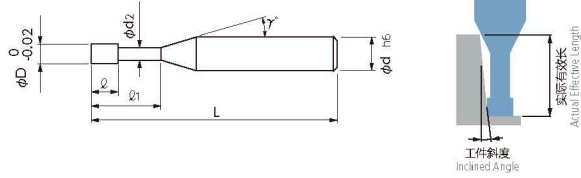


MHR430

无限涂层 4刃长颈平底铣刀(深沟加工用)

MUGEN-COATING 4-Flute Long Neck End Mill



- NS独创的深沟用铣刀，采用无限涂层。
- 适用于深沟加工的长颈避空型。
- MUGEN-COATING has been put on our original end mill for deep rib.
- It is very suitable for cutting on narrow and deep rib by long neck end mill.

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	淬火钢 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°
08-00210-01004	1	4	1.5	0.95	12°	4	50	4,000	4.29	4.48	4.69	4.92	5.46
08-00210-01006		6					50	4,000	6.37	6.66	6.97	7.32	8.11
08-00210-01008		8					50	4,000	8.46	8.84	9.25	9.71	10.77
08-00210-01010		10					50	4,000	10.55	11.02	11.53	12.10	13.42
08-00210-01012		12					50	4,000	12.63	13.20	13.82	14.49	16.08
08-00210-01016		16					50	6,400	16.80	17.55	18.38	19.28	21.39
08-00210-01106	1.1	6	1.7	1.05	12°	4	50	7,000	6.37	6.66	6.97	7.32	8.11
08-00210-01110		10					50	7,000	10.55	11.02	11.53	12.10	13.42
08-00210-01116		16					60	9,000	16.80	17.55	18.38	19.28	21.39
08-00210-01206	1.2	6	1.8	1.15	12°	4	50	4,000	6.37	6.66	6.97	7.32	8.11
08-00210-01208		8					50	4,000	8.46	8.84	9.25	9.71	10.77
08-00210-01210		10					50	4,000	10.55	11.02	11.53	12.10	13.42
08-00210-01212		12					50	4,000	12.63	13.20	13.82	14.49	16.08
08-00210-01216		16					60	5,600	16.80	17.55	18.38	19.28	21.39
08-00210-01306	1.3	6	1.9	1.25	12°	4	50	7,000	6.37	6.66	6.97	7.32	8.11
08-00210-01312		12					50	7,000	12.63	13.20	13.82	14.49	16.08
08-00210-01318		18					60	9,000	18.89	19.73	20.66	21.67	24.04
08-00210-01406	1.4	6	2.1	1.35	12°	4	50	4,000	6.37	6.66	6.97	7.32	8.11
08-00210-01408		8					50	4,000	8.46	8.84	9.25	9.71	10.77
08-00210-01410		10					50	4,000	10.55	11.02	11.53	12.10	13.42
08-00210-01412		12					50	4,000	12.63	13.20	13.82	14.49	16.08
08-00210-01414		14					60	4,000	14.72	15.38	16.10	16.89	18.73
08-00210-01416		16					60	5,600	16.80	17.55	18.38	19.28	21.39
08-00210-01422		22					60	7,200	23.06	24.09	25.22	26.46	Free
08-00210-01506	1.5	6	2.3	1.45	12°	4	50	4,000	6.37	6.66	6.97	7.32	8.11
08-00210-01508		8					50	4,000	8.46	8.84	9.25	9.71	10.77
08-00210-01510		10					50	4,000	10.55	11.02	11.53	12.10	13.42
08-00210-01512		12					50	4,000	12.63	13.20	13.82	14.49	16.08
08-00210-01514		14					60	4,000	14.72	15.38	16.10	16.89	18.73
08-00210-01516		16					60	4,000	16.80	17.55	18.38	19.28	21.39
08-00210-01518		18					60	4,000	18.89	19.73	20.66	21.67	24.04
08-00210-01520		20					60	4,000	20.97	21.91	22.94	24.07	Free

订购方法

请指定MHR430 刃径(D)×有效长(L1)。
When you order, indicate MHR430 (D)×(L1).

※(γ)为参考值。

※(γ) is reference value.

● 切削参数表记载于第D-090页

● Recommended Milling Conditions are shown on page D-090.

CBN 铣刀
Cubic Boron Nitride

钻石铣刀
Diamond

平底铣刀
Square

长颈平底
Long Neck Square

球头铣刀
Ball

长颈球头
Long Neck Ball

圆鼻铣刀
Radius

长颈圆鼻
Long Neck Radius

锥形铣刀
Taper

锥形球头
Taper Ball

锥形圆鼻
Taper Radius

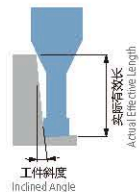
钻头
Drilling

螺纹铣刀
Thread milling

倒角刀
Chamfering

MHR430

无限涂层 4刃长颈平底铣刀(深沟加工用)
MUGEN-COATING 4-Flute Long Neck End Mill



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	(φ)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°
08-00210-01606	1.6	6	2.4	1.55	12°	4	50	4,000	6.37	6.66	6.97	7.32	8.11
08-00210-01608		8					50	4,000	8.46	8.84	9.25	9.71	10.77
08-00210-01610		10					50	4,000	10.55	11.02	11.53	12.10	13.42
08-00210-01612		12					50	4,000	12.63	13.20	13.82	14.49	16.08
08-00210-01614		14					60	4,000	14.72	15.38	16.10	16.89	18.73
08-00210-01616		16					60	4,000	16.80	17.55	18.38	19.28	21.39
08-00210-01618		18					60	4,000	18.89	19.73	20.66	21.67	Free
08-00210-01620		20					60	4,000	20.97	21.91	22.94	24.07	Free
08-00210-01626		26					70	9,200	27.23	28.45	29.78	31.25	Free
08-00210-01706	1.7	6	2.5	1.65	12°	4	50	5,000	6.37	6.66	6.97	7.32	8.11
08-00210-01714		14					60	5,000	14.72	15.38	16.10	16.89	18.73
08-00210-01724		24					70	12,000	25.15	26.27	27.50	28.85	Free
08-00210-01806	1.8	6	2.7	1.74	12°	4	50	4,000	6.37	6.66	6.97	7.32	8.11
08-00210-01808		8					50	4,000	8.46	8.84	9.25	9.71	10.77
08-00210-01810		10					50	4,000	10.55	11.02	11.53	12.10	13.42
08-00210-01812		12					50	4,000	12.63	13.20	13.82	14.49	16.08
08-00210-01814		14					60	4,000	14.72	15.38	16.10	16.89	18.73
08-00210-01816		16					60	4,000	16.80	17.55	18.38	19.28	21.39
08-00210-01818		18					60	4,000	18.89	19.73	20.66	21.67	Free
08-00210-01820		20					60	4,000	20.97	21.91	22.94	24.07	Free
08-00210-01825		25					70	5,600	26.19	27.36	28.64	30.05	Free
08-00210-01906	1.9	6	2.8	1.84	12°	4	50	7,000	6.40	6.69	7.00	7.34	8.15
08-00210-01916		16					60	7,000	16.83	17.58	18.40	19.31	Free
08-00210-01928		28					70	9,000	29.34	30.65	32.09	Free	Free
08-00210-02006	2	6	3	1.94	12°	4	50	4,000	6.40	6.69	7.00	7.34	8.15
08-00210-02008		8					50	4,000	8.48	8.86	9.28	9.74	10.80
08-00210-02010		10					50	4,000	10.57	11.04	11.56	12.13	13.45
08-00210-02012		12					50	4,000	12.66	13.22	13.84	14.52	16.11
08-00210-02014		14					60	4,000	14.74	15.40	16.12	16.92	18.76
08-00210-02016		16					60	4,000	16.83	17.58	18.40	19.31	Free
08-00210-02018		18					60	4,000	18.91	19.76	20.69	21.70	Free
08-00210-02020		20					60	4,000	21.00	21.94	22.97	24.10	Free

订购方法

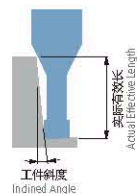
请指定MHR430 刃径(D)×有效长(L1)。
When you order, indicate MHR430 (D)×(L1).

※(γ)为参考值。

※(γ) is reference value.

●切削参数表记载于第D-090页

●Recommended Milling Conditions are shown on page D-090.

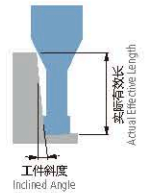


产品代码 Code No.	(D)刃径 Dia.	(L1)有效长 Effective Length	(L)刃长 Length of Cut	(d2)颈径 Neck Dia.	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(旧元) Retail Price	相对于工件斜度的有效长 Actual effective length depending on indined angle of workpiece				
									30°	1°	1° 30'	2°	3°
08-00210-02025	2	25	3	1.94	12°	4	70	4,400	26.21	27.39	28.67	Free	Free
08-00210-02030		30					70	5,600	31.43	32.83	34.37	Free	Free
08-00210-02508	2.5	8	3.7	2.4	12°	4	50	4,000	8.58	8.97	9.39	9.85	10.93
08-00210-02512		12					50	4,000	12.75	13.32	13.95	14.64	Free
08-00210-02516		16					60	4,000	16.93	17.68	18.51	19.42	Free
08-00210-02520		20					60	4,000	21.10	22.04	23.07	Free	Free
08-00210-02525		25					70	4,400	26.31	27.49	28.78	Free	Free
08-00210-03008	3	8	4.5	2.85	12°	6	50	5,600	8.71	9.10	9.52	9.99	11.08
08-00210-03012		12					50	5,600	12.88	13.45	14.08	14.78	16.39
08-00210-03016		16					60	5,600	17.05	17.81	18.65	19.56	21.70
08-00210-03020		20					60	5,600	21.22	22.17	23.21	24.35	27.01
08-00210-03025		25					70	5,600	26.43	27.62	28.91	30.33	Free
08-00210-03030		30					70	7,200	31.65	33.06	34.61	36.31	Free
08-00210-03515	3.5	15	5.5	3.35	12°	6	60	6,300	16.01	16.72	17.50	18.37	20.37
08-00210-03525		25					70	6,300	26.43	27.62	28.91	30.33	Free
08-00210-03535		35					80	8,000	36.86	38.51	40.32	Free	Free
08-00210-04012	4	12	6	3.8	12°	6	50	6,300	13.00	13.58	14.22	14.92	16.55
08-00210-04016		16					60	6,300	17.17	17.94	18.78	19.70	Free
08-00210-04020		20					60	6,300	21.34	22.30	23.34	24.49	Free
08-00210-04025		25					70	6,300	26.56	27.74	29.04	Free	Free
08-00210-04030		30					70	6,300	31.77	33.19	34.75	Free	Free
08-00210-04035		35					80	6,300	36.98	38.64	Free	Free	Free
08-00210-04040		40					90	8,000	42.20	44.09	Free	Free	Free
08-00210-04045		45					90	9,600	47.41	49.53	Free	Free	Free
08-00210-04050		50					100	12,100	52.63	54.98	Free	Free	Free
08-00210-05016	5	16	7.5	4.8	12°	6	60	8,000	17.17	17.94	18.78	Free	Free
08-00210-05025		25					70	8,000	26.56	27.74	Free	Free	Free
08-00210-05035		35					80	8,000	36.98	Free	Free	Free	Free
08-00210-05050		50					110	12,100	52.63	Free	Free	Free	Free
08-00210-06020	6	20	9	5.8	-	6	80	8,000	Free	Free	Free	Free	Free
08-00210-06030		30					90	8,000	Free	Free	Free	Free	Free
08-00210-06040		40					100	9,600	Free	Free	Free	Free	Free

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

MHR430

无限涂层 4刃长颈平底铣刀(深沟加工用)
MUGEN-COATING 4-Flute Long Neck End Mill



CBN铣刀
Cubic Boron Nitride

钻石铣刀
Diamond

平底铣刀
Square

长颈平底
Long Neck Square

球头铣刀
Ball

长颈球头
Long Neck Ball

圆鼻铣刀
Radius

长颈圆鼻
Long Neck Radius

锥形铣刀
Taper

锥形球头
Taper Ball

锥形圆鼻
Taper Radius

钻头
Drilling

螺纹铣刀
Thread milling

倒角刀
Chamfering

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°
08-00210-06050	6	50	9	5.8	—	6	110	12,100	Free	Free	Free	Free	Free
08-00210-08030	8	30	12	7.8	—	8	100	12,700	Free	Free	Free	Free	Free
08-00210-08050		50					120	15,800	Free	Free	Free	Free	Free
08-00210-08060		60					130	16,900	Free	Free	Free	Free	Free
08-00210-10040		40					110	13,700	Free	Free	Free	Free	Free
08-00210-10060	10	60	15	9.8	—	10	130	19,000	Free	Free	Free	Free	Free
08-00210-10080		80					150	21,100	Free	Free	Free	Free	Free

订购方法

请指定MHR430 刃径(D)×有效长(L1)。
When you order, indicate MHR430 (D)×(L1).

※(γ)为参考值。
※(γ) is reference value.

●切削参数表记载于第D-090页

●Recommended Milling Conditions are shown on page D-090.