



SIHARD 2824 Steel

Designation by Standards

Brand Name	Ravne	Mat. No.	DIN	EN	AISI/SAE
SIHARD 2824	OH263	1.2824	70MnMoCr8	-	-

Chemical Composition (in weight %)

C	Si	Mn	Cr	Mo	Ni	V	W	Others
0.69	0.40	2.15	1.15	1.15	-	-	-	-

Description

Cold work tool steel with good toughness and wear resistance.

Applications

Cold forming tool rolls, shear knives, spindles forming dies.

Physical properties (average values) at ambient temperature

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

Density [g/cm^3]: 7.72

Soft Annealing

Heat to 650-740°C, cool slowly.

Hardening

Harden from a temperature of 830-870°C followed by air quenching.

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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