

无限白金涂层 高硬度钢材加工用小径钻头

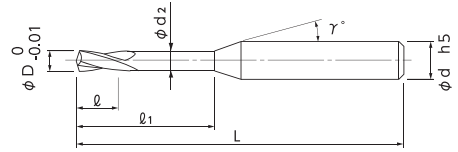
MUGEN COATING PREMIUM Precision Drill for Hardened Steel

共有19种规格

Total 19 sizes

可对65HRC的高硬度钢进行钻孔加工

Available for drilling on hardened steel which has 65HRC



前端角 150° (采用特殊形状)
Point Angle 150° (Original design)

- 小径钻头, 可对高硬度钢 (~65HRC) 进行钻孔加工!
- 孔径的偏差变小, 并实现了延长刀具寿命的稳定加工!
- 可进行高硬度钢钻孔加工 ($\phi 0.1 \sim$)!
- Precise drilling on hardened steel (65HRC)!
- Equable hole accuracy and stably long tool life!
- Drilling on high hardened steel ($\phi 0.1 \sim$)!

单位 [规格:mm / 价格:日元]
Unit [Size : mm / Retail Price : JPY]

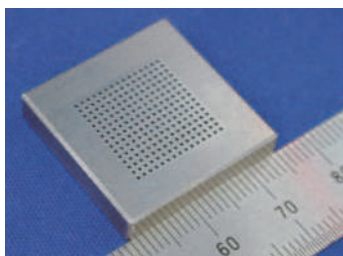
产品代码 Code No.	(D)直径 Dia.	(L)槽长 Flute Length	(L1)颈长 Under neck Length	(d2)颈径 Neck Dia.	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
04-00050-01000	0.1	0.2	1	0.085	15°	4	45	14,700
04-00050-01500	0.15	0.3	1.5	0.13	15°	4	45	14,700
04-00050-02000	0.2	0.4	2	0.18	15°	4	45	13,700
04-00050-02500	0.25	0.5	2.5	0.23	15°	4	45	13,700
04-00050-03000	0.3	0.6	3	0.28	15°	4	45	12,600
04-00050-03500	0.35	0.7	3.5	0.32	15°	4	45	12,600
04-00050-04000	0.4	0.8	4	0.37	15°	4	45	10,100
04-00050-04500	0.45	0.9	4.5	0.41	15°	4	45	10,100
04-00050-05000	0.5	1	5	0.46	15°	4	45	8,900
04-00050-05500	0.55	1.1	5.5	0.51	15°	4	45	8,900
04-00050-06000	0.6	1.2	6	0.56	15°	4	45	8,200
04-00050-06500	0.65	1.3	6.5	0.61	15°	4	45	8,200
04-00050-07000	0.7	1.4	7	0.66	15°	4	45	7,600
04-00050-07500	0.75	1.5	7.5	0.71	15°	4	45	7,600
04-00050-08000	0.8	1.6	8	0.76	15°	4	45	7,100
04-00050-08500	0.85	1.7	8.5	0.81	15°	4	45	7,100
04-00050-09000	0.9	1.8	9	0.86	15°	4	45	6,800
04-00050-09500	0.95	1.9	9.5	0.9	15°	4	45	6,800
04-00050-10000	1	2	10	0.95	15°	4	45	6,300

订购方法
How to Order

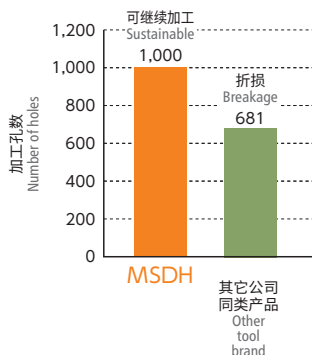
请指定MSDH直径(D)。 ※(γ)为参考值。
When you order, indicate MSDH (D). ※(γ) is reference value.

加工案例 1 Machining Case 1

加工材料: DC53 60HRC
Work material: DC53 60HRC



工件尺寸: 25×25×4.9 mm
Work size: 25×25×4.9 mm



使用刀具 Tool	MSDH $\phi 0.5$
主轴转速 Spindle speed	15,000 min ⁻¹
进给速度 Feed	50 mm/min
分级量 Step feed	0.025 mm
孔深 Depth of hole	4.9 mm (通孔) Through
冷却方式 Coolant	油雾 Oil mist
加工孔数 Number of holes	1,000 孔 1,000 holes
加工时间 Machining time	每孔 1分25秒 1min 25sec / 1 hole

钻头
Drill