

## 780-053HD

Heavy Duty  
Half Surface Hinge

**Application:**

- Frame leaf alignment rib for proper hinge location
- Security moldings
- 1/8" (3 mm) inset



### PRODUCT SPECIFICATIONS

**CLEARANCE:**

- 5/32" (4 mm) minimum recommended hinge side
- Plus standard lockside clearance

**FASTENERS:**

- 1/4-20 x 1-1/4" Sexbolt (Screw + Post)
- #12-24 X 11/16" Flat Head Self-Drill Screws

**LENGTH OPTIONS:**

- Standard and Custom

**DOOR REINFORCEMENT:**

- None required

**FRAME REINFORCEMENT:**

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

**FIRE RATING:**

- Up to 3 hr. metal and 90 min. wood composite (with studs)

**WARRANTY:**

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

**MATERIAL:**

- Aluminum 6063-T6

**ELECTRIC MODIFICATIONS:**

- Power Transfer Preparation (EPT 2) or (EPT 10)

### PRODUCT SIZE OPTIONS

LENGTH (INCHES)	LENGTH (MM)	SEX BOLTS (DOOR)	PAN HEAD (DOOR)	SCREWS (JAMB)
79	2007	8	17	15
83	2108	8	19	19
85	2159	8	19	19
95	2413	10	19	20
119	3023	12	23	23