



## SIHARD 2360 Steel

### Designation by Standards

Brand Name	Ravne	Mat. No.	DIN	EN	AISI/SAE
SIHARD 2360	OH252	1.2360	X48CrMoV8-1-1	-	-

### Chemical Composition (in weight %)

C	Si	Mn	Cr	Mo	Ni	V	W	Others
0.47	0.80	0.40	7.50	1.37	-	1.35	-	-

### Description

Medium alloyed cold work tool steel with high toughness and wear resistance.

### Applications

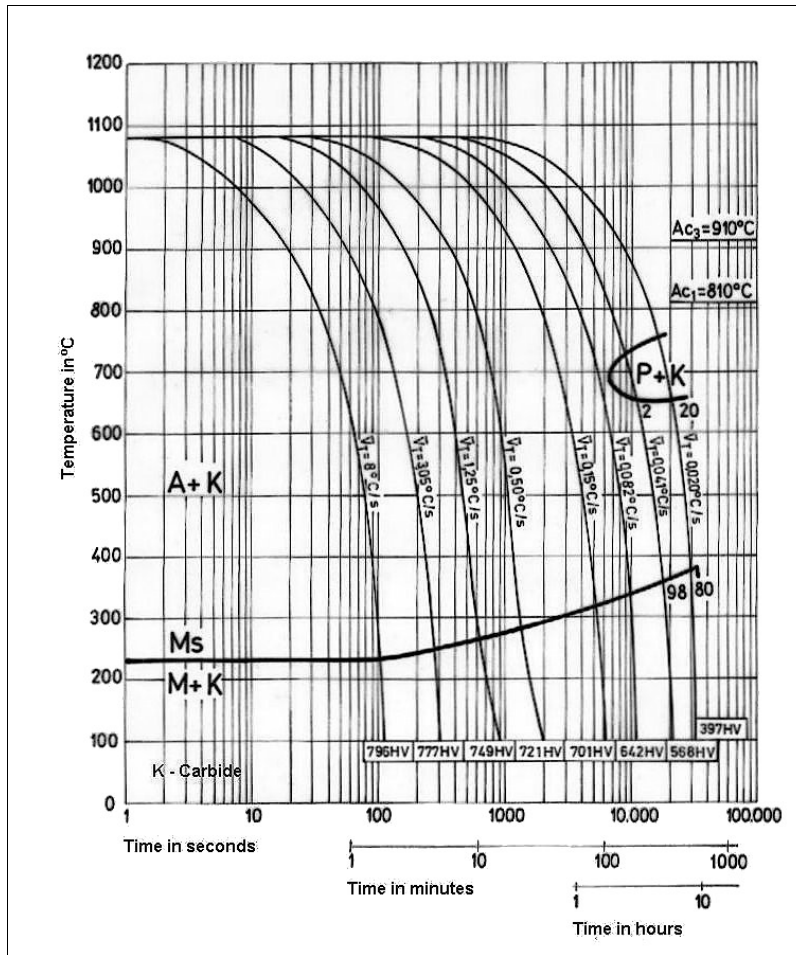
Severely stressed machine blades for cellulose and paper industry, woodworking milling cutters, flat and circular blades for cutting sheets/plates of thickness 5 to 15 mm.

### Physical properties (average values) at ambient temperature

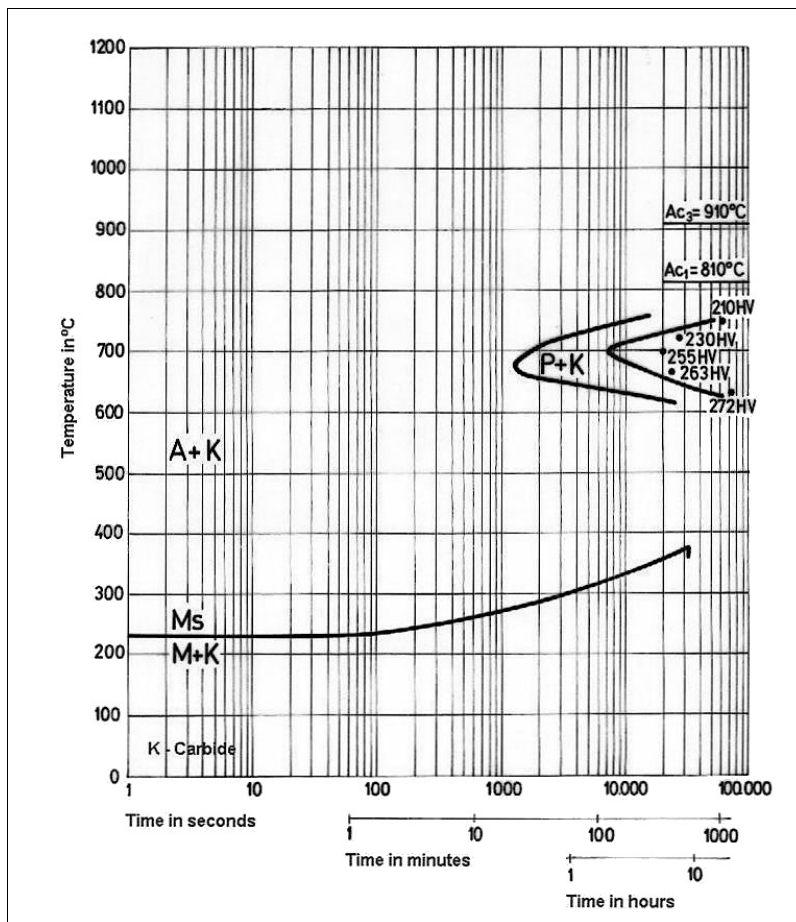
Modulus of elasticity [ $10^3 \times \text{N/mm}^2$ ]: 210

Density [ $\text{g/cm}^3$ ]: 7.80

Continuous Cooling Transformation (CCT) Diagram



Time-Temperature Transformation (TTT) Diagram



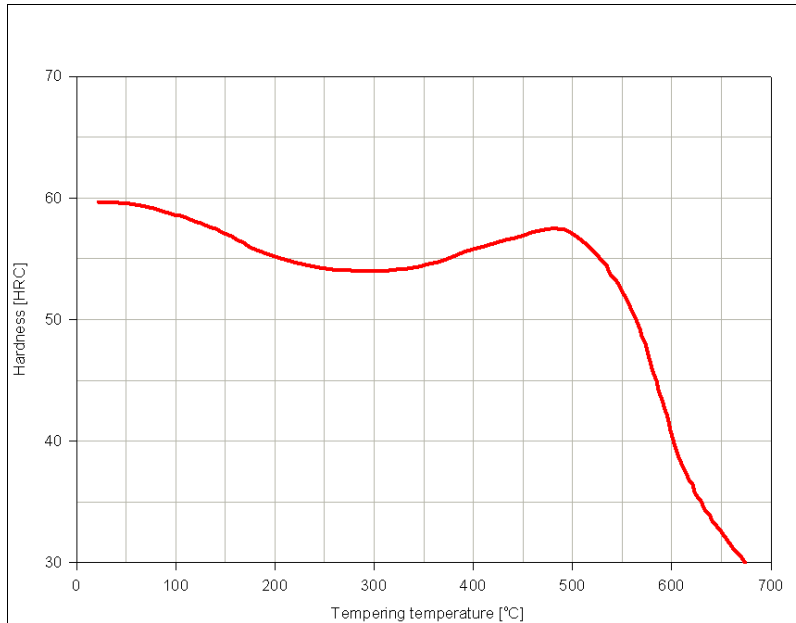
### Hardening

Harden from a temperature of 1080-1120°C followed by oil quenching.

### Tempering

Tempering temperature: Please see the diagram bellow.

### Tempering Diagram



### Forging

Hot forming temperature: 1100-900°C.

### Machinability

No data.

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

### Disclaimer

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