

CATALOG OF TUNGSTEN CARBIDE PLATES

Tungsten Carbide Plates

Anvils and Pressure Cylinders

Date of Preparation: 08/19/2011

Revision 2011

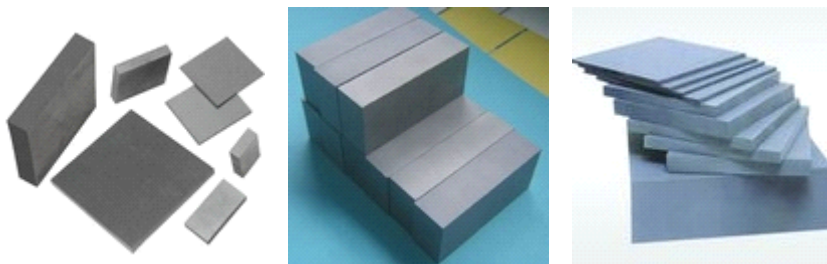
Reason for Issue: Updated Format

Chemical Name: Tungsten Carbide

Chemical Family: Refractory Metal (non-ferrous metal)

Chemical Formula: WC

Manufacturer: E-Biz Center of China Tungsten Industry Association



MORE INFORMATION

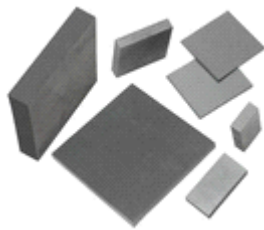
Web: www.carbidestungsten.com

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1.Common carbide plates



Common carbide plates

- 1, Length: 10.0-500mm, Width: 10.0-500 mm
- 2, High: 1.0-100.0 mm
- 3, Surface: Sintering surface, Ground surface
- 4, Composition: WC+Co, WC+TiC+TaC+Co
- 5, Can be designed according to customer's requirements.

Tungsten carbide plates are used for cutting metals, woods and other materials. The advantages of our **carbide plates** are smooth cutting, fast cutting speed and have a long service time. Unlimited ranges of grades and sizes of carbide plates are available in our company.

Grade, properties and recommended applications for Common carbide plates

Grade	Density(g/cm ³)	hardness(HRA)	T.R.S(N/mm ²)	Application
YG6	14.95	89.5	2580	
YG8	14.74	89.0	2710	

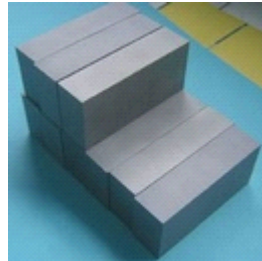
The specifications and tolerance of tungsten carbide plate

Specification(mm)	Tolerance (mm)			
	Blank			Coiningcompact
	High	Width	Length	
(1.0-70)x100x100	+0.5	-/+2.2	-/+2.2	-/+0.01
(1.0-70)x105x105	+0.5	-/+2.2	-/+2.2	-/+0.01

(5.0-70)x150x150	+0.5	-/+2.2	-/+2.2	-/+0.01
(5.0-70)x200x200	+0.5	-/+2.2	-/+2.2	-/+0.01

Note: Other grades and specifications can be designed according to customer's requirements.

2. Carbide plates for mould



Carbide plates for mould

- 1, Length: 10.0-500mm, Width: 10.0-500 mm
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Grade, properties and recommended applications for Carbide plates for mould

Grade	Density(g/cm ³)	hardness(HRA)	T.R.S(N/mm ²)	Application
YG11	14.45	88.0	2400	
YG15	14.05	87.1	2700	
YG20	13.55	85.0	2800	
YL10.2	14.45	91.5 (1600 HV3)	2400	
YFD35	14.30	92.5 (1750 HV3)	3200	
YFD25	14.49	93.0 (1850 HV3)	3000	

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MZ30	14.15	89.7	3200	
MZ50	13.40	86.2	3000	

	YFD25,YFD35	MZ30,YL10.2	MZ30
	YG11,YG15	YG15	MZ50
	MZ30,YL10.2	MZ30,YG11	YG615,YG20

YG11	G5	GC30/H50S	K92	D60/G55	RD60	KG5	GB20
YG15	TB6	B40S	K3109	G65	EA50	KG6	GB30
MZ50/YG20	TB7		K91	G70/C70	EA60	ST7	
YL10.2	KD10	TSM30	KF310	D40	FD15	WF15	HB40F
YFD35	EF10	MG18	KR855	F10	FD25	WF10	HB30F
YFD25	EF05	TSM20		F08			HB20F
MZ30	KD20/WD20	H40S/MG30	K94/K3833	D50	RD30/RD50	KG4/KG7	GB15

The specifications and tolerance of tungsten carbide plate

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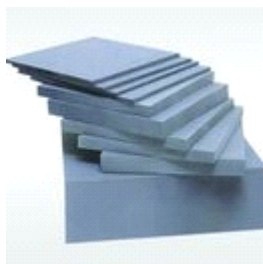
Note: Other grades and specifications can be designed according to customer's requirements.

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3. Carbide plates for profile cutter



Carbide plates for profile cutter

- 1, Length: 10.0-500mm, Width: 10.0-500 mm
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Grade, properties and recommended applications for Carbide plates for profile cutter

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YG6A	14.89	91.5	2350	
YG6X	14.93	91.0	2480	
YS2T	14.45	91.5	2380	

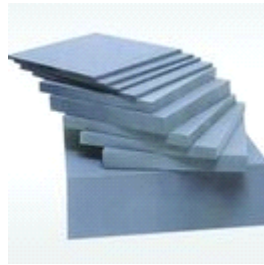
The specifications and tolerance of tungsten carbide plate

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Carbide plates for profile cutter



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