

DATA SHEET



Finkl Steel

HOLDERBLOC™

~AISI 4140

PREHARDENED MOLD STEEL

TYPICAL APPLICATIONS

- Core side for injection molds up to 20" (508 mm)
- Holder for plastic molds, rubber molds, die casting dies, mold bases, plates, and brake dies.

GENERAL:

Delivery Condition:

Hardened and tempered

Surface Hardness Range:

	BHN	HRC	N/mm ²
Regular	269-321	28-34	920-1082

HOLDERBLOC™ is a prehardened mold steel grade specially designed for ease of machining and simple post-production mold maintenance.

HOLDERBLOC™ has added sulfur to improve machinability.

HOLDERBLOC™ is always forged with a minimum of 4 to 1 reduction ratio.

HOLDERBLOC™ is forged on our largest presses equipped with wide dies assuring maximum deformation during forging process.

Note: Provided technical data and information in this data sheet are typical values. Normal variations in chemistry, size and conditions of heat treatment may cause deviations from these values. We suggest that information be verified at time of enquiry or order. For additional data or metallurgical assistance, please contact us.

Typical Chemical Analysis - % weight

C	Mn	Si	Cr	Mo	S
0.40	1.05	0.40	1.05	0.20	0.07

- Prehardened steel
- Good weldability
- Excellent machinability

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