### CARBON STEELS
Free-Machining/Low Carbon steels, 10xx - 1029 & all 10Lxx, 11xx - 1139 & all 11Lxx, 12xx - 1215 & all 12Lxx
1030 - 1095, 1140 - 1151, 13xx, 15xx, 2xxx, 3xxx, 4xxx & 4xLxx, 5xxx & 5xLxx, 50xxx & 50Lxxx, 51xxx & 51Lxxx, 52xxx & 52Lxxx, 6xxx, 8xxx, 9xxx

### STAINLESS STEELS
203 EZ, 303 (all types), 416, 416Se, 416Plus X, 420F, 420FSe, 430F, 430FSe, 440F, 440FSe

### TOOL STEELS
A, L, O, P, W series
D, H, M, T, S series

### TITANIUM ALLOYS

### HIGH TEMP ALLOYS
Inconel, Hastelloy, Waspalloy, Morel, Nimonic, Haynes, Discoloy, Incotloy

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### Product Notes:
Pecking cycles are recommended to avoid chip packing and breakage.
- For steels at 29-37 Rc, an initial peck should be 2-3x Diameter, and each subsequent peck should be 1-2x Diameter.
- For harder steels at 38-45 Rc, 1-2x Diameter is recommended for an initial peck, and each subsequent peck should be .5-1x Diameter.

### General Notes:
All posted speed and feed parameters are suggested starting values that may be increased given optimal setup conditions.

If you require additional information, Harvey Tool has a team of technical experts available to assist you through even the most challenging applications. Please contact us at 800-645-5609 or Harveytech@harveyperformance.com.

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### WARNING:
Cutting tools may shatter under improper use. Government regulations require use of safety glasses and other appropriate safety equipment in the vicinity of use.

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### Material Table:

#### Hardness: 29-37 Rc (279-344 HBn)

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