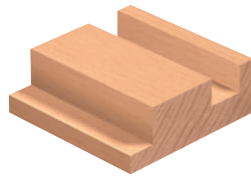
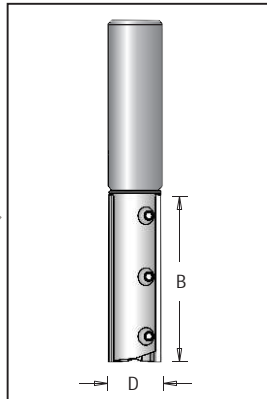


### Straight Bits (No Plunge)



This innovative newly developed type of tooling never requires sharpening and therefore tool diameter remains constant. Fully sharpened multiple cutting edges, rotated to expose new edges, are easily replaced when they become dull or chipped. Super-tough ultra-fine grain carbide inserts, featuring high performance & wear resistance. Durable CNC machined metal bodies have been redesigned for improved rigidity. Bits supplied in a protective box with the needed Key.

Highly recommended professional tools for CNC applications in order to get the best cut quality and longer lifetime of the replaceable tip.

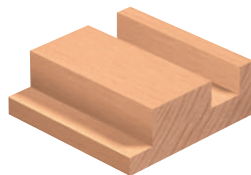
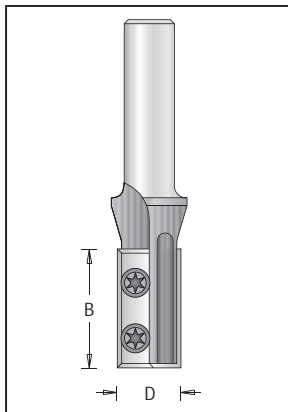
Tool no.	Knife #	D	Shank	B	Length	Flutes	Category
7RL8-10-1	3107510	3/8"	1/2"	3/4"	2 7/8"	1	I
7RL8-12-2	3107511	1/2"	1/2"	1 3/16"	3 1/8"	2	I
7RL9-16-2	3107511	5/8"	3/4"	1 3/16"	3 1/4"	2	I
7RW9-16-2	3107513	5/8"	3/4"	1 15/16"	4"	2	I
7RL9-19-3	3107511	3/4"	3/4"	1 3/16"	3 1/4"	3	I
7RW9-19-3	3107513	3/4"	3/4"	1 15/16"	4"	3	I

Replacement Parts:

- 1 Spring Washer 1962050 ; Screw # 1930350 \$0.54; Key # 1941020
- 2 Spring Washer 1962070 ; Screw # 1930360 \$1.15; Key # 1941020
- 3 Spring Washer 1962150 ; Screw # 1930370 \$0.54; Key # 1941020
- 4 Spring Washer 1962110 ; Screw # 1930370 \$0.54; Key # 1941020
- 5 Spring Washer 1962150 ; Screw # 1930370 \$0.54; Key # 1941020

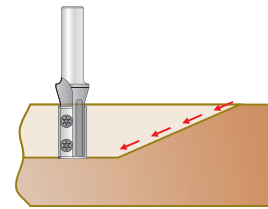
Replacement Knife:

- 3107510 - 19.5 x 5.5 x 1.1
- 3107511 - 29.5 x 5.5 x 1.1
- 3107513 - 49.5 x 5.5 x 1.1



### Straight Bits, No Plunge, 2 Flutes

Designed mainly for Side Routing. Penetration into the side of wood for Beading, Grooving or Slotting and Dado operations. Each knife has two useable cutting edges.



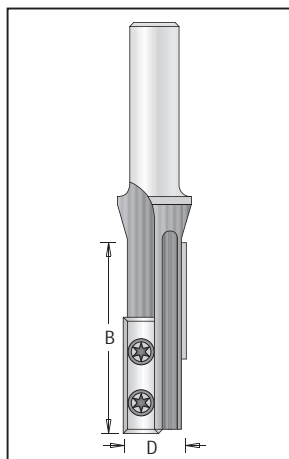
Tool no.	Knife #	D	Shank	B	Length	Category
7RL8-14M	L309	14mm	1/2"	30mm	3 3/8"	I
7RL8-16M	L309	16mm	1/2"	30mm	3 1/2"	I
7RL8-16	L309	5/8"	1/2"	30mm	3 1/2"	I
7RL8-18M	L301	18mm	1/2"	30mm	3 1/2"	I
7RL8-19	L301	3/4"	1/2"	30mm	3 1/2"	I
7RL8-20M	L301	20mm	1/2"	30mm	3 1/2"	I
7RL8-22M	L301	22mm	1/2"	30mm	3 1/2"	I
7RL8-22	L301	7/8"	1/2"	30mm	3 1/2"	I
7RL8-25	L301	1"	1/2"	30mm	3 1/2"	I

Replacement Parts:

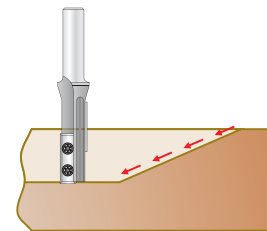
- (a) Torx Screw: 1933548
- (b) Torx Screw: 1931482
- (c) Torx Screw: 1933648
- Key T15: 1941015

Replacement Knife:

- L301 29.5 x 12 x 1.5
- L309 29.5 x 9 x 1.5



### Straight Bits, Staggered, No Plunge 2 Flutes



Tool no.	Knife #	D	Shank	B	Length	Category
7RW8-16M	L309	16mm	1/2"	50mm	4 1/4"	I
7RW8-16	L309	5/8"	1/2"	50mm	4 1/4"	I
7RW8-18M	L301	18mm	1/2"	50mm	4 1/4"	I
7RW8-19	L301	3/4"	1/2"	50mm	4 1/4"	I
7RW8-20M	L301	20mm	1/2"	50mm	4 1/4"	I
7RW8-22M	L301	22mm	1/2"	50mm	4 1/4"	I
7RW8-22	L301	7/8"	1/2"	50mm	4 1/4"	I

Replacement Parts:

- (a) Torx Screw: 1933548
- (b) Torx Screw: 1931482
- Key T15: 1941015

Replacement Knife:

- L301 29.5 x 12 x 1.5
- L309 29.5 x 9 x 1.5