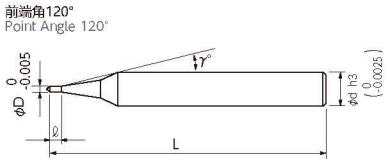
NSPD-M

无限微细涂层 微径定位钻头（底孔加工用）
MUGEN Micro Coating Micro Point Drill (Drill for guide hole)



- 适用于微小径钻头的底孔加工。
- 采用微径钻头专用微细涂层，在进行不锈钢等钻孔加工时可发挥优异的性能。
- 前端部采用横刃修磨，减小了切削阻力。钻孔精度稳定。（φ0.025以上）
- Guide hole for Micro Drill.
- Special thin film coating for Micro Drill exercise high drilling performance on steels include stainless steels.
- Thinning on the cutting edge to reduce cutting forces for accurate drilling. (Dia. 0.025～)

钻孔

硬质合金 SMG　无限 微细涂层　2　螺旋角 30

加工材料 Work Material

碳素钢 Carbon Steels	合金钢・工具钢 Alloy Steels・Tool Steels	预硬钢・调质钢 Prehardened Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum	铜合金 Copper	树 脂 Plastic
			～55HRC	55HRC～					
◎	◎	◎			◎	◎	○	○	○

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	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
04-00012-00100	0.01	0.015	15°	4	40	58,500
04-00012-00150	0.015	0.025	15°	4	40	58,500
04-00012-00200	0.02	0.04	15°	4	40	46,800
04-00012-00250	0.025	0.05	15°	4	40	46,800
04-00012-00300	0.03	0.06	15°	4	40	27,300
04-00012-00400	0.04	0.08	15°	4	40	18,500
04-00012-00500	0.05	0.1	15°	4	40	14,800
04-00012-00600	0.06	0.12	15°	4	40	13,500
04-00012-00700	0.07	0.14	15°	4	40	10,800
04-00012-00800	0.08	0.16	15°	4	40	7,200
04-00012-00900	0.09	0.18	15°	4	40	7,200
04-00012-01000	0.1	0.2	15°	4	40	6,600

订购方法　请指定NSPD-M 直径(D)。
When you order, indicate NSPD-M (D).

※(γ)为参考值。
※(γ) is reference value.

- 切削参数表记载于第H-009页
- Recommended Drilling Conditions are shown on page H-009.