Thank you for purchasing a Danray Products lathe chuck shield. This versatile and durable shield can be used in many machine applications. This quality-made, heavy-duty shield is proudly made in the United States of America.

Lathe chuck shields serve two basic functions: (1) they provide a safeguard between individuals and point-of-operation or rotating hazards, and (2) they protect individuals from flying chips, sparks, coolant, lubricant, and other particles. When applied properly, they will comply with applicable OSHA and ANSI safety standards. If turning is done beyond the chuck shield or if chips fly out from the open ends, additional shields or guards may be required. For additional shields, see our website or catalog.

The enclosed safety sign identifies and warns individuals against specific hazards. Our signs comply with OSHA 29 CFR 1910.145 and the ANSI Z535 series of standards for the design, application, and use of signs, colors, and symbols for accident prevention.
Assembling and Installing the Shield

The shield is usually mounted either on the front or back of the lathe in the vertical position. You may have purchased two shields (one for the front and one for the back).

The lathe chuck shield assembly includes the shield (three pieces), mounting bracket, hinges, bumpers, handle, fasteners, and a safety sign. To assemble, take all of the components out of the shipping container, remove all protective packaging, and lay them out as illustrated in the drawings below and on the next page. Assemble the three-piece shield and hinges using the fasteners provided. To make sure that all parts will align, don’t tighten the fasteners until the shield is completely assembled on the lathe.

**WARNING**

If you are mounting the shield to a surface that has internal components or liquid, be careful not to drill through this surface because it may cause electric shock, leakage, or damage.

Illustrated Below: Shield Assemblies SHD-6116L and SHD-7416L
Illustrated Below: Mounting Bracket Assembly

BLT-386H
1/4"-16 x 1 1/2" HEX-HEAD CAP SCREW (4)

HEX-HEAD CAP SCREW (4)

WSH-38F 1/4" FLAT WASHER (4)
WSH-38L 1/4" LOCK WASHER (4)
HUT-381L 1/4"-16 LOCK NUT (4)

BLT-50125H
1/2"-13 x 1 1/4" HEX-HEAD CAP SCREW (4)

WSH-12L
1/2" LOCK WASHER (4)
WSH-12F
1/2" FLAT WASHER (4)

HNG-102
HINGE (2)

BKT-206
MOUNTING BRACKET

CUT TO LENGTH, IF NEEDED

WSH-38F 3/8" FLAT WASHER (4)
WSH-38L 3/8" LOCK WASHER (4)
NUT-381L 3/8"-16 LOCK NUT (4)
One LBL-005 sign is included with every shield assembly. Affix this sign to a prominent location on the machine so that it is easily seen and understood by individuals in the hazard area. Additional signs for other machinery and equipment are available as well as polycarbonate sign backings; contact us by phone, fax, e-mail, or online.