

PEMKO  
DSHP01  
DOUBLE SWING CONTINUOUS GEARED HINGE

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PRE-INSTALLATION NOTE: FOLLOW THE FRAME MANUFACTURER’S INSTRUCTIONS  
FOR PROPER FRAME REINFORCEMENT.

1. On the hinge jamb side, scribe a line at the top and bottom 1 5/8" from the frame face. This will be the reference edge for the DSHP01 hinge (see drawing on back for details).  
  
NOTE: The frame leaf is cut 1/8" longer than the door leaf at the top; this is to allow clearance for the door to swing freely.
2. Hold the frame portion of the hinge tight against the frame header, aligning the edge of the hinge with the top and bottom scribed marks.
3. Block or wedge the gap at the bottom of the hinge to help hold the hinge in place.
4. Once aligned, mark the top and bottom holes on each side of the frame leaf; then drill a pilot hole in the four locations with drill angled towards center of door using:
  - a) No. 15 drill bit for 16 gauge metal frames or
  - b) No. 13 drill bit for 12-14 gauge metal frames

If hollow metal frame is reinforced, thread all holes with 12-24 tap.

NOTE: To help with alignment you may install one #12-24 x 1/2 x #8 FH self-tapping security Torx screw fastener to the top of the hinge using a T-25 Torx bit before marking the other three holes.

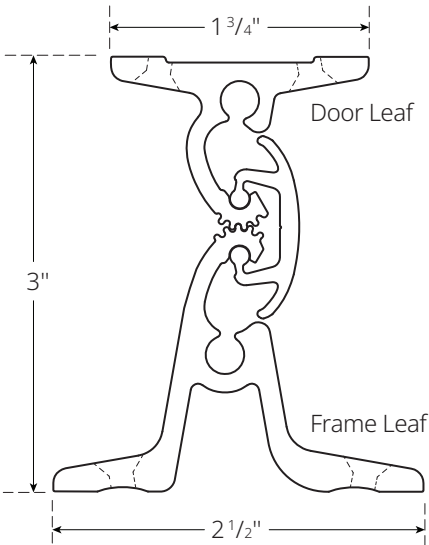
5. Once the four holes are located and drilled, remove the hinge from the frame.
6. Place the door leaf portion of the hinge on the hinge edge of the door, keeping the top of the hinge flush with the top of the door.
7. Mark a few holes to get started at the top and bottom of the door.
8. Pre-drill using a drill bit per Drill Size Chart to the right.

Ensure drill bit length is not long enough to allow drill bit to go through face of door.

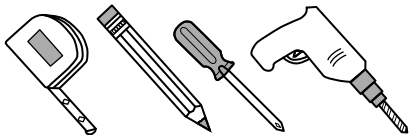
9. Install screws to attach hinge to door using T-25 driver:
  - a) For wood doors - install #12 x 1 1/2 x #8 FH security Torx screws
  - b) For metal doors - install #12-24 x 1/2 x #8 FH self-tapping security Torx screws

Complete the installation of all the fasteners in the door.

10. Once the hinge is attached to the door, place the door in the opening and wedge into place.
11. Install the four fasteners in the previously drilled frame holes using T-25 driver (outlined in step 4 above). Check alignment and gaps. Adjust if necessary.
12. Complete installation of the remaining #12-24 x 1/2 with #8 FH self-tapping security Torx screws.



Tools Required



Drill Size Chart

MATERIAL	THICKNESS	DRILL SIZE
ALUMINUM	0.090-0.140	13
METAL	20 GAUGE	17
METAL	16-18 GAUGE	15
METAL	12-14 GAUGE	13
WOOD	N/A	5/32"

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## DSHP01 with ERS

### DSHP01 Double Swing Hinge & ERS Emergency Release Stop

\* DSHP01 available in left and right handing, left hand shown as reference

#### Mounting ERS to Frame Detail

