

300 Series Pin & Barrel Type Continuous Stainless Steel Hinges

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 600 lbs. 4' 0" maximum door width
- Material to be 14 gauge stainless steel
- .187" diameter stainless steel pin (rod)
- Exterior barrel diameter .438" (7/16")
- Each knuckle 2", including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: US32D Satin Stainless Steel (630)
Optional Finish: US32 Bright Stainless Steel (629), Scratch-Resistant Powder Coated Paint.
- All hinges shall be furnished with manufacturer's recommended hardware pack per specific model application
- Must be able to carry Warnock Hersey Int. or UL for fire rated doors and frames up to 3 hours
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 1
- Symmetrically templated hole pattern

Note: 10-Year Warranty on all Continuous Pin & Barrel Hinges
25-Year with Medical Bearings

Note: Fire label for doors and frames should be placed on the header and top rail of fire rated doors and frames

FM300 Edge Mount Security Hinge

Standard Features

Barrel Type Hinge

.187" diameter stainless steel pin (rod)
Flanged nylon bearings

Material

Heavy-duty 14 gauge stainless steel

Finishes

US32D Satin Stainless Steel (630)

Standards

ANSI/BHMA Standard A156.26
Grade 1

Mounting Hardware

Fasteners concealed when door is closed
Universal screw pack provided

Capacity

Supports weights up to 600lbs.
4'0" maximum door width

Standard Sizes

6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern

Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Handing required for 6'8" and 7'2" and for most optional features listed

Fire Rating

3 hours- hollow metal doors
90 minutes- hollow metal and composite core wood fire doors
20 minutes- wood doors



Classified in accordance with UL10C for positive pressure



Fire-rated label

Optional Features

Finishes

Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

Other Features

Custom lengths- specify in inches
Custom hole pattern

Dutch door hinges- suffix "DDP"

Hospital tips - suffix "HT"

Raised barrel - suffix "RB"

Special sheared leaf

Electrical Modifications

Current Transfer Prep - suffix "CTP"

Adjustable monitoring switch - suffix "AMS"

Electrical Transfer Access Prep - suffix "ETAP"

ElectroLynx™

EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)

This edge-mounted pin & barrel hinge is used on many of today's high traffic, high abuse doors. The hinge works well in locations that would normally call out for anchor hinges, pivot reinforcement hinges or thrust pivot unit and hinge sets. This hinge saves on special door and frame preparation charges and makes the installer's job easier. It can be used on both fire labeled and non-labeled openings.

