Size R0.2~R3

DCLB

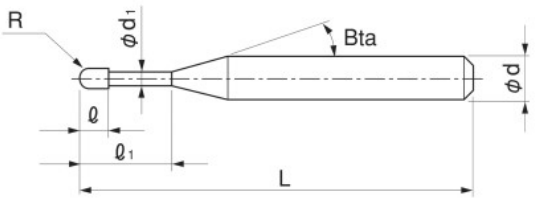
MG DIA 35° R ±0.01 Shank Dia 0/-0.005

Material Applications (★ Highly Recommended ● Recommended ○ Suggested)

Work Material																
Carbon Steels S45C S55C	Alloy Steels SK / SCM SUS	Prehardened Steels NAK HPM	Hardened Steels ~50HRC	Hardened Steels ~55HRC	Hardened Steels ~60HRC	Hardened Steels ~65HRC	Hardened Steels ~70HRC	Cast Iron	Aluminum Alloys	Graphite	Copper	Plastics	Glass Filled Plastics	Titanium Alloys	Heat Resistant Alloys	Cemented Carbide	Hard Brittle (Non-Metallic) Materials
									○	★	○	○	●				○

Features

Diamond coated 2 flute long neck ball end mills for Graphite Electrodes.
A highly adhesive coating base, offers long tool life and excellent wear resistance.



The shank taper angle shown is not an exact value and to avoid contact with the work piece, we recommend the user controls the precise value of this angle. Shank taper angle should not make contact with the work piece.

Total 68 models

Unit (mm)

Model Number	Radius of Ball Nose R	Effective Length ℓ1	Length of Cut ℓ	Neck Diameter φd1	Shank Taper Angle Bta	Overall Length L	Shank Diameter φd	Suggested Retail Price ¥	Effective Length by Inclined Angles 30′	1°	1° 30′	2°	3°
DCLB 2004-0020	R0.2	2	0.32	0.37	16°	45	4	13,000	2.24	2.41	2.54	2.65	2.85
DCLB 2004-0030		3				45	4	13,000	3.33	3.52	3.67	3.80	4.08
DCLB 2004-0040		4				45	4	13,000	4.39	4.61	4.78	4.94	5.30
DCLB 2004-0050		5				45	4	13,000	5.45	5.69	5.88	6.08	6.52
DCLB 2005-0020	R0.25	2	0.4	0.47	16°	45	4	13,000	2.29	2.49	2.64	2.78	3.01
DCLB 2005-0030		3				45	4	13,000	3.39	3.61	3.79	3.95	4.24
DCLB 2005-0060		6				45	4	13,000	6.59	6.89	7.13	7.37	7.91
DCLB 2005-0100		10				45	4	13,000	10.78	11.16	11.53	11.93	12.80
DCLB 2006-0020	R0.3	2	0.48	0.57	16°	45	4	13,000	2.33	2.55	2.73	2.89	3.16
DCLB 2006-0030		3				45	4	13,000	3.44	3.70	3.90	4.08	4.40
DCLB 2006-0040		4				45	4	13,000	4.53	4.82	5.05	5.24	5.62
DCLB 2006-0060		6				45	4	13,000	6.67	7.01	7.28	7.52	8.07
DCLB 2006-0100		10				45	4	13,000	10.89	11.31	11.68	12.08	12.96
DCLB 2006-0120		12				45	4	13,000	12.98	13.44	13.88	14.36	15.41
DCLB 2008-0100	R0.4	10	0.64	0.77	16°	45	4	13,000	10.88	11.30	11.67	12.07	12.94
DCLB 2008-0120		12				50	4	13,000	12.97	13.43	13.87	14.34	15.39
DCLB 2008-0160		16				50	4	13,000	17.13	17.69	18.27	18.90	20.28

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