



## PROPERTIES GUIDE

AISI Classification	Quenching Medium	Wear Resistance	Toughness	Resistance to Size Change	Safety in Hardening	Machinability
<b>Carbon Tool Steels</b>						
W-1	Water	Good	Good	Fair	Fair	Excellent
<b>Oil &amp; Air Hardening Die Steels</b>						
O-1	Oil	Good	Good	Good	Good	Very Good
O-6	Oil	Very Good	Good	Good	Good	Best
A-10	Air	Very Good	Good	Excellent	Very Good	Very Good
A-2	Air	Very Good	Good	Very Good	Very Good	Good
D-2	Air	Best	Good	Best	Best	Fair
<b>Shock Resisting Steels</b>						
L-6	Oil	Good	Good	Good	Good	Very Good
S-7	Air	Good	Best	Very Good	Very Good	Very Good
S-5	Oil	Fair	Very Good	Good	Good	Good
<b>Hot Work Steel</b>						
H-13	Oil or Air	Good	Good	Very Good	Very Good	Good
<b>High Speed Steels</b>						
T-1	Oil or Air	Very Good	Good	Very Good	Very Good	Good
M-2	Oil or Air	Very Good	Good	Very Good	Very Good	Good
M-4	Oil or Air	Excellent	Good	Very Good	Very Good	Good

OVER 60 YEARS OF RELIABLE SERVICE