

MHR430R

规格

Size $\phi 1 \times R0.05 \sim \phi 6 \times R1$



无限涂层 4刃长颈圆鼻铣刀

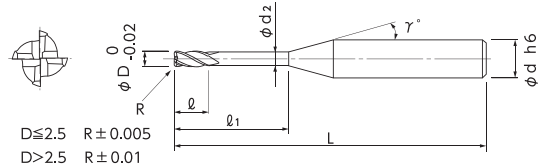
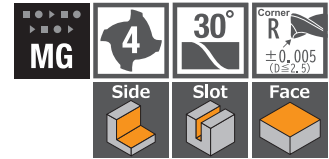
MUGEN COATING 4-Flute Long Neck Corner Radius End Mill

共有146种规格

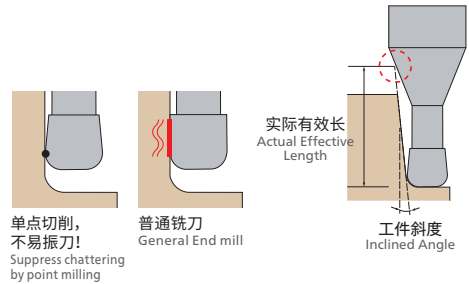
Total 146 sizes

4刃长颈圆鼻铣刀。L/D最大12倍

4-flute long neck corner radius end mill. Maximum L/D=12



- 短刃造型长专用的铣刀！与工件的接触大幅减小，可有效抑制振刀。
- 角部R精度高达 $\pm 5 \mu m$ 。
- 升级版的无限涂层，在加工高硬度钢、调质钢时可发挥超群威力，而且也适合于铜电极加工。
- Employing short flute length. Less contact to work material reduces chattering.
- Corner R accuracy: $\pm 5 \mu m$
- Upgraded MUGEN COATING brings outstanding performance for milling of Prehardened Steels and Copper Electrode as well.



★ 返修对应（柄长须在15mm以上。详情请咨询本公司。）

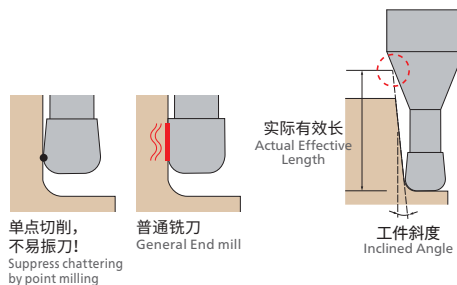
单位 [规格:mm / 价格:日元]
Unit [Size : mm / Retail Price : JPY]

产品代码 Code No.	(D)外径 Dia.	(R)角半径 Corner Radius	(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°	
08-00230-10021	1	R0.05	3	0.8	0.95	12°	4	50	7,600	3.24	3.39	3.54	3.72	4.12
08-00230-10022			4					50	7,600	4.29	4.48	4.68	4.91	5.44
08-00230-10023			5					50	7,600	5.33	5.57	5.82	6.11	6.77
08-00230-10024			6					50	7,600	6.37	6.66	6.97	7.31	8.10
08-00230-10025			8					50	7,600	8.46	8.83	9.25	9.70	10.75
08-00230-10026			10					50	7,600	10.54	11.01	11.53	12.09	13.41
08-00230-10027			12					50	7,600	12.63	13.19	13.81	14.49	16.06
08-00230-10031			R0.1					3	50	7,600	3.24	3.38	3.54	3.71
08-00230-10032		4						50	7,600	4.28	4.47	4.68	4.90	5.43
08-00230-10033		5						50	7,600	5.33	5.56	5.82	6.10	6.76
08-00230-10034		6						50	7,600	6.37	6.65	6.96	7.30	8.08
08-00230-10035		8						50	7,600	8.46	8.83	9.24	9.69	10.74
08-00230-10036		10						50	7,600	10.54	11.01	11.52	12.08	13.39
08-00230-10037		12						50	7,600	12.63	13.19	13.80	14.48	16.05
08-00230-10041		R0.2						3	50	7,600	3.24	3.37	3.52	3.69
08-00230-10042			4					50	7,600	4.28	4.46	4.66	4.88	5.40
08-00230-10043			5					50	7,600	5.32	5.55	5.80	6.08	6.72
08-00230-10044			6					50	7,600	6.37	6.64	6.94	7.28	8.05
08-00230-10045			8					50	7,600	8.45	8.82	9.23	9.67	10.71
08-00230-10046			10					50	7,600	10.54	11.00	11.51	12.06	13.36
08-00230-10047			12					50	7,600	12.62	13.18	13.79	14.46	16.01
08-00230-10051			R0.3					3	50	7,600	3.23	3.36	3.51	3.67
08-00230-10052		4						50	7,600	4.28	4.45	4.65	4.86	5.36
08-00230-10053		5						50	7,600	5.32	5.54	5.79	6.06	6.69
08-00230-10054		6						50	7,600	6.36	6.63	6.93	7.26	8.02
08-00230-10055		8						50	7,600	8.45	8.81	9.21	9.65	10.67
08-00230-10056		10						50	7,600	10.53	10.99	11.49	12.04	13.33
08-00230-10057		12						50	7,600	12.62	13.17	13.77	14.44	15.98
08-00230-12031	1.2	R0.1		5	1	1.14	12°	4	50	8,000	5.35	5.59	5.84	6.13
08-00230-12032			10	50					8,000	10.57	11.03	11.55	12.11	13.42
08-00230-12033			15	60					12,000	15.78	16.48	17.25	18.09	20.06

订购方法
How to Order

请指定MHR430R 外径(D)×角半径(R)×颈长(l1)。
When you order, indicate MHR430R (D)×(R)×(l1).

※(γ)为参考值。
※(γ) is reference value.



长颈
Long Neck

圆鼻
Corner
Radius

涂层
Coating

★ 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.	(R)角半径 Corner Radius	(ℓ)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°
08-00230-12041	1.2	R0.2	5	1	1.14	12°	4	50	8,000	5.35	5.58	5.83	6.11	6.75
08-00230-12042			10					50	8,000	10.56	11.03	11.53	12.09	13.39
08-00230-12043			15					60	12,000	15.78	16.47	17.24	18.07	20.03
08-00230-12051		R0.3	5					50	8,000	5.34	5.57	5.82	6.09	6.72
08-00230-12052			10					50	8,000	10.56	11.02	11.52	12.07	13.36
08-00230-12053			15					60	12,000	15.77	16.46	17.22	18.05	20.00
08-00230-15031	1.5	R0.1	6	1.2	1.45	12°	4	50	8,000	6.37	6.65	6.96	7.30	8.08
08-00230-15032			12					50	8,000	12.63	13.19	13.80	14.48	16.05
08-00230-15033			18					60	8,000	18.88	19.72	20.64	21.65	Free
08-00230-15041		R0.2	6					50	8,000	6.37	6.64	6.94	7.28	8.05
08-00230-15042			12					50	8,000	12.62	13.18	13.79	14.46	16.01
08-00230-15043			18					60	8,000	18.88	19.72	20.63	21.64	23.98
08-00230-15051		R0.3	6					50	8,000	6.36	6.63	6.93	7.26	8.02
08-00230-15052			12					50	8,000	12.62	13.17	13.77	14.44	15.98
08-00230-15053			18					60	8,000	18.88	19.71	20.62	21.62	23.95
08-00230-15061		R0.5	6					50	8,000	6.35	6.62	6.90	7.22	7.96
08-00230-15062			12					50	8,000	12.61	13.15	13.75	14.40	15.92
08-00230-15063			18					60	8,000	18.87	19.69	20.59	21.58	23.88
08-00230-20031	2	R0.1	8	1.6	1.91	12°	4	50	8,000	8.55	8.93	9.35	9.80	10.86
08-00230-20032			12					50	8,000	12.73	13.29	13.91	14.59	16.17
08-00230-20033			16					60	8,000	16.90	17.65	18.47	19.37	Free
08-00230-20034			20					60	8,000	21.07	22.01	23.03	24.16	Free
08-00230-20035			24					70	8,000	25.24	26.36	27.59	Free	Free
08-00230-20041		R0.2	8					50	8,000	8.55	8.92	9.33	9.78	10.83
08-00230-20042			12					50	8,000	12.72	13.28	13.89	14.57	16.14
08-00230-20043			16					60	8,000	16.89	17.64	18.46	19.36	Free
08-00230-20044			20					60	8,000	21.06	22.00	23.02	24.14	Free
08-00230-20045			24					70	8,000	25.23	26.36	27.58	Free	Free
08-00230-20051		R0.3	8					50	8,000	8.55	8.91	9.32	9.76	10.80
08-00230-20052			12					50	8,000	12.72	13.27	13.88	14.55	16.11
08-00230-20053			16					60	8,000	16.89	17.63	18.44	19.34	Free
08-00230-20054			20					60	8,000	21.06	21.99	23.00	24.12	Free
08-00230-20055			24					70	8,000	25.23	26.35	27.57	28.91	Free
08-00230-20061		R0.5	8					50	8,000	8.54	8.90	9.29	9.72	10.73
08-00230-20062			12					50	8,000	12.71	13.25	13.85	14.51	16.04
08-00230-20063			16					60	8,000	16.88	17.61	18.42	19.30	Free
08-00230-20064			20					60	8,000	21.05	21.97	22.98	24.08	Free
08-00230-20065			24					70	8,000	25.22	26.33	27.54	28.87	Free

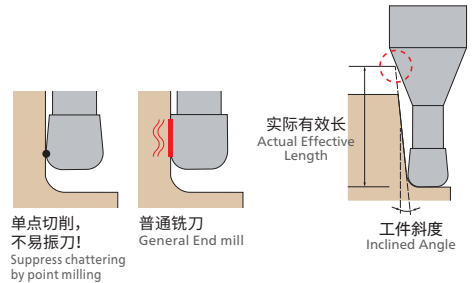
P 碳素钢
Carbon SteelP 合金钢
Alloy SteelP 调质钢
Prehardened SteelH ~52高硬度钢
HRC Hardened SteelM 不锈钢
Stainless SteelN 铝合金
Aluminium AlloyN 铜合金
CopperO 树脂
Resin

常规系列
无限涂层
长颈造型
Regular Line
MUGEN COATING
Long Neck Type

MHR430R

无限涂层 4刃长颈圆鼻铣刀

MUGEN COATING 4-Flute Long Neck Corner Radius End Mill



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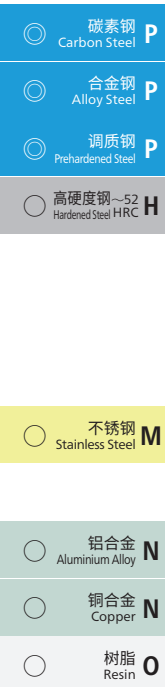
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										30°	1°	1°30'	2°	3°
08-00230-25031	2.5	R0.1	10	2	2.39	12°	4	50	8,400	10.69	11.16	11.68	12.25	13.58
08-00230-25032			20					60	8,400	21.12	22.06	23.09	Free	Free
08-00230-25033			30					70	8,800	31.55	32.95	Free	Free	Free
08-00230-25041		R0.2	10					50	8,400	10.68	11.15	11.67	12.23	13.55
08-00230-25042			20					60	8,400	21.11	22.05	23.07	Free	Free
08-00230-25043			30					70	8,800	31.54	32.94	Free	Free	Free
08-00230-25051		R0.3	10					50	8,400	10.68	11.14	11.65	12.21	13.52
08-00230-25052			20					60	8,400	21.11	22.04	23.06	Free	Free
08-00230-25053			30					70	8,800	31.54	32.93	Free	Free	Free
08-00230-25061		R0.5	10					50	8,400	10.67	11.13	11.63	12.17	13.45
08-00230-25062			20					60	8,400	21.10	22.02	23.03	Free	Free
08-00230-25063			30					70	8,800	31.53	32.92	Free	Free	Free
★ 08-00230-30031	3	R0.1	12	2.5	2.85	12°	6	50	11,400	12.87	13.44	14.07	14.76	16.36
★ 08-00230-30032			18					60	11,400	19.13	19.98	20.91	21.94	24.32
★ 08-00230-30033			24					70	12,100	25.39	26.52	27.76	29.12	Free
★ 08-00230-30034			30					70	12,100	31.64	33.05	34.60	36.30	Free
★ 08-00230-30035		R0.2	36					80	12,500	37.90	39.59	41.44	Free	Free
★ 08-00230-30041			12					50	11,400	12.87	13.44	14.06	14.74	16.33
★ 08-00230-30042			18					60	11,400	19.13	19.97	20.90	21.92	24.29
★ 08-00230-30043			24					70	12,100	25.38	26.51	27.74	29.10	Free
★ 08-00230-30044			30					70	12,500	31.64	33.05	34.58	36.28	Free
★ 08-00230-30045			36					80	12,500	37.90	39.58	41.43	Free	Free
★ 08-00230-30051		R0.3	12					50	11,400	12.86	13.43	14.04	14.72	16.29
★ 08-00230-30052			20					60	11,400	21.21	22.14	23.17	24.29	26.91
★ 08-00230-30053			24					70	12,100	25.38	26.50	27.73	29.08	Free
★ 08-00230-30054			30					70	12,500	31.63	33.04	34.57	36.26	Free
★ 08-00230-30055		R0.5	36					80	12,500	37.89	39.57	41.41	Free	Free
★ 08-00230-30061			12					50	11,400	12.86	13.41	14.01	14.68	16.23
★ 08-00230-30062			20					60	11,400	21.20	22.12	23.14	24.25	26.85
★ 08-00230-30063			24					70	12,100	25.37	26.48	27.70	29.04	Free
★ 08-00230-30064			30					70	12,500	31.63	33.02	34.54	36.22	Free
★ 08-00230-30065		R1	36					80	12,500	37.88	39.56	41.39	43.40	Free
★ 08-00230-30071			12					50	11,400	12.83	13.36	13.94	14.58	16.07
★ 08-00230-30072			20					60	11,400	21.18	22.08	23.07	24.16	26.69
★ 08-00230-30073			24					70	12,100	25.35	26.44	27.63	28.94	Free
★ 08-00230-30074			30					70	12,500	31.60	32.97	34.47	36.12	Free
★ 08-00230-30075			36					80	12,500	37.86	39.51	41.32	43.30	Free

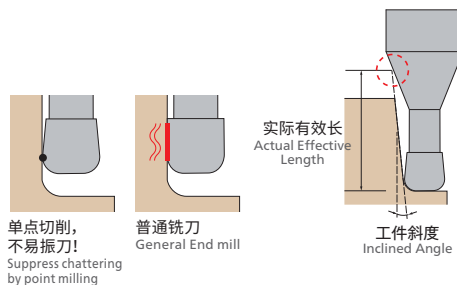
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MUGEN COATING
Long Neck Type



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										30°	1°	1°30'	2°	3°
★ 08-00230-40031	4	R0.1	16	3.2	3.8	12°	6	60	11,400	17.17	17.93	18.77	19.68	Free
★ 08-00230-40032			24					70	11,400	25.51	26.65	27.89	Free	Free
★ 08-00230-40033			32					70	11,400	33.85	35.36	37.01	Free	Free
★ 08-00230-40034			48					100	18,300	50.54	52.79	Free	Free	Free
★ 08-00230-40041		R0.2	16					60	11,400	17.16	17.92	18.75	19.66	Free
★ 08-00230-40042			24					70	11,400	25.50	26.64	27.88	Free	Free
★ 08-00230-40043			32					70	11,400	33.85	35.35	37.00	Free	Free
★ 08-00230-40044			48					100	18,300	50.53	52.78	Free	Free	Free
★ 08-00230-40051		R0.3	16					60	11,400	17.16	17.91	18.74	19.65	Free
★ 08-00230-40052			24					70	11,400	25.50	26.63	27.86	Free	Free
★ 08-00230-40053			32					70	11,400	33.84	35.34	36.99	Free	Free
★ 08-00230-40054			48					100	18,300	50.53	52.78	Free	Free	Free
★ 08-00230-40061		R0.5	16					60	11,400	17.15	17.89	18.71	19.61	Free
★ 08-00230-40062			24					70	11,400	25.49	26.61	27.83	Free	Free
★ 08-00230-40063			32					70	11,400	33.83	35.33	36.96	Free	Free
★ 08-00230-40064			48					100	18,300	50.52	52.76	Free	Free	Free
★ 08-00230-40071		R1	16					60	11,400	17.13	17.85	18.64	19.51	Free
★ 08-00230-40072			24					70	11,400	25.47	26.57	27.77	29.08	Free
★ 08-00230-40073			32					70	11,400	33.81	35.28	36.89	Free	Free
★ 08-00230-40074			48					100	18,300	50.50	52.71	Free	Free	Free
★ 08-00230-50031	5	R0.1	20	4	4.75	12°	6	70	14,300	21.46	22.42	Free	Free	Free
★ 08-00230-50032			40					90	18,300	42.32	Free	Free	Free	Free
★ 08-00230-50041		R0.2	20					70	14,300	21.46	22.41	Free	Free	Free
★ 08-00230-50042			40					90	18,300	42.31	Free	Free	Free	Free
★ 08-00230-50051		R0.3	20					70	14,300	21.45	22.40	Free	Free	Free
★ 08-00230-50052			40					90	18,300	42.31	Free	Free	Free	Free
★ 08-00230-50061		R0.5	20					70	14,300	21.44	22.38	Free	Free	Free
★ 08-00230-50062			40					90	18,300	42.30	Free	Free	Free	Free
★ 08-00230-50071		R1	20					70	14,300	21.42	22.34	Free	Free	Free
★ 08-00230-50072			40					90	18,300	42.28	Free	Free	Free	Free
★ 08-00230-60031	6	R0.1	24	5	5.7	-	6	90	14,300	Free	Free	Free	Free	Free
★ 08-00230-60032			48					110	22,700	Free	Free	Free	Free	Free
★ 08-00230-60041		R0.2	24					90	14,300	Free	Free	Free	Free	Free
★ 08-00230-60042			48					110	22,700	Free	Free	Free	Free	Free
★ 08-00230-60051		R0.3	24					90	14,300	Free	Free	Free	Free	Free
★ 08-00230-60052			48					110	22,700	Free	Free	Free	Free	Free
★ 08-00230-60061		R0.5	24					90	14,300	Free	Free	Free	Free	Free
★ 08-00230-60062			48					110	22,700	Free	Free	Free	Free	Free
★ 08-00230-60071		R1	24					90	14,300	Free	Free	Free	Free	Free
★ 08-00230-60072			48					110	22,700	Free	Free	Free	Free	Free

长颈
Long Neck

圆鼻
Corner Radius

涂层
Coating

P 碳素钢
Carbon Steel

P 合金钢
Alloy Steel

P 调质钢
Prehardened Steel

H ~52高硬度钢
HRC Hardened Steel

M 不锈钢
Stainless Steel

N 铝合金
Aluminium Alloy

N 铜合金
Copper

O 树脂
Resin

常规系列
无限涂层
长颈造型
Regular Line
MUGEN COATING
Long Neck Type