

Model 4S Standard Holdridge Radii-Cutter Model 4D Deluxe Holdridge Radii-Cutter



This is the most popular size of the Radii-Cutter line. Designed for 11 inch swing and larger lathes, the 4 inch Radii-Cutters can turn a maximum 4 inch diameter ball. Sockets of 4 inches diameter can be turned to radius depth, and by reversing the "C" yoke, shallow sockets of up to 12 inches in diameter can be turned. Center height of the Models 4S and 4D is 1 5/8 to 1 3/4 inches, and the tool can be shimmed to fit larger machines.

The Model 4S has everything necessary for turning balls, sockets, and certain corner radii. The Model 4D includes extra parts that make it more versatile. The Straight Spindle Yokes are used for turning concave contours on the perimeter of a workpiece, allowing the fabrication of parts such as pipe bending dies and tube rolling diesets. The degree-calibrated dial in the Model 4D allows the operator to more accurately

control the starting and stopping points of a cut, and the offset tool bit solves some clearance problems that are encountered while turning to a shoulder or doing deeper sockets. The Power Drive Unit and indexable tools are available for any of the Radii-Cutter models. Any of the parts for the Model 4D can be added to the Model 4S.

Model 4S Standard Radii-Cutter

Parts Included:

Frame and Handle
Durable plastic carrying case
"C" Yoke for 0-2" convex and 0-4" concave
Diameter contours
"C" Yoke for 2-4" diameter convex contours
Three carbide tipped tool bits
Parallel micrometer bar
Grinding fixture(for sharpening tool bits)
Tool Bits Support

Model 4D Deluxe Radii-Cutter

Includes all parts in the Model 4S plus these additional parts which greatly increase the versatility of the tool:

Dial calibrated in degrees
1/2" dia. Straight Spindle Yoke
3/4" dia. Straight Spindle Yoke
1 9/16" dia. Straight Spindle Yoke
30° or 45° Offset Tool Bit
Tool Bits for Straight Spindle Yokes