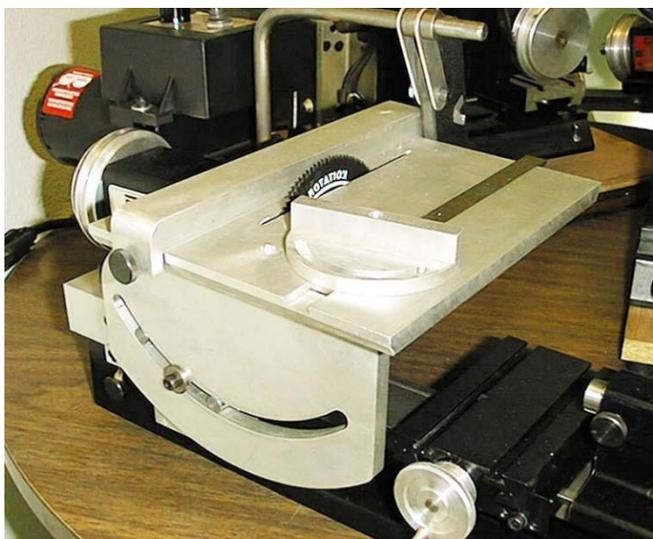


General Project 29—Sherline Table Saw Attachment/Carl Hammons



Carl's prototype table saw attachment features a tilting table and even a blade guard.

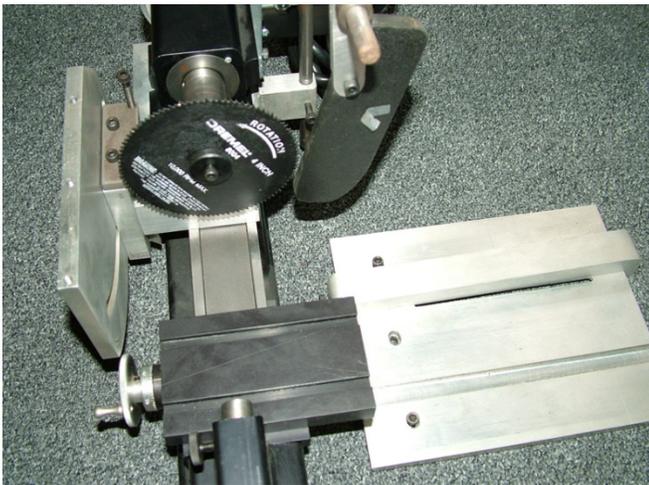
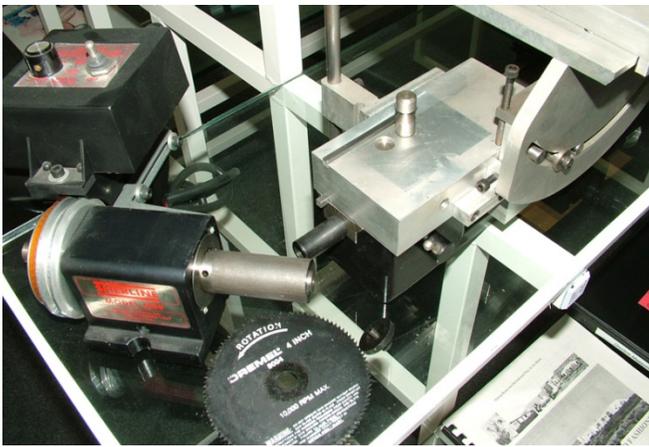
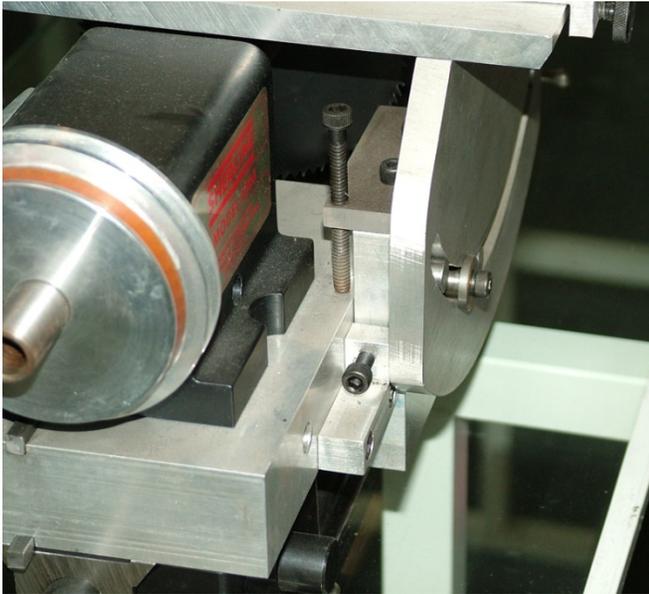
Over a decade ago, the late Carl Hammons, Joe's long-time partner in Sherline Products made a prototype for a table saw attachment with the idea of possibly adding it to the accessory line. Carl's design was a nice one, but it was determined to be too expensive to make for the small potential market that was seen for it. A complete imported benchtop table saw could probably be purchased for what Sherline would have to charge for such a specialized accessory. The original is still on display in Sherline's lobby, but once you see how it was done, perhaps you will want to make a similar one for your own lathe.

Dimensions and Description

The table itself measures 6-5/8" x 8" x 3/8" thick aluminum plate. The blade is a Dremel 4" #8004 sawblade rated for 10,000 RPM. The blade is spaced out from the headstock with a special 2-1/8" long mandrel that Carl made. The table has a 1/2" wide groove to accept a push guide with a rotateable head that can be angled. In addition, an edge guide made from 1" x 1" aluminum clamps to the table using a thumbscrew. Under the headstock is a custom riser block that is 1-1/4" thick with keyway slots matching the standard riser block. A Sherline headstock pivot pin (P/N 12990) is used in the riser block, and a 5/16-18 x 3/4" long cone point set screw (P/N 40540) is used in the riser to attach to the lathe pivot pin. Unlike on the 1297 riser block, the pivot pin is offset from the lower pin. The side plate with the radius groove for setting table angle is 3/8" thick. Two offset bushing assure the table rotates smoothly when the single locking screw is loosened. The vertical pin that holds the optional blade shield is attached to the back of the riser block.

The additional photos below will give you some more details, but there are probably some features you will want to make your own.

Continued, Page 2



The second photo shows the headstock removed so you can see the offset pin and the saw blade arbor. In the last photo the table is removed. It is held to the vertical tilting support using three 10-32 socket head cap screws. The moveable edge guide can also be seen on the table.