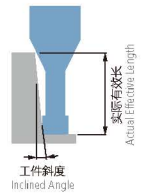
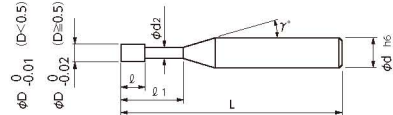


MHRH230

高硬度材料用 2刃长颈平底铣刀

2-Flute Long Neck End Mill for Hardened Steel



- 采用无限白金涂层，加工高硬度材料时可保持长寿命！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!



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	不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum	铜合金 Copper	树脂 Plastic
◎	◎	◎	◎	◎	◎	◎	◎	◎

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.	(L1) 有效长 Effective 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	10,500	0.35	0.37	0.38	0.40	0.45
08-00207-01005		0.5					45	11,400	0.56	0.58	0.61	0.64	0.71
08-00207-01007		0.75					45	12,500	0.82	0.86	0.90	0.94	1.05
08-00207-01010		1					45	14,000	1.08	1.13	1.18	1.24	1.38
08-00207-01503	0.15	0.3	0.12	0.13	12°	4	45	9,700	0.36	0.38	0.40	0.42	0.46
08-00207-01505		0.5					45	10,500	0.57	0.60	0.62	0.66	0.73
08-00207-01507		0.75					45	11,500	0.83	0.87	0.91	0.96	1.06
08-00207-01510		1					45	11,500	1.09	1.14	1.20	1.25	1.39
08-00207-01515	0.2	1.5	0.15	0.18	12°	4	45	12,500	1.61	1.69	1.77	1.85	2.06
08-00207-02005		0.5					45	7,200	0.57	0.60	0.62	0.66	0.73
08-00207-02007		0.75					45	7,400	0.83	0.87	0.91	0.96	1.06
08-00207-02010		1					45	7,800	1.09	1.14	1.20	1.25	1.39
08-00207-02015	0.3	1.5	0.25	0.28	12°	4	45	9,400	1.61	1.69	1.77	1.85	2.06
08-00207-02020		2					45	10,600	2.13	2.23	2.34	2.45	2.72
08-00207-02025		2.5					45	10,600	2.66	2.78	2.91	3.05	3.39
08-00207-02030		3					45	11,000	3.18	3.32	3.48	3.65	4.06
08-00207-03010	0.4	1	0.3	0.37	12°	4	45	6,300	1.09	1.14	1.20	1.25	1.39
08-00207-03015		1.5					45	6,300	1.61	1.69	1.77	1.85	2.06
08-00207-03020		2					45	7,800	2.13	2.23	2.34	2.45	2.72
08-00207-03025		2.5					45	8,100	2.66	2.78	2.91	3.05	3.39
08-00207-03030	0.5	3	0.4	0.46	12°	4	45	8,100	3.18	3.32	3.48	3.65	4.06
08-00207-04010		1					45	4,600	1.12	1.17	1.22	1.28	1.43
08-00207-04015		1.5					45	4,600	1.64	1.71	1.79	1.88	2.09
08-00207-04020		2					45	4,600	2.16	2.26	2.36	2.48	2.76
08-00207-04025	0.6	2.5	0.5	0.53	12°	4	45	4,600	2.68	2.80	2.93	3.08	3.42
08-00207-04030		3					45	4,600	3.20	3.35	3.50	3.68	4.09
08-00207-04035		3.5					45	4,600	3.72	3.89	4.08	4.28	4.75
08-00207-04040		4					45	4,600	4.25	4.44	4.65	4.88	5.42
08-00207-04050	0.8	5	0.8	0.86	12°	4	45	4,600	5.29	5.53	5.79	6.08	6.75
08-00207-04060		6					45	5,700	6.33	6.62	6.93	7.27	8.08
08-00207-04080		8					45	10,000	8.42	8.80	9.21	9.67	10.74
08-00207-04100		10					45	11,000	10.50	10.98	11.49	12.07	13.40
08-00207-05010	1.0	1	1.0	1.06	12°	4	45	3,300	1.14	1.19	1.25	1.31	1.46
08-00207-05015		1.5					45	3,300	1.66	1.74	1.82	1.91	2.12
08-00207-05020		2					45	3,300	2.18	2.28	2.39	2.51	2.79
08-00207-05025		2.5					45	3,300	2.71	2.83	2.96	3.11	3.45

订购方法

请指定MHRH230 刃径(D)×有效长(L1)。
When you order, indicate MHRH230 (D)×(L1).

※(γ)为参考值。
※(γ) is reference value.

- 切削参数表记载于第D-069页
- Recommended Milling Conditions are shown on page D-069.

产品代码 Code No.	(D)刃径 Dia.	(l1)有效长 Effective length	(l)刃长 Length of Cut	(d2)颈径 Neck Dia.	(r)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	3,300	3.23	3.37	3.53	3.71	4.12
08-00207-05035		3.5					45	3,300	3.75	3.92	4.10	4.31	4.78
08-00207-05040		4					45	3,300	4.27	4.46	4.67	4.91	5.45
08-00207-05045		4.5					45	3,300	4.79	5.01	5.24	5.50	6.12
08-00207-05050		5					45	3,300	5.31	5.55	5.81	6.10	6.78
08-00207-05060		6					45	3,300	6.36	6.64	6.96	7.30	8.11
08-00207-05070		7					45	5,500	7.40	7.73	8.10	8.50	9.44
08-00207-05080		8					50	5,500	8.44	8.82	9.24	9.70	10.77
08-00207-05090		9					50	5,500	9.48	9.91	10.38	10.90	12.10
08-00207-05100		10					50	5,500	10.53	11.00	11.52	12.09	13.44
08-00207-06015	0.6	1.5	0.5	0.56	12°	4	45	3,500	1.66	1.74	1.82	1.91	2.12
08-00207-06020		2					45	3,500	2.18	2.28	2.39	2.51	2.79
08-00207-06030		3					45	3,500	3.23	3.37	3.53	3.71	4.12
08-00207-06040		4					45	3,500	4.27	4.46	4.67	4.91	5.45
08-00207-06050		5					45	3,500	5.31	5.55	5.81	6.10	6.78
08-00207-06060		6					45	3,500	6.36	6.64	6.96	7.30	8.11
08-00207-07020	0.7	2	0.55	0.66	12°	4	45	4,000	2.18	2.28	2.39	2.51	2.79
08-00207-07040		4					45	4,000	4.27	4.46	4.67	4.91	5.45
08-00207-07060		6					45	4,000	6.36	6.64	6.96	7.30	8.11
08-00207-07080		8					50	6,500	8.44	8.82	9.24	9.70	10.77
08-00207-07100		10					50	8,600	10.53	11.00	11.52	12.09	13.44
08-00207-08030	0.8	3	0.65	0.76	12°	4	45	3,900	3.23	3.37	3.53	3.71	4.12
08-00207-08040		4					45	3,900	4.27	4.46	4.67	4.91	5.45
08-00207-08050		5					45	3,900	5.31	5.55	5.81	6.10	6.78
08-00207-08060		6					45	3,900	6.36	6.64	6.96	7.30	8.11
08-00207-08080		8					50	3,900	8.44	8.82	9.24	9.70	10.77
08-00207-08100		10					50	5,700	10.53	11.00	11.52	12.09	13.44
08-00207-08120		12					50	6,500	12.61	13.18	13.80	14.49	16.10
08-00207-10020	1	2	0.8	0.95	12°	4	50	3,500	2.21	2.31	2.42	2.54	2.82
08-00207-10030		3					50	3,500	3.25	3.40	3.56	3.74	4.15
08-00207-10040		4					50	3,500	4.29	4.49	4.70	4.93	5.48
08-00207-10050		5					50	3,500	5.34	5.58	5.84	6.13	6.81
08-00207-10060		6					50	3,500	6.38	6.67	6.98	7.33	8.14
08-00207-10070		7					50	3,500	7.42	7.76	8.12	8.53	9.47
08-00207-10080		8					50	3,500	8.47	8.85	9.27	9.73	10.80
08-00207-10090		9					50	3,500	9.51	9.94	10.41	10.92	12.14
08-00207-10100		10					50	3,500	10.55	11.03	11.55	12.12	13.47
08-00207-10120		12					50	3,500	12.64	13.21	13.83	14.52	16.13
08-00207-10140		14					50	3,500	14.72	15.39	16.11	16.91	18.79
08-00207-10160		16					60	5,700	16.81	17.57	18.40	19.31	21.45
08-00207-10180		18					60	5,700	18.89	19.74	20.68	21.71	24.11
08-00207-10200		20					60	5,700	20.98	21.92	22.96	24.10	26.78
08-00207-10220		22					60	6,600	23.07	24.10	25.24	26.50	Free
08-00207-12060	1.2	6	1	1.15	12°	4	50	3,700	6.38	6.67	6.98	7.33	8.14
08-00207-12080		8					50	3,700	8.47	8.85	9.27	9.73	10.80
08-00207-12100		10					50	3,700	10.55	11.03	11.55	12.12	13.47
08-00207-12120		12					50	3,700	12.64	13.21	13.83	14.52	16.13
08-00207-12160		16					60	5,900	16.81	17.57	18.40	19.31	21.45
08-00207-14060	1.4	6	1.1	1.35	12°	4	50	3,800	6.38	6.67	6.98	7.33	8.14
08-00207-14120		12					50	3,800	12.64	13.21	13.83	14.52	16.13

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

MHRH230

高硬度材料用 2刃长颈平底铣刀
2-Flute Long Neck End Mill for Hardened Steel

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.	(L1) 有效长 Effective 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°
08-00207-15040	1.5	4	1.2	1.45	12°	4	50	3,700	4.29	4.49	4.70	4.93	5.48
08-00207-15060		6					50	3,700	6.38	6.67	6.98	7.33	8.14
08-00207-15080		8					50	3,700	8.47	8.85	9.27	9.73	10.80
08-00207-15100		10					50	3,700	10.55	11.03	11.55	12.12	13.47
08-00207-15120		12					50	3,700	12.64	13.21	13.83	14.52	16.13
08-00207-15140		14					60	3,800	14.72	15.39	16.11	16.91	18.79
08-00207-15160		16					60	3,800	16.81	17.57	18.40	19.31	21.45
08-00207-15180		18					60	3,800	18.89	19.74	20.68	21.71	24.11
08-00207-15200		20					60	3,800	20.98	21.92	22.96	24.10	Free
08-00207-15250		25					70	5,700	26.20	27.37	28.67	30.09	Free
08-00207-15300	1.6	30	1.3	1.55	12°	4	70	5,700	31.41	32.82	34.37	36.08	Free
08-00207-15350		35					80	6,500	36.62	38.27	40.08	Free	Free
08-00207-16060		6					50	3,800	6.38	6.67	6.98	7.33	8.14
08-00207-16080		8					50	3,800	8.47	8.85	9.27	9.73	10.80
08-00207-18060		6	1.4	1.75	12°	4	50	3,800	6.38	6.67	6.98	7.33	8.14
08-00207-18080		8					50	3,800	8.47	8.85	9.27	9.73	10.80
08-00207-18100		10					50	3,800	10.55	11.03	11.55	12.12	13.47
08-00207-18120		12					50	3,800	12.64	13.21	13.83	14.52	16.13
08-00207-18140		14					50	3,800	14.72	15.39	16.11	16.91	18.79
08-00207-18160		16					60	3,800	16.81	17.57	18.40	19.31	21.45
08-00207-18180		18					60	3,800	18.89	19.74	20.68	21.71	24.11
08-00207-20040		4					50	3,700	4.32	4.51	4.73	4.96	5.51
08-00207-20060		6					50	3,700	6.40	6.69	7.01	7.36	8.17
08-00207-20080		8					50	3,700	8.49	8.87	9.29	9.75	10.84
08-00207-20100	2	10	1.6	1.94	12°	4	50	3,700	10.58	11.05	11.57	12.15	13.50
08-00207-20120		12					50	3,700	12.66	13.23	13.86	14.55	16.16
08-00207-20140		14					60	3,700	14.75	15.41	16.14	16.94	18.82
08-00207-20160		16					60	3,700	16.83	17.59	18.42	19.34	Free
08-00207-20180		18					60	3,700	18.92	19.77	20.71	21.73	Free
08-00207-20200		20					60	3,700	21.01	21.95	22.99	24.13	Free
08-00207-20250		25					70	3,700	26.22	27.40	28.69	Free	Free
08-00207-20300		30					70	4,600	31.43	32.85	34.40	Free	Free
08-00207-20350		35					80	5,500	36.65	38.30	Free	Free	Free
08-00207-20400		40					90	6,900	41.86	43.75	Free	Free	Free
08-00207-20500	2.5	50					100	8,300	52.29	54.64	Free	Free	Free
08-00207-25080		8	2	2.4	12°	4	50	3,900	8.59	8.98	9.40	9.87	10.96
08-00207-25120		12					50	3,900	12.76	13.33	13.97	14.66	Free
08-00207-25160		16					60	3,900	16.93	17.69	18.53	19.45	Free
08-00207-25200		20					60	3,900	21.10	22.05	23.10	Free	Free
08-00207-25300		30					70	4,200	31.53	32.95	Free	Free	Free
08-00207-25400		40					90	5,900	41.96	43.85	Free	Free	Free
08-00207-25500		50					100	7,300	52.39	54.75	Free	Free	Free
08-00207-30080		8	4.5	2.85	12°	6	50	5,000	8.71	9.10	9.53	10.01	11.12
08-00207-30120		12					50	5,000	12.88	13.46	14.10	14.80	16.44
08-00207-30160		16					60	5,000	17.05	17.82	18.67	19.59	21.77
08-00207-30200		20					60	5,000	21.23	22.18	23.23	24.39	27.09
08-00207-30250		25					70	5,000	26.44	27.63	28.94	30.38	Free
08-00207-30300		30					70	6,000	31.66	33.08	34.64	36.37	Free

订购方法

请指定MHRH230 刃径(D)×有效长(L1)。 ※(γ)为参考值。

When you order, indicate MHRH230 (D)×(L1).

※(γ) is reference value.

●切削参数表记载于第D-069页

●Recommended Milling Conditions are shown on page D-069.