

#2 Steel Material Data Sheet (4140 Pre-hardened Alloy Steel)

PRODUCT INFORMATION:

NTM #2 is an AISI type 4140 pre-hardened, calcium treated, re-sulfurized holder block. It is quenched and tempered to 262 / 321 (HB). It combines good machining qualities with uniform hardness and increased toughness. Additional heat treatment is not recommended.

APPLICATIONS:

It is an excellent choice for use in the construction of plastic injection mold bases and stamping dies. We also recommend it for cavity retainer sets, stripper plates, die cast dies, and machine/press parts. Cutting molded part cavities directly into NTM #2 is not recommended.

TYPICAL CHEMICAL ANALYSIS:

C	Mn	P	S	Cr	Si
0.38	0.8	0.025	.02-.04	.6-.9	0.3

The information presented is correct to the best of our knowledge.
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