HINGES / ALUMINUM CONTINUOUS GEARED HINGES

Model No. A110HD, A110LL†

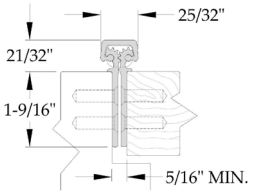
Standard & Heavy Duty - Full Mortise

†For Lead-Lined Doors









FINISHES US28 (Clear), 314 (Dark Bronze), 315 (Black), Custom Finishes Available

MATERIAL 6063-T6 Extruded Aluminum

FEATURES

- No Door Inset, Flush Mount
- Supports Doors Up to 450 lbs. and 48" Wide (For Lead-Lined Doors: 1,000 lbs. Max)
- Anodization Post Milling & Drilling
- Standard Lengths: 79", 83", 85", 95", and 120" (Custom Cut Lengths at No Additional Charge)
- Average Weight Per Unit: 11 lbs.
- UL/ULC Listed
- BHMA Grade 1
- Lifetime Warranty

FASTENERS

- #12-24 X 3/4" Undercut Self-drilling, Thread Forming Tek Machine Screws (Included)

FIRE RATING

- Approved for Use on Metal Swinging Type Fire Doors Rated Up to and Including 90 Minutes
  (Specify '**FR**' Option for 3 Hour Rating)
- Approved for Use on Wood Swinging Type Fire Doors Rated Up to and Including 60 Minutes
  (Specify '**FR**' Option for 90 Minute Rating)

REINFORCEMENT

- **Door Side -** Not Required for Door Weight up to 200 lbs.
  (ABH recommends a minimum 12 gauge plate/channel for heavier doors.)
- **Frame Side -** Not Required for Door Weight up to 200 lbs.
  (For doors more than 200 lbs., a 16 gauge channel is recommended.)

BABA BUILD AMERICA, BUY AMERICA COMPLIANT

BHMA CERTIFIED

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Our Parts Are Made of MORE.

Architectural Builders Hardware Manufacturing Inc.
740 Hilltop Drive, Itasca, IL 60143
TEL 630.875.9900 FAX 800.932.9224

Don't be shy. If you have any ?s call on us.

HINGES / ALUMINUM CONTINUOUS GEARED HINGES

ARCHITECTURAL BUILDERS HARDWARE

Electrical Options

CODE	DESCRIPTION
EA12	Easy Access (12) 22 AWG Super Flex Ribbon Through Wire
EA12-EZ	Easy Access (12) 22 AWG Super Flex Ribbon Through Wire with EZ Connectors
R	Removable Electrical Access Prep for Electrified Portion (Serviceable)
PT	Electrical Power Transfer Prep (Specify Electrical Power Transfer Model & Location)
EM	Concealed Electrical Magnetic Monitoring Switch
ES	Exposed Electrical Monitoring Switch

Non-Electrical Options

CODE	DESCRIPTION
FR	Stainless Steel Fire Studs for 3-Hour UL Listing (ABH Standard = 90 Minute - No Charge)
HT	Welded Hospital Tip for Full Concealed Models (Specify Handing)
WEDGE-FM	Safety Wedge for Full Mortise Models
AHT-FM	Advanced Hospital Tip for Full Mortise Ligature Resistant Applications (Specify Handing)
LR-BEAR	Ligature-Resistant Bearings (Not Compatible With A570TW2)
DD	Dutch Door Prep
SEC	Security Fasteners for all Exposed Fasteners (Specify Door & Frame Material)
SC	School Cap
STUD	Security Studs

CODE	DESCRIPTION
CUT	Cut to Custom Length (Specify Length & Handing)
TR	Tamper-Resistant (Hospital Tip, Every Other Bearing has a Set Screw) & Security Fasteners (Specify Door & Frame Material)
TR-AHT-FM	Tamper-Resistant (Advanced Hospital Tip, Every Other Bearing has a Set Screw) & Security Fasteners (Specify Door & Frame Material) for Full Mortise
SPLICE	120 ” - 144” Long Hinge (Specify Length & Handing)
SL	Sheared Leaf for 1 ” Door (Concealed Leaf Only)
ADB	Cut for Automatic Door Boom (Specify ADB Make & Model)
NO HOLE	Hinge Leaves Provided Without Screw Holes
CUSTOM FINISH	Custom Finish (Anodizing or Powder Coat)

Accessories

CODE	DESCRIPTION
EA12-EZ RIBBON	Easy Access (12) 22 AWG Super Flex Ribbon Through Wire
EA COVER	Easy Access (12) 22 AWG Super Flex Ribbon Through Wire with EZ Connectors
R-EA12EZ-4	Removable Electrical Access Prep for Electrified Portion (Serviceable)

CODE	DESCRIPTION
GHSHIM-83-063	Shim 1/16" Thick x 1½" Wide x 83" Long, Aluminum, Clear Anodized
GHSHIM-83-125	Shim ⅛" Thick x 1½" Wide x 83" Long, Aluminum, Mill Finish
GHSHIM-120-063	Shim 1/16" Thick x 1½" Wide x 120" Long, Aluminum, Clear Anodized
GHSHIM-120-125	Shim ⅛" Thick x 1½" Wide x 120" Long, Aluminum, Mill Finish

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