

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

→ CHEMICAL COMPOSITION (W%)

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

→ 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 RS 130. Steel has also good abrasion resistance. Good polishing properties and good toughness. For the most demanding applications and large cross-sections.

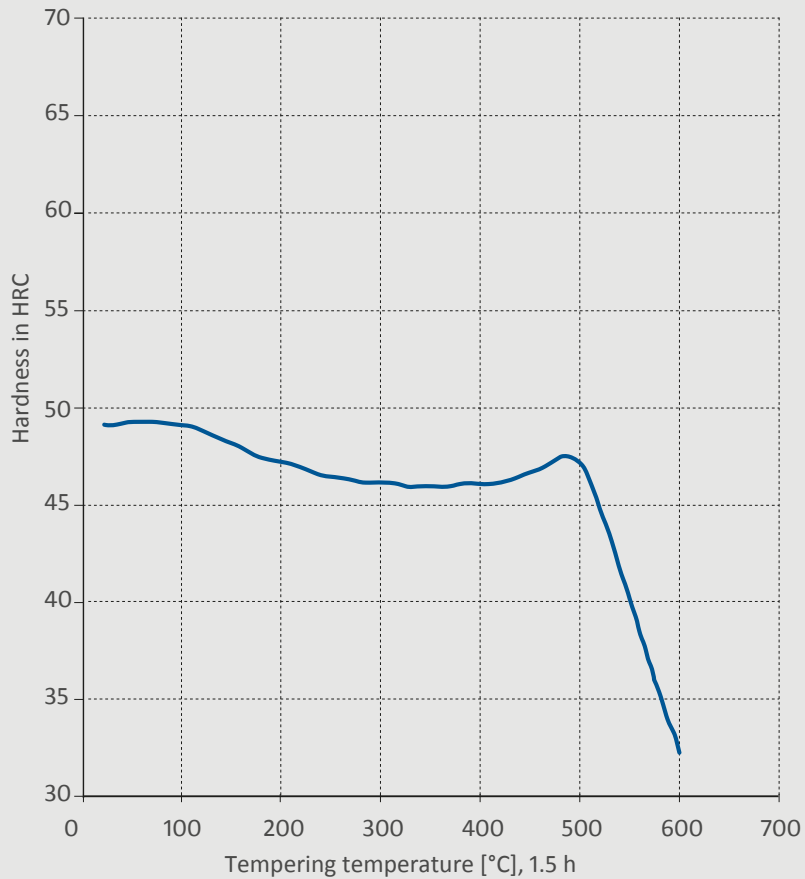
→ APPLICATION

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

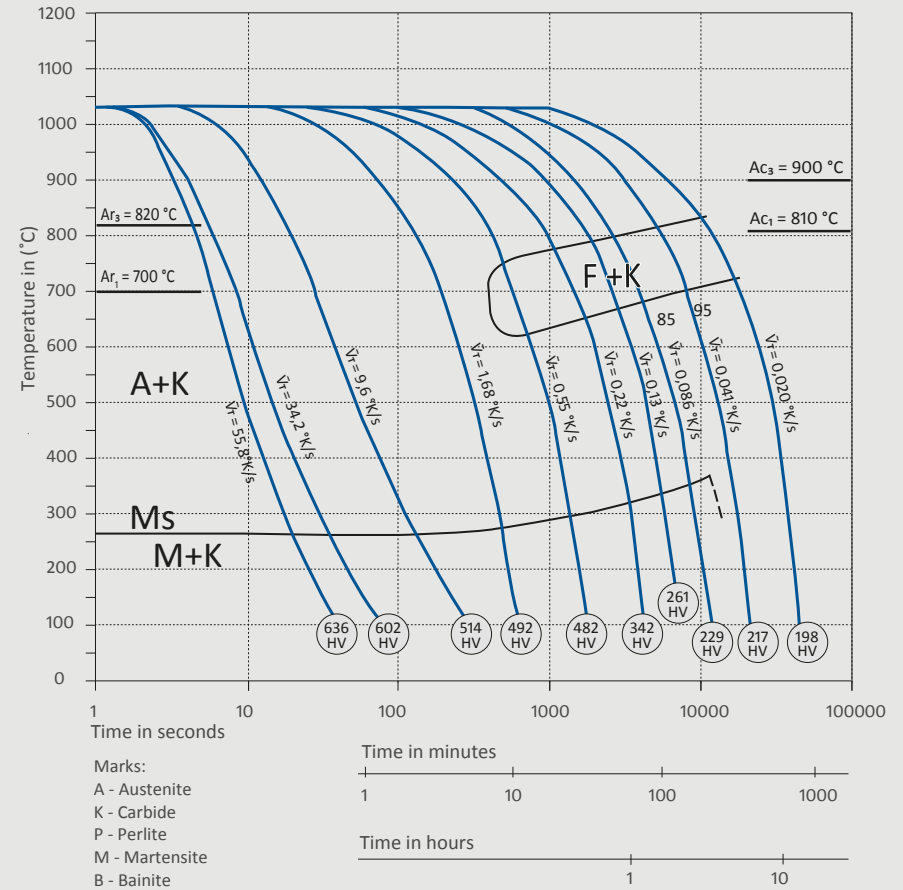
→ ULTRASOUND EXAMINATION

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

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cct



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