

Cryodur 2002

(125Cr1)

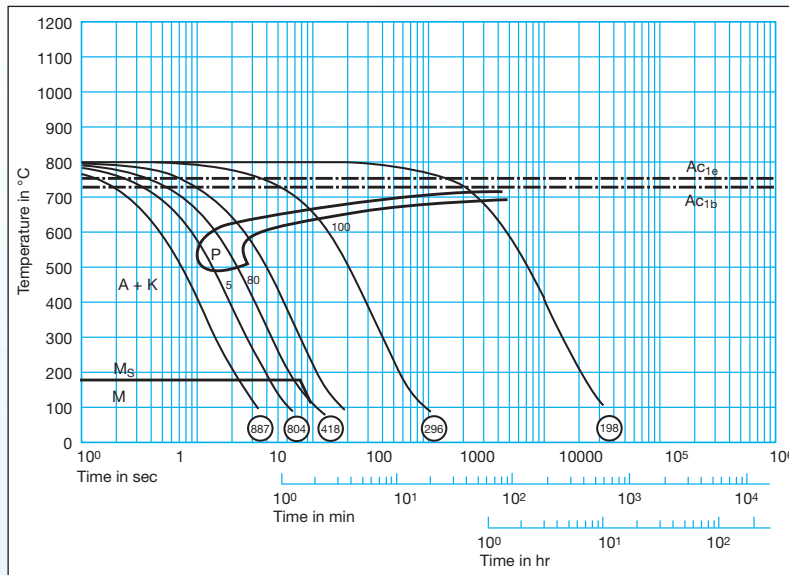
C 1.30 Cr 0.25 Si 0.25 Mn 0.30

Steel properties Tool steel with high surface hardness.

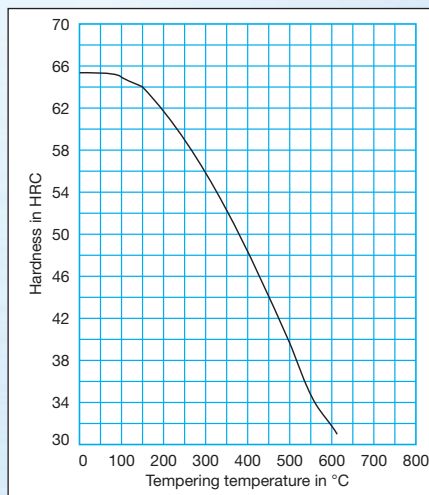
Applications Cutting tools, drawing dies, files and mandrels.

Heat treatment	Soft annealing °C	Cooling	Hardness HB			
	700 – 720	Furnace	max. 200			
Stress-relief annealing °C	Stress-relief annealing °C	Cooling	Hardness after quenching HRC			
	approx. 650 – 680	Furnace	65			
Hardening °C	Hardening °C	Quenching	65			
	770 – 800	Oil: < 10 mm Ø	65			
Tempering °C	Tempering °C	100	200	300	400	
	HRC	64	62	56	49	

Time-temperature-transformation diagram



Tempering diagram



Reference numbers in brackets are not standardized in EN ISO 4957.