



RHINOROUNDS™

MILLING PRODUCTS



Series

- RE1: RhinoRound 5, 6 & 7-Flute Square-End
- REB: RhinoRound 5 & 6-Flute Ball Nose

Info

- Variable pitch
- Center cutting
- Eccentric grind
- Stub, standard, long, XL, XXL and XXXL
- With & without relieved neck
- 38° helix
- Grade IN2205 - Nano-layered PVD-TiAlCN

Diameters

- .250", .312", .375", .437", .500", .625", .750", 1.000", 1.250"

Corner Radii

- .000 (Sharp)
- .015, .030, .060, .090, .125, .250

Shanks

- Cylindrical (standard)
- Weldon Flat or Whistle Notch on request

Applications & Materials

- Conventional Milling
- High Efficiency Milling
- Steel, Stainless Steel, Cast Iron & Hi-Temp Alloys \geq 28 HRC

5, 6 & 7-Flute Solid Carbide End Mills for Semi-Finish, Finish and High Efficiency Machining

Ingersoll is pleased to introduce a new line of economically priced 5, 6 & 7-flute solid carbide end mills. These variable pitch endmills are suitable for semi-finish, finish and high efficiency machining applications where more flutes provide greater productivity. These tools excel in higher hardness materials 28 HRC and above, including steels, stainless steels, cast irons and hi-temp alloys. The variable pitch design reduces vibration when multiple flutes are engaged in the work piece, and the 38° helix provides a combination of reduced cutting forces and excellent chip evacuation.

These RhinoRound RE1 and REB series tools are available with many flute length and corner radii options, and the 5 and 6-flute tools are also available as ball nose tools. Each tool features an eccentric grind which performs very well in moderately hard materials, and all are made using a submicron substrate for good toughness and wear resistance. The unique powder-blue colored PVD-TiAlCN coating provides an excellent barrier against heat and wear, and acts as a lubricant to minimize build-up on the cutting edge.

Features & Benefits:

- 5, 6 & 7-flute, center-cutting, variable pitch with an eccentric grind and 38° helix
- Square-end and ball nose options
- Very large selection including stub, standard, long, XL, XXL and XXXL, with & without relieved neck, and many corner radius options
- Grade IN2205 - Nano-layered PVD-TiAlCN features a unique powder blue color on a submicron substrate
- Economically priced!

(800) 991-4225

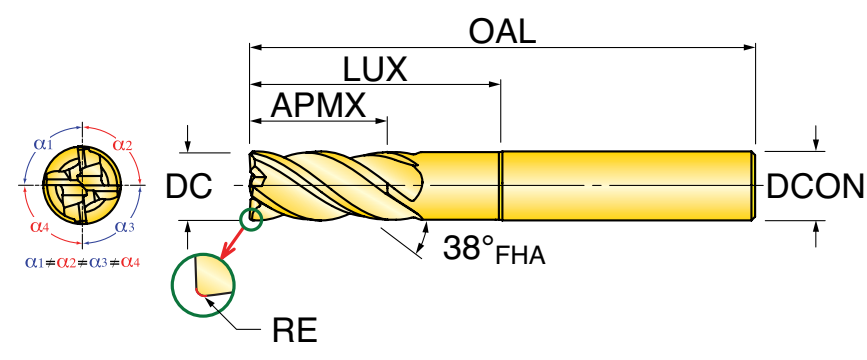
www.ahbinc.com • customerservice@ahbinc.com

ISO Certified

NEW-351
(07/2021)
1/37



RHINOROUNDS™ PART NUMBER IDENTIFICATION (AND TOLERANCES)



| | Series | DC Cut Diameter | APMX Flute Length | LUX Usable Length Max. | No. of Flutes | RE Corner Radius | Shank Style | OAL Overall Length |
|-------|--------|-----------------------|-------------------------|---------------------------------|------------------|------------------------|----------------|--------------------------|
| | | .000" / -.002" | +.062" / -.000" | | | +/- .003" | | +/- .062" |
| Ex. 1 | RE1- | .500 | .625 | .625 | 25 | .015 | C | 25 |
| Ex. 2 | REB- | 1.00 | 1.50 | 5.00 | 26 | .500 | W | 7 |

Example 1: RE1-500.625.625Z5015C25

- RhinoRound RE1 series (square end)
- .500" Cutting Dia
- .625" Flute Length
- .625" Usable Length
- 5 Flutes
- .015" Corner Radius
- (C)ylindrical Shank
- 2.5" Overall Length

Example 2: REB-1.001.505.00Z6500W7

- RhinoRound REB series (ball nose)
- 1.00" Cutting Dia
- 1.50" Flute Length
- 5.00" Usable Length
- 6 Flutes
- .500" Corner Radius (1/2 dia.)
- (W)eldon Flat
- 7" Overall Length

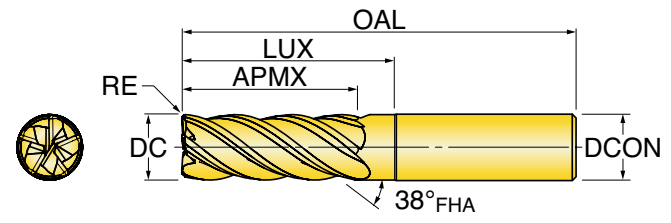
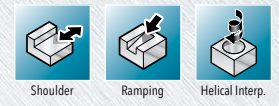
Additional Tolerances:

Shank Diameter: +.0001" / -.0004"
 TIR (Total Indicated Runout): .0005" max



RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.250.500.500Z5000C2 | RE1-.250.500.500Z5000W2 | 0.250 | 0.500 | 0.500 | 0.000 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z5015C2 | RE1-.250.500.500Z5015W2 | 0.250 | 0.500 | 0.500 | 0.015 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z5030C2 | RE1-.250.500.500Z5030W2 | 0.250 | 0.500 | 0.500 | 0.030 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z5060C2 | RE1-.250.500.500Z5060W2 | 0.250 | 0.500 | 0.500 | 0.060 | 0.250 | 2.0 | 1.5 |
| RE1-.250.5002.12Z5000C4 | RE1-.250.5002.12Z5000W4 | 0.250 | 0.500 | 2.125 | 0.000 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z5015C4 | RE1-.250.5002.12Z5015W4 | 0.250 | 0.500 | 2.125 | 0.015 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z5030C4 | RE1-.250.5002.12Z5030W4 | 0.250 | 0.500 | 2.125 | 0.030 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z5060C4 | RE1-.250.5002.12Z5060W4 | 0.250 | 0.500 | 2.125 | 0.060 | 0.250 | 4.0 | 1.5 |
| RE1-.250.750.750Z5000C25 | RE1-.250.750.750Z5000W25 | 0.250 | 0.750 | 0.750 | 0.000 | 0.250 | 2.5 | 1.5 |
| RE1-.250.750.750Z5015C25 | RE1-.250.750.750Z5015W25 | 0.250 | 0.750 | 0.750 | 0.015 | 0.250 | 2.5 | 1.5 |
| RE1-.250.750.750Z5030C25 | RE1-.250.750.750Z5030W25 | 0.250 | 0.750 | 0.750 | 0.030 | 0.250 | 2.5 | 1.5 |
| RE1-.250.7502.50Z5060C25 | RE1-.250.7502.50Z5060W25 | 0.250 | 0.750 | 0.750 | 0.060 | 0.250 | 2.5 | 1.5 |
| RE1-.2501.001.00Z5000C3 | RE1-.2501.001.00Z5000W3 | 0.250 | 1.000 | 1.000 | 0.000 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00Z5015C3 | RE1-.2501.001.00Z5015W3 | 0.250 | 1.000 | 1.000 | 0.015 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00Z5030C3 | RE1-.2501.001.00Z5030W3 | 0.250 | 1.000 | 1.000 | 0.030 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00z5060C3 | RE1-.2501.001.00z5060W3 | 0.250 | 1.000 | 1.000 | 0.060 | 0.250 | 3.0 | 1.5 |
| RE1-.312.500.500Z5000C2 | RE1-.312.500.500Z5000W2 | 0.312 | 0.500 | 0.500 | 0.000 | 0.312 | 2.0 | 1.5 |
| RE1-.312.500.500Z5015C2 | RE1-.312.500.500Z5015W2 | 0.312 | 0.500 | 0.500 | 0.015 | 0.312 | 2.0 | 1.5 |
| RE1-.312.500.500Z5030C2 | RE1-.312.500.500Z5030W2 | 0.312 | 0.500 | 0.500 | 0.030 | 0.312 | 2.0 | 1.5 |
| RE1-.312.875.875Z5000C25 | RE1-.312.875.875Z5000W25 | 0.312 | 0.875 | 0.875 | 0.000 | 0.312 | 2.5 | 1.5 |
| RE1-.312.875.875Z5015C25 | RE1-.312.875.875Z5015W25 | 0.312 | 0.875 | 0.875 | 0.015 | 0.312 | 2.5 | 1.5 |
| RE1-.312.875.875Z5030C25 | RE1-.312.875.875Z5030W25 | 0.312 | 0.875 | 0.875 | 0.030 | 0.312 | 2.5 | 1.5 |
| RE1-.3121.001.00Z5000C3 | RE1-.3121.001.00Z5000W3 | 0.312 | 1.000 | 1.000 | 0.000 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.001.00Z5015C3 | RE1-.3121.001.00Z5015W3 | 0.312 | 1.000 | 1.000 | 0.015 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.001.00Z5030C3 | RE1-.3121.001.00Z5030W3 | 0.312 | 1.000 | 1.000 | 0.030 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.501.50Z5000C4 | RE1-.3121.501.50Z5000W4 | 0.312 | 1.500 | 1.500 | 0.000 | 0.312 | 4.0 | 1.5 |
| RE1-.3121.501.50Z5015C4 | RE1-.3121.501.50Z5015W4 | 0.312 | 1.500 | 1.500 | 0.015 | 0.312 | 4.0 | 1.5 |
| RE1-.3121.501.50Z5030C4 | RE1-.3121.501.50Z5030W4 | 0.312 | 1.500 | 1.500 | 0.030 | 0.312 | 4.0 | 1.5 |
| RE1-.375.500.500Z5000C2 | RE1-.375.500.500Z5000W2 | 0.375 | 0.500 | 0.500 | 0.000 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z5015C2 | RE1-.375.500.500Z5015W2 | 0.375 | 0.500 | 0.500 | 0.015 | 0.375 | 2.0 | 1.5 |

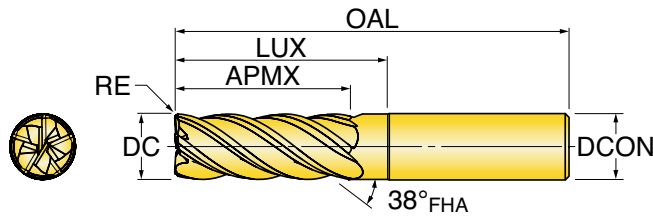
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.375.500.500Z5030C2 | RE1-.375.500.500Z5030W2 | 0.375 | 0.500 | 0.500 | 0.030 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z5060C2 | RE1-.375.500.500Z5060W2 | 0.375 | 0.500 | 0.500 | 0.060 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z5090C2 | RE1-.375.500.500Z5090W2 | 0.375 | 0.500 | 0.500 | 0.090 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z5125C2 | RE1-.375.500.500Z5125W2 | 0.375 | 0.500 | 0.500 | 0.125 | 0.375 | 2.0 | 1.5 |
| RE1-.375.7502.12Z5000C4 | RE1-.375.7502.12Z5000W4 | 0.375 | 0.750 | 2.125 | 0.000 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z5015C4 | RE1-.375.7502.12Z5015W4 | 0.375 | 0.750 | 2.125 | 0.015 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z5030C4 | RE1-.375.7502.12Z5030W4 | 0.375 | 0.750 | 2.125 | 0.030 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z5060C4 | RE1-.375.7502.12Z5060W4 | 0.375 | 0.750 | 2.125 | 0.060 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.001.00Z5000C25 | RE1-.3751.001.00Z5000W25 | 0.375 | 1.000 | 1.000 | 0.000 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z5000C3 | RE1-.3751.001.00Z5000W3 | 0.375 | 1.000 | 1.000 | 0.000 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z5015C25 | RE1-.3751.001.00Z5015W25 | 0.375 | 1.000 | 1.000 | 0.015 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z5015C3 | RE1-.3751.001.00Z5015W3 | 0.375 | 1.000 | 1.000 | 0.015 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z5030C25 | RE1-.3751.001.00Z5030W25 | 0.375 | 1.000 | 1.000 | 0.030 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z5030C3 | RE1-.3751.001.00Z5030W3 | 0.375 | 1.000 | 1.000 | 0.030 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z5060C25 | RE1-.3751.001.00Z5060W25 | 0.375 | 1.000 | 1.000 | 0.060 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z5060C3 | RE1-.3751.001.00Z5060W3 | 0.375 | 1.000 | 1.000 | 0.060 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z5090C25 | RE1-.3751.001.00Z5090W25 | 0.375 | 1.000 | 1.000 | 0.090 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z5090C3 | RE1-.3751.001.00Z5090W3 | 0.375 | 1.000 | 1.000 | 0.090 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z5125C25 | RE1-.3751.001.00Z5125W25 | 0.375 | 1.000 | 1.000 | 0.125 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z5125C3 | RE1-.3751.001.00Z5125W3 | 0.375 | 1.000 | 1.000 | 0.125 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.501.50Z5000C4 | RE1-.3751.501.50Z5000W4 | 0.375 | 1.500 | 1.500 | 0.000 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z5015C4 | RE1-.3751.501.50Z5015W4 | 0.375 | 1.500 | 1.500 | 0.015 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z5030C4 | RE1-.3751.501.50Z5030W4 | 0.375 | 1.500 | 1.500 | 0.030 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z5060C4 | RE1-.3751.501.50Z5060W4 | 0.375 | 1.500 | 1.500 | 0.060 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z5090C4 | RE1-.3751.501.50Z5090W4 | 0.375 | 1.500 | 1.500 | 0.090 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z5125C4 | RE1-.3751.501.50Z5125W4 | 0.375 | 1.500 | 1.500 | 0.125 | 0.375 | 4.0 | 1.5 |
| RE1-.500.625.625Z5000C25 | RE1-.500.625.625Z5000W25 | 0.500 | 0.625 | 0.625 | 0.000 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z5015C25 | RE1-.500.625.625Z5015W25 | 0.500 | 0.625 | 0.625 | 0.015 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z5030C25 | RE1-.500.625.625Z5030W25 | 0.500 | 0.625 | 0.625 | 0.030 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z5060C25 | RE1-.500.625.625Z5060W25 | 0.500 | 0.625 | 0.625 | 0.060 | 0.500 | 2.5 | 1.5 |

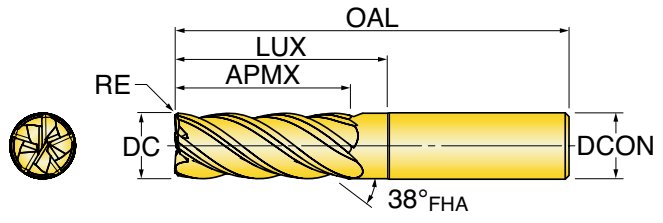
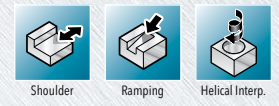
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-500.625.625Z5090C25 | RE1-500.625.625Z5090W25 | 0.500 | 0.625 | 0.625 | 0.090 | 0.500 | 2.5 | 1.5 |
| RE1-500.625.625Z5125C25 | RE1-500.625.625Z5125W25 | 0.500 | 0.625 | 0.625 | 0.125 | 0.500 | 2.5 | 1.5 |
| RE1-500.8751.37Z5000C3 | RE1-500.8751.37Z5000W3 | 0.500 | 0.875 | 1.375 | 0.000 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z5015C3 | RE1-500.8751.37Z5015W3 | 0.500 | 0.875 | 1.375 | 0.015 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z5030C3 | RE1-500.8751.37Z5030W3 | 0.500 | 0.875 | 1.375 | 0.030 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z5060C3 | RE1-500.8751.37Z5060W3 | 0.500 | 0.875 | 1.375 | 0.060 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z5090C3 | RE1-500.8751.37Z5090W3 | 0.500 | 0.875 | 1.375 | 0.090 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z5125C3 | RE1-500.8751.37Z5125W3 | 0.500 | 0.875 | 1.375 | 0.125 | 0.500 | 3.0 | 1.5 |
| RE1-500.8752.12Z5000C4 | RE1-500.8752.12Z5000W4 | 0.500 | 0.875 | 2.125 | 0.000 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z5015C4 | RE1-500.8752.12Z5015W4 | 0.500 | 0.875 | 2.125 | 0.015 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z5030C4 | RE1-500.8752.12Z5030W4 | 0.500 | 0.875 | 2.125 | 0.030 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z5060C4 | RE1-500.8752.12Z5060W4 | 0.500 | 0.875 | 2.125 | 0.060 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z5090C4 | RE1-500.8752.12Z5090W4 | 0.500 | 0.875 | 2.125 | 0.090 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z5125C4 | RE1-500.8752.12Z5125W4 | 0.500 | 0.875 | 2.125 | 0.125 | 0.500 | 4.0 | 1.5 |
| RE1-500.8753.12Z5000C5 | RE1-500.8753.12Z5000W5 | 0.500 | 0.875 | 3.125 | 0.000 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z5015C5 | RE1-500.8753.12Z5015W5 | 0.500 | 0.875 | 3.125 | 0.015 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z5030C5 | RE1-500.8753.12Z5030W5 | 0.500 | 0.875 | 3.125 | 0.030 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z5060C5 | RE1-500.8753.12Z5060W5 | 0.500 | 0.875 | 3.125 | 0.060 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z5090C5 | RE1-500.8753.12Z5090W5 | 0.500 | 0.875 | 3.125 | 0.090 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z5125C5 | RE1-500.8753.12Z5125W5 | 0.500 | 0.875 | 3.125 | 0.125 | 0.500 | 5.0 | 1.5 |
| RE1-500.8754.12Z5000C6 | RE1-500.8754.12Z5000W6 | 0.500 | 0.875 | 4.125 | 0.000 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z5015C6 | RE1-500.8754.12Z5015W6 | 0.500 | 0.875 | 4.125 | 0.015 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z5030C6 | RE1-500.8754.12Z5030W6 | 0.500 | 0.875 | 4.125 | 0.030 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z5060C6 | RE1-500.8754.12Z5060W6 | 0.500 | 0.875 | 4.125 | 0.060 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z5090C6 | RE1-500.8754.12Z5090W6 | 0.500 | 0.875 | 4.125 | 0.090 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z5125C6 | RE1-500.8754.12Z5125W6 | 0.500 | 0.875 | 4.125 | 0.125 | 0.500 | 6.0 | 1.5 |
| RE1-5001.251.25Z5000C3 | RE1-5001.251.25Z5000W3 | 0.500 | 1.250 | 1.250 | 0.000 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z5015C3 | RE1-5001.251.25Z5015W3 | 0.500 | 1.250 | 1.250 | 0.015 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z5030C3 | RE1-5001.251.25Z5030W3 | 0.500 | 1.250 | 1.250 | 0.030 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z5060C3 | RE1-5001.251.25Z5060W3 | 0.500 | 1.250 | 1.250 | 0.060 | 0.500 | 3.0 | 1.5 |

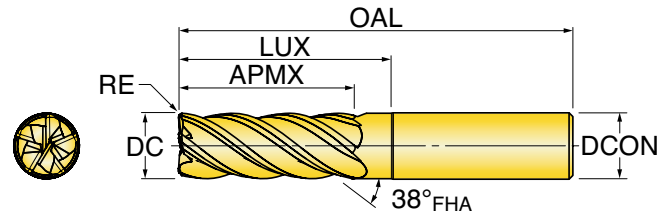
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-5001.251.25Z5090C3 | RE1-5001.251.25Z5090W3 | 0.500 | 1.250 | 1.250 | 0.090 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z5125C3 | RE1-5001.251.25Z5125W3 | 0.500 | 1.250 | 1.250 | 0.125 | 0.500 | 3.0 | 1.5 |
| RE1-5001.621.62Z5000C4 | RE1-5001.621.62Z5000W4 | 0.500 | 1.625 | 1.625 | 0.000 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z5015C4 | RE1-5001.621.62Z5015W4 | 0.500 | 1.625 | 1.625 | 0.015 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z5030C4 | RE1-5001.621.62Z5030W4 | 0.500 | 1.625 | 1.625 | 0.030 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z5060C4 | RE1-5001.621.62Z5060W4 | 0.500 | 1.625 | 1.625 | 0.060 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z5090C4 | RE1-5001.621.62Z5090W4 | 0.500 | 1.625 | 1.625 | 0.090 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z5125C4 | RE1-5001.621.62Z5125W4 | 0.500 | 1.625 | 1.625 | 0.125 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z5000C4 | RE1-5002.002.00Z5000W4 | 0.500 | 2.000 | 2.000 | 0.000 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z5015C4 | RE1-5002.002.00Z5015W4 | 0.500 | 2.000 | 2.000 | 0.015 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z5030C4 | RE1-5002.002.00Z5030W4 | 0.500 | 2.000 | 2.000 | 0.030 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z5060C4 | RE1-5002.002.00Z5060W4 | 0.500 | 2.000 | 2.000 | 0.060 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z5090C4 | RE1-5002.002.00Z5090W4 | 0.500 | 2.000 | 2.000 | 0.090 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z5125C4 | RE1-5002.002.00Z5125W4 | 0.500 | 2.000 | 2.000 | 0.125 | 0.500 | 4.0 | 1.5 |
| RE1-5002.502.50Z5000C5 | RE1-5002.502.50Z5000W5 | 0.500 | 2.500 | 2.500 | 0.000 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z5015C5 | RE1-5002.502.50Z5015W5 | 0.500 | 2.500 | 2.500 | 0.015 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z5030C5 | RE1-5002.502.50Z5030W5 | 0.500 | 2.500 | 2.500 | 0.030 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z5060C5 | RE1-5002.502.50Z5060W5 | 0.500 | 2.500 | 2.500 | 0.060 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z5090C5 | RE1-5002.502.50Z5090W5 | 0.500 | 2.500 | 2.500 | 0.090 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z5125C5 | RE1-5002.502.50Z5125W5 | 0.500 | 2.500 | 2.500 | 0.125 | 0.500 | 5.0 | 1.5 |
| RE1-5003.123.12Z5000C6 | RE1-5003.123.12Z5000W6 | 0.500 | 3.125 | 3.125 | 0.000 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z5015C6 | RE1-5003.123.12Z5015W6 | 0.500 | 3.125 | 3.125 | 0.015 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z5030C6 | RE1-5003.123.12Z5030W6 | 0.500 | 3.125 | 3.125 | 0.030 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z5060C6 | RE1-5003.123.12Z5060W6 | 0.500 | 3.125 | 3.125 | 0.060 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z5090C6 | RE1-5003.123.12Z5090W6 | 0.500 | 3.125 | 3.125 | 0.090 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z5125C6 | RE1-5003.123.12Z5125W6 | 0.500 | 3.125 | 3.125 | 0.125 | 0.500 | 6.0 | 1.5 |
| RE1-625.750.75Z5000C3 | RE1-625.750.75Z5000W3 | 0.625 | 0.750 | 0.750 | 0.000 | 0.625 | 3.0 | 1.5 |
| RE1-625.750.75Z5015C3 | RE1-625.750.75Z5015W3 | 0.625 | 0.750 | 0.750 | 0.015 | 0.625 | 3.0 | 1.5 |
| RE1-625.750.75Z5030C3 | RE1-625.750.75Z5030W3 | 0.625 | 0.750 | 0.750 | 0.030 | 0.625 | 3.0 | 1.5 |
| RE1-625.750.75Z5060C3 | RE1-625.750.75Z5060W3 | 0.625 | 0.750 | 0.750 | 0.060 | 0.625 | 3.0 | 1.5 |

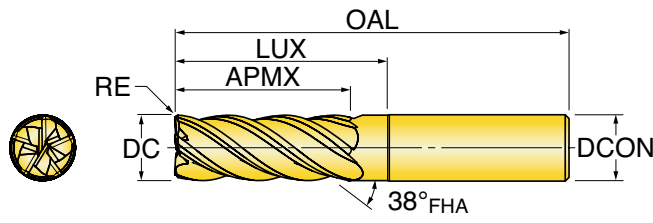
*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.625.750.750Z5090C3 | RE1-.625.750.750Z5090W3 | 0.625 | 0.750 | 0.750 | 0.090 | 0.625 | 3.0 | 1.5 |
| RE1-.625.750.750Z5125C3 | RE1-.625.750.750Z5125W3 | 0.625 | 0.750 | 0.750 | 0.125 | 0.625 | 3.0 | 1.5 |
| RE1-.6251.002.00Z5000C4 | RE1-.6251.002.00Z5000W4 | 0.625 | 1.000 | 2.000 | 0.000 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z5015C4 | RE1-.6251.002.00Z5015W4 | 0.625 | 1.000 | 2.000 | 0.015 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z5030C4 | RE1-.6251.002.00Z5030W4 | 0.625 | 1.000 | 2.000 | 0.030 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z5060C4 | RE1-.6251.002.00Z5060W4 | 0.625 | 1.000 | 2.000 | 0.060 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z5090C4 | RE1-.6251.002.00Z5090W4 | 0.625 | 1.000 | 2.000 | 0.090 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z5125C4 | RE1-.6251.002.00Z5125W4 | 0.625 | 1.000 | 2.000 | 0.125 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.003.00Z5000C5 | RE1-.6251.003.00Z5000W5 | 0.625 | 1.000 | 3.000 | 0.000 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z5015C5 | RE1-.6251.003.00Z5015W5 | 0.625 | 1.000 | 3.000 | 0.015 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z5030C5 | RE1-.6251.003.00Z5030W5 | 0.625 | 1.000 | 3.000 | 0.030 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z5060C5 | RE1-.6251.003.00Z5060W5 | 0.625 | 1.000 | 3.000 | 0.060 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z5090C5 | RE1-.6251.003.00Z5090W5 | 0.625 | 1.000 | 3.000 | 0.090 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z5125C5 | RE1-.6251.003.00Z5125W5 | 0.625 | 1.000 | 3.000 | 0.125 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.004.00Z5000C6 | RE1-.6251.004.00Z5000W6 | 0.625 | 1.000 | 4.000 | 0.000 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z5015C6 | RE1-.6251.004.00Z5015W6 | 0.625 | 1.000 | 4.000 | 0.015 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z5030C6 | RE1-.6251.004.00Z5030W6 | 0.625 | 1.000 | 4.000 | 0.030 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z5060C6 | RE1-.6251.004.00Z5060W6 | 0.625 | 1.000 | 4.000 | 0.060 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z5090C6 | RE1-.6251.004.00Z5090W6 | 0.625 | 1.000 | 4.000 | 0.090 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z5125C6 | RE1-.6251.004.00Z5125W6 | 0.625 | 1.000 | 4.000 | 0.125 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.621.62Z5000C35 | RE1-.6251.621.62Z5000W35 | 0.625 | 1.625 | 1.625 | 0.000 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z5015C35 | RE1-.6251.621.62Z5015W35 | 0.625 | 1.625 | 1.625 | 0.015 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z5030C35 | RE1-.6251.621.62Z5030W35 | 0.625 | 1.625 | 1.625 | 0.030 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z5060C35 | RE1-.6251.621.62Z5060W35 | 0.625 | 1.625 | 1.625 | 0.060 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z5090C35 | RE1-.6251.621.62Z5090W35 | 0.625 | 1.625 | 1.625 | 0.090 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z5125C35 | RE1-.6251.621.62Z5125W35 | 0.625 | 1.625 | 1.625 | 0.125 | 0.625 | 3.5 | 1.5 |
| RE1-.6252.502.50Z5000C5 | RE1-.6252.502.50Z5000W5 | 0.625 | 2.500 | 2.500 | 0.000 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z5015C5 | RE1-.6252.502.50Z5015W5 | 0.625 | 2.500 | 2.500 | 0.015 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z5030C5 | RE1-.6252.502.50Z5030W5 | 0.625 | 2.500 | 2.500 | 0.030 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z5060C5 | RE1-.6252.502.50Z5060W5 | 0.625 | 2.500 | 2.500 | 0.060 | 0.625 | 5.0 | 1.5 |

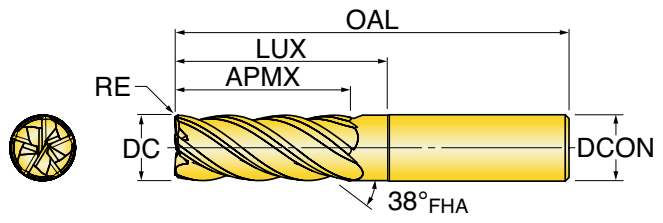
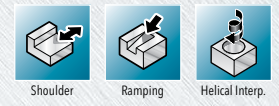
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.6252.502.50Z5090C5 | RE1-.6252.502.50Z5090W5 | 0.625 | 2.500 | 2.500 | 0.090 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z5125C5 | RE1-.6252.502.50Z5125W5 | 0.625 | 2.500 | 2.500 | 0.125 | 0.625 | 5.0 | 1.5 |
| RE1-.6253.003.00Z5000C6 | RE1-.6253.003.00Z5000W6 | 0.625 | 3.000 | 3.000 | 0.000 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z5015C6 | RE1-.6253.003.00Z5015W6 | 0.625 | 3.000 | 3.000 | 0.015 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z5030C6 | RE1-.6253.003.00Z5030W6 | 0.625 | 3.000 | 3.000 | 0.030 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z5060C6 | RE1-.6253.003.00Z5060W6 | 0.625 | 3.000 | 3.000 | 0.060 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z5090C6 | RE1-.6253.003.00Z5090W6 | 0.625 | 3.000 | 3.000 | 0.090 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z5125C6 | RE1-.6253.003.00Z5125W6 | 0.625 | 3.000 | 3.000 | 0.125 | 0.625 | 6.0 | 1.5 |
| RE1-.7501.001.00Z5000C3 | RE1-.7501.001.00Z5000W3 | 0.750 | 1.000 | 1.000 | 0.000 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z5015C3 | RE1-.7501.001.00Z5015W3 | 0.750 | 1.000 | 1.000 | 0.015 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z5030C3 | RE1-.7501.001.00Z5030W3 | 0.750 | 1.000 | 1.000 | 0.030 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z5060C3 | RE1-.7501.001.00Z5060W3 | 0.750 | 1.000 | 1.000 | 0.060 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z5090C3 | RE1-.7501.001.00Z5090W3 | 0.750 | 1.000 | 1.000 | 0.090 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z5125C3 | RE1-.7501.001.00Z5125W3 | 0.750 | 1.000 | 1.000 | 0.125 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.252.00Z5000C4 | RE1-.7501.252.00Z5000W4 | 0.750 | 1.250 | 2.000 | 0.000 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z5015C4 | RE1-.7501.252.00Z5015W4 | 0.750 | 1.250 | 2.000 | 0.015 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z5030C4 | RE1-.7501.252.00Z5030W4 | 0.750 | 1.250 | 2.000 | 0.030 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z5060C4 | RE1-.7501.252.00Z5060W4 | 0.750 | 1.250 | 2.000 | 0.060 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z5090C4 | RE1-.7501.252.00Z5090W4 | 0.750 | 1.250 | 2.000 | 0.090 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z5125C4 | RE1-.7501.252.00Z5125W4 | 0.750 | 1.250 | 2.000 | 0.125 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.253.00Z5000C5 | RE1-.7501.253.00Z5000W5 | 0.750 | 1.250 | 3.000 | 0.000 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z5015C5 | RE1-.7501.253.00Z5015W5 | 0.750 | 1.250 | 3.000 | 0.015 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z5030C5 | RE1-.7501.253.00Z5030W5 | 0.750 | 1.250 | 3.000 | 0.030 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z5060C5 | RE1-.7501.253.00Z5060W5 | 0.750 | 1.250 | 3.000 | 0.060 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z5090C5 | RE1-.7501.253.00Z5090W5 | 0.750 | 1.250 | 3.000 | 0.090 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z5125C5 | RE1-.7501.253.00Z5125W5 | 0.750 | 1.250 | 3.000 | 0.125 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.254.00Z5000C6 | RE1-.7501.254.00Z5000W6 | 0.750 | 1.250 | 4.000 | 0.000 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.00Z5015C6 | RE1-.7501.254.00Z5015W6 | 0.750 | 1.250 | 4.000 | 0.015 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.00Z5030C6 | RE1-.7501.254.00Z5030W6 | 0.750 | 1.250 | 4.000 | 0.030 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.00Z5060C6 | RE1-.7501.254.00Z5060W6 | 0.750 | 1.250 | 4.000 | 0.060 | 0.750 | 6.0 | 1.5 |

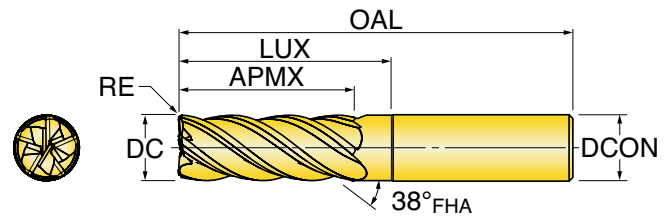
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.7501.254.00Z5090C6 | RE1-.7501.254.00Z5090W6 | 0.750 | 1.250 | 4.000 | 0.090 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.00Z5125C6 | RE1-.7501.254.00Z5125W6 | 0.750 | 1.250 | 4.000 | 0.125 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.621.62Z5000C4 | RE1-.7501.621.62Z5000W4 | 0.750 | 1.625 | 1.625 | 0.000 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z5015C4 | RE1-.7501.621.62Z5015W4 | 0.750 | 1.625 | 1.625 | 0.015 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z5030C4 | RE1-.7501.621.62Z5030W4 | 0.750 | 1.625 | 1.625 | 0.030 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z5060C4 | RE1-.7501.621.62Z5060W4 | 0.750 | 1.625 | 1.625 | 0.060 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z5090C4 | RE1-.7501.621.62Z5090W4 | 0.750 | 1.625 | 1.625 | 0.090 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z5125C4 | RE1-.7501.621.62Z5125W4 | 0.750 | 1.625 | 1.625 | 0.125 | 0.750 | 4.0 | 1.5 |
| RE1-.7502.252.25Z5000C5 | RE1-.7502.252.25Z5000W5 | 0.750 | 2.250 | 2.250 | 0.000 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z5015C5 | RE1-.7502.252.25Z5015W5 | 0.750 | 2.250 | 2.250 | 0.015 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z5030C5 | RE1-.7502.252.25Z5030W5 | 0.750 | 2.250 | 2.250 | 0.030 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z5060C5 | RE1-.7502.252.25Z5060W5 | 0.750 | 2.250 | 2.250 | 0.060 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z5090C5 | RE1-.7502.252.25Z5090W5 | 0.750 | 2.250 | 2.250 | 0.090 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z5125C5 | RE1-.7502.252.25Z5125W5 | 0.750 | 2.250 | 2.250 | 0.125 | 0.750 | 5.0 | 1.5 |
| RE1-.7503.253.25Z5000C6 | RE1-.7503.253.25Z5000W6 | 0.750 | 3.250 | 3.250 | 0.000 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z5015C6 | RE1-.7503.253.25Z5015W6 | 0.750 | 3.250 | 3.250 | 0.015 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z5030C6 | RE1-.7503.253.25Z5030W6 | 0.750 | 3.250 | 3.250 | 0.030 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z5060C6 | RE1-.7503.253.25Z5060W6 | 0.750 | 3.250 | 3.250 | 0.060 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z5090C6 | RE1-.7503.253.25Z5090W6 | 0.750 | 3.250 | 3.250 | 0.090 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z5125C6 | RE1-.7503.253.25Z5125W6 | 0.750 | 3.250 | 3.250 | 0.125 | 0.750 | 6.0 | 1.5 |
| RE1-.7504.124.12Z5000C7 | RE1-.7504.124.12Z5000W7 | 0.750 | 4.125 | 4.125 | 0.000 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z5015C7 | RE1-.7504.124.12Z5015W7 | 0.750 | 4.125 | 4.125 | 0.015 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z5030C7 | RE1-.7504.124.12Z5030W7 | 0.750 | 4.125 | 4.125 | 0.030 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z5060C7 | RE1-.7504.124.12Z5060W7 | 0.750 | 4.125 | 4.125 | 0.060 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z5090C7 | RE1-.7504.124.12Z5090W7 | 0.750 | 4.125 | 4.125 | 0.090 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z5125C7 | RE1-.7504.124.12Z5125W7 | 0.750 | 4.125 | 4.125 | 0.125 | 0.750 | 7.0 | 1.5 |
| RE1-1.001.501.50Z5000C4 | RE1-1.001.501.50Z5000W4 | 1.000 | 1.500 | 1.500 | 0.000 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.501.50Z5015C4 | RE1-1.001.501.50Z5015W4 | 1.000 | 1.500 | 1.500 | 0.015 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.501.50Z5030C4 | RE1-1.001.501.50Z5030W4 | 1.000 | 1.500 | 1.500 | 0.030 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.501.50Z5060C4 | RE1-1.001.501.50Z5060W4 | 1.000 | 1.500 | 1.500 | 0.060 | 1.000 | 4.0 | 1.5 |

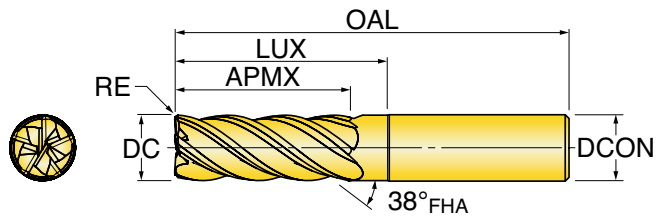
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-1.001.501.50Z5090C4 | RE1-1.001.501.50Z5090W4 | 1.000 | 1.500 | 1.500 | 0.090 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.501.50Z5125C4 | RE1-1.001.501.50Z5125W4 | 1.000 | 1.500 | 1.500 | 0.125 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.503.00Z5000C5 | RE1-1.001.503.00Z5000W5 | 1.000 | 1.500 | 3.000 | 0.000 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z5015C5 | RE1-1.001.503.00Z5015W5 | 1.000 | 1.500 | 3.000 | 0.015 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z5030C5 | RE1-1.001.503.00Z5030W5 | 1.000 | 1.500 | 3.000 | 0.030 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z5060C5 | RE1-1.001.503.00Z5060W5 | 1.000 | 1.500 | 3.000 | 0.060 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z5090C5 | RE1-1.001.503.00Z5090W5 | 1.000 | 1.500 | 3.000 | 0.090 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z5125C5 | RE1-1.001.503.00Z5125W5 | 1.000 | 1.500 | 3.000 | 0.125 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.504.00Z5000C6 | RE1-1.001.504.00Z5000W6 | 1.000 | 1.500 | 4.000 | 0.000 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z5015C6 | RE1-1.001.504.00Z5015W6 | 1.000 | 1.500 | 4.000 | 0.015 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z5030C6 | RE1-1.001.504.00Z5030W6 | 1.000 | 1.500 | 4.000 | 0.030 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z5060C6 | RE1-1.001.504.00Z5060W6 | 1.000 | 1.500 | 4.000 | 0.060 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z5090C6 | RE1-1.001.504.00Z5090W6 | 1.000 | 1.500 | 4.000 | 0.090 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z5125C6 | RE1-1.001.504.00Z5125W6 | 1.000 | 1.500 | 4.000 | 0.125 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.505.00Z5000C7 | RE1-1.001.505.00Z5000W7 | 1.000 | 1.500 | 5.000 | 0.000 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z5015C7 | RE1-1.001.505.00Z5015W7 | 1.000 | 1.500 | 5.000 | 0.015 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z5030C7 | RE1-1.001.505.00Z5030W7 | 1.000 | 1.500 | 5.000 | 0.030 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z5060C7 | RE1-1.001.505.00Z5060W7 | 1.000 | 1.500 | 5.000 | 0.060 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z5090C7 | RE1-1.001.505.00Z5090W7 | 1.000 | 1.500 | 5.000 | 0.090 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z5125C7 | RE1-1.001.505.00Z5125W7 | 1.000 | 1.500 | 5.000 | 0.125 | 1.000 | 7.0 | 1.5 |
| RE1-1.002.002.00Z5000C45 | RE1-1.002.002.00Z5000W45 | 1.000 | 2.000 | 2.000 | 0.000 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z5015C45 | RE1-1.002.002.00Z5015W45 | 1.000 | 2.000 | 2.000 | 0.015 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z5030C45 | RE1-1.002.002.00Z5030W45 | 1.000 | 2.000 | 2.000 | 0.030 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z5060C45 | RE1-1.002.002.00Z5060W45 | 1.000 | 2.000 | 2.000 | 0.060 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z5090C45 | RE1-1.002.002.00Z5090W45 | 1.000 | 2.000 | 2.000 | 0.090 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z5125C45 | RE1-1.002.002.00Z5125W45 | 1.000 | 2.000 | 2.000 | 0.125 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.252.25Z5000C5 | RE1-1.002.252.25Z5000W5 | 1.000 | 2.250 | 2.250 | 0.000 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.25Z5015C5 | RE1-1.002.252.25Z5015W5 | 1.000 | 2.250 | 2.250 | 0.015 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.25Z5030C5 | RE1-1.002.252.25Z5030W5 | 1.000 | 2.250 | 2.250 | 0.030 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.25Z5060C5 | RE1-1.002.252.25Z5060W5 | 1.000 | 2.250 | 2.250 | 0.060 | 1.000 | 5.0 | 1.5 |

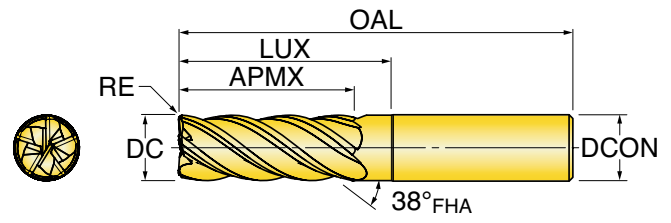
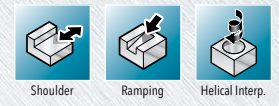
*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



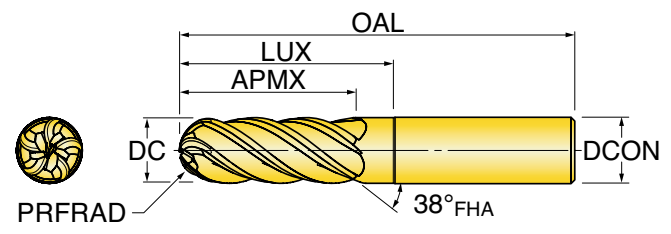
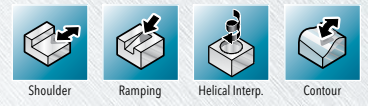
| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-1.002.252.25Z5090C5 | RE1-1.002.252.25Z5090W5 | 1.000 | 2.250 | 2.250 | 0.090 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.25Z5125C5 | RE1-1.002.252.25Z5125W5 | 1.000 | 2.250 | 2.250 | 0.125 | 1.000 | 5.0 | 1.5 |
| RE1-1.003.253.25Z5000C6 | RE1-1.003.253.25Z5000W6 | 1.000 | 3.250 | 3.250 | 0.000 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z5015C6 | RE1-1.003.253.25Z5015W6 | 1.000 | 3.250 | 3.250 | 0.015 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z5030C6 | RE1-1.003.253.25Z5030W6 | 1.000 | 3.250 | 3.250 | 0.030 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z5060C6 | RE1-1.003.253.25Z5060W6 | 1.000 | 3.250 | 3.250 | 0.060 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z5090C6 | RE1-1.003.253.25Z5090W6 | 1.000 | 3.250 | 3.250 | 0.090 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z5125C6 | RE1-1.003.253.25Z5125W6 | 1.000 | 3.250 | 3.250 | 0.125 | 1.000 | 6.0 | 1.5 |
| RE1-1.004.124.12Z5000C7 | RE1-1.004.124.12Z5000W7 | 1.000 | 4.125 | 4.125 | 0.000 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z5015C7 | RE1-1.004.124.12Z5015W7 | 1.000 | 4.125 | 4.125 | 0.015 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z5030C7 | RE1-1.004.124.12Z5030W7 | 1.000 | 4.125 | 4.125 | 0.030 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z5060C7 | RE1-1.004.124.12Z5060W7 | 1.000 | 4.125 | 4.125 | 0.060 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z5090C7 | RE1-1.004.124.12Z5090W7 | 1.000 | 4.125 | 4.125 | 0.090 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z5125C7 | RE1-1.004.124.12Z5125W7 | 1.000 | 4.125 | 4.125 | 0.125 | 1.000 | 7.0 | 1.5 |

*Non-stock item. Built on request.



RHINOROUNDS™ SERIES REB_5 (5-FLUTE, BALLNOSE)

5 FLUTE BALLNOSE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | PRFRAD Profile Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|-----------------------------|---------------------------|--------------------------|----------------------------|
| REB-.250.500.500Z5125C2 | REB-.250.500.500Z5125W2 | 0.250 | 0.500 | 0.500 | 0.125 | 0.250 | 2.0 | 1.5 |
| REB-.250.5002.12Z5125C4 | REB-.250.5002.12Z5125W4 | 0.250 | 0.500 | 2.125 | 0.125 | 0.250 | 4.0 | 1.5 |
| REB-.250.750.750Z5125C25 | REB-.250.750.750Z5125W25 | 0.250 | 0.750 | 0.750 | 0.125 | 0.250 | 2.5 | 1.5 |
| REB-.2501.001.00Z5125C3 | REB-.2501.001.00Z5125W3 | 0.250 | 1.000 | 1.000 | 0.125 | 0.250 | 3.0 | 1.5 |
| REB-.312.500.500Z5156C2 | REB-.312.500.500Z5156W2 | 0.312 | 0.500 | 0.500 | 0.156 | 0.312 | 2.0 | 1.5 |
| REB-.312.875.875Z5156C25 | REB-.312.875.875Z5156W25 | 0.312 | 0.875 | 0.875 | 0.156 | 0.312 | 2.5 | 1.5 |
| REB-.3121.001.00Z5156C3 | REB-.3121.001.00Z5156W3 | 0.312 | 1.000 | 1.000 | 0.156 | 0.312 | 3.0 | 1.5 |
| REB-.3121.501.50Z5156C4 | REB-.3121.501.50Z5156W4 | 0.312 | 1.500 | 1.500 | 0.156 | 0.312 | 4.0 | 1.5 |
| REB-.375.500.500Z5187C2 | REB-.375.500.500Z5187W2 | 0.375 | 0.500 | 0.500 | 0.188 | 0.375 | 2.0 | 1.5 |
| REB-.375.7502.12Z5187C4 | REB-.375.7502.12Z5187W4 | 0.375 | 0.750 | 2.125 | 0.188 | 0.375 | 4.0 | 1.5 |
| REB-.3751.001.00Z5187C25 | REB-.3751.001.00Z5187W25 | 0.375 | 1.000 | 1.000 | 0.188 | 0.375 | 2.5 | 1.5 |
| REB-.3751.001.00Z5187C3 | REB-.3751.001.00Z5187W3 | 0.375 | 1.000 | 1.000 | 0.188 | 0.375 | 3.0 | 1.5 |
| REB-.3751.501.50Z5187C4 | REB-.3751.501.50Z5187W4 | 0.375 | 1.500 | 1.500 | 0.188 | 0.375 | 4.0 | 1.5 |
| REB-.500.625.625Z5250C25 | REB-.500.625.625Z5250W25 | 0.500 | 0.625 | 0.625 | 0.250 | 0.500 | 2.5 | 1.5 |
| REB-.500.8751.37Z5250C3 | REB-.500.8751.37Z5250W3 | 0.500 | 0.875 | 1.375 | 0.250 | 0.500 | 3.0 | 1.5 |
| REB-.500.8752.12Z5250C4 | REB-.500.8752.12Z5250W4 | 0.500 | 0.875 | 2.125 | 0.250 | 0.500 | 4.0 | 1.5 |
| REB-.500.8753.12Z5250C5 | REB-.500.8753.12Z5250W5 | 0.500 | 0.875 | 3.125 | 0.250 | 0.500 | 5.0 | 1.5 |
| REB-.500.8754.12Z5250C6 | REB-.500.8754.12Z5250W6 | 0.500 | 0.875 | 4.125 | 0.250 | 0.500 | 6.0 | 1.5 |
| REB-.5001.251.25Z5250C3 | REB-.5001.251.25Z5250W3 | 0.500 | 1.250 | 1.250 | 0.250 | 0.500 | 3.0 | 1.5 |
| REB-.5001.621.62Z5250C4 | REB-.5001.621.62Z5250W4 | 0.500 | 1.625 | 1.625 | 0.250 | 0.500 | 4.0 | 1.5 |
| REB-.5002.002.00Z5250C4 | REB-.5002.002.00Z5250W4 | 0.500 | 2.000 | 2.000 | 0.250 | 0.500 | 4.0 | 1.5 |
| REB-.5002.502.50Z5250C5 | REB-.5002.502.50Z5250W5 | 0.500 | 2.500 | 2.500 | 0.250 | 0.500 | 5.0 | 1.5 |
| REB-.5003.123.12Z5250C6 | REB-.5003.123.12Z5250W6 | 0.500 | 3.125 | 3.125 | 0.250 | 0.500 | 6.0 | 1.5 |
| REB-.625.750.750Z5312C3 | REB-.625.750.750Z5312W3 | 0.625 | 0.750 | 0.750 | 0.313 | 0.625 | 3.0 | 1.5 |
| REB-.6251.002.00Z5312C4 | REB-.6251.002.00Z5312W4 | 0.625 | 1.000 | 2.000 | 0.313 | 0.625 | 4.0 | 1.5 |
| REB-.6251.003.00Z5312C5 | REB-.6251.003.00Z5312W5 | 0.625 | 1.000 | 3.000 | 0.313 | 0.625 | 5.0 | 1.5 |
| REB-.6251.004.00Z5312C6 | REB-.6251.004.00Z5312W6 | 0.625 | 1.000 | 4.000 | 0.313 | 0.625 | 6.0 | 1.5 |
| REB-.6251.621.62Z5312C35 | REB-.6251.621.62Z5312W35 | 0.625 | 1.625 | 1.625 | 0.313 | 0.625 | 3.5 | 1.5 |
| REB-.6252.502.50Z5312C5 | REB-.6252.502.50Z5312W5 | 0.625 | 2.500 | 2.500 | 0.313 | 0.625 | 5.0 | 1.5 |
| REB-.6253.003.00Z5312C6 | REB-.6253.003.00Z5312W6 | 0.625 | 3.000 | 3.000 | 0.313 | 0.625 | 6.0 | 1.5 |

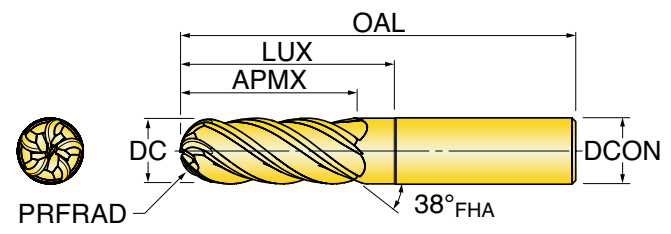
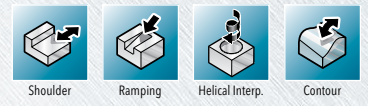
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES REB_5 (5-FLUTE, BALLNOSE)

5 FLUTE BALLNOSE ENDMILLS, 38° HELIX, VARIABLE PITCH



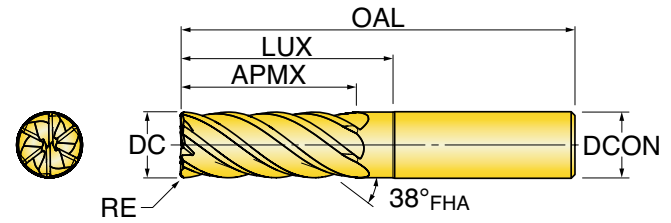
| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | PRFRAD Profile Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|-----------------------------|---------------------------|--------------------------|----------------------------|
| REB-.7501.001.00Z5375C3 | REB-.7501.001.00Z5375W3 | 0.750 | 1.000 | 1.000 | 0.375 | 0.750 | 3.0 | 1.5 |
| REB-.7501.252.00Z5375C4 | REB-.7501.252.00Z5375W4 | 0.750 | 1.250 | 2.000 | 0.375 | 0.750 | 4.0 | 1.5 |
| REB-.7501.253.00Z5375C5 | REB-.7501.253.00Z5375W5 | 0.750 | 1.250 | 3.000 | 0.375 | 0.750 | 5.0 | 1.5 |
| REB-.7501.254.00Z5375C6 | REB-.7501.254.00Z5375W6 | 0.750 | 1.250 | 4.000 | 0.375 | 0.750 | 6.0 | 1.5 |
| REB-.7501.621.62Z5375C4 | REB-.7501.621.62Z5375W4 | 0.750 | 1.625 | 1.625 | 0.375 | 0.750 | 4.0 | 1.5 |
| REB-.7502.252.25Z5375C5 | REB-.7502.252.25Z5375W5 | 0.750 | 2.250 | 2.250 | 0.375 | 0.750 | 5.0 | 1.5 |
| REB-.7503.253.25Z5375C6 | REB-.7503.253.25Z5375W6 | 0.750 | 3.250 | 3.250 | 0.375 | 0.750 | 6.0 | 1.5 |
| REB-.7504.124.12Z5375C7 | REB-.7504.124.12Z5375W7 | 0.750 | 4.125 | 4.125 | 0.375 | 0.750 | 7.0 | 1.5 |
| REB-1.001.501.50Z5500C4 | REB-1.001.501.50Z5500W4 | 1.000 | 1.500 | 1.500 | 0.500 | 1.000 | 4.0 | 1.5 |
| REB-1.001.503.00Z5500C5 | REB-1.001.503.00Z5500W5 | 1.000 | 1.500 | 3.000 | 0.500 | 1.000 | 5.0 | 1.5 |
| REB-1.001.504.00Z5500C6 | REB-1.001.504.00Z5500W6 | 1.000 | 1.500 | 4.000 | 0.500 | 1.000 | 6.0 | 1.5 |
| REB-1.001.505.00Z5500C7 | REB-1.001.505.00Z5500W7 | 1.000 | 1.500 | 5.000 | 0.500 | 1.000 | 7.0 | 1.5 |
| REB-1.002.002.00Z5500C45 | REB-1.002.002.00Z5500W45 | 1.000 | 2.000 | 2.000 | 0.500 | 1.000 | 4.5 | 1.5 |
| REB-1.002.252.25Z5500C5 | REB-1.002.252.25Z5500W5 | 1.000 | 2.250 | 2.250 | 0.500 | 1.000 | 5.0 | 1.5 |
| REB-1.003.253.25Z5500C6 | REB-1.003.253.25Z5500W6 | 1.000 | 3.250 | 3.250 | 0.500 | 1.000 | 6.0 | 1.5 |
| REB-1.004.124.12Z5500C7 | REB-1.004.124.12Z5500W7 | 1.000 | 4.125 | 4.125 | 0.500 | 1.000 | 7.0 | 1.5 |

*Non-stock item. Built on request.



RHINOROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.250.500.500Z6000C2 | RE1-.250.500.500Z6000W2 | 0.250 | 0.500 | 0.500 | 0.000 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z6015C2 | RE1-.250.500.500Z6015W2 | 0.250 | 0.500 | 0.500 | 0.015 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z6030C2 | RE1-.250.500.500Z6030W2 | 0.250 | 0.500 | 0.500 | 0.030 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z6060C2 | RE1-.250.500.500Z6060W2 | 0.250 | 0.500 | 0.500 | 0.060 | 0.250 | 2.0 | 1.5 |
| RE1-.250.5002.12Z6000C4 | RE1-.250.5002.12Z6000W4 | 0.250 | 0.500 | 2.125 | 0.000 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z6015C4 | RE1-.250.5002.12Z6015W4 | 0.250 | 0.500 | 2.125 | 0.015 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z6030C4 | RE1-.250.5002.12Z6030W4 | 0.250 | 0.500 | 2.125 | 0.030 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z6060C4 | RE1-.250.5002.12Z6060W4 | 0.250 | 0.500 | 2.125 | 0.060 | 0.250 | 4.0 | 1.5 |
| RE1-.250.750.750Z6000C25 | RE1-.250.750.750Z6000W25 | 0.250 | 0.750 | 0.750 | 0.000 | 0.250 | 2.5 | 1.5 |
| RE1-.250.750.750Z6015C25 | RE1-.250.750.750Z6015W25 | 0.250 | 0.750 | 0.750 | 0.015 | 0.250 | 2.5 | 1.5 |
| RE1-.250.750.750Z6030C25 | RE1-.250.750.750Z6030W25 | 0.250 | 0.750 | 0.750 | 0.030 | 0.250 | 2.5 | 1.5 |
| RE1-.250.750.750Z6060C25 | RE1-.250.750.750Z6060W25 | 0.250 | 0.750 | 0.750 | 0.060 | 0.250 | 2.5 | 1.5 |
| RE1-.2501.001.00Z6000C3 | RE1-.2501.001.00Z6000W3 | 0.250 | 1.000 | 1.000 | 0.000 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00Z6015C3 | RE1-.2501.001.00Z6015W3 | 0.250 | 1.000 | 1.000 | 0.015 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00Z6030C3 | RE1-.2501.001.00Z6030W3 | 0.250 | 1.000 | 1.000 | 0.030 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00Z6060C3 | RE1-.2501.001.00Z6060W3 | 0.250 | 1.000 | 1.000 | 0.060 | 0.250 | 3.0 | 1.5 |
| RE1-.312.500.500Z6000C2 | RE1-.312.500.500Z6000W2 | 0.312 | 0.500 | 0.500 | 0.000 | 0.312 | 2.0 | 1.5 |
| RE1-.312.500.500Z6015C2 | RE1-.312.500.500Z6015W2 | 0.312 | 0.500 | 0.500 | 0.015 | 0.312 | 2.0 | 1.5 |
| RE1-.312.500.500Z6030C2 | RE1-.312.500.500Z6030W2 | 0.312 | 0.500 | 0.500 | 0.030 | 0.312 | 2.0 | 1.5 |
| RE1-.312.875.875Z6000C25 | RE1-.312.875.875Z6000W25 | 0.312 | 0.875 | 0.875 | 0.000 | 0.312 | 2.5 | 1.5 |
| RE1-.312.875.875Z6015C25 | RE1-.312.875.875Z6015W25 | 0.312 | 0.875 | 0.875 | 0.015 | 0.312 | 2.5 | 1.5 |
| RE1-.312.875.875Z6030C25 | RE1-.312.875.875Z6030W25 | 0.312 | 0.875 | 0.875 | 0.030 | 0.312 | 2.5 | 1.5 |
| RE1-.3121.001.00Z6000C3 | RE1-.3121.001.00Z6000W3 | 0.312 | 1.000 | 1.000 | 0.000 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.001.00Z6015C3 | RE1-.3121.001.00Z6015W3 | 0.312 | 1.000 | 1.000 | 0.015 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.001.00Z6030C3 | RE1-.3121.001.00Z6030W3 | 0.312 | 1.000 | 1.000 | 0.030 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.501.50Z6000C4 | RE1-.3121.501.50Z6000W4 | 0.312 | 1.500 | 1.500 | 0.000 | 0.312 | 4.0 | 1.5 |
| RE1-.3121.501.50Z6015C4 | RE1-.3121.501.50Z6015W4 | 0.312 | 1.500 | 1.500 | 0.015 | 0.312 | 4.0 | 1.5 |
| RE1-.3121.501.50Z6030C4 | RE1-.3121.501.50Z6030W4 | 0.312 | 1.500 | 1.500 | 0.030 | 0.312 | 4.0 | 1.5 |
| RE1-.375.500.500Z6000C2 | RE1-.375.500.500Z6000W2 | 0.375 | 0.500 | 0.500 | 0.000 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z6015C2 | RE1-.375.500.500Z6015W2 | 0.375 | 0.500 | 0.500 | 0.015 | 0.375 | 2.0 | 1.5 |

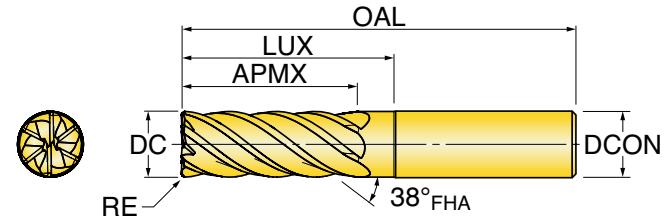
*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.375.500.500Z6030C2 | RE1-.375.500.500Z6030W2 | 0.375 | 0.500 | 0.500 | 0.030 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z6060C2 | RE1-.375.500.500Z6060W2 | 0.375 | 0.500 | 0.500 | 0.060 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z6090C2 | RE1-.375.500.500Z6090W2 | 0.375 | 0.500 | 0.500 | 0.090 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z6125C2 | RE1-.375.500.500Z6125W2 | 0.375 | 0.500 | 0.500 | 0.125 | 0.375 | 2.0 | 1.5 |
| RE1-.375.7502.12Z6000C4 | RE1-.375.7502.12Z6000W4 | 0.375 | 0.750 | 2.125 | 0.000 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z6015C4 | RE1-.375.7502.12Z6015W4 | 0.375 | 0.750 | 2.125 | 0.015 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z6030C4 | RE1-.375.7502.12Z6030W4 | 0.375 | 0.750 | 2.125 | 0.030 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z6060C4 | RE1-.375.7502.12Z6060W4 | 0.375 | 0.750 | 2.125 | 0.060 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.001.00Z6000C25 | RE1-.3751.001.00Z6000W25 | 0.375 | 1.000 | 1.000 | 0.000 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z6000C3 | RE1-.3751.001.00Z6000W3 | 0.375 | 1.000 | 1.000 | 0.000 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z6015C25 | RE1-.3751.001.00Z6015W25 | 0.375 | 1.000 | 1.000 | 0.015 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z6015C3 | RE1-.3751.001.00Z6015W3 | 0.375 | 1.000 | 1.000 | 0.015 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z6030C25 | RE1-.3751.001.00Z6030W25 | 0.375 | 1.000 | 1.000 | 0.030 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z6030C3 | RE1-.3751.001.00Z6030W3 | 0.375 | 1.000 | 1.000 | 0.030 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z6060C25 | RE1-.3751.001.00Z6060W25 | 0.375 | 1.000 | 1.000 | 0.060 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z6060C3 | RE1-.3751.001.00Z6060W3 | 0.375 | 1.000 | 1.000 | 0.060 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z6090C25 | RE1-.3751.001.00Z6090W25 | 0.375 | 1.000 | 1.000 | 0.090 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z6090C3 | RE1-.3751.001.00Z6090W3 | 0.375 | 1.000 | 1.000 | 0.090 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z6125C25 | RE1-.3751.001.00Z6125W25 | 0.375 | 1.000 | 1.000 | 0.125 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z6125C3 | RE1-.3751.001.00Z6125W3 | 0.375 | 1.000 | 1.000 | 0.125 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.501.50Z6000C4 | RE1-.3751.501.50Z6000W4 | 0.375 | 1.500 | 1.500 | 0.000 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z6015C4 | RE1-.3751.501.50Z6015W4 | 0.375 | 1.500 | 1.500 | 0.015 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z6030C4 | RE1-.3751.501.50Z6030W4 | 0.375 | 1.500 | 1.500 | 0.030 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z6060C4 | RE1-.3751.501.50Z6060W4 | 0.375 | 1.500 | 1.500 | 0.060 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z6090C4 | RE1-.3751.501.50Z6090W4 | 0.375 | 1.500 | 1.500 | 0.090 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z6125C4 | RE1-.3751.501.50Z6125W4 | 0.375 | 1.500 | 1.500 | 0.125 | 0.375 | 4.0 | 1.5 |
| RE1-.500.625.625Z6000C25 | RE1-.500.625.625Z6000W25 | 0.500 | 0.625 | 0.625 | 0.000 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z6015C25 | RE1-.500.625.625Z6015W25 | 0.500 | 0.625 | 0.625 | 0.015 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z6030C25 | RE1-.500.625.625Z6030W25 | 0.500 | 0.625 | 0.625 | 0.030 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z6060C25 | RE1-.500.625.625Z6060W25 | 0.500 | 0.625 | 0.625 | 0.060 | 0.500 | 2.5 | 1.5 |

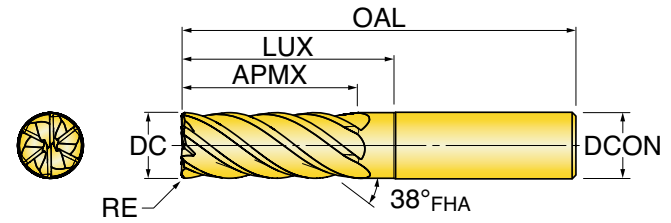
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-500.625.625Z6090C25 | RE1-500.625.625Z6090W25 | 0.500 | 0.625 | 0.625 | 0.090 | 0.500 | 2.5 | 1.5 |
| RE1-500.625.625Z6125C25 | RE1-500.625.625Z6125W25 | 0.500 | 0.625 | 0.625 | 0.125 | 0.500 | 2.5 | 1.5 |
| RE1-500.8751.37Z6000C3 | RE1-500.8751.37Z6000W3 | 0.500 | 0.875 | 1.375 | 0.000 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z6015C3 | RE1-500.8751.37Z6015W3 | 0.500 | 0.875 | 1.375 | 0.015 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z6030C3 | RE1-500.8751.37Z6030W3 | 0.500 | 0.875 | 1.375 | 0.030 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z6060C3 | RE1-500.8751.37Z6060W3 | 0.500 | 0.875 | 1.375 | 0.060 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z6090C3 | RE1-500.8751.37Z6090W3 | 0.500 | 0.875 | 1.375 | 0.090 | 0.500 | 3.0 | 1.5 |
| RE1-500.8751.37Z6125C3 | RE1-500.8751.37Z6125W3 | 0.500 | 0.875 | 1.375 | 0.125 | 0.500 | 3.0 | 1.5 |
| RE1-500.8752.12Z6000C4 | RE1-500.8752.12Z6000W4 | 0.500 | 0.875 | 2.125 | 0.000 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z6015C4 | RE1-500.8752.12Z6015W4 | 0.500 | 0.875 | 2.125 | 0.015 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z6030C4 | RE1-500.8752.12Z6030W4 | 0.500 | 0.875 | 2.125 | 0.030 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z6060C4 | RE1-500.8752.12Z6060W4 | 0.500 | 0.875 | 2.125 | 0.060 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z6090C4 | RE1-500.8752.12Z6090W4 | 0.500 | 0.875 | 2.125 | 0.090 | 0.500 | 4.0 | 1.5 |
| RE1-500.8752.12Z6125C4 | RE1-500.8752.12Z6125W4 | 0.500 | 0.875 | 2.125 | 0.125 | 0.500 | 4.0 | 1.5 |
| RE1-500.8753.12Z6000C5 | RE1-500.8753.12Z6000W5 | 0.500 | 0.875 | 3.125 | 0.000 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z6015C5 | RE1-500.8753.12Z6015W5 | 0.500 | 0.875 | 3.125 | 0.015 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z6030C5 | RE1-500.8753.12Z6030W5 | 0.500 | 0.875 | 3.125 | 0.030 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z6060C5 | RE1-500.8753.12Z6060W5 | 0.500 | 0.875 | 3.125 | 0.060 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z6090C5 | RE1-500.8753.12Z6090W5 | 0.500 | 0.875 | 3.125 | 0.090 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z6125C5 | RE1-500.8753.12Z6125W5 | 0.500 | 0.875 | 3.125 | 0.125 | 0.500 | 5.0 | 1.5 |
| RE1-500.8754.12Z6000C6 | RE1-500.8754.12Z6000W6 | 0.500 | 0.875 | 4.125 | 0.000 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z6015C6 | RE1-500.8754.12Z6015W6 | 0.500 | 0.875 | 4.125 | 0.015 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z6030C6 | RE1-500.8754.12Z6030W6 | 0.500 | 0.875 | 4.125 | 0.030 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z6060C6 | RE1-500.8754.12Z6060W6 | 0.500 | 0.875 | 4.125 | 0.060 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z6090C6 | RE1-500.8754.12Z6090W6 | 0.500 | 0.875 | 4.125 | 0.090 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z6125C6 | RE1-500.8754.12Z6125W6 | 0.500 | 0.875 | 4.125 | 0.125 | 0.500 | 6.0 | 1.5 |
| RE1-5001.251.25Z6000C3 | RE1-5001.251.25Z6000W3 | 0.500 | 1.250 | 1.250 | 0.000 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z6015C3 | RE1-5001.251.25Z6015W3 | 0.500 | 1.250 | 1.250 | 0.015 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z6030C3 | RE1-5001.251.25Z6030W3 | 0.500 | 1.250 | 1.250 | 0.030 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z6060C3 | RE1-5001.251.25Z6060W3 | 0.500 | 1.250 | 1.250 | 0.060 | 0.500 | 3.0 | 1.5 |

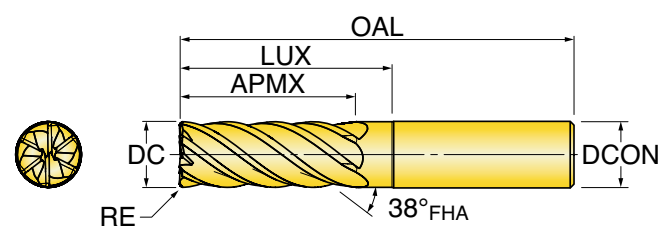
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-5001.251.25Z6090C3 | RE1-5001.251.25Z6090W3 | 0.500 | 1.250 | 1.250 | 0.090 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z6125C3 | RE1-5001.251.25Z6125W3 | 0.500 | 1.250 | 1.250 | 0.125 | 0.500 | 3.0 | 1.5 |
| RE1-5001.621.62Z6000C4 | RE1-5001.621.62Z6000W4 | 0.500 | 1.625 | 1.625 | 0.000 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z6015C4 | RE1-5001.621.62Z6015W4 | 0.500 | 1.625 | 1.625 | 0.015 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z6030C4 | RE1-5001.621.62Z6030W4 | 0.500 | 1.625 | 1.625 | 0.030 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z6060C4 | RE1-5001.621.62Z6060W4 | 0.500 | 1.625 | 1.625 | 0.060 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z6090C4 | RE1-5001.621.62Z6090W4 | 0.500 | 1.625 | 1.625 | 0.090 | 0.500 | 4.0 | 1.5 |
| RE1-5001.621.62Z6125C4 | RE1-5001.621.62Z6125W4 | 0.500 | 1.625 | 1.625 | 0.125 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z6000C4 | RE1-5002.002.00Z6000W4 | 0.500 | 2.000 | 2.000 | 0.000 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z6015C4 | RE1-5002.002.00Z6015W4 | 0.500 | 2.000 | 2.000 | 0.015 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z6030C4 | RE1-5002.002.00Z6030W4 | 0.500 | 2.000 | 2.000 | 0.030 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z6060C4 | RE1-5002.002.00Z6060W4 | 0.500 | 2.000 | 2.000 | 0.060 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z6090C4 | RE1-5002.002.00Z6090W4 | 0.500 | 2.000 | 2.000 | 0.090 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z6125C4 | RE1-5002.002.00Z6125W4 | 0.500 | 2.000 | 2.000 | 0.125 | 0.500 | 4.0 | 1.5 |
| RE1-5002.502.50Z6000C5 | RE1-5002.502.50Z6000W5 | 0.500 | 2.500 | 2.500 | 0.000 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z6015C5 | RE1-5002.502.50Z6015W5 | 0.500 | 2.500 | 2.500 | 0.015 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z6030C5 | RE1-5002.502.50Z6030W5 | 0.500 | 2.500 | 2.500 | 0.030 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z6060C5 | RE1-5002.502.50Z6060W5 | 0.500 | 2.500 | 2.500 | 0.060 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z6090C5 | RE1-5002.502.50Z6090W5 | 0.500 | 2.500 | 2.500 | 0.090 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z6125C5 | RE1-5002.502.50Z6125W5 | 0.500 | 2.500 | 2.500 | 0.125 | 0.500 | 5.0 | 1.5 |
| RE1-5003.123.12Z6000C6 | RE1-5003.123.12Z6000W6 | 0.500 | 3.125 | 3.125 | 0.000 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z6015C6 | RE1-5003.123.12Z6015W6 | 0.500 | 3.125 | 3.125 | 0.015 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z6030C6 | RE1-5003.123.12Z6030W6 | 0.500 | 3.125 | 3.125 | 0.030 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z6060C6 | RE1-5003.123.12Z6060W6 | 0.500 | 3.125 | 3.125 | 0.060 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z6090C6 | RE1-5003.123.12Z6090W6 | 0.500 | 3.125 | 3.125 | 0.090 | 0.500 | 6.0 | 1.5 |
| RE1-5003.123.12Z6125C6 | RE1-5003.123.12Z6125W6 | 0.500 | 3.125 | 3.125 | 0.125 | 0.500 | 6.0 | 1.5 |
| RE1-625.750.750Z6000C3 | RE1-625.750.750Z6000W3 | 0.625 | 0.750 | 0.750 | 0.000 | 0.625 | 3.0 | 1.5 |
| RE1-625.750.750Z6015C3 | RE1-625.750.750Z6015W3 | 0.625 | 0.750 | 0.750 | 0.015 | 0.625 | 3.0 | 1.5 |
| RE1-625.750.750Z6030C3 | RE1-625.750.750Z6030W3 | 0.625 | 0.750 | 0.750 | 0.030 | 0.625 | 3.0 | 1.5 |
| RE1-625.750.750Z6060C3 | RE1-625.750.750Z6060W3 | 0.625 | 0.750 | 0.750 | 0.060 | 0.625 | 3.0 | 1.5 |

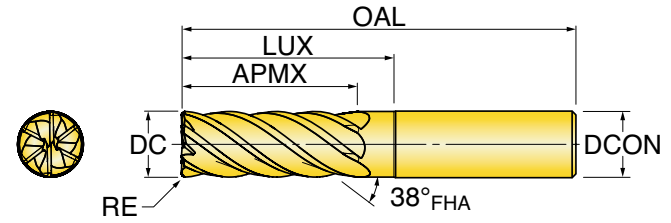
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.625.750.750Z6090C3 | RE1-.625.750.750Z6090W3 | 0.625 | 0.750 | 0.750 | 0.090 | 0.625 | 3.0 | 1.5 |
| RE1-.625.750.750Z6125C3 | RE1-.625.750.750Z6125W3 | 0.625 | 0.750 | 0.750 | 0.125 | 0.625 | 3.0 | 1.5 |
| RE1-.6251.002.00Z6000C4 | RE1-.6251.002.00Z6000W4 | 0.625 | 1.000 | 2.000 | 0.000 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z6015C4 | RE1-.6251.002.00Z6015W4 | 0.625 | 1.000 | 2.000 | 0.015 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z6030C4 | RE1-.6251.002.00Z6030W4 | 0.625 | 1.000 | 2.000 | 0.030 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z6060C4 | RE1-.6251.002.00Z6060W4 | 0.625 | 1.000 | 2.000 | 0.060 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z6090C4 | RE1-.6251.002.00Z6090W4 | 0.625 | 1.000 | 2.000 | 0.090 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z6125C4 | RE1-.6251.002.00Z6125W4 | 0.625 | 1.000 | 2.000 | 0.125 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.003.00Z6000C5 | RE1-.6251.003.00Z6000W5 | 0.625 | 1.000 | 3.000 | 0.000 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z6015C5 | RE1-.6251.003.00Z6015W5 | 0.625 | 1.000 | 3.000 | 0.015 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z6030C5 | RE1-.6251.003.00Z6030W5 | 0.625 | 1.000 | 3.000 | 0.030 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z6060C5 | RE1-.6251.003.00Z6060W5 | 0.625 | 1.000 | 3.000 | 0.060 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z6090C5 | RE1-.6251.003.00Z6090W5 | 0.625 | 1.000 | 3.000 | 0.090 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z6125C5 | RE1-.6251.003.00Z6125W5 | 0.625 | 1.000 | 3.000 | 0.125 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.004.00Z6000C6 | RE1-.6251.004.00Z6000W6 | 0.625 | 1.000 | 4.000 | 0.000 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z6015C6 | RE1-.6251.004.00Z6015W6 | 0.625 | 1.000 | 4.000 | 0.015 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z6030C6 | RE1-.6251.004.00Z6030W6 | 0.625 | 1.000 | 4.000 | 0.030 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z6060C6 | RE1-.6251.004.00Z6060W6 | 0.625 | 1.000 | 4.000 | 0.060 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z6090C6 | RE1-.6251.004.00Z6090W6 | 0.625 | 1.000 | 4.000 | 0.090 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z6125C6 | RE1-.6251.004.00Z6125W6 | 0.625 | 1.000 | 4.000 | 0.125 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.621.62Z6000C35 | RE1-.6251.621.62Z6000W35 | 0.625 | 1.625 | 1.625 | 0.000 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z6015C35 | RE1-.6251.621.62Z6015W35 | 0.625 | 1.625 | 1.625 | 0.015 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z6030C35 | RE1-.6251.621.62Z6030W35 | 0.625 | 1.625 | 1.625 | 0.030 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z6060C35 | RE1-.6251.621.62Z6060W35 | 0.625 | 1.625 | 1.625 | 0.060 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z6090C35 | RE1-.6251.621.62Z6090W35 | 0.625 | 1.625 | 1.625 | 0.090 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z6125C35 | RE1-.6251.621.62Z6125W35 | 0.625 | 1.625 | 1.625 | 0.125 | 0.625 | 3.5 | 1.5 |
| RE1-.6252.502.50Z6000C5 | RE1-.6252.502.50Z6000W5 | 0.625 | 2.500 | 2.500 | 0.000 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z6015C5 | RE1-.6252.502.50Z6015W5 | 0.625 | 2.500 | 2.500 | 0.015 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z6030C5 | RE1-.6252.502.50Z6030W5 | 0.625 | 2.500 | 2.500 | 0.030 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z6060C5 | RE1-.6252.502.50Z6060W5 | 0.625 | 2.500 | 2.500 | 0.060 | 0.625 | 5.0 | 1.5 |

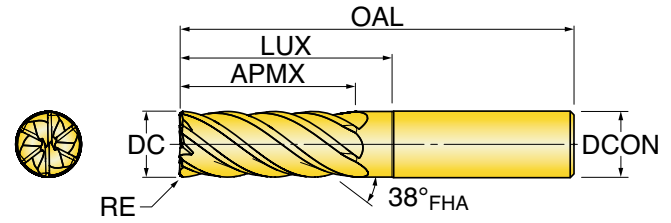
*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.6252.502.50Z6090C5 | RE1-.6252.502.50Z6090W5 | 0.625 | 2.500 | 2.500 | 0.090 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z6125C5 | RE1-.6252.502.50Z6125W5 | 0.625 | 2.500 | 2.500 | 0.125 | 0.625 | 5.0 | 1.5 |
| RE1-.6253.003.00Z6000C6 | RE1-.6253.003.00Z6000W6 | 0.625 | 3.000 | 3.000 | 0.000 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z6015C6 | RE1-.6253.003.00Z6015W6 | 0.625 | 3.000 | 3.000 | 0.015 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z6030C6 | RE1-.6253.003.00Z6030W6 | 0.625 | 3.000 | 3.000 | 0.030 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z6060C6 | RE1-.6253.003.00Z6060W6 | 0.625 | 3.000 | 3.000 | 0.060 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z6090C6 | RE1-.6253.003.00Z6090W6 | 0.625 | 3.000 | 3.000 | 0.090 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z6125C6 | RE1-.6253.003.00Z6125W6 | 0.625 | 3.000 | 3.000 | 0.125 | 0.625 | 6.0 | 1.5 |
| RE1-.7501.001.00Z6000C3 | RE1-.7501.001.00Z6000W3 | 0.750 | 1.000 | 1.000 | 0.000 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z6015C3 | RE1-.7501.001.00Z6015W3 | 0.750 | 1.000 | 1.000 | 0.015 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z6030C3 | RE1-.7501.001.00Z6030W3 | 0.750 | 1.000 | 1.000 | 0.030 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z6060C3 | RE1-.7501.001.00Z6060W3 | 0.750 | 1.000 | 1.000 | 0.060 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z6090C3 | RE1-.7501.001.00Z6090W3 | 0.750 | 1.000 | 1.000 | 0.090 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z6125C3 | RE1-.7501.001.00Z6125W3 | 0.750 | 1.000 | 1.000 | 0.125 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.252.00Z6000C4 | RE1-.7501.252.00Z6000W4 | 0.750 | 1.250 | 2.000 | 0.000 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z6015C4 | RE1-.7501.252.00Z6015W4 | 0.750 | 1.250 | 2.000 | 0.015 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z6030C4 | RE1-.7501.252.00Z6030W4 | 0.750 | 1.250 | 2.000 | 0.030 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z6060C4 | RE1-.7501.252.00Z6060W4 | 0.750 | 1.250 | 2.000 | 0.060 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z6090C4 | RE1-.7501.252.00Z6090W4 | 0.750 | 1.250 | 2.000 | 0.090 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z6125C4 | RE1-.7501.252.00Z6125W4 | 0.750 | 1.250 | 2.000 | 0.125 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.253.00Z6000C5 | RE1-.7501.253.00Z6000W5 | 0.750 | 1.250 | 3.000 | 0.000 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z6015C5 | RE1-.7501.253.00Z6015W5 | 0.750 | 1.250 | 3.000 | 0.015 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z6030C5 | RE1-.7501.253.00Z6030W5 | 0.750 | 1.250 | 3.000 | 0.030 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z6060C5 | RE1-.7501.253.00Z6060W5 | 0.750 | 1.250 | 3.000 | 0.060 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z6090C5 | RE1-.7501.253.00Z6090W5 | 0.750 | 1.250 | 3.000 | 0.090 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.00Z6125C5 | RE1-.7501.253.00Z6125W5 | 0.750 | 1.250 | 3.000 | 0.125 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.254.00Z6000C6 | RE1-.7501.254.00Z6000W6 | 0.750 | 1.250 | 4.000 | 0.000 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.00Z6015C6 | RE1-.7501.254.00Z6015W6 | 0.750 | 1.250 | 4.000 | 0.015 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.00Z6030C6 | RE1-.7501.254.00Z6030W6 | 0.750 | 1.250 | 4.000 | 0.030 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.00Z6060C6 | RE1-.7501.254.00Z6060W6 | 0.750 | 1.250 | 4.000 | 0.060 | 0.750 | 6.0 | 1.5 |

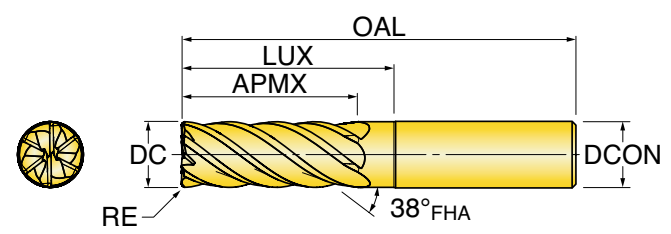
*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.7501.254.00Z6090C6 | RE1-.7501.254.00Z6090W6 | 0.750 | 1.250 | 4.000 | 0.090 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.00Z6125C6 | RE1-.7501.254.00Z6125W6 | 0.750 | 1.250 | 4.000 | 0.125 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.621.62Z6000C4 | RE1-.7501.621.62Z6000W4 | 0.750 | 1.625 | 1.625 | 0.000 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z6015C4 | RE1-.7501.621.62Z6015W4 | 0.750 | 1.625 | 1.625 | 0.015 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z6030C4 | RE1-.7501.621.62Z6030W4 | 0.750 | 1.625 | 1.625 | 0.030 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z6060C4 | RE1-.7501.621.62Z6060W4 | 0.750 | 1.625 | 1.625 | 0.060 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z6090C4 | RE1-.7501.621.62Z6090W4 | 0.750 | 1.625 | 1.625 | 0.090 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.62Z6125C4 | RE1-.7501.621.62Z6125W4 | 0.750 | 1.625 | 1.625 | 0.125 | 0.750 | 4.0 | 1.5 |
| RE1-.7502.252.25Z6000C5 | RE1-.7502.252.25Z6000W5 | 0.750 | 2.250 | 2.250 | 0.000 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z6015C5 | RE1-.7502.252.25Z6015W5 | 0.750 | 2.250 | 2.250 | 0.015 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z6030C5 | RE1-.7502.252.25Z6030W5 | 0.750 | 2.250 | 2.250 | 0.030 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z6060C5 | RE1-.7502.252.25Z6060W5 | 0.750 | 2.250 | 2.250 | 0.060 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z6090C5 | RE1-.7502.252.25Z6090W5 | 0.750 | 2.250 | 2.250 | 0.090 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.25Z6125C5 | RE1-.7502.252.25Z6125W5 | 0.750 | 2.250 | 2.250 | 0.125 | 0.750 | 5.0 | 1.5 |
| RE1-.7503.253.25Z6000C6 | RE1-.7503.253.25Z6000W6 | 0.750 | 3.250 | 3.250 | 0.000 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z6015C6 | RE1-.7503.253.25Z6015W6 | 0.750 | 3.250 | 3.250 | 0.015 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z6030C6 | RE1-.7503.253.25Z6030W6 | 0.750 | 3.250 | 3.250 | 0.030 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z6060C6 | RE1-.7503.253.25Z6060W6 | 0.750 | 3.250 | 3.250 | 0.060 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z6090C6 | RE1-.7503.253.25Z6090W6 | 0.750 | 3.250 | 3.250 | 0.090 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.25Z6125C6 | RE1-.7503.253.25Z6125W6 | 0.750 | 3.250 | 3.250 | 0.125 | 0.750 | 6.0 | 1.5 |
| RE1-.7504.124.12Z6000C7 | RE1-.7504.124.12Z6000W7 | 0.750 | 4.125 | 4.125 | 0.000 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z6015C7 | RE1-.7504.124.12Z6015W7 | 0.750 | 4.125 | 4.125 | 0.015 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z6030C7 | RE1-.7504.124.12Z6030W7 | 0.750 | 4.125 | 4.125 | 0.030 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z6060C7 | RE1-.7504.124.12Z6060W7 | 0.750 | 4.125 | 4.125 | 0.060 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z6090C7 | RE1-.7504.124.12Z6090W7 | 0.750 | 4.125 | 4.125 | 0.090 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.124.12Z6125C7 | RE1-.7504.124.12Z6125W7 | 0.750 | 4.125 | 4.125 | 0.125 | 0.750 | 7.0 | 1.5 |
| RE1-1.001.501.50Z6000C4 | RE1-1.001.501.50Z6000W4 | 1.000 | 1.500 | 1.500 | 0.000 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.501.50Z6015C4 | RE1-1.001.501.50Z6015W4 | 1.000 | 1.500 | 1.500 | 0.015 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.501.50Z6030C4 | RE1-1.001.501.50Z6030W4 | 1.000 | 1.500 | 1.500 | 0.030 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.501.50Z6060C4 | RE1-1.001.501.50Z6060W4 | 1.000 | 1.500 | 1.500 | 0.060 | 1.000 | 4.0 | 1.5 |

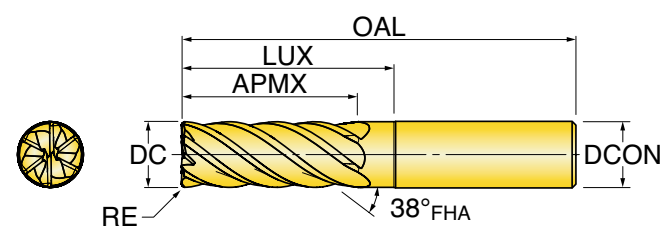
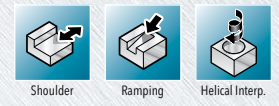
*Non-stock item. Built on request.

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RHINO ROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-1.001.501.50Z6090C4 | RE1-1.001.501.50Z6090W4 | 1.000 | 1.500 | 1.500 | 0.090 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.501.50Z6125C4 | RE1-1.001.501.50Z6125W4 | 1.000 | 1.500 | 1.500 | 0.125 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.503.00Z6000C5 | RE1-1.001.503.00Z6000W5 | 1.000 | 1.500 | 3.000 | 0.000 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z6015C5 | RE1-1.001.503.00Z6015W5 | 1.000 | 1.500 | 3.000 | 0.015 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z6030C5 | RE1-1.001.503.00Z6030W5 | 1.000 | 1.500 | 3.000 | 0.030 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z6060C5 | RE1-1.001.503.00Z6060W5 | 1.000 | 1.500 | 3.000 | 0.060 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z6090C5 | RE1-1.001.503.00Z6090W5 | 1.000 | 1.500 | 3.000 | 0.090 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.00Z6125C5 | RE1-1.001.503.00Z6125W5 | 1.000 | 1.500 | 3.000 | 0.125 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.504.00Z6000C6 | RE1-1.001.504.00Z6000W6 | 1.000 | 1.500 | 4.000 | 0.000 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z6015C6 | RE1-1.001.504.00Z6015W6 | 1.000 | 1.500 | 4.000 | 0.015 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z6030C6 | RE1-1.001.504.00Z6030W6 | 1.000 | 1.500 | 4.000 | 0.030 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z6060C6 | RE1-1.001.504.00Z6060W6 | 1.000 | 1.500 | 4.000 | 0.060 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z6090C6 | RE1-1.001.504.00Z6090W6 | 1.000 | 1.500 | 4.000 | 0.090 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.00Z6125C6 | RE1-1.001.504.00Z6125W6 | 1.000 | 1.500 | 4.000 | 0.125 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.505.00Z6000C7 | RE1-1.001.505.00Z6000W7 | 1.000 | 1.500 | 5.000 | 0.000 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z6015C7 | RE1-1.001.505.00Z6015W7 | 1.000 | 1.500 | 5.000 | 0.015 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z6030C7 | RE1-1.001.505.00Z6030W7 | 1.000 | 1.500 | 5.000 | 0.030 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z6060C7 | RE1-1.001.505.00Z6060W7 | 1.000 | 1.500 | 5.000 | 0.060 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z6090C7 | RE1-1.001.505.00Z6090W7 | 1.000 | 1.500 | 5.000 | 0.090 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.00Z6125C7 | RE1-1.001.505.00Z6125W7 | 1.000 | 1.500 | 5.000 | 0.125 | 1.000 | 7.0 | 1.5 |
| RE1-1.002.002.00Z6000C45 | RE1-1.002.002.00Z6000W45 | 1.000 | 2.000 | 2.000 | 0.000 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z6015C45 | RE1-1.002.002.00Z6015W45 | 1.000 | 2.000 | 2.000 | 0.015 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z6030C45 | RE1-1.002.002.00Z6030W45 | 1.000 | 2.000 | 2.000 | 0.030 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z6060C45 | RE1-1.002.002.00Z6060W45 | 1.000 | 2.000 | 2.000 | 0.060 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z6090C45 | RE1-1.002.002.00Z6090W45 | 1.000 | 2.000 | 2.000 | 0.090 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.00Z6125C45 | RE1-1.002.002.00Z6125W45 | 1.000 | 2.000 | 2.000 | 0.125 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.252.25Z6000C5 | RE1-1.002.252.25Z6000W5 | 1.000 | 2.250 | 2.250 | 0.000 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.25Z6015C5 | RE1-1.002.252.25Z6015W5 | 1.000 | 2.250 | 2.250 | 0.015 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.25Z6030C5 | RE1-1.002.252.25Z6030W5 | 1.000 | 2.250 | 2.250 | 0.030 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.25Z6060C5 | RE1-1.002.252.25Z6060W5 | 1.000 | 2.250 | 2.250 | 0.060 | 1.000 | 5.0 | 1.5 |

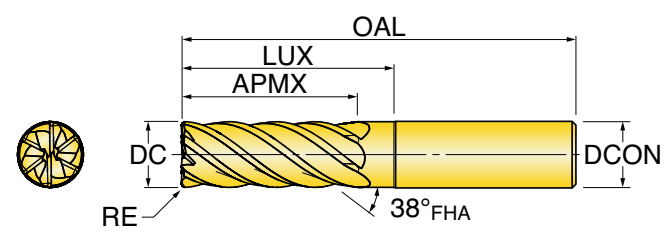
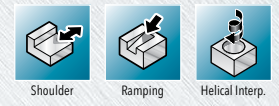
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



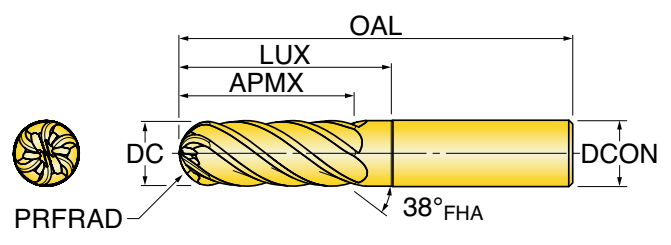
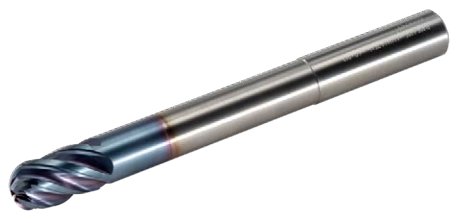
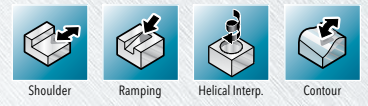
| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-1.002.252.25Z6090C5 | RE1-1.002.252.25Z6090W5 | 1.000 | 2.250 | 2.250 | 0.090 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.25Z6125C5 | RE1-1.002.252.25Z6125W5 | 1.000 | 2.250 | 2.250 | 0.125 | 1.000 | 5.0 | 1.5 |
| RE1-1.003.253.25Z6000C6 | RE1-1.003.253.25Z6000W6 | 1.000 | 3.250 | 3.250 | 0.000 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z6015C6 | RE1-1.003.253.25Z6015W6 | 1.000 | 3.250 | 3.250 | 0.015 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z6030C6 | RE1-1.003.253.25Z6030W6 | 1.000 | 3.250 | 3.250 | 0.030 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z6060C6 | RE1-1.003.253.25Z6060W6 | 1.000 | 3.250 | 3.250 | 0.060 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z6090C6 | RE1-1.003.253.25Z6090W6 | 1.000 | 3.250 | 3.250 | 0.090 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.25Z6125C6 | RE1-1.003.253.25Z6125W6 | 1.000 | 3.250 | 3.250 | 0.125 | 1.000 | 6.0 | 1.5 |
| RE1-1.004.124.12Z6000C7 | RE1-1.004.124.12Z6000W7 | 1.000 | 4.125 | 4.125 | 0.000 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z6015C7 | RE1-1.004.124.12Z6015W7 | 1.000 | 4.125 | 4.125 | 0.015 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z6030C7 | RE1-1.004.124.12Z6030W7 | 1.000 | 4.125 | 4.125 | 0.030 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z6060C7 | RE1-1.004.124.12Z6060W7 | 1.000 | 4.125 | 4.125 | 0.060 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z6090C7 | RE1-1.004.124.12Z6090W7 | 1.000 | 4.125 | 4.125 | 0.090 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.12Z6125C7 | RE1-1.004.124.12Z6125W7 | 1.000 | 4.125 | 4.125 | 0.125 | 1.000 | 7.0 | 1.5 |

*Non-stock item. Built on request.



RHINOROUNDS™ SERIES REB_6 (6-FLUTE, BALLNOSE)

6 FLUTE BALLNOSE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | PRFRAD Profile Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|-----------------------------|---------------------------|--------------------------|----------------------------|
| REB-.250.500.500Z6125C2 | REB-.250.500.500Z6125W2 | 0.250 | 0.500 | 0.500 | 0.125 | 0.250 | 2.0 | 1.5 |
| REB-.250.5002.12Z6125C4 | REB-.250.5002.12Z6125W4 | 0.250 | 0.500 | 2.125 | 0.125 | 0.250 | 4.0 | 1.5 |
| REB-.250.750.750Z6125C25 | REB-.250.750.750Z6125W25 | 0.250 | 0.750 | 0.750 | 0.125 | 0.250 | 2.5 | 1.5 |
| REB-.2501.001.00Z6125C3 | REB-.2501.001.00Z6125W3 | 0.250 | 1.000 | 1.000 | 0.125 | 0.250 | 3.0 | 1.5 |
| REB-.312.500.500Z6156C2 | REB-.312.500.500Z6156W2 | 0.312 | 0.500 | 0.500 | 0.156 | 0.312 | 2.0 | 1.5 |
| REB-.312.875.875Z6156C25 | REB-.312.875.875Z6156W25 | 0.312 | 0.875 | 0.875 | 0.156 | 0.312 | 2.5 | 1.5 |
| REB-.3121.001.00Z6156C3 | REB-.3121.001.00Z6156W3 | 0.312 | 1.000 | 1.000 | 0.156 | 0.312 | 3.0 | 1.5 |
| REB-.3121.501.50Z6156C4 | REB-.3121.501.50Z6156W4 | 0.312 | 1.500 | 1.500 | 0.156 | 0.312 | 4.0 | 1.5 |
| REB-.375.500.500Z6187C2 | REB-.375.500.500Z6187W2 | 0.375 | 0.500 | 0.500 | 0.188 | 0.375 | 2.0 | 1.5 |
| REB-.375.7502.12Z6187C4 | REB-.375.7502.12Z6187W4 | 0.375 | 0.750 | 2.125 | 0.188 | 0.375 | 4.0 | 1.5 |
| REB-.3751.001.00Z6187C25 | REB-.3751.001.00Z6187W25 | 0.375 | 1.000 | 1.000 | 0.188 | 0.375 | 2.5 | 1.5 |
| REB-.3751.001.00Z6187C3 | REB-.3751.001.00Z6187W3 | 0.375 | 1.000 | 1.000 | 0.188 | 0.375 | 3.0 | 1.5 |
| REB-.3751.501.50Z6187C4 | REB-.3751.501.50Z6187W4 | 0.375 | 1.500 | 1.500 | 0.188 | 0.375 | 4.0 | 1.5 |
| REB-.500.625.625Z6250C25 | REB-.500.625.625Z6250W25 | 0.500 | 0.625 | 0.625 | 0.250 | 0.500 | 2.5 | 1.5 |
| REB-.500.8751.37Z6250C3 | REB-.500.8751.37Z6250W3 | 0.500 | 0.875 | 1.375 | 0.250 | 0.500 | 3.0 | 1.5 |
| REB-.500.8752.12Z6250C4 | REB-.500.8752.12Z6250W4 | 0.500 | 0.875 | 2.125 | 0.250 | 0.500 | 4.0 | 1.5 |
| REB-.500.8753.12Z6250C5 | REB-.500.8753.12Z6250W5 | 0.500 | 0.875 | 3.125 | 0.250 | 0.500 | 5.0 | 1.5 |
| REB-.500.8754.12Z6250C6 | REB-.500.8754.12Z6250W6 | 0.500 | 0.875 | 4.125 | 0.250 | 0.500 | 6.0 | 1.5 |
| REB-.5001.251.25Z6250C3 | REB-.5001.251.25Z6250W3 | 0.500 | 1.250 | 1.250 | 0.250 | 0.500 | 3.0 | 1.5 |
| REB-.5001.621.62Z6250C4 | REB-.5001.621.62Z6250W4 | 0.500 | 1.625 | 1.625 | 0.250 | 0.500 | 4.0 | 1.5 |
| REB-.5002.002.00Z6250C4 | REB-.5002.002.00Z6250W4 | 0.500 | 2.000 | 2.000 | 0.250 | 0.500 | 4.0 | 1.5 |
| REB-.5002.502.50Z6250C5 | REB-.5002.502.50Z6250W5 | 0.500 | 2.500 | 2.500 | 0.250 | 0.500 | 5.0 | 1.5 |
| REB-.5003.123.12Z6250C6 | REB-.5003.123.12Z6250W6 | 0.500 | 3.125 | 3.125 | 0.250 | 0.500 | 6.0 | 1.5 |
| REB-.625.750.750Z6312C3 | REB-.625.750.750Z6312W3 | 0.625 | 0.750 | 0.750 | 0.313 | 0.625 | 3.0 | 1.5 |
| REB-.6251.002.00Z6312C4 | REB-.6251.002.00Z6312W4 | 0.625 | 1.000 | 2.000 | 0.313 | 0.625 | 4.0 | 1.5 |
| REB-.6251.003.00Z6312C5 | REB-.6251.003.00Z6312W5 | 0.625 | 1.000 | 3.000 | 0.313 | 0.625 | 5.0 | 1.5 |
| REB-.6251.004.00Z6312C6 | REB-.6251.004.00Z6312W6 | 0.625 | 1.000 | 4.000 | 0.313 | 0.625 | 6.0 | 1.5 |
| REB-.6251.621.62Z6312C35 | REB-.6251.621.62Z6312W35 | 0.625 | 1.625 | 1.625 | 0.313 | 0.625 | 3.5 | 1.5 |
| REB-.6252.502.50Z6312C5 | REB-.6252.502.50Z6312W5 | 0.625 | 2.500 | 2.500 | 0.313 | 0.625 | 5.0 | 1.5 |
| REB-.6253.003.00Z6312C6 | REB-.6253.003.00Z6312W6 | 0.625 | 3.000 | 3.000 | 0.313 | 0.625 | 6.0 | 1.5 |

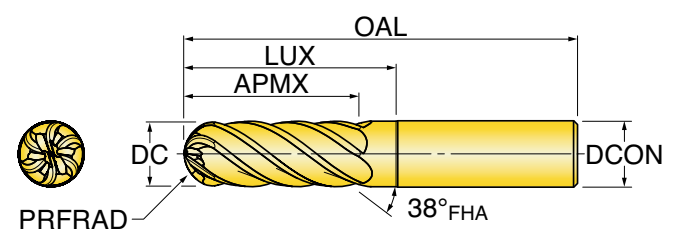
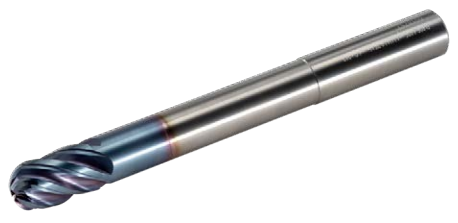
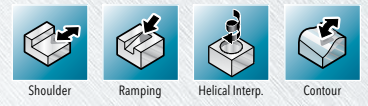
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES REB_6 (6-FLUTE, BALLNOSE)

6 FLUTE BALLNOSE ENDMILLS, 38° HELIX, VARIABLE PITCH



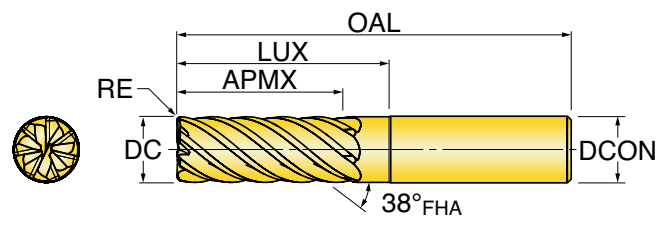
| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | PRFRAD Profile Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|-----------------------------|---------------------------|--------------------------|----------------------------|
| REB-.7501.001.00Z6375C3 | REB-.7501.001.00Z6375W3 | 0.750 | 1.000 | 1.000 | 0.375 | 0.750 | 3.0 | 1.5 |
| REB-.7501.252.00Z6375C4 | REB-.7501.252.00Z6375W4 | 0.750 | 1.250 | 2.000 | 0.375 | 0.750 | 4.0 | 1.5 |
| REB-.7501.253.00Z6375C5 | REB-.7501.253.00Z6375W5 | 0.750 | 1.250 | 3.000 | 0.375 | 0.750 | 5.0 | 1.5 |
| REB-.7501.254.00Z6375C6 | REB-.7501.254.00Z6375W6 | 0.750 | 1.250 | 4.000 | 0.375 | 0.750 | 6.0 | 1.5 |
| REB-.7501.621.62Z6375C4 | REB-.7501.621.62Z6375W4 | 0.750 | 1.625 | 1.625 | 0.375 | 0.750 | 4.0 | 1.5 |
| REB-.7502.252.25Z6375C5 | REB-.7502.252.25Z6375W5 | 0.750 | 2.250 | 2.250 | 0.375 | 0.750 | 5.0 | 1.5 |
| REB-.7503.253.25Z6375C6 | REB-.7503.253.25Z6375W6 | 0.750 | 3.250 | 3.250 | 0.375 | 0.750 | 6.0 | 1.5 |
| REB-.7504.124.12Z6375C7 | REB-.7504.124.12Z6375W7 | 0.750 | 4.125 | 4.125 | 0.375 | 0.750 | 7.0 | 1.5 |
| REB-1.001.501.50Z6500C4 | REB-1.001.501.50Z6500W4 | 1.000 | 1.500 | 1.500 | 0.500 | 1.000 | 4.0 | 1.5 |
| REB-1.001.503.00Z6500C5 | REB-1.001.503.00Z6500W5 | 1.000 | 1.500 | 3.000 | 0.500 | 1.000 | 5.0 | 1.5 |
| REB-1.001.504.00Z6500C6 | REB-1.001.504.00Z6500W6 | 1.000 | 1.500 | 4.000 | 0.500 | 1.000 | 6.0 | 1.5 |
| REB-1.001.505.00Z6500C7 | REB-1.001.505.00Z6500W7 | 1.000 | 1.500 | 5.000 | 0.500 | 1.000 | 7.0 | 1.5 |
| REB-1.002.002.00Z6500C45 | REB-1.002.002.00Z6500W45 | 1.000 | 2.000 | 2.000 | 0.500 | 1.000 | 4.5 | 1.5 |
| REB-1.002.252.25Z6500C5 | REB-1.002.252.25Z6500W5 | 1.000 | 2.250 | 2.250 | 0.500 | 1.000 | 5.0 | 1.5 |
| REB-1.003.253.25Z6500C6 | REB-1.003.253.25Z6500W6 | 1.000 | 3.250 | 3.250 | 0.500 | 1.000 | 6.0 | 1.5 |
| REB-1.004.124.12Z6500C7 | REB-1.004.124.12Z6500W7 | 1.000 | 4.125 | 4.125 | 0.500 | 1.000 | 7.0 | 1.5 |

*Non-stock item. Built on request.



RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.250.500.500Z7000C2 | RE1-.250.500.500Z7000W2 | 0.250 | 0.500 | 0.500 | 0.000 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z7015C2 | RE1-.250.500.500Z7015W2 | 0.250 | 0.500 | 0.500 | 0.015 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z7030C2 | RE1-.250.500.500Z7030W2 | 0.250 | 0.500 | 0.500 | 0.030 | 0.250 | 2.0 | 1.5 |
| RE1-.250.500.500Z7060C2 | RE1-.250.500.500Z7060W2 | 0.250 | 0.500 | 0.500 | 0.060 | 0.250 | 2.0 | 1.5 |
| RE1-.250.5001.25Z7000C3 | RE1-.250.5001.12Z7000W3 | 0.250 | 0.500 | 1.250 | 0.000 | 0.250 | 3.0 | 1.5 |
| RE1-.250.5001.25Z7015C3 | RE1-.250.5001.12Z7015W3 | 0.250 | 0.500 | 1.250 | 0.015 | 0.250 | 3.0 | 1.5 |
| RE1-.250.5001.25Z7030C3 | RE1-.250.5001.25Z7030W3 | 0.250 | 0.500 | 1.250 | 0.030 | 0.250 | 3.0 | 1.5 |
| RE1-.250.5001.25Z7060C3 | RE1-.250.5001.12Z7060W3 | 0.250 | 0.500 | 1.250 | 0.060 | 0.250 | 3.0 | 1.5 |
| RE1-.250.5002.12Z7000C4 | RE1-.250.5002.12Z7000W4 | 0.250 | 0.500 | 2.125 | 0.000 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z7015C4 | RE1-.250.5002.12Z7015W4 | 0.250 | 0.500 | 2.125 | 0.015 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z7030C4 | RE1-.250.5002.12Z7030W4 | 0.250 | 0.500 | 2.125 | 0.030 | 0.250 | 4.0 | 1.5 |
| RE1-.250.5002.12Z7060C4 | RE1-.250.5002.12Z7060W4 | 0.250 | 0.500 | 2.125 | 0.060 | 0.250 | 4.0 | 1.5 |
| RE1-.250.750.750Z7000C25 | RE1-.250.750.750Z7000W25 | 0.250 | 0.750 | 0.750 | 0.000 | 0.250 | 2.5 | 1.5 |
| RE1-.250.750.750Z7015C25 | RE1-.250.750.750Z7015W25 | 0.250 | 0.750 | 0.750 | 0.015 | 0.250 | 2.5 | 1.5 |
| RE1-.250.750.750Z7030C25 | RE1-.250.750.750Z7030W25 | 0.250 | 0.750 | 0.750 | 0.030 | 0.250 | 2.5 | 1.5 |
| RE1-.250.750.750Z7060C25 | RE1-.250.750.750Z7060W25 | 0.250 | 0.750 | 0.750 | 0.060 | 0.250 | 2.5 | 1.5 |
| RE1-.2501.001.00Z7000C3 | RE1-.2501.001.00Z7000W3 | 0.250 | 1.000 | 1.000 | 0.000 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00Z7015C3 | RE1-.2501.001.00Z7015W3 | 0.250 | 1.000 | 1.000 | 0.015 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00Z7030C3 | RE1-.2501.001.00Z7030W3 | 0.250 | 1.000 | 1.000 | 0.030 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.001.00Z7060C3 | RE1-.2501.001.00Z7060W3 | 0.250 | 1.000 | 1.000 | 0.060 | 0.250 | 3.0 | 1.5 |
| RE1-.2501.251.25Z7000C4 | RE1-.2501.251.25Z7000W4 | 0.250 | 1.250 | 1.250 | 0.000 | 0.250 | 4.0 | 1.5 |
| RE1-.2501.251.25Z7015C4 | RE1-.2501.251.25Z7015W4 | 0.250 | 1.250 | 1.250 | 0.015 | 0.250 | 4.0 | 1.5 |
| RE1-.2501.251.25Z7030C4 | RE1-.2501.251.25Z7030W4 | 0.250 | 1.250 | 1.250 | 0.030 | 0.250 | 4.0 | 1.5 |
| RE1-.2501.251.25Z7060C4 | RE1-.2501.251.25Z7060W4 | 0.250 | 1.250 | 1.250 | 0.060 | 0.250 | 4.0 | 1.5 |
| RE1-.312.500.500Z7000C2 | RE1-.312.500.500Z7000W2 | 0.312 | 0.500 | 0.500 | 0.000 | 0.312 | 2.0 | 1.5 |
| RE1-.312.500.500Z7015C2 | RE1-.312.500.500Z7015W2 | 0.312 | 0.500 | 0.500 | 0.015 | 0.312 | 2.0 | 1.5 |
| RE1-.312.500.500Z7030C2 | RE1-.312.500.500Z7030W2 | 0.312 | 0.500 | 0.500 | 0.030 | 0.312 | 2.0 | 1.5 |
| RE1-.312.500.500Z7060C2 | RE1-.312.500.500Z7060W2 | 0.312 | 0.500 | 0.500 | 0.060 | 0.312 | 2.0 | 1.5 |
| RE1-.312.875.875Z7000C25 | RE1-.312.875.875Z7000W25 | 0.312 | 0.875 | 0.875 | 0.000 | 0.312 | 2.5 | 1.5 |
| RE1-.312.875.875Z7015C25 | RE1-.312.875.875Z7015W25 | 0.312 | 0.875 | 0.875 | 0.015 | 0.312 | 2.5 | 1.5 |

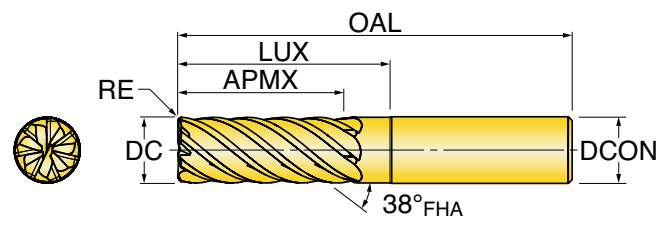
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.312.875.875Z7030C25 | RE1-.312.875.875Z7030W25 | 0.312 | 0.875 | 0.875 | 0.030 | 0.312 | 2.5 | 1.5 |
| RE1-.312.875.875Z7060C25 | RE1-.312.875.875Z7060W25 | 0.312 | 0.875 | 0.875 | 0.060 | 0.312 | 2.5 | 1.5 |
| RE1-.3121.001.00Z7000C3 | RE1-.3121.001.00Z7000W3 | 0.312 | 1.000 | 1.000 | 0.000 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.001.00Z7015C3 | RE1-.3121.001.00Z7015W3 | 0.312 | 1.000 | 1.000 | 0.015 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.001.00Z7030C3 | RE1-.3121.001.00Z7030W3 | 0.312 | 1.000 | 1.000 | 0.030 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.001.00Z7060C3 | RE1-.3121.001.00Z7060W3 | 0.312 | 1.000 | 1.000 | 0.060 | 0.312 | 3.0 | 1.5 |
| RE1-.3121.251.25Z7000C4 | RE1-.3121.251.25Z7000W4 | 0.312 | 1.250 | 1.250 | 0.000 | 0.312 | 4.0 | 1.5 |
| RE1-.3121.251.25Z7015C4 | RE1-.3121.251.25Z7015W4 | 0.312 | 1.250 | 1.250 | 0.015 | 0.312 | 4.0 | 1.5 |
| RE1-.3121.251.25Z7030C4 | RE1-.3121.251.25Z7030W4 | 0.312 | 1.250 | 1.250 | 0.030 | 0.312 | 4.0 | 1.5 |
| RE1-.3121.251.25Z7060C4 | RE1-.3121.251.25Z7060W4 | 0.312 | 1.250 | 1.250 | 0.060 | 0.312 | 4.0 | 1.5 |
| RE1-.375.500.500Z7000C2 | RE1-.375.500.500Z7000W2 | 0.375 | 0.500 | 0.500 | 0.000 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z7015C2 | RE1-.375.500.500Z7015W2 | 0.375 | 0.500 | 0.500 | 0.015 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z7030C2 | RE1-.375.500.500Z7030W2 | 0.375 | 0.500 | 0.500 | 0.030 | 0.375 | 2.0 | 1.5 |
| RE1-.375.500.500Z7060C2 | RE1-.375.500.500Z7060W2 | 0.375 | 0.500 | 0.500 | 0.060 | 0.375 | 2.0 | 1.5 |
| RE1-.375.7501.25Z7000C3 | RE1-.375.7501.25Z7000W3 | 0.375 | 0.750 | 1.250 | 0.000 | 0.375 | 3.0 | 1.5 |
| RE1-.375.7501.25Z7015C3 | RE1-.375.7501.25Z7015W3 | 0.375 | 0.750 | 1.250 | 0.015 | 0.375 | 3.0 | 1.5 |
| RE1-.375.7501.25Z7030C3 | RE1-.375.7501.12Z7030W3 | 0.375 | 0.750 | 1.250 | 0.030 | 0.375 | 3.0 | 1.5 |
| RE1-.375.7501.25Z7060C3 | RE1-.375.7501.12Z7060W3 | 0.375 | 0.750 | 1.250 | 0.060 | 0.375 | 3.0 | 1.5 |
| RE1-.375.7502.12Z7000C4 | RE1-.375.7502.12Z7000W4 | 0.375 | 0.750 | 2.125 | 0.000 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z7015C4 | RE1-.375.7502.12Z7015W4 | 0.375 | 0.750 | 2.125 | 0.015 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z7030C4 | RE1-.375.7502.12Z7030W4 | 0.375 | 0.750 | 2.125 | 0.030 | 0.375 | 4.0 | 1.5 |
| RE1-.375.7502.12Z7060C4 | RE1-.375.7502.12Z7060W4 | 0.375 | 0.750 | 2.125 | 0.060 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.001.00Z7000C25 | RE1-.3751.001.00Z7000W25 | 0.375 | 1.000 | 1.000 | 0.000 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z7000C3 | RE1-.3751.001.00Z7000W3 | 0.375 | 1.000 | 1.000 | 0.000 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z7015C25 | RE1-.3751.001.00Z7015W25 | 0.375 | 1.000 | 1.000 | 0.015 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z7015C3 | RE1-.3751.001.00Z7015W3 | 0.375 | 1.000 | 1.000 | 0.015 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z7030C25 | RE1-.3751.001.00Z7030W25 | 0.375 | 1.000 | 1.000 | 0.030 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z7030C3 | RE1-.3751.001.00Z7030W3 | 0.375 | 1.000 | 1.000 | 0.030 | 0.375 | 3.0 | 1.5 |
| RE1-.3751.001.00Z7060C25 | RE1-.3751.001.00Z7060W25 | 0.375 | 1.000 | 1.000 | 0.060 | 0.375 | 2.5 | 1.5 |
| RE1-.3751.001.00Z7060C3 | RE1-.3751.001.00Z7125W3 | 0.375 | 1.000 | 1.000 | 0.060 | 0.375 | 3.0 | 1.5 |

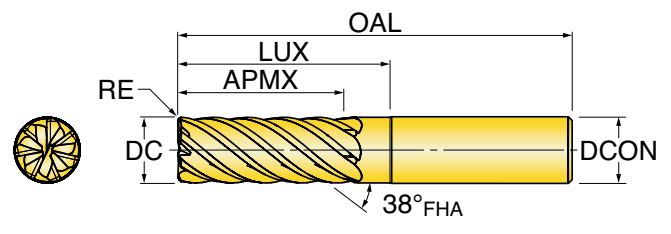
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.3751.501.50Z7000C4 | RE1-.3751.501.50Z7000W4 | 0.375 | 1.500 | 1.500 | 0.000 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z7015C4 | RE1-.3751.501.50Z7015W4 | 0.375 | 1.500 | 1.500 | 0.015 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z7030C4 | RE1-.3751.501.50Z7030W4 | 0.375 | 1.500 | 1.500 | 0.030 | 0.375 | 4.0 | 1.5 |
| RE1-.3751.501.50Z7060C4 | RE1-.3751.501.50Z7060W4 | 0.375 | 1.500 | 1.500 | 0.060 | 0.375 | 4.0 | 1.5 |
| RE1-.4371.001.00Z7000C27 | RE1-.4371.001.00Z7000W27 | 0.437 | 1.000 | 1.000 | 0.000 | 0.437 | 2.8 | 1.5 |
| RE1-.4371.001.00Z7015C27 | RE1-.4371.001.00Z7015W27 | 0.437 | 1.000 | 1.000 | 0.015 | 0.437 | 2.8 | 1.5 |
| RE1-.4371.001.00Z7030C27 | RE1-.4371.001.00Z7030W27 | 0.437 | 1.000 | 1.000 | 0.030 | 0.437 | 2.8 | 1.5 |
| RE1-.4371.001.00Z7060C27 | RE1-.4371.001.00Z7060W27 | 0.437 | 1.000 | 1.000 | 0.060 | 0.437 | 2.8 | 1.5 |
| RE1-.4372.002.00Z7000C4 | RE1-.4372.002.00Z7000W4 | 0.437 | 2.000 | 2.000 | 0.000 | 0.437 | 4.0 | 1.5 |
| RE1-.4372.002.00Z7015C4 | RE1-.4372.002.00Z7015W4 | 0.437 | 2.000 | 2.000 | 0.015 | 0.437 | 4.0 | 1.5 |
| RE1-.4372.002.00Z7030C4 | RE1-.4372.002.00Z7030W4 | 0.437 | 2.000 | 2.000 | 0.030 | 0.437 | 4.0 | 1.5 |
| RE1-.4372.002.00Z7060C4 | RE1-.4372.002.00Z7060W4 | 0.437 | 2.000 | 2.000 | 0.060 | 0.437 | 4.0 | 1.5 |
| RE1-.500.625.625Z7000C25 | RE1-.500.625.625Z7000W25 | 0.500 | 0.625 | 0.625 | 0.000 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z7015C25 | RE1-.500.625.625Z7015W25 | 0.500 | 0.625 | 0.625 | 0.015 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z7030C25 | RE1-.500.625.625Z7030W25 | 0.500 | 0.625 | 0.625 | 0.030 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z7060C25 | RE1-.500.625.625Z7060W25 | 0.500 | 0.625 | 0.625 | 0.060 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z7090C25 | RE1-.500.625.625Z7090W25 | 0.500 | 0.625 | 0.625 | 0.090 | 0.500 | 2.5 | 1.5 |
| RE1-.500.625.625Z7125C25 | RE1-.500.625.625Z7125W25 | 0.500 | 0.625 | 0.625 | 0.125 | 0.500 | 2.5 | 1.5 |
| RE1-.500.8751.37Z7000C3 | RE1-.500.8751.37Z7000W3 | 0.500 | 0.875 | 1.375 | 0.000 | 0.500 | 3.0 | 1.5 |
| RE1-.500.8751.37Z7015C3 | RE1-.500.8751.37Z7015W3 | 0.500 | 0.875 | 1.375 | 0.015 | 0.500 | 3.0 | 1.5 |
| RE1-.500.8751.37Z7030C3 | RE1-.500.8751.37Z7030W3 | 0.500 | 0.875 | 1.375 | 0.030 | 0.500 | 3.0 | 1.5 |
| RE1-.500.8751.37Z7060C3 | RE1-.500.8751.37Z7060W3 | 0.500 | 0.875 | 1.375 | 0.060 | 0.500 | 3.0 | 1.5 |
| RE1-.500.8751.37Z7090C3 | RE1-.500.8751.37Z7090W3 | 0.500 | 0.875 | 1.375 | 0.090 | 0.500 | 3.0 | 1.5 |
| RE1-.500.8751.37Z7125C3 | RE1-.500.8751.37Z7125W3 | 0.500 | 0.875 | 1.375 | 0.125 | 0.500 | 3.0 | 1.5 |
| RE1-.500.8752.12Z7000C4 | RE1-.500.8752.12Z7000W4 | 0.500 | 0.875 | 2.125 | 0.000 | 0.500 | 4.0 | 1.5 |
| RE1-.500.8752.12Z7015C4 | RE1-.500.8752.12Z7015W4 | 0.500 | 0.875 | 2.125 | 0.015 | 0.500 | 4.0 | 1.5 |
| RE1-.500.8752.12Z7030C4 | RE1-.500.8752.12Z7030W4 | 0.500 | 0.875 | 2.125 | 0.030 | 0.500 | 4.0 | 1.5 |
| RE1-.500.8752.12Z7060C4 | RE1-.500.8752.12Z7060W4 | 0.500 | 0.875 | 2.125 | 0.060 | 0.500 | 4.0 | 1.5 |
| RE1-.500.8752.12Z7090C4 | RE1-.500.8752.12Z7090W4 | 0.500 | 0.875 | 2.125 | 0.090 | 0.500 | 4.0 | 1.5 |
| RE1-.500.8752.12Z7125C4 | RE1-.500.8752.12Z7125W4 | 0.500 | 0.875 | 2.125 | 0.125 | 0.500 | 4.0 | 1.5 |

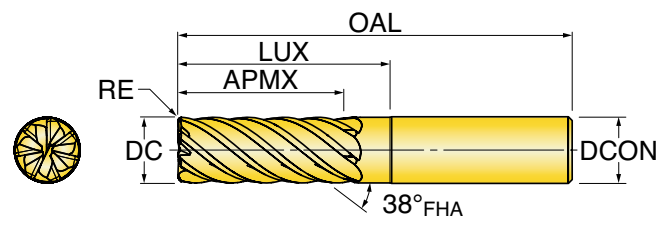
*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-500.8753.12Z7000C5 | RE1-500.8753.12Z7000W5 | 0.500 | 0.875 | 3.125 | 0.000 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z7015C5 | RE1-500.8753.12Z7015W5 | 0.500 | 0.875 | 3.125 | 0.015 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z7030C5 | RE1-500.8753.12Z7030W5 | 0.500 | 0.875 | 3.125 | 0.030 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z7060C5 | RE1-500.8753.12Z7060W5 | 0.500 | 0.875 | 3.125 | 0.060 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z7090C5 | RE1-500.8753.12Z7090W5 | 0.500 | 0.875 | 3.125 | 0.090 | 0.500 | 5.0 | 1.5 |
| RE1-500.8753.12Z7125C5 | RE1-500.8753.12Z7125W5 | 0.500 | 0.875 | 3.125 | 0.125 | 0.500 | 5.0 | 1.5 |
| RE1-500.8754.12Z7000C6 | RE1-500.8754.12Z7000W6 | 0.500 | 0.875 | 4.125 | 0.000 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z7015C6 | RE1-500.8754.12Z7015W6 | 0.500 | 0.875 | 4.125 | 0.015 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z7030C6 | RE1-500.8754.12Z7030W6 | 0.500 | 0.875 | 4.125 | 0.030 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z7060C6 | RE1-500.8754.12Z7060W6 | 0.500 | 0.875 | 4.125 | 0.060 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z7090C6 | RE1-500.8754.12Z7090W6 | 0.500 | 0.875 | 4.125 | 0.090 | 0.500 | 6.0 | 1.5 |
| RE1-500.8754.12Z7125C6 | RE1-500.8754.12Z7125W6 | 0.500 | 0.875 | 4.125 | 0.125 | 0.500 | 6.0 | 1.5 |
| RE1-5001.251.25Z7000C3 | RE1-5001.251.25Z7000W3 | 0.500 | 1.250 | 1.250 | 0.000 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z7015C3 | RE1-5001.251.25Z7015W3 | 0.500 | 1.250 | 1.250 | 0.015 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z7030C3 | RE1-5001.251.25Z7030W3 | 0.500 | 1.250 | 1.250 | 0.030 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z7060C3 | RE1-5001.251.25Z7060W3 | 0.500 | 1.250 | 1.250 | 0.060 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z7090C3 | RE1-5001.251.25Z7090W3 | 0.500 | 1.250 | 1.250 | 0.090 | 0.500 | 3.0 | 1.5 |
| RE1-5001.251.25Z7125C3 | RE1-5001.251.25Z7125W3 | 0.500 | 1.250 | 1.250 | 0.125 | 0.500 | 3.0 | 1.5 |
| RE1-5002.002.00Z7000C4 | RE1-5002.002.00Z7000W4 | 0.500 | 2.000 | 2.000 | 0.000 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z7015C4 | RE1-5002.002.00Z7015W4 | 0.500 | 2.000 | 2.000 | 0.015 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z7030C4 | RE1-5002.002.00Z7030W4 | 0.500 | 2.000 | 2.000 | 0.030 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z7060C4 | RE1-5002.002.00Z7060W4 | 0.500 | 2.000 | 2.000 | 0.060 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z7090C4 | RE1-5002.002.00Z7090W4 | 0.500 | 2.000 | 2.000 | 0.090 | 0.500 | 4.0 | 1.5 |
| RE1-5002.002.00Z7125C4 | RE1-5002.002.00Z7125W4 | 0.500 | 2.000 | 2.000 | 0.125 | 0.500 | 4.0 | 1.5 |
| RE1-5002.502.50Z7000C5 | RE1-5002.502.50Z7000W5 | 0.500 | 2.500 | 2.500 | 0.000 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z7015C5 | RE1-5002.502.50Z7015W5 | 0.500 | 2.500 | 2.500 | 0.015 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z7030C5 | RE1-5002.502.50Z7030W5 | 0.500 | 2.500 | 2.500 | 0.030 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z7060C5 | RE1-5002.502.50Z7060W5 | 0.500 | 2.500 | 2.500 | 0.060 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z7090C5 | RE1-5002.502.50Z7090W5 | 0.500 | 2.500 | 2.500 | 0.090 | 0.500 | 5.0 | 1.5 |
| RE1-5002.502.50Z7125C5 | RE1-5002.502.50Z7125W5 | 0.500 | 2.500 | 2.500 | 0.125 | 0.500 | 5.0 | 1.5 |

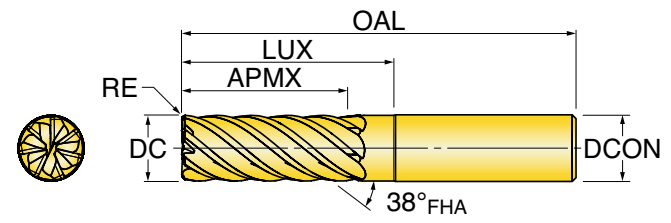
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.5003.123.12Z7000C6 | RE1-.5003.123.12Z7000W6 | 0.500 | 3.125 | 3.125 | 0.000 | 0.500 | 6.0 | 1.5 |
| RE1-.5003.123.12Z7015C6 | RE1-.5003.123.12Z7015W6 | 0.500 | 3.125 | 3.125 | 0.015 | 0.500 | 6.0 | 1.5 |
| RE1-.5003.123.12Z7030C6 | RE1-.5003.123.12Z7030W6 | 0.500 | 3.125 | 3.125 | 0.030 | 0.500 | 6.0 | 1.5 |
| RE1-.5003.123.12Z7060C6 | RE1-.5003.123.12Z7060W6 | 0.500 | 3.125 | 3.125 | 0.060 | 0.500 | 6.0 | 1.5 |
| RE1-.5003.123.12Z7090C6 | RE1-.5003.123.12Z7090W6 | 0.500 | 3.125 | 3.125 | 0.090 | 0.500 | 6.0 | 1.5 |
| RE1-.5003.123.12Z7125C6 | RE1-.5003.123.12Z7125W6 | 0.500 | 3.125 | 3.125 | 0.125 | 0.500 | 6.0 | 1.5 |
| RE1-.625.750.750Z7000C3 | RE1-.625.750.750Z7000W3 | 0.625 | 0.750 | 0.750 | 0.000 | 0.625 | 3.0 | 1.5 |
| RE1-.625.750.750Z7015C3 | RE1-.625.750.750Z7015W3 | 0.625 | 0.750 | 0.750 | 0.015 | 0.625 | 3.0 | 1.5 |
| RE1-.625.750.750Z7030C3 | RE1-.625.750.750Z7030W3 | 0.625 | 0.750 | 0.750 | 0.030 | 0.625 | 3.0 | 1.5 |
| RE1-.625.750.750Z7060C3 | RE1-.625.750.750Z7060W3 | 0.625 | 0.750 | 0.750 | 0.060 | 0.625 | 3.0 | 1.5 |
| RE1-.625.750.750Z7090C3 | RE1-.625.750.750Z7090W3 | 0.625 | 0.750 | 0.750 | 0.090 | 0.625 | 3.0 | 1.5 |
| RE1-.625.750.750Z7125C3 | RE1-.625.750.750Z7125W3 | 0.625 | 0.750 | 0.750 | 0.125 | 0.625 | 3.0 | 1.5 |
| RE1-.6251.002.00Z7000C4 | RE1-.6251.002.00Z7000W4 | 0.625 | 1.000 | 2.000 | 0.000 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z7015C4 | RE1-.6251.002.00Z7015W4 | 0.625 | 1.000 | 2.000 | 0.015 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z7030C4 | RE1-.6251.002.00Z7030W4 | 0.625 | 1.000 | 2.000 | 0.030 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z7060C4 | RE1-.6251.002.00Z7060W4 | 0.625 | 1.000 | 2.000 | 0.060 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z7090C4 | RE1-.6251.002.00Z7090W4 | 0.625 | 1.000 | 2.000 | 0.090 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.002.00Z7125C4 | RE1-.6251.002.00Z7125W4 | 0.625 | 1.000 | 2.000 | 0.125 | 0.625 | 4.0 | 1.5 |
| RE1-.6251.003.00Z7000C5 | RE1-.6251.003.00Z7000W5 | 0.625 | 1.000 | 3.000 | 0.000 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z7015C5 | RE1-.6251.003.00Z7015W5 | 0.625 | 1.000 | 3.000 | 0.015 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z7030C5 | RE1-.6251.003.00Z7030W5 | 0.625 | 1.000 | 3.000 | 0.030 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z7060C5 | RE1-.6251.003.00Z7060W5 | 0.625 | 1.000 | 3.000 | 0.060 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z7090C5 | RE1-.6251.003.00Z7090W5 | 0.625 | 1.000 | 3.000 | 0.090 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.003.00Z7125C5 | RE1-.6251.003.00Z7125W5 | 0.625 | 1.000 | 3.000 | 0.125 | 0.625 | 5.0 | 1.5 |
| RE1-.6251.004.00Z7000C6 | RE1-.6251.004.00Z7000W6 | 0.625 | 1.000 | 4.000 | 0.000 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z7015C6 | RE1-.6251.004.00Z7015W6 | 0.625 | 1.000 | 4.000 | 0.015 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z7030C6 | RE1-.6251.004.00Z7030W6 | 0.625 | 1.000 | 4.000 | 0.030 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z7060C6 | RE1-.6251.004.00Z7060W6 | 0.625 | 1.000 | 4.000 | 0.060 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z7090C6 | RE1-.6251.004.00Z7090W6 | 0.625 | 1.000 | 4.000 | 0.090 | 0.625 | 6.0 | 1.5 |
| RE1-.6251.004.00Z7125C6 | RE1-.6251.004.00Z7125W6 | 0.625 | 1.000 | 4.000 | 0.125 | 0.625 | 6.0 | 1.5 |

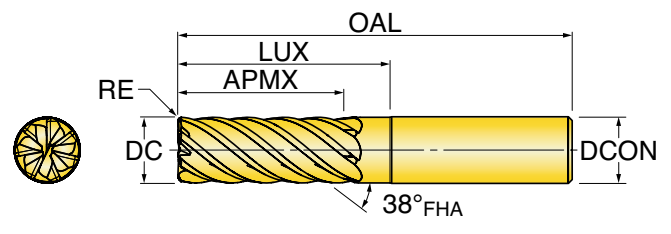
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.6251.621.62Z7000C35 | RE1-.6251.621.62Z7000W35 | 0.625 | 1.625 | 1.625 | 0.000 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z7015C35 | RE1-.6251.621.62Z7015W35 | 0.625 | 1.625 | 1.625 | 0.015 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z7030C35 | RE1-.6251.621.62Z7030W35 | 0.625 | 1.625 | 1.625 | 0.030 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z7060C35 | RE1-.6251.621.62Z7060W35 | 0.625 | 1.625 | 1.625 | 0.060 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z7090C35 | RE1-.6251.621.62Z7090W35 | 0.625 | 1.625 | 1.625 | 0.090 | 0.625 | 3.5 | 1.5 |
| RE1-.6251.621.62Z7125C35 | RE1-.6251.621.62Z7125W35 | 0.625 | 1.625 | 1.625 | 0.125 | 0.625 | 3.5 | 1.5 |
| RE1-.6252.502.50Z7000C5 | RE1-.6252.502.50Z7000W5 | 0.625 | 2.500 | 2.500 | 0.000 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z7015C5 | RE1-.6252.502.50Z7015W5 | 0.625 | 2.500 | 2.500 | 0.015 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z7030C5 | RE1-.6252.502.50Z7030W5 | 0.625 | 2.500 | 2.500 | 0.030 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z7060C5 | RE1-.6252.502.50Z7060W5 | 0.625 | 2.500 | 2.500 | 0.060 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z7090C5 | RE1-.6252.502.50Z7090W5 | 0.625 | 2.500 | 2.500 | 0.090 | 0.625 | 5.0 | 1.5 |
| RE1-.6252.502.50Z7125C5 | RE1-.6252.502.50Z7125W5 | 0.625 | 2.500 | 2.500 | 0.125 | 0.625 | 5.0 | 1.5 |
| RE1-.6253.003.00Z7000C6 | RE1-.6253.003.00Z7000W6 | 0.625 | 3.000 | 3.000 | 0.000 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z7015C6 | RE1-.6253.003.00Z7015W6 | 0.625 | 3.000 | 3.000 | 0.015 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z7030C6 | RE1-.6253.003.00Z7030W6 | 0.625 | 3.000 | 3.000 | 0.030 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z7060C6 | RE1-.6253.003.00Z7060W6 | 0.625 | 3.000 | 3.000 | 0.060 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z7090C6 | RE1-.6253.003.00Z7090W6 | 0.625 | 3.000 | 3.000 | 0.090 | 0.625 | 6.0 | 1.5 |
| RE1-.6253.003.00Z7125C6 | RE1-.6253.003.00Z7125W6 | 0.625 | 3.000 | 3.000 | 0.125 | 0.625 | 6.0 | 1.5 |
| RE1-.7501.001.00Z7000C3 | RE1-.7501.001.00Z7000W3 | 0.750 | 1.000 | 1.000 | 0.000 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z7015C3 | RE1-.7501.001.00Z7015W3 | 0.750 | 1.000 | 1.000 | 0.015 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z7030C3 | RE1-.7501.001.00Z7030W3 | 0.750 | 1.000 | 1.000 | 0.030 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z7060C3 | RE1-.7501.001.00Z7060W3 | 0.750 | 1.000 | 1.000 | 0.060 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z7090C3 | RE1-.7501.001.00Z7090W3 | 0.750 | 1.000 | 1.000 | 0.090 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.001.00Z7125C3 | RE1-.7501.001.00Z7125W3 | 0.750 | 1.000 | 1.000 | 0.125 | 0.750 | 3.0 | 1.5 |
| RE1-.7501.252.00Z7000C4 | RE1-.7501.252.00Z7000W4 | 0.750 | 1.250 | 2.000 | 0.000 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z7015C4 | RE1-.7501.252.00Z7015W4 | 0.750 | 1.250 | 2.000 | 0.015 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z7030C4 | RE1-.7501.252.00Z7030W4 | 0.750 | 1.250 | 2.000 | 0.030 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z7060C4 | RE1-.7501.252.00Z7060W4 | 0.750 | 1.250 | 2.000 | 0.060 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z7090C4 | RE1-.7501.252.00Z7090W4 | 0.750 | 1.250 | 2.000 | 0.090 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.252.00Z7125C4 | RE1-.7501.252.00Z7125W4 | 0.750 | 1.250 | 2.000 | 0.125 | 0.750 | 4.0 | 1.5 |

*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.7501.253.0027000C5 | RE1-.7501.253.0027000W5 | 0.750 | 1.250 | 3.000 | 0.000 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.0027015C5 | RE1-.7501.253.0027015W5 | 0.750 | 1.250 | 3.000 | 0.015 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.0027030C5 | RE1-.7501.253.0027030W5 | 0.750 | 1.250 | 3.000 | 0.030 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.0027060C5 | RE1-.7501.253.0027060W5 | 0.750 | 1.250 | 3.000 | 0.060 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.0027090C5 | RE1-.7501.253.0027090W5 | 0.750 | 1.250 | 3.000 | 0.090 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.253.0027125C5 | RE1-.7501.253.0027125W5 | 0.750 | 1.250 | 3.000 | 0.125 | 0.750 | 5.0 | 1.5 |
| RE1-.7501.254.0027000C6 | RE1-.7501.254.0027000W6 | 0.750 | 1.250 | 4.000 | 0.000 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.0027015C6 | RE1-.7501.254.0027015W6 | 0.750 | 1.250 | 4.000 | 0.015 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.0027030C6 | RE1-.7501.254.0027030W6 | 0.750 | 1.250 | 4.000 | 0.030 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.0027060C6 | RE1-.7501.254.0027060W6 | 0.750 | 1.250 | 4.000 | 0.060 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.0027090C6 | RE1-.7501.254.0027090W6 | 0.750 | 1.250 | 4.000 | 0.090 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.254.0027125C6 | RE1-.7501.254.0027125W6 | 0.750 | 1.250 | 4.000 | 0.125 | 0.750 | 6.0 | 1.5 |
| RE1-.7501.621.6227000C4 | RE1-.7501.621.6227000W4 | 0.750 | 1.625 | 1.625 | 0.000 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.6227015C4 | RE1-.7501.621.6227015W4 | 0.750 | 1.625 | 1.625 | 0.015 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.6227030C4 | RE1-.7501.621.6227030W4 | 0.750 | 1.625 | 1.625 | 0.030 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.6227060C4 | RE1-.7501.621.6227060W4 | 0.750 | 1.625 | 1.625 | 0.060 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.6227090C4 | RE1-.7501.621.6227090W4 | 0.750 | 1.625 | 1.625 | 0.090 | 0.750 | 4.0 | 1.5 |
| RE1-.7501.621.6227125C4 | RE1-.7501.621.6227125W4 | 0.750 | 1.625 | 1.625 | 0.125 | 0.750 | 4.0 | 1.5 |
| RE1-.7502.252.2527000C5 | RE1-.7502.252.2527000W5 | 0.750 | 2.250 | 2.250 | 0.000 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.2527015C5 | RE1-.7502.252.2527015W5 | 0.750 | 2.250 | 2.250 | 0.015 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.2527030C5 | RE1-.7502.252.2527030W5 | 0.750 | 2.250 | 2.250 | 0.030 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.2527060C5 | RE1-.7502.252.2527060W5 | 0.750 | 2.250 | 2.250 | 0.060 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.2527090C5 | RE1-.7502.252.2527090W5 | 0.750 | 2.250 | 2.250 | 0.090 | 0.750 | 5.0 | 1.5 |
| RE1-.7502.252.2527125C5 | RE1-.7502.252.2527125W5 | 0.750 | 2.250 | 2.250 | 0.125 | 0.750 | 5.0 | 1.5 |
| RE1-.7503.253.2527000C6 | RE1-.7503.253.2527000W6 | 0.750 | 3.250 | 3.250 | 0.000 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.2527015C6 | RE1-.7503.253.2527015W6 | 0.750 | 3.250 | 3.250 | 0.015 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.2527030C6 | RE1-.7503.253.2527030W6 | 0.750 | 3.250 | 3.250 | 0.030 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.2527060C6 | RE1-.7503.253.2527060W6 | 0.750 | 3.250 | 3.250 | 0.060 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.2527090C6 | RE1-.7503.253.2527090W6 | 0.750 | 3.250 | 3.250 | 0.090 | 0.750 | 6.0 | 1.5 |
| RE1-.7503.253.2527125C6 | RE1-.7503.253.2527125W6 | 0.750 | 3.250 | 3.250 | 0.125 | 0.750 | 6.0 | 1.5 |

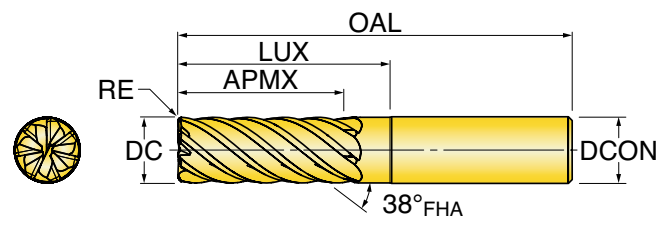
*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-.7504.004.0027000C7 | RE1-.7504.004.0027000W7 | 0.750 | 4.000 | 4.000 | 0.000 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.004.0027015C7 | RE1-.7504.004.0027015W7 | 0.750 | 4.000 | 4.000 | 0.015 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.004.0027030C7 | RE1-.7504.004.0027030W7 | 0.750 | 4.000 | 4.000 | 0.030 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.004.0027060C7 | RE1-.7504.004.0027060W7 | 0.750 | 4.000 | 4.000 | 0.060 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.004.0027090C7 | RE1-.7504.004.0027090W7 | 0.750 | 4.000 | 4.000 | 0.090 | 0.750 | 7.0 | 1.5 |
| RE1-.7504.004.0027125C7 | RE1-.7504.004.0027125W7 | 0.750 | 4.000 | 4.000 | 0.125 | 0.750 | 7.0 | 1.5 |
| RE1-1.001.251.2527000C4 | RE1-1.001.251.2527000W4 | 1.000 | 1.250 | 1.250 | 0.000 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.251.2527015C4 | RE1-1.001.251.2527015W4 | 1.000 | 1.250 | 1.250 | 0.015 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.251.2527030C4 | RE1-1.001.251.2527030W4 | 1.000 | 1.250 | 1.250 | 0.030 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.251.2527060C4 | RE1-1.001.251.2527060W4 | 1.000 | 1.250 | 1.250 | 0.060 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.251.2527090C4 | RE1-1.001.251.2527090W4 | 1.000 | 1.250 | 1.250 | 0.090 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.251.2527125C4 | RE1-1.001.251.2527125W4 | 1.000 | 1.250 | 1.250 | 0.125 | 1.000 | 4.0 | 1.5 |
| RE1-1.001.503.0027000C5 | RE1-1.001.503.0027000W5 | 1.000 | 1.500 | 3.000 | 0.000 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.0027015C5 | RE1-1.001.503.0027015W5 | 1.000 | 1.500 | 3.000 | 0.015 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.0027030C5 | RE1-1.001.503.0027030W5 | 1.000 | 1.500 | 3.000 | 0.030 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.0027060C5 | RE1-1.001.503.0027060W5 | 1.000 | 1.500 | 3.000 | 0.060 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.0027090C5 | RE1-1.001.503.0027090W5 | 1.000 | 1.500 | 3.000 | 0.090 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.503.0027125C5 | RE1-1.001.503.0027125W5 | 1.000 | 1.500 | 3.000 | 0.125 | 1.000 | 5.0 | 1.5 |
| RE1-1.001.504.0027000C6 | RE1-1.001.504.0027000W6 | 1.000 | 1.500 | 4.000 | 0.000 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.0027015C6 | RE1-1.001.504.0027015W6 | 1.000 | 1.500 | 4.000 | 0.015 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.0027030C6 | RE1-1.001.504.0027030W6 | 1.000 | 1.500 | 4.000 | 0.030 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.0027060C6 | RE1-1.001.504.0027060W6 | 1.000 | 1.500 | 4.000 | 0.060 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.0027090C6 | RE1-1.001.504.0027090W6 | 1.000 | 1.500 | 4.000 | 0.090 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.504.0027125C6 | RE1-1.001.504.0027125W6 | 1.000 | 1.500 | 4.000 | 0.125 | 1.000 | 6.0 | 1.5 |
| RE1-1.001.505.0027000C7 | RE1-1.001.505.0027000W7 | 1.000 | 1.500 | 5.000 | 0.000 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.0027015C7 | RE1-1.001.505.0027015W7 | 1.000 | 1.500 | 5.000 | 0.015 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.0027030C7 | RE1-1.001.505.0027030W7 | 1.000 | 1.500 | 5.000 | 0.030 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.0027060C7 | RE1-1.001.505.0027060W7 | 1.000 | 1.500 | 5.000 | 0.060 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.0027090C7 | RE1-1.001.505.0027090W7 | 1.000 | 1.500 | 5.000 | 0.090 | 1.000 | 7.0 | 1.5 |
| RE1-1.001.505.0027125C7 | RE1-1.001.505.0027125W7 | 1.000 | 1.500 | 5.000 | 0.125 | 1.000 | 7.0 | 1.5 |

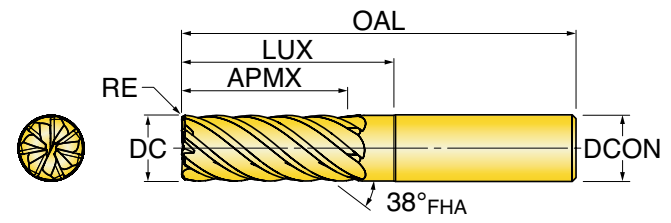
*Non-stock item. Built on request.

Continue on next page.



RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-1.002.002.0027000C45 | RE1-1.002.002.0027000W45 | 1.000 | 2.000 | 2.000 | 0.000 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.0027015C45 | RE1-1.002.002.0027015W45 | 1.000 | 2.000 | 2.000 | 0.015 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.0027030C45 | RE1-1.002.002.0027030W45 | 1.000 | 2.000 | 2.000 | 0.030 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.0027060C45 | RE1-1.002.002.0027060W45 | 1.000 | 2.000 | 2.000 | 0.060 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.0027090C45 | RE1-1.002.002.0027090W45 | 1.000 | 2.000 | 2.000 | 0.090 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.002.0027125C45 | RE1-1.002.002.0027125W45 | 1.000 | 2.000 | 2.000 | 0.125 | 1.000 | 4.5 | 1.5 |
| RE1-1.002.252.2527000C5 | RE1-1.002.252.2527000W5 | 1.000 | 2.250 | 2.250 | 0.000 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.2527015C5 | RE1-1.002.252.2527015W5 | 1.000 | 2.250 | 2.250 | 0.015 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.2527030C5 | RE1-1.002.252.2527030W5 | 1.000 | 2.250 | 2.250 | 0.030 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.2527060C5 | RE1-1.002.252.2527060W5 | 1.000 | 2.250 | 2.250 | 0.060 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.2527090C5 | RE1-1.002.252.2527090W5 | 1.000 | 2.250 | 2.250 | 0.090 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.252.2527125C5 | RE1-1.002.252.2527125W5 | 1.000 | 2.250 | 2.250 | 0.125 | 1.000 | 5.0 | 1.5 |
| RE1-1.002.622.6227000C6 | RE1-1.002.622.6227000W6 | 1.000 | 2.625 | 2.625 | 0.000 | 1.000 | 6.0 | 1.5 |
| RE1-1.002.622.6227015C6 | RE1-1.002.622.6227015W6 | 1.000 | 2.625 | 2.625 | 0.015 | 1.000 | 6.0 | 1.5 |
| RE1-1.002.622.6227030C6 | RE1-1.002.622.6227030W6 | 1.000 | 2.625 | 2.625 | 0.030 | 1.000 | 6.0 | 1.5 |
| RE1-1.002.622.6227060C6 | RE1-1.002.622.6227060W6 | 1.000 | 2.625 | 2.625 | 0.060 | 1.000 | 6.0 | 1.5 |
| RE1-1.002.622.6227090C6 | RE1-1.002.622.6227090W6 | 1.000 | 2.625 | 2.625 | 0.090 | 1.000 | 6.0 | 1.5 |
| RE1-1.002.622.6227125C6 | RE1-1.002.622.6227125W6 | 1.000 | 2.625 | 2.625 | 0.125 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.2527000C6 | RE1-1.003.253.2527000W6 | 1.000 | 3.250 | 3.250 | 0.000 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.2527015C6 | RE1-1.003.253.2527015W6 | 1.000 | 3.250 | 3.250 | 0.015 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.2527030C6 | RE1-1.003.253.2527030W6 | 1.000 | 3.250 | 3.250 | 0.030 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.2527060C6 | RE1-1.003.253.2527060W6 | 1.000 | 3.250 | 3.250 | 0.060 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.2527090C6 | RE1-1.003.253.2527090W6 | 1.000 | 3.250 | 3.250 | 0.090 | 1.000 | 6.0 | 1.5 |
| RE1-1.003.253.2527125C6 | RE1-1.003.253.2527125W6 | 1.000 | 3.250 | 3.250 | 0.125 | 1.000 | 6.0 | 1.5 |
| RE1-1.004.124.1227000C7 | RE1-1.004.124.1227000W7 | 1.000 | 4.125 | 4.125 | 0.000 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.1227015C7 | RE1-1.004.124.1227015W7 | 1.000 | 4.125 | 4.125 | 0.015 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.1227030C7 | RE1-1.004.124.1227030W7 | 1.000 | 4.125 | 4.125 | 0.030 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.1227060C7 | RE1-1.004.124.1227060W7 | 1.000 | 4.125 | 4.125 | 0.060 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.1227090C7 | RE1-1.004.124.1227090W7 | 1.000 | 4.125 | 4.125 | 0.090 | 1.000 | 7.0 | 1.5 |
| RE1-1.004.124.1227125C7 | RE1-1.004.124.1227125W7 | 1.000 | 4.125 | 4.125 | 0.125 | 1.000 | 7.0 | 1.5 |

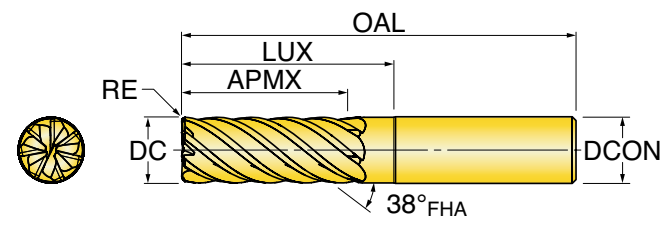
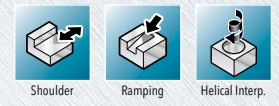
*Non-stock item. Built on request.

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RHINOROUNDS™ SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



| Part Number Cylindrical Shank | Part Number Weldon Shank* | DC Cutting Diameter | APMX Flute Length | LUX Usable Length | RE Corner Radius | DCON Shank Diameter | OAL Overall Length | RPMX Ramp Angle Max. |
|----------------------------------|------------------------------|---------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------------|
| RE1-1.252.002.0027015C45 | RE1-1.252.002.0027015W45 | 1.250 | 2.000 | 2.000 | 0.015 | 1.250 | 4.5 | 1.5 |
| RE1-1.252.002.0027030C45 | RE1-1.252.002.0027030W45 | 1.250 | 2.000 | 2.000 | 0.030 | 1.250 | 4.5 | 1.5 |
| RE1-1.252.002.0027060C45 | RE1-1.252.002.0027060W45 | 1.250 | 2.000 | 2.000 | 0.060 | 1.250 | 4.5 | 1.5 |
| RE1-1.252.002.0027090C45 | RE1-1.252.002.0027090W45 | 1.250 | 2.000 | 2.000 | 0.090 | 1.250 | 4.5 | 1.5 |
| RE1-1.252.002.0027125C45 | RE1-1.252.002.0027125W45 | 1.250 | 2.000 | 2.000 | 0.125 | 1.250 | 4.5 | 1.5 |
| RE1-1.253.003.0027015C6 | RE1-1.253.003.0027015W6 | 1.250 | 3.000 | 3.000 | 0.015 | 1.250 | 6.0 | 1.5 |
| RE1-1.253.003.0027030C6 | RE1-1.253.003.0027030W6 | 1.250 | 3.000 | 3.000 | 0.030 | 1.250 | 6.0 | 1.5 |
| RE1-1.253.003.0027060C6 | RE1-1.253.003.0027060W6 | 1.250 | 3.000 | 3.000 | 0.060 | 1.250 | 6.0 | 1.5 |
| RE1-1.253.003.0027090C6 | RE1-1.253.003.0027090W6 | 1.250 | 3.000 | 3.000 | 0.090 | 1.250 | 6.0 | 1.5 |
| RE1-1.253.003.0027125C6 | RE1-1.253.003.0027125W6 | 1.250 | 3.000 | 3.000 | 0.125 | 1.250 | 6.0 | 1.5 |
| RE1-1.255.005.0027015C8 | RE1-1.255.005.0027015W8 | 1.250 | 5.000 | 5.000 | 0.015 | 1.250 | 8.0 | 1.5 |
| RE1-1.255.005.0027030C8 | RE1-1.255.005.0027030W8 | 1.250 | 5.000 | 5.000 | 0.030 | 1.250 | 8.0 | 1.5 |
| RE1-1.255.005.0027060C8 | RE1-1.255.005.0027060W8 | 1.250 | 5.000 | 5.000 | 0.060 | 1.250 | 8.0 | 1.5 |
| RE1-1.255.005.0027090C8 | RE1-1.255.005.0027090W8 | 1.250 | 5.000 | 5.000 | 0.090 | 1.250 | 8.0 | 1.5 |
| RE1-1.255.005.0027125C8 | RE1-1.255.005.0027125W8 | 1.250 | 5.000 | 5.000 | 0.125 | 1.250 | 8.0 | 1.5 |

*Non-stock item. Built on request.



RHINOROUNDS™ 5-FLUTE OPERATING GUIDELINES

| ISO | Material | Material Examples | Hardness Hb | SFM ² | MAX% STEPOVER (ae) @ 2x DIA LOC (ap) | Chip Thinning Feed Rate ¹ | | | | | |
|----------|---|--|-------------|------------------|--------------------------------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | IPT Ø 0.250 | IPT Ø 0.375 | IPT Ø 0.500 | IPT Ø 0.625 | IPT Ø 0.750 | IPT Ø 1.000 |
| P | MEDIUM & HIGH CARBON STEELS | 1000-1200 SERIES | >285 | 500 - 800 | 12% | 0.0023 | 0.0033 | 0.0043 | 0.0051 | 0.0063 | 0.0084 |
| | ALLOY STEELS | 4130, 4140, 5140, 6150, 8620, | <330 | 400 - 900 | 10% | 0.0023 | 0.0032 | 0.0043 | 0.0050 | 0.0062 | 0.0082 |
| | TOOL STEEL | A2, P20, S7, H13, L6 | <300 | 450 - 650 | 9% | 0.0021 | 0.0031 | 0.0042 | 0.0049 | 0.0056 | 0.0072 |
| | FERRITIC, MARTENSITIC & PH STAINLESS STEELS | "400'S, 15-5, 17-4 CUSTOM 400'S" | >300 | 300 - 500 | 9% | 0.0020 | 0.0033 | 0.0041 | 0.0050 | 0.0059 | 0.0076 |
| M | AUSTENITIC STAINLESS STEELS | INOX, 200 SERIES, 300 SERIES AND 304L | <300 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | AUSTENITIC STAINLESS STEELS & CAST STAINLESS STEELS | 310, 314, 316 | <300 | 350 - 500 | 9% | 0.0024 | 0.0035 | 0.0046 | 0.0057 | 0.0066 | 0.0088 |
| | DUPLIX STEELS (AUSTENITIC & FERRITIC) | 255, 323, 329, 2202, 2205, 2304 | <310 | 350 - 500 | 8% | 0.0025 | 0.0037 | 0.0049 | 0.0063 | 0.0075 | 0.0102 |
| K | "CAST IRON - GRAY LOW STRENGTH" | "Class 20, 25, 30, 35 Grade G1800" | <270 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | "CAST IRON - MALLEABLE MEDIUM STRENGTH" | 60-14-18, 65-45-12, M3210, M4504 | <320 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | "CAST IRON - NODULAR HIGH STRENGTH" | 32510, 40010, 5005, 70003, 90001 | >300 | 300 - 400 | 8% | 0.0011 | 0.0015 | 0.0021 | 0.0026 | 0.0031 | 0.0044 |
| S | IRON-BASED, HEAT-RESISTANT ALLOYS | A-286, INVAR, Discaloy, INCOLOY 800-802, Nitronic | >200 | 200 - 425 | 8% | 0.0022 | 0.0029 | 0.0039 | 0.0050 | 0.0055 | 0.0065 |
| | COBALT-BASED, HEAT-RESISTANT ALLOYS | Haynes 25, Haynes 188, Stellite, MAR-M302 | >180 | 100 - 225 | 7% | 0.0027 | 0.0038 | 0.0048 | 0.0059 | 0.0067 | 0.0091 |
| | NICKEL-BASED, HEAT-RESISTANT ALLOYS | HAST-C, Rene 41, Waspalloy, Monel, Nimonic, UDIMET, INCO 718 | >180 | 65 - 225 | 7% | 0.0018 | 0.0024 | 0.0033 | 0.0043 | 0.0053 | 0.0069 |
| | TITANIUM | Ti6AL4V | >270 | 325 - 450 | 9% | 0.0026 | 0.0031 | 0.0043 | 0.0051 | 0.0058 | 0.0073 |
| | TITANIUM | TITANIUM 10-2-3 | <390 | 250 - 400 | 7% | 0.0027 | 0.0034 | 0.0048 | 0.0059 | 0.0069 | 0.0093 |
| H | HARDENED TOOL STEELS | D2, H13, S7 | >360 | 325 - 525 | 7% | 0.0022 | 0.0029 | 0.0035 | 0.0043 | 0.0049 | 0.0067 |
| | HARDENED TOOL STEELS | D2, H13, S7 | >420 | 300 - 400 | 7% | 0.0020 | 0.0027 | 0.0031 | 0.0037 | 0.0045 | 0.0059 |
| | HARDENED TOOL STEELS | D2, H13, S7 | >485 | 225 - 300 | 6% | 0.0017 | 0.0023 | 0.0027 | 0.0034 | 0.0042 | 0.0059 |
| | HARDENED TOOL STEELS | D2, H13, S7 | >560 | 180 - 275 | 6% | 0.0013 | 0.0019 | 0.0027 | 0.0034 | 0.0040 | 0.0051 |

¹Chip thinning calculations are included in the chipload. No need to use a chip thinning calculator. The IPT has been calculated based upon the mid range value for SFM, and based on 2xD depth of cut (ap)
²When SFM exceeds 500 user air blast to cool the tool.
 Reduce SFM & IPT by 30-40% when running finishing toolpaths if surface finish is not within quality limits



RHINOROUNDS™ 6-FLUTE OPERATING GUIDELINES

| ISO | Material | Material Examples | Hardness Hb | SFM ² | MAX% STEPOVER (ae) @ 2x DIA LOC (ap) | Chip Thinning Feed Rate ¹ | | | | | |
|----------|---|--|-------------|------------------|--------------------------------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | IPT Ø 0.250 | IPT Ø 0.375 | IPT Ø 0.500 | IPT Ø 0.625 | IPT Ø 0.750 | IPT Ø 1.000 |
| P | LOW-CARBON STEELS | "1018, 1108, 1117, A36 12L14, 1200's, 1500's" | <300 | 600 - 900 | 10.00% | 0.0020 | 0.0030 | 0.0043 | 0.0063 | 0.0078 | 0.0108 |
| | MEDIUM & HIGH CARBON STEELS | 1000-1200 SERIES | >285 | 500 - 800 | 9.00% | 0.0018 | 0.0030 | 0.0043 | 0.0052 | 0.0065 | 0.0086 |
| | ALLOY STEELS | 4130, 4140, 5140, 6150, 8620, | <330 | 400 - 900 | 9.00% | 0.0018 | 0.0030 | 0.0043 | 0.0052 | 0.0065 | 0.0086 |
| | TOOL STEEL | A2, P20, S7, H13, L6 | <300 | 450 - 650 | 7.00% | 0.0020 | 0.0031 | 0.0042 | 0.0055 | 0.0063 | 0.0080 |
| M | AUSTENITIC STAINLESS STEELS | INOX, 200 SERIES, 300 SERIES AND 304L | <300 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | AUSTENITIC STAINLESS STEELS & CAST STAINLESS STEELS | 310, 314, 316 | <300 | 350 - 500 | 8.00% | 0.0022 | 0.0035 | 0.0046 | 0.0057 | 0.0066 | 0.0088 |
| | DUPLIX STEELS (AUSTENITIC & FERRITIC) | 255, 323, 329, 2202, 2205, 2304 | <310 | 350 - 500 | 7.00% | 0.0024 | 0.0037 | 0.0049 | 0.0063 | 0.0074 | 0.0102 |
| K | "CAST IRON - GRAY LOW STRENGTH" | "Class 20, 25, 30, 35 Grade G1800" | <270 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | "CAST IRON - MALLEABLE MEDIUM STRENGTH" | 60-14-18, 65-45-12, M3210, M4504 | <320 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | "CAST IRON - NODULAR HIGH STRENGTH" | 32510, 40010, 5005, 70003, 90001 | >300 | 300 - 400 | 7.00% | 0.0006 | 0.0010 | 0.0022 | 0.0029 | 0.0035 | 0.0049 |
| S | IRON-BASED, HEAT-RESISTANT ALLOYS | A-286, INVAR, Discaloy, INCOLOY 800-802, Nitronic | >200 | 200 - 425 | 7.00% | 0.0022 | 0.0033 | 0.0046 | 0.0053 | 0.0059 | 0.0069 |
| | COBALT-BASED, HEAT-RESISTANT ALLOYS | Haynes 25, Haynes 188, Stellite, MAR-M302 | >180 | 65 - 150 | 6.00% | 0.0013 | 0.0023 | 0.0033 | 0.0046 | 0.0057 | 0.0074 |
| | NICKEL-BASED, HEAT-RESISTANT ALLOYS | HAST-C, Rene 41, Waspalloy, Monel, Nimonic, UDIMET | >180 | 100 - 225 | 6.00% | 0.0023 | 0.0036 | 0.0048 | 0.0059 | 0.0067 | 0.0091 |
| | TITANIUM | Ti6AL4V | >270 | 325 - 450 | 8.00% | 0.0020 | 0.0031 | 0.0042 | 0.0052 | 0.0059 | 0.0076 |
| | TITANIUM | TITANIUM 10-2-3 | <390 | 250 - 400 | 6.00% | 0.0023 | 0.0036 | 0.0048 | 0.0059 | 0.0069 | 0.0093 |
| H | HARDENED TOOL STEELS | D2, H13, S7 | >360 | 325 - 525 | 6.00% | 0.0017 | 0.0027 | 0.0036 | 0.0048 | 0.0055 | 0.0074 |
| | HARDENED TOOL STEELS | D2, H13, S7 | >420 | 300 - 400 | 6.00% | 0.0015 | 0.0023 | 0.0032 | 0.0040 | 0.0051 | 0.0065 |
| | HARDENED TOOL STEELS | D2, H13, S7 | >485 | 225 - 300 | 5.00% | 0.0011 | 0.0021 | 0.0028 | 0.0039 | 0.0048 | 0.0067 |
| | HARDENED TOOL STEELS | D2, H13, S7 | >560 | 180 - 275 | 5.00% | 0.0011 | 0.0021 | 0.0028 | 0.0037 | 0.0046 | 0.0057 |

¹Chip thinning calculations are included in the chipload. No need to use a chip thinning calculator. The IPT has been calculated based upon the mid range value for SFM, and based on 2xD depth of cut (ap)
²When SFM exceeds 500 user air blast to cool the tool.
 Reduce SFM & IPT by 30-40% when running finishing toolpaths if surface finish is not within quality limits



RHINOROUNDS™ 7-FLUTE OPERATING GUIDELINES

| ISO | Material | Material Examples | Hardness Hb | SFM ² | MAX% STEPOVER (ae) @ 2x DIA LOC (ap) | Chip Thinning Feed Rate ¹ | | | | | |
|----------|---|---|-------------|------------------|--------------------------------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | IPT Ø 0.250 | IPT Ø 0.375 | IPT Ø 0.500 | IPT Ø 0.625 | IPT Ø 0.750 | IPT Ø 1.000 |
| P | MEDIUM & HIGH CARBON STEELS | 1000-1200 SERIES | >285 | 500 - 800 | 8.00% | 0.0018 | 0.0030 | 0.0043 | 0.0052 | 0.0065 | 0.0086 |
| | ALLOY STEELS | 4130, 4140, 5140, 6150, 8620 | >300 | 400 - 900 | 8.00% | 0.0018 | 0.0030 | 0.0043 | 0.0052 | 0.0065 | 0.0086 |
| | TOOL STEEL | A2, P20, S7, H13, L6 | >300 | 450 - 650 | 6.00% | 0.0020 | 0.0031 | 0.0042 | 0.0055 | 0.0063 | 0.0080 |
| | FERRITIC, MARTENSITIC & PH STAINLESS STEELS | "400'S, 15-5, 17-4 CUSTOM 400'S" | >300 | 300 - 500 | 6.00% | 0.0020 | 0.0029 | 0.0041 | 0.0053 | 0.0063 | 0.0080 |
| M | AUSTENITIC STAINLESS STEELS & CAST STAINLESS STEELS | 310, 314, 316 | <300 | 350 - 500 | 7.00% | 0.0022 | 0.0035 | 0.0046 | 0.0057 | 0.0066 | 0.0088 |
| | DUPLEX STEELS (AUSTENITIC & FERRITIC) | 255, 323, 329, 2202, 2205, 2304 | <310 | 350 - 500 | 6.00% | 0.0024 | 0.0037 | 0.0049 | 0.0063 | 0.0074 | 0.0102 |
| K | "CAST IRON - NODULAR HIGH STRENGTH" | 32510, 40010, 5005, 70003, 90001 | >300 | 300 - 400 | 6.00% | 0.0006 | 0.0010 | 0.0022 | 0.0029 | 0.0035 | 0.0049 |
| S | IRON-BASED, HEAT-RESISTANT ALLOYS | A-286, INVAR, Discaloy, INCOLOY 800-802, Nitronic | >200 | 200 - 425 | 6.00% | 0.0022 | 0.0033 | 0.0046 | 0.0053 | 0.0059 | 0.0069 |
| | COBALT-BASED, HEAT-RESISTANT ALLOYS | Haynes 25, Haynes 188, Stellite, MAR-M302 | >180 | 65 - 150 | 5.00% | 0.0013 | 0.0023 | 0.0033 | 0.0046 | 0.0057 | 0.0074 |
| | NICKEL-BASED, HEAT-RESISTANT ALLOYS | HAST-C, Rene 41, Waspalloy, Monel, Nimonic, UDIMET, Inco718 | >180 | 100 - 225 | 5.00% | 0.0023 | 0.0036 | 0.0048 | 0.0059 | 0.0067 | 0.0091 |
| | TITANIUM | TI6AL4V | >270 | 325 - 450 | 6.00% | 0.0020 | 0.0031 | 0.0042 | 0.0052 | 0.0059 | 0.0076 |
| | TITANIUM | TITANIUM 10-2-3 | <390 | 250 - 400 | 5.00% | 0.0023 | 0.0036 | 0.0048 | 0.0059 | 0.0069 | 0.0093 |
| H | HARDENED TOOL STEELS | D2, H13, S7 | >360 | 325 - 525 | 5.00% | 0.0017 | 0.0027 | 0.0036 | 0.0048 | 0.0055 | 0.0074 |
| | HARDENED TOOL STEELS | D2, H13, S7 | >420 | 300 - 400 | 4.00% | 0.0015 | 0.0023 | 0.0032 | 0.0040 | 0.0051 | 0.0065 |
| | HARDENED TOOL STEELS | D2, H13, S7 | >485 | 225 - 300 | 3.00% | 0.0011 | 0.0021 | 0.0028 | 0.0039 | 0.0048 | 0.0067 |

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 The IPT has been calculated based upon the mid range value for SFM, and based on 2xD depth of cut (ap)
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