

# TMP T-800

Aug 2025



Alloy	Co	Cr	Mo	C	Si	Others
<b>TMP T-800</b>	Balance	17.5	28.5	<0.08	3.4	Ni, Fe
<b>Powder Type:</b>	Gas Atomized					
<b>Particles Sizes Available:</b>	-53/+10µm, -45/+10µm, and others upon request					
<b>Typical Hardness:</b>	54-62 HRC					
<b>Apparent Density:</b>	-					
<b>Flow Rate:</b>	-					

**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-800** was designed to resist high temperature wear and abrasion and has exceptional oxidation and corrosion resistance due to its high chromium content. T-800 exhibits outstanding resistance to galling and is particularly suitable where lubrication is a problem. TMP T-800 has been used in a wide range of applications, most notably as a wear surface in aircraft engines. Other applications include galvanizing roll bushings, cams, retainer rings, diesel piston rings, mechanical seals, bearing seats, valve trim, and pump components.

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