



GO THE DISTANCE.

E-HITCH

INDUSTRIAL E-HITCH SPECIFICATIONS



Weight:
16.1 lbs.

Patent pending



A dependable coupler system designed for airport ground support and industrial material handling applications.

These products are designed for airport ground support and material handling equipment and are not certified or tested for over-the-road use.

EH-20, EH-40, AND EH-60 ASSEMBLY

IMPORTANT SAFETY INFORMATION

1. Do not modify or add to the product.
2. Wear safety goggles during installation and removal.
3. Never strike any part of the item with a steel hammer.
4. Do not weld on this product.
5. Maintain adequate vertical (tongue) load to adequately control the trailer, but do not exceed the capacity ratings at right.
6. This equipment must not be used or maintained in a careless manner.

DURING OPERATION

1. Be sure the drawbar size is compatible with the coupling device on the tow vehicle.
2. Do not damage the coupling components. Be particularly careful during coupling and uncoupling.
3. Inspect the coupling device on the tow vehicle for proper operation. Do not use any coupling device that does not operate properly.
4. Other steps and inspections are also required. Consult OSHA and D.O.T. regulations for complete coupling and uncoupling procedures.

GENERAL INFORMATION:

These products are covered by Holland's Commercial Products Warranty. Holland reserves the right, without giving prior notice, to change specifications and dimensions as designs are altered or improved.

E-HITCH SPECIFICATIONS:

EH-20.....500 lb. Maximum Vertical Load
20,000 lb. Maximum Gross Trailer Weight

EH-40.....500 lb. Maximum Vertical Load
40,000 lb. Maximum Gross Trailer Weight

EH-60.....500 lb. Maximum Vertical Load
60,000 lb. Maximum Gross Trailer Weight

DRAWBAR EYE DIMENSIONS:

1.25" to 3" I.D. with up to a 1.63" diameter section.

MOUNTING:

EH-20.....Four 1/2" grade 8 fasteners, properly tightened. The recommended minimum torque for 1/2" fasteners is 60 ft-lbs. per SAE J429.

EH-40.....Two 1/2" and two 5/8" grade 8 fasteners, properly tightened. The 5/8" fasteners are installed in the lower two holes. The recommended minimum torque for 5/8" fasteners, is 100 ft-lbs. per SAE J429.

EH-60.....Two 1/2" and two 3/4" grade 8 fasteners, properly tightened. The 3/4" fasteners are installed in the lower two holes. The recommended minimum torque for 3/4" fasteners is 200 ft-lbs. per SAE J429.

⚠ WARNING

DO NOT use E-Hitch with a bent hitch pin, broken spring, retaining roll pin or any other damage that will prevent E-Hitch from coupling properly.

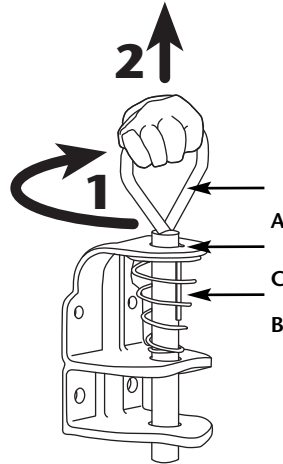
Using a damaged E-Hitch may result in death or serious injury from an unintended uncoupling during towing.

OPERATING INSTRUCTIONS

A. Before operating inspect for proper operation, worn, damaged, or missing parts, and a secure mounting. Correct as required before use.

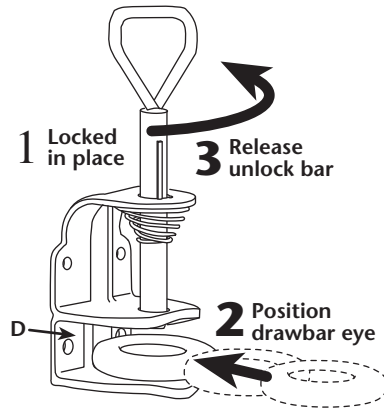
B. To open the E-Hitch:

1. Grasp and turn the handle (A) until the unlock bar (B) lines up with the key hole (C) in the top of the frame.
2. Pull up on the handle until the unlock bar clears the top of the frame.
3. Then, rotate the handle 90° so that the unlock bar can rest on top of the E-Hitch frame.



C. Position the drawbar eye in the bottom opening (D) of the E-Hitch. Align the eye of the drawbar under the pin.

- 1 Locked in place
- 2 Position drawbar eye
- 3 Release unlock bar
- D
- D. To close, pull up slightly and rotate the handle until the unlock bar lines up with the keyhole in top of the frame. Release the handle to allow the pin to drop into place — locking the drawbar in the E-Hitch frame. Finally, turn the handle 180° and position the unlock bar at the back of the E-Hitch to ensure it remains engaged.

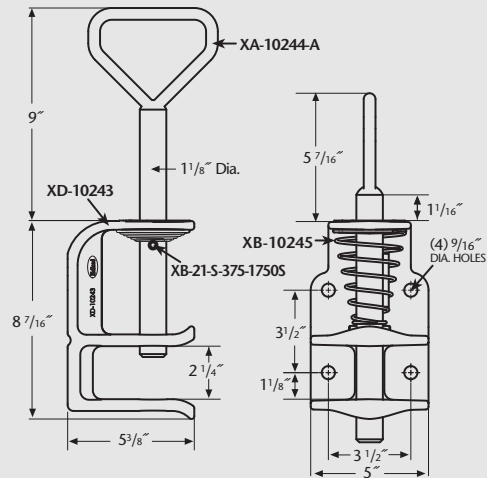
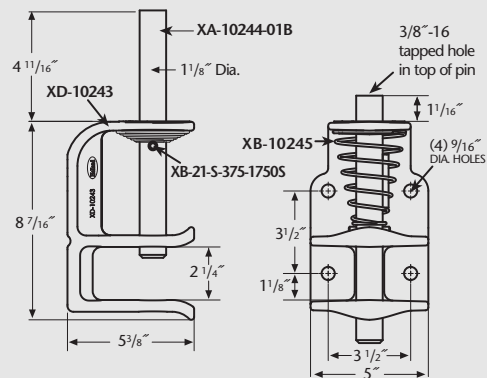
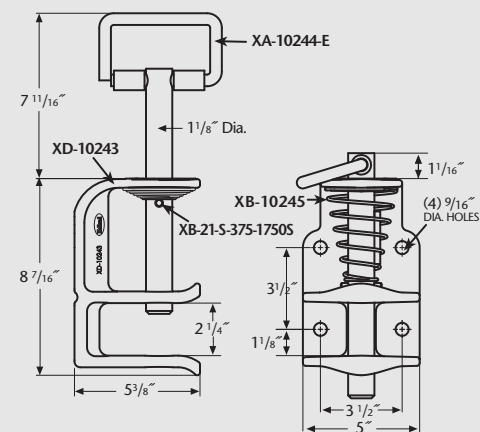


NOTE: For those who are using the remote operation (without either handle), there is no unlock bar (B).

MAINTENANCE:

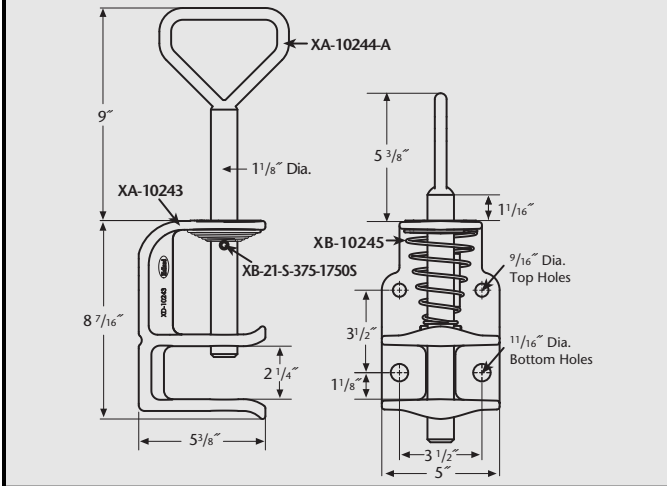
For proper performance, every 3 months, perform the following:

- A. Clean and check for proper operation. Inspect for worn, damaged, or missing parts. Replace as required using only Holland parts.
- B. Inspect, in particular, the coupling contact area. Replace when wear exceeds 1/8" (.125") from the original surface profile of 1 1/8" diameter.
- C. Regularly lubricate all pivot points with a light oil lubricant.
- D. Check mounting fasteners for proper torque.

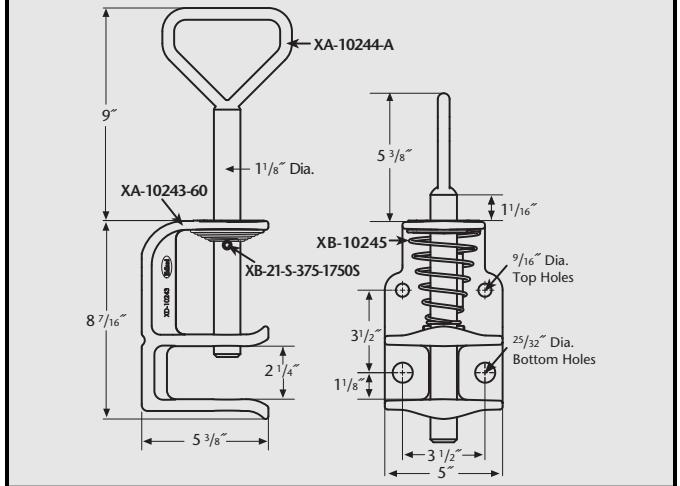
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EH-20RP12 (individually boxed)

EH-20RP21 (no box)
EH-20RP22 (individually boxed)

EH-20RP31 (no box)
EH-20RP32 (individually boxed)


ALL DIMENSIONS SHOWN ARE NOMINAL

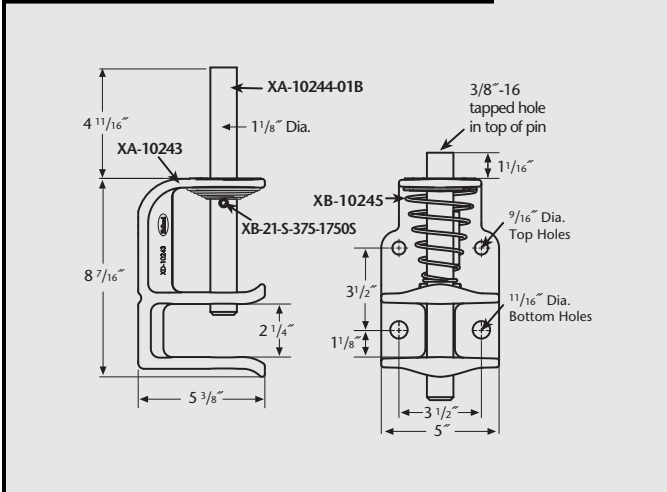
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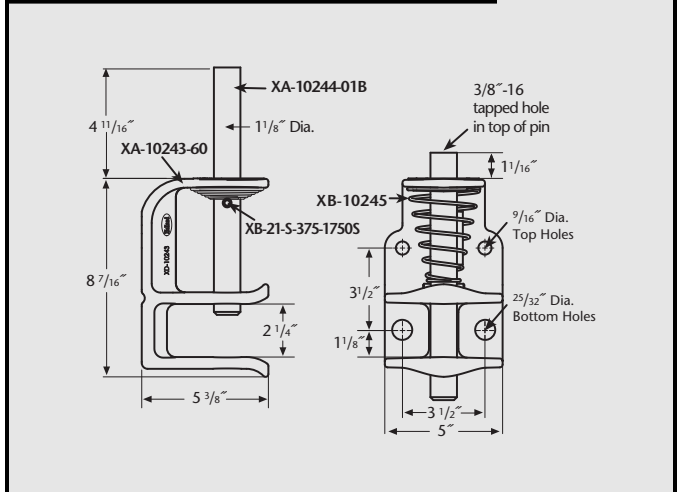
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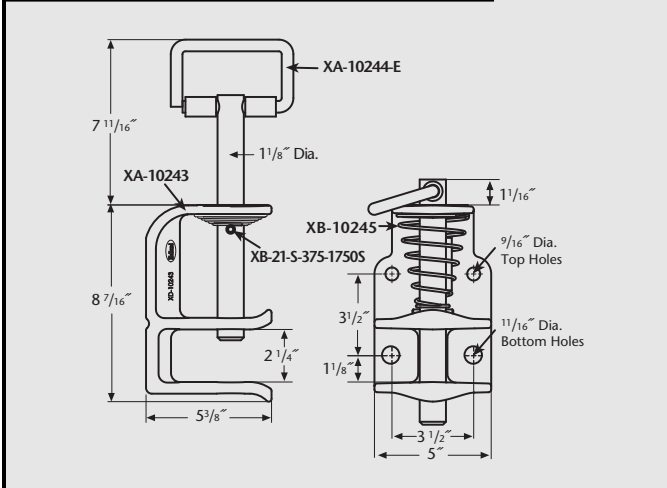
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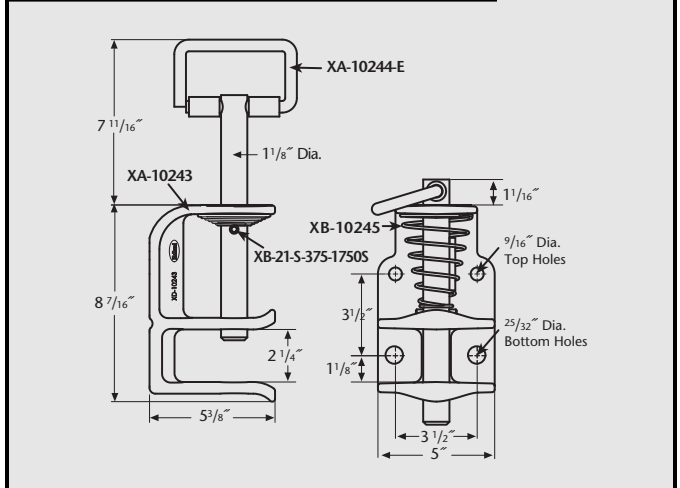
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EH-40RP31 (no box)
EH-40RP32 (individually boxed)



EH-60RP31 (no box)
EH-60RP32 (individually boxed)



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