

2 Flutes DIA for Graphite Milling



Size $\phi 0.4 \sim \phi 6$

DCLS

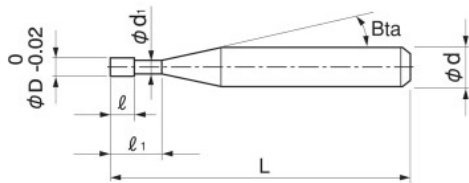


Material Applications (★ Highly Recommended ● Recommended ○ Suggested)

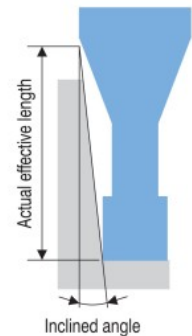
Work Material																	
Carbon Steels S45C S55C	Alloy Steels SK / SCM SUS	Prehardened Steels NAK HPM	Hardened Steels					Cast Iron	Aluminum Alloys	Graphite	Copper	Plastics	Glass Filled Plastics	Titanium Alloys	Heat Resistant Alloys	Cemented Carbide	Hard Brittle (Non-Metallic) Materials
			~50HRC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

Features

2 Flute Diamond coated Long Neck Square End Mills for milling Graphite Electrodes.
New diamond coating, with a highly adhesive base layer, offers excellent wear resistance and long tool life.



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 45 models

Unit (mm)

Model Number	Outside Diameter ϕD	Effective Length ℓ_1	Length of Cut ℓ	Neck Diameter ϕd_1	Shank Taper Angle Bta	Overall Length L	Shank Diameter ϕd	Suggested Retail Price ¥	Effective Length by Inclined Angles				
									30'	1°	1° 30'	2°	3°
DCLS 2004-020	0.4	2	0.8	0.37	16°	45	4	16,000	2.26	2.43	2.57	2.68	2.89
DCLS 2004-040		4							4.40	4.63	4.80	4.97	5.34
DCLS 2004-060		6							6.51	6.77	7.00	7.24	7.79
DCLS 2005-020	0.5	2	1	0.47	16°	45	4	16,000	2.32	2.52	2.68	2.82	3.07
DCLS 2005-040		4							4.48	4.74	4.95	5.13	5.51
DCLS 2005-060		6							6.60	6.91	7.15	7.40	7.96
DCLS 2006-020	0.6	2	1.2	0.57	16°	45	4	16,000	2.36	2.60	2.78	2.95	3.23
DCLS 2006-040		4							4.55	4.85	5.08	5.29	5.68
DCLS 2006-060		6							6.69	7.04	7.31	7.56	8.13
DCLS 2006-080		8							8.80	9.19	9.51	9.84	10.58
DCLS 2006-100		10							10.90	11.33	11.71	12.12	13.03

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