

2 Flutes DIA for Graphite Milling



Size **R0.5~R1**

DCTNB

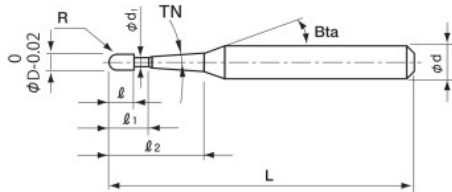
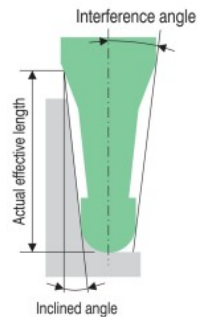


Material Applications (★ Highly Recommended ● Recommended ○ Suggested)

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 Taper Neck Ball End Mills for Graphite Electrodes.
 Taper Neck design improves the tool rigidity and provides high-efficiency & high-precision milling.
 Original and optimized Diamond coating offers outstanding resistance to wear on Graphite.
 Excellent adhesion coating with long-life tool design.



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 15 models

Unit (mm)

Model Number	Radius of Ball Nose R	Neck Taper Angle TN	Neck Length ℓ_2	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 ¥	Interference Angle	Effective Length by Inclined Angles - : Interference				
												30'	1°	1°30'	2°	3°
DCTNB 2010-200-1.8	R0.5	0.9°	20	4	0.8	0.96	16°	80	6	18,730	5.25°	-	20.24	20.90	21.61	23.20
DCTNB 2010-250-1.8			25					80	6	21,850	4.48°	-	25.27	26.10	26.99	28.98
DCTNB 2010-400-1.8			40					100	6	25,470	3.11°	-	40.36	41.70	43.13	46.32
DCTNB 2010-600-1.8			60					120	6	33,220	2.21°	-	60.49	62.50	64.65	No Interference
DCTNB 2010-700-1.8			70					120	6	33,220	1.93°	-	70.55	72.90	No Interference	No Interference
DCTNB 2010-800-1.8			80					140	6	33,490	1.72°	-	80.62	83.30	No Interference	No Interference
DCTNB 2010-900-1.8			90					150	6	35,230	1.54°	-	90.68	93.71	No Interference	No Interference
DCTNB 2020-200-1.8	R1	0.9°	20	7	1.6	1.9	16°	80	6	18,730	4.55°	-	20.34	21.00	21.69	23.25
DCTNB 2020-250-1.8			25					80	6	21,850	3.84°	-	25.38	26.20	27.08	29.03
DCTNB 2020-400-1.8			40					100	6	25,470	2.61°	-	40.47	41.80	43.22	No Interference
DCTNB 2020-450-1.8			45					100	6	25,470	2.36°	-	45.51	47.00	48.60	No Interference
DCTNB 2020-600-1.8			60					120	6	33,220	1.83°	-	60.59	62.59	No Interference	No Interference
DCTNB 2020-700-1.8			70					120	6	33,220	1.59°	-	70.66	73.00	No Interference	No Interference
DCTNB 2020-800-1.8			80					140	6	33,490	1.41°	-	80.72	No Interference	No Interference	No Interference
DCTNB 2020-1000-1.8			100					150	6	37,910	1.15°	-	100.85	No Interference	No Interference	No Interference