

#7 Steel Material Data Sheet (420 Pre-hardened stainless steel holder block)

PRODUCT INFORMATION:

NTM # 7 is a 420 series, low carbon, chromium alloyed stainless steel. It is hardened and tempered to a range of 290 – 340 HB. It has good corrosion resistance and exhibits a uniform hardness in all dimensions. Its excellent machinability extends cutter and tooling life.

APPLICATIONS:

Commonly used in the production of high quality tooling for plastic injection molds, rubber molds, plastic blow molds, and medical, food & packaging equipment. Provides corrosion resistance where standard holder applications would require plating, and offers improved machinability over 300 series stainless.

TYPICAL CHEMICAL ANALYSIS:

C	Mn	Si	P	S	Cr	Mo
.08 max	1-1.1	.4 max	.03 max	.1-.12	12-12.5	.4 min

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