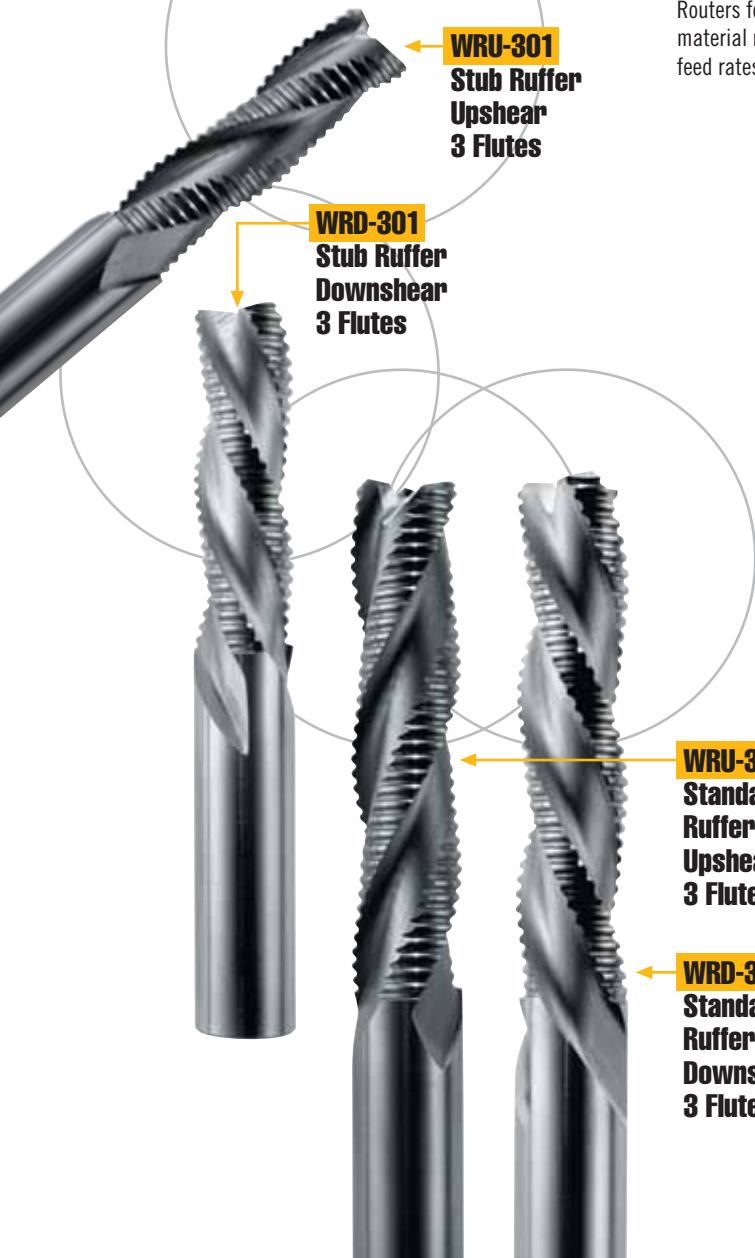


## Extra Cutting Length Finish Spiral Routers



**WTL-303**  
Regular Length  
Downshear  
2 Flutes

## Spiral Routers for Rough Cutting



**WRU-301**  
Stub Ruffler  
Upshear  
3 Flutes

**WRD-301**  
Stub Ruffler  
Downshear  
3 Flutes

**WRU-303**  
Standard  
Ruffler  
Upshear  
3 Flutes

**WRD-303**  
Standard  
Ruffler  
Downshear  
3 Flutes

Extra Long Length Routers for superior finish in most materials

### WTL-303 Extra Long Length Upshear/3 Flutes

Tool Number	Cutting Diameter	Shank Diameter	Cutting Length	Overall Length
WTL-303-04	1/8"	1/8"	1"	3"
WTL-303-06	3/16"	3/16"	1-1/8"	3"
WTL-303-08	1/4"	1/4"	1-1/4"	3-1/8"
WTL-303-10	5/16"	5/16"	1-3/8"	3-1/8"
WTL-303-12	3/8"	3/8"	1-1/2"	3-1/4"
WTL-303-16	1/2"	1/2"	2"	4"
WTL-303-20	5/8"	5/8"	2-1/2"	4-5/8"
WTL-303-24	3/4"	3/4"	3"	5-1/4"

Upshear and Downshear Roughing Routers for superior material removal at feed rates to 1500IPM

### WRU-301 Stub Ruffler Upshear/3 Flutes

Tool Number	Cutting Diameter	Shank Diameter	Cutting Length	Overall Length
WRU-301-16	1/2"	1/2"	1-1/2"	3-1/2"
WRU-301-20	5/8"	5/8"	2-3/16" (55mm)	4-5/8"
WRU-301-24	3/4"	3/4"	2-3/16" (55mm)	5-1/4"

### WRD-301 Stub Ruffler Downshear/3 Flutes

Tool Number	Cutting Diameter	Shank Diameter	Cutting Length	Overall Length
WRD-301-16	1/2"	1/2"	1-1/2"	3-1/2"
WRD-301-20	5/8"	5/8"	2-3/16" (55mm)	4-5/8"
WRD-301-24	3/4"	3/4"	2-3/16" (55mm)	5-1/4"

### WRU-303 Standard Ruffler Upshear/3 Flutes

Tool Number	Cutting Diameter	Shank Diameter	Cutting Length	Overall Length
WRU-303-16	1/2"	1/2"	2-3/16" (55mm)	4"
WRU-303-16mm	16mm	16mm	55mm	118mm
WRU-303-20	5/8"	5/8"	2-1/2"	4-5/8"
WRU-303-24	3/4"	3/4"	2-1/2"	5-1/4"

### WRD-303 Standard Ruffler Downshear/3 Flutes

Tool Number	Cutting Diameter	Shank Diameter	Cutting Length	Overall Length
WRD-303-16	1/2"	1/2"	2-3/16" (55mm)	4"
WRD-303-16mm	16mm	16mm	55mm	118mm
WRD-303-20	5/8"	5/8"	2-1/2"	4-5/8"
WRD-303-24	3/4"	3/4"	2-1/2"	5-1/4"