



4-1/2FM-ICS INSTITUTIONAL HINGES

Description

Institutional hinges are investment-cast, detention strength, full-mortise hinges for hollow metal doors and frames.

Application

Model 4-1/2FM-ICS Hinges are suitable for any detention door. Integral studs on each leaf add to abuse-resistance.

CAUTION: For inmate safety, cell doors should swing out, placing exposed hinge surfaces away from the inmate.

Standards Compliance

4-1/2FM-ICS:

ANSI/National Association of Architectural Metal Manufacturers (NAAMM) Standard HMMA 863-96 requiring the hinge to withstand 200 blows of 200 ft. lbs. each.

4-1/2FM-ICS hinges comply with requirements of NFPA 80.

Standard Features

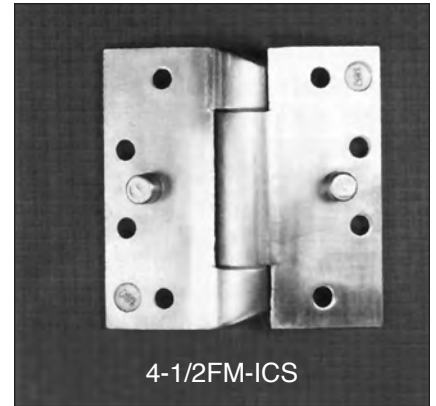
- **Investment-cast hinge leaves** – 4-1/2FM-ICS, investment-cast stainless steel with 15/32" diameter, 1/2" long studs on each leaf. Studs anchor the hinge to door and frame, and provide support even if screws are sheared.
- **Non-removable fully concealed pins** – Prevents tampering or removal.

- **Tamper-resistant mounting screws** – Eight 1/4-20 x 1/2" flat head stainless steel screws are provided in US32D.
- **Hospital tips** – Tapered barrel ends for inmate safety.
- **Permanent lubrication** – Eliminates field maintenance.
- **Reversible** – Non-handed. Screw hole locations conform to industry standards (ANSI A156.7).
- **Heavy door capacity** – Three hinges support a 300 lb. door.

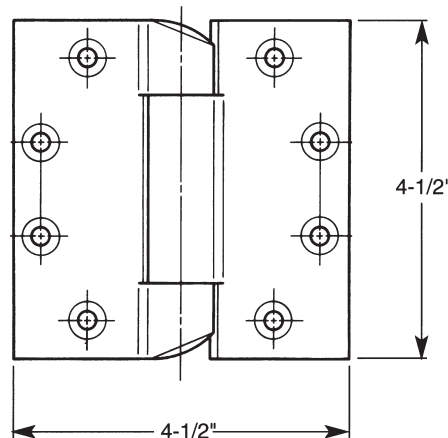
Dimensional Data

Studs (4-1/2FM-ICS): 15/32" diameter, 1/2" long.

NOTE: Dimensions above are for general information and planning purposes only and should not be used as templates.



4-1/2FM-ICS



For more information, please call 210.533.1231.