Datasheet

TMW60

June 2020

Alloy	Ni	Cr	B	C	Others
TMW60	Balance	15	3.5	0.6	Fe, Si
Chemical Name:	Nickel-Chromium-Boron-Carbon				
Typical Hardness:	55-60 HRC				

Specification:

- AWS 5.21 ERCNiCr-C
- AWS 5.13 ECoCr-C

Hardfacing Process:

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

Standard Sizing & Packaging:

Diameter	Packaging
.045” (1.2 mm)	15 kg / spool
.062’’ (1.6 mm)	15 kg / spool
.157’’ (4.0 mm)	1m, 2m in length
.187” (4.8 mm)	

Application:

- Slurry pipe
- Shaft sleeves and bushing
- Extrusion screws
- Pump components

Product Overview

TMW60 is a nickel-chrome-silicon-boron alloy wire designed for a wide variety of applications, such as slurry pipe, shaft sleeves and bushing, and extrusion screws. The complex borides and carbides in a nickel matrix offers TMW60 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