



## PRODUCT SPECIFICATIONS

For more information visit [www.hagerco.com](http://www.hagerco.com)

# 790-904

Half Mortise, 1/8" Inset, Door of Any Material

## Applications



## PRODUCT SPECIFICATIONS

### Certifications:

ANSI A156.26 Grade 1 for 150-pound doors, UL

### Clearance:

1/8" minimum hinge side plus standard lockside clearance

### Door Reinforcement:

Wood - None required up to 200 lbs. For metal doors, a 1/8" (3 mm) thick reinforcement plate is recommended along the hinge edge for proper thread engagement of the adjustment studs.

### Electric Modifications:

Power Transfer Preparation (EPT 2) or (EPT 10)

### Fastener Size:

#10-24 x 5/8" S/S Drill-Kwik® (metal frame), #1/4-20 x 3/4" 2C Drill-Kwik® (metal door), #10-16 x 1-1/4" S/S Type AB (wood door)

### Fire Rating:

Up to 3 hr. metal and 90 min. wood composite

### Frame Reinforcement:

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

### H Length:

79", 83", 85", 95", 119"

### Length Options:

Standard

### Material:

14 Ga. (0.075") Type 304 Stainless Steel

### Maximum Door Length:

10'-0"

### Maximum Door Thickness:

1-3/4"

### Maximum Door Weight:

300 lbs

### Notes:

Any nonstandard length hinge may require a custom hole pattern based on the requested length. Consult Hager Companies to address the field prep for the doors and frames.

### Optional Features:

Replacement Moldings (M), Wide Throw, Security Studs, Dutch Door Prep (DUTCH), Powder Coat

### Special Features:

1/4" (6.3 mm) diameter Stainless Steel Pin. Dual 6/6 Nylon bearings between each knuckle. Not recommended for doors with a beveled edge on the hinge side. Useful for ADA upgrade work, 1/8" (3.2 mm) inset.