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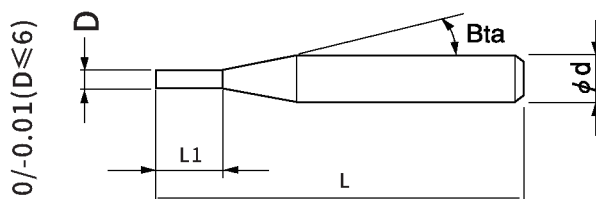
DLC
CoatingSD
0-0.005

Highly recommend ★ ○ ○
/Recommend/Suggest

DIE STEEL	Grade
Carbon steels (S45C/S55C)	
Alloy steels (SK/SCM/SUS)	
Prehardened steels (NAK/HPM)	
Hardened steels (~55/~60/~70HRC)	
SPECIAL MATERIAL	
Aluminum alloys	
Graphite	
Copper	
Plastics	
Tungsten copper	★
Carbon fiber	
Titanium alloys	
Heat resistant alloys	
Cemented carbide	
Hard brittle (non-metallic) material	

Specialty

- * Ultra-fine micro-particles tungsten steel raw materials developed for tungsten copper;
- * The special flute design and coating achieve high surface finish and ultra-long life of tungsten copper material.



2 Flutes

Total 13 models

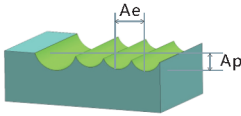
Unit (mm)

Model Number	D Outside Diameter	L1 Length Of Cut	L2 Effective Length	BTa Shank Taper Angle	L Overall Length	T Number Of Flutes	d Shank Diameter	In Stock
CGS2-0010030	0.1	0.3	-	15°	50	2	4	○
CGS2-0020060	0.2	0.6	-	15°	50	2	4	○
CGS2-0030090	0.3	0.9	-	15°	50	2	4	○
CGS2-0040120	0.4	1.2	-	15°	50	2	4	○
CGS2-0050150	0.5	1.5	-	15°	50	2	4	○
CGS2-0060180	0.6	1.8	-	15°	50	2	4	○
CGS2-0080240	0.8	2.4	-	15°	50	2	4	○
CGS2-0100300	1	3	-	15°	50	2	4	○
CGS2-0154500	1.5	4.5	-	15°	50	2	4	○
CGS2-0200600	2	6	-	15°	50	2	4	○
CGS2-0300900	3	9	-	15°	50	2	4	○
CGS2-0401200	4	12	-	-	50	2	4	○
CGS2-0601600	6	16	-	-	60	2	6	○

*New size added from this series.

○ Stocked items.

Square



Side Milling

Work Material	Tungsten Copper	
(mm) Diameter	(min-1) Spindle	(mm/min) Feed
D1.0	8000	100
D1.5	6000	150
D2.0	5000	200
D3.0	5000	300
D4.0	5000	400
D6.0	4000	400

Contour Milling

Work Material	Tungsten Copper	
(mm) Diameter	(min-1) Speed	(mm/min) Feed
D 0.1	30000	120
D 0.2	30000	150
D 0.3	30000	200
D 0.4	26000	200
D 0.5	24000	300
D 0.6	20000	500
D 0.8	16000	800
D 1.0	13000	1000
D 1.5	13000	1200
D 2.0	12000	1500
D 3.0	11000	1800
D 4.0	10000	2200
D 6.0	9000	2500

Note:

*Decrease both spindle speed and feed rate proportionally when the milling parameters exceed the machine's maximum spindle speed;

*Recommend using a non-contact measuring device to avoid damaging the precision tip point;

*Decrease both spindle speed and feed rate proportionally in case of chattering.