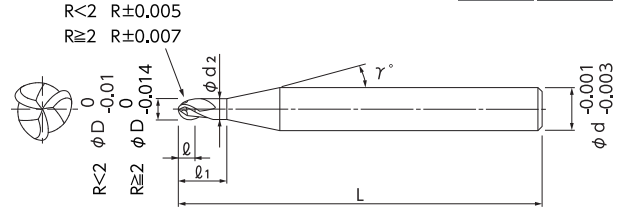


无限白金Plus涂层 高硬度钢材高效率加工用小径3刃长颈球头铣刀
MUGEN COATING PREMIUM Plus High Efficient 3-Flute small-diameter Long Neck Ball End Mill for Hardened Steel

共 31 种规格
Total 31 sizes

提升刀刃刚性和排屑性能， 进而实现“高效率·高精度”的模具加工

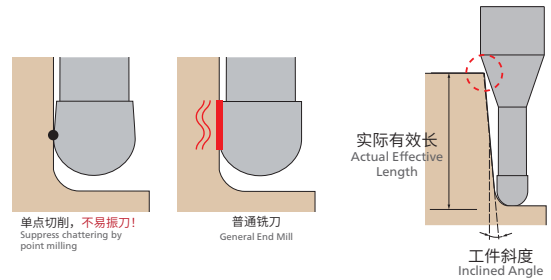
High-efficiency high-precision die machining with improved cutting edge rigidity and chip evacuation



- 优化了中心刃形状，可实现高切深的高效3刃球头铣刀。
- 对45 ~ 70HRC的高硬度钢材也兼具锋利度和耐磨损性，可实现长寿命、高效率加工。
- 柄径公差为 -0.001mm 至 -0.003mm 的高精度规格。
- High-efficiency 3-flute ball end mill optimizes a shape of central edge and enables high depth of cutting.
- Even hardened steel of 45 to 70HRC can be machining with long tool life and high efficiency.
- Shank diameter tolerance, high accuracy type, is -0.001 ~ -0.003.

加工材料 Work Material

高硬度钢 Hardened Steel	
45~60HRC	60~70HRC



◆ 2023年1月增加规格 ※ Released in Jan, 2023.

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

产品代码 Code No.	(R)球头半径 Radius	(ℓ_1)颈长 Under Neck Length	(ℓ_2)刃长 Length of Cut	(D)外径 Dia.	(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°
08-0634-01003	R0.1	0.3	0.15	0.2	0.18	12°	4	45	10,500	0.35	0.36	0.38	0.39	0.42
08-0634-01005		0.5	0.15	0.2	0.18	12°	4	45	10,500	0.56	0.58	0.61	0.63	0.69
08-0634-01505	R0.15	0.5	0.2	0.3	0.28	12°	4	45	10,400	0.56	0.58	0.60	0.62	0.67
08-0634-01506		0.6	0.2	0.3	0.28	12°	4	45	10,400	0.66	0.69	0.71	0.74	0.81
08-0634-01507		0.75	0.2	0.3	0.28	12°	4	45	10,400	0.82	0.85	0.88	0.92	1.01
08-0634-01510		1	0.2	0.3	0.28	12°	4	45	10,400	1.08	1.12	1.17	1.22	1.34
08-0634-02005	R0.2	0.5	0.3	0.4	0.37	12°	4	45	7,100	0.58	0.60	0.62	0.64	0.69
08-0634-02008		0.8	0.3	0.4	0.37	12°	4	45	7,100	0.89	0.93	0.96	1.00	1.09
08-0634-02010		1	0.3	0.4	0.37	12°	4	45	7,100	1.10	1.14	1.19	1.24	1.35
08-0634-02510	R0.25	1	0.35	0.5	0.46	12°	4	45	7,100	1.13	1.16	1.21	1.26	1.37
08-0634-02515		1.5	0.35	0.5	0.46	12°	4	45	7,100	1.65	1.71	1.78	1.85	2.03
08-0634-03010	R0.3	1	0.45	0.6	0.56	12°	4	45	6,100	1.12	1.16	1.20	1.25	1.35
08-0634-03015		1.5	0.45	0.6	0.56	12°	4	45	6,100	1.64	1.71	1.77	1.84	2.02
08-0634-03020		2	0.45	0.6	0.56	12°	4	45	6,100	2.17	2.25	2.34	2.44	2.68
08-0634-05020	R0.5	2	0.75	1	0.95	12°	4	45	5,700	2.18	2.26	2.34	2.43	2.65
08-0634-05025		2.5	0.75	1	0.95	12°	4	45	5,700	2.70	2.80	2.91	3.03	3.31
08-0634-05030		3	0.75	1	0.95	12°	4	45	5,700	3.22	3.35	3.48	3.63	3.97
08-0634-07503	R0.75	3	1.1	1.5	1.45	12°	4	45	6,500	3.21	3.33	3.45	3.58	3.89
08-0634-07504		4	1.1	1.5	1.45	12°	4	45	6,500	4.26	4.41	4.59	4.78	5.22
08-0634-10003	R1	3	1.5	2	1.94	12°	4	45	5,100	3.23	3.33	3.44	3.56	3.85
08-0634-10004		4	1.5	2	1.94	12°	4	45	5,100	4.27	4.42	4.58	4.76	5.17
08-0634-10006		6	1.5	2	1.94	12°	4	45	5,100	6.36	6.60	6.86	7.15	7.83
◆ 08-0634-15006	R1.5	6	2.5	3	2.85	12°	6	60	7,000	6.56	6.78	7.03	7.31	7.95
◆ 08-0634-15008		8	2.5	3	2.85	12°	6	60	7,000	8.64	8.96	9.31	9.70	10.60
◆ 08-0634-15010		10	2.5	3	2.85	12°	6	60	7,000	10.73	11.14	11.59	12.09	13.26
◆ 08-0634-20008	R2	8	3	4	3.8	12°	6	65	7,400	8.74	9.05	9.38	9.74	10.60
◆ 08-0634-20010		10	3	4	3.8	12°	6	65	7,400	10.83	11.22	11.66	12.14	13.25
◆ 08-0634-20012		12	3	4	3.8	12°	6	65	7,400	12.91	13.40	13.94	14.53	15.91
◆ 08-0634-30010	R3	10	6	6	5.7	-	6	65	8,800	Free	Free	Free	Free	Free
◆ 08-0634-30015		15	6	6	5.7	-	6	65	8,800	Free	Free	Free	Free	Free
◆ 08-0634-30020		20	6	6	5.7	-	6	65	8,800	Free	Free	Free	Free	Free

订购方式
How to Order

请指定 MRBSH330 球头半径(R)×颈长(ℓ_1).
When you order, indicate MRBSH330(R)×(ℓ_1).

※(γ)为参考值。
※(γ) is reference value.