



WC Cladded Wear Plates & Wear Parts

Tungsten Carbide Wear Plate for Severe Wear Resistance Applications

Description: EWAC TUNGPLATE S6 is a WC cladded Wear Plate specially designed for severe abrasive wear resistant conditions even at elevated temperatures. Ultra-hard WC particles (Angular / Spherical / Macrocrystalline) are uniformly distributed in tough nickel alloy matrix without stress-relieving cracks on the cladded surface.

Applications: Applications involving sliding, grooving, rolling impact wear. Wear properties up to 600 °C combined with good corrosion resistance.

Unique Features:

- o Cladding with low dilution
- Exhibit high hardness
- Uniform distribution of WC hard phases
- Withstands both abrasive & erosive wear
- High wear factor

Typical Properties:

○ Hardness: 60 – 65 HRc

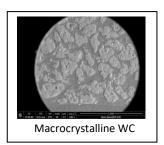
Wear Factor: 125 – 150 (ASTM G-65A)

Angular WC

Spherical WC

Wear Plate Dimension:

Base Plate Thickness	Cladding Thickness	Wear Plate Size
5 or 6 mm	3 - 5 mm	1000 x 2000 mm
	6 - 8 mm	1000 x 1000 mm
8 to 30 mm	3 - 5 mm	1000 x 3000 mm
	5 - 15 mm	1000 x 2000 mm
	15 - 22 mm	1000 x 1000 mm





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