## List 581

CE-EMS, Multiple Flute, Regular Length, Non-Center Cutting



| EDP <br> Number | Mill <br> Diameter | Overall <br> Length | Length of Cut | Shank Diameter | Number |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Bright | D | L | Lc | d |  |
| 5810100 | 3.0 | 58.7 | 9.52 | 9.52 | 4 |
| 5818100 | 3.5 | 60.3 | 11.11 | 9.52 | 4 |
| 5810200 | 4.0 | 60.3 | 11.11 | 9.52 | 4 |
| 5818200 | 4.5 | 60.3 | 12.70 | 9.52 | 4 |
| 5810300 | 5.0 | 61.9 | 14.28 | 9.52 | 4 |
| 5818300 | 5.5 | 61.9 | 14.28 | 9.52 | 4 |
| 5810400 | 6.0 | 61.9 | 15.87 | 9.52 | 4 |
| 5818400 | 6.5 | 61.9 | 15.87 | 9.52 | 4 |
| 5810500 | 7.0 | 63.5 | 17.46 | 9.52 | 4 |
| 5818500 | 7.5 | 63.5 | 19.05 | 9.52 | 4 |
| 5810600 | 8.0 | 63.5 | 19.05 | 9.52 | 4 |
| 5818600 | 8.5 | 63.5 | 19.05 | 9.52 | 4 |
| 5810700 | 9.0 | 63.5 | 19.05 | 9.52 | 4 |
| 5818700 | 9.5 | 63.5 | 19.05 | 9.52 | 4 |
| 5810800 | 10.0 | 63.5 | 19.05 | 9.52 | 4 |
| 5818800 | 10.5 | 68.2 | 25.40 | 9.52 | 4 |
| 5810900 | 11.0 | 68.2 | 25.40 | 9.52 | 4 |
| 5818900 | 11.5 | 68.2 | 25.40 | 9.52 | 4 |
| 5811100 | 12.0 | 82.5 | 31.75 | 12.70 | 4 |
| 5819100 | 12.5 | 82.5 | 31.75 | 12.70 | 4 |
| 5811200 | 13.0 | 82.5 | 31.75 | 12.70 | 4 |
| 5819200 | 13.5 | 85.7 | 34.92 | 12.70 | 4 |
| 5811300 | 14.0 | 85.7 | 34.92 | 12.70 | 4 |
| 5819300 | 14.5 | 85.7 | 34.92 | 12.70 | 4 |
| 5811400 | 15.0 | 85.7 | 34.92 | 12.70 | 4 |
| 5812100 | 16.0 | 95.2 | 41.27 | 15.87 | 4 |
| 5812200 | 17.0 | 95.2 | 41.27 | 15.87 | 4 |
| 5812300 | 18.0 | 95.2 | 41.27 | 15.87 | 4 |
| 5813100 | 19.0 | 98.4 | 41.27 | 19.05 | 4 |
| 5813200 | 20.0 | 104.7 | 47.62 | 19.05 | 4 |
| 5813300 | 21.0 | 104.7 | 47.62 | 19.05 | 4 |
| 5814100 | 22.0 | 104.7 | 47.62 | 22.22 | 4 |
| 5814200 | 23.0 | 104.7 | 47.62 | 22.22 | 4 |
| 5815100 | 24.0 | 114.3 | 50.80 | 25.40 | 4 |
| 5815200 | 25.0 | 114.3 | 50.80 | 25.40 | 4 |
| 5815300 | 28.0 | 114.3 | 50.80 | 25.40 | 6 |
| 5816100 | 32.0 | 114.3 | 50.80 | 31.75 | 6 |
| 5816200 | 36.0 | 114.3 | 50.80 | 31.75 | 6 |
| 5816300 | 40.0 | 114.3 | 50.80 | 31.75 | 6 |
| 5816400 | 45.0 | 114.3 | 50.80 | 31.75 | 6 |

Packed: 1pc
EDP's listed above are stocked standard, other coatings available upon request
STE
Specify treatment at time of order.

| Work Material |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | P |  |  |  |  | M |  |  | K | N |  | S |  | H |  |  |  |
|  | Carbon Steels |  |  | Alloy <br> Steels | Die Steels | Stainless Steels |  |  | Cast <br> Iron | Aluminum |  | Nickel Alloy | Titanium | Hardened Steels |  |  |  |
| List No. | Low | Med. | High |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ListNo. | $\begin{aligned} & 1010 \\ & 1018 \end{aligned}$ | $\begin{aligned} & 1035 \\ & 1045 \end{aligned}$ | 1065 | $\begin{aligned} & \hline 4140 \\ & 4340 \end{aligned}$ |  | 300 | 400 | 17-4 PH |  | $\begin{aligned} & 6061 \\ & 7075 \end{aligned}$ | Casting | Inconel | $\begin{array}{\|c\|} \hline \text { 6AI4V } \\ \text { (30 HRC) } \\ \hline \end{array}$ | $\begin{aligned} & \sim 35 \\ & \text { HRC } \end{aligned}$ | $\begin{gathered} 35-45 \\ \text { HRC } \end{gathered}$ | $\begin{aligned} & \mathbf{4 5 - 5 0} \\ & \text { HRC } \end{aligned}$ | $50-70$ HRC |
| 581 | (0) | (0) | (1) | (1) | (1) | $\square$ | $\square$ | $\bigcirc$ | $\square$ | $\square$ | $\square$ |  | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |  |  |

Single End Multiple Flute

