



Alloy	Co	Cr	C	Others
TMW21	Balance	28	0.25	Ni,Mo,Fe,Si
Chemical Name:	Cobalt-Chromium-Tungsten-Carbon			
Typical Hardness:	28-40 HRC			

Specification:

- AWS 5.21 ERCCoCr-E

Hardfacing Process:

- MIG/GMAW (Gas Metal Arc Welding)

Standard Sizing & Packaging:

Diameter

.045" (1.2 mm)

.062" (1.6 mm)

Packaging

15 kg / spool

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Application:

- Ball and gate valves
- Forging dies
- Sealing rings

Product Overview

TMW21 has excellent resistance to thermal and mechanical shock and retain its strength over a wide range of temperatures. TMW21 is excellent for erosion resistance, galling, cavitation, and metal to metal wear resistance.

Contact: tmetal.com/contact