

# MHRH230

规格  
Size  $\phi 0.1 \sim \phi 3$

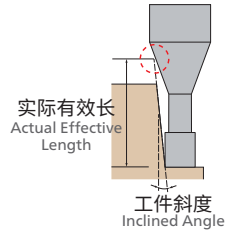
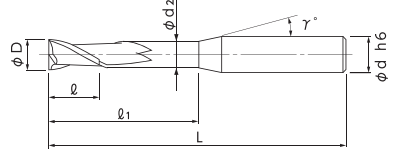
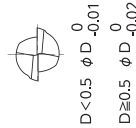
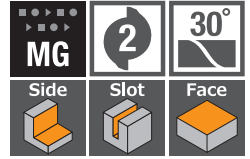
**∞**  
Premium  
**≤65**  
HRC

无限白金涂层 高硬度钢材用2刃长颈平底铣刀

共有134种规格  
Total 134 sizes

可对应调质钢、高硬度钢（~65HRC）的长颈平底铣刀。  
L/D最大25倍

Long neck square end mill for hardened steels up to 65HRC. Maximum L/D=25



- 采用无限白金涂层，加工高硬度钢时可保持延长刀具寿命！并能提高加工精度！
- 共有134种规格！
- MUGEN COATING PREMIUM to improve accuracy and tool life on machining hardened steels!
- Total 134 sizes!

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.	(ℓ1)颈长 Under Neck Length	(ℓ)刃长 Length of Cut	(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	相对于工件斜度的有效长 Actual effective length depending on inclined angle of workpiece				
									30°	1°	1°30'	2°	3°
08-00207-01003	0.1	0.3	0.08	0.085	12°	4	45	11,000	0.34	0.36	0.38	0.40	0.44
08-00207-01005		0.5					45	12,000	0.55	0.58	0.61	0.64	0.71
08-00207-01007		0.75					45	13,100	0.81	0.85	0.89	0.93	1.04
08-00207-01010		1					45	14,700	1.07	1.12	1.18	1.23	1.37
08-00207-01503	0.15	0.3	0.12	0.13	12°	4	45	10,200	0.36	0.37	0.39	0.41	0.46
08-00207-01505		0.5					45	11,000	0.57	0.59	0.62	0.65	0.72
08-00207-01507		0.75					45	12,100	0.83	0.86	0.90	0.95	1.05
08-00207-01510		1					45	12,100	1.09	1.14	1.19	1.25	1.38
08-00207-01515	1.5	45	13,100	1.61	1.68	1.76	1.85	2.05					
08-00207-02005	0.2	0.5	0.15	0.18	12°	4	45	7,600	0.57	0.59	0.62	0.65	0.72
08-00207-02007		0.75					45	7,800	0.83	0.86	0.90	0.95	1.05
08-00207-02010		1					45	8,200	1.09	1.14	1.19	1.25	1.38
08-00207-02015		1.5					45	9,900	1.61	1.68	1.76	1.85	2.05
08-00207-02020	2	45	11,100	2.13	2.23	2.33	2.44	2.71					
08-00207-02025	2.5	45	11,100	2.65	2.77	2.90	3.04	3.38					
08-00207-02030	3	45	11,600	3.17	3.31	3.47	3.64	4.04					
08-00207-03010	0.3	1	0.25	0.28	12°	4	45	6,600	1.09	1.14	1.19	1.25	1.38
08-00207-03015		1.5					45	6,600	1.61	1.68	1.76	1.85	2.05
08-00207-03020		2					45	8,200	2.13	2.23	2.33	2.44	2.71
08-00207-03025		2.5					45	8,500	2.65	2.77	2.90	3.04	3.38
08-00207-03030	3	45	8,500	3.17	3.31	3.47	3.64	4.04					
08-00207-04010	0.4	1	0.3	0.37	12°	4	45	4,800	1.11	1.16	1.22	1.28	1.42
08-00207-04015		1.5					45	4,800	1.63	1.71	1.79	1.87	2.08
08-00207-04020		2					45	4,800	2.15	2.25	2.36	2.47	2.74
08-00207-04025		2.5					45	4,800	2.68	2.80	2.93	3.07	3.41
08-00207-04030		3					45	4,800	3.20	3.34	3.50	3.67	4.07
08-00207-04035		3.5					45	4,800	3.72	3.89	4.07	4.27	4.73
08-00207-04040		4					45	4,800	4.24	4.43	4.64	4.87	5.40
08-00207-04050		5					45	4,800	5.28	5.52	5.78	6.06	6.72
08-00207-04060		6					45	6,000	6.33	6.61	6.92	7.26	8.05
08-00207-04080		8					45	10,500	8.41	8.79	9.20	9.65	10.71
08-00207-04100	10	45	11,600	10.50	10.97	11.48	12.05	13.36					
08-00207-05010	0.5	1	0.4	0.46	12°	4	45	3,500	1.14	1.19	1.24	1.30	1.45
08-00207-05015		1.5					45	3,500	1.66	1.73	1.81	1.90	2.11
08-00207-05020		2					45	3,500	2.18	2.28	2.38	2.50	2.77
08-00207-05025		2.5					45	3,500	2.70	2.82	2.95	3.10	3.44

订购方法  
How to Order

请指定MHRH230 外径(D)×颈长(ℓ1)。 ※(γ)为参考值。  
When you order, indicate MHRH230 (D)×(ℓ1). ※(γ) is reference value.

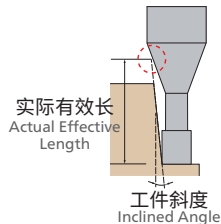


- 调质钢 P Prehardened Steel
- 高硬度钢~52 HRC H Hardened Steel HRC
- 高硬度钢~60 HRC H Hardened Steel HRC
- 高硬度钢~65 HRC H Hardened Steel HRC
- 不锈钢 M Stainless Steel
- 钛合金 S 耐热合金 Titanium Alloy Heat Resistant Alloy

常规系列  
无限白金涂层  
长颈造型  
Regular Line  
MUGEN PREMIUM  
Long Neck Type

## 无限白金涂层 高硬度钢材用2刃长颈平底铣刀

MUGEN COATING PREMIUM 2-Flute Long Neck End Mill for Hardened Steel


 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.	(L1)颈长 Under Neck Length	(L)刃长 Length of Cut	(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	相对于工件斜度的有效长 Actual effective length depending on inclined angle of workpiece				
									30°	1°	1°30'	2°	3°
08-00207-05030	0.5	3	0.4	0.46	12°	4	45	3,500	3.22	3.37	3.52	3.70	4.10
08-00207-05035		3.5					45	3,500	3.74	3.91	4.09	4.30	4.77
08-00207-05040		4					45	3,500	4.26	4.46	4.66	4.89	5.43
08-00207-05045		4.5					45	3,500	4.79	5.00	5.23	5.49	6.09
08-00207-05050		5					45	3,500	5.31	5.54	5.80	6.09	6.76
08-00207-05060		6					45	3,500	6.35	6.63	6.95	7.29	8.08
08-00207-05070		7					45	5,800	7.39	7.72	8.09	8.48	9.41
08-00207-05080		8					50	5,800	8.44	8.81	9.23	9.68	10.74
08-00207-05090		9					50	5,800	9.48	9.90	10.37	10.88	12.07
08-00207-05100		10					50	5,800	10.52	10.99	11.51	12.07	13.39
08-00207-06015	0.6	1.5	0.5	0.56	12°	4	45	3,700	1.66	1.73	1.81	1.90	2.11
08-00207-06020		2					45	3,700	2.18	2.28	2.38	2.50	2.77
08-00207-06030		3					45	3,700	3.22	3.37	3.52	3.70	4.10
08-00207-06040		4					45	3,700	4.26	4.46	4.66	4.89	5.43
08-00207-06050		5					45	3,700	5.31	5.54	5.80	6.09	6.76
08-00207-06060		6					45	3,700	6.35	6.63	6.95	7.29	8.08
08-00207-07020	0.7	2	0.55	0.66	12°	4	45	4,200	2.18	2.28	2.38	2.50	2.77
08-00207-07040		4					45	4,200	4.26	4.46	4.66	4.89	5.43
08-00207-07060		6					45	4,200	6.35	6.63	6.95	7.29	8.08
08-00207-07080		8					50	6,800	8.44	8.81	9.23	9.68	10.74
08-00207-07100		10					50	9,000	10.52	10.99	11.51	12.07	13.39
08-00207-08030		0.8					3	0.65	0.76	12°	4	45	4,100
08-00207-08040	4		45	4,100	4.26	4.46	4.66					4.89	5.43
08-00207-08050	5		45	4,100	5.31	5.54	5.80					6.09	6.76
08-00207-08060	6		45	4,100	6.35	6.63	6.95					7.29	8.08
08-00207-08080	8		50	4,100	8.44	8.81	9.23					9.68	10.74
08-00207-08100	10		50	6,000	10.52	10.99	11.51					12.07	13.39
08-00207-08120	12		50	6,800	12.61	13.17	13.79					14.47	16.05
08-00207-10020	1		2	0.8	0.95	12°	4					50	3,700
08-00207-10030		3	50					3,700	3.25	3.39	3.55	3.73	4.13
08-00207-10040		4	50					3,700	4.29	4.48	4.69	4.92	5.46
08-00207-10050		5	50					3,700	5.33	5.57	5.83	6.12	6.79
08-00207-10060		6	50					3,700	6.37	6.66	6.97	7.32	8.11
08-00207-10070		7	50					3,700	7.42	7.75	8.11	8.51	9.44
08-00207-10080		8	50					3,700	8.46	8.84	9.25	9.71	10.77
08-00207-10090		9	50					3,700	9.50	9.93	10.39	10.91	12.10
08-00207-10100		10	50					3,700	10.55	11.02	11.53	12.10	13.42
08-00207-10120		12	50					3,700	12.63	13.20	13.82	14.49	16.08
08-00207-10140		14	50					3,700	14.72	15.38	16.10	16.89	18.73
08-00207-10160		16	60					6,000	16.80	17.55	18.38	19.28	21.39
08-00207-10180		18	60					6,000	18.89	19.73	20.66	21.67	24.04
08-00207-10200		20	60					6,000	20.97	21.91	22.94	24.07	26.70
08-00207-10220	22	60	6,900	23.06	24.09	25.22	26.46	Free					
08-00207-12060	1.2	6	1	1.15	12°	4	50	3,900	6.37	6.66	6.97	7.32	8.11
08-00207-12080		8					50	3,900	8.46	8.84	9.25	9.71	10.77
08-00207-12100		10					50	3,900	10.55	11.02	11.53	12.10	13.42
08-00207-12120		12					50	3,900	12.63	13.20	13.82	14.49	16.08
08-00207-12160		16					60	6,200	16.80	17.55	18.38	19.28	21.39
08-00207-14060		1.4					6	1.1	1.35	12°	4	50	4,000
08-00207-14120	12		50	4,000	12.63	13.20	13.82					14.49	16.08

**P** 调质钢  
Prehardened Steel

**H** ~52高硬度钢  
HRC Hardened Steel

**H** ~60高硬度钢  
HRC Hardened Steel

**H** ~65高硬度钢  
HRC Hardened Steel

**M** 不锈钢  
Stainless Steel

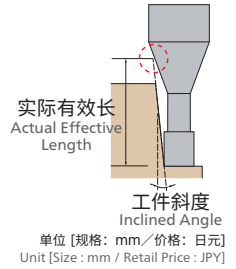
**S** 钛合金  
耐热合金  
Titanium Alloy  
Heat Resistant Alloy

 常规系列  
无限白金涂层  
长颈造型  
Regular Line  
MUGEN PREMIUM  
Long Neck Type

# MHRH230

无限白金涂层 高硬度钢材用2刃长颈平底铣刀

MUGEN COATING PREMIUM 2-Flute Long Neck End Mill for Hardened Steel



产品代码 Code No.	(D)外径 Dia.	(ℓ <sub>1</sub> )颈长 Under Neck Length	(ℓ)刃长 Length of Cut	(d <sub>2</sub> )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	相对于工件斜度的有效长 Actual effective length depending on inclined angle of workpiece				
									30°	1°	1°30′	2°	3°
08-00207-15040	1.5	4	1.2	1.45	12°	4	50	3,900	4.29	4.48	4.69	4.92	5.46
08-00207-15060		6					50	3,900	6.37	6.66	6.97	7.32	8.11
08-00207-15080		8					50	3,900	8.46	8.84	9.25	9.71	10.77
08-00207-15100		10					50	3,900	10.55	11.02	11.53	12.10	13.42
08-00207-15120		12					50	3,900	12.63	13.20	13.82	14.49	16.08
08-00207-15140		14					60	4,000	14.72	15.38	16.10	16.89	18.73
08-00207-15160		16					60	4,000	16.80	17.55	18.38	19.28	21.39
08-00207-15180		18					60	4,000	18.89	19.73	20.66	21.67	Free
08-00207-15200		20					60	4,000	20.97	21.91	22.94	24.07	Free
08-00207-15250		25					70	6,000	26.19	27.36	28.64	30.05	Free
08-00207-15300		30					70	6,000	31.40	32.81	34.34	Free	Free
08-00207-15350		35					80	6,800	36.62	38.25	40.05	Free	Free
08-00207-16060	1.6	6	1.3	1.55	12°	4	50	4,000	6.37	6.66	6.97	7.32	8.11
08-00207-16080		8					50	4,000	8.46	8.84	9.25	9.71	10.77
08-00207-18060	1.8	6	1.4	1.75	12°	4	50	4,000	6.37	6.66	6.97	7.32	8.11
08-00207-18080		8					50	4,000	8.46	8.84	9.25	9.71	10.77
08-00207-18100		10					50	4,000	10.55	11.02	11.53	12.10	13.42
08-00207-18120		12					50	4,000	12.63	13.20	13.82	14.49	16.08
08-00207-18140		14					50	4,000	14.72	15.38	16.10	16.89	18.73
08-00207-18160		16					60	4,000	16.80	17.55	18.38	19.28	Free
08-00207-18180		18					60	4,000	18.89	19.73	20.66	21.67	Free
08-00207-20040		2					4	1.6	1.94	12°	4	50	3,900
08-00207-20060	6		50	3,900	6.40	6.69	7.00					7.34	8.15
08-00207-20080	8		50	3,900	8.48	8.86	9.28					9.74	10.80
08-00207-20100	10		50	3,900	10.57	11.04	11.56					12.13	13.45
08-00207-20120	12		50	3,900	12.66	13.22	13.84					14.52	16.11
08-00207-20140	14		60	3,900	14.74	15.40	16.12					16.92	18.76
08-00207-20160	16		60	3,900	16.83	17.58	18.40					19.31	Free
08-00207-20180	18		60	3,900	18.91	19.76	20.69					21.70	Free
08-00207-20200	20		60	3,900	21.00	21.94	22.97					24.10	Free
08-00207-20250	25		70	3,900	26.21	27.39	28.67					Free	Free
08-00207-20300	30		70	4,800	31.43	32.83	34.37					Free	Free
08-00207-20350	35		80	5,800	36.64	38.28	Free					Free	Free
08-00207-20400	40	90	7,200	41.85	43.73	Free	Free	Free					
08-00207-20500	50	100	8,700	52.28	54.62	Free	Free	Free					
08-00207-25080	2.5	8	2	2.4	12°	4	50	4,100	8.58	8.97	9.39	9.85	10.93
08-00207-25120		12					50	4,100	12.75	13.32	13.95	14.64	Free
08-00207-25160		16					60	4,100	16.93	17.68	18.51	19.42	Free
08-00207-25200		20					60	4,100	21.10	22.04	23.07	Free	Free
08-00207-25300		30					70	4,400	31.52	32.94	Free	Free	Free
08-00207-25400		40					90	6,200	41.95	Free	Free	Free	Free
08-00207-25500		50					100	7,700	52.38	Free	Free	Free	Free
08-00207-30080		3					8	4.5	2.85	12°	6	50	5,500
08-00207-30120	12		50	5,500	12.88	13.45	14.08					14.78	16.39
08-00207-30160	16		60	5,500	17.05	17.81	18.65					19.56	21.70
08-00207-30200	20		60	5,500	21.22	22.17	23.21					24.35	27.01
08-00207-30250	25		70	5,500	26.43	27.62	28.91					30.33	Free
08-00207-30300	30		70	6,600	31.65	33.06	34.61					36.31	Free



- P 调质钢 Prehardened Steel
- H 高硬度钢~52 Hardened Steel HRC
- H 高硬度钢~60 Hardened Steel HRC
- H 高硬度钢~65 Hardened Steel HRC
- M 不锈钢 Stainless Steel
- S 钛合金 耐热合金 Titanium Alloy Heat Resistant Alloy

常规系列  
无限白金涂层  
长颈造型  
Regular Line  
MUGEN PREMIUM  
Long Neck Type

订购方法  
How to Order

请指定MHRH230 外径(D)×颈长(ℓ<sub>1</sub>)。 ※(γ)为参考值。  
When you order, indicate MHRH230 (D)×(ℓ<sub>1</sub>)。 ※(γ) is reference value.