

Multi-Sided Glue Joint Set

Item #8357

1) Adjust Bit Point Height to the proper setting using **Table 58A** below as a guide.

2) Adjust your router table fence so that the top edge of your stock (for 6 and 8-sided objects) is level with the height that the router bit intersects the fence face. This is most easily done looking down the side of the fence and holding a straightedge along the top of your stock (**see Figure 58**). The bottom edge of your stock will contact the fence (for 12 and 16 sided objects).

NOTE: By varying the bit point height, you can create objects that have a ribbed appearance vs. an aligned joint.

How Determine the Width of the Sides of Your Cylinder

After deciding upon the desired number of sides and diameter of your finished project, apply the appropriate formula below to determine the required **WIDTH** of each side.

- 6 Sided Object: Width = Outside Diameter / 1.7
- 8 Sided Object: Width = Outside Diameter / 2.4
- 12 Sided Object: Width = Outside Diameter / 3.7
- 16 Sided Object: Width = Outside Diameter / 5.0

You should cut each side a little bigger than needed (1/16" or so). This provides a margin of error and allows for finishing.

Figure 58

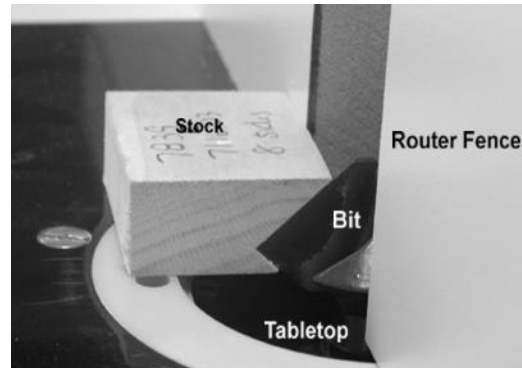
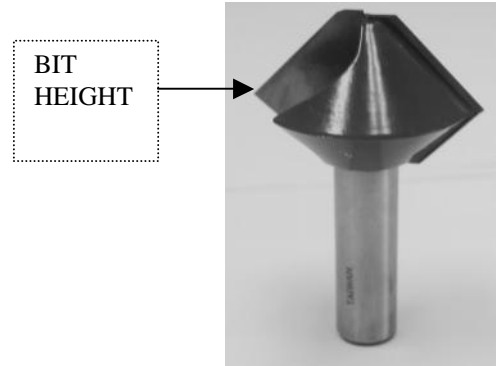


Table 58A

Bit #		1/2" Stock Thickness	3/4" Stock Thickness	Orientation
		Bit Point Height Settings	Bit Point Height Settings	
(Same Bit Does Both)	6 sided object	15/64"	3/8"	Run Outer Face Up
	12 sided object	13/32"	11/16"	Run Inner Face Up
	8 sided object	1/8"	7/32"	Run Outer Face Up
	16 sided object	29/64"	23/32"	Run Inner Face Up