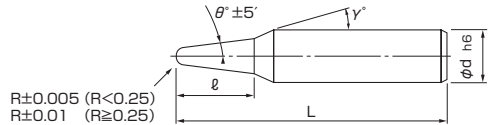


MUGEN-COATING 2-Flute Taper Ball End Mill

CBN
Cubic Boron
Nitride

ダイヤモンド
Diamond



- テーパー加工とボール加工が同時に可能。
- サイズは最小R0.1 から、片角は最大 15°までシリーズ化。
- It is possible to cut both taper and ball simultaneously.
- The available sizes are from radius 0.1 and single angles up to 15°.



被削材		Work Material							
炭素鋼 Carbon Steels	合金鋼・工具鋼 Alloy Steels・Tool Steels	プリハードン鋼・調質鋼 Prehardened Steels	焼き入れ鋼 Hardened Steels		ステンレス鋼 Stainless Steels	チタン合金 Titanium Alloy	アルミ合金 Aluminum	銅合金 Copper	樹脂 Plastic
			~55HRC	55HRC~					

単位【寸法：mm / 価格：円】
Unit (size: mm / Retail Price: JPY)

コードNo. Code No.	内ボール半径 Radius	(θ)片角 Taper Angle	(ℓ)刃長 Length of Cut	(d)大端径 Dia. at Large Dia.	(γ)首角 Neck Taper Angle	(φ)シャンク径 Shank Dia.	(L)全長 Overall Length	標準価格 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

コードNo. Code No.	内ボール半径 Radius	(θ)片角 Taper Angle	(ℓ)刃長 Length of Cut	(d)大端径 Dia. at Large Dia.	(γ)首角 Neck Taper Angle	(φ)シャンク径 Shank Dia.	(L)全長 Overall Length	標準価格 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	R0.5	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		R0.6	1°	5	1.35	9°	4	55	12,500
08-00540-06006			2°	5	1.50	9°	4	55	12,500
08-00540-06008	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	R0.6	15°	5	3.60	15°	4	55	20,000	

オーダー方法 MTB230 ボール半径寸法(R)×片角(θ)を指示して下さい。
When you order, indicate MTB230 (R) × (θ).

※(γ)は参考値です。
※(γ) is reference value.