



SIHARD R240 Steel

Designation by Standards

Brand Name	Ravne	Mat. No.	DIN	EN	AISI/SAE
SIHARD R240	OTVN	-	-	-	-

Chemical Composition (in weight %)

C	Si	Mn	Cr	Mo	Ni	V	W	Others
0.70	0.30	0.38	3.05	0.33	0.70	0.10	-	-

Description

Low alloyed cold working tool steel.

Applications

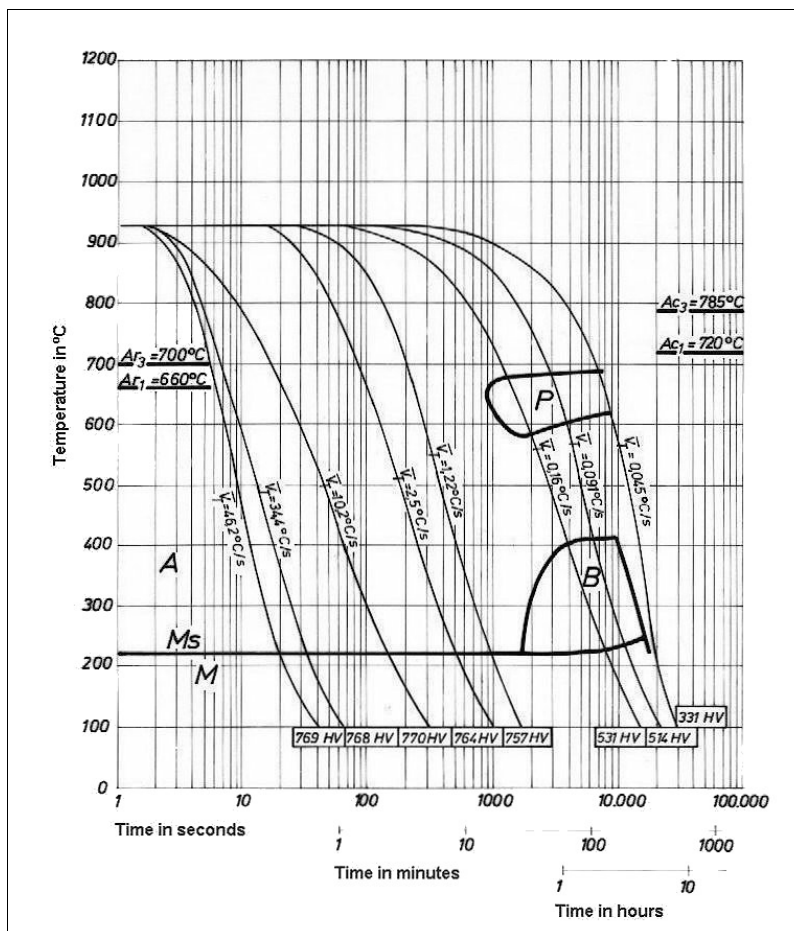
Working rolls for applications where greater depth of hardening is demanded.

Physical properties (average values) at ambient temperature

Modulus of elasticity [$10^3 \times \text{N/mm}^2$]: 210

Density [g/cm^3]: 7.80

Continuous Cooling Transformation (CCT) Diagram



Soft Annealing

Please ask.

Normalizing

Normalizing temperature: Please ask.

Stress Relieving

Stress relieving to remove machining stresses should be carried out by heating to approx. 650°C, holding for 1-2 hours at heat, followed by air cooling. This operation is performed to reduce distortion during heat treatment.

Hardening

Please ask.

Tempering

Tempering temperature: Please ask.

Forging

Hot forming temperature: 1050-850°C.

Machinability

No data.

Forms manufactured: Please see the [Dimensional Sales Program](#).

Disclaimer

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