



112HD Full Mortise - Narrow Frame and Door Leaf

UL10C certified

Meets ANSI 156.26 for 150lbs

- For 1 3/4" Doors
- Spread bearing design
- Non Handed for custom cut lengths
- Flush Mounted, No inset
- 48" Maximum Door Width
- Beveled or Square Edge Doors
- For doors weighing up to 450 pounds without reinforcing, 600 pounds with reinforcing

Standard lengths 83", 85", 95", 120"

Standard Mounting Hardware

12-24 x 3/4" Steel Self Drilling / Self Tapping Phillips Head Screw

Finishes

Clear Anodized (US28), Dark Bronze Anodized (313AN)

Custom Anodizing and Painting are available, consult factory

Options:

HT	Hospital Tip
EPT	Electric Power Transfer
TWP CON*	Through Wire Panel with Allegion Connect
TWP*	Electrical Through Wire Panel
TW8	Electrical Through Wire

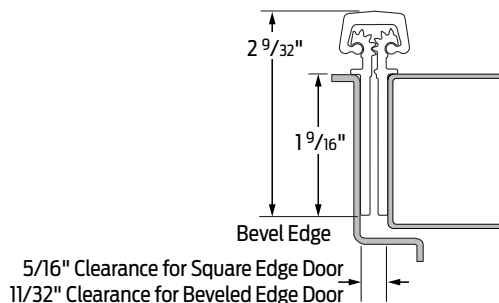
Optional Mounting Hardware:

SEC/HM	Security Screws - Hollow Metal Door and Frame
SEC/WD/HM	Security Screws - 1/2 Wood, 1/2 Hollow Metal
TF	Thread Forming Screws
TEK/WD	1/2 Self Drill, Self Tap 1/2 Wood
WD	Wood Door and Frame

*TWP only available on lengths <= 95"

For Single Door Applications

For pairs of doors see chart and general information
Hospital tip recommended for retrofit only



General Information - Electrification Options

ELECTRIC POWER TRANSFER (EPT) AVAILABLE ON HD AND XY MODELS

Electric power transfer provides the most secure and best solution for transferring power from the door frame to the edge of a swinging door. Ives Continuous Hinges provide standard cut outs to fit Von Duprin EPT-2, EPT-10 and PNT-1 devices. Consult factory for other electrical cut out options. Door handing is required.

ELECTRICAL THROUGH-WIRE PANEL (TWP) FOR HD MODELS

The HD continuous hinge with Through-Wire Panel features a three piece hinge design. It includes top and bottom main hinges sections and a 4 1/2" tall through-wire panel. The panel can be removed for service and replaced as needed. Provides electric power transfer from the frame to the door via a ribbon cable in order to supply power to an electrified mortise or cylindrical locks, exit devices with electric latch retraction, and/or electric strikes (pairs of doors). Through-wire is rated 50 volts AC/DC at 3.5 amp continuous and 16 amp pulse. Maximum pulse 400 milliseconds. Ives through-wire hinges are fully compatible with 4 wire and 8 wire installations. Recommended for low frequency usage. Warrantied up to 250,000 cycles

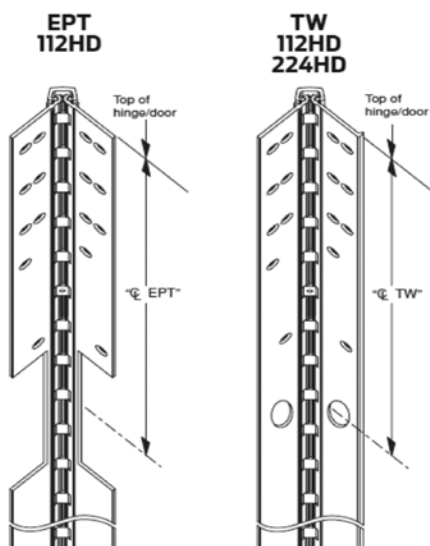
ELECTRICAL THROUGH-WIRE (TW8) FOR HD MODELS ONLY

Recommended for low frequency usage. Provides electric power transfer from the frame to the door via a ribbon cable in order to supply power to an electrified mortise or cylindrical locks, exit devices with electric latch retraction, and/or electric strikes (pairs of doors). Through-wire is rated 50 volts AC/DC at 3.5 amp continuous and 16 amp pulse. Maximum pulse 400 milliseconds. Ives through-wire hinges are fully compatible with 4 wire and 8 wire installations. Requires the door to be torn down for maintenance. Warrantied up to 250,000 cycles.

NEW ELECTRICAL THROUGH-WIRE PANEL WITH ALLEGION CONNECT (TWP CON) (XY MODELS ONLY)

The most secure and best solution for powering your door. The redesigned XY Through-Wire Panel is heavy duty and easy-to-install. Hinge consists of single piece cover design for improved aesthetics and three sections with a standard bottom length and through wire panel location. The panel can quickly slip in and out of the the hinge for maintenance and replacement. Unlike all of the other manufacturer solutions, the XY through-wire panel maintains a one piece appearance on the cover side of the hinge. The new wire design features a teflon coated wire which greatly improves performance and durability. The new panel also comes standard with the Allegion Connect 8-pin Connector which makes it easy to connect to other electrical consumption devices. Warrantied for up to 5 years. Door handing is required.

Provides electric power transfer from the frame to the door in order to supply power to an electrified mortise or cylindrical locks, exit devices with electric latch retraction, and/or electric strikes (pairs of doors). Through-wire is rated 50 volts AC/DC at 3.5 amp continuous and 16 amp pulse. Maximum pulse 400 milliseconds. Ives through-wire hinges are fully compatible with 4 wire and 8 wire installations.



ELECTRICAL CUTOUTS

Ives Aluminum Continuous Hinges are available with factory modified cutouts to accommodate most electrical frame to door requirements. Special templates are required.

WHEN ORDERING INDICATE THE FOLLOWING:

1. Opening size.
2. Handing. LH, RH, LHR or RHR.
3. Manufacturer and model number of the electrical product being used. Example; Von Duprin ETPT2

Because clearances may vary between door and frame manufacturer, and locations can be influenced by the door hardware it is always recommend contacting Ives Customer Technical for specific template information.

Below are standard locations for Von Duprin EPT2 or EPT10, and monitor switch.

In accordance with industry standards, all cutouts are made from Top Edge of Door to Center Line of Cut-Out

Note: See ordering guide in price book for proper placement.

Standard Length	HD	HD	HD	XY	XY
	EPT	TW8	TWP	EPT	TWP CON
83"	30"	41-1/2"	41-1/2"	30"	43.5"
85"	32"	42-1/2"	42-1/2"	32"	45.5"
95"	42"	57-3/4"	57-3/4"	42"	55.5"
119" (XY)	-	-	-	66"	79.5"
120" (HD)	67"	81-25/32"	81-25/32"	-	-

HD TWP Option centered in hinge. XY TWP CON is located 39.5 inches from bottom of the hinge. Consult factory for TWP locations on custom length hinges.