	5.20	25	6	60
MH-5.25*25*6*60-T	5.25	25	6	60
MH-5.3*25*6*60-T	5.30	25	6	60
MH-5.35*25*6*60-T	5.35	25	6	60
MH-5.4*25*6*60-T	5.40	25	6	60
MH-5.45*25*6*60-T	5.45	25	6	60
MH-5.5*25*6*60-T	5.50	25	6	60
MH-5.55*25*6*60-T	5.55	25	6	60
MH-5.6*25*6*60-T	5.60	25	6	60
MH-5.65*25*6*60-T	5.65	25	6	60
MH-5.7*25*6*60-T	5.70	25	6	60
MH-5.75*25*6*60-T	5.75	25	6	60
MH-5.8*25*6*60-T	5.80	25	6	60
MH-5.85*25*6*60-T	5.85	25	6	60
MH-5.9*25*6*60-T	5.90	25	6	60
MH-5.95*25*6*60-T	5.95	25	6	60
MH-6*25*6*60-T	6.00	25	6	60

Standard Solid carbide drills



Diameter range: $\Phi 0.4\text{-}\Phi 12.0\text{mm}$
Diameter tolerance: 0-0.005mm

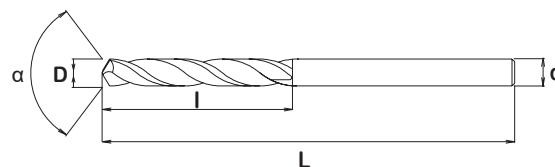
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.4*5*0.4*50	0.40	5	0.4	50
MH-0.45*5*0.45*50	0.45	5	0.45	50
MH-0.5*5*0.5*50	0.50	5	0.5	50
MH-0.55*5*0.55*50	0.55	5	0.55	50
MH-0.6*7*0.6*50	0.60	7	0.6	50
MH-0.65*7*0.65*50	0.65	7	0.65	50
MH-0.7*10*0.7*50	0.70	10	0.7	50
MH-0.75*10*0.75*50	0.75	10	0.75	50
MH-0.8*10*0.8*50	0.80	10	0.8	50
MH-0.85*10*0.85*50	0.85	10	0.85	50
MH-0.9*10*0.9*50	0.90	10	0.9	50
MH-0.95*10*0.95*50	0.95	10	0.95	50
MH-1*12*1*50	1.00	12	1	50
MH-1.05*12*1.05*60	1.05	12	1.05	60
MH-1.1*12*1.1*60	1.10	12	1.1	60
MH-1.15*12*1.15*60	1.15	12	1.15	60
MH-1.2*12*1.2*60	1.20	12	1.2	60
MH-1.25*15*1.25*60	1.25	15	1.25	60
MH-1.3*15*1.3*60	1.30	15	1.3	60
MH-1.35*15*1.35*60	1.35	15	1.35	60
MH-1.4*15*1.4*60	1.40	15	1.4	60
MH-1.45*15*1.45*60	1.45	15	1.45	60
MH-1.5*15*1.5*60	1.50	15	1.5	60
MH-1.55*15*1.55*60	1.55	15	1.55	60
MH-1.6*15*1.6*60	1.60	15	1.6	60
MH-1.65*15*1.65*60	1.65	15	1.65	60
MH-1.7*18*1.7*60	1.70	18	1.7	60
MH-1.75*18*1.75*60	1.75	18	1.75	60
MH-1.8*18*1.8*60	1.80	18	1.8	60
MH-1.85*18*1.85*60	1.85	18	1.85	60
MH-1.9*18*1.9*60	1.90	18	1.9	60
MH-1.95*18*1.95*60	1.95	18	1.95	60
MH-2*18*2*60	2.00	18	2	60
MH-2.05*20*2.05*60	2.05	20	2.05	60
MH-2.1*20*2.1*60	2.10	20	2.1	60
MH-2.15*20*2.15*60	2.15	20	2.15	60
MH-2.2*20*2.2*60	2.20	20	2.2	60
MH-2.25*20*2.25*60	2.25	20	2.25	60
MH-2.3*20*2.3*60	2.30	20	2.3	60
MH-2.35*20*2.35*60	2.35	20	2.35	60
MH-2.4*20*2.4*60	2.40	20	2.4	60
MH-2.45*20*2.45*60	2.45	20	2.45	60
MH-2.5*20*2.5*60	2.50	20	2.5	60
MH-2.55*20*2.55*60	2.55	20	2.55	60
MH-2.6*20*2.6*60	2.60	20	2.6	60
MH-2.65*20*2.65*60	2.65	20	2.65	60
MH-2.7*20*2.7*60	2.70	20	2.7	60
MH-2.75*20*2.75*60	2.75	20	2.75	60
MH-2.8*20*2.8*60	2.80	20	2.8	60
MH-2.85*20*2.85*60	2.85	20	2.85	60
MH-2.9*20*2.9*60	2.90	20	2.9	60
MH-2.95*20*2.95*60	2.95	20	2.95	60
MH-3*25*3*75	3.00	25	3	75

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-3.05*25*3.05*75	3.05	25	3.05	75
MH-3.1*25*3.1*75	3.10	25	3.1	75
MH-3.15*25*3.15*75	3.15	25	3.15	75
MH-3.2*25*3.2*75	3.20	25	3.2	75
MH-3.25*25*3.25*75	3.25	25	3.25	75
MH-3.3*25*3.3*75	3.30	25	3.3	75
MH-3.35*25*3.35*75	3.35	25	3.35	75
MH-3.4*25*3.4*75	3.40	25	3.4	75
MH-3.45*25*3.45*75	3.45	25	3.45	75
MH-3.5*25*3.5*75	3.50	25	3.5	75
MH-3.55*25*3.55*75	3.55	25	3.55	75
MH-3.6*25*3.6*75	3.60	25	3.6	75
MH-3.65*27*3.65*75	3.65	27	3.65	75
MH-3.7*27*3.7*75	3.70	27	3.7	75
MH-3.75*27*3.75*75	3.75	27	3.75	75
MH-3.8*27*3.8*75	3.80	27	3.8	75
MH-3.85*27*3.85*75	3.85	27	3.85	75
MH-3.9*27*3.9*75	3.90	27	3.9	75
MH-3.95*27*3.95*75	3.95	27	3.95	75
MH-4*27*4*75	4.00	27	4	75
MH-4.05*27*4.05*75	4.05	27	4.05	75
MH-4.1*30*4.1*100	4.10	30	4.1	100
MH-4.15*30*4.15*100	4.15	30	4.15	100
MH-4.2*30*4.2*100	4.20	30	4.2	100
MH-4.25*30*4.25*100	4.25	30	4.25	100
MH-4.3*30*4.3*100	4.30	30	4.3	100
MH-4.35*30*4.35*100	4.35	30	4.35	100
MH-4.4*30*4.4*100	4.40	30	4.4	100
MH-4.45*30*4.45*100	4.45	30	4.45	100
MH-4.5*30*4.5*100	4.50	30	4.5	100
MH-4.55*30*4.55*100	4.55	30	4.55	100
MH-4.6*30*4.6*100	4.60	30	4.6	100
MH-4.65*30*4.65*100	4.65	30	4.65	100
MH-4.7*30*4.7*100	4.70	30	4.7	100
MH-4.75*30*4.75*100	4.75	30	4.75	100
MH-4.8*30*4.8*100	4.80	30	4.8	100
MH-4.85*30*4.85*100	4.85	30	4.85	100
MH-4.9*30*4.9*100	4.90	30	4.9	100
MH-4.95*30*4.95*100	4.95	30	4.95	100
MH-5*40*5*100	5.00	40	5	100
MH-5.05*40*5.05*100	5.05	40	5.05	100
MH-5.1*40*5.1*100	5.10	40	5.1	100
MH-5.15*40*5.15*100	5.15	40	5.15	100
MH-5.2*40*5.2*100	5.20	40	5.2	100
MH-5.25*40*5.25*100	5.25	40	5.25	100
MH-5.3*40*5.3*100	5.30	40	5.3	100
MH-5.35*40*5.35*100	5.35	40	5.35	100
MH-5.4*40*5.4*100	5.40	40	5.4	100
MH-5.45*40*5.45*100	5.45	40	5.45	100
MH-5.5*40*5.5*100	5.50	40	5.5	100
MH-5.55*40*5.55*100	5.55	40	5.55	100
MH-5.6*40*5.6*100	5.60	40	5.6	100
MH-5.65*40*5.65*100	5.65	40	5.65	100

Standard Solid carbide drills



Diameter range: $\Phi 0.4$ - $\Phi 12.0$ mm
Diameter tolerance: 0-0.005mm

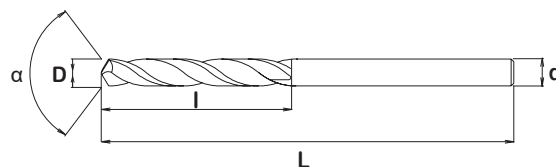
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○	●

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-5.7*40*5.7*100	5.70	40	5.7	100
MH-5.75*40*5.75*100	5.75	40	5.75	100
MH-5.8*40*5.8*100	5.80	40	5.8	100
MH-5.85*40*5.85*100	5.85	40	5.85	100
MH-5.9*40*5.9*100	5.90	40	5.9	100
MH-5.95*40*5.95*100	5.95	40	5.95	100
MH-6*40*6*100	6.00	40	6	100
MH-6.05*40*6.05*100	6.05	40	6.05	100
MH-6.1*40*6.1*100	6.10	40	6.1	100
MH-6.15*40*6.15*100	6.15	40	6.15	100
MH-6.2*40*6.2*100	6.20	40	6.2	100
MH-6.25*40*6.25*100	6.25	40	6.25	100
MH-6.3*40*6.3*100	6.30	40	6.3	100
MH-6.35*40*6.35*100	6.35	40	6.35	100
MH-6.4*40*6.4*100	6.40	40	6.4	100
MH-6.45*40*6.45*100	6.45	40	6.45	100
MH-6.5*40*6.5*100	6.50	40	6.5	100
MH-6.55*40*6.55*100	6.55	40	6.55	100
MH-6.6*40*6.6*100	6.60	40	6.6	100
MH-6.65*40*6.65*100	6.65	40	6.65	100
MH-6.7*40*6.7*100	6.70	40	6.7	100
MH-6.75*40*6.75*100	6.75	40	6.75	100
MH-6.8*40*6.8*100	6.80	40	6.8	100
MH-6.85*40*6.85*100	6.85	40	6.85	100
MH-6.9*40*6.9*100	6.90	40	6.9	100
MH-6.95*40*6.95*100	6.95	40	6.95	100
MH-7*40*7*100	7.00	40	7	100
MH-7.05*40*7.05*100	7.05	40	7.05	100
MH-7.1*40*7.1*100	7.10	40	7.1	100
MH-7.15*40*7.15*100	7.15	40	7.15	100
MH-7.2*40*7.2*100	7.20	40	7.2	100
MH-7.25*40*7.25*100	7.25	40	7.25	100
MH-7.3*40*7.3*100	7.30	40	7.3	100
MH-7.35*40*7.35*100	7.35	40	7.35	100
MH-7.4*40*7.4*100	7.40	40	7.4	100
MH-7.45*40*7.45*100	7.45	40	7.45	100
MH-7.5*40*7.5*100	7.50	40	7.5	100
MH-7.55*40*7.55*100	7.55	40	7.55	100
MH-7.6*40*7.6*100	7.60	40	7.6	100
MH-7.65*40*7.65*100	7.65	40	7.65	100
MH-7.7*40*7.7*100	7.70	40	7.7	100
MH-7.75*40*7.75*100	7.75	40	7.75	100
MH-7.8*40*7.8*100	7.80	40	7.8	100
MH-7.85*40*7.85*100	7.85	40	7.85	100
MH-7.9*40*7.9*100	7.90	40	7.9	100
MH-7.95*40*7.95*100	7.95	40	7.95	100
MH-8*40*8*100	8.00	40	8	100
MH-8.05*40*8.05*100	8.05	40	8.05	100
MH-8.1*40*8.1*100	8.10	40	8.1	100
MH-8.15*40*8.15*100	8.15	40	8.15	100
MH-8.2*40*8.2*100	8.20	40	8.2	100
MH-8.25*40*8.25*100	8.25	40	8.25	100
MH-8.3*40*8.3*100	8.30	40	8.3	100

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-8.35*40*8.35*100	8.35	40	8.35	100
MH-8.4*40*8.4*100	8.40	40	8.4	100
MH-8.45*40*8.45*100	8.45	40	8.45	100
MH-8.5*40*8.5*100	8.50	40	8.5	100
MH-8.55*40*8.55*100	8.55	40	8.55	100
MH-8.6*40*8.6*100	8.60	40	8.6	100
MH-8.65*40*8.65*100	8.65	40	8.65	100
MH-8.7*40*8.7*100	8.70	40	8.7	100
MH-8.75*40*8.75*100	8.75	40	8.75	100
MH-8.8*40*8.8*100	8.80	40	8.8	100
MH-8.85*40*8.85*100	8.85	40	8.85	100
MH-8.9*40*8.9*100	8.90	40	8.9	100
MH-8.95*40*8.95*100	8.95	40	8.95	100
MH-9*40*9*100	9.00	40	9	100
MH-9.05*40*9.05*100	9.05	40	9.05	100
MH-9.1*40*9.1*100	9.10	40	9.1	100
MH-9.15*40*9.15*100	9.15	40	9.15	100
MH-9.2*40*9.2*100	9.20	40	9.2	100
MH-9.25*40*9.25*100	9.25	40	9.25	100
MH-9.3*40*9.3*100	9.30	40	9.3	100
MH-9.35*40*9.35*100	9.35	40	9.35	100
MH-9.4*40*9.4*100	9.40	40	9.4	100
MH-9.45*40*9.45*100	9.45	40	9.45	100
MH-9.5*40*9.5*100	9.50	40	9.5	100
MH-9.55*40*9.55*100	9.55	40	9.55	100
MH-9.6*40*9.6*100	9.60	40	9.6	100
MH-9.65*40*9.65*100	9.65	40	9.65	100
MH-9.7*40*9.7*100	9.70	40	9.7	100
MH-9.75*40*9.75*100	9.75	40	9.75	100
MH-9.8*40*9.8*100	9.80	40	9.8	100
MH-9.85*40*9.85*100	9.85	40	9.85	100
MH-9.9*40*9.9*100	9.90	40	9.9	100
MH-9.95*40*9.95*100	9.95	40	9.95	100

Standard Solid carbide drills with coating



Diameter range: $\Phi 0.4\text{-}\Phi 12.0\text{mm}$
Diameter tolerance: 0-0.005mm

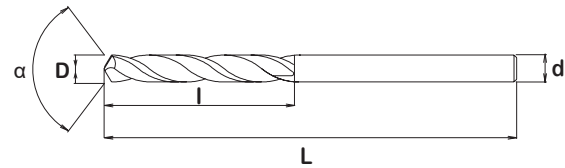
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.4*5*0.4*50-T	0.40	5	0.4	50
MH-0.45*5*0.45*50-T	0.45	5	0.45	50
MH-0.5*5*0.5*50-T	0.50	5	0.5	50
MH-0.55*5*0.55*50-T	0.55	5	0.55	50
MH-0.6*7*0.6*50-T	0.60	7	0.6	50
MH-0.65*7*0.65*50-T	0.65	7	0.65	50
MH-0.7*10*0.7*50-T	0.70	10	0.7	50
MH-0.75*10*0.75*50-T	0.75	10	0.75	50
MH-0.8*10*0.8*50-T	0.80	10	0.8	50
MH-0.85*10*0.85*50-T	0.85	10	0.85	50
MH-0.9*10*0.9*50-T	0.90	10	0.9	50
MH-0.95*10*0.95*50-T	0.95	10	0.95	50
MH-1*12*1*50-T	1.00	12	1	50
MH-1.05*12*1.05*60-T	1.05	12	1.05	60
MH-1.1*12*1.1*60-T	1.10	12	1.1	60
MH-1.15*12*1.15*60-T	1.15	12	1.15	60
MH-1.2*12*1.2*60-T	1.20	12	1.2	60
MH-1.25*15*1.25*60-T	1.25	15	1.25	60
MH-1.3*15*1.3*60-T	1.30	15	1.3	60
MH-1.35*15*1.35*60-T	1.35	15	1.35	60
MH-1.4*15*1.4*60-T	1.40	15	1.4	60
MH-1.45*15*1.45*60-T	1.45	15	1.45	60
MH-1.5*15*1.5*60-T	1.50	15	1.5	60
MH-1.55*15*1.55*60-T	1.55	15	1.55	60
MH-1.6*15*1.6*60-T	1.60	15	1.6	60
MH-1.65*15*1.65*60-T	1.65	15	1.65	60
MH-1.7*18*1.7*60-T	1.70	18	1.7	60
MH-1.75*18*1.75*60-T	1.75	18	1.75	60
MH-1.8*18*1.8*60-T	1.80	18	1.8	60
MH-1.85*18*1.85*60-T	1.85	18	1.85	60
MH-1.9*18*1.9*60-T	1.90	18	1.9	60
MH-1.95*18*1.95*60-T	1.95	18	1.95	60
MH-2*18*2*60-T	2.00	18	2	60
MH-2.05*20*2.05*60-T	2.05	20	2.05	60
MH-2.1*20*2.1*60-T	2.10	20	2.1	60
MH-2.15*20*2.15*60-T	2.15	20	2.15	60
MH-2.2*20*2.2*60-T	2.20	20	2.2	60
MH-2.25*20*2.25*60-T	2.25	20	2.25	60
MH-2.3*20*2.3*60-T	2.30	20	2.3	60
MH-2.35*20*2.35*60-T	2.35	20	2.35	60
MH-2.4*20*2.4*60-T	2.40	20	2.4	60
MH-2.45*20*2.45*60-T	2.45	20	2.45	60
MH-2.5*20*2.5*60-T	2.50	20	2.5	60
MH-2.55*20*2.55*60-T	2.55	20	2.55	60
MH-2.6*20*2.6*60-T	2.60	20	2.6	60
MH-2.65*20*2.65*60-T	2.65	20	2.65	60
MH-2.7*20*2.7*60-T	2.70	20	2.7	60
MH-2.75*20*2.75*60-T	2.75	20	2.75	60
MH-2.8*20*2.8*60-T	2.80	20	2.8	60
MH-2.85*20*2.85*60-T	2.85	20	2.85	60
MH-2.9*20*2.9*60-T	2.90	20	2.9	60
MH-2.95*20*2.95*60-T	2.95	20	2.95	60
MH-3*25*3*75-T	3.00	25	3	75

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-3.05*25*3.05*75-T	1.55	10	3	38
MH-3.1*25*3.1*75-T	1.56	10	3	38
MH-3.15*25*3.15*75-T	1.57	10	3	38
MH-3.2*25*3.2*75-T	1.58	10	3	38
MH-3.25*25*3.25*75-T	1.59	10	3	38
MH-3.3*25*3.3*75-T	1.6	12	3	38
MH-3.35*25*3.35*75-T	1.61	12	3	38
MH-3.4*25*3.4*75-T	1.62	12	3	38
MH-3.45*25*3.45*75-T	1.63	12	3	38
MH-3.5*25*3.5*75-T	1.64	12	3	38
MH-3.55*25*3.55*75-T	1.65	12	3	38
MH-3.6*25*3.6*75-T	1.66	12	3	38
MH-3.65*27*3.65*75-T	1.67	12	3	38
MH-3.7*27*3.7*75-T	1.68	12	3	38
MH-3.75*27*3.75*75-T	1.69	12	3	38
MH-3.8*27*3.8*75-T	1.7	12	3	38
MH-3.85*27*3.85*75-T	1.71	12	3	38
MH-3.9*27*3.9*75-T	1.72	12	3	38
MH-3.95*27*3.95*75-T	1.73	12	3	38
MH-4*27*4*75-T	1.74	12	3	38
MH-4.05*30*4.05*100-T	1.75	12	3	38
MH-4.1*30*4.1*100-T	1.76	12	3	38
MH-4.15*30*4.15*100-T	1.77	12	3	38
MH-4.2*30*4.2*100-T	1.78	12	3	38
MH-4.25*30*4.25*100-T	1.79	12	3	38
MH-4.3*30*4.3*100-T	1.8	12	3	38
MH-4.35*30*4.35*100-T	1.81	12	3	38
MH-4.4*30*4.4*100-T	1.82	12	3	38
MH-4.45*30*4.45*100-T	1.83	12	3	38
MH-4.5*30*4.5*100-T	1.84	12	3	38
MH-4.55*30*4.55*100-T	1.85	12	3	38
MH-4.6*30*4.6*100-T	1.86	12	3	38
MH-4.65*30*4.65*100-T	1.87	12	3	38
MH-4.7*30*4.7*100-T	1.88	12	3	38
MH-4.75*30*4.75*100-T	1.89	12	3	38
MH-4.8*30*4.8*100-T	1.9	12	3	38
MH-4.85*30*4.85*100-T	1.91	12	3	38
MH-4.9*30*4.9*100-T	1.92	12	3	38
MH-4.95*30*4.95*100-T	1.93	12	3	38
MH-5*40*5*100-T	1.94	12	3	38
MH-5.05*40*5.05*100-T	1.95	12	3	38
MH-5.1*40*5.1*100-T	1.96	12	3	38
MH-5.15*40*5.15*100-T	1.97	12	3	38
MH-5.2*40*5.2*100-T	1.98	12	3	38
MH-5.25*40*5.25*100-T	1.99	12	3	38
MH-5.3*40*5.3*100-T	2	12	3	38
MH-5.35*40*5.35*100-T	2.01	12	3	38
MH-5.4*40*5.4*100-T	2.02	12	3	38
MH-5.45*40*5.45*100-T	2.03	12	3	38
MH-5.5*40*5.5*100-T	2.04	12	3	38
MH-5.55*40*5.55*100-T	2.05	12	3	38
MH-5.6*40*5.6*100-T	2.06	12	3	38
MH-5.65*40*5.65*100-T	2.07	12	3	38

Standard Solid carbide drills with coating



Diameter range: $\Phi 0.4$ - $\Phi 12.0$ mm
Diameter tolerance: 0-0.005mm

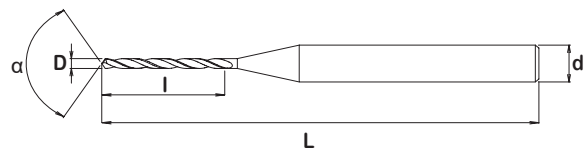
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-5.7*40*5.7*100-T	0.03	0.3	3	38
MH-5.75*40*5.75*100-T	0.035	0.35	3	38
MH-5.8*40*5.8*100-T	0.04	0.4	3	38
MH-5.85*40*5.85*100-T	0.045	0.45	3	38
MH-5.9*40*5.9*100-T	0.05	0.5	3	38
MH-5.95*40*5.95*100-T	0.055	0.55	3	38
MH-6*40*6*100-T	0.06	0.6	3	38
MH-6.05*40*6.05*100-T	0.065	0.65	3	38
MH-6.1*40*6.1*100-T	0.07	0.7	3	38
MH-6.15*40*6.15*100-T	0.075	0.75	3	38
MH-6.2*40*6.2*100-T	0.08	0.8	3	38
MH-6.25*40*6.25*100-T	0.085	0.85	3	38
MH-6.3*40*6.3*100-T	0.09	0.9	3	38
MH-6.35*40*6.35*100-T	0.095	0.95	3	38
MH-6.4*40*6.4*100-T	0.1	1	3	38
MH-6.45*40*6.45*100-T	0.11	1	3	38
MH-6.5*40*6.45*100-T	0.12	1	3	38
MH-6.55*40*6.45*100-T	0.13	1.5	3	38
MH-6.6*40*6.45*100-T	0.14	1.5	3	38
MH-6.65*40*6.45*100-T	0.15	1.5	3	38
MH-6.7*40*6.45*100-T	0.16	2	3	38
MH-6.75*40*6.45*100-T	0.17	2	3	38
MH-6.8*40*6.45*100-T	0.18	2	3	38
MH-6.85*40*6.45*100-T	0.19	2	3	38
MH-6.9*40*6.45*100-T	0.2	2	3	38
MH-6.95*40*6.45*100-T	0.21	2.5	3	38
MH-7*40*6.45*100-T	0.22	2.5	3	38
MH-7.05*40*6.45*100-T	0.23	2.5	3	38
MH-7.1*40*6.45*100-T	0.24	2.5	3	38
MH-7.15*40*6.45*100-T	0.25	2.5	3	38
MH-7.2*40*6.45*100-T	0.26	3	3	38
MH-7.25*40*6.45*100-T	0.27	3	3	38
MH-7.3*40*6.45*100-T	0.28	3	3	38
MH-7.35*40*6.45*100-T	0.29	3	3	38
MH-7.4*40*6.45*100-T	0.3	3	3	38
MH-7.45*40*6.45*100-T	0.31	3	3	38
MH-7.5*40*6.45*100-T	0.32	3	3	38
MH-7.55*40*6.45*100-T	0.33	3	3	38
MH-7.6*40*6.45*100-T	0.34	3	3	38
MH-7.65*40*6.45*100-T	0.35	3	3	38
MH-7.7*40*6.45*100-T	0.36	3	3	38
MH-7.75*40*6.45*100-T	0.37	3	3	38
MH-7.8*40*6.45*100-T	0.38	3	3	38
MH-7.85*40*6.45*100-T	0.39	3	3	38
MH-7.9*40*6.45*100-T	0.4	4	3	38
MH-7.95*40*6.45*100-T	0.41	4	3	38
MH-8*40*6.45*100-T	0.42	4	3	38
MH-8.05*40*6.45*100-T	0.43	4	3	38
MH-8.1*40*6.45*100-T	0.44	4	3	38
MH-8.15*40*6.45*100-T	0.45	4	3	38
MH-8.2*40*6.45*100-T	0.46	4	3	38
MH-8.25*40*6.45*100-T	0.47	4	3	38
MH-8.3*40*6.45*100-T	0.48	4	3	38

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-8.35*40*6.45*100-T	0.49	4	3	38
MH-8.4*40*6.45*100-T	0.5	5	3	38
MH-8.45*40*6.45*100-T	0.51	5	3	38
MH-8.5*40*6.45*100-T	0.52	5	3	38
MH-8.55*40*6.45*100-T	0.53	5	3	38
MH-8.6*40*6.45*100-T	0.54	5	3	38
MH-8.65*40*6.45*100-T	0.55	5	3	38
MH-8.7*40*6.45*100-T	0.56	5	3	38
MH-8.75*40*6.45*100-T	0.57	5	3	38
MH-8.8*40*6.45*100-T	0.58	5	3	38
MH-8.85*40*6.45*100-T	0.59	5	3	38
MH-8.9*40*6.45*100-T	0.6	6	3	38
MH-8.95*40*6.45*100-T	0.61	6	3	38
MH-9*40*6.45*100-T	0.62	6	3	38
MH-9.05*40*6.45*100-T	0.63	6	3	38
MH-9.1*40*6.45*100-T	0.64	6	3	38
MH-9.15*40*6.45*100-T	0.65	6	3	38
MH-9.2*40*6.45*100-T	0.66	6	3	38
MH-9.25*40*6.45*100-T	0.67	6	3	38
MH-9.3*40*6.45*100-T	0.68	6	3	38
MH-9.35*40*6.45*100-T	0.69	6	3	38
MH-9.4*40*6.45*100-T	0.7	6	3	38
MH-9.45*40*6.45*100-T	0.71	6	3	38
MH-9.5*40*6.45*100-T	0.72	6	3	38
MH-9.55*40*6.45*100-T	0.73	6	3	38
MH-9.6*40*6.45*100-T	0.74	6	3	38
MH-9.65*40*6.45*100-T	0.75	6	3	38
MH-9.7*40*6.45*100-T	0.76	6	3	38
MH-9.75*40*6.45*100-T	0.77	6	3	38
MH-9.8*40*6.45*100-T	0.78	6	3	38
MH-9.85*40*6.45*100-T	0.79	6	3	38
MH-9.9*40*6.45*100-T	0.8	6	3	38
MH-9.95*40*6.45*100-T	0.81	6	3	38

Solid carbide micro drills for Aluminum



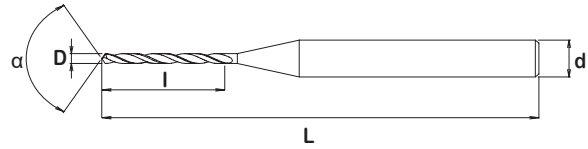
Diameter range: $\Phi 1\text{-}\Phi 16.0\text{mm}$
Diameter tolerance: 0-0.005mm

Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminum alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○	● Suitable ○ Acceptable × Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1*13*4*50L	1	13	4	50
MH-1.1*13*4*50L	1.1	13	4	50
MH-1.2*13*4*50L	1.2	13	4	50
MH-1.3*13*4*50L	1.3	13	4	50
MH-1.4*13*4*50L	1.4	13	4	50
MH-1.5*13*4*50L	1.5	13	4	50
MH-1.6*20*4*50L	1.6	20	4	50
MH-1.7*20*4*50L	1.7	20	4	50
MH-1.8*20*4*50L	1.8	20	4	50
MH-1.9*20*4*50L	1.9	20	4	50
MH-2*20*4*50L	2	20	4	50
MH-2.1*22*4*75L	2.1	22	4	75
MH-2.2*22*4*75L	2.2	22	4	75
MH-2.3*22*4*75L	2.3	22	4	75
MH-2.4*22*4*75L	2.4	22	4	75
MH-2.5*22*4*75L	2.5	22	4	75
MH-2.6*26*4*75L	2.6	26	4	75
MH-2.7*26*4*75L	2.7	26	4	75
MH-2.8*28*4*75L	2.8	28	4	75
MH-2.9*28*4*75L	2.9	28	4	75
MH-3*28*4*75L	3	28	4	75
MH-3.1*28*4*75L	3.1	28	4	75
MH-3.2*28*4*75L	3.2	28	4	75
MH-3.3*28*4*75L	3.3	28	4	75
MH-3.4*28*4*75L	3.4	28	4	75
MH-3.5*28*4*75L	3.5	28	4	75
MH-3.6*32*4*75L	3.6	32	4	75
MH-3.7*32*4*75L	3.7	32	4	75
MH-3.8*32*4*75L	3.8	32	4	75
MH-3.9*32*4*75L	3.9	32	4	75
MH-4*32*4*75L	4	32	4	75
MH-4.1*36*6*75L	4.1	36	6	75
MH-4.2*36*6*75L	4.2	36	6	75
MH-4.3*36*6*75L	4.3	36	6	75
MH-4.4*36*6*75L	4.4	36	6	75
MH-4.5*36*6*75L	4.5	36	6	75
MH-4.6*36*6*75L	4.6	36	6	75
MH-4.7*36*6*75L	4.7	36	6	75
MH-4.8*36*6*75L	4.8	36	6	75
MH-4.9*36*6*75L	4.9	36	6	75
MH-5*36*6*75L	5	36	6	75
MH-5.1*40*6*75L	5.1	40	6	75
MH-5.2*40*6*75L	5.2	40	6	75
MH-5.3*40*6*75L	5.3	40	6	75
MH-5.4*40*6*75L	5.4	40	6	75
MH-5.5*40*6*75L	5.5	40	6	75
MH-5.6*40*6*75L	5.6	40	6	75
MH-5.7*40*6*75L	5.7	40	6	75
MH-5.8*40*6*75L	5.8	40	6	75
MH-5.9*40*6*75L	5.9	40	6	75
MH-6*40*6*75L	6	40	6	75
MH-6.1*48*8*100L	6.1	48	8	100
MH-6.2*48*8*100L	6.2	48	8	100

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-6.3*48*8*100L	6.3	48	8	100
MH-6.4*48*8*100L	6.4	48	8	100
MH-6.5*48*8*100L	6.5	48	8	100
MH-6.6*48*8*100L	6.6	48	8	100
MH-6.7*48*8*100L	6.7	48	8	100
MH-6.8*48*8*100L	6.8	48	8	100
MH-6.9*48*8*100L	6.9	48	8	100
MH-7*48*8*100L	7	48	8	100
MH-7.1*50*8*100L	7.1	50	8	100
MH-7.2*50*8*100L	7.2	50	8	100
MH-7.3*50*8*100L	7.3	50	8	100
MH-7.4*50*8*100L	7.4	50	8	100
MH-7.5*50*8*100L	7.5	50	8	100
MH-7.6*50*8*100L	7.6	50	8	100
MH-7.7*50*8*100L	7.7	50	8	100
MH-7.8*50*8*100L	7.8	50	8	100
MH-7.9*50*8*100L	7.9	50	8	100
MH-8*50*8*100L	8	50	8	100
MH-8.1*56*10*100L	8.1	56	10	100
MH-8.2*56*10*100L	8.2	56	10	100
MH-8.3*56*10*100L	8.3	56	10	100
MH-8.4*56*10*100L	8.4	56	10	100
MH-8.5*56*10*100L	8.5	56	10	100
MH-8.6*56*10*100L	8.6	56	10	100
MH-8.7*56*10*100L	8.7	56	10	100
MH-8.8*56*10*100L	8.8	56	10	100
MH-8.9*56*10*100L	8.9	56	10	100
MH-9*56*10*100L	9	56	10	100
MH-9.1*58*10*100L	9.1	58	10	100
MH-9.2*58*10*100L	9.2	58	10	100
MH-9.3*58*10*100L	9.3	58	10	100
MH-9.4*58*10*100L	9.4	58	10	100
MH-9.5*58*10*100L	9.5	58	10	100
MH-9.6*58*10*100L	9.6	58	10	100
MH-9.7*58*10*100L	9.7	58	10	100
MH-9.8*58*10*100L	9.8	58	10	100
MH-9.9*58*10*100L	9.9	58	10	100
MH-10*58*10*100L	10	58	10	100
MH-10.1*60*12*100L	10.1	60	12	100
MH-10.2*60*12*100L	10.2	60	12	100
MH-10.3*60*12*100L	10.3	60	12	100
MH-10.4*60*12*100L	10.4	60	12	100
MH-10.5*60*12*100L	10.5	60	12	100
MH-10.6*60*12*100L	10.6	60	12	100
MH-10.7*60*12*100L	10.7	60	12	100
MH-10.8*60*12*100L	10.8	60	12	100
MH-10.9*60*12*100L	10.9	60	12	100
MH-11*60*12*100L	11	60	12	100
MH-11.1*65*12*100L	11.1	65	12	100
MH-11.2*65*12*100L	11.2	65	12	100
MH-11.3*65*12*100L	11.3	65	12	100
MH-11.4*65*12*100L	11.4	65	12	100
MH-11.5*65*12*100L	11.5	65	12	100

Solid carbide micro drills for Aluminum



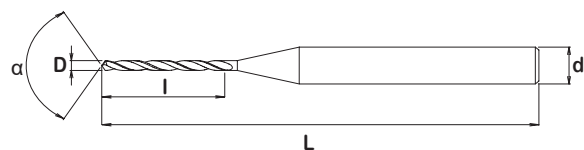
Diameter range: $\Phi 1\text{-}\Phi 16.0\text{mm}$
Diameter tolerance: $0\text{-}0.005\text{mm}$

Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* <i>l</i> * <i>d</i> * <i>L</i>				
MH-11.6*65*12*100L	11.6	65	12	100
MH-11.7*65*12*100L	11.7	65	12	100
MH-11.8*65*12*100L	11.8	65	12	100
MH-11.9*65*12*100L	11.9	65	12	100
MH-12*65*12*100L	12	65	12	100
MH-12.5*70*14*120L	12.5	70	14	120
MH-13*70*14*120L	13	70	14	120
MH-13.5*70*14*120L	13.5	70	14	120
MH-14*70*14*120L	14	70	14	120
MH-14.5*83*16*135L	14.5	83	16	135
MH-15*83*16*135L	15	83	16	135
MH-15.5*83*16*135L	15.5	83	16	135
MH-16*83*16*135L	16	83	16	135

Solid carbide micro drills for Aluminum (long series)



Diameter range: $\Phi 1\text{-}\Phi 16.0\text{mm}$
Diameter tolerance: 0-0.005mm

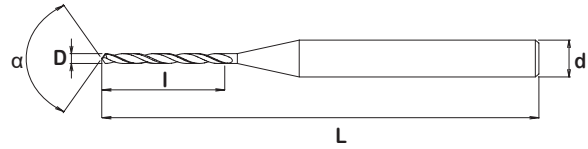
Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminum alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
○	○	○	○	×	×	×	×	○	○	●	●	●	●	●	×	×	×	×	○	●

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-1*13*4*50L	1	13	4	50
MH-1.1*13*4*50L	1.1	13	4	50
MH-1.2*13*4*50L	1.2	13	4	50
MH-1.3*13*4*50L	1.3	13	4	50
MH-1.4*13*4*50L	1.4	13	4	50
MH-1.5*13*4*50L	1.5	13	4	50
MH-1.6*20*4*50L	1.6	20	4	50
MH-1.7*20*4*50L	1.7	20	4	50
MH-1.8*20*4*50L	1.8	20	4	50
MH-1.9*20*4*50L	1.9	20	4	50
MH-2*20*4*50L	2	20	4	50
MH-2.1*22*4*75L	2.1	22	4	75
MH-2.2*22*4*75L	2.2	22	4	75
MH-2.3*22*4*75L	2.3	22	4	75
MH-2.4*22*4*75L	2.4	22	4	75
MH-2.5*22*4*75L	2.5	22	4	75
MH-2.6*26*4*75L	2.6	26	4	75
MH-2.7*26*4*75L	2.7	26	4	75
MH-2.8*28*4*75L	2.8	28	4	75
MH-2.9*28*4*75L	2.9	28	4	75
MH-3*28*4*75L	3	28	4	75
MH-3.1*28*4*75L	3.1	28	4	75
MH-3.2*28*4*75L	3.2	28	4	75
MH-3.3*28*4*75L	3.3	28	4	75
MH-3.4*28*4*75L	3.4	28	4	75
MH-3.5*28*4*75L	3.5	28	4	75
MH-3.6*32*4*75L	3.6	32	4	75
MH-3.7*32*4*75L	3.7	32	4	75
MH-3.8*32*4*75L	3.8	32	4	75
MH-3.9*32*4*75L	3.9	32	4	75
MH-4*32*4*75L	4	32	4	75
MH-4.1*36*6*75L	4.1	36	6	75
MH-4.2*36*6*75L	4.2	36	6	75
MH-4.3*36*6*75L	4.3	36	6	75
MH-4.4*36*6*75L	4.4	36	6	75
MH-4.5*36*6*75L	4.5	36	6	75
MH-4.6*36*6*75L	4.6	36	6	75
MH-4.7*36*6*75L	4.7	36	6	75
MH-4.8*36*6*75L	4.8	36	6	75
MH-4.9*36*6*75L	4.9	36	6	75
MH-5*36*6*75L	5	36	6	75
MH-5.1*40*6*75L	5.1	40	6	75
MH-5.2*40*6*75L	5.2	40	6	75
MH-5.3*40*6*75L	5.3	40	6	75
MH-5.4*40*6*75L	5.4	40	6	75
MH-5.5*40*6*75L	5.5	40	6	75
MH-5.6*40*6*75L	5.6	40	6	75
MH-5.7*40*6*75L	5.7	40	6	75
MH-5.8*40*6*75L	5.8	40	6	75
MH-5.9*40*6*75L	5.9	40	6	75
MH-6*40*6*75L	6	40	6	75
MH-6.1*48*8*100L	6.1	48	8	100
MH-6.2*48*8*100L	6.2	48	8	100

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D* l * d *L	D(mm)	l(mm)	d (mm)	L (mm)
MH-6.3*48*8*100L	6.3	48	8	100
MH-6.4*48*8*100L	6.4	48	8	100
MH-6.5*48*8*100L	6.5	48	8	100
MH-6.6*48*8*100L	6.6	48	8	100
MH-6.7*48*8*100L	6.7	48	8	100
MH-6.8*48*8*100L	6.8	48	8	100
MH-6.9*48*8*100L	6.9	48	8	100
MH-7*48*8*100L	7	48	8	100
MH-7.1*50*8*100L	7.1	50	8	100
MH-7.2*50*8*100L	7.2	50	8	100
MH-7.3*50*8*100L	7.3	50	8	100
MH-7.4*50*8*100L	7.4	50	8	100
MH-7.5*50*8*100L	7.5	50	8	100
MH-7.6*50*8*100L	7.6	50	8	100
MH-7.7*50*8*100L	7.7	50	8	100
MH-7.8*50*8*100L	7.8	50	8	100
MH-7.9*50*8*100L	7.9	50	8	100
MH-8*50*8*100L	8	50	8	100
MH-8.1*56*10*100L	8.1	56	10	100
MH-8.2*56*10*100L	8.2	56	10	100
MH-8.3*56*10*100L	8.3	56	10	100
MH-8.4*56*10*100L	8.4	56	10	100
MH-8.5*56*10*100L	8.5	56	10	100
MH-8.6*56*10*100L	8.6	56	10	100
MH-8.7*56*10*100L	8.7	56	10	100
MH-8.8*56*10*100L	8.8	56	10	100
MH-8.9*56*10*100L	8.9	56	10	100
MH-9*56*10*100L	9	56	10	100
MH-9.1*58*10*100L	9.1	58	10	100
MH-9.2*58*10*100L	9.2	58	10	100
MH-9.3*58*10*100L	9.3	58	10	100
MH-9.4*58*10*100L	9.4	58	10	100
MH-9.5*58*10*100L	9.5	58	10	100
MH-9.6*58*10*100L	9.6	58	10	100
MH-9.7*58*10*100L	9.7	58	10	100
MH-9.8*58*10*100L	9.8	58	10	100
MH-9.9*58*10*100L	9.9	58	10	100
MH-10*58*10*100L	10	58	10	100
MH-10.1*60*12*100L	10.1	60	12	100
MH-10.2*60*12*100L	10.2	60	12	100
MH-10.3*60*12*100L	10.3	60	12	100
MH-10.4*60*12*100L	10.4	60	12	100
MH-10.5*60*12*100L	10.5	60	12	100
MH-10.6*60*12*100L	10.6	60	12	100
MH-10.7*60*12*100L	10.7	60	12	100
MH-10.8*60*12*100L	10.8	60	12	100
MH-10.9*60*12*100L	10.9	60	12	100
MH-11*60*12*100L	11	60	12	100
MH-11.1*65*12*100L	11.1	65	12	100
MH-11.2*65*12*100L	11.2	65	12	100
MH-11.3*65*12*100L	11.3	65	12	100
MH-11.4*65*12*100L	11.4	65	12	100
MH-11.5*65*12*100L	11.5	65	12	100

Solid carbide micro drills for Aluminum (long series)



Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
○	○	○	○	x	x	x	x	○	○	●	●	●	●	●	x	x	x	x	○

● Suitable
○ Acceptable
x Unsuitable

Model	Cutting Dia. D(mm)	Cutting Length l(mm)	Shank Dia. d (mm)	Total Length L (mm)
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-11.6*65*12*100L	11.6	65	12	100
MH-11.7*65*12*100L	11.7	65	12	100
MH-11.8*65*12*100L	11.8	65	12	100
MH-11.9*65*12*100L	11.9	65	12	100
MH-12*65*12*100L	12	65	12	100
MH-12.5*70*14*120L	12.5	70	14	120
MH-13*70*14*120L	13	70	14	120
MH-13.57014120L	13.5	70	14	120
MH-14*70*14*120L	14	70	14	120
MH-14.5*83*16*135L	14.5	83	16	135
MH-15*83*16*135L	15	83	16	135
MH-15.5*83*16*135L	15.5	83	16	135
MH-16*83*16*135L	16	83	16	135

Solid carbide fixed-point drills

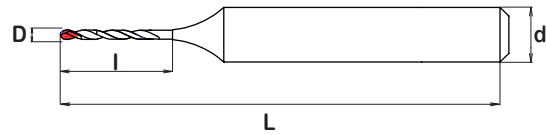


Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
○	○	○	○	x	x	x	x	○	x	●	●	●	●	●	x	x	x	x	○	●

● Suitable
○ Acceptable
x Unsuitable

Model	Cutting Dia.	Cutting Length	Shank Dia.	Total Length
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.1*0.5*3*38	0.10	0.5	3.0	38
MH-0.15*1*3*38	0.15	1.0	3.0	38
MH-0.2*1*3*38	0.20	1.0	3.0	38
MH-0.25*2*3*38	0.25	2.0	3.0	38
MH-0.3*2*3*38	0.30	2.0	3.0	38
MH-0.35*3*3*38	0.35	3.0	3.0	38
MH-0.4*3*3*38	0.40	3.0	3.0	38
MH-0.45*3*3*38	0.45	3.0	3.0	38
MH-0.5*3*3*38	0.50	3.0	3.0	38
MH-0.55*3*3*38	0.55	3.0	3.0	38
MH-0.6*3*3*38	0.60	3.0	3.0	38
MH-0.65*3*3*38	0.65	3.0	3.0	38
MH-0.7*3*3*38	0.70	3.0	3.0	38
MH-0.75*3*3*38	0.75	3.0	3.0	38
MH-0.8*3*3*38	0.80	3.0	3.0	38
MH-0.85*3*3*38	0.85	3.0	3.0	38
MH-0.9*3*3*38	0.90	3.0	3.0	38
MH-0.95*3*3*38	0.95	3.0	3.0	38
MH-1*3*3*38	1.00	3.0	3.0	38
MH-1.5*3*3*38	1.50	3.0	3.0	38
MH-2*3*3*38	2.00	3.0	3.0	38
MH-3*3*3*38	3.00	3.0	3.0	38
MH-3.5*5*4*50	3.50	5.0	4.0	50
MH-4*5*4*50	4.00	5.0	4.0	50
MH-4.5*5*6*50	4.50	5.0	6.0	50
MH-5*5*6*50	5.00	5.0	6.0	50
MH-5.5*5*6*50	5.50	5.0	6.0	50
MH-6*5*6*50	6.00	5.0	6.0	50
MH-6.5*8*8*80	6.50	8.0	8.0	80
MH-7*8*8*80	7.00	8.0	8.0	80
MH-7.5*8*8*100	7.50	8.0	8.0	100
MH-8*8*8*115	8.00	8.0	8.0	115
MH-8.5*8*10*130	8.50	8.0	10.0	130
MH-9*8*10*145	9.00	8.0	10.0	145
MH-9.5*8*10*160	9.50	8.0	10.0	160
MH-10*8*10*175	10.00	8.0	10.0	175

PCD micro drills WZ1

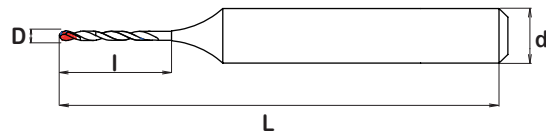


Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
×	×	×	×	×	×	×	×	●	●	×	○	○	●	●	●	●	●	○	●

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia.	Cutting Length	Shank Dia.	Total Length
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.1*0.9*3.175*38.1	0.10	0.9	3.175	38.1
MH-0.11*1.5*3.175*38.1	0.11	1.5	3.175	38.1
MH-0.12*1*3*38.1	0.12	1	3	38.1
MH-0.15*2.3*3.175*38.1	0.15	2.3	3.175	38.1
MH-0.15*3*3.175*38.1	0.15	3	3.175	38.1
MH-0.18*2.5*3.175*38.1	0.18	2.5	3.175	38.1
MH-0.19*2*3.175*38.1	0.19	2	3.175	38.1
MH-0.2*1.2*3.175*38.1	0.2	1.2	3.175	38.1
MH-0.2*4*3.175*38.1	0.2	4	3.175	38.1
MH-0.25*3*3*38.1	0.25	3	3	38.1
MH-0.32*4*3*38.1	0.32	4	3	38.1
MH-0.35*0.8*3.175*38.1	0.35	0.8	3.175	38.1
MH-0.4*3.5*3.175*38.1	0.4	3.5	3.175	38.1
MH-0.4*7*3.175*38.1	0.4	7	3.175	38.1
MH-0.55*4.5*3.175*38.1	0.55	4.5	3.175	38.1
MH-0.6*2.5*3*38.1	0.6	2.5	3	38.1
MH-1.27*7*3.175*38.1	1.27	7	3.175	38.1

PCD micro drills WZ2

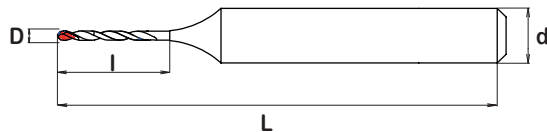


Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite
				~55HRC	~60HRC	~70HRC													
×	×	×	×	×	×	×	×	●	●	×	○	○	●	●	●	●	●	○	●

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia.	Cutting Length	Shank Dia.	Total Length
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.3*3*3.175*38.1	0.30	3.0	3.175	38.1
MH-0.3*5*3.175*38.1	0.30	5.0	3.175	38.1
MH-0.3*7*3.175*38.1	0.3	7	3.175	38.1
MH-0.45*7*3.175*38.1	0.45	7	3.175	38.1
MH-0.5*7*3.175*38.1	0.5	7	3.175	38.1
MH-0.6*9*3.175*45	0.6	9	3.175	45
MH-0.8*7*3.175*38.1	0.8	7	3.175	38.1
MH-0.89*7*3.175*38.1	0.89	7	3.175	38.1
MH-0.95*8.5*3.175*38.1	0.95	8.5	3.175	38.1
MH-1.1*8*3.175*38.1	1.1	8	3.175	38.1
MH-1.2*14*3.175*45	1.2	14	3.175	45
MH-1.25*11.5*3.175*45	1.25	11.5	3.175	45
MH-1.3*8*3.175*45	1.3	8	3.175	45
MH-1.4*14*3.175*45	1.4	14	3.175	45
MH-1.5*8*3.175*45	1.5	8	3.175	45

PCD micro drills WZ-3

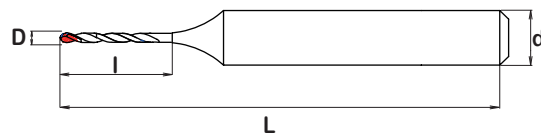


Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
×	×	×	×	×	×	×	×	●	●	×	○	○	●	●	●	●	●	○	●	●

● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia.	Cutting Length	Shank Dia.	Total Length
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.35*9*3.175*45	0.35	9.0	3.175	45
MH-0.39*11.5*3.175*45	0.39	11.5	3.175	45
MH-0.4*11.5*3.175*45	0.4	11.5	3.175	45
MH-0.4*11.5*3.175*45	0.4	11.5	3.175	45
MH-0.45*7*3.175*38.1	0.45	7	3.175	38.1
MH-0.48*17*3.175*55	0.48	17	3.175	55
MH-0.5*7*3.175*38.1	0.5	7	3.175	38.1
MH-0.5*12*3.175*45	0.5	12	3.175	45
MH-0.5*13.5*3.175*45	0.5	13.5	3.175	45
MH-0.55*11.5*3.175*45	0.55	11.5	3.175	45
MH-0.6*7*3.175*38.1	0.6	7	3.175	38.1
MH-0.6*18*3.175*45	0.6	18	3.175	45
MH-0.7*12.5*3.175*45	0.7	12.5	3.175	45
MH-0.75*11.5*3.175*45	0.75	11.5	3.175	45
MH-0.8*11*3.175*45	0.8	11	3.175	45
MH-0.85*7*3.175*38.1	0.85	7	3.175	38.1
MH-1*8*3.175*38.1	1	8	3.175	38.1
MH-1*20*3.175*66	1	20	3.175	66

PCD micro drills WZ-X



Cast iron	Carbon steel	Alloy steel	Prehardened steel	Hardened steel			Stainless steel	High temperature alloys	Titanium alloy	Copper alloy	Aluminium alloy	Fibres of glass	Bakelite (early plastic)	Engineering plastics	Zirconium oxide	Monocrystalline silicon	Ceramic	Carbon fibre	Graphite	
				~55HRC	~60HRC	~70HRC														
×	×	×	×	×	×	×	×	●	●	×	○	○	●	●	●	●	●	○	●	●

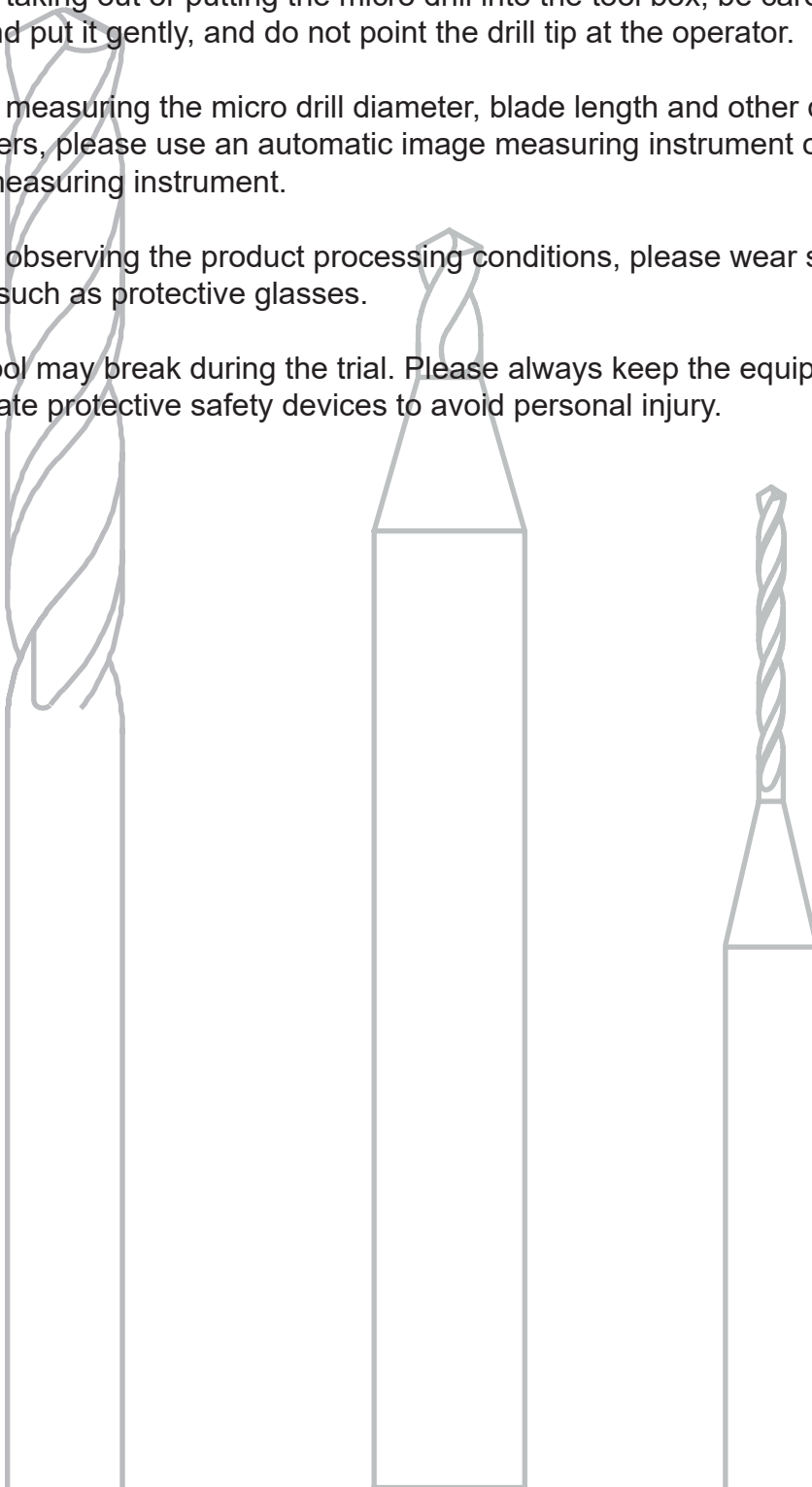
● Suitable
○ Acceptable
× Unsuitable

Model	Cutting Dia.	Cutting Length	Shank Dia.	Total Length
MH-D*I*d*L	D(mm)	l(mm)	d (mm)	L (mm)
MH-0.4*3.5*3.175*38.1	0.40	3.5	3.175	38.1
MH-0.5*7*3.175*38.1	0.50	7.0	3.175	38.1
MH-0.5*12*3.175*45	0.5	12	3.175	45
MH-0.7*7*3.175*38.1	0.7	7	3.175	38.1
MH-0.75*14*3.175*45	0.75	14	3.175	45
MH-0.8*7*3.175*38.1	0.8	7	3.175	38.1
MH-1*7*3.175*38.1	1.0	7	3.175	38.1
MH-1*12*3.175*45	1.0	12	3.175	45

Attentions

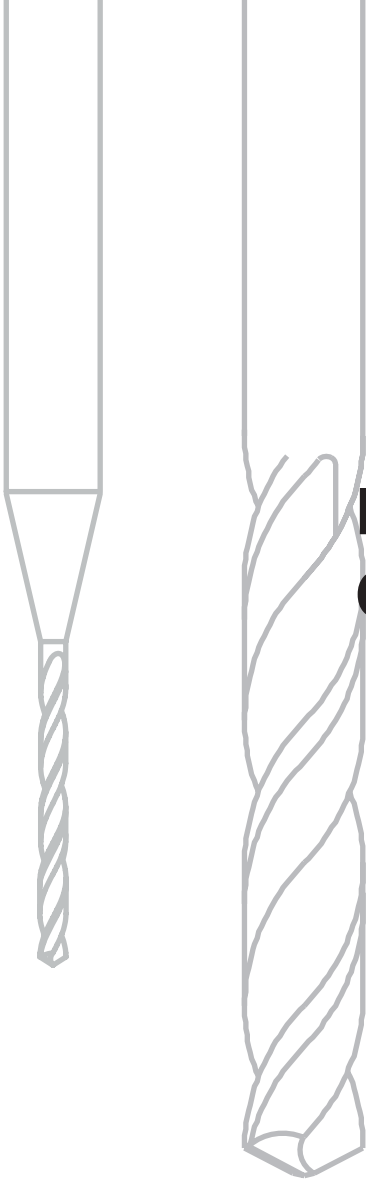
MICRO DRILLS

1. The micro drill tool is very small and the blade is very sharp. During use or testing, avoid direct contact with the blade to prevent the blade from being damaged or broken by external force.
2. When taking out or putting the micro drill into the tool box, be careful to take it lightly and put it gently, and do not point the drill tip at the operator.
3. When measuring the micro drill diameter, blade length and other dimensional parameters, please use an automatic image measuring instrument or a non-contact optical measuring instrument.
4. When observing the product processing conditions, please wear safety protection devices such as protective glasses.
5. The tool may break during the trial. Please always keep the equipment with appropriate protective safety devices to avoid personal injury.





浙江鸣鸿精密技术有限公司
Zhejiang MingHong Precision Co. Ltd

A technical line drawing of two micro drills. The drill on the left is shorter and has a standard double-flute design. The drill on the right is longer and features a more complex, multi-fluted design. Both are oriented vertically.

MICRO DRILLS CATELOGE

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