

MATERIAL DESCRIPTIONS

ALLOY STEELS

1008 - 1060	Carbon steels
1110 - 1151	Free machining steels
1211 - 1215	Free machining steels
4118 - 4161	Chrome moly steels
4320 - 4340	Nickel chrome steels
6118 - 6150	Chromium vanadium steels
8615 - 8622	Nickel chrome steels
9310	Nickel chrome steels
50100 - 52100	Chromium steels

TOOL STEELS

A2 - A7	Alloy tool steels (air harden)
D2 - D7	High carbon high chromium die steels
H11 - H26	Hot work tool steels
L2 - L7	Special purpose tool steels
M1 - M 43	High speed tool steels
O1 - O7	Alloy tool steels (oil harden)
P20 - P21	Mold steels
S1 - S5	Shock resistant tool steels
T1 - T15	High speed tool steels
W-1	Carbon tool steels

MATERIAL CARBON CONTENT EXAMPLE

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➡ Carbon content

- Higher the number, the more carbon it contains
- Carbon makes steel tougher to machine