Cobalt High Speed Steel

## List 541 <br> Multiple Flute, Regular Length <br> 

HSS-Co


| EDP |  |  |  | Mill Diameter | Overall Length | Length of Cut | Shank Diameter | Number of Flutes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bright | TiN | TiCN | TiALN | D | L | Lc | d |  |
| 5410100 | 5410105 | 5410108 | - | 1/8 | 2-5/16 | 3/8 | 3/8 | 4 |
| 5410200 | 5410205 | 5410208 | - | 3/16 | 2-3/8 | 1/2 | 3/8 | 4 |
| 5417000 | - | - | - | 1/4 | 2-1/16 | 1/4 | 3/8 | 4 |
| 5410300 | 5410305 | 5410308 | - | 1/4 | 2-7/16 | 5/8 | 3/8 | 4 |
| 5410400 | 5410405 | 5410408 | - | 5/16 | 2-1/2 | 3/4 | 3/8 | 4 |
| 5417100 | - | 5417108 | - | 3/8 | 2-1/8 | 3/8 | 3/8 | 4 |
| 5410500 | 5410505 | 5410508 | - | 3/8 | 2-1/2 | 3/4 | 3/8 | 4 |
| 5410900 |  | - | - | 7/16 | 3-1/4 | 1-1/4 | 1/2 | 4 |
| 5411000 | - | 5411008 | - | 1/2 | 2-1/2 | 1/2 | 1/2 | 4 |
| 5411100 | 5411105 | - | - | 1/2 | 3-1/4 | 1-1/4 | 1/2 | 4 |
| 5411500 | - | - | - | 1/2 | 3-1/4 | 1-1/4 | 1/2 | 6 |
| 5411700 | - | - | - | 9/16 | 3-3/8 | 1-3/8 | 1/2 | 4 |
| 5412000 | - | 5412008 | - | 5/8 | 2-3/4 | 5/8 | 5/8 | 4 |
| 5412100 | 5412105 | 5412108 | 5412111 | 5/8 | 3-3/4 | 1-5/8 | 5/8 | 4 |
| 5412500 | - | 5412508 | - | 5/8 | 3-3/4 | 1-5/8 | 5/8 | 6 |
| 5412200 | - | - | - | 11/16 | 3-3/4 | 1-5/8 | 5/8 | 4 |
| 5412600 | - | - | - | 11/16 | 3-3/4 | 1-5/8 | 5/8 | 6 |
| 5413000 | - | - | - | 3/4 | 3 | 3/4 | 3/4 | 4 |
| 5413100 | 5413105 | 5413108 | - | 3/4 | 3-7/8 | 1-5/8 | 3/4 | 4 |
| 5413500 | - | - | - | 3/4 | 3-7/8 | 1-5/8 | 3/4 | 6 |
| 5414100 | 5414105 | 5414108 | - | 7/8 | 4-1/8 | 1-7/8 | 7/8 | 4 |
| 5414500 | - | - | - | 7/8 | 4-1/8 | 1-7/8 | 7/8 | 6 |
| 5414900 | - | - | - | 1 | 4-1/8 | 1-7/8 | 3/4 | 4 |
| 5415000 | - | - | - | 1 | 4-1/8 | 1-7/8 | 3/4 | 6 |
| 5415100 | 5415105 | 5415108 | 5415111 | 1 | 4-1/2 | 2 | 1 | 4 |
| 5415500 | - | - | 5415511 | 1 | 4-1/2 | 2 | 1 | 6 |
| 5415200 | - | - | - | 1-1/8 | 4-1/2 | 2 | 1 | 4 |
| 5415600 | - | - | - | 1-1/8 | 4-1/2 | 2 | 1 | 6 |
| 5416100 | - | 5416108 | - | 1-1/4 | 4-1/2 | 2 | 1-1/4 | 4 |
| 5416500 | - | - | - | 1-1/4 | 4-1/2 | 2 | 1-1/4 | 6 |
| 5416200 | - | 5416208 | - | 1-1/2 | 4-1/2 | 2 | 1-1/4 | 4 |
| 5416600 | - | - | - | 1-1/2 | 4-1/2 | 2 | 1-1/4 | 6 |
| 5416400 | - | - | - | 2 | 4-1/2 | 2 | 1-1/4 | 6 |
| 5418400 | - | - | - | 2 | 5-3/4 | 2 | 2 | 6 |

Packed: 1 pc.
EDP's listed above are stocked standard, other coatings available upon request.

| Work Material |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | P |  |  |  |  | M |  |  | K | N |  | 5 |  | H |  |  |  |
|  | Carbon Steels |  |  | Alloy Steels <br> Stee's | Die Steels | Stainless Steels |  |  | Cast <br> Iron | Aluminum |  | Nickel | Titanium | Hardened Steels |  |  |  |
| List No. | Low | Med. | High |  |  |  |  |  | Alloy |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 1010 \\ 1018 \\ \hline \end{array}$ | $\begin{aligned} & 1035 \\ & 1045 \\ & \hline \end{aligned}$ | 1065 | $\begin{array}{r} 4140 \\ 4340 \\ \hline \end{array}$ |  | 300 | 400 | 17-4 PH |  | $\begin{aligned} & 6061 \\ & 7075 \\ & \hline \end{aligned}$ | Casting | Inconel | $\begin{array}{\|c\|} \hline 6 \mathrm{Al4V} \\ (30 \mathrm{HRC}) \end{array}$ | $\begin{aligned} & \tilde{\sim} 35 \\ & \text { HRC } \end{aligned}$ | $\begin{aligned} & 35-45 \\ & \text { HRC } \\ & \hline \end{aligned}$ | $\begin{aligned} & 45-50 \\ & \text { HRC } \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50-70 \\ & \text { HRC } \\ & \hline \end{aligned}$ |
| 541 | (1) | (1) | (1) | (0) | (1) | O | $\bigcirc$ | $\bigcirc$ |  | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |  | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |  |  |

good
(D) best

Single End Multiple Flute

