

MATERIALCODE

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|---|---|---|
| P | 1 | Low-Carbon Steels - 1000 Series (>25 HRc) |
| | 2 | Low-Carbon Steels - 1000 Series (<25 HRc) |
| | 3 | Alloy Tool Steels - 1300, 2000, 3000 (≤ 35 HRc) |
| | 4 | Alloy Tool Steels - 1300, 2000, 3000 (36-48 HRc) |
| | 5 | Ferritic, Martensitic & PH Stainless Steels - 400's, pH Types (15-5, 13-8, 17-4) (≤ 35 HRc) |
| | 6 | Ferritic, Martensitic & PH Stainless Steels - 400's, pH Types (15-5, 13-8, 17-4) (36-48 HRc) |
| M | 1 | Austenitic Stainless Steels - Inox, 200 Series, 300 Series and 304L |
| | 2 | Austenitic Stainless Steels & Cast Stainless Steels - 310, 314, 316 (<25HRc) |
| | 3 | Duplex Steels (Austenitic & Ferritic) - 323, 329, F55, 2205 |
| K | 1 | Gray Cast Iron |
| | 2 | Ductile Iron - 60-40-18, 65-45-12 (<28HRc) |
| | 3 | Ductile Iron -32510, 35018 (<38HRc) |
| N | 1 | Wrought Aluminum Alloys |
| | 2 | Low-Silicon Aluminum Alloys - Si <12.2% - 6061, 7075 |
| | 3 | High-Silicon Aluminum Alloys -Si >12.2% - 6061, 7075 |
| | 4 | Copper & Copper Alloys |
| | 5 | Nylon, Plastics, Rubbers, Phenolics, Resins, Fiberglass |
| | 6 | Carbon & Graphite Composites |
| | 7 | Metal Matrix Composites |
| S | 1 | Iron-Based, Heat-Resistant Alloys - Incoloy 800-802, A-286, N-155 |
| | 2 | Cobalt-Based, Heat-Resistant Alloys - Haynes 188, Haynes 21, Hastelloy, Waspalloy, Inconel 625/718 (≤ 48 HRc) |
| | 3 | Nickel-Based, Heat-Resistant Alloys - Inconel 600/700 series, Incoloy 900 series, Waspalloy, Monel, K-500 |
| | 4 | Titanium Alloys - Commercially Pure, 6Al-4V, Astm 1/2/3, Ti-6Al-2Sn-4Zr-2Mo (≤ 48 HRc) |
| H | 1 | Hardened Tool Steels - H Series (10, 11, 13), D Series (2, 3), 4340, P20 (≤ 48 HRc) |
| | 2 | Hardened Tool Steels - H Series (10, 11, 13), D Series (2, 3), 4340, P20 (48-55 HRc) |
| | 3 | Hardened Tool Steels - H Series (10, 11, 13), D Series (2, 3), 4340, P20 (56-60 HRc) |
| | 4 | Hardened Tool Steels - H Series (10, 11, 13), D Series (2, 3), 4340, P20 (>60 HRc) |