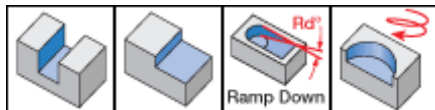
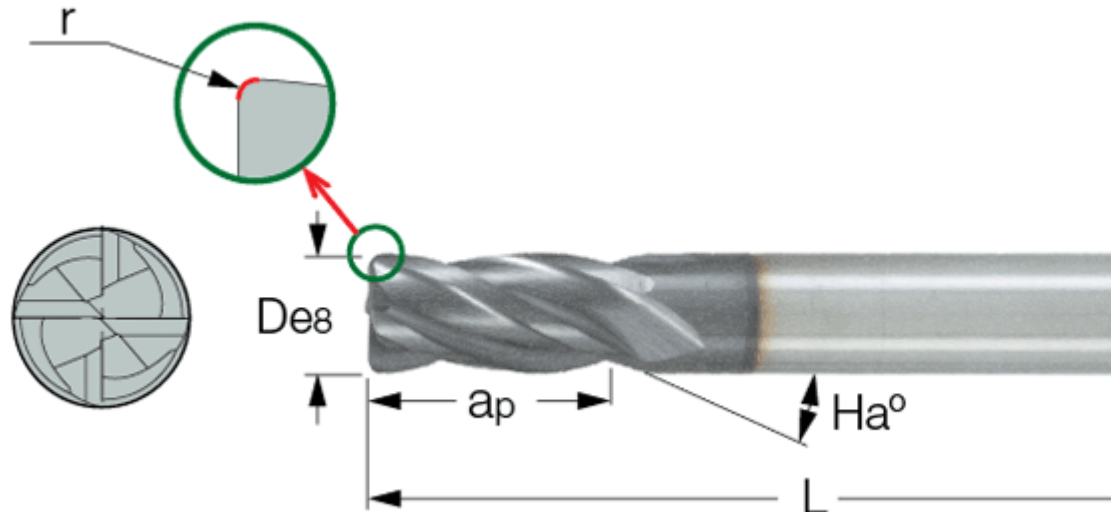




**EC-A-4...R** : 4 flute, 30°helix medium length solid carbide endmills with various radii.



| Designation       | D    | d    | ap    | L     | Flute | Ha°/b> | Rd°/b> | Shank | r    | fz(min) | fz(max) | Grade |
|-------------------|------|------|-------|-------|-------|--------|--------|-------|------|---------|---------|-------|
| EC030A10-4C03R0.6 | 3.00 | 3.00 | 10.00 | 38.00 | 4     | 30.0   | 5.0    | C     | 0.60 | 0.01    | 0.04    | IC900 |
| EC030A10-4C03R0.8 | 3.00 | 3.00 | 10.00 | 38.00 | 4     | 30.0   | 5.0    | C     | 0.80 | 0.01    | 0.04    | IC900 |
| EC030A10-4C04R0.4 | 3.00 | 4.00 | 10.00 | 50.00 | 4     | 30.0   | 5.0    | C     | 0.40 | 0.01    | 0.04    | IC900 |
| EC035A12-4C04R0.4 | 3.50 | 4.00 | 12.00 | 50.00 | 4     | 30.0   | 5.0    | C     | 0.40 | 0.01    | 0.04    | IC900 |
| EC040A07-4C04R0.4 | 4.00 | 4.00 | 7.00  | 50.00 | 4     | 30.0   | 5.0    | C     | 0.40 | 0.02    | 0.05    | IC900 |
| EC040A10-4C04R1.0 | 4.00 | 4.00 | 10.00 | 50.00 | 4     | 30.0   | 5.0    | C     | 1.00 | 0.02    | 0.05    | IC900 |
| EC040A12-4C04R0.4 | 4.00 | 4.00 | 12.00 | 50.00 | 4     | 30.0   | 5.0    | C     | 0.40 | 0.02    | 0.05    | IC900 |
| EC040A12-4C04R0.8 | 4.00 | 4.00 | 12.00 | 50.00 | 4     | 30.0   | 5.0    | C     | 0.80 | 0.02    | 0.05    | IC900 |
| EC050A14-4C05R0.5 | 5.00 | 5.00 | 14.00 | 50.00 | 4     | 30.0   | 5.0    | C     | 0.50 | 0.02    | 0.06    | IC900 |
| EC050A20-4C05R0.8 | 5.00 | 5.00 | 20.00 | 50.00 | 4     | 30.0   | 5.0    | C     | 0.80 | 0.02    | 0.06    | IC900 |
| EC060A16-4C06R0.4 | 6.00 | 6.00 | 16.00 | 57.00 | 4     | 30.0   | 5.0    | C     | 0.40 | 0.03    | 0.07    | IC900 |
| EC060A16-4C06R0.8 | 6.00 | 6.00 | 16.00 | 57.00 | 4     | 30.0   | 5.0    | C     | 0.80 | 0.03    | 0.07    | IC900 |
| EC080A20-4C08R0.8 | 8.00 | 8.00 | 20.00 | 63.00 | 4     | 30.0   | 5.0    | C     | 0.80 | 0.03    | 0.09    | IC900 |