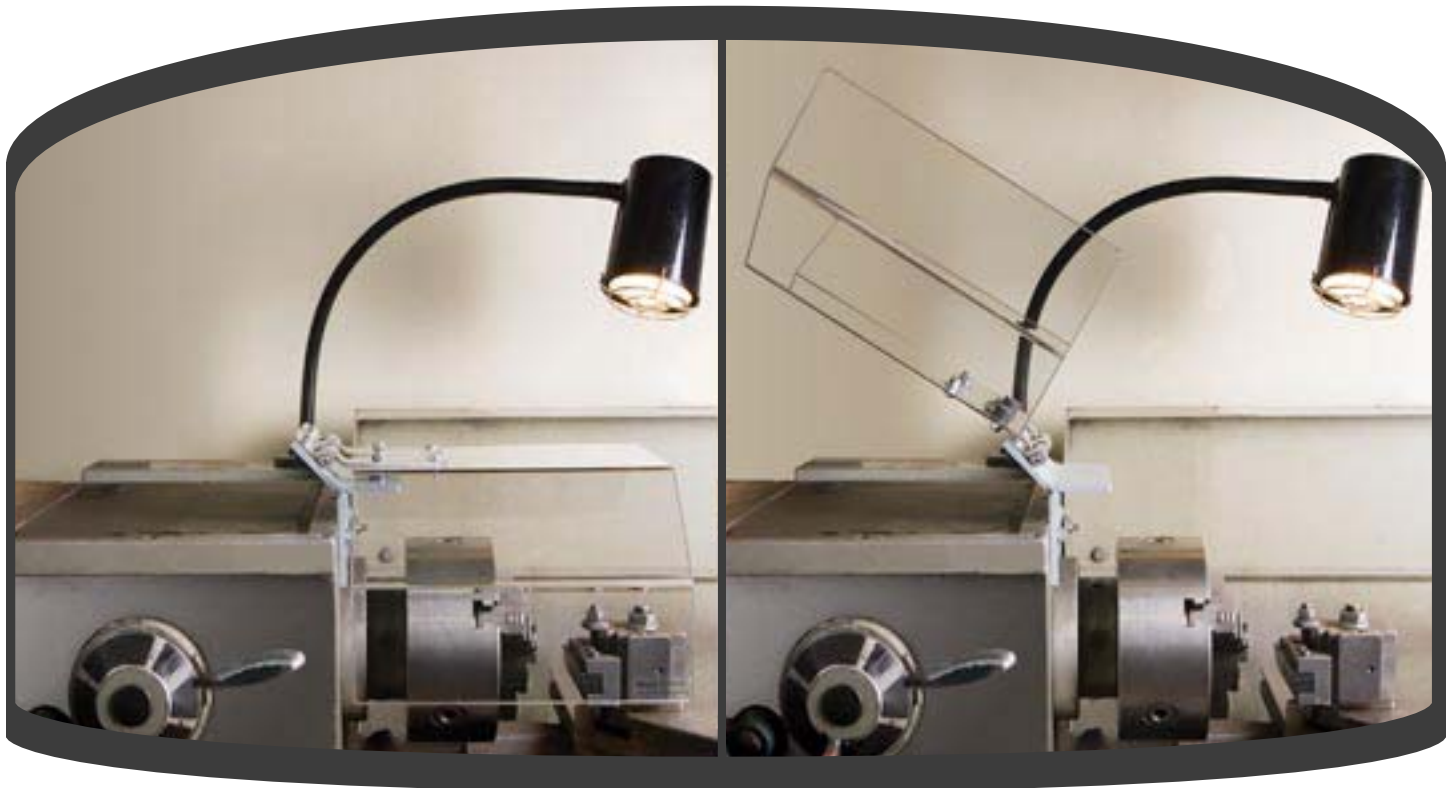


Lathe Chuck Shield Instruction Manual

DANRAY Products LLC
MACHINE SAFEGUARDS AND ACCESSORIES



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 protect people from the rotating chuck, flying chips, coolant, 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 chips fly out from the open end, additional shields or guards may be required.

Safety signs identify and warn against specific hazards. Our signs comply with the ANSI Z535 series of standards for the design, application, and use of signs, colors, and symbols for accident prevention.

TF 1.866.482.6807 / P 815.262.6667 | 11859 Deacon Drive, Rockton, Illinois 61072-9411 | www.danrayproducts.com / service@danrayproducts.com

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Manual No. MAN-004

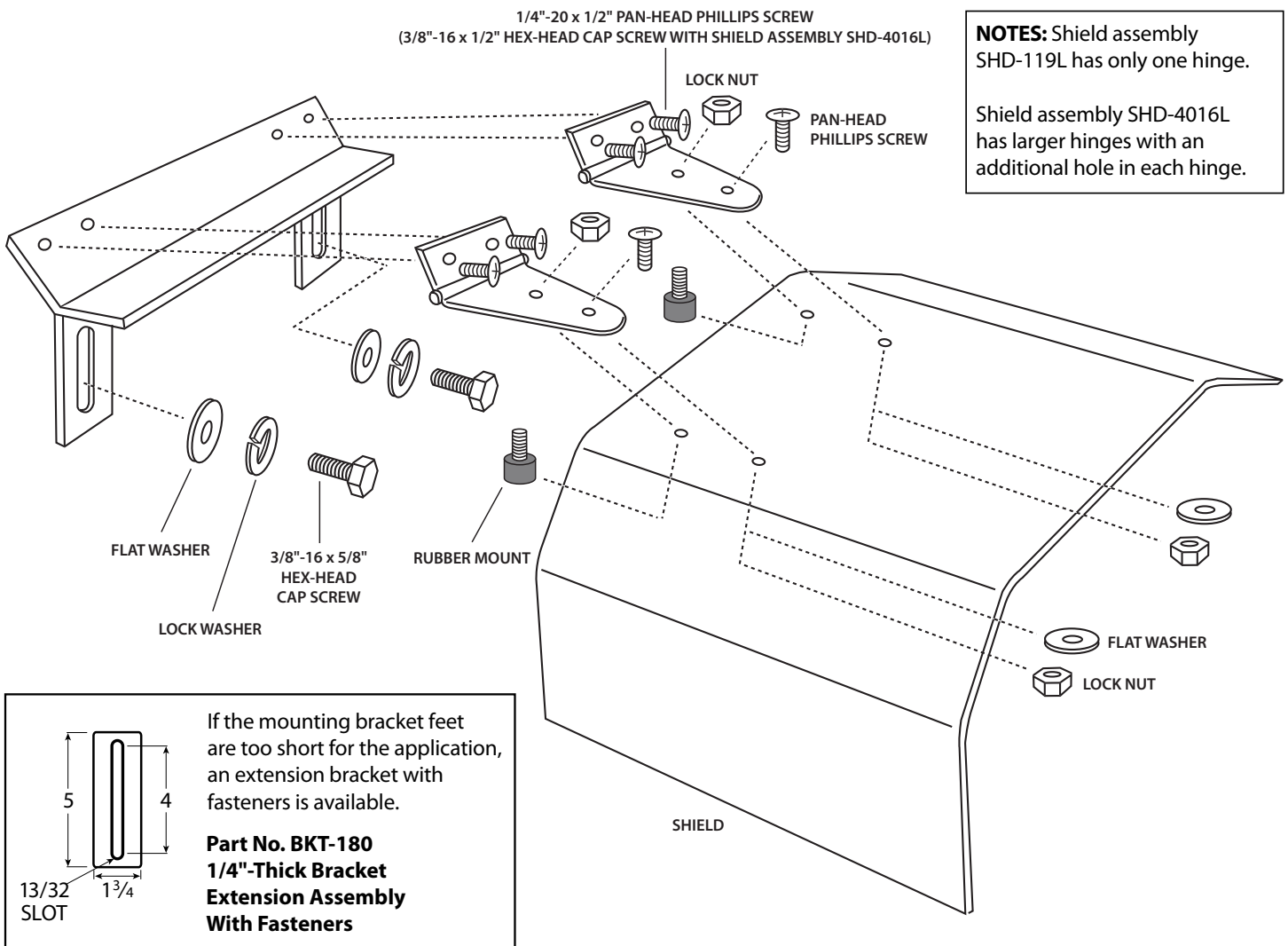
Assembling the Shield

The lathe chuck shield includes the shield, mounting bracket, hinge(s), bumper(s), and fasteners. To assemble, take all of the above components out of the shipping container and lay them out on bench as illustrated in the drawing below. Assemble the shield to the bracket using the fasteners provided. To make sure that all parts will align, do not tighten the fasteners until the shield is completely assembled.

After the shield is assembled and ready to mount to the lathe, hold the shield up to the face of the lathe headstock to spot the hole(s). After spotting the hole(s), drill and tap 3/8"-16 hole(s) in the face of the lathe. The bolt(s) furnished are 3/8"-16 x 5/8" long.

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

Illustrated Below: Shield Assemblies SHD-1812L, SHD-2312L, and SHD-2914L.



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Cleaning and Maintenance of the Shield

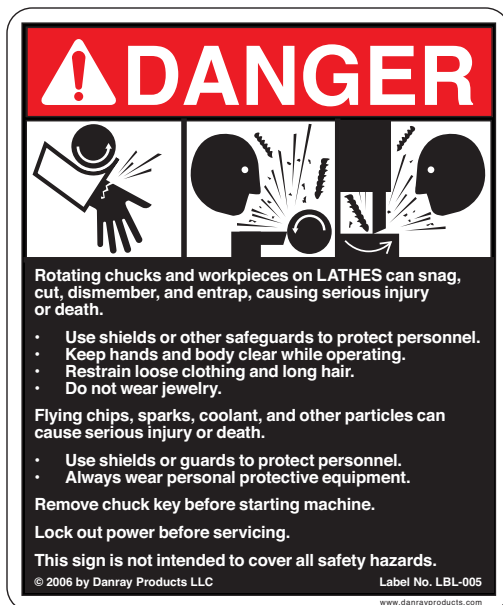
The shield itself is made of a polished, UV-stabilized polycarbonate. To clean the shield, thoroughly rinse it with warm water using a soft cloth or sponge. Then wash it with mild soap or detergent (such as Formula 409, Top Job, Joy, Palmolive Liquid, or Windex D with Ammonia D) and rinse it thoroughly with clean water. To prevent water spots, dry the shield with a chamois or moist sponge. Avoid cleaning the shield in direct sunlight to prevent streaking.

CAUTION

Do not use abrasive cleaners or harsh solvents for cleaning; this may damage the polycarbonate shield.

Replacement Shields Only

Part No.	Description
RSO-119L	Replacement Shield 9" L x 5" H x 3/16" Thick
RSO-1812L	Replacement Shield 12" L x 7½" H x 3/16" Thick
RSO-2312L	Replacement Shield 12" L x 7½" H x 3/16" Thick With Rear Angle
RSO-2914L	Replacement Shield 14" L x 7½" H x 3/16" Thick With Rear Angle
RSO-4016L	Replacement Shield 15⅞" L x 14" H x 3/16" Thick With Rear Angle



Label No. LBL-005

One LBL-005 lathe sign is included with every shield assembly. Affix this label to a prominent location on the machine so that it is easily seen and understood by operators and people in the machine area. Additional signs for grinders, saws, milling machines, drilling machines, etc., can be purchased by contacting us by phone at 1.866.482.6807 (toll-free) or 815.262.6667, by fax at 815.282.5186, by e-mail at sales@danrayproducts.com, or through our online store at www.danrayproducts.com.