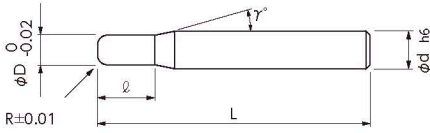


MHDH445R

高硬度材料用 4刃圆鼻铣刀
4-Flute Radius End Mill for Hardened Steel



- 在高硬度领域 (48-65HRC) 的长时间加工中可实现稳定的长寿命。
- 增大了螺旋角, 使得刀刃变得更锋利, 而且圆鼻形状可以抑制崩刃。
- Realized stably long tool life against high hardened steels (48~65HRC).
- Corner radius to prevent flute chipping, and high helix angle for cutting sharpness.



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	淬硬钢 Hardened Steels	
			~55HRC	55HRC~
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○

★返修对应。

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

产品代码 Code No.	(R)球头半径 Radius	(L)刃长 Length of Cut	(R)角半径 Corner Radius	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
★ 08-00437-03002	3	6	R0.2	12°	6	60	12,500
★ 08-00437-03003			R0.3				12,500
★ 08-00437-03005			R0.5				12,500
★ 08-00437-04002	4	8	R0.2	12°	6	60	13,500
★ 08-00437-04003			R0.3				13,500
★ 08-00437-04005			R0.5				13,500

订购方法

请指定MHDH445R 刃径(D)×刃长(L)×(R)角半径。
When you order, indicate MHDH445R (D)×(L)×(R).

※(γ)为参考值。

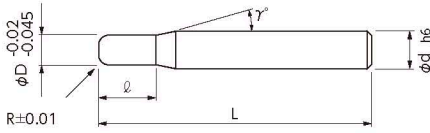
※(γ) is reference value.

● 切削参数表记载于第F-004页

● Recommended Milling Conditions are shown on page F-004.

MHDH645R

高硬度材料用 6刃圆鼻铣刀
6-Flute Radius End Mill for Hardened Steel



- 在高硬度领域 (48-65HRC) 的长时间加工中可实现稳定的长寿命。
- 刃数多且螺旋角大, 刀刃变得更锋利, 而且圆鼻形状可以抑制崩刃。
- Realized stably long tool life against high hardened steels (48~65HRC).
- Corner radius to prevent flute chipping, and high helix angle for cutting sharpness.



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	淬硬钢 Hardened Steels	
			~55HRC	55HRC~
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○

★返修对应。

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

产品代码 Code No.	(R)球头半径 Radius	(L)刃长 Length of Cut	(R)角半径 Corner Radius	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
★ 08-00438-05002	5	10	R0.2	12°	6	60	14,500
★ 08-00438-05003			R0.3				14,500
★ 08-00438-05005			R0.5				14,500
★ 08-00438-05010			R1				14,500
★ 08-00438-06002	6	12	R0.2	-	6	60	15,500
★ 08-00438-06003			R0.3				15,500
★ 08-00438-06005			R0.5				15,500
★ 08-00438-06010			R1				15,500
★ 08-00438-08003	8	16	R0.3	-	8	65	19,500
★ 08-00438-08005			R0.5				19,500
★ 08-00438-08010			R1				19,500
★ 08-00438-08015			R1.5				19,500
★ 08-00438-10003	10	20	R0.3	-	10	75	26,500
★ 08-00438-10005			R0.5				26,500
★ 08-00438-10010			R1				26,500
★ 08-00438-10015			R1.5				26,500
★ 08-00438-10020			R2				26,500
★ 08-00438-12005	12	24	R0.5	-	12	80	32,000
★ 08-00438-12010			R1				32,000
★ 08-00438-12015			R1.5				32,000
★ 08-00438-12020			R2				32,000

订购方法

请指定MHDH645R 刃径(D)×刃长(L)×(R)角半径。
When you order, indicate MHDH645R (D)×(L)×(R).

※(γ)为参考值。

※(γ) is reference value.

● 切削参数表记载于第F-004页

● Recommended Milling Conditions are shown on page F-004.

CBN铣刀
Cubic Boron Nitride

PCD·单晶
PCD-Monocrystal

钻石铣刀
Diamond

涂层
Coating

无涂层
Non-Coating

涂层
Coating

无涂层
Non-Coating

涂层
Coating

无涂层
Non-Coating