Aluminum Continuous Geared Hinge and Stainless Steel Continuous Hinge

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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 A156.26 American National Standard for Continuous Hinges

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
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
- 1/2 Torx security wood 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
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"

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- 1/2 Torx security wood 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
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"

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- 1/2 Torx security wood 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"

**Available Options:**
- #12 x 1-1/2" wood screws
- Torx security TEK screws
- 1/2 Torx security wood 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 leaves

**Finishes:**
- A - anodized aluminum
- DKB - dark bronze anodized

Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leaves 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
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"

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

Finishes:
A - anodized aluminum
DKB - dark bronze anodized

Fire-rated 90 minute on hollow metal (except steel stiffened) or wood door leaves 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"

**Available Options:**
- #12 x 1-1/2” wood screws
- Torx security TEK screws
- 1/2 Torx security wood screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip – specify “TIPIT-LG”
- 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.

- 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.
- 1/2 Torx security wood screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip – specify “TIPIT-LG”
- 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
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.

- 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.
- 1/2 Torx security wood screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip - specify “TIPIT-LG”
- 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
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"

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK & T.B. M.S.
- 1/2 Torx security wood screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip – specify “TIPIT-LG”
- 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"

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK & T.B. M.S.
- 1/2 Torx security wood screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip – specify “TIPIT-LG”
- 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
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"

Available Options:
- #12 x 1-1/2" wood screws
- Torx security TEK & T.B. M.S.
- 1/2 Torx security wood screws
- Cut to net length - specify door handing
- Anti-ligature hospital tip – specify “TIPIT-LG”
- 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**

<table>
<thead>
<tr>
<th>Hinge Length</th>
<th>Top of Hinge to Centerline</th>
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<tr>
<td>83”</td>
<td>40-1/2”</td>
</tr>
<tr>
<td>85”</td>
<td>42-1/2”</td>
</tr>
<tr>
<td>95”</td>
<td>52-1/2”</td>
</tr>
<tr>
<td>119”</td>
<td>76-1/2”</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Hinge Length</th>
<th>Top of Hinge to Centerline of Prep</th>
</tr>
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<tbody>
<tr>
<td>83&quot;</td>
<td>28-7/16&quot;</td>
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<tr>
<td>85&quot;</td>
<td>30-7/16&quot;</td>
</tr>
<tr>
<td>95&quot;</td>
<td>40-1/2&quot;</td>
</tr>
<tr>
<td>119&quot;</td>
<td>64-3/8&quot;</td>
</tr>
</tbody>
</table>
TIPIT® LG

Anti-ligature Hospital Tip

For use in Hospitals, Correctional Facilities, Schools and other Institutions

Make rooms safer and meet legal requirements by retrofitting doors with the patented TIPIT® hospital tip. The tip deters patients or inmates from harming themselves by hanging objects from the hinge.

- Prevents objects from being attached to top of hinge (ligature-resistant)
- Made from durable, high-tech polymer
- Securely fastens to door frame header
- Works for retrofit or new applications
- Fits most other brands of geared continuous hinges
- Includes #10 Torx® SST security screws
- Color: Gray

TIPIT hospital tip works with our geared continuous hinges to meet institutional requirements for preventing objects from being hung from the hinge.

Order the TIPIT hospital tip with any new geared continuous hinge, or add this safety feature to most other brands of full surface, half surface, concealed or swing clear geared continuous hinges (new or retrofit applications).

ALHT

Anti-ligature Hospital Tip

For use in Hospitals, Behavioral Health, Prisons and anywhere anti-ligature protection is required.

Available on concealed model hinges only.
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"

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

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

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

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

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

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

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

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**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:**

<table>
<thead>
<tr>
<th>Hinge Length</th>
<th>Top of Hinge to Centerline of Prep</th>
</tr>
</thead>
<tbody>
<tr>
<td>83&quot;</td>
<td>28-7/16&quot;</td>
</tr>
<tr>
<td>85&quot;</td>
<td>30-7/16&quot;</td>
</tr>
<tr>
<td>95&quot;</td>
<td>40-1/2&quot;</td>
</tr>
<tr>
<td>119&quot;</td>
<td>64-3/8&quot;</td>
</tr>
</tbody>
</table>