



BEHAVIORAL SAFETY PRODUCTS

SAFE → AESTHETIC → FUNCTIONAL

LIGATURE RESISTANT CONTINUOUS GEAR HINGE— MORTISE MOUNT

#DH431

APPLICATION

1-3/4" Door, 1/8" Inset, One leaf shorter

SPECIFICATIONS

Clearance

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

Fasteners

Pin head, torx, tamper resistant fasteners

Length Options

Standard and Custom

Door Reinforcement

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

Frame Reinforcement

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

Fire Rating

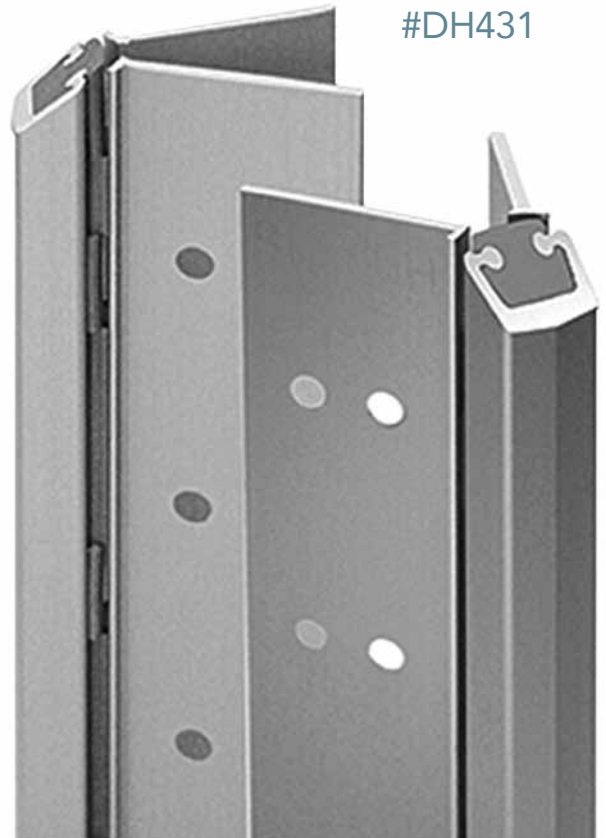
Up to 3 hour metal and 90 minute wood composition (with studs)

Warranty

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

Material

Aluminum 6063-T6



PRODUCT SIZE OPTIONS

| Length (inches) | Length (cm) | Hole Count (Door) | Hole Count (Jamb) |
|-----------------|-------------|-------------------|-------------------|
| 79 | 200.7 | 15 | 15 |
| 83 | 210.8 | 19 | 19 |
| 95 | 241.3 | 19 | 19 |