



RHINO ROUNDS™

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
- 5 & 6-Flute: 38° helix
- 7-Flute: 40° 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 >= 28 HRC



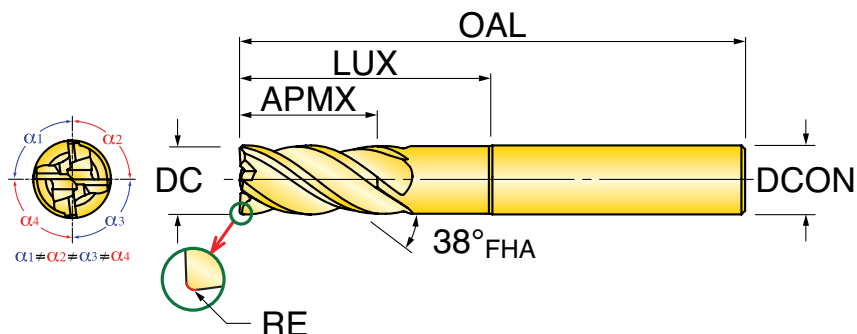
5, 6 & 7-Flute Solid Carbide End Mills for Semi-Finish, Finish and High Efficiency Machining

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° (40° for 7-flute) 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 (40° helix for 7-flute tools)
- 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!

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	Z5	.015	C	25
Ex. 2	REB-	1.00	1.50	5.00	Z6	.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

RHINO ROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



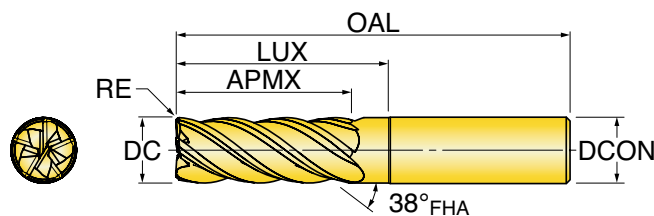
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



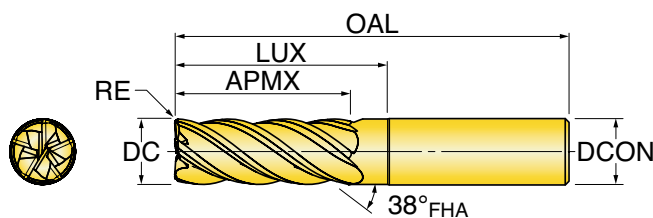
Shoulder



Ramping



Helical Interp.



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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RHINO ROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



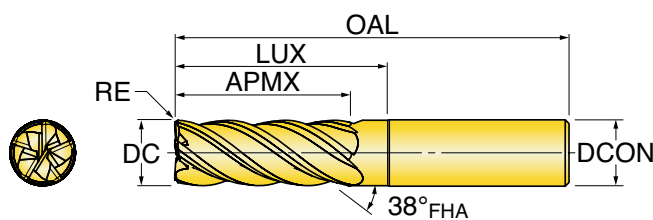
Shoulder



Ramping



Helical Interp.



Part Number Cylindrical Shank	Part Number Weldon Shank*	DC Cutting Diameter	APMX Flute Length	LUX Usable Length	RE Corner Radius	DCN 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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



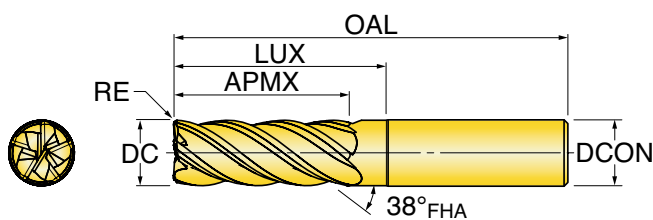
Shoulder



Ramping



Helical Interp.



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.

RHINO ROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



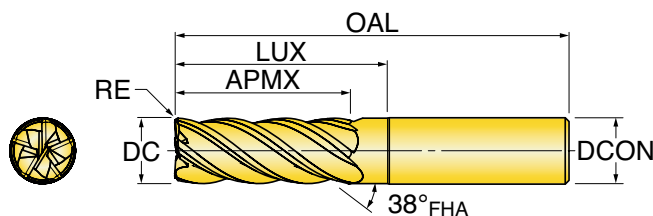
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



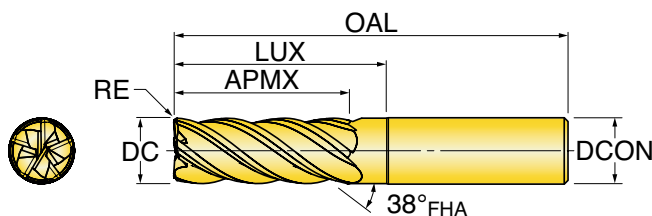
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



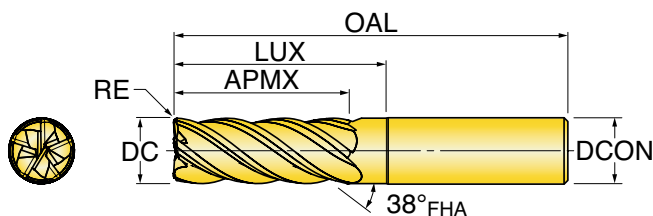
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINOROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



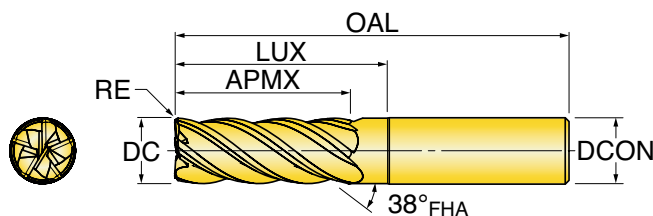
Shoulder



Ramping



Helical Interp.



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.

RHINO ROUNDS™

SERIES RE1_5 (5-FLUTE, SQUARE END)

5 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



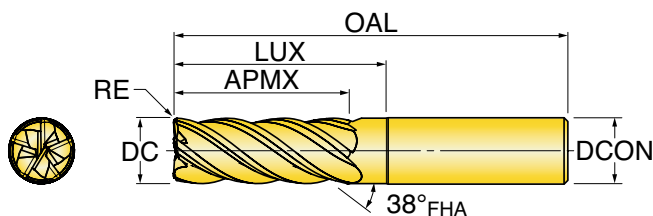
Shoulder



Ramping



Helical Interp.



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.

RHINO ROUNDS™
SERIES REB_5 (5-FLUTE, BALLNOSE)

5 FLUTE BALLNOSE ENDMILLS, 38° HELIX, VARIABLE PITCH

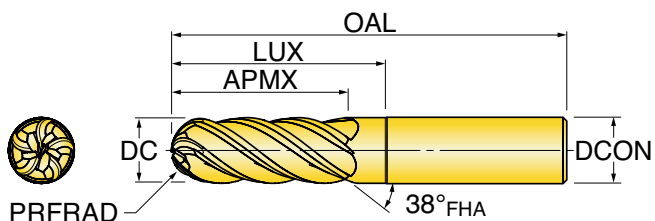


Shoulder

Ramping

Helical Interp.

Contour



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.

Continue on next page.

RHINO ROUNDS™

SERIES REB_5 (5-FLUTE, BALLNOSE)

5 FLUTE BALLNOSE ENDMILLS, 38° HELIX, VARIABLE PITCH

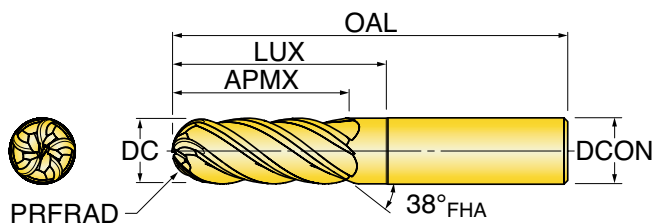


Shoulder

Ramping

Helical Interp.

Contour



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.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



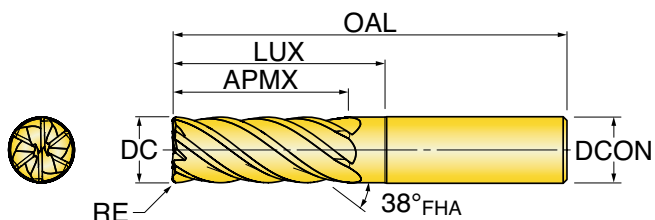
Shoulder



Ramping



Helical Interp.



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.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



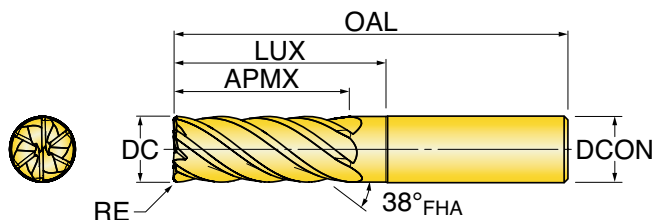
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



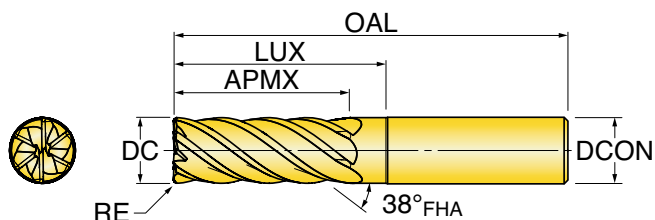
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



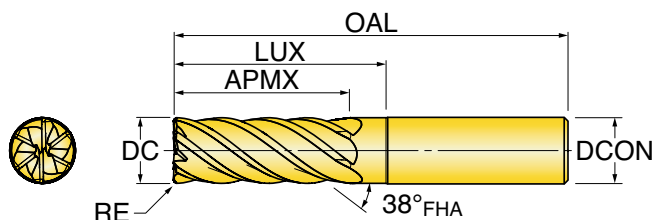
Shoulder



Ramping



Helical Interp.



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-.625.750.75Z6000C3	RE1-.625.750.75Z6000W3	0.625	0.750	0.750	0.000	0.625	3.0	1.5
RE1-.625.750.75Z6015C3	RE1-.625.750.75Z6015W3	0.625	0.750	0.750	0.015	0.625	3.0	1.5
RE1-.625.750.75Z6030C3	RE1-.625.750.75Z6030W3	0.625	0.750	0.750	0.030	0.625	3.0	1.5
RE1-.625.750.75Z6060C3	RE1-.625.750.75Z6060W3	0.625	0.750	0.750	0.060	0.625	3.0	1.5

*Non-stock item. Built on request.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



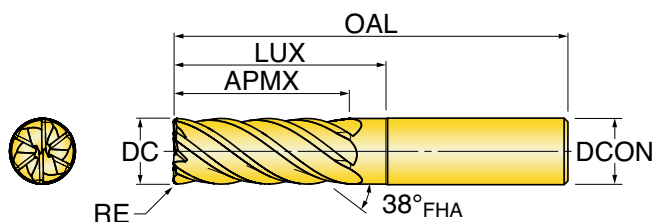
Shoulder



Ramping



Helical Interp.



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.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



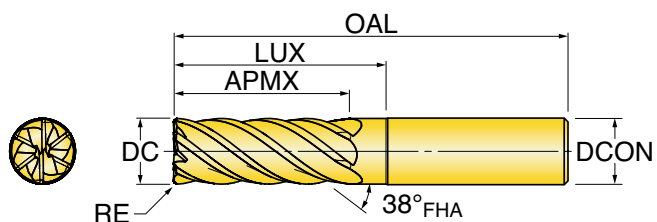
Shoulder



Ramping



Helical Interp.



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.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



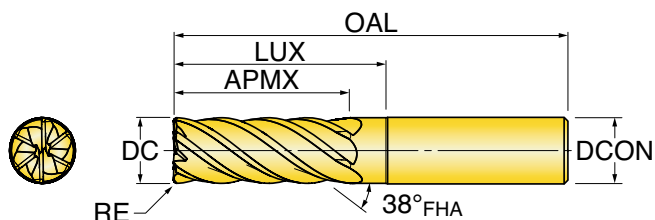
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



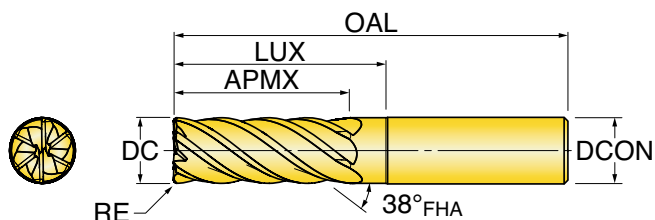
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_6 (6-FLUTE, SQUARE END)

6 FLUTE ENDMILLS, 38° HELIX, VARIABLE PITCH



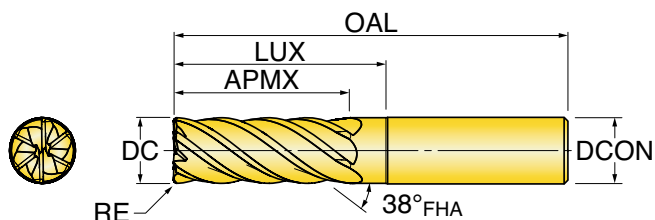
Shoulder



Ramping



Helical Interp.



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.

RHINO ROUNDS™

SERIES REB_6 (6-FLUTE, BALLNOSE)

6 FLUTE BALLNOSE ENDMILLS, 38° HELIX, VARIABLE PITCH

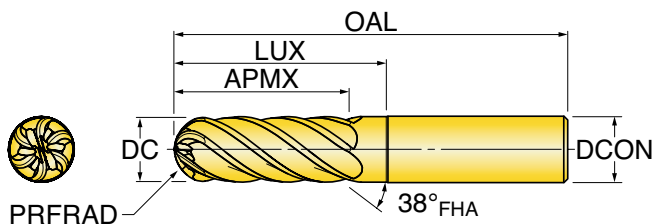


Shoulder

Ramping

Helical Interp.

Contour



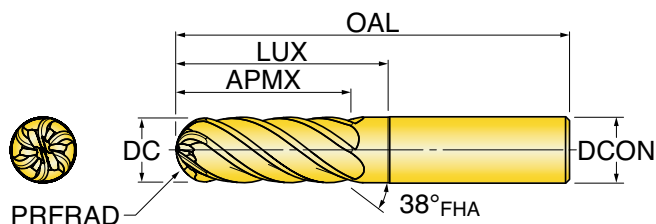
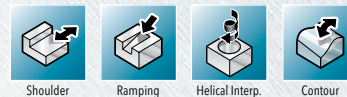
Part Number Cylindrical Shank	Part Number Weldon Shank*	DC Cutting Diameter	APMX Flute Length	LUX Usable Length	PRFRAD Profile Radius	DCON Shank Diameter	OAL Overall Length	RPMX Ramp Angle Max.
REB-.250.500.500Z6125C2	REB-.250.500.500Z6125W2	0.250	0.500	0.500	0.125	0.250	2.0	1.5
REB-.250.5002.12Z6125C4	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.

Continue on next page.

RHINO ROUNDS™ 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.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



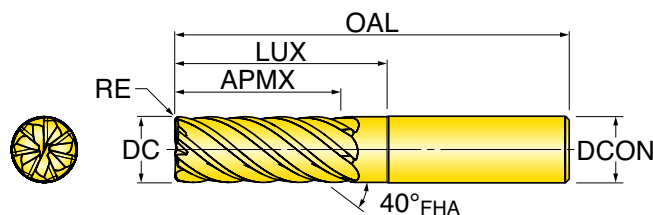
Shoulder



Ramping



Helical Interp.



Part Number Cylindrical Shank	Part Number Weldon Shank*	DC Cutting Diameter	APMX Flute Length	LUX Usable Length	RE Corner Radius	DC ON 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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



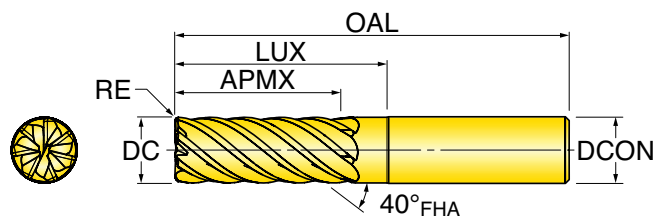
Shoulder



Ramping



Helical Interp.



Part Number Cylindrical Shank	Part Number Weldon Shank*	DC Cutting Diameter	APMX Flute Length	LUX Usable Length	RE Corner Radius	DC ON 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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



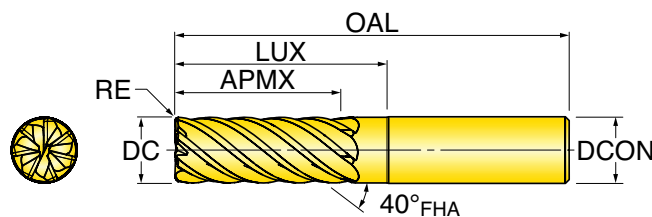
Shoulder



Ramping



Helical Interp.



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, 40° HELIX, VARIABLE PITCH



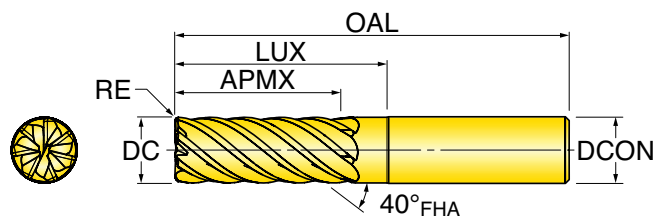
Shoulder



Ramping



Helical Interp.



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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



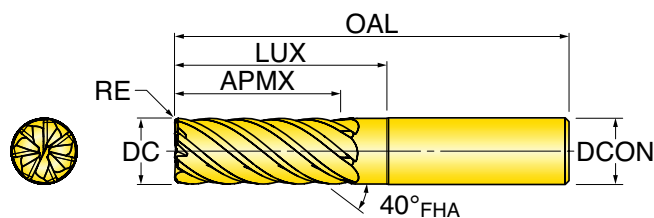
Shoulder



Ramping



Helical Interp.



Part Number Cylindrical Shank	Part Number Weldon Shank*	DC Cutting Diameter	APMX Flute Length	LUX Usable Length	RE Corner Radius	DCN 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.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



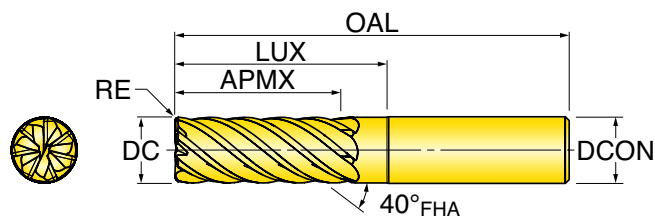
Shoulder



Ramping



Helical Interp.



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.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



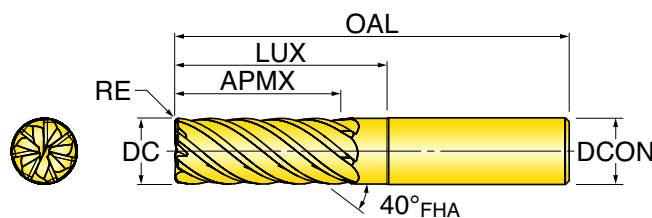
Shoulder



Ramping



Helical Interp.



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-.7501.253.00Z7000C5	RE1-.7501.253.00Z7000W5	0.750	1.250	3.000	0.000	0.750	5.0	1.5
RE1-.7501.253.00Z7015C5	RE1-.7501.253.00Z7015W5	0.750	1.250	3.000	0.015	0.750	5.0	1.5
RE1-.7501.253.00Z7030C5	RE1-.7501.253.00Z7030W5	0.750	1.250	3.000	0.030	0.750	5.0	1.5
RE1-.7501.253.00Z7060C5	RE1-.7501.253.00Z7060W5	0.750	1.250	3.000	0.060	0.750	5.0	1.5
RE1-.7501.253.00Z7090C5	RE1-.7501.253.00Z7090W5	0.750	1.250	3.000	0.090	0.750	5.0	1.5
RE1-.7501.253.00Z7125C5	RE1-.7501.253.00Z7125W5	0.750	1.250	3.000	0.125	0.750	5.0	1.5
RE1-.7501.254.00Z7000C6	RE1-.7501.254.00Z7000W6	0.750	1.250	4.000	0.000	0.750	6.0	1.5
RE1-.7501.254.00Z7015C6	RE1-.7501.254.00Z7015W6	0.750	1.250	4.000	0.015	0.750	6.0	1.5
RE1-.7501.254.00Z7030C6	RE1-.7501.254.00Z7030W6	0.750	1.250	4.000	0.030	0.750	6.0	1.5
RE1-.7501.254.00Z7060C6	RE1-.7501.254.00Z7060W6	0.750	1.250	4.000	0.060	0.750	6.0	1.5
RE1-.7501.254.00Z7090C6	RE1-.7501.254.00Z7090W6	0.750	1.250	4.000	0.090	0.750	6.0	1.5
RE1-.7501.254.00Z7125C6	RE1-.7501.254.00Z7125W6	0.750	1.250	4.000	0.125	0.750	6.0	1.5
RE1-.7501.621.62Z7000C4	RE1-.7501.621.62Z7000W4	0.750	1.625	1.625	0.000	0.750	4.0	1.5
RE1-.7501.621.62Z7015C4	RE1-.7501.621.62Z7015W4	0.750	1.625	1.625	0.015	0.750	4.0	1.5
RE1-.7501.621.62Z7030C4	RE1-.7501.621.62Z7030W4	0.750	1.625	1.625	0.030	0.750	4.0	1.5
RE1-.7501.621.62Z7060C4	RE1-.7501.621.62Z7060W4	0.750	1.625	1.625	0.060	0.750	4.0	1.5
RE1-.7501.621.62Z7090C4	RE1-.7501.621.62Z7090W4	0.750	1.625	1.625	0.090	0.750	4.0	1.5
RE1-.7501.621.62Z7125C4	RE1-.7501.621.62Z7125W4	0.750	1.625	1.625	0.125	0.750	4.0	1.5
RE1-.7502.252.25Z7000C5	RE1-.7502.252.25Z7000W5	0.750	2.250	2.250	0.000	0.750	5.0	1.5
RE1-.7502.252.25Z7015C5	RE1-.7502.252.25Z7015W5	0.750	2.250	2.250	0.015	0.750	5.0	1.5
RE1-.7502.252.25Z7030C5	RE1-.7502.252.25Z7030W5	0.750	2.250	2.250	0.030	0.750	5.0	1.5
RE1-.7502.252.25Z7060C5	RE1-.7502.252.25Z7060W5	0.750	2.250	2.250	0.060	0.750	5.0	1.5
RE1-.7502.252.25Z7090C5	RE1-.7502.252.25Z7090W5	0.750	2.250	2.250	0.090	0.750	5.0	1.5
RE1-.7502.252.25Z7125C5	RE1-.7502.252.25Z7125W5	0.750	2.250	2.250	0.125	0.750	5.0	1.5
RE1-.7503.253.25Z7000C6	RE1-.7503.253.25Z7000W6	0.750	3.250	3.250	0.000	0.750	6.0	1.5
RE1-.7503.253.25Z7015C6	RE1-.7503.253.25Z7015W6	0.750	3.250	3.250	0.015	0.750	6.0	1.5
RE1-.7503.253.25Z7030C6	RE1-.7503.253.25Z7030W6	0.750	3.250	3.250	0.030	0.750	6.0	1.5
RE1-.7503.253.25Z7060C6	RE1-.7503.253.25Z7060W6	0.750	3.250	3.250	0.060	0.750	6.0	1.5
RE1-.7503.253.25Z7090C6	RE1-.7503.253.25Z7090W6	0.750	3.250	3.250	0.090	0.750	6.0	1.5
RE1-.7503.253.25Z7125C6	RE1-.7503.253.25Z7125W6	0.750	3.250	3.250	0.125	0.750	6.0	1.5

*Non-stock item. Built on request.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



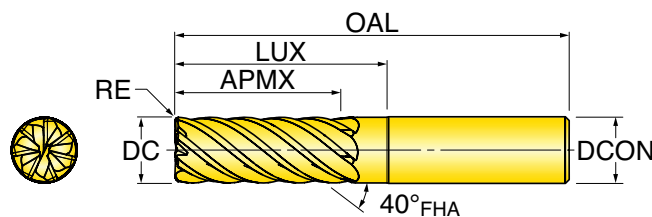
Shoulder



Ramping



Helical Interp.



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-.7504.004.00Z7000C7	RE1-.7504.004.00Z7000W7	0.750	4.000	4.000	0.000	0.750	7.0	1.5
RE1-.7504.004.00Z7015C7	RE1-.7504.004.00Z7015W7	0.750	4.000	4.000	0.015	0.750	7.0	1.5
RE1-.7504.004.00Z7030C7	RE1-.7504.004.00Z7030W7	0.750	4.000	4.000	0.030	0.750	7.0	1.5
RE1-.7504.004.00Z7060C7	RE1-.7504.004.00Z7060W7	0.750	4.000	4.000	0.060	0.750	7.0	1.5
RE1-.7504.004.00Z7090C7	RE1-.7504.004.00Z7090W7	0.750	4.000	4.000	0.090	0.750	7.0	1.5
RE1-.7504.004.00Z7125C7	RE1-.7504.004.00Z7125W7	0.750	4.000	4.000	0.125	0.750	7.0	1.5
RE1-1.001.251.25Z7000C4	RE1-1.001.251.25Z7000W4	1.000	1.250	1.250	0.000	1.000	4.0	1.5
RE1-1.001.251.25Z7015C4	RE1-1.001.251.25Z7015W4	1.000	1.250	1.250	0.015	1.000	4.0	1.5
RE1-1.001.251.25Z7030C4	RE1-1.001.251.25Z7030W4	1.000	1.250	1.250	0.030	1.000	4.0	1.5
RE1-1.001.251.25Z7060C4	RE1-1.001.251.25Z7060W4	1.000	1.250	1.250	0.060	1.000	4.0	1.5
RE1-1.001.251.25Z7090C4	RE1-1.001.251.25Z7090W4	1.000	1.250	1.250	0.090	1.000	4.0	1.5
RE1-1.001.251.25Z7125C4	RE1-1.001.251.25Z7125W4	1.000	1.250	1.250	0.125	1.000	4.0	1.5
RE1-1.001.503.00Z7000C5	RE1-1.001.503.00Z7000W5	1.000	1.500	3.000	0.000	1.000	5.0	1.5
RE1-1.001.503.00Z7015C5	RE1-1.001.503.00Z7015W5	1.000	1.500	3.000	0.015	1.000	5.0	1.5
RE1-1.001.503.00Z7030C5	RE1-1.001.503.00Z7030W5	1.000	1.500	3.000	0.030	1.000	5.0	1.5
RE1-1.001.503.00Z7060C5	RE1-1.001.503.00Z7060W5	1.000	1.500	3.000	0.060	1.000	5.0	1.5
RE1-1.001.503.00Z7090C5	RE1-1.001.503.00Z7090W5	1.000	1.500	3.000	0.090	1.000	5.0	1.5
RE1-1.001.503.00Z7125C5	RE1-1.001.503.00Z7125W5	1.000	1.500	3.000	0.125	1.000	5.0	1.5
RE1-1.001.504.00Z7000C6	RE1-1.001.504.00Z7000W6	1.000	1.500	4.000	0.000	1.000	6.0	1.5
RE1-1.001.504.00Z7015C6	RE1-1.001.504.00Z7015W6	1.000	1.500	4.000	0.015	1.000	6.0	1.5
RE1-1.001.504.00Z7030C6	RE1-1.001.504.00Z7030W6	1.000	1.500	4.000	0.030	1.000	6.0	1.5
RE1-1.001.504.00Z7060C6	RE1-1.001.504.00Z7060W6	1.000	1.500	4.000	0.060	1.000	6.0	1.5
RE1-1.001.504.00Z7090C6	RE1-1.001.504.00Z7090W6	1.000	1.500	4.000	0.090	1.000	6.0	1.5
RE1-1.001.504.00Z7125C6	RE1-1.001.504.00Z7125W6	1.000	1.500	4.000	0.125	1.000	6.0	1.5
RE1-1.001.505.00Z7000C7	RE1-1.001.505.00Z7000W7	1.000	1.500	5.000	0.000	1.000	7.0	1.5
RE1-1.001.505.00Z7015C7	RE1-1.001.505.00Z7015W7	1.000	1.500	5.000	0.015	1.000	7.0	1.5
RE1-1.001.505.00Z7030C7	RE1-1.001.505.00Z7030W7	1.000	1.500	5.000	0.030	1.000	7.0	1.5
RE1-1.001.505.00Z7060C7	RE1-1.001.505.00Z7060W7	1.000	1.500	5.000	0.060	1.000	7.0	1.5
RE1-1.001.505.00Z7090C7	RE1-1.001.505.00Z7090W7	1.000	1.500	5.000	0.090	1.000	7.0	1.5
RE1-1.001.505.00Z7125C7	RE1-1.001.505.00Z7125W7	1.000	1.500	5.000	0.125	1.000	7.0	1.5

*Non-stock item. Built on request.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



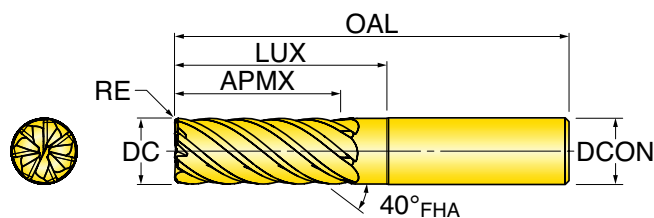
Shoulder



Ramping



Helical Interp.



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.
RE1-1.002.002.00Z7000C45	RE1-1.002.002.00Z7000W45	1.000	2.000	2.000	0.000	1.000	4.5	1.5
RE1-1.002.002.00Z7015C45	RE1-1.002.002.00Z7015W45	1.000	2.000	2.000	0.015	1.000	4.5	1.5
RE1-1.002.002.00Z7030C45	RE1-1.002.002.00Z7030W45	1.000	2.000	2.000	0.030	1.000	4.5	1.5
RE1-1.002.002.00Z7060C45	RE1-1.002.002.00Z7060W45	1.000	2.000	2.000	0.060	1.000	4.5	1.5
RE1-1.002.002.00Z7090C45	RE1-1.002.002.00Z7090W45	1.000	2.000	2.000	0.090	1.000	4.5	1.5
RE1-1.002.002.00Z7125C45	RE1-1.002.002.00Z7125W45	1.000	2.000	2.000	0.125	1.000	4.5	1.5
RE1-1.002.252.25Z7000C5	RE1-1.002.252.25Z7000W5	1.000	2.250	2.250	0.000	1.000	5.0	1.5
RE1-1.002.252.25Z7015C5	RE1-1.002.252.25Z7015W5	1.000	2.250	2.250	0.015	1.000	5.0	1.5
RE1-1.002.252.25Z7030C5	RE1-1.002.252.25Z7030W5	1.000	2.250	2.250	0.030	1.000	5.0	1.5
RE1-1.002.252.25Z7060C5	RE1-1.002.252.25Z7060W5	1.000	2.250	2.250	0.060	1.000	5.0	1.5
RE1-1.002.252.25Z7090C5	RE1-1.002.252.25Z7090W5	1.000	2.250	2.250	0.090	1.000	5.0	1.5
RE1-1.002.252.25Z7125C5	RE1-1.002.252.25Z7125W5	1.000	2.250	2.250	0.125	1.000	5.0	1.5
RE1-1.002.622.62Z7000C6	RE1-1.002.622.62Z7000W6	1.000	2.625	2.625	0.000	1.000	6.0	1.5
RE1-1.002.622.62Z7015C6	RE1-1.002.622.62Z7015W6	1.000	2.625	2.625	0.015	1.000	6.0	1.5
RE1-1.002.622.62Z7030C6	RE1-1.002.622.62Z7030W6	1.000	2.625	2.625	0.030	1.000	6.0	1.5
RE1-1.002.622.62Z7060C6	RE1-1.002.622.62Z7060W6	1.000	2.625	2.625	0.060	1.000	6.0	1.5
RE1-1.002.622.62Z7090C6	RE1-1.002.622.62Z7090W6	1.000	2.625	2.625	0.090	1.000	6.0	1.5
RE1-1.002.622.62Z7125C6	RE1-1.002.622.62Z7125W6	1.000	2.625	2.625	0.125	1.000	6.0	1.5
RE1-1.003.253.25Z7000C6	RE1-1.003.253.25Z7000W6	1.000	3.250	3.250	0.000	1.000	6.0	1.5
RE1-1.003.253.25Z7015C6	RE1-1.003.253.25Z7015W6	1.000	3.250	3.250	0.015	1.000	6.0	1.5
RE1-1.003.253.25Z7030C6	RE1-1.003.253.25Z7030W6	1.000	3.250	3.250	0.030	1.000	6.0	1.5
RE1-1.003.253.25Z7060C6	RE1-1.003.253.25Z7060W6	1.000	3.250	3.250	0.060	1.000	6.0	1.5
RE1-1.003.253.25Z7090C6	RE1-1.003.253.25Z7090W6	1.000	3.250	3.250	0.090	1.000	6.0	1.5
RE1-1.003.253.25Z7125C6	RE1-1.003.253.25Z7125W6	1.000	3.250	3.250	0.125	1.000	6.0	1.5
RE1-1.004.124.12Z7000C7	RE1-1.004.124.12Z7000W7	1.000	4.125	4.125	0.000	1.000	7.0	1.5
RE1-1.004.124.12Z7015C7	RE1-1.004.124.12Z7015W7	1.000	4.125	4.125	0.015	1.000	7.0	1.5
RE1-1.004.124.12Z7030C7	RE1-1.004.124.12Z7030W7	1.000	4.125	4.125	0.030	1.000	7.0	1.5
RE1-1.004.124.12Z7060C7	RE1-1.004.124.12Z7060W7	1.000	4.125	4.125	0.060	1.000	7.0	1.5
RE1-1.004.124.12Z7090C7	RE1-1.004.124.12Z7090W7	1.000	4.125	4.125	0.090	1.000	7.0	1.5
RE1-1.004.124.12Z7125C7	RE1-1.004.124.12Z7125W7	1.000	4.125	4.125	0.125	1.000	7.0	1.5

*Non-stock item. Built on request.

Continue on next page.

RHINO ROUNDS™

SERIES RE1_7 (7-FLUTE, SQUARE END)

7 FLUTE ENDMILLS, 40° HELIX, VARIABLE PITCH



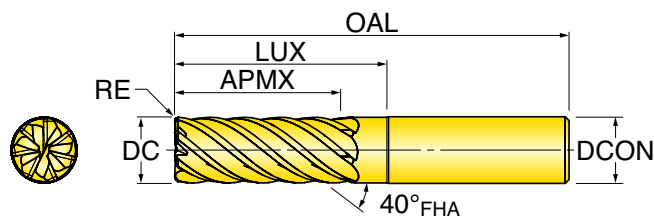
Shoulder



Ramping



Helical Interp.



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.
RE1-1.252.002.00Z7015C45	RE1-1.252.002.00Z7015W45	1.250	2.000	2.000	0.015	1.250	4.5	1.5
RE1-1.252.002.00Z7030C45	RE1-1.252.002.00Z7030W45	1.250	2.000	2.000	0.030	1.250	4.5	1.5
RE1-1.252.002.00Z7060C45	RE1-1.252.002.00Z7060W45	1.250	2.000	2.000	0.060	1.250	4.5	1.5
RE1-1.252.002.00Z7090C45	RE1-1.252.002.00Z7090W45	1.250	2.000	2.000	0.090	1.250	4.5	1.5
RE1-1.252.002.00Z7125C45	RE1-1.252.002.00Z7125W45	1.250	2.000	2.000	0.125	1.250	4.5	1.5
RE1-1.253.003.00Z7015C6	RE1-1.253.003.00Z7015W6	1.250	3.000	3.000	0.015	1.250	6.0	1.5
RE1-1.253.003.00Z7030C6	RE1-1.253.003.00Z7030W6	1.250	3.000	3.000	0.030	1.250	6.0	1.5
RE1-1.253.003.00Z7060C6	RE1-1.253.003.00Z7060W6	1.250	3.000	3.000	0.060	1.250	6.0	1.5
RE1-1.253.003.00Z7090C6	RE1-1.253.003.00Z7090W6	1.250	3.000	3.000	0.090	1.250	6.0	1.5
RE1-1.253.003.00Z7125C6	RE1-1.253.003.00Z7125W6	1.250	3.000	3.000	0.125	1.250	6.0	1.5
RE1-1.255.005.00Z7015C8	RE1-1.255.005.00Z7015W8	1.250	5.000	5.000	0.015	1.250	8.0	1.5
RE1-1.255.005.00Z7030C8	RE1-1.255.005.00Z7030W8	1.250	5.000	5.000	0.030	1.250	8.0	1.5
RE1-1.255.005.00Z7060C8	RE1-1.255.005.00Z7060W8	1.250	5.000	5.000	0.060	1.250	8.0	1.5
RE1-1.255.005.00Z7090C8	RE1-1.255.005.00Z7090W8	1.250	5.000	5.000	0.090	1.250	8.0	1.5
RE1-1.255.005.00Z7125C8	RE1-1.255.005.00Z7125W8	1.250	5.000	5.000	0.125	1.250	8.0	1.5

*Non-stock item. Built on request.



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	>300	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
	DUPLEX 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



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	>300	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
	DUPLEX 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

RHINO ROUNDS™
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

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