

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

### → CHEMICAL COMPOSITION (W%)

C	Si	Mn	Cr
0.36	0.40	0.45	16.00

→ DELIVERY CONDITION: quenched and tempered at 280-325 HB

→ PROCESS: conventional

### → HEAT TREATMENT

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

### → PROPERTIES

This is quenched and tempered martensitic stainless steel with a lower polishing capability compared to RS 131. The S content improves the machinability.

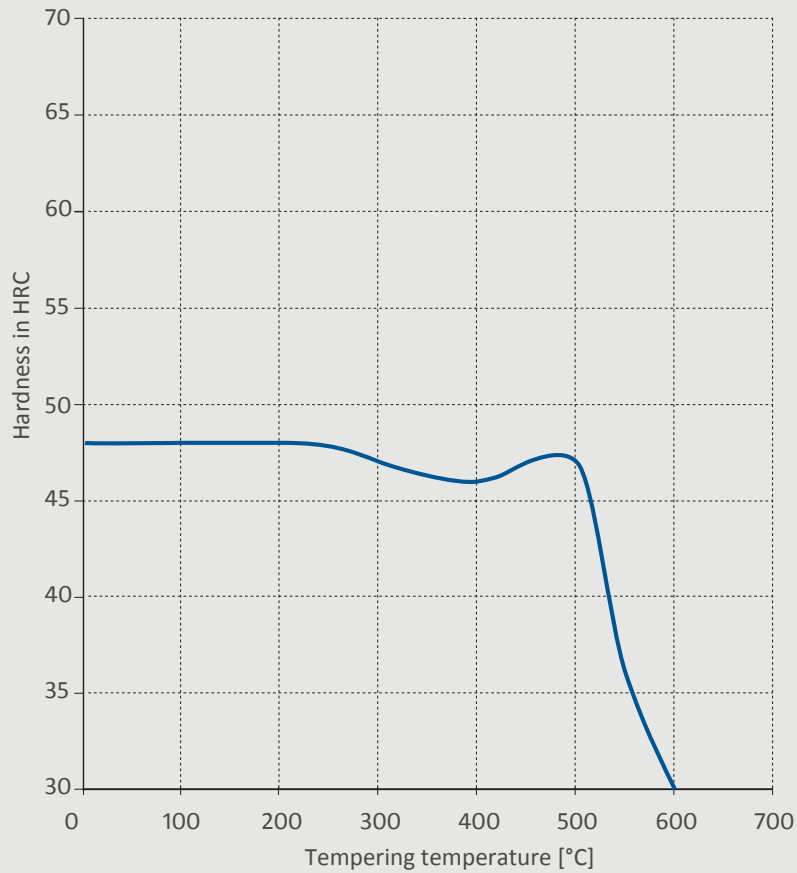
### → APPLICATION

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

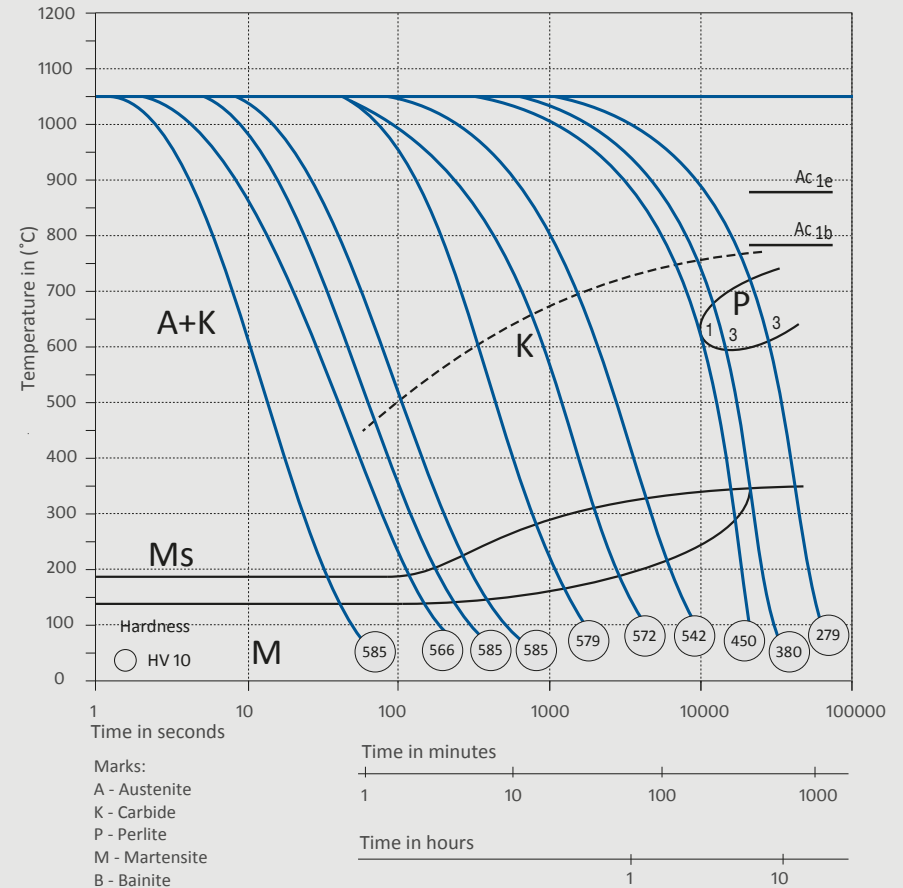
### → ULTRASOUND EXAMINATION

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

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cct



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