

TMP T-400

Aug 2025



Alloy	Co	Cr	Mo	C	Si	Others
TMP T-400	Balance	8.5	29	<0.08	2.5	Ni, Fe
Powder Type:	Gas Atomized					
Particles Sizes Available:	-53/+10µm, -45/+10µm, and others upon request					
Typical Hardness:	53 HRC					
Apparent Density:	-					
Flow Rate:	-					

Application:

- Valve seats
- Cutting blades
- Seal rings
- Other erosion and abrasion wear applications

Process:

- HVOF (High-Velocity Oxy-Fuel Spray)

Hazards:

Observe safe practices.

See TMetal material safety data sheet for details.

Standard Sizes & Packaging:**Particle Size**

-53/+10µm,
-45/+10µm

And others upon request

Packaging

5kg/ bottle

Product Overview

TMP T-400 combines excellent mechanical wear resistance with good corrosion resistance. T-400 contains hard intermetallic phases of Mo and Si which give the alloy excellent wear properties over a wide temperature range. T-400 exhibits outstanding resistance to galling. T-400C offers improved oxidation corrosion and high temperature wear resistance over T-400 as well as improved thermal shock resistance.

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