



## □ Tungsten Carbide Ball

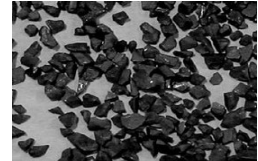
**Tungsten Carbide Ball** or called **cemented carbide ball**, made of tungsten carbide mixed with cobalt 6%, 8% or 10% as resistant binder, is used where extreme hardness and wear resistance is required, in such applications as wearing, ball screws, valves, grinding medium and flow meters. These balls are also used for coining and as pivots, detents, tips for gauges and tracers, inspection tools, and in highly corrosive conditions



No.	Item	Standard Specification	
1	Tungsten Carbide Ball	Cobalt 6%, 8%, 10%	Size mm
2	Hardness	89-92 HRA	
	TRS	2400 N/mm <sup>2</sup>	
	Density	14.85 g/cm <sup>3</sup>	
	Porosity	A <sub>02</sub> B <sub>02</sub> C <sub>00</sub>	
	Elasticity Modulus	92,000-93,000 KPSI	
	Magnetic Properties	Slightly magnetic	
3	Packing	2-5kg in small cardboard box inside, carton box outside	

## □ Tungsten Carbide Grit

**Tungsten Carbide Grit**, with cobalt 6%, 8%, 10%, also called Crushed Cemented Carbide, Crushed Tungsten Carbide, is a kind of material by crushing tungsten carbide with cobalt bonded alloy, usually anvil scrap and other alloy scrap to mesh size required for different application, which widely used in metal bonded products for abrasion of tough materials such as composites, fiberglass, reinforced plastics, rubber and other specialized parts by thermal spraying process.



No.	Item	Standard Specification			
1	Tungsten Carbide Grit	YG6	YG8	YG10	
2	Chemical % WC Balance	Co	6.0±0.5	8.0±0.5	10.0±0.5
		Fe	0.2%	0.2%	0.2%
		Ti	0.1%	0.1%	0.1%
3	Hardness HRA	94	92	90	
	Density	14.50-14.85g/cm <sup>3</sup>			
4	Size	3-5, 8-14, 10-16, 12-20, 16-24, 60-80 Mesh			
5	Packing	In iron drum with plastic bag inside, 50kgs net each			

## □ Tungsten Granule

**Tungsten Granule**, grey polyhedral granule, 99.5% min, is mainly used as the flux for C-S analysis in metallurgical industry.



No.	Item	Standard Specification				
1	Chemical	W 99.5%Min, C 0.001%max, S 0.001%max				
2	Size	μm	1.650-0.830	0.830-0.365	0.365-0.245	0.245-0.175
		mesh	-10~+20	-20~+40	-40~+60	-60~+80
3	Packing	1kg in plastic bottle				