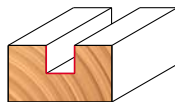


Single Flute Straight Bits

- Designed for high production work with a maximum amount of chip clearance.
- End of bit relief allows for fast plunging.



03-156

Application:

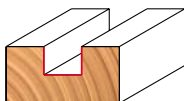
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
03-112*	1/8"	3/8"	1/4"	1 1/2"
03-116*	1/8"	1/2"	1/4"	2"
03-120*	1/8"	5/8"	1/4"	2"
03-124*	3/16"	3/8"	1/4"	1 1/2"
03-128*	3/16"	1/2"	1/4"	2"
03-132*	1/4"	1/2"	1/4"	2"
03-136*	1/4"	3/4"	1/4"	2 1/2"
03-140*	1/4"	1 1/2"	1/4"	2 1/2"
03-144*	1/4"	1"	1/4"	3"
03-148	5/16"	3/4"	1/4"	2 1/2"
03-152	5/16"	1"	1/4"	2 1/2"
03-156	3/8"	1 1/4"	1/4"	2 7/8"
05-136	1/4"	3/4"	3/8"	2 3/4"
05-160	3/8"	1 1/4"	3/8"	2 7/8"
05-164	1/2"	1"	3/8"	2 1/2"
11-136	1/4"	3/4"	1/2"	2 1/2"
11-152	5/16"	1"	1/2"	2 7/8"
11-158	3/8"	1"	1/2"	3"
11-160	3/8"	1 1/4"	1/2"	3"
11-164	1/2"	1"	1/2"	2 1/16"
11-168	1/2"	1 1/4"	1/2"	2 7/8"
11-172	1/2"	1 1/2"	1/2"	3 1/8"
11-176	1/2"	2"	1/2"	4 1/8"
11-180	1/2"	2 1/2"	1/2"	4 3/8"
11-184	3/16"	1 1/4"	1/2"	2 1/2"
11-188	5/8"	1 1/4"	1/2"	2 1/2"

*Solid carbide

Up Spiral Router Bits

- Combines effective chip removal with a cut unmatched by standard straight bits.
- Computer-designed flutes provide chip removal required in production settings.
- Suited for cutting mortises and routing deep blind holes.



75-108

Application:

- Excellent for grooves and dadoes in all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
Double Flute				
75-100*	1/8"	1/2"	1/4"	2"
75-101*	3/16"	3/4"	1/4"	2"
75-102*	1/4"	1"	1/4"	2 1/2"
75-103*	1/4"	3/4"	1/4"	2"
75-104*	5/16"	1"	1/2"	3"
75-106*	3/8"	1 1/4"	1/2"	3"
75-108*	1/2"	1 1/4"	1/2"	3"
75-109*	1/2"	2"	1/2"	4"
75-202*	5/32"	5/8"	1/4"	2"
Triple Flute				
75-306*	3/8"	1 1/4"	1/2"	3"
75-308*	1/2"	2"	1/2"	4"

*Solid carbide