



## PRODUCT SPECIFICATIONS

For more information visit [www.hagerco.com](http://www.hagerco.com)

# 780-112LL

Concealed Leaf With Half Drill Quick and Half Wood fasteners Lead Lined Heavy Duty Profile Only

### Applications

Lead lined model for hospital x-ray room doors with double row of fasteners to straddle lead (specify "LL")  
Frame and door leaf alignment ribs for proper hinge and door location



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#### Clearance:

5/16" (8 mm) hinge side  
Plus standard lockside clearance

#### Door Reinforcement:

None required to 200 lbs. Heavier weight use 16-gauge channel.

#### Electric Modifications:

Power Transfer Preparation (EPT 2) or (EPT 10),  
Exposed Electric Contacts (E),  
Exposed Electric Switches (E1S),  
Electric Through-Wire (ETW),  
Electric Monitoring (EMN),  
Electric Through-Wire and Monitoring (ETM)

#### Fasteners:

Standard: 1/2 Dril-Kwik® Screws, 1/2 wood Screws  
Optional: Dril-Kwik® – #12-24 X 11/16" Flat Head Screws  
Additional Options Available upon request

#### Features:

Standard duty for medium frequency doors. Heavy duty for high frequency doors or heavy, medium frequency doors.  
Lead lined model for hospital x-ray room doors with double row of fasteners to straddle lead (Specify "LL")  
Frame and door leaf alignment ribs for proper hinge and door location

#### Finishes:

CLR, DBZ, BLK

#### Fire Rating:

Up to 3-hour metal and 90 minute wood composite (with studs)

#### Firmware Upgrades:

Up to 3-hour metal and 90 minute wood composite (with studs)

#### Flattened Round Bolt Head:

Up to 3-hour metal and 90 minute wood composite (with studs)

#### Flattened Square Bolt Head:

Up to 3-hour metal and 90 minute wood composite (with studs)

#### Frame Reinforcement:

None required to 200 lbs. Heavier weight use 16-gauge channel.

#### Length:

79", 83", 85", 95", 119"

#### Length Options:

Standard and Custom

#### Material:

Aluminum 6063-T6

#### Max Door to Floor Clearance:

Aluminum 6063-T6

#### Max Drop:

Aluminum 6063-T6

#### Maximum Astragal Overlap:

Aluminum 6063-T6

#### Notes:

EPD: Roton Continuous Hinges Environmental Product Declaration

#### Options:

Hospital Tip  
TIPIT® (see Roton accessories)

#### Warranty:

All Roton products have a lifetime warranty. When ordering electric Roton, the electric portion of the hinge has a one-year warranty.