



## PRODUCT SPECIFICATIONS

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# 780-210HD

Full Surface Heavy Duty

### Applications

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



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### 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

### Door Reinforcement:

None required

### Fasteners:

Standard: 1/4-20 x 1-1/4" Sexbolt (fastener + Post)  
Standard: 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.  
Can be used with any door and frame material  
Security molding  
1/32" (1 mm) inset

### Finishes:

CLR, DBZ, BLK

### Fire Rating:

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

### 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.