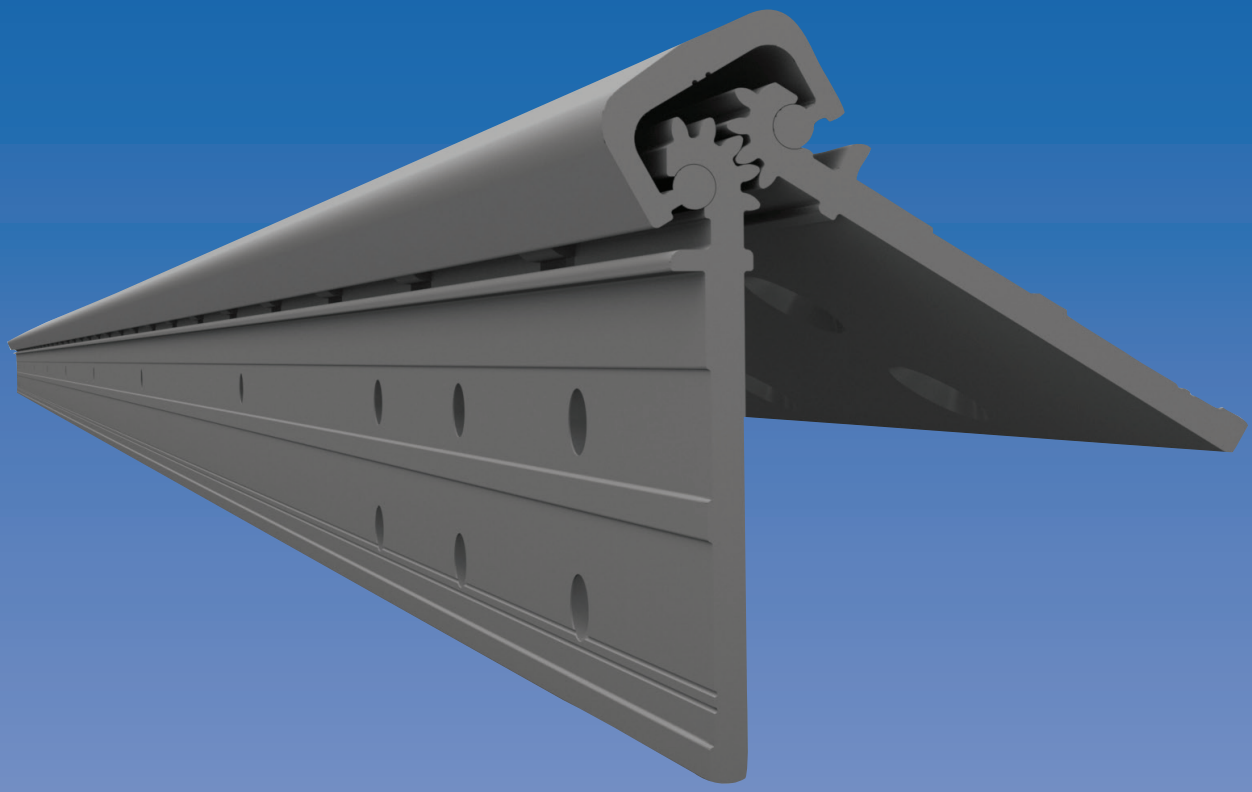
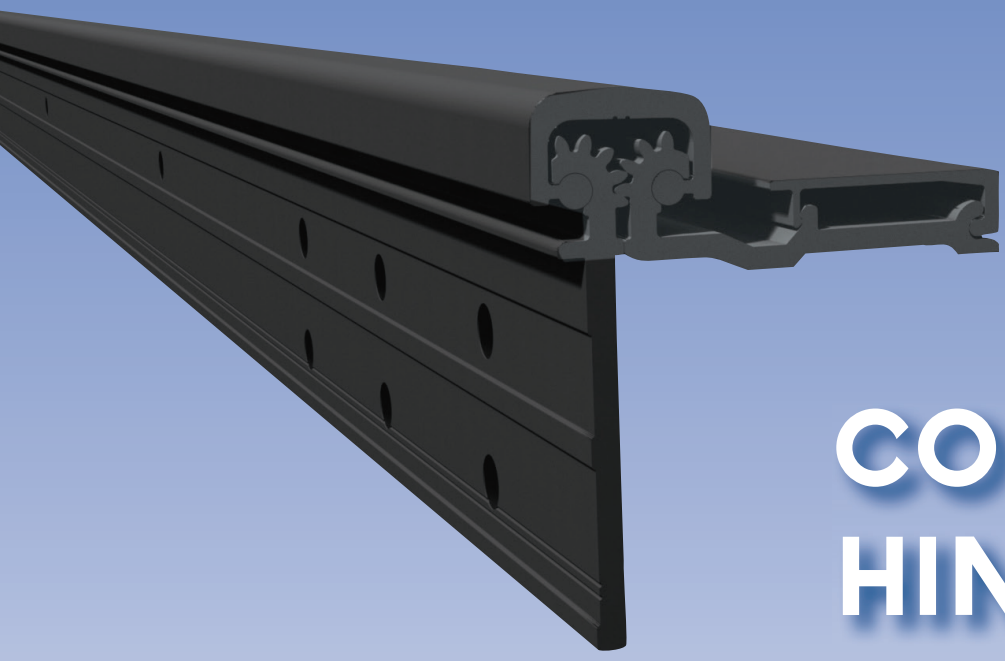
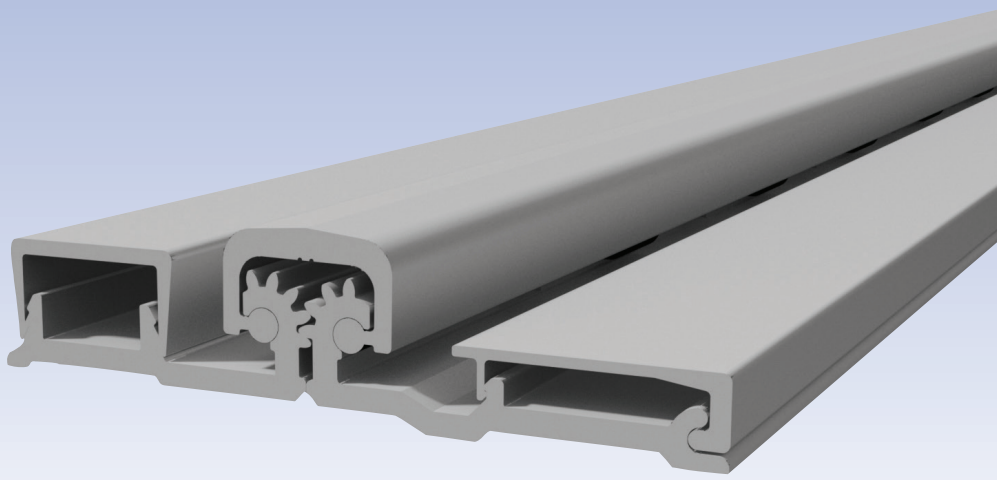




CONTINUOUS HINGES





Aluminum Continuous Geared Hinge and Stainless Steel Continuous Hinge Product Index

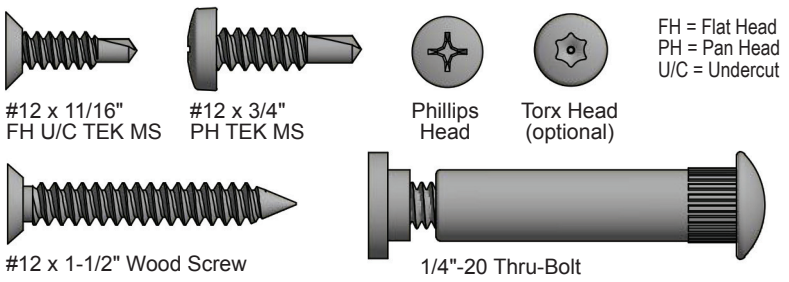
	Page
Aluminum	
Concealed	CH2 - CH7
Electric Thru Wire	CH13
EPT Prep	CH14
Full Surface	CH8 - CH9
Half Surface	CH10 - CH12
Swing Clear	CH7, CH9, CH12
Stainless Steel	
Concealed	CH15
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Half Mortise with Half Wrap Edge Guard	CH21
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CONTINUOUS GEARED HINGES

Numerical Index:

EPT PREP. .CH14, CH22
ETW8 . . . . CH13, CH22
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HD1400 . . . . . .CH4
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HD2100 . . . . . .CH9
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HD4100 . . . . . .CH7
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SS304. . . . . .CH20
SS305. . . . . .CH16
SS306. . . . . .CH21
SS311. . . . . .CH18
SS315. . . . . .CH17

Fasteners:



Rating Symbols Legend

POSITIVE PRESSURE - CERTIFIED by UL to ANSI/UL10C; complies with IBC, NFPA 80 and NFPA 252 for application to Hollow Metal and Wood fire doors rated up to to 90 minutes. See individual products for maximum door size.

ANSI/BHMA CERTIFIED. Certified hinges comply with American National Standard for Continuous Hinges ANSI/BHMA A156.26 and are listed in the BHMA Certified Products Directory.

ANSI/BHMA

The following explains ANSI/BHMA numbers which identify material and type of products. Look for the BHMA certified logo next to the product in our catalog. For a complete listing refer to the BHMA Certified Products Directory online at www.buildershardware.com

ANSI/BHMA A156.26 American National Standard for Continuous Hinges

1 Product Section	2 Material	3 Product Type	4 Electrical Modifications	5 Door Weight (lbs.)	6 Grade	7 Hinge Type
"A" designates Hinges	1. Brass Bronze 3. Aluminum 5. Stainless Steel 8. Steel	1. Edge Mounted 2. Half Edge Mounted 3. Full Surface 4. Half Surface 5. Swing Clear 6. Raised Barrel 7. Wide Throw 0. Other	0. None 1. Concealed Wire Transfer 2. Monitor 3. Power Transfer 4. Other	1. 150 2. 300 3. 600 4. 1200	1. Grade 1 2. Grade 2 3. Grade 3	B. Barrel G. Geared

LEED Green Building

The LEED (Leadership in Energy and Environmental Design) Green Building Rating System® is a national standard for developing high-performance, sustainable buildings developed by the U. S. Green Building Council. Our current LEED letter containing LEED qualification information for all our products is available at www.ngp.com

Environmental Product Declarations (EPD) prepared and certified by an Independent Laboratory based on Life Cycle Assessments (LCA) of our products and Health Product Declarations (HPD) may be viewed on our website, www.ngp.com

National Guard Products sustainability report may be viewed on our website, www.ngp.com

Contact us regarding our end of use product recycling program.

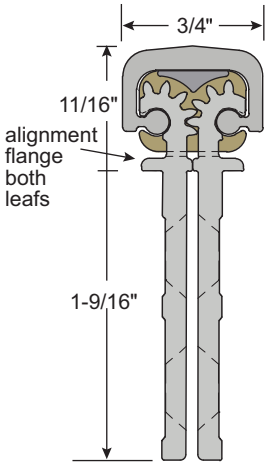
Buy American Requirements

Over 99% of our products are produced in the United States as a domestic construction material, as defined in the Buy American Act (BAA) of March 1933 and amended by the Buy American Act of 1988 and FAR 52.225-9. A Buy American certificate may be obtained on our website, www.ngp.com

Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

HD1100
HD1100-LL

Concealed Continuous Geared Hinge
No Door Inset, Flush Mount
for 1-3/4" Doors



Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- #12-24 TEK MS
- “LL” model for doors up to 1,000 lbs. features lead-lined dual row hole pattern
- Standard lengths: 83", 85", 95", 119"

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- Cut to net length
- Anti-ligature hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs



Finishes:
A - anodized aluminum
DKB - dark bronze anodized

10C

Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 8'0" and steel stiffened doors up to 4'0" x 7'2".

BHMA CERTIFIED

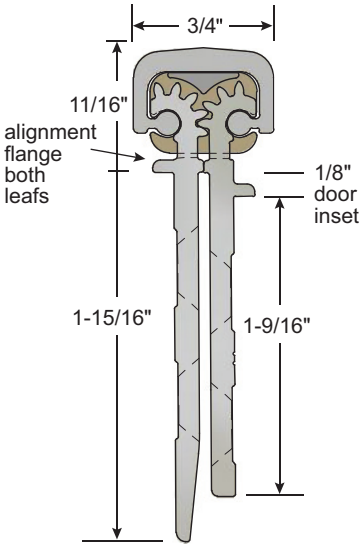
ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

HD1800
HD1800-LL

Concealed Continuous Geared Hinge
1/8" Door Inset, for 1-3/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- #12-24 TEK MS
- “LL” model for doors up to 1,000 lbs. features lead-lined dual row hole pattern
- Standard lengths: 83", 85", 95", 119"



Frame leaf covers butt hinge preps

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip - specify “ALHT” and door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs

Finishes:
A - anodized aluminum
DKB - dark bronze anodized



Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 8'0" and steel stiffened doors up to 4'0" x 7'2".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

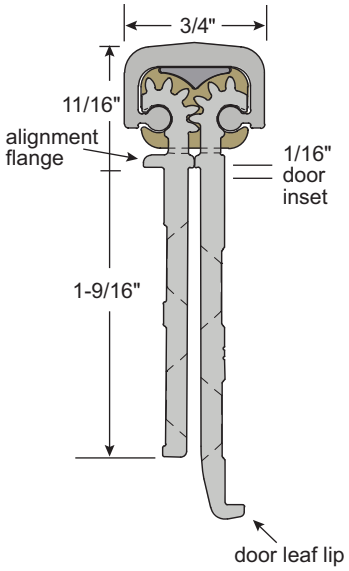
National Guard Products, Inc.
Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

HD1400
HD1400-LL

Concealed Continuous Geared Hinge
1/16" Door Inset, for 1-3/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- #12-24 TEK MS
- “LL” model for doors up to 1,000 lbs. features lead-lined dual row hole pattern
- Standard lengths: 83", 85", 95", 119"



Narrow frame leaf allows NGP 2525 bulb seal

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip - specify “ALHT” and door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs



Finishes:
A - anodized aluminum
DKB - dark bronze anodized

Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 8'0" and steel stiffened doors up to 4'0" x 7'2".

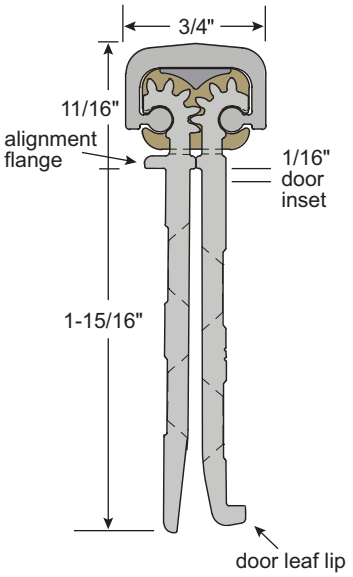
ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

HD2400
HD2400-LL

Concealed Continuous Geared Hinge
1/16" Door Inset, for 1-3/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- #12-24 TEK MS
- “LL” model for doors up to 1,000 lbs. features lead-lined dual row hole pattern
- Standard lengths: 83", 85", 95", 119"



Frame leaf covers butt hinge preps

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip - specify “ALHT” and door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs

Finishes:
A - anodized aluminum
DKB - dark bronze anodized



Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 8'0" and steel stiffened doors up to 4'0" x 7'2".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

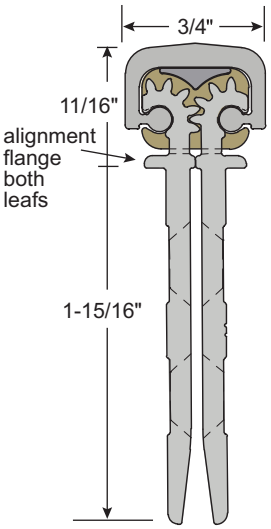
Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

HD2700
HD2700-LL

Concealed Continuous Geared Hinge
No Door Inset, Flush Mount for
2" to 2-1/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- #12-24 TEK MS
- “LL” model for doors up to 1,000 lbs. features lead-lined dual row hole pattern
- Standard lengths: 83", 85", 95", 119"



Frame leaf covers butt hinge preps

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- Cut to net length
- Anti-ligature hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs



Finishes:
A - anodized aluminum
DKB - dark bronze anodized

Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 8'0" and steel stiffened doors up to 4'0" x 7'2".

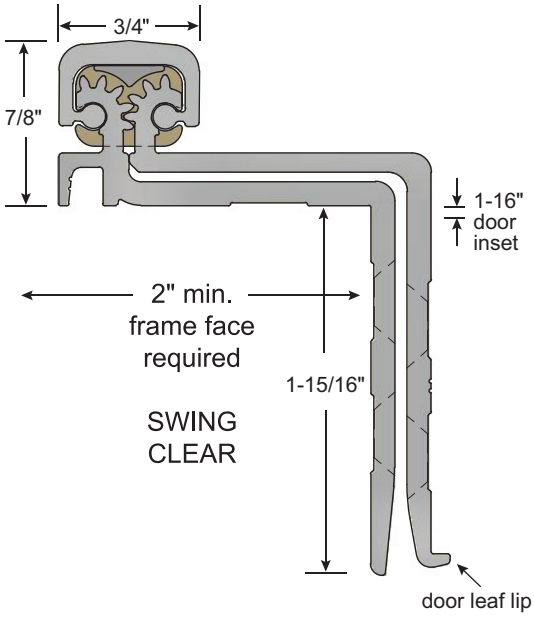
ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

HD4100
HD4100-LL

Concealed Swing-Clear Continuous Geared Hinge 1/16" Door Inset for 1-3/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- #12-24 TEK MS
- “LL” model for doors up to 1,000 lbs. features lead-lined dual row hole pattern
- Standard lengths: 83", 85", 95", 119"



Frame leaf covers butt hinge preps

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip - specify “ALHT” and door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs

Finishes:
A - anodized aluminum
DKB - dark bronze anodized



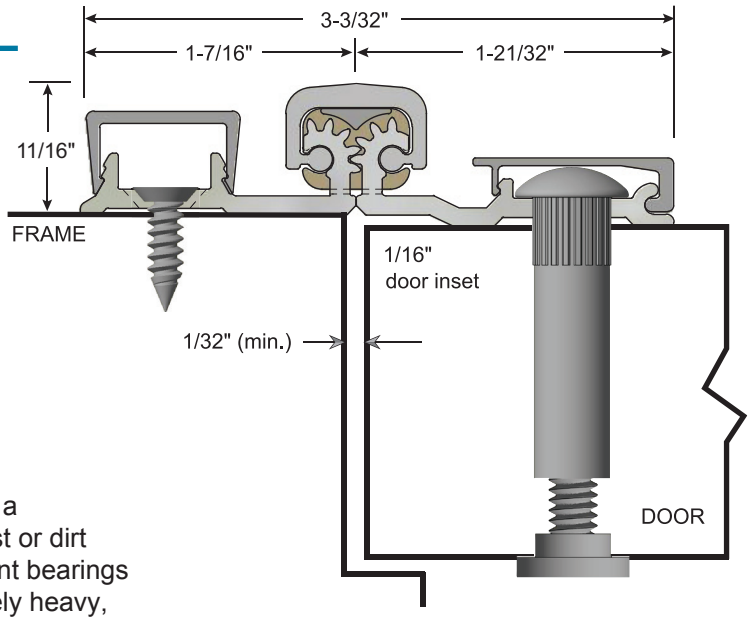
Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 8'0" and steel stiffened doors up to 4'0" x 7'2".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

HD5700

Full Surface Continuous Geared Hinge 1/16" Door Inset for 1-3/4" to 2-1/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.



Concealed fastener covers on both leafs

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- Frame leaf: #12-24 TEK flat head MS
- Door leaf: #12-24 TEK pan head MS and 1/4"-20 thru-bolts
- Standard lengths: 83", 85", 95", 119"

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK & T.B. M.S.
- Cut to net length - specify door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs

Finishes:
A - anodized aluminum
DKB - dark bronze anodized



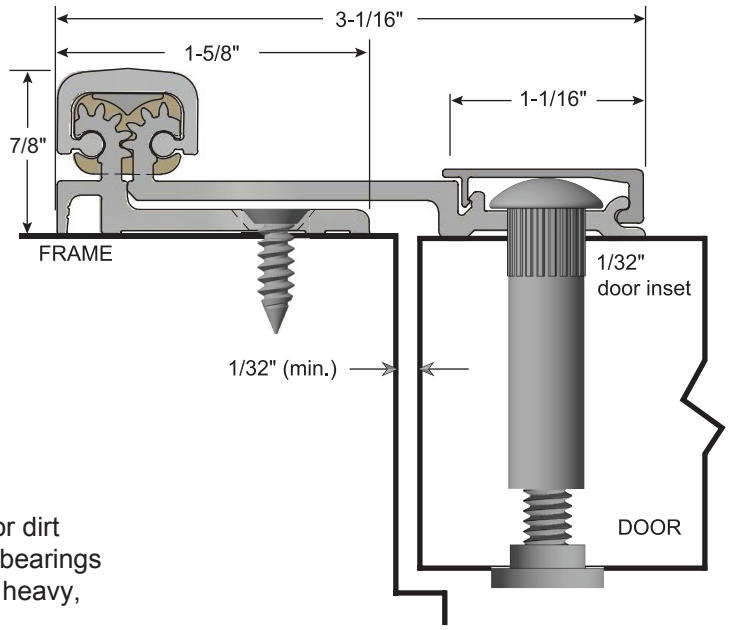
10C Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 7'2".

BHMA CERTIFIED ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

HD2100

Full Surface Swing Clear Continuous Geared Hinge 1/32" Door Inset for 1-3/4" to 2-1/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.



Concealed fastener cover on door leaf

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- Frame leaf: #12-24 TEK flat head MS
- Door leaf: #12-24 TEK pan head MS and 1/4"-20 thru-bolts
- Standard lengths: 83", 85", 95", 119"

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK & T.B. M.S.
- Cut to net length - specify door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs

Finishes:
A - anodized aluminum
DKB - dark bronze anodized



10C Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 7'2".

BHMA CERTIFIED ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

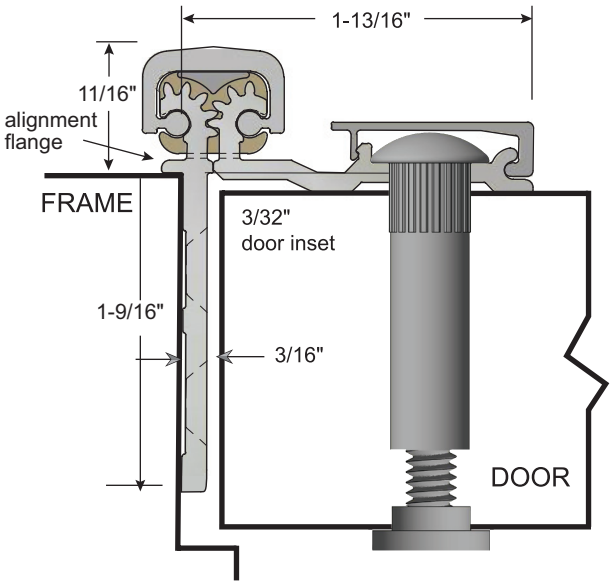
Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

HD5300

Half Surface Continuous Geared Hinge 3/32" Door Inset for 1-3/4" to 2-1/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- Frame leaf: #12-24 TEK flat head MS
- Door leaf: #12-24 TEK pan head MS and 1/4"-20 thru-bolts
- Standard lengths: 83", 85", 95", 119"



Narrow frame leaf allows NGP 2525 bulb seal
Concealed fastener cover on door leaf

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK & T.B. M.S.
- Cut to net length - specify door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs

Finishes:
A - anodized aluminum
DKB - dark bronze anodized



Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 7'2".

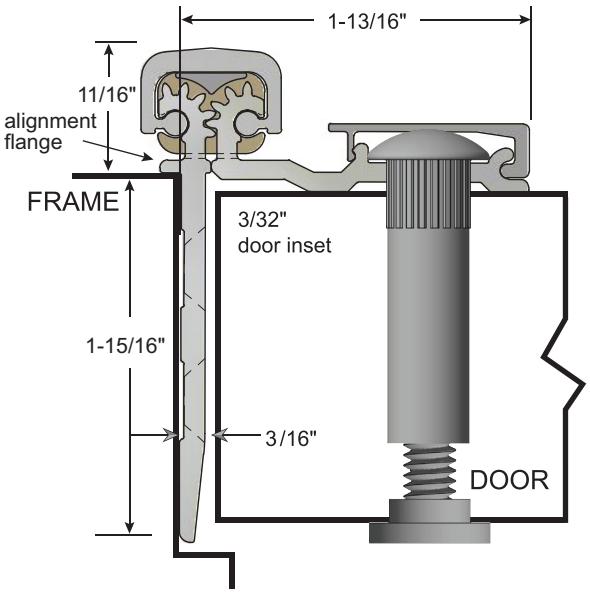
ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

HD5400

Half Surface Continuous Geared Hinge 3/32" Door Inset for 1-3/4" to 2-1/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- Frame leaf: #12-24 TEK flat head MS
- Door leaf: #12-24 TEK pan head MS and 1/4"-20 thru-bolts
- Standard lengths: 83", 85", 95", 119"



Frame leaf covers butt hinge preps
Concealed fastener cover on door leaf

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK & T.B. M.S.
- Cut to net length - specify door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs

Finishes:
A - anodized aluminum
DKB - dark bronze anodized



10C

Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 7'2".

BHMA CERTIFIED

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

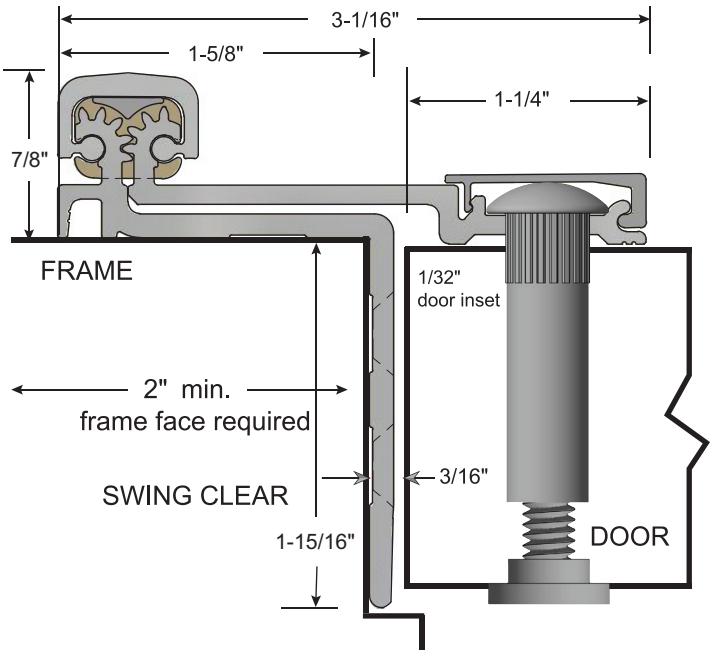
Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

HD4200

Half Surface Swing Clear Continuous Geared Hinge 1/32" Door Inset for 1-3/4" to 2-1/4" Doors

Continuous geared aluminum hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Aluminum alloy 6063-T6; Anodized after machining
- Specially designed involute intermeshing gears
- Wear surfaces are lifetime anti-friction lubricated with a naturally hydrophobic graphite that doesn't attract dust or dirt
- Proprietary teflon infused self-lubricating wear resistant bearings
- No hinge reinforcement necessary except on extremely heavy, extremely high frequency or extra wide doors
- Lifetime of the door opening warranty
- Frame leaf: #12-24 TEK flat head MS
- Door leaf: #12-24 TEK pan head MS and 1/4"-20 thru-bolts
- Standard lengths: 83", 85", 95", 119"



Frame leaf covers butt hinge preps
Concealed fastener cover on door leaf

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK & T.B. M.S.
- Cut to net length - specify door handing
- Dutch door prep - specify door handing, top door leaf length, and clearance between leafs

Finishes:
A - anodized aluminum
DKB - dark bronze anodized



Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leafs up to 4'0" x 7'2".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door
Grade 2 - 300 lb. door
Grade 1 - 600 lb. door

ETW8

Electric Thru Wire

Transfers electric power through the hinge to power certain types of electronic builders hardware.

Removable Electric Hinge Section

- 8 wires, 28 AWG
- Each wire is rated 50V AC/DC at 3.5A (max.) continuous, or 16A (max.) pulse; maximum pulse width is 400 msec with 10 second minimum off time between pulses
- 12" minimum wire leads
- 5 year warranty



ETW8 - Molex

Electric Thru Wire with Molex Connectors

- Same features as above with molex connectors installed on wires both sides

Available on Models

HD1100

HD2400 (Handed)

HD2700

Standard Locations

Hinge Length	Top of Hinge to Centerline
83"	40-1/2"
85"	42-1/2"
95"	52-1/2"
119"	76-1/2"

All sizes located 42-1/2" centerline from bottom of hinge.

EPT PREP

Electric Power Transfer Prep

Allows use of electric power transfer units required to power certain types of electronic builders hardware.

- Prep available for the following electric power transfer units
  - Von Duprin EPT-2, EPT-10, EPT-10C, PNT-1
  - Adams Rite 4612 (short version only)
  - Securitron EPT, EPT-SC, EL-EPT, EL-EPT-SC
  - Dorma ES105

Available on all concealed and half surface type hinges

Non-Handed Models:

HD1100 HD2700

Handed Models - Specify Door Hand

HD1400 HD1800 HD2400 HD4100
HD4200 HD5300 HD5400

Standard Locations:

Hinge Length	Top of Hinge to Centerline of Prep
83"	28-7/16"
85"	30-7/16"
95"	40-1/2"
119"	64-3/8"



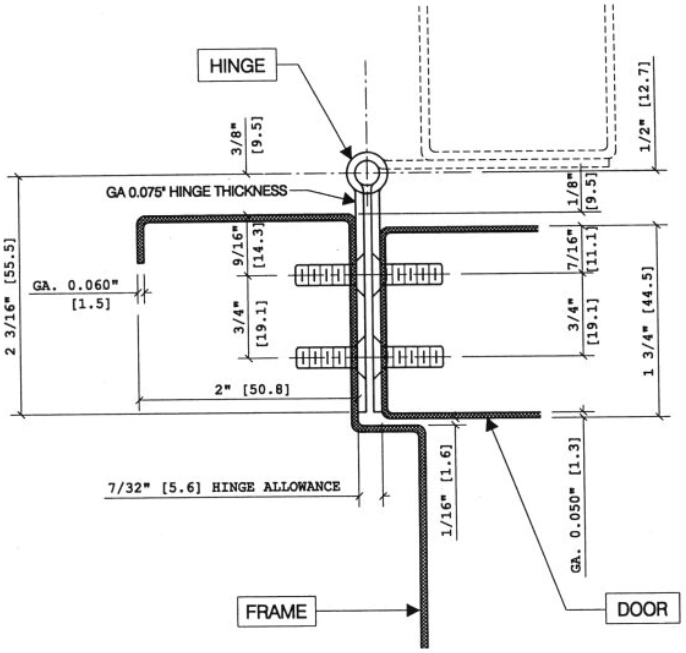
SS300

Stainless Steel Continuous Hinge Concealed, up to 1/8" Inset, for 1-3/4" Doors

Stainless steel continuous hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Heavy duty 14 gauge type 304 stainless steel
- Pin and barrel design
- Stainless steel hinge pins
- Medical type self-lubricating flanged bearings between each 2" knuckle provide dust-free quiet and smooth operation
- For doors weighing up to 600 lbs.
- 25 year warranty
- #10 x 1/2" TEK screws for metal doors and frames
- #10 x 1" wood screws for wood doors
- US32D (630) brushed finish
- Standard lengths: 83", 85", 95", 119"

FULL MORTISE (EDGE MOUNT)



Available Options:

- Torx security TEK Screws
- Cut to net length
- Anti-ligature welded hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, bottom door leaf length, and clearance between leafs
- Electric thru wire ETW8 - see page CH22
- Electric power transfer prep - see page CH22
- US32 (629) polished finish
- Welded tips for non-rising pins



Fire-rated 3 hours on hollow metal doors and 90 minute on wood doors. Maximum size 4'0" x 10'0".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door

SS305

Stainless Steel Continuous Hinge Full Wrap Edge Guard, Concealed for 1-3/4" Doors

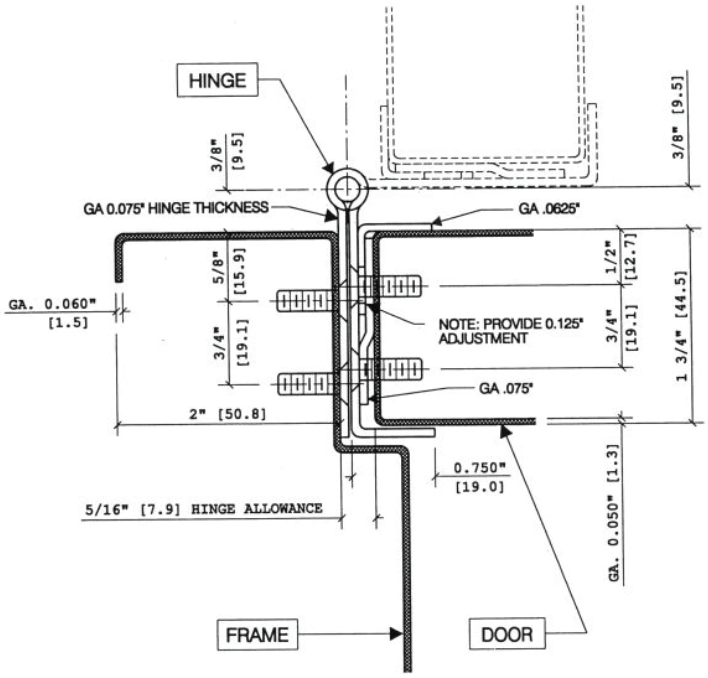
Stainless steel continuous hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Heavy duty 14 gauge type 304 stainless steel
- Pin and barrel design
- Stainless steel hinge pins
- Medical type self-lubricating flanged bearings between each 2" knuckle provide dust-free quiet and smooth operation
- For doors weighing up to 600 lbs.
- 25 year warranty
- #10 x 1/2" TEK screws for metal doors and frames
- #10 x 1" wood screws for wood doors
- US32D (630) brushed finish
- Standard lengths: 83", 85", 95", 119"

Available Options:

- Torx security TEK Screws
- Cut to net length - specify door handing
- Anti-ligature welded hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, bottom door leaf length, and clearance between leafs
- Electric thru wire ETW8 - see page CH22
- Electric power transfer prep - see page CH22
- US32 (629) polished finish
- Welded tips for non-rising pins

FULL WRAP EDGE GUARD (EDGE MOUNT)





Fire-rated 3 hours on hollow metal doors and 90 minute on wood doors. Maximum size 4'0" x 10'0".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door

SS315

Stainless Steel Continuous Hinge Half Wrap Edge Guard, Concealed for 1-3/4" Doors

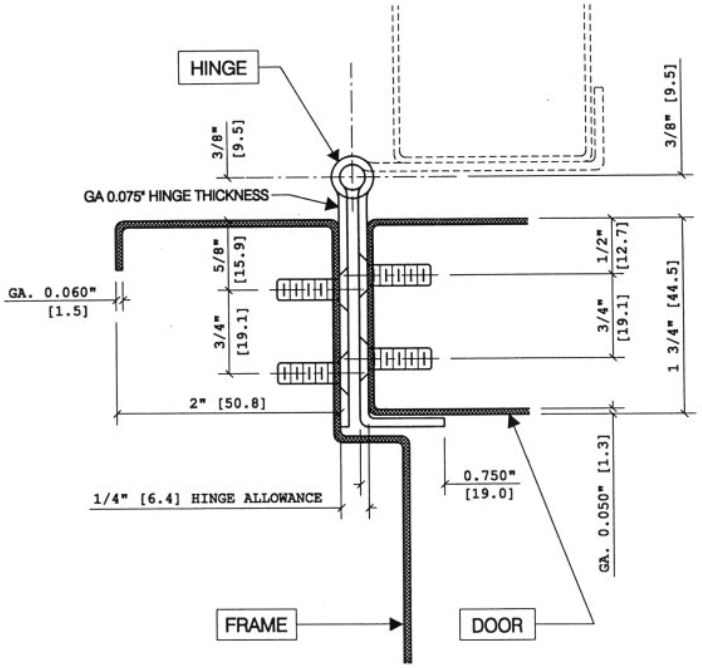
Stainless steel continuous hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Heavy duty 14 gauge type 304 stainless steel
- Pin and barrel design
- Stainless steel hinge pins
- Medical type self-lubricating flanged bearings between each 2" knuckle provide dust-free quiet and smooth operation
- For doors weighing up to 600 lbs.
- 25 year warranty
- #10 x 1/2" TEK screws for metal doors and frames
- #10 x 1" wood screws for wood doors
- US32D (630) brushed finish
- Standard lengths: 83", 85", 95", 119"

Available Options:

- Torx security TEK Screws
- Cut to net length - specify door handing
- Anti-ligature welded hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, bottom door leaf length, and clearance between leafs
- Electric thru wire ETW8 - see page CH22
- Electric power transfer prep - see page CH22
- US32 (629) polished finish
- Welded tips for non-rising pins

HALF WRAP EDGE GUARD (EDGE MOUNT)





Fire-rated 3 hours on hollow metal doors and 90 minute on wood doors. Maximum size 4'0" x 10'0".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door

SS311

Stainless Steel Continuous Hinge Swing Clear with Half Wrap Edge Guard, for 1-3/4" Doors

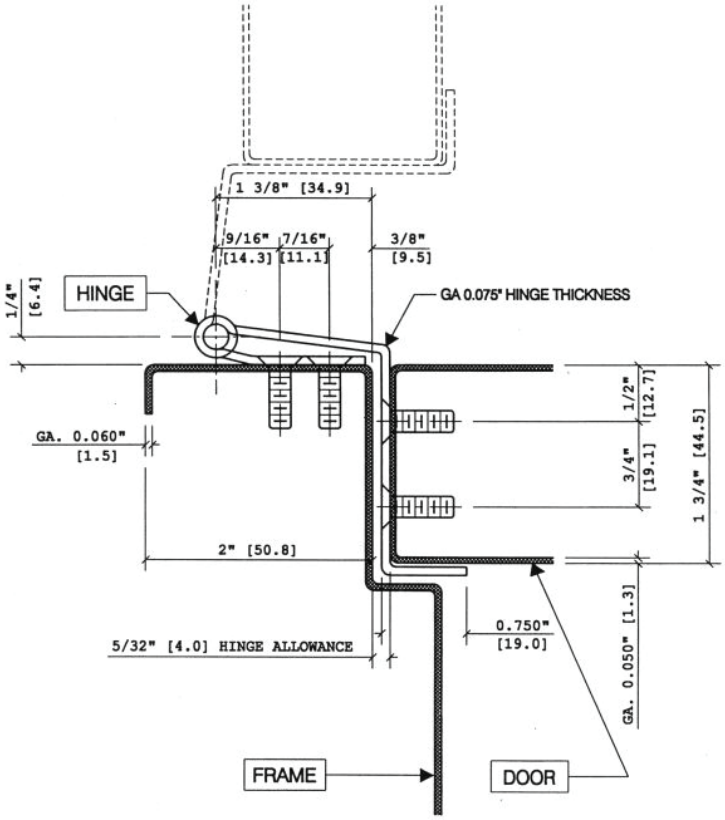
Stainless steel continuous hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

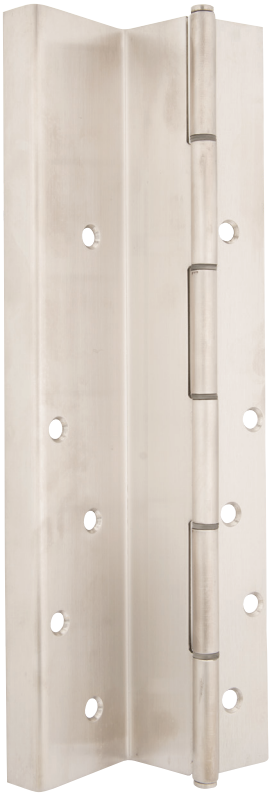
- Heavy duty 14 gauge type 304 stainless steel
- Pin and barrel design
- Stainless steel hinge pins
- Medical type self-lubricating flanged bearings between each 2" knuckle provide dust-free quiet and smooth operation
- For doors weighing up to 600 lbs.
- 25 year warranty
- #10 x 1/2" TEK screws for metal doors and frames
- #10 x 1" wood screws for wood doors
- US32D (630) brushed finish
- Standard lengths: 83", 85", 95", 119"

Available Options:

- Torx security TEK Screws
- Cut to net length - specify door handing
- Anti-ligature welded hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, bottom door leaf length, and clearance between leafs
- US32 (629) polished finish
- Welded tips for non-rising pins

SWING CLEAR HINGE GUARD





Fire-rated 3 hours on hollow metal doors and 90 minute on wood doors. Maximum size 4'0" x 10'0".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door

SS302

Stainless Steel Continuous Hinge Full Surface

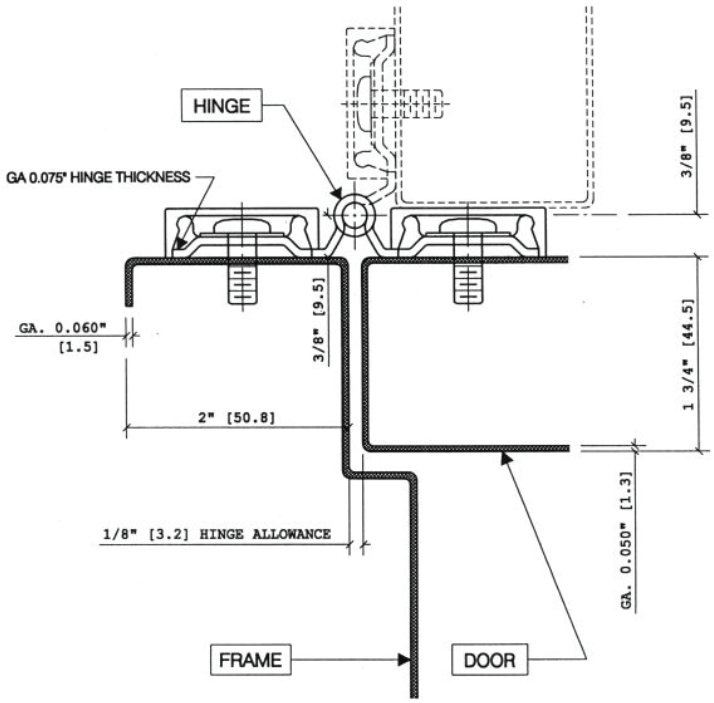
Stainless steel continuous hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Heavy duty 14 gauge type 304 stainless steel
- Pin and barrel design
- Stainless steel hinge pins
- Medical type self-lubricating flanged bearings between each 2" knuckle provide dust-free quiet and smooth operation
- For doors weighing up to 600 lbs.
- 25 year warranty
- #1/4-20 x 3/4" TEK screws for metal doors and frames
- US32D (630) brushed finish
- Standard lengths: 83", 85", 95", 119"

Available Options:

- Torx security TEK Screws
- Cut to net length - specify door handing
- Anti-ligature welded hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, bottom door leaf length, and clearance between leafs
- US32 (629) polished finish
- Welded tips for non-rising pins

FULL SURFACE (FLUSH)





Fire-rated 3 hours on hollow metal doors and 90 minute on wood doors. Maximum size 4'0" x 10'0".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door

SS304

Stainless Steel Continuous Hinge Half Mortise, for 1-3/4" Doors

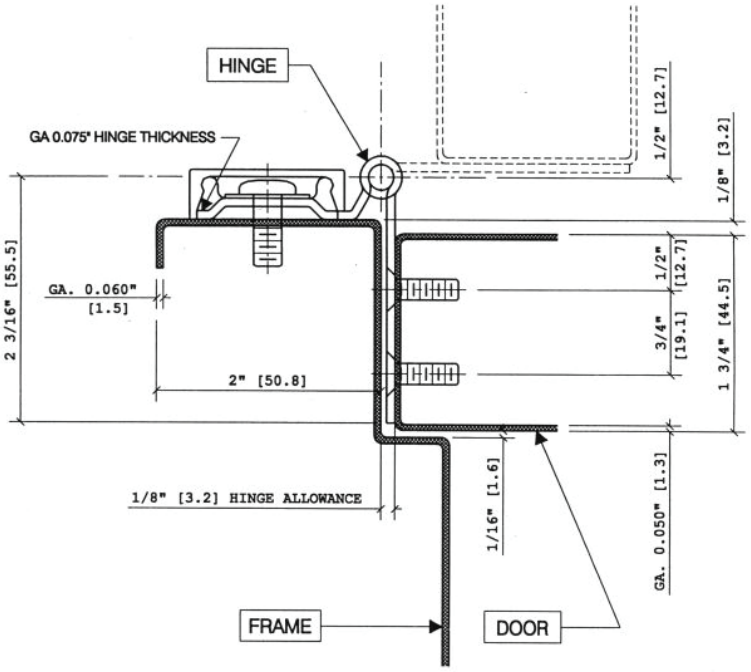
Stainless steel continuous hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Heavy duty 14 gauge type 304 stainless steel
- Pin and barrel design
- Stainless steel hinge pins
- Medical type self-lubricating flanged bearings between each 2" knuckle provide dust-free quiet and smooth operation
- For doors weighing up to 600 lbs.
- 25 year warranty
- #1/4-20 x 3/4" TEK screws for metal frames
- #10 x 1/2" TEK screws for metal doors
- #10 x 1" wood screws for wood doors
- US32D (630) brushed finish
- Standard lengths: 83", 85", 95", 119"

Available Options:

- Torx security TEK Screws
- Cut to net length - specify door handing
- Anti-ligature welded hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, bottom door leaf length, and clearance between leafs
- Electric power transfer prep - see page CH22
- US32 (629) polished finish
- Welded tips for non-rising pins

HALF MORTISE (EDGE MOUNT)





Fire-rated 3 hours on hollow metal doors and 90 minute on wood doors. Maximum size 4'0" x 10'0".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door

SS306

Stainless Steel Continuous Hinge Half Mortise with Half Wrap Edge Guard, for 1-3/4" Doors

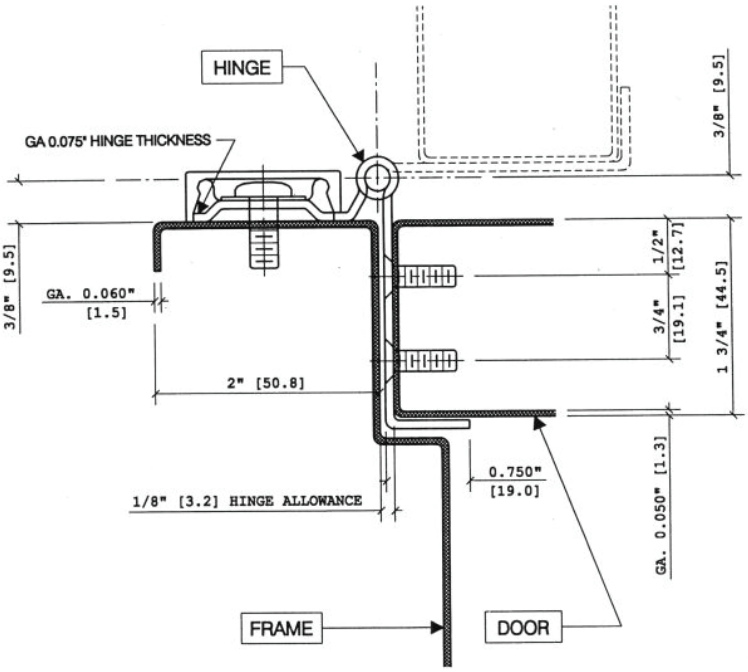
Stainless steel continuous hinges run the full height of the door evenly distributing the weight of the door along the full height of the frame. Ideal for high frequency and heavy weight doors in new construction and retrofit applications.

- Heavy duty 14 gauge type 304 stainless steel
- Pin and barrel design
- Stainless steel hinge pins
- Medical type self-lubricating flanged bearings between each 2" knuckle provide dust-free quiet and smooth operation
- For doors weighing up to 600 lbs.
- 25 year warranty
- #1/4-20 x 3/4" TEK screws for metal frames
- #10 x 1/2" TEK screws for metal doors
- #10 x 1" wood screws for wood doors
- US32D (630) brushed finish
- Standard lengths: 83", 85", 95", 119"

Available Options:

- Torx security TEK Screws
- Cut to net length - specify door handing
- Anti-ligature welded hospital tip - specify “ALHT”
- Dutch door prep - specify door handing, bottom door leaf length, and clearance between leafs
- Electric power transfer prep - see page CH22
- US32 (629) polished finish
- Welded tips for non-rising pins

HALF MORTISE/GUARD (EDGE MOUNT)





Fire-rated 3 hours on hollow metal doors and 90 minute on wood doors. Maximum size 4'0" x 10'0".

ANSI/BHMA certified to A156.26 American National Standard for Continuous Hinges:
Grade 1 - 150 lb. door

ETW8

Electric Thru Wire

Transfers electric power through the hinge to power certain types of electronic builders hardware.

Removable Electric Hinge Section

- 8 wires, 26 AWG
- Each wire is rated 24V AC/DC at 0.5A (max.) continuous or pulse
- 12" wire leads
- 5 year warranty

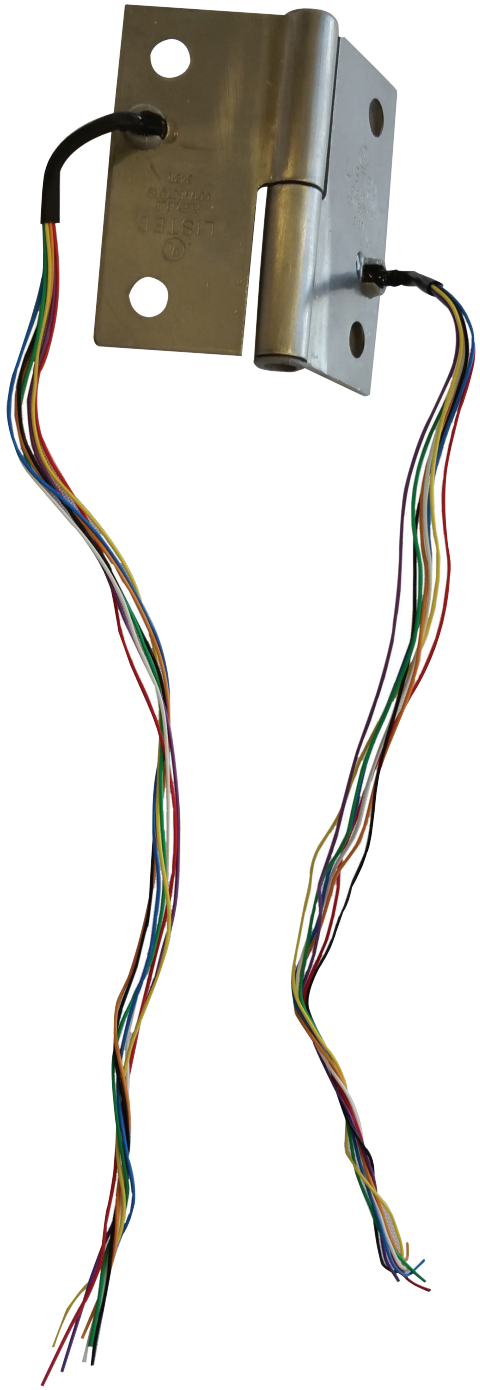
Available on Models:

SS300

SS305 (Handed)

SS315 (Handed)

Standard Location, all sizes: 39-5/8" centerline from bottom of hinge



EPT PREP

Electric Power Transfer Prep

Allows use of electric power transfer units required to power certain types of electronic builders hardware.

- Prep available for the following electric power transfer units
  - Von Duprin EPT-2, EPT-10, EPT-10C, PNT-1
  - Adams Rite 4612 (short version only)
  - Securitron EPT, EPT-SC, EL-EPT, EL-EPT-SC
  - Dorma ES105

Available on all concealed and half surface type hinges

Non-Handed Models:
SS300

Handed Models - Specify Door Hand
SS304, SS305, SS306, SS315

Standard Locations:

Hinge Length	Top of Hinge to Centerline of Prep
83"	28-7/16"
85"	30-7/16"
95"	40-1/2"
119"	64-3/8"