

FM-300 and FM-344

Stainless Steel Edge Mount Security Hinges



Continuous hinges fit the full height of a door therefore supporting the doors weight along its full length improving the life expectancy of the application, particularly in high traffic or dense applications.

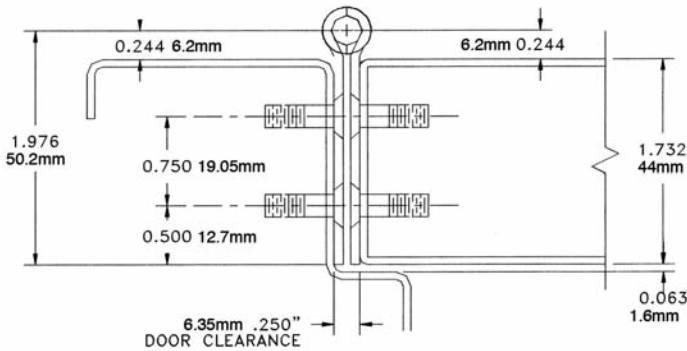


Key Benefits

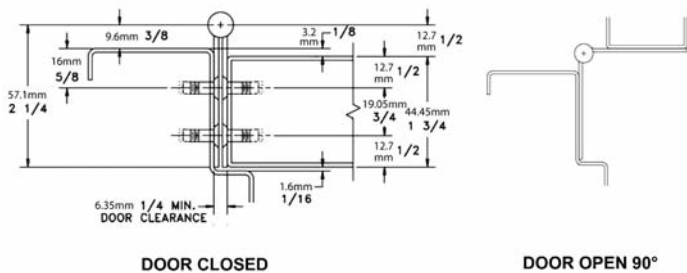
- The hinges work well in locations that use anchor hinges, pivot reinforcement hinges or thrust pivot unit and hinge sets
- Suitable for use on timber and steel doors
- Available with 'hospital tip'
- Ideal replacement for 'butt' hinges where 'door sag' is a problem

Dimensions

FM-344



FM-300



Specifications

- Material:** Heavy-duty 14 Gauge 304 stainless steel.
Finishes: US32D Satin stainless steel (630).
Cycle Testing: Independently tested to 1 million cycles.
Mounting Hardware: No exposed mounting fasteners when closed. Universal screw pack.
Capacity: Supports weights up to 272kg (600lbs). 1219mm (48") maximum door width.
Stock size: 2133mm (84"). Can be cut to length.
Hole Pattern: Symmetrically templated. Non-handed.
Barrel Type Hinge: 6.35mm (1/4") diameter stainless steel pin.

Optional Features

- Finishes:** US32 Bright polished stainless steel (629). Scratch-resistant powder coated paint, 84 standard colours.
Other Features: Custom lengths – specify in inches/mm. Custom hole pattern. Hospital tips - suffix hinge "HT".

Fire Rating Information



- 30 minutes:** Wood doors (FM-344).
1 hour: Wood doors (FM-300). Successfully independently tested by Warrington Fire Research to BS EN 1634-1:2000.

Note: *Self-adhesive intumescent strips must be fitted to each blade of the hinge to conform to the fire test requirements as specified in the codes below.*

- 3 hours:** Hollow metal doors mounted singly.
90 minutes: Hollow metal and composite core wood fire doors.
20 minutes: Wood doors. Fire-rated label.



Ordering Codes

- FM300-84"** FM-300 Hinge, 2133mm (84") long.
3001SA-50-500 Intumescent strip for FM-300 & FM-3500 Hinges. 50mm wide, 500mm long.
3001SA-50-2000 Intumescent strip for FM-300 & FM-3500 Hinges. 50mm wide, 2000mm long.
FM344-84" FM-344 Hinge, 2133mm (84") long.
3001SA-44-500 Intumescent strip for FM-344 Hinge. 44mm wide, 500mm long.
3001SA-44-2000 Intumescent strip for FM-344 Hinge. 44mm wide, 2000mm long.