

Door Hardware

Continuous Hinges (08 71 00)

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Part 1 – General

- Continuous Hinges: Hinge shall be a pin less assembly of three interlocking extrusions applied to the full height of the door and frame without mortising.
 - The door leaf and jamb leaf shall be geared together for the entire length of the hinge and joined by a channel.
 - Hinge knuckle shall be monolithic in appearance.
 - Continuous hinge with visible knuckle separations are not acceptable.
 - Vertical door loads shall be carried on minimum 3/4" acetyl bearings through a full 180 degrees.
 - The door leaf and jamb leaf shall have templated screw hole locations for future replacement needs.
 - All heavy duty hinges (HD) shall have a minimum of 32 bearings for a 7' length.

Part 2 – Product

- Preferred or equal:
 - Ives
 - Hager Roton
 - Select Products

Part 3 – Execution

- Mount hardware units at heights indicated in "Recommended Locations for Builders Hardware for Standard Steel Doors and Frames" by the Door and Hardware Institute, except as specifically indicated or required to comply with governing regulations, and except as may be otherwise directed by Architect.
- Install each hardware item in compliance with the manufacturer's instructions and recommendations. Wherever cutting and fitting is required to install hardware onto or into surfaces which are later to be painted or finished in another way, coordinate removal, storage and reinstallation or application of surface protections with finishing work specified in the Division-9 sections. Do not install surface-mounted items until finishes have been completed on the substrate.
- Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- Drill and countersink units which are not factory-prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.