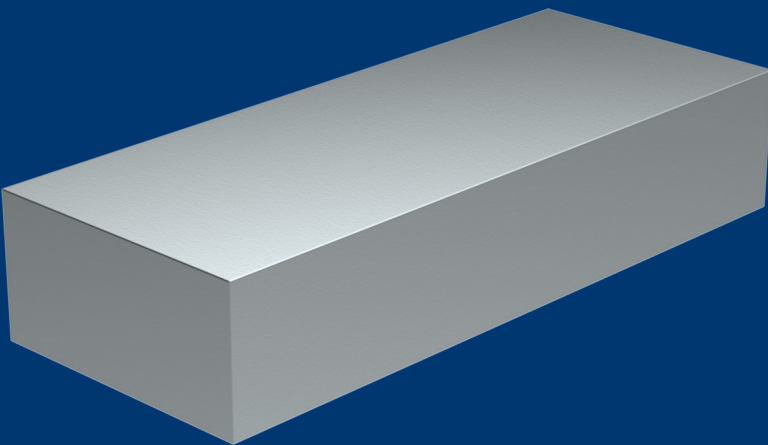


# DATA SHEET

**SIMOLD<sup>...</sup>**

2085



**W.NR.:** 1.2085  
**EN / DIN:** ~X33CrS16  
**AISI:** /

### CHEMICAL COMPOSITION

C	Si	Mn	Cr
0.36	0.40	0.45	16.00

### ULTRASOUND EXAMINATION

EN 10228-3 art.2-4,  
 SEP1921 E/e

### DELIVERY CONDITION

quenched and tempered at 280-325 HB

### PROCESS

conventional

### HEAT TREATMENT

soft annealing	cooling	hardness (HB)
810-880 °C	furnace	<230
hardening	quenching	hardness (HRC)
1000-1050 °C	oil, polymer	51-55

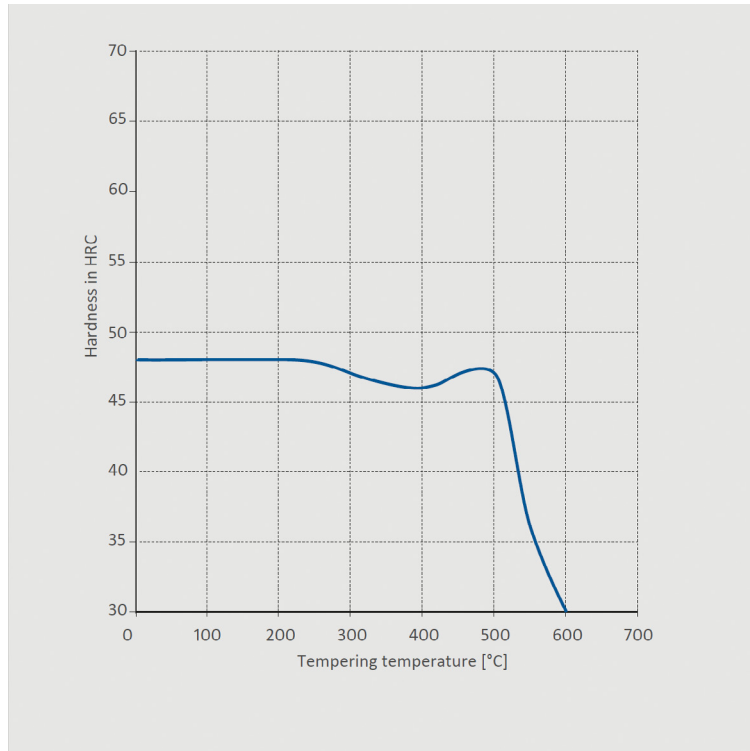
### PROPERTIES

This is quenched and tempered martensitic stainless steel with a lower polishing capability compared to SIMOLD 2083. The S content improves the machinability.

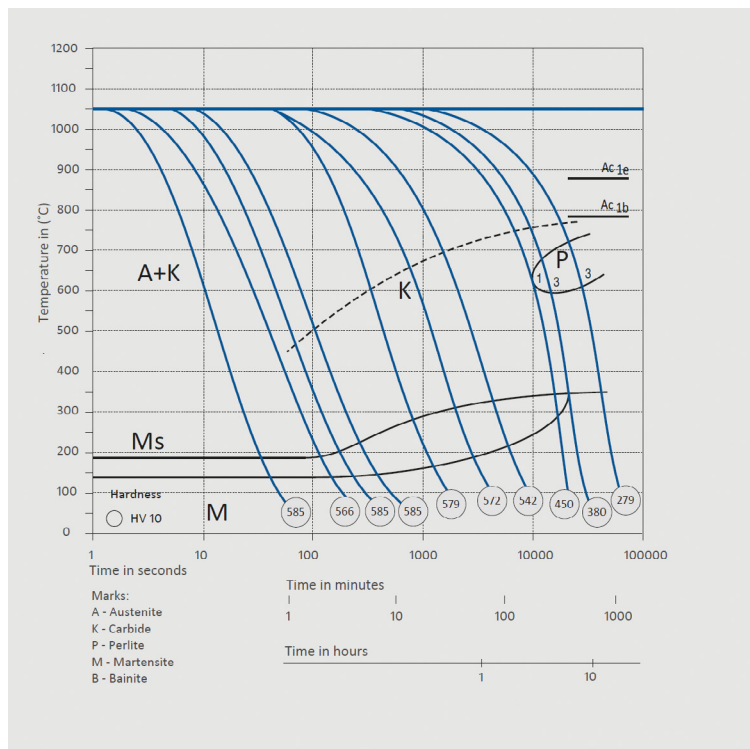
### APPLICATION

Mould frames, components, plastic moulds. Especially suitable for processing aggressive plastics where high corrosion resistance is needed.

### TT



### CCT



#### DISCLAIMER

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