

## 780-210HD

Heavy Duty  
Full Surface Hinge

### Application:

- Can be used with any door and frame material
- Security moldings
- 1/32" (1 mm) inset



### PRODUCT SPECIFICATIONS

#### CLEARANCE:

- 1/32" (1 mm) minimum recommended for hinge side
- Plus standard lockside clearance
- 1-5/8" (41 mm) minimum frame face required plus 3/16" (5 mm) rotational 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

### PRODUCT SIZE OPTIONS

LENGTH (INCHES)	LENGTH (MM)	SEX BOLTS (DOOR)	PAN HEAD (DOOR)	SCREWS (JAMB)
79	2007	8	17	17
83	2108	8	19	19
85	2159	8	19	19
95	2413	9	19	19
119	3023	10	23	23