



INDC CONTINUOUS GEAR HINGES

CONTINUOUS HINGES

ALUMINUM GEARED HINGES

IDC Continuous Gear Hinges are all heavy duty. All hinges have double the number of bearings of standard duty hinges and are pin less. There are no accessible screws, bolts or pins when the door is closed. IDC gear hinges are surface applied to the frame and door. No machining is required. Whether surface mount or concealed, the IDC continuous gear hinges eliminate the gap between the door and frame, and provide a weatherproof, tamper-proof barrier. The IDC gear hinge is templated and the hole pattern is the same from hinge to hinge. All units (except A130) are UL Listed.

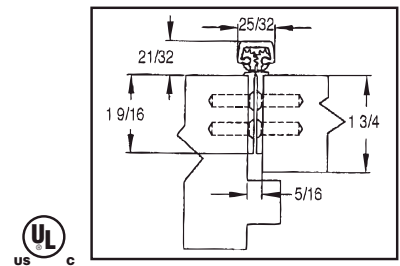
- Extruded 6063-T6 aluminum alloy
- Polyacetal thrust bearings
- 83", 85", 95" and 120" are standard – Other sizes available
- IDC continuous gear hinges are offered in 30 minute clear anodized and 2-step dark bronze anodized
- IDC gear hinges are non-handed unless cut in the field. When field cut, the hinge becomes handed
- #12-24 x 1/2" self-drilling screws standard for concealed hinges. Wood and security screws available.
- IDC can provide any custom mounting hole location per customer specifications.

UL listed for all Models (except 130) for the following rated doors:

- Swing Type Metal and Wood Doors up to 1 hour without Fire Studs
- Swing Type Wood Doors up to 1-1/2 hour with Fire Studs
- Swing Type Metal Doors up to 1-1/2 hour without Fire Studs
- Swing Type Metal Doors up to 3 hours with Fire Studs

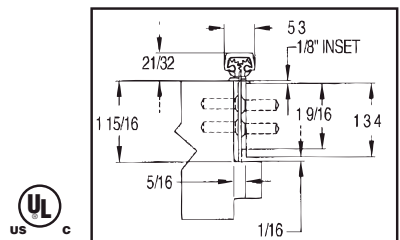
CONCEALED IDCA110HD / IDCA110LL

- For new construction
- For renovation with new doors and/or frames
- No mortising of doors or frames required
- Will cover butt hinge cutouts in old frames
- Flush Mount, no inset
- For doors up to 450 lbs.
- LL for doors up to 1000 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



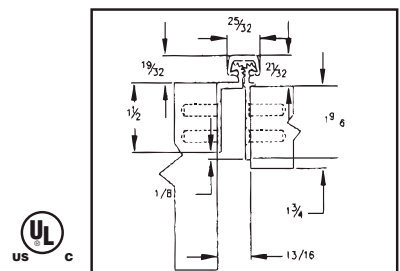
CONCEALED IDCA111HD / IDCA111LL

- 1/8" inset
- For new construction
- For renovation with new doors and/or frames
- Will cover butt hinge cutouts in old frames
- For doors up to 450 lbs.
- LL for doors up to 1000 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



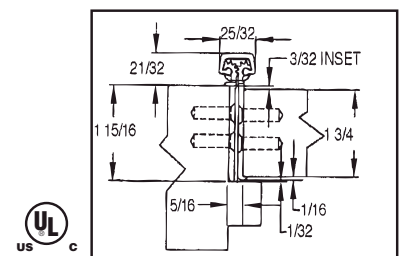
CONCEALED IDCA130HD SAFETY HINGE

- Used without frame stop
- 13/16" leaf clearance
- For new construction
- For renovation with new doors and/or frames
- No mortising of doors or frames required
- Will cover butt hinge cutouts in old frames
- 1/16" inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



CONCEALED IDCA240HD/IDC240LL

- For new construction
- For renovation with new doors and/or frames
- No mortising of doors or frames required.
- Will cover butt hinge cutouts in old frames
- 3/32" door inset
- Door Edge Protector
- For doors up to 450 lbs.
- LL for doors up to 1000 lbs.



International Door Closers, Inc.

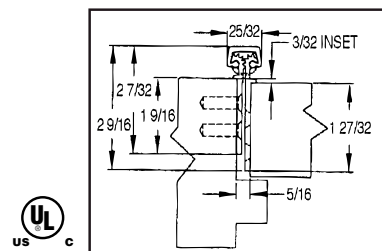
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www.intldoorclosers.com

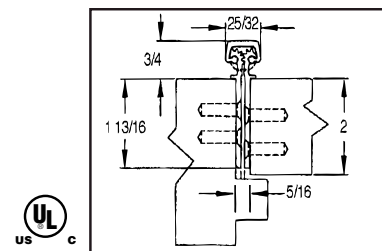
IDCA260HD FOR 2" DOORS

- Concealed
- For new construction
- For renovation with new doors and/or frames
- No mortising of doors or frames required
- Will cover butt hinge cutouts in old frames
- Staggered hole pattern
- 3/32" door inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



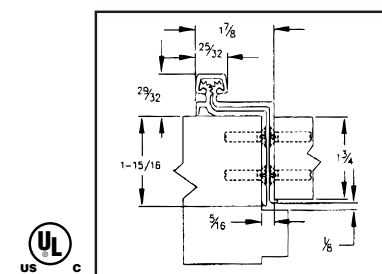
IDCA270HD / IDCA270LL FOR 2" DOORS

- Concealed
- For new construction
- For renovation with new doors and/or frames
- No mortising of doors or frames required
- Will cover butt hinge cutouts in old frames
- Flush Mount, no inset
- For doors up to 450 lbs.
- LL for doors up to 1000 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



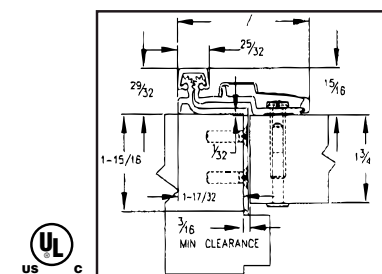
IDCA410HD / IDCA410LL SWING CLEAR

- Concealed
- For new construction
- For renovation with new doors and/or frames
- No mortising of doors or frames required
- Will cover butt hinge cutouts in old frames
- Flush Mount, no inset
- For doors up to 450 lbs.
- LL for doors up to 1000 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



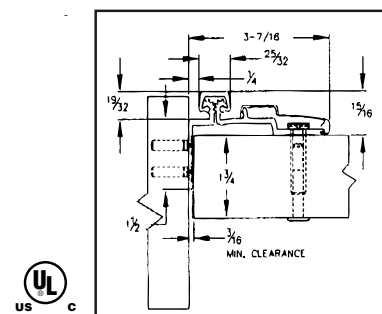
HALF SURFACE IDCA211HD SWING CLEAR

- Half Surface
- Frame leaf wrap around for damaged frames
- For renovation with new doors and/or frames
- No mortising of doors or frames required
- Will cover butt hinge cutouts in old frames
- 1/32" inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



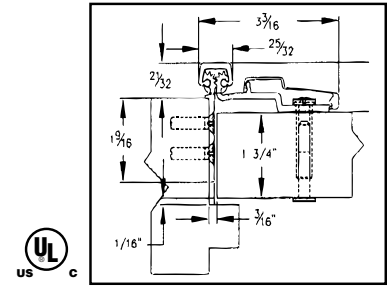
IDCA213HD

- For large edge radius or center hung doors or finger guards with long reach
- For new construction
- For renovation with new doors and/or frames
- No mortising of doors or frames required
- Will cover butt hinge cutouts in old frames
- 3/32" door inset
- Door Edge Protector
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



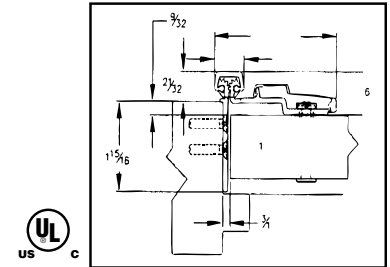
IDCA450HD

- Half Surface
- Frame portion ribbed for proper alignment
- For new construction
- For renovation with new doors and/or frames
- No mortising of doors or frames required
- Will cover butt hinge cutouts in old frames
- 1/4" door inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



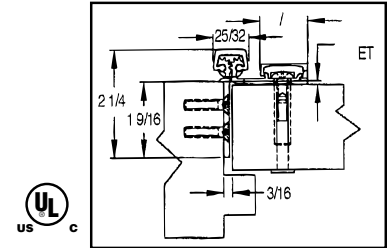
IDCA460HD

- Half surface
- Frame leaf ribbed for proper alignment
- 1-15/16" frame leaf
- 9/32" inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



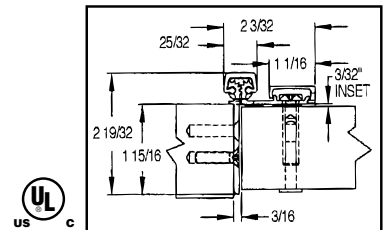
IDCA530HD

- Half surface
- 1-9/16" frame leaf
- Permanent replacement for existing frame and new door
- 3/32" inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



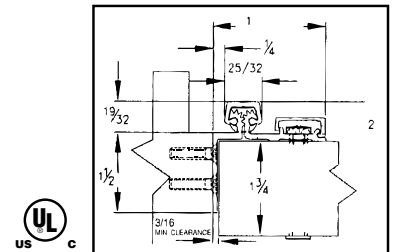
IDCA540HD

- Half surface
- 1-29/32" frame leaf
- Permanent replacement for existing frame and new door
- 3/32" inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



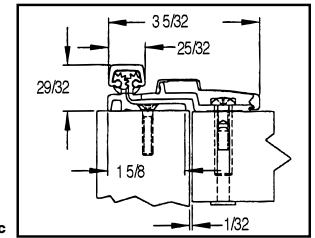
IDCA550HD

- Half surface
- For center hung and double egress conversion
- 1-29/32" frame leaf
- Permanent replacement for existing frame and new door
- 3/32" inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



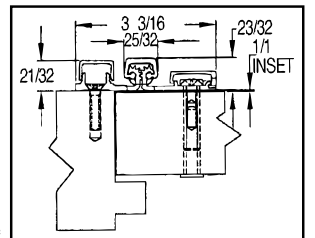
FULL SURFACE IDCA210HD SWING CLEAR

- Full Surface
- Swings door completely out of door opening
- Permanent replacement for existing doors and frames
- For new construction
- Flush mount, no inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



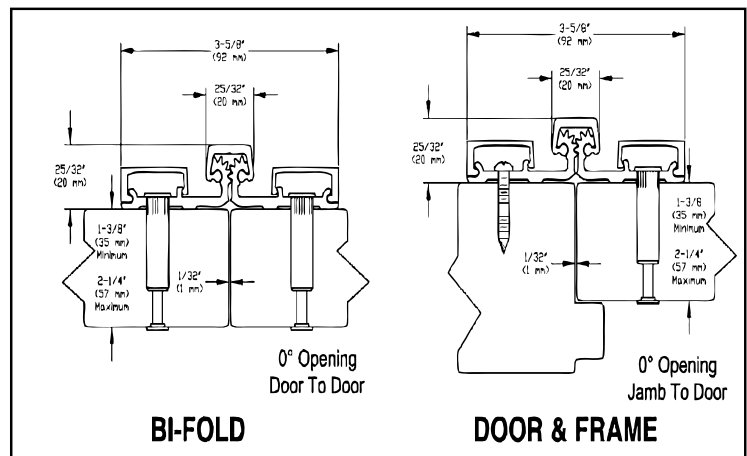
IDCA570HD FOR NARROW FRAMES

- Full surface
- 7/8" minimum frame
- Permanent replacement for existing doors and frames
- 1/16" inset
- For doors up to 450 lbs.
- 83" can be field cut to 79" without cutting thru a bearing or mounting holes



IDCA571HD WIDE STILE

- For Door and Frame or Bifold applications (indicate on order)
- 79", 83", 85", 95", 120" standard – Custom lengths available
- Self Drilling Screws Standard
- Flush Mount, no inset
- 83" can be cut in the field to 79" without cutting through a hole or bearing
- For Doors up to 450#



POWER TRANSFER GEAR HINGES

All full length full concealed gear hinges (except A130 and A410) can be provided with 4 or 8 28ga. concealed power transfer wires

CONCEALED THRU WIRE

- For all full concealed models (except A130 and A410)
- TW4 - (4) 28ga. wire - 1 locations
- TW8 - (8) 28ga. wire - 2 locations
- TW12 - (12) 28ga. - 2 locations



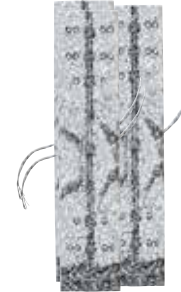
MOVEABLE GEAR HINGE

- The door and frame leaves are cut to allow access to wires for concealed thru-wires, contacts or monitoring switches without taking hinge off the door and frame
- Available with (4) or (8) 28ga. wire, or (2) 18ga. wire and/or contacts and switches
- Available for all full length, full concealed hinges (except A130 and A410)
- Add suffix M



REMOVABLE GEAR HINGE

- Same as Moveable except the entire access portion can be removed completely from the door and frame
- Available with (4) or (8) 28ga. wire, or (2) 18ga. wire and/or contacts and switches
- Add suffix R



4" REMOVABLE

- This piece can be mounted at the top or bottom of the door and is used in conjunction with full length hinges less 4".
- Available with (4) or (8) 28ga. wire, or (2) 18ga. wire and/or contacts and switches
- For all models of full concealed hinges (except A130 and A410)
- Contact factory or go on-line for order form
- AXXXRC4 - 4 wire, Clear AL
- AXXXRD4 - 4 wire, Dk Bronze
- AXXXRC8 - 8 wire, Clear AL
- AXXXRD8 - 8 wire, Dk Bronze
- AXXXRC2 - 2 wire, Clear AL
- AXXXRD2 - 2 wire, Dk Bronze



HOW TO ORDER ALUMINUM GEAR HINGES

Example: IDCA110HDD085

1st - 7th Digit defines series IDCAXXX
8th & 9th digits indicates hinge type HD=Heavy Duty, LL= Lead Lined
10th digit indicates finish C=Clear Aluminum, D=Dark Bronze
11th - 13th digits defines lengths 079, 083, 085, 095, 120
13th + digits indicates options

OPTIONS

F - For fire rated doors (Indicate rating)
EC - Exposed Electrical Contacts. Indicate number of contacts, handing
ES - Exposed Electrical Switch. Indicate handing
TW - Concealed Electrical Through Wire . Indicate (2) 18ga. wire, (4) 28ga. wire, (8) 28ga. wire or (12) 28ga. wire
EM - Concealed Electric Monitoring. Indicate handing
WM- Concealed Electric Through Wire and Monitoring. Indicate number of wires and handing
PT - Power Transfer - Specify dimension from the top of the hinge to the center line of the power transfer cut-out and handing
M - Moveable
R - Removable
DD- Dutch Door
Contact factory or go on-line for order forms for all electrical and special hinges