

MODEL # 6610-SC SHEAR CUT KNIFE

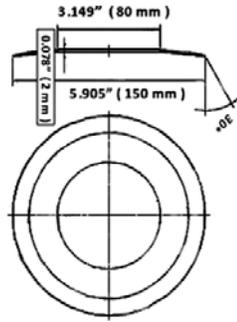
SHEAR CUTTING

BURRIS MACHINE COMPANY INC.
 PHONE: 828-322-6914 / FAX: 828-324-2793
 Website: burrismachineco.com

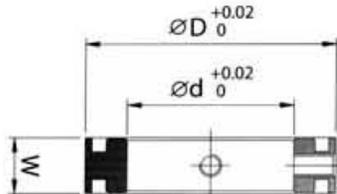


Blade Dimensions

★ Top blade



★ Bottom blade



OD	ID	width
90	60	20
105	80	30

6610-SC – Shear Cut Knife

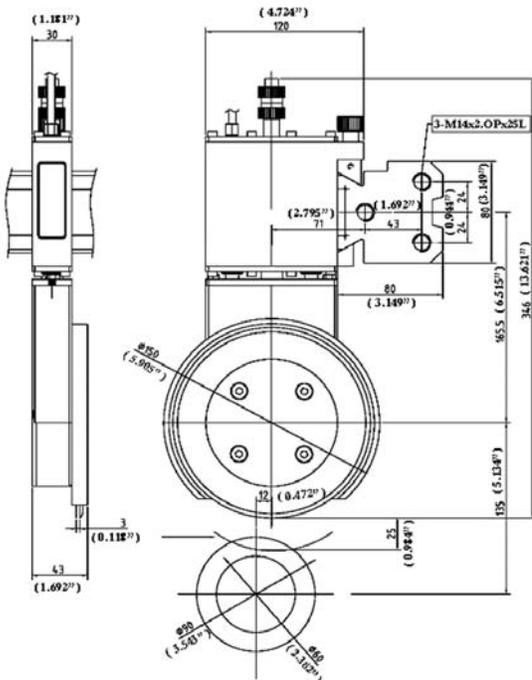
The **6610-SC** is the “heart of the line”. Its innovative design provides multiple adjustments, enabling high speed cuts of up to 3,200 feet per minute for a wide range of applications, and stability at lower speeds for difficult-to-cut items.

This hard-working shear knife holder has dual-action blade engagement with automatic side-shift of the male blade. The **6610-SC** has the advantage of being configured as a “right-cutting” or “left-cutting” knife holder. The web may be fed from either side as it also has cant angle adjustments for left or right cutting installations.

The **6610-SC**, with its rigid knife-holder construction and 150mm diameter top blade, provides the stability to slit difficult and thick material for many applications in a high-speed, shear slitting environment.

It has a very wide range of slitting applications in products such as paper, packaging film, plastic film, tape, fabric, non-woven fabric, and optical film.

Knife Holder Dimension Drawing

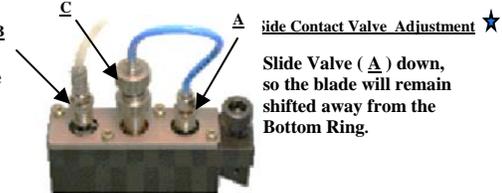


Main specification	
Min. slit width	40mm
Available stroke	25mm
Contact angle	3°(Max)
Max. slit speed	1000M/min
Max. air pressure	6kg/cm ²
Side contact stroke	3mm

Overlap Depth and Side Contact Adjustments

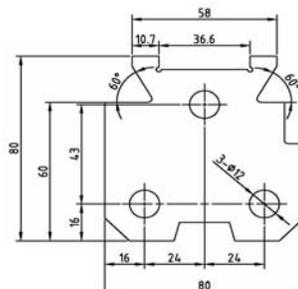
★ Depth Screw Adjustment

★ **Overlap Valve Adjustment B**
 Slide Valve (B) down so the blade carriage is extended toward the Bottom Ring.



★ **Side Contact Valve Adjustment**
 Slide Valve (A) down, so the blade will remain shifted away from the Bottom Ring.

Dovetail Dimensions 6002-GB



CANT Angle Adjustments

