



Alloy	Co	Cr	W	C	Others
TMW12	Balance	30	8	1.5	Ni,Mo,Fe,Si
Chemical Name:	Cobalt-Chromium-Tungsten-Carbon				
Typical Hardness:	45-50 HRC				

Specification:

Hardfacing Process:

- AWS 5.21 ERCCoCr-B
- MIG/GMAW (Gas Metal Arc Welding)

Standard Sizing & Packaging:

Application:

Diameter
 .045" (1.2 mm)
 .062" (1.6 mm)

Packaging
 15 kg / spool
 15 kg / spool

- Saw tips
- Exhaust Valves
- Extrusion screw flights

Product Overview

TMW12 is a cobalt-chromium-tungsten alloy and can be processed by MIG/GMAW. It produces surfaces that resist to high-temperature, strong corrosive and abrasive environments. It has proven to be ideal for use in the timber, plastics, paper and chemical industries.

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