

Cryodur 2362

(~X63CrMoV5-1)

C 0.65 Si 1.10 Mn 0.40 Cr 5.20 Mo 1.40 V 0.50

Steel properties

Cr-Mo alloyed through-hardening grade with high tempering resistance.

Applications

Intermediate rolls for cluster mills.

Heat treatment

Soft annealing °C
800 – 840

Cooling
Furnace

Hardness HB
max. 250

Hardening °C
980 – 1020

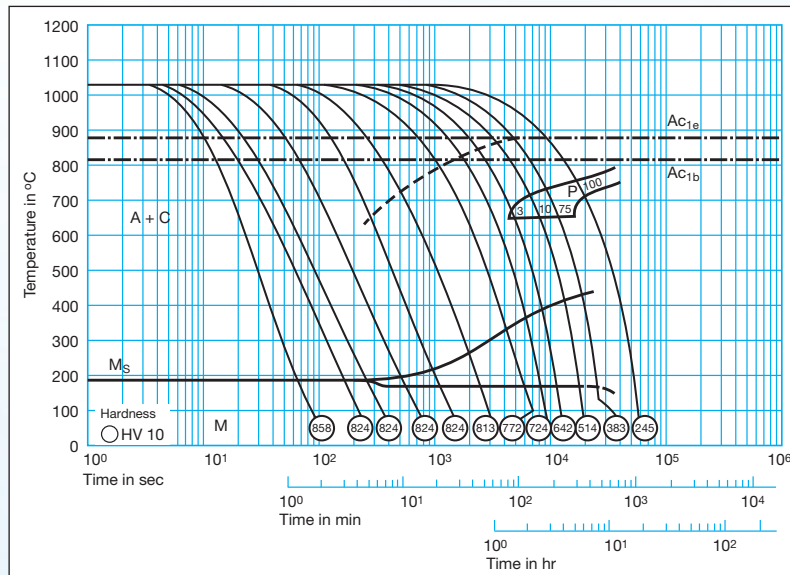
Quenching
Oil or saltbath

Hardness after quenching HRC
61 – 63

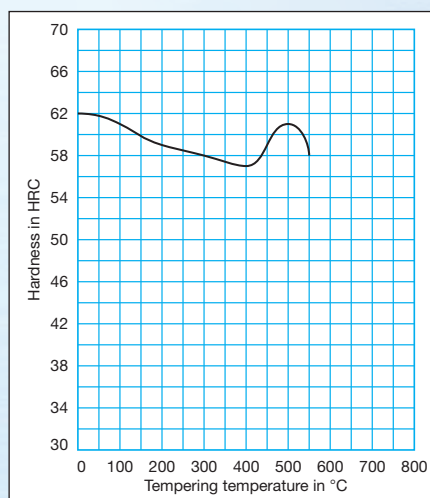
Tempering °C
HRC

100	200	300	400	500	550
61	59	58	57	61	58

Time-temperature-transformation diagram



Tempering diagram



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