

780-046HD

Heavy Duty
Half Surface Hinge

Application:

- Frame leaf alignment rib for proper hinge location
- Complete frame rabbet coverage for 1-3/4" (45 mm) frames, with 1-3/8" (35 mm) doors
- Security moldings
- 9/32" (7 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 weight 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)

EPD:

- [Roton Continuous Hinges Environmental Product Declaration](#)

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