



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:

- 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)

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 |

