

**datasheet.available.designations**

**datasheet.applications**
>

datasheet.norms.materialNumbers		datasheet.norms.norms	
1.2714	SEL	4957	EN ISO
~T61206	UNS	G4404	JIS
55NiCrMoV7	EN		
~L6	AISI		
~SKT4	JIS		

**datasheet.chemicalComposition**

C	Si	Mn	Cr	Mo	Ni	V
0,55	0,25	0,75	1,10	0,50	1,70	0,10

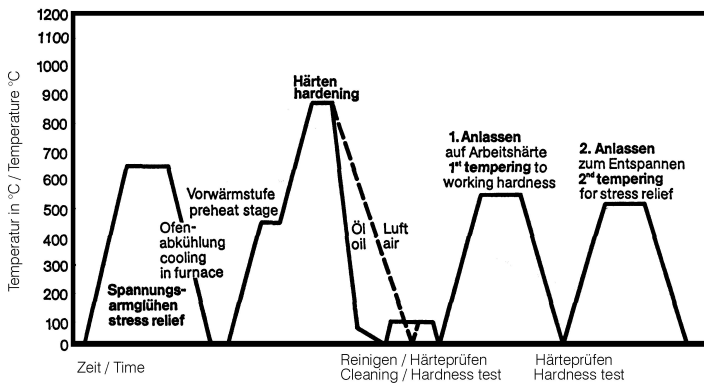
**datasheet.materialCharacteristics**

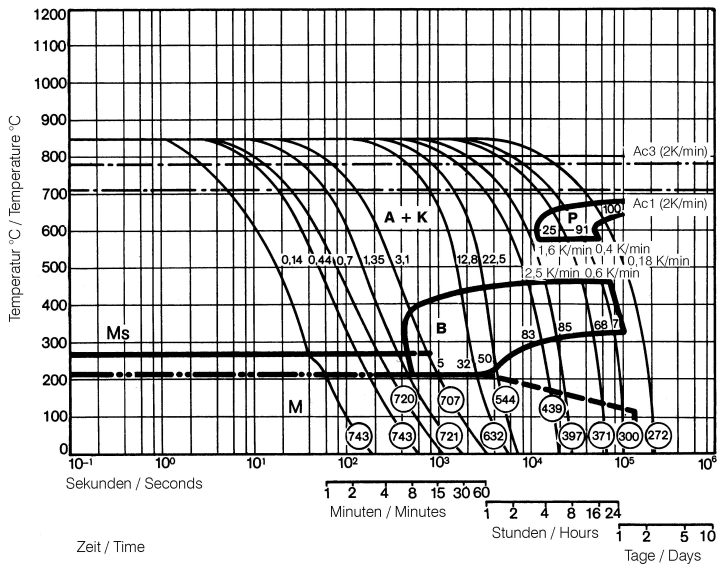
	datasheet.materialCharacteristicsHighTemperatureCorrosionResistance	datasheet.materialCharacteristicsHighTemperatureCorrosionResistance	datasheet.materialCharacteristicsHighTemperatureCorrosionResistance	datasheet.materialCharacteristicsHighTemperatureCorrosionResistance
<b>BÖHLER W500</b>	★★	★★★★	★	★★★
<b>BÖHLER W300</b> <b>ISODISC®</b>	★★	★★★★	★★	★★★★★
<b>BÖHLER W302</b> <b>ISODISC®</b>	★★★	★★★★	★★★	★★★★★
<b>BÖHLER W303</b> <b>ISODISC®</b>	★★★★	★★★★	★★★★	★★★★★

**datasheet.deliveryCondition**

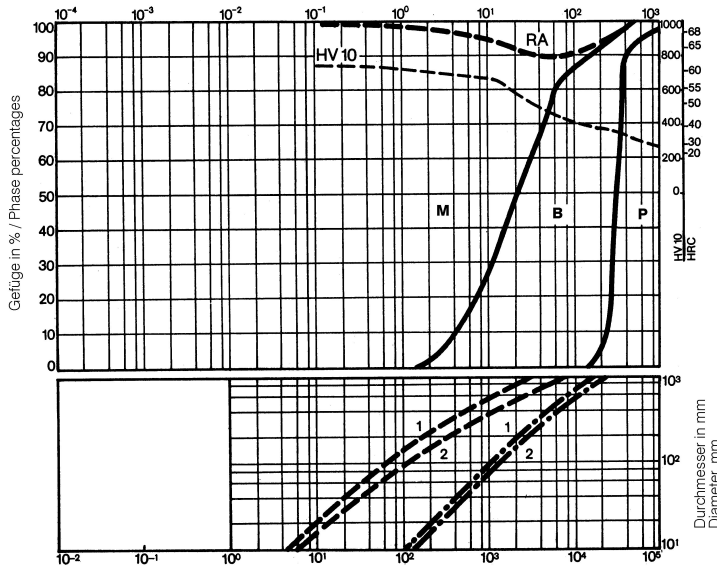
**datasheet.heatTreatment**

datasheet.temperature (°C)	650 datasheet.delivery-condition.to 700	
datasheet.temperature (°C)	600 datasheet.delivery-condition.to 650	
datasheet.temperature (°C)	830 datasheet.delivery-condition.to 870	
datasheet.temperature (°C)	870 datasheet.delivery-condition.to 900	

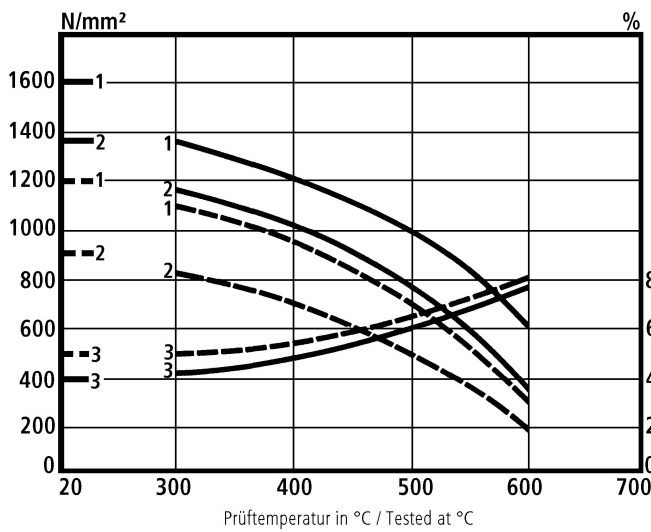
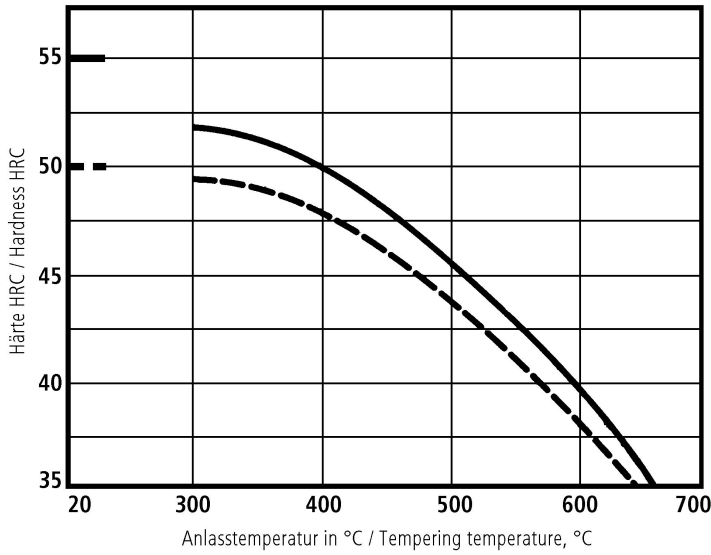




Abkühlungsparameter  $\lambda$  / Cooling parameter  $\lambda$ .



Kühlzeit von 800°C auf 500°C in Sek. / Time of cooling from 800°C to 500°C (1472 - 932°F) in seconds



datasheet.physicalProperties.temperature (°C)	20
datasheet.physicalProperties.density (kg/dm <sup>3</sup> )	7,8
datasheet.physicalProperties.thermalConductivity (W/(m.K))	36
datasheet.physicalProperties.specificHeat (J/(kg.K))	460
datasheet.physicalProperties.electricalResistance (Ohm.mm <sup>2</sup> /m)	0,3
datasheet.physicalProperties.elasticModulus (10 <sup>3</sup> N/mm <sup>2</sup> )	215

**datasheet.thermalExpansions.headline**

datasheet.temperature (°C)	100	200	300	400	500	600	700
datasheet.thermalExpansion (10 <sup>-6</sup> m/(m.K))	12,5	13,1	13,4	13,9	14	14,3	14,5

datasheet.more-info

**voestalpine BÖHLER Edelstahl GmbH & Co KG**

Mariazeller Straße 25

8605 Kapfenberg, AT

T. +43/50304/20-0

E. [info@bohler-edelstahl.at](mailto:info@bohler-edelstahl.at)[www.voestalpine.com/bohler-edelstahl](http://www.voestalpine.com/bohler-edelstahl)**voestalpine**

ONE STEP AHEAD.