

Cryodur 2327

(~86CrMoV7)

C 0.83 **Si** 0.45 **Mn** 0.40 **Cr** 1.90 **Mo** 0.30

Steel properties

Cr-Mo alloyed shell-hardenable grade with high wear resistance.

Applications

Standard cold-roll steel for rolls of all sizes, backup rolls and work rolls.

Heat treatment

Soft annealing °C
710 – 750

Cooling
Furnace

Hardness HB
max. 250

Hardening °C
830 – 850

Quenching
Water

Hardness after quenching HRC
64 – 65

Tempering °C
HRC

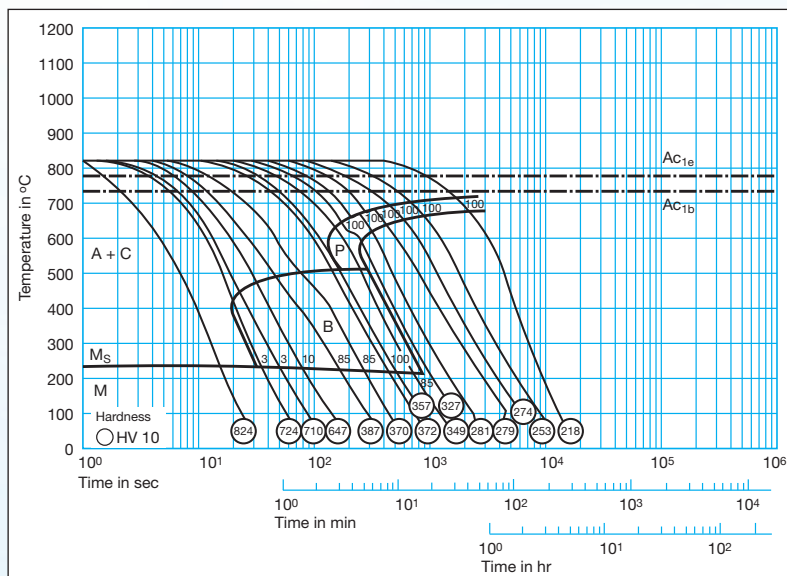
100
64

200
60

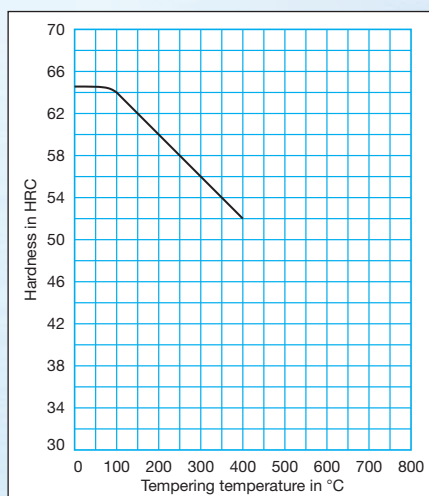
300
56

400
52

Time-temperature-transformation diagram



Tempering diagram



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