













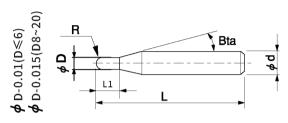
R≤3

Highly recommend ★ ○ ○ /Recommend/Suggest



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.



Total 21 models Unit (mm)

Mo Num		D Outside Diameter	L1 Length of Cut	BTa Shank Taper Angle	L Overall Length	T Number of Flutes	d Shank Diameter	In Stock
CGR2-00	2004	R0.1	0.4	15°	50	2	4	0
CGR2-003	3006	R0.15	0.6	15°	50	2	4	0
CGR2-00-	4008	R0.2	0.8	15°	50	2	4	0
CGR2-00	5010	R0.25	1	15°	50	2	4	0
CGR2-00	6012	R0.3	1.2	15°	50	2	4	0
CGR2-00	8016	R0.4	1.6	15°	50	2	4	0
CGR2-01	0020	R0.5	2	15°	50	2	4	0
CGR2-01:	5030	R0.75	3	15°	50	2	4	0
CGR2-02	0040	R1	4	15°	70	2	4	0
CGR2-03	0060-3	R1.5	6	15°	60	2	3	0
CGR2-03	0060	R1.5	6	15°	60	2	4	0
CGR2-04	0080	R2	8	-	50	2	4	0
CGR2-04	0080-75	R2	8	-	75	2	4	0
CGR2-04	0080-100	R2	8	-	100	2	4	0
CGR2-06	0120	R3	12	-	60	2	6	0
CGR2-06	0120-75	R3	12	-	75	2	6	0
CGR2-06	0120-100	R3	12	-	100	2	6	0
CGR2-08	0180	R4	18	-	75	2	6	0
CGR2-08	0180-100	R4	18	-	100	2	8	0
CGR2-10	0200	R5	20	-	100	2	10	0
CGR2-12	0300	R6	30	-	100	2	12	0

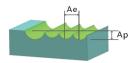
^{*}New size added from this series.

Ball

2 Flutes

O Stocked items.





Processing Parameters

Work Material	Tungsten Copper						
Radius of Ball Nose	(min-1) Speed	(mm/min) Feed	Ap (mm)	Ae (mm)			
R0.1	30000	150	0.006	0.006			
R0.15	26000	200	0.006	0.006			
R0.2	26000	300	0.006	0.006			
R0.25	22000	400	0.015	0.015			
R0.3	20000	600	0.015	0.015			
R0.4	20000	800	0.02	0.02			
R0.5	18000	1000	0.02	0.03			
R0.75	16000	1200	0.02	0.04			
R1	14000	1800	0.02	0.05			
R1.5	13000	2200	0.03	0.06			
R1.5	13000	2200	0.03	0.06			
R2	12000	2400	0.03	0.06			
R2	12000	2400	0.03	0.06			
R3	10000	2600	0.03	0.08			
R4	9000	2800	0.03	0.1			
R5	8000	2800	0.03	0.12			
R6	7000	2800	0.03	0.12			

Note:

2 Flutes

Ball

 $^{^{\}star}\, \text{Decrease both spindle speed and feed rate proportionally if overhang length exceeds 3xd;}$

^{*} Decrease both spindle speed and feed rate proportionally when the milling parameters exceed the machine's maximum spindle speed.