

1.2328 / X45CrMov7 Cold Work Tool Steel

Standards	DIN	AISI	JIS	ГОСТ
X45CrMov7	1.2328			

Chemical composition (typical analysis in %)

C	Si	Mn	P	S	Cr	Mo	V
0.42-0.47	0.20-0.30	0.85-1.00	≤0.030	≤0.030	1.70-1.90	0.25-0.30	≈0.05

Steel properties :

Air-hardening steel of great hardness and toughness. It usually delivered in ESR quality.

Applications :

Special steel for chisels.

Size range :

Diameter (mm)	Thickness (mm)	Width (mm)
6 - 500	6 - 400	Max 810

Delivery condition :

Soft annealed to max. 250 HB

Heat Treatment:

Soft annealing

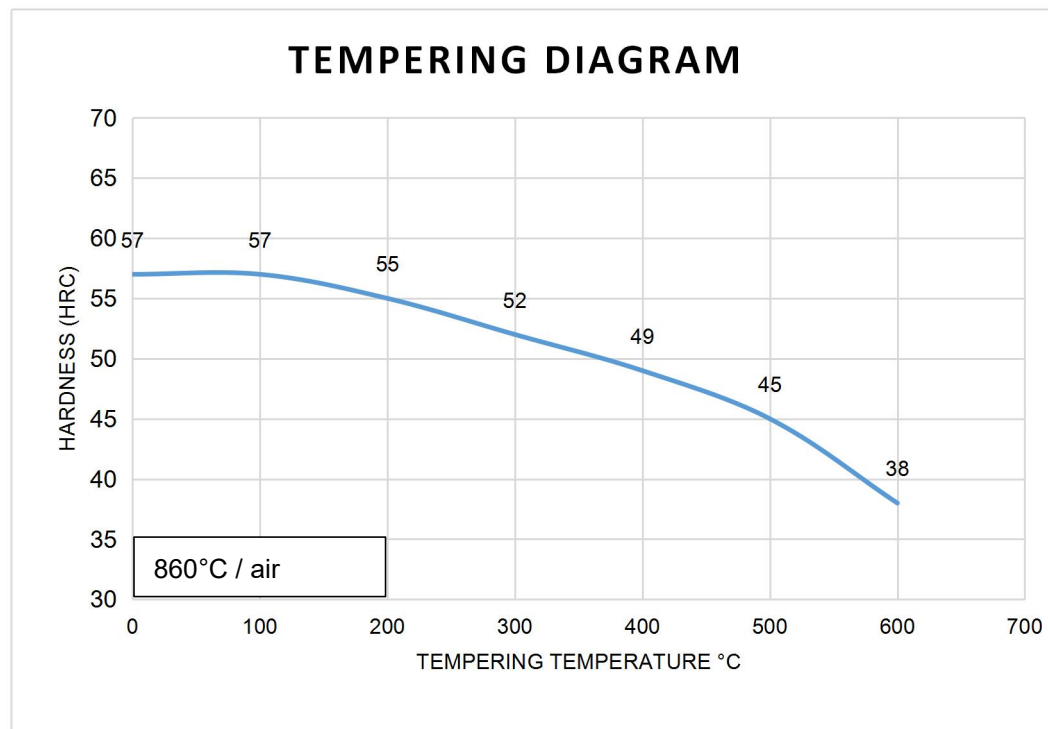
Temperature(°C)	Cooling	Hardness
690 - 730	furnace	max. 250 HB

Forging

Temperature(°C)	Cooling	
850 - 1000	furnace	

Hardening

Temperature(°C)	Cooling	Tempering
840 - 860	air	see tempering diagram



Remarks: All technical information is for reference only.

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