

ULTIMATE FLUSH TRIM BITS

The compression design provides the ultimate cut when using templates. These bits leave a crisp, clean edge on both the top and bottom edge of the workpiece.



Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
(A) UDF9112	1/2"	7/8"	1-1/8"	3-3/4"
(B) UDP9112	1/2"	7/8"	1-1/8"	3-1/2"
(C) UDC9112	1/2"	7/8"	1-1/8"	3-3/4"

FLUSH TRIM SPIRAL BITS

These spiral bits offer state-of-the-art results in flush trimming. Our 1/4" diameter tools are great for small inside corners. Try our 1/8" diameter for extremely sharp corners. The 1/8" bit uses a solid pilot. All others feature a double ball bearing guide. Available in your choice of Up Cut, Down Cut, or an Up/Down Combination.

Up Cut

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
RFT1600	1/4"	1/8"	3/8"	2"
RFT2100	1/4"	1/4"	1"	3"
RFT5125	1/2"	1/2"	1-1/4"	3-3/4"
RFT5200	1/2"	1/2"	2"	4-3/4"

Down Cut

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
RFTD1600	1/4"	1/8"	3/8"	2"
RFTD2100	1/4"	1/4"	1"	3"
RFTD5125	1/2"	1/2"	1-1/4"	3-3/4"
RFTD5200	1/2"	1/2"	2"	4-3/4"

Up / Down Cut (2+2 Compression)

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UDFT2100	1/4"	1/4"	1"	3"
UDFT5152	1/2"	1/2"	1-1/2"	4-1/4"

ULTIMATE COMPRESSION BITS

CNC Sheet Goods Up / Down Bits

The "ULTIMATE" Carbide Compression Spiral Bit for CNC routing of sheet goods such as plywood and MDF.

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UC5050	1/2"	3/8"	1/2"	3"
UC5075	1/2"	3/8"	3/4"	3"

Conventional Compression Bits typically force the chips into the mid-section of the cut where the up-cut and down-cut flutes overlap. These chips can pack into the flutes which make the bit hard to push and causes it to run much hotter. This results in lower feed rates and shorter tool life.



ADVANTAGES of the "ULTIMATE" Bit

- Dedicated cut length to match the material thickness.
- Up-cut flute extends into shank to improve chip evacuation.
- Ultimate chip control allows the bit to cut more freely, run cooler, and last longer.
- The down-shear flute cuts a 45° chamfer. Position the depth to barely shave the top edge of the material or lower the bit to cut up to a 1/16" chamfer.
- 3/8" cutting diameter bits are optimal for routing sheet goods. They remove less material with lower horsepower than 1/2" cutting diameter bits.
- 1/2" shank diameter provides the best rigidity and eliminates the need for odd sized collets.

O-FLUTE SPIRALS

Plastic Cutting

Standard O-Flute Spiral Bits designed for most plastic and aluminum applications.

Up Cut Part #	Down Cut Part #	Cutting Dia.	# Of Flutes	Cutting Length	Overall Length
1/4" SHANK					
RU1581A	-	1/8"	1	1/4"	2"
RU1601A	RD1601A	1/8"	1	1/2"	2-1/2"
RU1701A	-	5/32"	1	5/8"	2-1/2"
RU1801A	-	3/16"	1	5/8"	2-1/2"
RU2074A	RD2074A	1/4"	1	3/4"	2-1/2"
RU2076A	RD2076A	1/4"	2	3/4"	2-1/2"
RU2111A	-	1/4"	1	1-1/8"	3"
3/8" SHANK					
RU4111A	RD4111A	3/8"	1	1-1/8"	3"
1/2" SHANK					
RU5121A	-	1/2"	1	1-1/4"	3"
RU5161A	-	1/2"	1	1-5/8"	3-1/2"
RU5201A	-	1/2"	1	2"	4"

