

# ČELICI ZA HLADNI RAD

## Available Product Shapes

Ploče

## Opis proizvoda

Rezni alati (matrice i probojci), alati za prosijecanje i probijanje, alati za izradu navoja, alati za obradu drveta, strojni noževi za drvo, papirnu i metalnu industriju, mjerni alati i uređaji, kalupi za industriju plastike.

## Karakteristike

Alatni čelik za kaljenje u ulju uz minimalnu promjenu dimenzija.

Material designation		Standards	
1.2510	SEL	4957	EN ISO
T31501	UNS	A681	ASTM
100MnCrW4	EN		
O1	AISI		
~SKS3	JIS		

## Kemijski sastav

C	Si	Mn	Cr	V	W
0,95	0,25	1,10	0,55	0,10	0,55

## Material characteristics

	Compressive strength	Dimensional stability during heat treatment	Toughness	Wear resistance abrasive
<b>BÖHLER K460</b>	★★★★	★	★★★★★	★★
<b>BÖHLER K245</b>	★★	★	★★★★★	★
<b>BÖHLER K455</b>	★★★	★	★★★★★	★
<b>BÖHLER K720</b>	★★	★	★★★★★	★

## Physical Properties at 20°C / 68°F

### Thermal Expansions

Temperature (°C)	100	200	300	400	500
Thermal expansion (10 <sup>-6</sup> m/(m.K))	11,5	12	12,2	12,5	12,8

For more information see [www.voestalpine.com/boehler-edelstahl](http://www.voestalpine.com/boehler-edelstahl)

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ONE STEP AHEAD.