

MSUSZ440

规格
Size $\phi 1 \sim \phi 6$

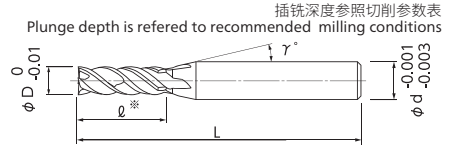
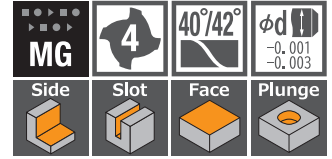
Premium ≤ 40 HRC

无限白金涂层 SUS用高效率“Z” 铣刀

共有62种规格
Total 62 sizes

不锈钢・耐热合金加工用
可进行插铣~沟槽的连续加工 不等分割和不等螺旋形状

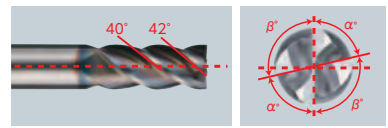
For machining on stainless steels and heat resistant alloy Continuous machining from plunging to slotting Unequal flute spacing and unequal helix angle design



Plunge depth is referred to recommended milling conditions 插铣深度参照切削参数表

※ 刃长比规格表中的数值长0.1mm。
The practical Length of Cut is 0.1mm longer than the specification table.

- 采用不等分割、不等螺旋角和提高刃部刚性的设计，可最大限度地抑制振刀，实现高效率加工！
- 采用新开发的特殊刀刃形状，可实现应对不锈钢侧面加工、沟槽加工、插铣加工进刀的多重性能。
- 采用耐热性高的无限白金涂层，可进行延长刀具寿命的稳定加工。
- 共有62种规格，刃长有外径的2倍和3倍（部分规格）两种。
- Unequal flute spacing, unequal helix angle and high rigid end profile design to minimize chatter realize high efficient machining.
- New developed special edge profile realized multi-functional performance of side milling, slot milling and plunging approaches on stainless steel.
- Optimized high heat-resistance MUGEN COATING PREMIUM to realize stable long time machining.
- Total 62 sizes, some sizes line up with L/D=2 or 3.



不等螺旋角 Unequal Helix Angle 不等分割 Unequal Flute Spacing

★ 返修对应（柄长须在15mm以上。详情请咨询本公司。）

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

产品代码 Code No.	(D)外径 Dia.	(L)刃长 Length of Cut	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
08-00152-01020	1	2	12°	4	50	5,300
08-00152-01030		3	12°	4	50	5,500
08-00152-01120	1.1	2.2	12°	4	50	6,300
08-00152-01220	1.2	2.4	12°	4	50	6,300
08-00152-01320	1.3	2.6	12°	4	50	6,300
08-00152-01420	1.4	2.8	12°	4	50	6,300
08-00152-01520	1.5	3	12°	4	50	6,300
08-00152-01530		4.5	12°	4	50	6,700
08-00152-01620	1.6	3.2	12°	6	50	6,900
08-00152-01720	1.7	3.4	12°	6	50	6,900
08-00152-01820	1.8	3.6	12°	6	50	6,900
08-00152-01920	1.9	3.8	12°	6	50	6,900
08-00152-02020	2	4	12°	6	50	6,900
08-00152-02030		6	12°	6	60	7,400
08-00152-02120	2.1	4.2	12°	6	50	6,900
08-00152-02220	2.2	4.4	12°	6	50	6,900
08-00152-02320	2.3	4.6	12°	6	50	6,900
08-00152-02420	2.4	4.8	12°	6	50	6,900
08-00152-02520	2.5	5	12°	6	50	6,900
08-00152-02530		7.5	12°	6	60	7,500
08-00152-02620	2.6	5.2	12°	6	50	6,900
08-00152-02720	2.7	5.4	12°	6	50	6,900
08-00152-02820	2.8	5.6	12°	6	50	6,900
08-00152-02920	2.9	5.8	12°	6	50	6,900
★ 08-00152-03020	3	6	12°	6	50	6,900
★ 08-00152-03030		9	12°	6	60	7,400
★ 08-00152-03120	3.1	6.2	12°	6	50	7,300
★ 08-00152-03220	3.2	6.4	12°	6	50	7,300
★ 08-00152-03320	3.3	6.6	12°	6	50	7,300
★ 08-00152-03420	3.4	6.8	12°	6	50	7,300

产品代码 Code No.	(D)外径 Dia.	(L)刃长 Length of Cut	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
★ 08-00152-03520	3.5	7	12°	6	50	7,300
★ 08-00152-03530		10.5	12°	6	60	7,800
★ 08-00152-03620	3.6	7.2	12°	6	50	7,300
★ 08-00152-03720	3.7	7.4	12°	6	50	7,300
★ 08-00152-03820	3.8	7.6	12°	6	50	7,300
★ 08-00152-03920	3.9	7.8	12°	6	50	7,300
★ 08-00152-04020	4	8	12°	6	50	7,300
★ 08-00152-04030		12	12°	6	60	7,700
★ 08-00152-04120	4.1	8.2	12°	6	50	7,700
★ 08-00152-04220	4.2	8.4	12°	6	50	7,700
★ 08-00152-04320	4.3	8.6	12°	6	50	7,700
★ 08-00152-04420	4.4	8.8	12°	6	50	7,700
★ 08-00152-04520	4.5	9	12°	6	50	7,700
★ 08-00152-04530		13.5	12°	6	60	8,300
★ 08-00152-04620	4.6	9.2	12°	6	50	7,700
★ 08-00152-04720	4.7	9.4	12°	6	50	7,700
★ 08-00152-04820	4.8	9.6	12°	6	50	7,700
★ 08-00152-04920	4.9	9.8	12°	6	50	7,700
★ 08-00152-05020	5	10	12°	6	50	7,700
★ 08-00152-05030		15	12°	6	60	8,300
★ 08-00152-05120	5.1	10.2	12°	6	50	8,400
★ 08-00152-05220	5.2	10.4	12°	6	50	8,400
★ 08-00152-05320	5.3	10.6	12°	6	50	8,400
★ 08-00152-05420	5.4	10.8	12°	6	50	8,400
★ 08-00152-05520	5.5	11	12°	6	50	8,400
★ 08-00152-05530		16.5	12°	6	60	9,000
★ 08-00152-05620	5.6	11.2	12°	6	50	8,400
★ 08-00152-05720	5.7	11.4	12°	6	50	8,400
★ 08-00152-05820	5.8	11.6	12°	6	50	8,400
★ 08-00152-05920	5.9	11.8	12°	6	50	8,400
★ 08-00152-06020	6	12	-	6	60	8,000
★ 08-00152-06030		18	-	6	60	8,400

订购方法
How to Order 请指定MSUSZ440 外径(D)×刃长(L)。
When you order, indicate MSUSZ440 (D)×(L).
※(γ)为参考值。
※(γ) is reference value.

加工案例
Machining case M-032

平底 Square Bottom 全刃长 Full Cutting Length 涂层 Coating

不锈钢 Stainless Steel M 钛合金 耐热合金 Titanium Alloy Heat Resistant Alloy S

高效率加工 High Efficient Milling