

HOT WORK TOOL STEELS

Available Product Shapes

Open Die Forgings

Product Description

Liners for containers and pressure pads for the extrusion of copper and copper alloys. (billet temperature higher than 750°C).

Properties

Highly creep and corrosion resisting, precipitation hardening austenitic steel. Modified A286 for extrusion tools.

Material designation	
~1.2779	SEL
~X6NiCrTi26-15	EN

Chemical composition

C	Si	Mn	Cr	Mo	Ni	V	Ti	Al
0.02	≤ 0,20	1.40	15.00	1.30	25.00	0.30	2.60	0.25

Physical Properties at 20°C / 68°F

Thermal Expansions

Temperature (°C / °F)	100 / 212	200 / 392	300 / 572	400 / 752	500 / 932	600 / 1112	700 / 1292
Thermal expansion (10 ⁻⁶ m/(m.K) / 10 ⁻⁶ inch/(inch.F))	16.5 / 9.167	16.8 / 9.333	17.1 / 9.5	17.3 / 9.611	17.5 / 9.722	17.7 / 9.833	18 / 10

For more information see www.voestalpine.com/boehler-edelstahl

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ONE STEP AHEAD.