



STANDARD SPIRAL BITS

Up Cut **OR** Down Cut
Two Flute

UP CUT



PART # RU2100

DOWN CUT



PART # RD5150

Up Cut Part #	Down Cut Part #	Cutting Dia.	Cutting Length	Overall Length
1/4" SHANK				
RU1600	RD1600	1/8"	1/2"	2"
RU1700	RD1700	5/32"	5/8"	2"
RU1800	RD1800	3/16"	3/4"	2-1/2"
RU1900	RD1900	7/32"	3/4"	2-1/2"
RU2075	RD2075	1/4"	3/4"	2-1/2"
RU2100	RD2100	1/4"	1"	2-1/2"
5/16" SHANK				
RU3100	RD3100	5/16"	1"	2-1/2"
3/8" SHANK				
RU4075	RD4075	3/8"	3/4"	2-1/2"
RU4100	RD4100	3/8"	1"	2-1/2"
RU4125	RD4125	3/8"	1-1/4"	3"
1/2" SHANK				
RU4675	RD4675	1/4"	3/4"	3"
RU4700	RD4700	1/4"	1"	3-1/4"
RU4800	RD4800	9/32"	1"	3"
RU4850	RD4850	5/16"	1"	3"
RU4875	RD4875	3/8"	3/4"	3"
RU4900	RD4900	3/8"	1-1/4"	3"
RU4950	RD4950	7/16"	1-1/4"	3"
RU5100	RD5100	1/2"	1"	3"
RU5125	RD5125	1/2"	1-1/4"	3"
RU5150	RD5150	1/2"	1-1/2"	3-1/2"
RU5200	RD5200	1/2"	2"	4"
5/8" SHANK				
RU6150	RD6150	5/8"	1-1/2"	3-1/2"
RU6200	RD6200	5/8"	2"	4"
3/4" SHANK				
RU7150	RD7150	3/4"	1-1/2"	4"
RU7200	RD7200	3/4"	2"	4"
RU7300	RD7300	3/4"	3"	5"
RU7306	RD7306	3/4"	3"	6"



PART # UD2100

UP / DOWN CUT SPIRAL BITS *Single Flute* Up / Down Cut (1+1 Compression)

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UD2100	1/4"	1/4"	1"	2-1/2"
UD4125	3/8"	3/8"	1-1/4"	3"
UD5160	1/2"	1/2"	1-5/8"	3-1/2"

Up / Down Cut (2+2 Compression)

Two Flute

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UD1602	1/4"	1/8"	1/2"	2-1/2"
UD2102	1/4"	1/4"	1"	2-1/2"
*UD4102M	3/8"	3/8"	1"	2-1/2"
UD4122	3/8"	3/8"	1-1/4"	3"
*UD4122M	3/8"	3/8"	1-1/4"	3"
UD5122	1/2"	1/2"	1-1/4"	3"
*UD5122M	1/2"	1/2"	1-1/4"	3"
UD5152	1/2"	1/2"	1-1/2"	3-1/2"
UD5162	1/2"	1/2"	1-5/8"	3-1/2"
*UD5162M	1/2"	1/2"	1-5/8"	3-1/2"
UD5202	1/2"	1/2"	2"	4"
UD5222	1/2"	1/2"	2-1/4"	5-1/2"
UD6152	5/8"	5/8"	1-1/2"	4"
UD7152	3/4"	3/4"	1-1/2"	4"
UD7202	3/4"	3/4"	2"	5"



PART # UD5152



PART # UD5123M

Up / Down Cut (3+3 Compression) *Three Flute*

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UD4123	3/8"	3/8"	1-1/4"	3"
*UD4123M	3/8"	3/8"	1-1/4"	3"
UD5123	1/2"	1/2"	1-1/4"	3"
*UD5123M	1/2"	1/2"	1-1/4"	3"
UD5143	1/2"	1/2"	1-3/8"	3-1/2"
UD5163	1/2"	1/2"	1-5/8"	3-1/2"
*UD5163M	1/2"	1/2"	1-5/8"	3-1/2"

* Mortise Style - These bits have a short up-cut end flute. This design allows down shear cutting action to the top surface during shallow cuts.



HERCULES

Max Life Spirals



PART # HU5125



PART # HC5122M

Up Cut

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
HU4125	3/8"	3/8"	1-1/4"	3"
HU5125	1/2"	1/2"	1-1/4"	3"

Down Cut

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
HD4125	3/8"	3/8"	1-1/4"	3"
HD5125	1/2"	1/2"	1-1/4"	3"

This series is named "Hercules" for its ability to hold up under severe loads.

- Engineered for Maximum Bit Life in High Wear Applications
- Ideal for long production runs in MDF and Laminated Materials



Up / Down Cut (2+2 Compression)

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
HC4122	3/8"	3/8"	1-1/4"	3"
*HC4122M	3/8"	3/8"	1-1/4"	3"
HC5122	1/2"	1/2"	1-1/4"	3"
*HC5122M	1/2"	1/2"	1-1/4"	3"

* Mortise Style (Short up-cut flute for shallow dado cuts)