



SIHARD 2375 Steel

Designation by Standards

Brand Name	Ravne	Mat. No.	DIN	EN	AISI/SAE
SIHARD 2375	OHV5	1.2375	83CrMoV9	-	-

Chemical Composition (in weight %)

C	Si	Mn	Cr	Mo	Ni	V	W	Others
0.88	0.30	0.38	2.15	0.28	-	0.10	-	-

Description

Low alloyed cold working tool steel.

Applications

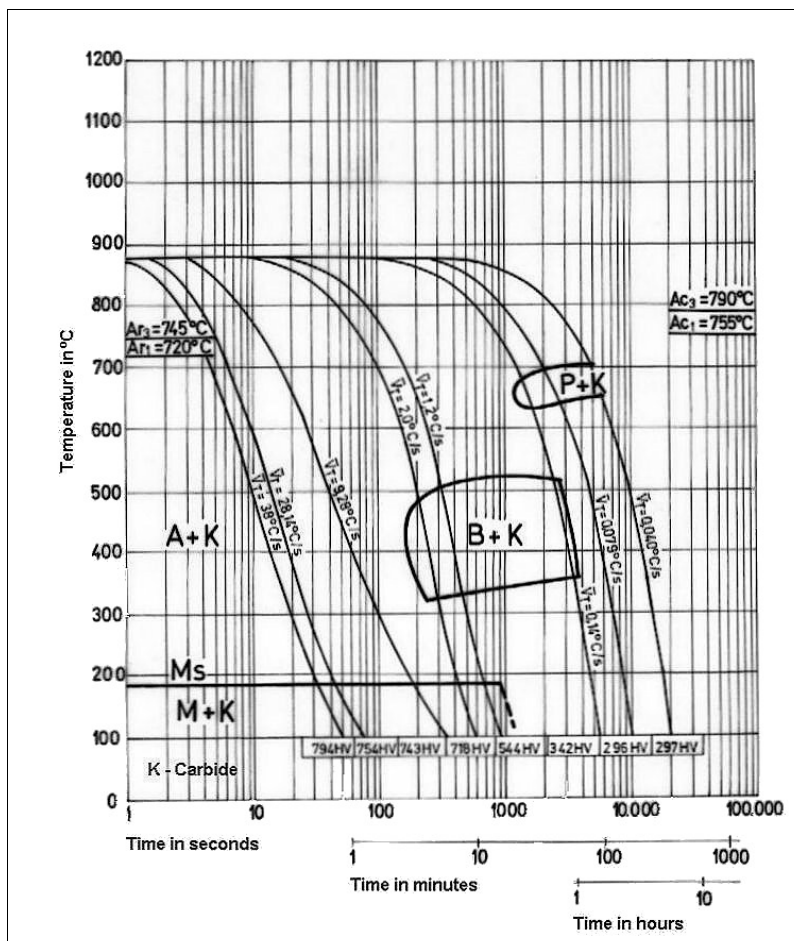
Wear resisting tools, die casting tools, pressing tools for light and heavy metals. This steel grade can be water cooled.

Physical properties (average values) at ambient temperature

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

Density [g/cm^3]: 7.83

Continuous Cooling Transformation (CCT) Diagram



Soft Annealing

Brinell hardness in annealed condition is max. 239.

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: 1150-850°C.

Machinability

No data.

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

Disclaimer

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