

# 1.2329 (46CrSiMoV7)

## Typical Composition Mass-%

C	Si	Mn	Cr	Mo	Ni	V
0,45	0,65	0,75	1,70	0,30	0,50	0,20

## Properties

1.2329 has high high-temperature strength and excellent tempering resistance. Processing is favoured by its excellent weldability and flame-cuttability as well as its good machinability. The surface properties can be optimised by nitriding and PVD/CVD coating.

## Delivery Condition

✂ annealed (+A) max. 229 HBW

## Application Area

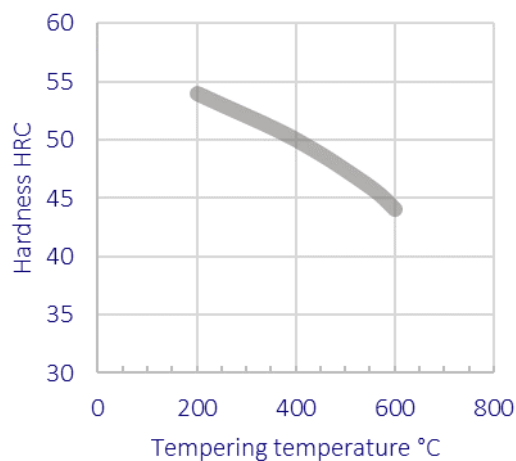
Components and tools with high heat resistance requirements in combination with good workability.

## Typical Applications

- ✂ Pressure disks for extrusion
- ✂ Mould press dies

## Heat Treatment Guideline Values

	Temperature [°C]	Cooling medium
Annealing (+A)	780 - 800	Furnace, Air
Quenching and tempering (+QT)	880 - 920 (Hardening) Tempering: see graph below	Warmbath, oil, air Air



## Quality

- ISO 9001
- ISO 14001
- ISO 50001
- Approvals acc. to standards like ABS, BV, DNV ...
- Customer specific approval certificates

## Innovation

- Fully automated ultrasonic testing up to dia. 1000 mm
- CO<sub>2</sub>-reduction by innovative heat treatment solutions

## Flexibility

- Product range from fine wire to forging
- Directly from stock close at hand

## Individuality

- Dimensions
- Tolerances
- Surface qualities
- Delivery conditions

## Your personal contact:

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