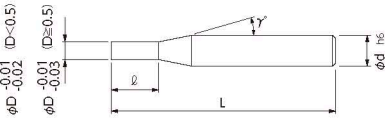


MSES230P

无限涂层 短刃尖角型2刃平底铣刀
MUGEN-COATING 2-Flute Sharp Edge Short End Mill



- 采用带刚性的短刃型。
- 尖角型锋利度好，可实现歪斜少的切削加工。
- It is very suitable for high speed cutting due to the length of cut is short and rigid.
- Sharp edge profile guarantees high shearing ability.



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~
◎	◎	◎	◎	◎
◎	◎	◎	◎	◎

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

产品代码 Code No.	(D)刃径 Dia.	(L)刃长 Length of Cut	(r)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
08-00102-00010	0.1	0.15	9°	4	45	7,600
08-00102-00015	0.15	0.2	9°	4	45	7,900
08-00102-00020	0.2	0.3	9°	4	45	4,800
08-00102-00025	0.25	0.3	9°	4	45	7,900
08-00102-00030	0.3	0.4	9°	4	45	4,200
08-00102-00035	0.35	0.4	9°	4	45	7,900
08-00102-00040	0.4	0.6	9°	4	45	4,600
08-00102-00045	0.45	0.6	9°	4	45	7,900
08-00102-00050	0.5	0.7	9°	4	45	2,400
08-00102-00060	0.6	1	9°	4	45	3,600
08-00102-00070	0.7	1.2	9°	4	45	3,900
08-00102-00080	0.8	1.5	9°	4	45	2,400
08-00102-00100	1	2	9°	4	45	2,000
08-00102-00120	1.2	2.5	9°	4	45	2,400
08-00102-00150	1.5	3	9°	4	45	2,000
08-00102-00160	1.6	3	9°	4	45	2,700
08-00102-00180	1.8	3.5	9°	4	45	2,400
08-00102-00200	2	4	9°	4	45	2,000
08-00102-00250	2.5	5	9°	4	45	2,000
08-00102-00300	3	6	9°	4	50	2,700
08-00102-00400	4	8	-	4	50	3,000
08-00102-00500	5	10	9°	6	55	3,200
08-00102-00600	6	12	-	6	55	3,500
08-00102-00800	8	16	-	8	65	6,800
08-00102-01000	10	20	-	10	75	7,700
08-00102-01200	12	24	-	12	80	12,700

订购方法

请指定MSES230P 刃径(D).
When you order, indicate MSES230P (D).

※ (r) 为参考值。

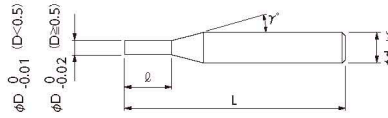
※ (r) is reference value.

● 切削参数表记载于第D-030页

● Recommended Milling Conditions are shown on page D-030.

MSE230

无限涂层 2刃平底铣刀
MUGEN-COATING 2-Flute End Mill



- 2刃平底铣刀采用NS独创的无限涂层。
- 用途广泛，可用于从粗加工到精加工等不同切削。
- Our original MUGEN-COATING has been put on 2-flute end mill.
- It covers all-round cutting from roughing to finishing.



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~
◎	◎	◎	◎	◎
◎	◎	◎	◎	◎

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

产品代码 Code No.	(D)刃径 Dia.	(L)刃长 Length of Cut	(r)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
08-00100-00010	0.1	0.15	9°	4	45	7,200
08-00100-00015	0.15	0.2	9°	4	45	7,500
08-00100-00020	0.2	0.4	9°	4	45	4,500
08-00100-00025	0.25	0.5	9°	4	45	10,600
08-00100-00030	0.3	0.6	9°	4	45	3,900
08-00100-00035	0.35	0.7	9°	4	45	9,200
08-00100-00040	0.4	0.8	9°	4	45	4,300
08-00100-00045	0.45	0.9	9°	4	45	9,200
08-00100-00050	0.5	1.25	9°	4	45	2,200
08-00100-00055	0.55	1.3	9°	4	45	7,200
08-00100-00060	0.6	1.5	9°	4	45	3,400
08-00100-00065	0.65	1.5	9°	4	45	7,200
08-00100-00070	0.7	1.8	9°	4	45	3,700
08-00100-00075	0.75	1.8	9°	4	45	7,200
08-00100-00080	0.8	2	9°	4	45	2,200
08-00100-00085	0.85	2	9°	4	45	7,200
08-00100-00090	0.9	2	9°	4	45	3,700
08-00100-00095	0.95	2	9°	4	45	7,200
08-00100-01000	1	2.5	9°	4	45	1,900
08-00100-01005	1.05	2.5	9°	4	45	7,200
08-00100-01010	1.1	2.5	9°	4	45	6,000
08-00100-01015	1.15	2.5	9°	4	45	7,200
08-00100-01020	1.2	3	9°	4	45	2,200
08-00100-01025	1.25	3	9°	4	45	7,200
08-00100-01030	1.3	3	9°	4	45	6,000
08-00100-01035	1.35	3	9°	4	45	7,200

订购方法

请指定MSE230 刃径(D).
When you order, indicate MSE230 (D).

※ (r) 为参考值。

※ (r) is reference value.

● 切削参数表记载于第D-030页

● Recommended Milling Conditions are shown on page D-030.

● 带I的规格和尺寸为特定代理商的库存产品。详情请咨询本公司。

● I: Semi-standard item, please inquire for price and delivery.

CBN 铣刀
Cubic Boron Nitride

钻石 铣刀
Diamond

平底 铣刀
Square

长颈 平底 铣刀
Long Neck Square

球头 铣刀
Ball

长颈 球头 铣刀
Long Neck Ball

圆鼻 铣刀
Radius

长颈 圆鼻 铣刀
Long Neck Radius

锥形 铣刀
Taper

锥形 球头 铣刀
Taper Ball

锥形 圆鼻 铣刀
Taper Radius

钻头
Drilling

螺纹 铣刀
Thread milling

倒角 刀
Chamfering

MSE230

无限涂层 2刃平底铣刀
MUGEN-COATING 2-Flute End Mill

Cubic Boron Nitride
CBN 铣刀

Diamond
钻石铣刀

Square
平底铣刀

Long Neck Square
长颈平底
铣刀

Ball
球头铣刀

Long Neck Ball
长颈球头
铣刀

Radius
圆鼻铣刀

Long Neck Radius
长颈圆鼻
铣刀

Taper
锥形铣刀

Taper Ball
锥形球头
铣刀

Taper Radius
锥形圆鼻
铣刀

Drilling
钻头

Thread milling
螺纹铣刀

Chamfering
倒角刀

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

产品代码 Code No.	(D) 刃径 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
08-00100-00140	1.4	3.5	9°	4	45	6,000
08-00100-00145	1.45	3.5	9°	4	45	7,200 ■
08-00100-00150	1.5	4	9°	4	45	1,900
08-00100-00155	1.55	4	9°	4	45	7,200 ■
08-00100-00160	1.6	4	9°	4	45	6,000
08-00100-00165	1.65	4	9°	4	45	7,200 ■
08-00100-00170	1.7	4.5	9°	4	45	6,000
08-00100-00175	1.75	4.5	9°	4	45	7,200 ■
08-00100-00180	1.8	4.5	9°	4	45	2,200
08-00100-00185	1.85	4.5	9°	4	45	7,200 ■
08-00100-00190	1.9	5	9°	4	45	6,000
08-00100-00195	1.95	5	9°	4	45	7,200 ■
08-00100-00200	2	5	9°	4	45	1,900
08-00100-00205	2.05	5	9°	4	45	7,200 ■
08-00100-00210	2.1	5.5	9°	4	45	6,000
08-00100-00215	2.15	5.5	9°	4	45	7,200 ■
08-00100-00220	2.2	5.5	9°	4	45	6,000
08-00100-00225	2.25	5.5	9°	4	45	7,200 ■
08-00100-00230	2.3	6	9°	4	45	6,000
08-00100-00235	2.35	6	9°	4	45	7,200 ■
08-00100-00240	2.4	6	9°	4	45	6,000
08-00100-00245	2.45	6	9°	4	45	7,200 ■
08-00100-00250	2.5	7	9°	4	45	1,900
08-00100-00255	2.55	7	9°	4	45	7,200 ■
08-00100-00260	2.6	7	9°	4	45	6,000
08-00100-00265	2.65	7	9°	4	45	7,200 ■
08-00100-00270	2.7	7	9°	4	45	6,000
08-00100-00275	2.75	7	9°	4	45	7,200 ■
08-00100-00280	2.8	7	9°	4	45	6,000
08-00100-00285	2.85	8	9°	4	50	7,200 ■
08-00100-00290	2.9	8	9°	6	50	6,000
08-00100-00295	2.95	8	9°	4	50	7,200 ■
08-00100-00300	3	8	9°	6	50	2,500
08-00100-00310	3.1	8	9°	6	50	7,000
08-00100-00320	3.2	8	9°	6	50	7,000
08-00100-00330	3.3	9	9°	6	50	7,000
08-00100-00340	3.4	9	9°	6	50	7,000
08-00100-00350	3.5	9	9°	6	50	4,500

产品代码 Code No.	(D) 刃径 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
08-00100-00360	3.6	9	9°	6	50	7,000
08-00100-00370	3.7	10	9°	6	50	7,000
08-00100-00380	3.8	10	9°	6	50	7,000
08-00100-00390	3.9	10	9°	6	50	7,000
08-00100-00400	4	10	9°	6	50	2,800
08-00100-00410	4.1	11	9°	6	50	7,500
08-00100-00420	4.2	11	9°	6	50	7,500
08-00100-00430	4.3	11	9°	6	50	7,500
08-00100-00440	4.4	11	9°	6	50	7,500
08-00100-00450	4.5	12	9°	6	55	5,200
08-00100-00460	4.6	12	9°	6	55	7,500
08-00100-00470	4.7	12	9°	6	55	7,500
08-00100-00480	4.8	12	9°	6	55	7,500
08-00100-00490	4.9	13	9°	6	55	7,500
08-00100-00500	5	13	9°	6	55	3,000
08-00100-00510	5.1	13	9°	6	55	8,000
08-00100-00520	5.2	13	9°	6	55	8,000
08-00100-00530	5.3	14	9°	6	55	8,000
08-00100-00540	5.4	14	9°	6	55	8,000
08-00100-00550	5.5	14	9°	6	55	5,200
08-00100-00560	5.6	14	9°	6	55	8,000
08-00100-00570	5.7	15	9°	6	55	8,000
08-00100-00580	5.8	15	9°	6	55	8,000
08-00100-00590	5.9	15	9°	6	55	8,000
08-00100-00600	6	15	—	6	55	3,300
08-00100-00650	6.5	17	9°	8	60	10,400
08-00100-00700	7	18	9°	8	65	9,700
08-00100-00750	7.5	19	9°	8	65	11,600
08-00100-00800	8	20	—	8	65	6,300
08-00100-00850	8.5	22	9°	10	70	14,000
08-00100-00900	9	23	9°	10	70	12,800
08-00100-00950	9.5	24	9°	10	75	15,200
08-00100-01000	10	25	—	10	75	7,400
08-00100-01050	10.5	27	9°	12	80	20,000
08-00100-01100	11	28	9°	12	80	19,400
08-00100-01150	11.5	29	9°	12	80	21,300
08-00100-01200	12	30	—	12	80	12,200

订购方法

请指定MSE230 刃径(D)。
When you order, indicate MSE230 (D).

※ (γ) 为参考值。
※ (γ) is reference value.

● 切削参数表记载于第D-030页

● Recommended Milling Conditions are shown on page D-030.

● 带■的规格和尺寸为特定代理商的库存产品。详情请咨询本公司。

● ■: Semi-standard item, please inquire for price and delivery.