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HOW TO ORDER:

Example: 790-900 83 1/8" US32D 1 PK

Stock Number: 23243

Item Number: PS90083B32D000001

790

STAINLESS
STEEL
CONTINUOUS
HINGE

900

ITEM#

83

LENGTH

1/8"

FRACTION

US32D

FINISH

1 PK

STANDARD
SINGLE
PACK



Stainless Steel Continuous Hinges

ANSI Standards

Hager Companies 790 Series stainless steel continuous hinges are approved for ANSI A156.26 Grade 1 for 150-pound doors and Grade 2 for 300-pound doors for the following series: 790-900, 790-905, 790-915, 790-904, 790-906, 790-903.

Fire Rating

Hager 790 Series hinges are approved by Underwriters Laboratories, Inc. Fire Rated label for up to 3 hours for metal doors and 90 minutes for wood composite doors.



Cancellation Notification

Cancellation for made-to-order items must be communicated within 48 hours of order placement.

Standard Lengths

Stainless steel hinges are listed and priced as actual lengths 83-1/8" (7'0" opening), 85" (7'2" opening), 95" (8'0" opening), and 119" (10'0" opening) for convenience in application to nominal sized doors. Other lengths may be ordered as non-standard items.

Extra Long Hinges

Hinges over 119" are manufactured as two separate lengths with staggered joints for on-site connection.

MODIFICATIONS & ADDITIONS	ADDITION TO LIST PRICE
Custom Length Hinges Actual door height may be specified at an additional charge outlined: - For hinges 40" to 83" in length - For hinges 83" to 95" in length - For hinges 95" to 119" in length - For hinges 119" to 192" in length	\$98.45 to 7' list price. \$98.45 to 8' list price. \$98.45 to 10' list price. \$225.23 to the list price
Custom Hole Pattern Any hole pattern or shape other than Hager's standard hole pattern.	Price on Application
No Hole (Blank) Hinges Holes omitted for special applications (i.e. welded installation).	Price on Application
Lead Lined Hole Pattern Only available on Models 790-900, 790-911 and 790-915.	Price on Application

MODIFICATIONS & ADDITIONS PRIC

ADDITION TO LIST

Tamper Resistant Hospital Tips (HT)

- Custom lengths
- Available on concealed leaf models 790-900, 790-905, 790-907, 790-915, for standard lengths.

\$164.18
Price on Application

Dutch Door Prep (DUTCH)

- Furnished as a continuous frame leaf while door leaf is cut to fit dutch door specified height.

\$164.18

Wide Throw

- Specify distance from pin centerline to heel edge of hinge.

Price on Application

Raised Barrel (SWAGED)

- Available on concealed and half surface models.

Price on Application

Sheared Leaf

- Available on all models except 790-904 and 790-906.
- Specify distance from pin centerline to extreme edge of hinge when ordering.

Price on Application

Security Studs

- Stainless steel security studs mounted through frame leaf into door frame.
- Door and frame must be specifically prepped to accommodate security studs.
- Door leaf is drilled to accommodate studs.

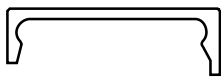
\$84.00

Replacement Moldings (M)

Hinge lengths:

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

\$242.69
\$262.35
\$287.23



- Shipped in stock lengths for trimming in the field.
- Brush aluminum & furnished with 5 each molding clips, 5 each 1/4"-14 x 1" panhead 2C screws.
- Available on models 790-903, 790-904, 790-906 and 790-909.

Security Fasteners

- Torx and Spanner Head available in place of standard fasteners.

\$118.11



Stainless Steel Continuous Hinges

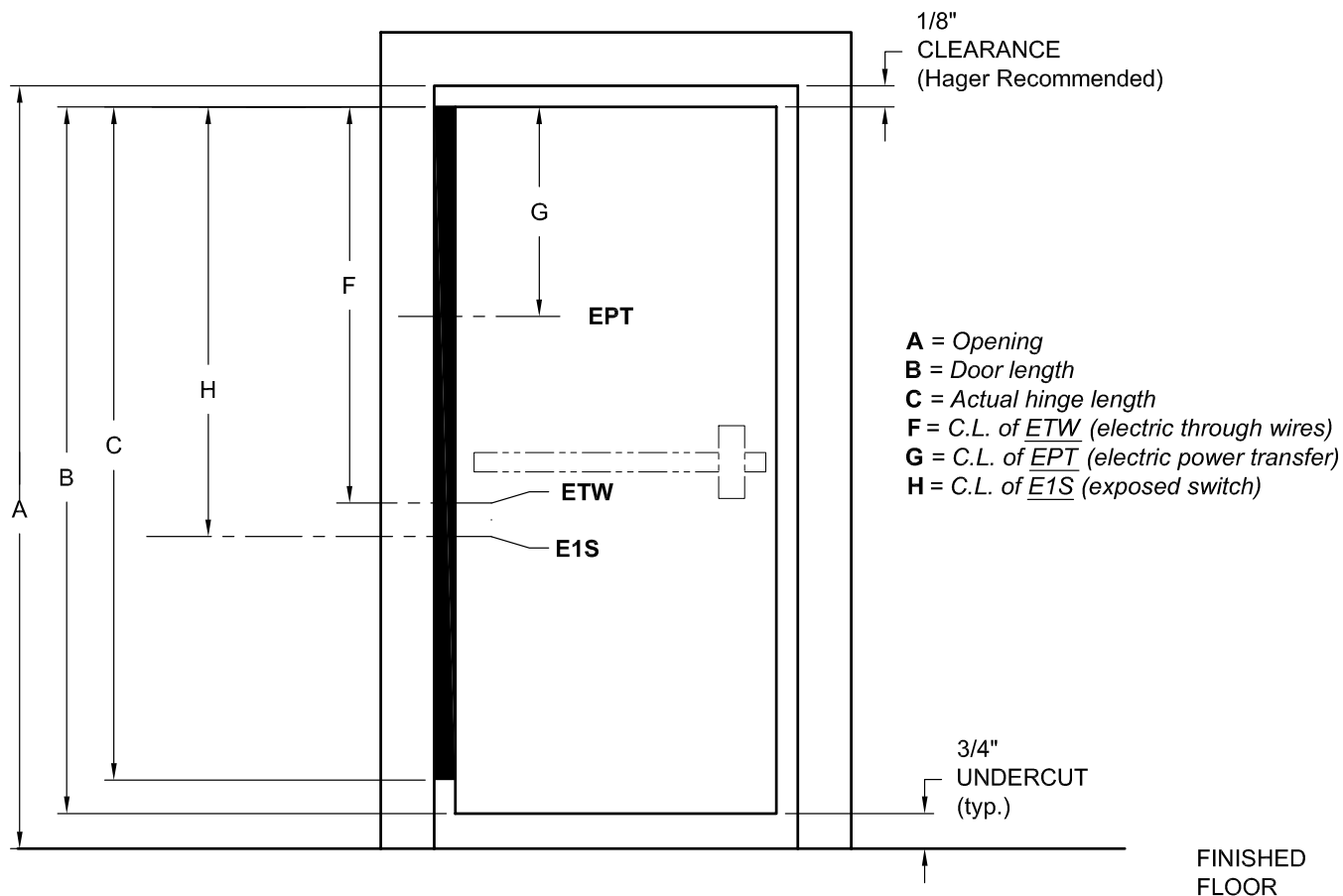
MODIFICATIONS & ADDITIONS

Additional Fasteners

#10-24 x 5/8" Torx Head Machine Screw	\$4.13 /ea
#10-16 x 1-1/4" Thread Forming Flat Head Screw	\$1.78 /ea
1/4"-14 x 1" Thread Forming Pan Head Screw	\$2.61 /ea
#10-24 x 5/8" Self-Drilling Flat Head Screw	\$2.61 /ea
1/4"-20 x 3/4" Self-Drilling Pan Head Screw	\$2.27 /ea
Adjustment Stud With Flat Head Screw	\$12.51 /ea
Sexbolt and Nut	\$7.77 /ea

STANDARD LOCATIONS FOR ELECTRICAL MODIFICATIONS

	79"	83"	85"	95"	119"
Opening	80"	84"	86"	96"	120"
Door Height	79-1/8"	83-1/8"	85-1/8"	95-1/8"	119-1/8"
Hinge Length	79-3/16"	83-1/8"	85-1/8"	95"	118-3/4"
ETW	41-1/2"	43-1/2"	45-1/2"	55-3/8"	79-1/8"
EPT	24-1/2"	28-7/16"	30-7/16"	40-1/2"	64-7/16"
E1S	41-1/2"	43-1/2"	45-1/2"	55-3/8"	79-1/8"



MODIFICATIONS & ADDITIONS

ADDITION TO LIST PRICE

Quick Connect

\$65.86

Available for ETW.

Electric Power Transfer Preparations (EPT)

\$188.10

- 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).
- Available on models 790-900, 790-903, 790-904, and 790-915.

Exposed Electric Switches (E1S)

\$289.58

- Each monitoring hinge only needs one E1S switch.
- Specify handing and dimension from top of hinge to centerline of electric switch.
- Miniature push button switch is incorporated in the hinge frame leaf to monitor position of the door.

Concealed Electric Through-Wire (ETW)

Electric Through Wire	ETW - 4	\$836.83
Electric Through Wire	ETW - 8	\$1,251.66
Electric Through Wire	ETW - 10	\$1,687.82

- 24-gauge 12" wire leads available on 790-900 and 790-915.
- Transfers power discretely from building to door hardware.
- 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).

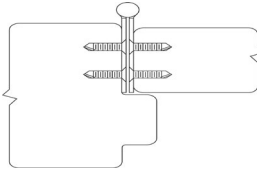
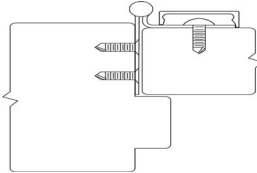
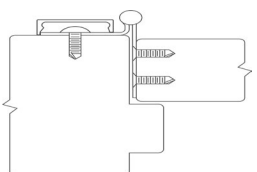
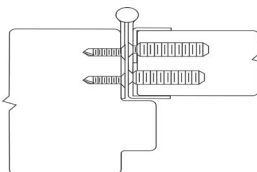
Mortar Box - 430

\$95.21

- Serves as mortar shield.
- Top and bottom knockouts for standard conduit fittings.
- Overall dimensions are 9" (229 mm) length with tabs 7" (178 mm). Inside is 1-3/4" x 1-3/4" (45 mm x 45 mm).
- Galvanized steel .040" (1 mm).

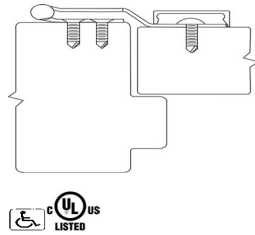


Stainless Steel Continuous Hinges

	Description	Size	Finish	List	Case Qty.
 	790-900 Concealed Leaf, 1/8" Inset Door of Any Material	79" (2007 mm)	US32D	647.23	1
		83" (2108 mm)	US32D	647.23	1
		85" (2159 mm)	US32D	736.45	1
		95" (2413 mm)	US32D	743.54	1
		119" (3023 mm)	US32D	1,079.18	1
 	790-903 Half Surface, 1/8" Inset Door of Any Material Optional sex bolts available (specify when ordering).	79" (2007 mm)	US32D	743.54	1
		83" (2108 mm)	US32D	743.54	1
		85" (2159 mm)	US32D	862.50	1
		95" (2413 mm)	US32D	862.50	1
		119" (3023 mm)	US32D	1,100.43	1
 	790-904 Half Mortise, 1/8" Inset Door of Any Material	79" (2007 mm)	US32D	752.03	1
		83" (2108 mm)	US32D	752.03	1
		85" (2159 mm)	US32D	900.74	1
		95" (2413 mm)	US32D	900.74	1
		119" (3023 mm)	US32D	1,168.41	1
 	790-905 Concealed Leaf, 1/8" Inset Door of Any Material	79" (2007 mm)	US32D	832.76	1
		83" (2108 mm)	US32D	832.76	1
		85" (2159 mm)	US32D	951.72	1
		95" (2413 mm)	US32D	951.72	1
		119" (3023 mm)	US32D	1,420.50	1
 	790-906 Half Mortise, Edge Guard Door of Any Material	79" (2007 mm)	US32D	752.03	1
		83" (2108 mm)	US32D	752.03	1
		85" (2159 mm)	US32D	900.74	1
		95" (2413 mm)	US32D	900.74	1
		119" (3023 mm)	US32D	1,168.41	1

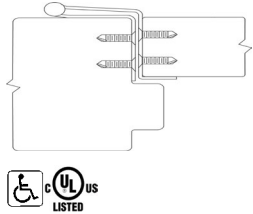


Stainless Steel Continuous Hinges



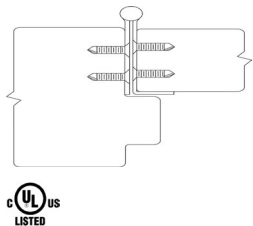
790-909
Full Surface, 1/8" Inset
Swing Clear
Door of Any Material
Optional sex bolts available
(specify when ordering).

Description	Size	Finish	List	Case Qty.
	79" (2007 mm)	US32D	900.74	1
	83" (2108 mm)	US32D	900.74	1
	85" (2159 mm)	US32D	1,033.86	1
	95" (2413 mm)	US32D	1,033.86	1
	119" (3023 mm)	US32D	1,324.20	1



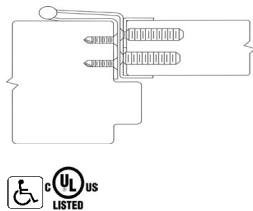
790-911
Concealed Leaf
Swing Clear
Door of Any Material

	79" (2007 mm)	US32D	937.56	1
	83" (2108 mm)	US32D	937.56	1
	85" (2159 mm)	US32D	960.22	1
	95" (2413 mm)	US32D	960.22	1
	119" (3023 mm)	US32D	1,465.82	1



790-915
Concealed Leaf, 1/16" Inset
Door of Any Material

	79" (2007 mm)	US32D	781.77	1
	83" (2108 mm)	US32D	781.77	1
	85" (2159 mm)	US32D	885.16	1
	95" (2413 mm)	US32D	885.16	1
	119" (3023 mm)	US32D	1,317.11	1



790-926
Concealed Leaf
Swing Clear
Door of Any Material

	79" (2007 mm)	US32D	1,161.33	1
	83" (2108 mm)	US32D	1,161.33	1
	85" (2159 mm)	US32D	1,161.33	1
	95" (2413 mm)	US32D	1,161.33	1
	119" (3023 mm)	US32D	1,586.20	1

