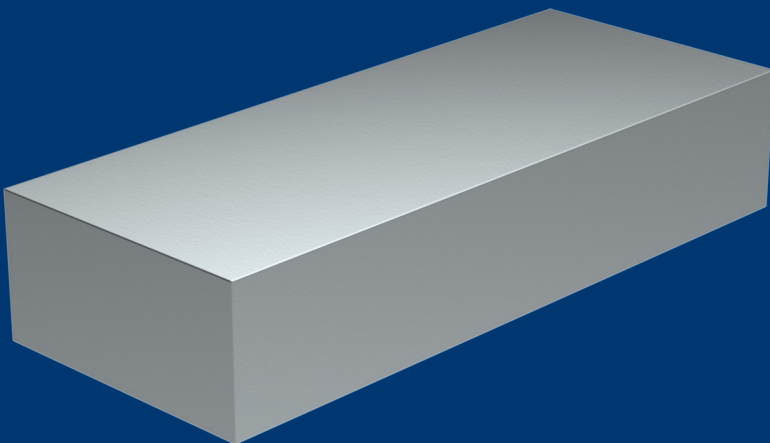


# DATA SHEET

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

2316



**W.NR.:** 1.2316  
**EN / DIN:** X38CrMo16  
**AISI:** /

## CHEMICAL COMPOSITION

C	Si	Mn	Cr	Mo	Ni
0.38	Max 1.00	Max 1.00	16.50	1.00	Max 1.00

## ULTRASOUND EXAMINATION

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

## DELIVERY CONDITION

tempered at 280-325 HB

## PROCESS

conventional

## HEAT TREATMENT

soft annealing	cooling	hardness (HB)
750-850 °C	furnace	<280
hardening	quenching	hardness (HRC)
980-1050 °C	Oil, N2 overpressure, air	49

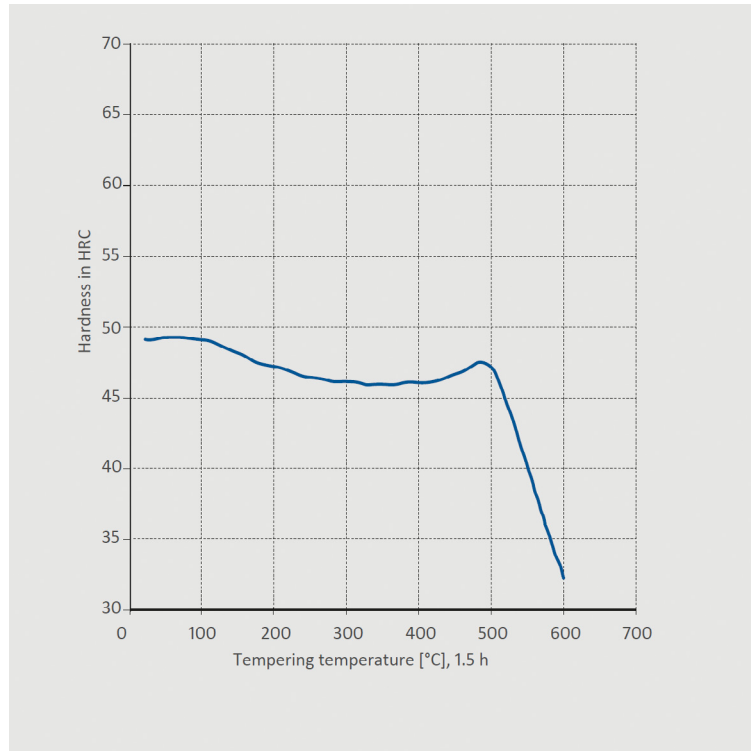
## PROPERTIES

This is a tempered stainless martensitic steel with a high Cr content, which increases the corrosion resistance of steel. Increased corrosion resistance in comparison to SIMOLD 2083R. Steel has also good abrasion resistance. Good polishing properties and good toughness. For the most demanding applications and large cross-sections.

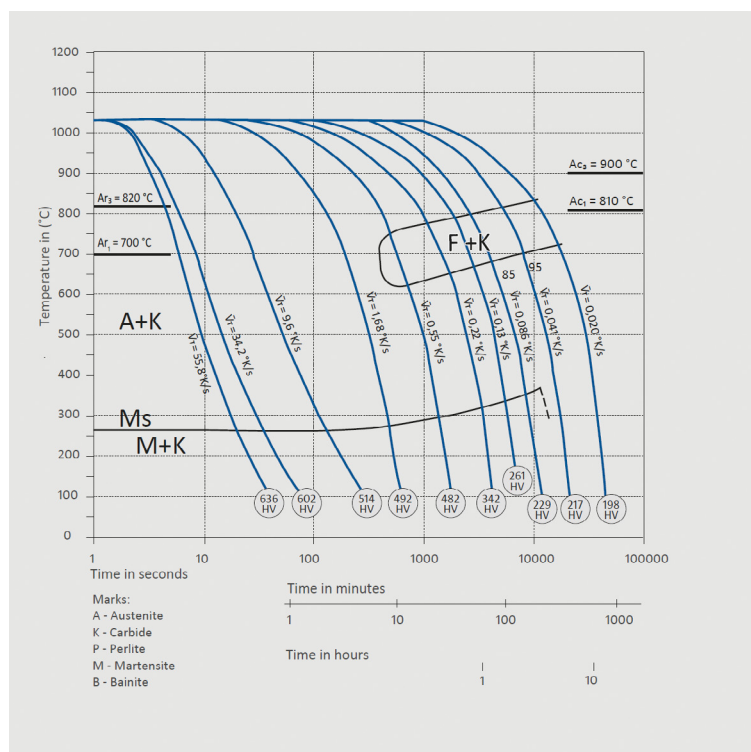
## APPLICATION

Tools for corrosive plastics and polymers, for the food industry. It is often used in the compression of chemically-aggressive substances.

TT



CCT



**DISCLAIMER**

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