



Alloy	Ni	Cr	B	C	Others
TMR60	Balance	15	3.0	0.9	Fe,Si
<b>Chemical Name:</b>	Nickel-Chromium-Boron-Carbon				
<b>Typical Hardness:</b>	54-61 HRC				

### Specification:

- AWS 5.21 ERNiCr-C
- AWS 5.13 ECoCr-C

### Hardfacing Process:

- TIG/GTAW (Gas Tungsten Arc Welding)
- Oxy - Acetylene

### Standard Sizing & Packaging:

**Diameter**  
 .157" (4.0 mm)  
 .187" (4.8 mm)

**Packaging**  
 1m, 2m in length

### Application:

- Pump components
- Shaft sleeves and bushing
- Extrusion screw

### Product Overview

**TMR60** is a nickel-chrome-silicon-boron alloy rod designed for a wide variety of applications, such as pump components, shaft sleeves, bushings, and extrusion screws. The complex borides and carbides in a nickel matrix offers TMR60 the ability to resist high abrasion, wear and corrosion. The smooth deposit maintains a high level of hardness up 650°C (1200°F).

**Contact:** [tmetal.com/contact](https://tmetal.com/contact)