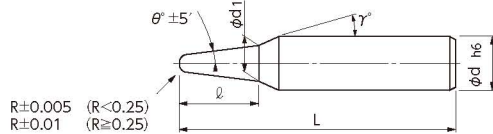


MTB230

无限涂层 锥形球头铣刀

MUGEN-COATING 2-Flute Taper Ball End Mill



- 可同时进行锥面与球面加工。
- 规格最小R0.1，锥度半角最大15°
- It is possible to cut both taper and ball simultaneously.
- The available sizes are from radius 0.1 and single angles up to 15°.



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
			~55HRC	55HRC~					
◎	◎	◎	◎		◎		◎	◎	◎

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

产品代码 Code No.	球头半径 Radius	(θ) 锥半角 Taper Angle	(L) 刀长 Length of Cut	(d) 球面直径 Dia at Large End	(γ) 颈角 Neck Taper Angle	(d) 柄径 Shank Dia	(L) 全长 Overall Length	定价(日元) Retail Price
08-00540-01004	R0.1	1°	1	0.23	9°	4	50	25,000
08-00540-01006		2°	1	0.26	9°	4	50	25,000
08-00540-01008		3°	1	0.29	9°	4	50	25,000
08-00540-01012		5°	1	0.36	9°	4	50	25,000
08-00540-01016		7°	1	0.42	9°	4	50	26,500
08-00540-01019		10°	1	0.52	10°	4	50	30,000
08-00540-01504	R0.15	1°	1.5	0.35	9°	4	50	20,000
08-00540-01506		2°	1.5	0.39	9°	4	50	20,000
08-00540-01508		3°	1.5	0.44	9°	4	50	20,000
08-00540-01512		5°	1.5	0.54	9°	4	50	20,000
08-00540-01516		7°	1.5	0.63	9°	4	50	21,500
08-00540-01519		10°	1.5	0.78	10°	4	50	23,500
08-00540-01524	R0.2	15°	1.5	1.03	15°	4	50	29,000
08-00540-02004		1°	2	0.46	9°	4	50	15,000
08-00540-02006		2°	2	0.53	9°	4	50	15,000
08-00540-02008		3°	2	0.59	9°	4	50	15,000
08-00540-02012		5°	2	0.72	9°	4	50	15,500
08-00540-02016		7°	2	0.84	9°	4	50	16,500
08-00540-02019	R0.25	10°	2	1.04	10°	4	50	18,500
08-00540-02024		15°	2	1.38	15°	4	50	23,000
08-00540-02504		1°	2.5	0.58	9°	4	50	14,000
08-00540-02506		2°	2.5	0.66	9°	4	50	14,000
08-00540-02508		3°	2.5	0.74	9°	4	50	14,000
08-00540-02512		5°	2.5	0.90	9°	4	50	14,500
08-00540-02516	R0.3	7°	2.5	1.06	9°	4	50	15,500
08-00540-02519		10°	2.5	1.30	10°	4	50	17,500
08-00540-02524		15°	2.5	1.72	15°	4	50	22,000
08-00540-03004		1°	3	0.69	9°	4	50	13,000
08-00540-03006		2°	3	0.79	9°	4	50	13,000
08-00540-03008		3°	3	0.88	9°	4	50	13,000
08-00540-03012	R0.3	5°	3	1.07	9°	4	50	13,500
08-00540-03016		7°	3	1.27	9°	4	50	14,500
08-00540-03019		10°	3	1.56	10°	4	50	16,500
08-00540-03024		15°	3	2.07	15°	4	50	21,000

产品代码 Code No.	球头半径 Radius	(θ) 锥半角 Taper Angle	(L) 刀长 Length of Cut	(d) 球面直径 Dia at Large End	(γ) 颈角 Neck Taper Angle	(d) 柄径 Shank Dia	(L) 全长 Overall Length	定价(日元) Retail Price
08-00540-03504	R0.35	1°	3.5	0.81	9°	4	50	13,000
08-00540-03506		2°	3.5	0.92	9°	4	50	13,000
08-00540-03508		3°	3.5	1.03	9°	4	50	13,000
08-00540-03512		5°	3.5	1.25	9°	4	50	13,500
08-00540-03516		7°	3.5	1.48	9°	4	50	14,500
08-00540-03519		10°	3.5	1.82	10°	4	50	16,500
08-00540-03524	R0.4	15°	3.5	2.41	15°	4	50	21,000
08-00540-04004		1°	4	0.93	9°	4	50	13,000
08-00540-04006		2°	4	1.05	9°	4	50	13,000
08-00540-04008		3°	4	1.18	9°	4	50	13,000
08-00540-04012		5°	4	1.43	9°	4	50	13,500
08-00540-04016		7°	4	1.69	9°	4	50	14,500
08-00540-04019	R0.45	10°	4	2.08	10°	4	50	16,500
08-00540-04024		15°	4	2.76	15°	4	50	21,000
08-00540-04504		1°	4	1.02	9°	4	50	13,000
08-00540-04506		2°	4	1.15	9°	4	50	13,000
08-00540-04508		3°	4	1.27	9°	4	50	13,000
08-00540-04512		5°	4	1.52	9°	4	50	13,500
08-00540-04516	R0.5	7°	4	1.74	9°	4	50	14,500
08-00540-04519		10°	4	2.17	10°	4	50	16,500
08-00540-04524		15°	4	2.83	15°	4	50	21,000
08-00540-05004		1°	4	1.12	9°	4	55	12,500
08-00540-05006		2°	4	1.25	9°	4	55	12,500
08-00540-05008		3°	4	1.37	9°	4	55	12,500
08-00540-05012	R0.6	5°	4	1.62	9°	4	55	13,000
08-00540-05016		7°	4	1.87	9°	4	55	14,000
08-00540-05019		10°	4	2.25	10°	4	55	16,000
08-00540-05024		15°	4	2.91	15°	4	55	20,000
08-00540-06004		1°	5	1.35	9°	4	55	12,500
08-00540-06006		2°	5	1.50	9°	4	55	12,500
08-00540-06008	R0.6	3°	5	1.66	9°	4	55	12,500
08-00540-06012		5°	5	1.97	9°	4	55	13,000
08-00540-06016		7°	5	2.29	9°	4	55	14,000
08-00540-06019		10°	5	2.77	10°	4	55	16,000
08-00540-06024		15°	5	3.60	15°	4	55	20,000

订购方法

请指定MTB230 球头半径(R)×锥度半角(θ)。
When you order, indicate MTB230 (R)×(θ).

※ (γ) 为参考值。

※ (γ) is reference value.

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
PCD・单晶 PCD・Monocrystal	涂层 Coating	涂层 Coating	无涂层 Non-Coating	涂层 Coating	无涂层 Non-Coating	涂层 Coating	无涂层 Non-Coating	涂层 Coating	无涂层 Non-Coating				

MTB230

无限涂层 锥形球头铣刀

MUGEN-COATING 2-Flute Taper Ball End Mill

CBN铣刀 Cubic Boron Nitride CBN Mill	PCD・Monocrystal P C D : 单晶	涂层 Coating
钻石铣刀 Diamond Diamond Mill	涂层 Coating	涂层 Coating
平底铣刀 Square Square Mill	无涂层 Non-Coating	无涂层 Non-Coating
长颈平底铣刀 Long Neck Square Long Neck Square Mill	无涂层 Non-Coating	无涂层 Non-Coating
球头铣刀 Ball Ball Mill	涂层 Coating	涂层 Coating
长颈球头铣刀 Long Neck Ball Long Neck Ball Mill	无涂层 Non-Coating	无涂层 Non-Coating
圆鼻铣刀 Radius Radius Mill	涂层 Coating	涂层 Coating
长颈圆鼻铣刀 Long Neck Radius Long Neck Radius Mill	无涂层 Non-Coating	无涂层 Non-Coating
锥形铣刀 Taper Taper Mill	涂层 Coating	涂层 Coating
锥形球头铣刀 Taper Ball Taper Ball Mill	无涂层 Non-Coating	无涂层 Non-Coating
锥形圆鼻铣刀 Taper Radius Taper Radius Mill	无涂层 Non-Coating	无涂层 Non-Coating
钻头 Drilling Drilling Mill		
螺纹铣刀 Thread milling Thread milling Mill		
倒角刀 Chamfering Chamfering Mill		

产品代码 Code No.	侧斜半径 Radius	(θ)锥度角 Taper Angle	(ℓ)刃长 Length of Cut	(ℓ ₀)刃端半径 Dia. at Lip End	(γ)顶角 Nck. Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
08-00540-07504	R0.75	1°	6	1.68	9°	4	55	12,500
08-00540-07506		2°	6	1.87	9°	4	55	12,500
08-00540-07508		3°	6	2.05	9°	4	55	12,500
08-00540-07512		5°	6	2.42	9°	4	55	13,000
08-00540-07516		7°	6	2.80	9°	4	55	14,000
08-00540-07519		10°	6	3.37	10°	4	55	16,000
08-00540-07524		15°	6	4.37	—	4	55	20,000
08-00540-08004	R0.8	1°	6	1.78	9°	4	55	12,500
08-00540-08006		2°	6	1.96	9°	4	55	12,500
08-00540-08008		3°	6	2.15	9°	4	55	12,500
08-00540-08012		5°	6	2.52	9°	4	55	13,000
08-00540-08016		7°	6	2.89	9°	4	55	14,000
08-00540-08019		10°	6	3.46	10°	4	55	16,000
08-00540-08024		15°	6	4.44	—	4	55	22,000
08-00540-10004	R1	1°	8	2.24	9°	4	60	13,000
08-00540-10006		2°	8	2.49	9°	4	60	13,000
08-00540-10008		3°	8	2.74	9°	4	60	13,000
08-00540-10012		5°	8	3.23	9°	4	60	13,500
08-00540-10016		7°	8	3.73	7°	4	60	14,500
08-00540-10019		10°	8	4.50	10°	6	60	16,500
08-00540-10024		15°	8	5.82	15°	6	60	21,000
08-00540-12504	R1.25	1°	10	2.81	9°	4	60	13,500
08-00540-12506		2°	10	3.11	9°	4	60	13,500
08-00540-12508		3°	10	3.42	9°	4	60	13,500
08-00540-12512		5°	10	4.04	9°	6	60	14,000
08-00540-12516		7°	10	4.67	9°	6	60	15,000
08-00540-12519		10°	10	5.62	—	6	60	16,000
08-00540-12524		15°	10	7.28	—	6	60	23,200
08-00540-15004	R1.5	1°	12	3.37	9°	4	60	14,000
08-00540-15006		2°	12	3.74	—	4	60	14,000
08-00540-15008		3°	12	4.10	9°	6	60	14,000
08-00540-15012		5°	12	4.85	9°	6	60	14,500
08-00540-15016		7°	12	5.60	—	6	60	15,500
08-00540-15019		10°	12	6.75	—	6	60	17,400
08-00540-15024		15°	12	8.73	—	8	60	22,200

订购方法

请指定MTB230 球头半径(R)×锥度半角(θ)。
When you order, indicate MTB230 (R)×(θ)。
※(γ)为参考值。
※(γ) is reference value.

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

产品代码 Code No.	侧斜半径 Radius	(θ)锥度角 Taper Angle	(ℓ)刃长 Length of Cut	(ℓ ₀)刃端半径 Dia. at Lip End	(γ)顶角 Nck. Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) Retail Price
08-00540-20004	R2	1°	16	4.49	9°	6	65	14,500
08-00540-20006		2°	16	4.98	9°	6	65	14,500
08-00540-20008		3°	16	5.47	9°	6	65	14,500
08-00540-20012		5°	16	6.46	—	6	65	15,300
08-00540-20016		7°	16	7.47	—	8	65	18,500
08-00540-20019		10°	16	9.00	—	8	65	21,100
08-00540-20024		15°	16	11.64	—	10	70	26,400