Stainless Steel Continuous Hinges





Hager heavy duty stainless steel continuous hinges offer proven reliability that can stand up to the daily rigors of high-traffic, high-impact areas. They're designed and engineered to evenly distribute door weight along the full length of the door, which eliminates localized stresses on the frame. Hager stainless steel continuous hinges also help eliminate stress on closers, automatic operators, and panic and locking hardware by helping doors to stay properly aligned.

STAINLESS STEEL CONTINUOUS HINGES

CONTINUOUS BENEFITS

Security
Hager 790 Series stainless steel continuous hinges eliminate the gap between the door and frame, so doors cannot be pried open.

Energy Savings
Stainless steel continuous hinges provide a permanent weather barrier and reduce air infiltration by creating a seal from top to bottom of the door at the hinge stile.

Heavy Duty, High-Quality Construction
Hager stainless steel continuous hinges are 14 gauge type 304 stainless steel with lubricated nylon 6/6 bearings between each knuckle and stainless steel pin. They are corrosion resistant for swimming pool buildings, sewage and water treatment plants, and salt spray environments. They are ideal for hospitals and other institutions where doors and frames are subjected to severe abuse.

Improved Hardware Performance
Hager stainless steel continuous hinges allow doors to stay properly aligned, eliminating stress on closers, automatic operators, panic, and locking hardware.

Support Doors Up to 600 lbs.
All models are designed for long life and heavy duty performance.

Ideal for Retrofit
Hager 790 Series stainless steel continuous hinges use the exiting frame and cover the old butt hinge cut out locations.

Ease of Installation
Each hinge has symmetrical, non-handed hole patterns on standard sizes.

Fire Rated
c UL us LISTED

Hager 790 Series stainless steel continuous hinges are stamped with an Underwriters Laboratories Inc. fire label. Refer to the individual catalog pages for UL listing information.

Certification
Hager 790 Series stainless steel continuous hinges are approved for ANSI A156.26 Grade 1 for 150-pound doors.

Privacy
Hager 790 Series stainless steel continuous hinges eliminate the gap or sightline at the hinge edge, offering privacy on hospital or toilet partition applications.

Door Edge Guards
Various models are supplied with a 14 gauge stainless steel channel that wraps the door edge and protects the door edges from damage by carts, beds, and equipment. Other models offer protection to the jamb with a wrap-around guard. Refer to individual catalog pages for additional information. Edge guards for the latch side edge of the door are available through our Trim and Auxiliary product line.

Standard Finish
Hager 790 Series stainless steel continuous hinges are brushed to a satin finish (US32D).

Recommended Lengths
Hager 790 Series stainless steel continuous hinges are always installed flush with the top edge of the door. Recommended head clearance is 1/8" (3 mm). Order each hinge equal to the net door height. In the field, trimming should be done from the bottom of the hinge only.

Added Features
Moldings are supplied to cover exposed fastener heads on half-surface and full-surface models and are screwed in place. Models with hinge guards are supplied with adjustable screws allowing up to 1/4" (9 mm) width adjustment for doors to be squared accurately and easily in new installations and retrofits.

DOOR AND FRAME PREPARATION
All 790 Series stainless steel continuous hinges are surface applied without cutouts. Cutout design and spacing coordination is thereby eliminated in both new construction and restoration work.

For models other than double edge guard models, reinforcement plates are not required in doors and frames except where the gauge is too thin or the material is too weak for the fasteners in relation to the door weight, or where abusive operation is anticipated. Consult Hager Companies Technical Service for more information.

For double edge guard models to be mounted to a hollow metal door, Hager strongly recommends a 1/8" (3 mm) thick reinforcement plate at the hinge side of the door for proper strength of the adjustable studs. The added material will allow proper thread engagement and extend the life of the opening.

Blank frames may be ordered with strike prep only or with a strike prep furnished on both sides with any model that will cover the frame rabbet. Doors should always be ordered without cutouts except for use in labeled openings in which the tested door assembly may have manufacturing restrictions. Continuous frame mortar guards are strongly recommended for masonry walls to avoid screw fastener interference with the mortar.

DOOR CLOSERS
Hager Companies stainless steel continuous hinges eliminate stress on closers, automatic operators, panic, and locking hardware. Conventional surface, concealed sliding closers and pivot-type floor closers may be used because doors stay properly aligned.

SPECIAL PRODUCTS
Custom Designs
For special designs and special applications, contact Hager Customer Service for more information.

While such orders become subject to the change and cancellation policy, hole positioning will be optimized to ensure that the appearance and operation of the products are maintained.

Custom Length Hinges
Hager manufactures hinges over 119" (2023 mm) as two separate lengths. Hager will select hinge segment lengths from standard sizes for best economics in relation to length required.

A special length should be specified from the net door height. To order, list the required hinge length dimension along with the "actual length" or "net door height."

Custom Hole Pattern
Any hole pattern or shape other than Hager's standard hole pattern. Contact Hager Customer Service for more information. Available on all models.

No-Hole (Blank) Hinges
Holes omitted for special applications (i.e. welded hinge) is available on all models. Contact Hager Customer Service for more information.

Special Finishes
Hager 790 Series stainless steel continuous hinges are available in custom color painted or powder coated finishes. Color samples are required for matching.

Dutch Door Hinges
The frame leaf is furnished as a continuous leaf and the door leaf is cut to fit the dutch door heights specified. Upper and lower door leaves are prepped for extra screws. Handing, overall net door height, amount of clearance between the top and bottom doors, their individual heights and door and frame materials should be clearly specified.

Non-Rising Pin
The pin is held securely in place and will not rise or fall from the knuckles during use. The top and bottom plugs are permanently secured to the hinge.

Raised Barrel
For applications where the door is set back in the frame, the knuckle is offset to allow the hinge to clear the frame.

Replacement Moldings
Brushed aluminum replacement moldings with molding clips and fasteners are available in stock lengths for trimming in the field. This option is available for 790-903, 790-904, 790-906, 790-909, 790-935.

Sheared Leaf
For narrow door thicknesses, leaf width can be trimmed. This option is available for 790-900, 790-903, 790-905, 790-909, 790-911, 790-915, 790-926, 790-935.

Wide Throw
The width of the hinge leaf can be extended in order to clear the trim or wall conditions.

Dust Free Bearings
Hager dust free bearings are made of long lasting, self-lubricating material. The bearings provide clean and quiet hinge operation and prevent metal on metal wearing. They meet ANSI/BHMA Grade 1 requirements and support doors weighing up to 600 pounds.

Hospital Tips
Concealed models 790-900, 790-905, 790-907, and 790-915 can be prepared with a tapered 45° angle at the top of the hinge. These are ideal for use in hospitals and correctional facilities to help provide a clean and safe environment.

Quick Connect
Fast installation that eliminates field modifications. Wiring quick connect, modular wiring system with keyed, pre-wired, molded connects. Available for ETM, EMN, ETW, and RETW options.

STAINLESS STEEL CONTINUOUS HINGES

FASTENERS

Hager 790 Series stainless steel continuous hinges are provided exclusively with carefully engineered and thoroughly tested fasteners. Each fastener is designed for ease of use as well as durability. Appropriate fasteners are furnished with each hinge, together with installation instructions for typical metal and wood doors hung on metal frames. The standard screw pack includes Dril-Kwik® self-drilling screws for metal doors and frames as well as wood screws for wood doors.

Special adjustment studs and screws are standard on all models with the double door edge protection lip. The special adjustment studs and screws allow correction of door fit problems up to 3/8" (9 mm). Sex bolts are optional and must be requested at time of order. If special fasteners are required, customers must supply them except upon prior agreement. Please consult Hager Technical Service for alternate fastener recommendations.

Optional Sex Bolts

On all applicable full-surface and half-surface mounted hinge models, sex bolts can be ordered. Sex bolts are intentionally designed shorter than the door thickness to ensure proper clamping action of 1-3/4" (44 mm) doors of slightly varying thickness.

Security Fasteners

These fasteners improve building security and reduce hinge tampering. Security Torx are available in place of standard fasteners upon request.

Security Studs

These stainless steel security studs are mounted through the frame leaf into the door frame. Security studs are available in place of standard fasteners upon request.

FASTENER INSTALLATION

Fasteners for both metal and wood applications are supplied standard with each hinge. The Dril-Kwik® self-drilling screw is used in metal door and frame applications and has an undercut head and a machine thread on the screw shank. The type AB wood screw is supplied for wood door and frame applications.

The Dril-Kwik® self-drilling screw's drill point allows it to be placed without pre-drilled holes when installed in a hollow metal frame less than 1/8" (3 mm) thick. It forms its own threads as it is drilled into the frame.

Mortar Guards, made of either styrofoam or wood, are recommended for new construction, eliminating the use of masonry bits. For existing grout-filled frames, pre-drilling is required before installation of the Dril-Kwik® self-drilling screws. Here, the screw acts as a machine screw since drilling has already taken place. Center-punching is recommended on both hollow metal and grout-filled frames to ensure that the screw seats properly in the hinge leaf. Stainless steel frames require pre-drilling.

In all cases, care should be taken to ensure that no drill chips build up behind the hinge. It is best to pre-mark the holes and pre-drill with the hinge removed or clamp the hinge very tightly against the door or frame when using the self-drilling screws.

When installing the self-drilling type screw, make certain that the installer is familiar with the proper use and torque settings of a screw gun. Proper center-punching is extremely important with self-drilling screws. If center-punching is omitted or incorrectly done, the screw will "walk" in the same way as a drill bit, resulting in cocked screw heads and improperly closing hinges.

DOOR AND FRAME DIMENSIONING
Models 790-900, 790-911, 790-915

Designed primarily for work involving new doors and frames. Clearance required as follows:

Single Doors (Square and Beveled Edged)

A. Hinge thickness	7/32″	5.6 mm
B. Additional allowance for frame irregularities	1/32″	0.8 mm
C. Lockside clearance for single door	1/8″	3.2 mm
Total	3/8″	9.5 mm

Pairs of Doors (Square and Beveled Edged)

A. Hinge thickness	7/32″	5.6 mm
B. Additional allowance for frame irregularities	1/32″	0.8 mm
C. Clearance between doors (recommended)*	3/16″	4.8 mm
D. Second hinge thickness	7/32″	5.6 mm
E. Second allowance for frame irregularities	1/32″	0.8 mm
Total	11/16″	17.5 mm

Notes:
- Some minimal clearance may be required for paint and/or weatherstripping.
- For doors that are pre-beveled 1/8″ (3.2 mm)-in-2″ (51 mm) on the hinge edge, add 1/32″ (0.8 mm) per door to the TOTAL clearance shown (Model 790-900 only). For Models 790-911 and 790-915, the hinge edge of the door should not be beveled.

Models 790-905, 790-926

Designed primarily for work involving new doors and frames. Clearance required as follows:

Single Doors (Square and Beveled Edged)

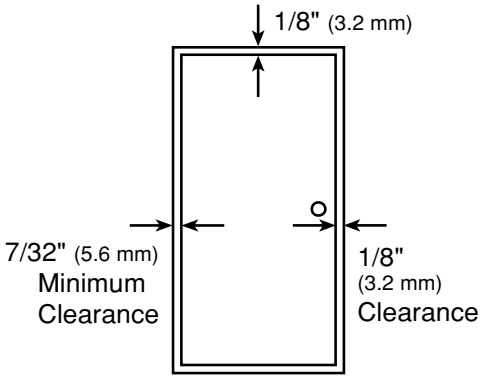
A. Hinge thickness	9/32″	7.1 mm
B. Additional allowance for frame irregularities	1/32″	0.8 mm
C. Lockside clearance for single door	1/8″	3.2 mm
Total	7/16″	11.1 mm

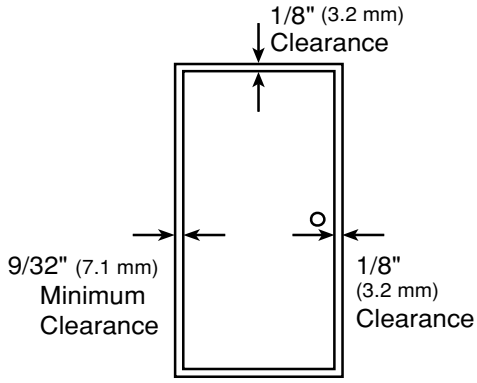
Pairs of Doors (Square and Beveled Edged)

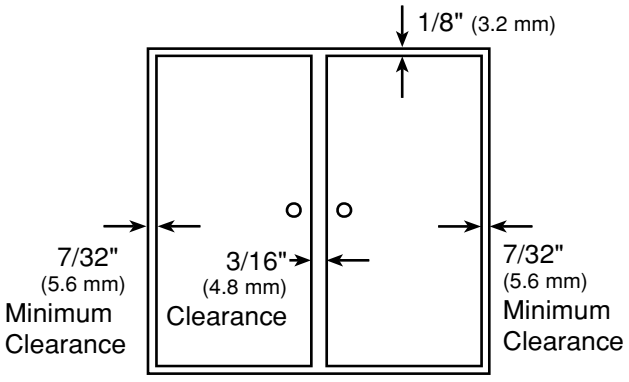
A. Hinge thickness	9/32″	7.1 mm
B. Additional allowance for frame irregularities	1/32″	0.8 mm
C. Clearance between doors (recommended)*	3/16″	4.8 mm
D. Second hinge thickness	9/32″	7.1 mm
E. Second allowance for frame irregularities	1/32″	0.8 mm
Total	13/16″	20.6 mm

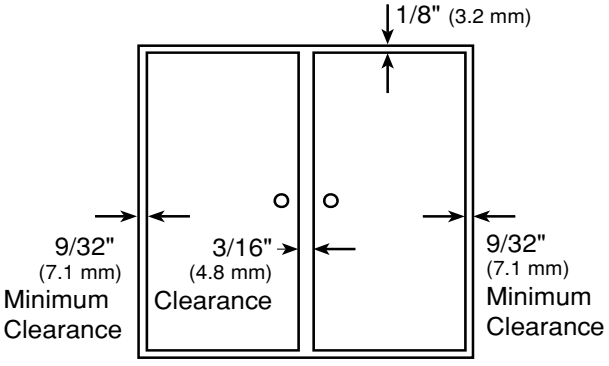
Notes:
- Some minimal clearance may be required for paint and/or weatherstripping.
- Not recommended for use on doors/panels that have a beveled edge on the hinge side.

*For fire rated doors, please refer to door manufacturer's requirement for edge to edge clearance to maintain compliance with NFPA requirements.









STAINLESS STEEL CONTINUOUS HINGES

DOOR AND FRAME DIMENSIONING (CONTINUED)

Model 790-907

Designed primarily for work involving new doors and frames. Clearance required as follows:

Single Doors (Square Edged)

A. Hinge thickness	3/8″	9.5 mm
B. Additional allowance for frame irregularities	1/32″	0.8 mm
C. Lockside clearance for single door	1/8″	3.2 mm
Total	17/32″	13.5 mm

Pairs of Doors (Square Edged)

A. Hinge thickness	3/8″	9.5 mm
B. Additional allowance for frame irregularities	1/32″	0.8 mm
C. Clearance between doors (recommended)*	3/16″	4.8 mm
D. Second hinge thickness	3/8″	9.5 mm
E. Second allowance for frame irregularities	1/32″	0.8 mm
Total	1″	25.4mm

Notes:
- Some minimal clearance may be required for paint and/or weatherstripping.
- This model is not recommended for use on doors/ panels that have a beveled edge on the hinge side.

Models 790-903, 790-904, 790-906, 790-909, 790-935

Designed primarily for work involving new doors and frames. Clearance required as follows:

Single Doors (Square and Beveled Edged)

A. Hinge thickness	1/8″	3.2 mm
B. Additional allowance for frame irregularities	1/32″	0.8 mm
C. Lockside clearance for single door	1/8″	3.2 mm
Total	9/32″	7.2 mm

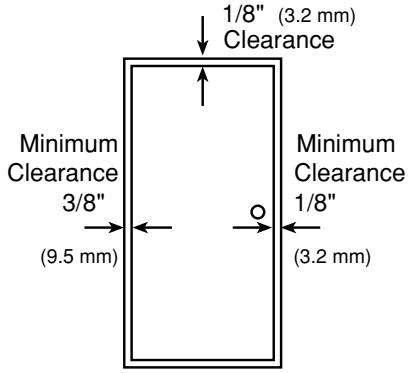
Pairs of Doors (Square and Beveled Edged)

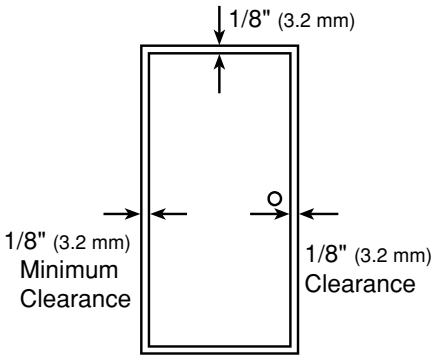
A. Hinge thickness	1/8″	3.2 mm
B. Additional allowance for frame irregularities	1/32″	0.8 mm
C. Clearance between doors (recommended)*	3/16″	4.8 mm
D. Second hinge thickness	1/8″	3.2 mm
E. Second allowance for frame irregularities	1/32″	0.8 mm
Total	1/2″	12.7 mm

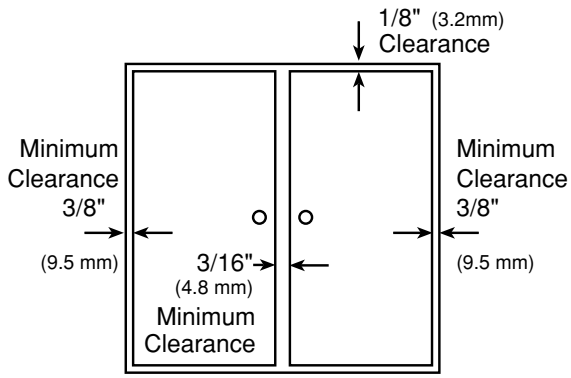
Notes for 790-904 only:
- Some minimal clearance may be required for paint and/or weatherstripping.
- For doors that are pre-beveled 1/8″ (3.2 mm)-in-2″ (51 mm) on the hinge edge, add 1/32″ (0.8 mm) per door to the TOTAL clearance shown.

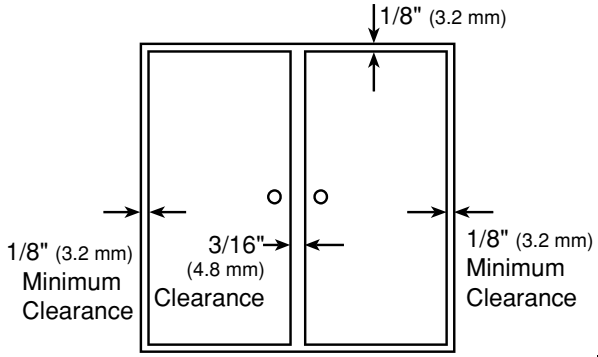
Notes for 790-906 only:
- The hinge edge of the door should not be beveled.

*For fire rated doors, please refer to door manufacturer's requirement for edge to edge clearance to maintain compliance with NFPA requirements.









ELECTRIC MODIFICATIONS

Von Duprin EPT2 or EPT10 Electric Power Transfer Preparation

- Hinge leaf cutout to accommodate power transfer device.
- Specify handing and dimension from top of hinge to centerline of power transfer cutout location. Please note the clearance from top of hinge to underside of header, typically 1/16" to 1/8" (1.6 mm to 3.2 mm).
- Modification available on models 790-900, 790-903, 790-904, and 790-915.

Exposed Electric Switches:

- Miniature push button switch is incorporated in the hinge frame leaf to monitor position of the door.
- Includes three 12" wire leads.
- To order, use symbol "E1S" as a suffix.
  Example: 790-900 85" US32D E1S
- Each monitoring hinge only needs one E1S switch.
- Specify handing and dimension from top of hinge to centerline of electric through-wire location. Please note the clearance from top of hinge to underside of header, typically 1/16" to 1/8" (1.6 mm to 3.2 mm).
- Templates regarding location of contact switch available upon request.
- Modification available on models 790-900 and 790-915.

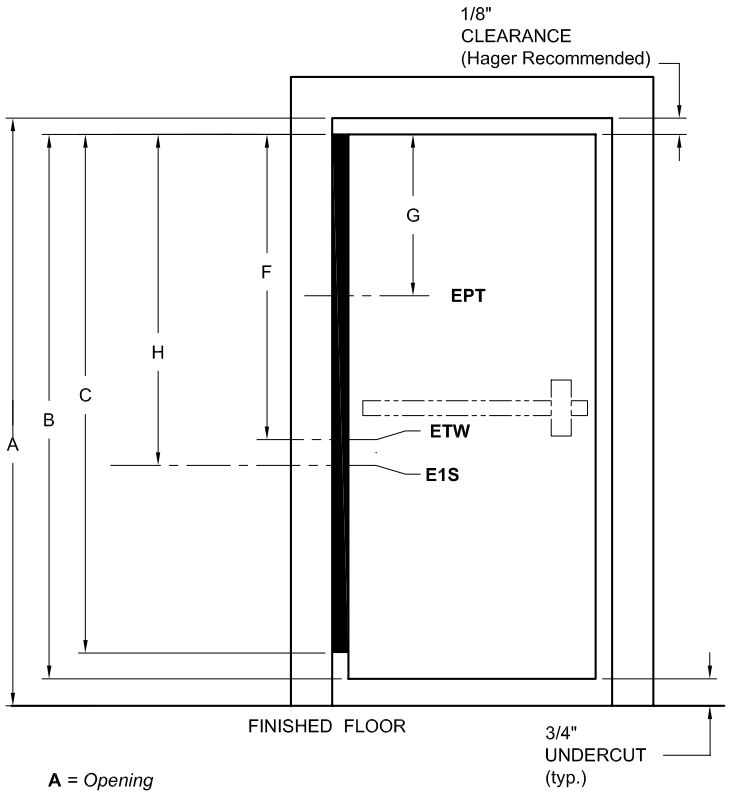
Concealed Electric Through-Wire:

- Transfers power discreetly from building to door hardware.
- Four, eight, or ten 24-gauge wires with 12" wire leads.
- To order, use symbol "ETW" plus the number of wires required, as a suffix.
  Example: 790-900 HD 85" US32D ETW - 4
- Specify handing and dimension from top of hinge to centerline of electric through-wire location. Please note the clearance from top of hinge to underside of header, typically 1/16" to 1/8" (1.6 mm to 3.2 mm).
- Modification available on 790-900 and 790-915.

Mortar Box - 430

- Serves as a mortar shield.
- Overall dimensions are 9" (229 mm) length with tabs, 7" (178 mm) (inside), 1-3/4" x 1-3/4" (45 mm x 45 mm) inside dimension.
- Galvanized steel 0.040" (1 mm).
- Top and bottom knockouts for standard conduit fittings.





A = *Opening*
B = *Door* ***height***
C = *Actual hinge length*
F = *C.L. of ETW (electric through-wires)*
G = *C.L. of EPT (electric power transfer)*
H = *C.L. of E1S (exposed switch)*

* For ease of ordering, Hager has established standard locations for power transfer cutouts. All standard location dimensions are referenced from the top edge of the door to the centerline of the power transfer cutout. Please specify handing.

	A	B	C	F	G	H
79"	80"	79-1/8"	79-3/16	41-1/2"	24-1/2"	41-1/2"
83"	84"	83-1/8"	83-1/8"	43-1/2"	28-7/16"	43-1/2"
85"	86"	85-1/8"	85-1/8"	45-1/2"	30-7/16"	45-1/2"
95"	96"	95-1/8"	95"	55-3/8"	40-1/2"	55-3/8"
119"	120"	119-1/8"	118-3/4"	79-1/8"	64-7/16"	79-1/8"

STAINLESS STEEL CONTINUOUS HINGES



790-900

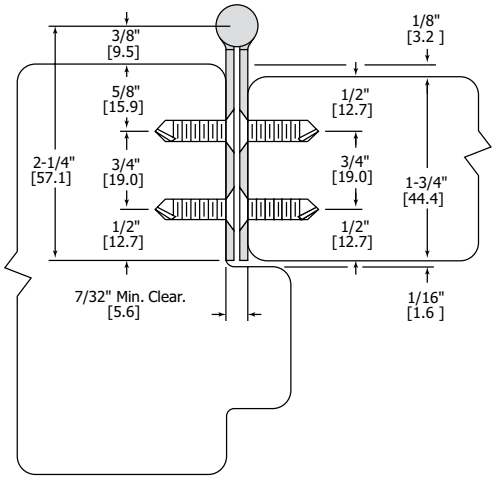
Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

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Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	7/32" (5.6 mm) hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal frame/door); #10-16 x 1-1/4" S/S Type AB (wood door)
Length Options:	Standard and custom
Door/Frame Reinforcements:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • May be used with beveled or square edge doors • 1/8" (3.2 mm) inset

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	19	21	21	23	27
Jamb Screws	19	21	21	23	27





790-905

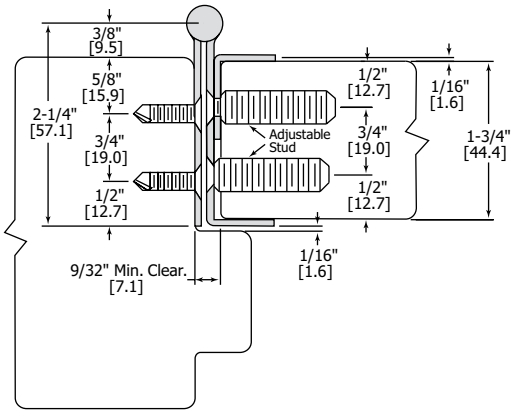
Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

c UL us LISTED

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	9/32" (7.1 mm) minimum hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal frame); #1/4-32 x 3/4" S/S machine screw (used with adjustment stud); #3/8-16 x 1-3/8" S/S adjustment stud (metal/wood door)
Length Options:	Standard and custom
Door/Frame Reinforcements:	• Wood – None required • Metal – Recommended 16 gauge channel at heavier weight • For metal doors, a 1/8" (3.2 mm) thick reinforcement plate is recommended along the hinge edge for proper thread engagement of the adjustment studs
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Door edge protection lip (both faces of door) • Not recommended for doors with a beveled edge on the hinge side • 1/16" (1.6 mm) inset

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	19	21	21	23	27
Jamb Screws	19	21	21	23	27





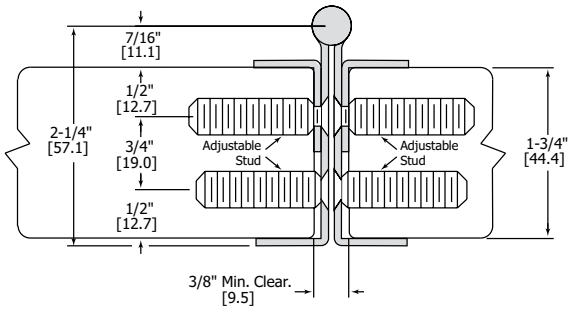
790-907

Flush Mount - Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	3/8" (9.5 mm) minimum clearance between doors
Fasteners:	#10-32 x 3/4" S/S machine (used with adjustment stud); #3/8-16 x 1-3/8" S/S adjustment stud (metal/wood door)
Length Options:	Standard
Door Reinforcements:	• Wood – None required up to to 200 lbs • Metal – Recommended 16 gauge channel at heavier weight • For metal doors, a 1/8" (3.2 mm) thick reinforcement plate is recommended along the hinge edge for proper thread engagement of the adjustment studs
Frame Reinforcements:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Door edge protection lip (both faces of door) • Can be used for door to door mounting • Not recommended for doors with a beveled edge on the hinge side

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	19	21	21	23	27
Jamb Screws	19	21	21	23	27





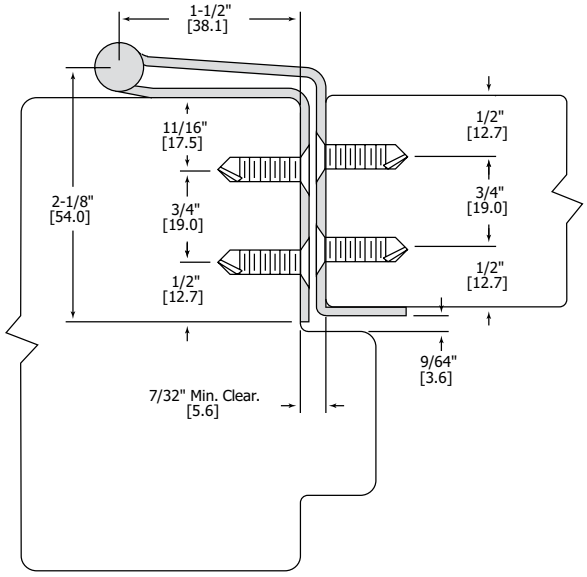
790-911

Swing Clear - Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 Stainless Steel
Finish:	US32D Satin
Clearance:	7/32" (5.6 mm) hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal frame/door) #10-16 x 1-1/4" S/S Type AB (wood door)
Length Options:	Standard and custom
Door/Frame Reinforcements:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Wrap-around frame leaf design for easy installation and protection • Door edge protection lip (stop side only) • Useful for ADA upgrade work • Not for use on doors with a beveled edge on the hinge side

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	19	21	21	23	27
Jamb Screws	19	21	21	23	27



STAINLESS STEEL CONTINUOUS HINGES



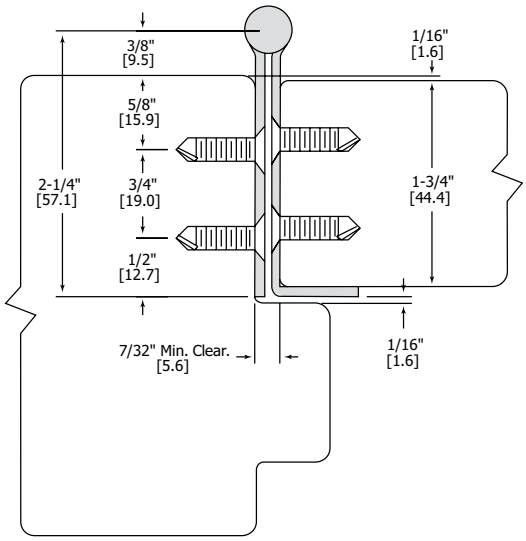
790-915

Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	7/32" (5.6 mm) plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal frame/door); #10-16 x 1-1/4" S/S Type AB (wood door)
Length Options:	Standard and custom
Door/Frame Reinforcements:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Door edge protection lip (stop side only) • Not recommended for doors with a beveled edge on the hinge side • 1/16" (1.6 mm) inset • Door edge protection lip (stop side only)

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	19	21	21	23	27
Jamb Screws	19	21	21	23	27





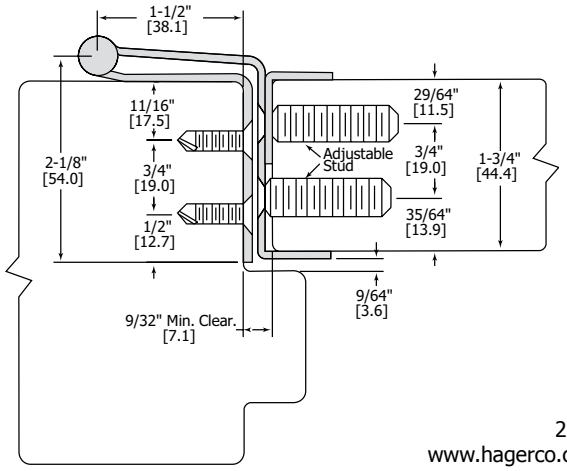
790-926

Swing Clear - Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	9/32" (7.1 mm) minimum hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal frame); #10-32 x 3/4" S/S machine (used with adjustment stud); #3/8-16 x 1-3/8" S/S adjustment stud (metal/wood door)
Length Options:	Standard and custom
Door/Frame Reinforcements:	• None required to 200 lbs, heavier weight use 16 gauge channel • For metal doors, a 1-1/8" (3.2 mm) thick reinforcement plate is strongly recommended along the hinge edge for proper thread engagement of the adjustment studs
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Wrap-around frame leaf design for easy installation and protection • Door edge protection lip (both faces of door) • Useful for ADA upgrade work • Not recommended for doors with a beveled edge on hinge side

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	19	21	21	23	27
Jamb Screws	19	21	21	23	27





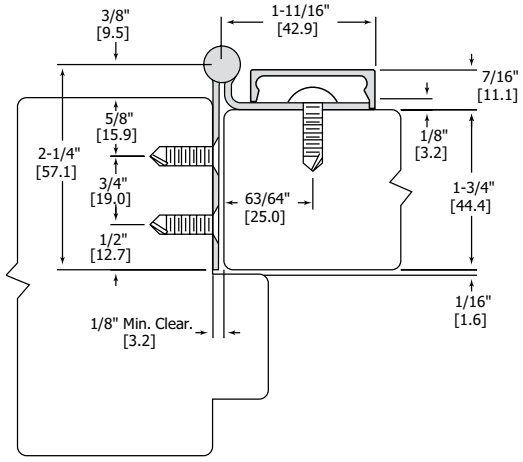
790-903

Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	1/8" (3.2 mm) minimum hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal frame); #1/4-20 x 3/4" 2C Dril-Kwik® (metal door); #1/4-14 x 1" 2C Type AB (wood door)
Length Options:	Standard
Door/Frame Reinforcement:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Security molding • 1/8" (3.2 mm) inset

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	13	14	14	15	18
Jamb Screws	19	21	21	23	27





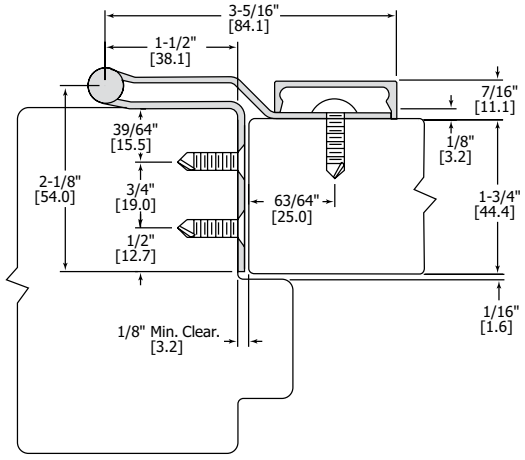
790-935

Swing Clear - Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	1/8" (3.2 mm) minimum hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal frame); #1/4-20 x 3/4" 2C Dril-Kwik® (metal door); #1/4-14 x 1" 2C Type AB (wood door)
Length Options:	Standard
Door/Frame Reinforcement:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Wrap-around frame leaf design for easy installation and protection • Useful for ADA upgrade work • Security molding • 1/8" (3.2 mm) inset

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	13	14	14	15	18
Jamb Screws	19	21	21	23	27



STAINLESS STEEL CONTINUOUS HINGES



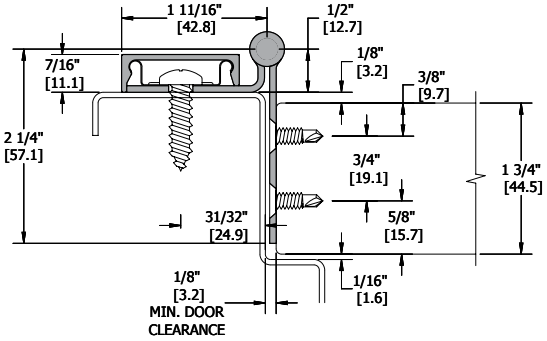
790-904

Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	1/8" (3.2 mm) hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal door); #1/4-20 x 3/4" 2C Dril-Kwik® (metal frame); #10-16 x 1-1/4" S/S Type AB (wood door)
Length Options:	Standard
Door/Frame Reinforcement:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
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 • 1/8" (3.2 mm) inset

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	19	21	21	23	27
Jamb Screws	13	14	14	15	18



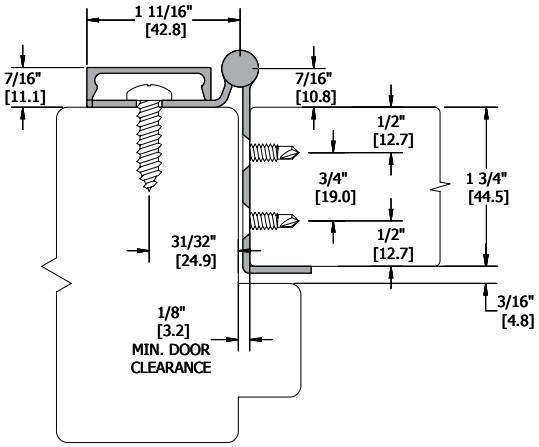
790-906

Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	1/8" (3.2 mm) minimum hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal door); #1/4-20 x 3/4" 2C Dril-Kwik® (metal door); #1/4-14 x 1" 2C Type AB (wood frame)
Length Options:	Standard
Door/Frame Reinforcement:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Security molding • Door edge protection lip (stop side only) • Not recommended for doors with a beveled edge on the hinge side

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	19	21	21	23	27
Jamb Screws	13	14	14	15	18





790-909

Swing Clear - Door of Any Material

For doors 1-3/4" (44 mm) thick and up to 600 pounds.

Material:	14 Ga. (0.075" = 1.9 mm) Type 304 stainless steel
Finish:	US32D Satin
Clearance:	1/8" (0.8 mm) minimum recommended hinge side plus standard lockside clearance
Fasteners:	#10-24 x 5/8" S/S Dril-Kwik® (metal frame); #1/4-20 x 3/4" 2C Dril-Kwik® (metal door); #1/4-14 x 1" 2C Type AB (wood door)
Length Options:	Standard
Door Reinforcement:	None required to 200 lbs, heavier weight use 16 gauge channel
Fire Rating:	Up to 3 hour metal and 90 minute wood composite
Special Features:	• 1/4" (6.3 mm) diameter stainless steel pin • Dual 6/6 nylon bearings between each knuckle • Useful for ADA upgrade work • Security molding • For beveled or square edge doors • 1/8" (3.2 mm) inset

Hinge Length (in)	79	83	85	95	119
Hinge Length (mm)	200.7	210.8	215.9	241.3	302.3
Door Screws	13	14	14	15	18
Jamb Screws	19	21	21	23	27

