



SIHARD K130 Steel

Designation by Standards

Brand Name	Ravne	Mat. No.	DIN	EN	AISI/SAE
SIHARD K130	OH238	-	-	-	-

Chemical Composition (in weight %)

C	Si	Mn	Cr	Mo	Ni	V	W	Others
0.56	1.65	0.75	0.35	0.38	-	-	-	-

Description

Cold work tool steel. Shock resisting tool steel with good toughness at high strength levels.

Applications

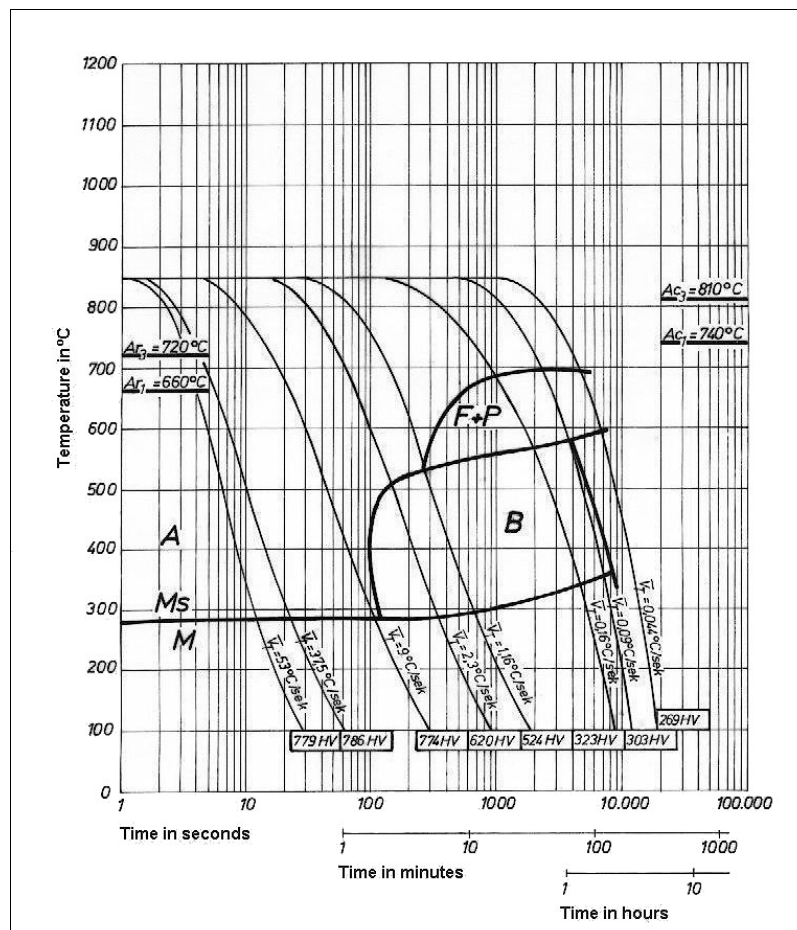
Different cutting parts, machine knives, chisels, rivet sets, punches, driver bits.

Physical properties (average values) at ambient temperature

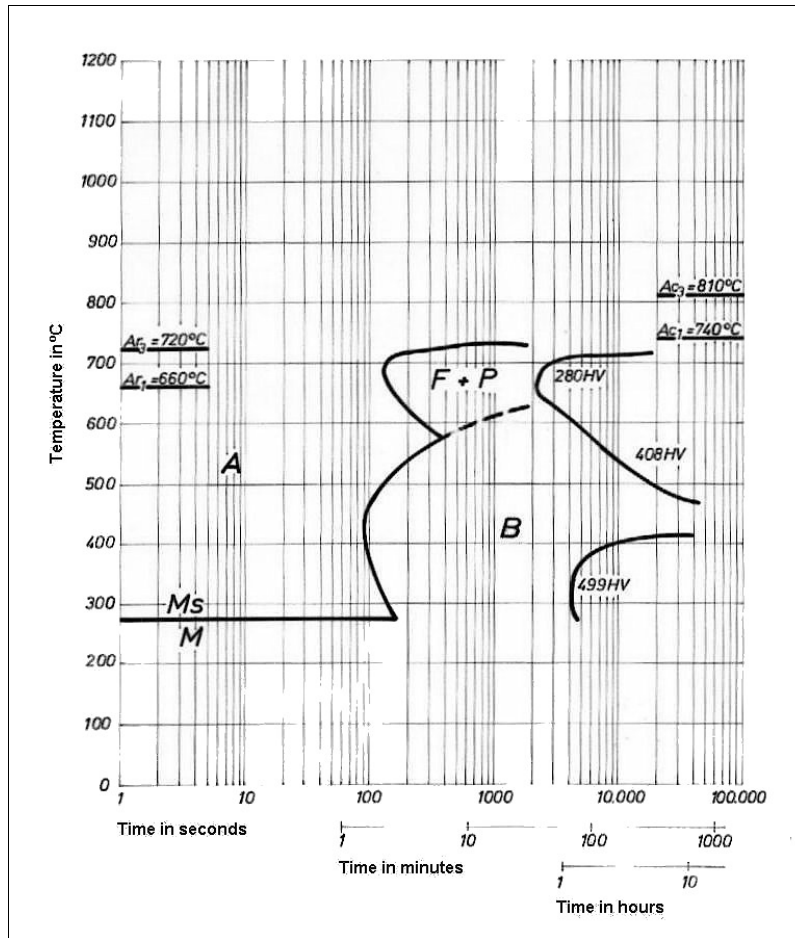
Modulus of elasticity [$10^3 \times \text{N/mm}^2$]: 210

Density [g/cm^3]: 7.80

Continuous Cooling Transformation (CCT) Diagram



Time-Temperature Transformation (TTT) Diagram



Soft Annealing

Heat to 750-760°C, cool slowly. This will produce a maximum Brinell hardness of 240.

Hardening

Harden from a temperature of 850-880°C followed by oil quenching. Hardness after quenching is min. 55 HRC.

Tempering

Tempering temperature: Approx. 440°C.

Forging

Hot forming temperature: 1050-900°C.

Machinability

No data.

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

Disclaimer

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