

# FC

## S ■ E ■ R ■ I ■ E ■ S

### CONTINUOUS GEAR FULLY CONCEALED HINGE

*Durable and attractive, these continuous gear hinges are the right answer to provide maximum life for your entrance. Twice the number of bearings as standard duty gear hinges means you can hang heavy doors with confidence. The attractive anodized finishes will last and the concealed fasteners provide great security.*

- **CL - Clear**
- **BR - Dark Bronze**
- **BL - Black**
- **Painted\***

*\*Consult factory for details*

### Fully Concealed FC110-Flush

- No mortising of doors or frames required
- Flush mount, no inset
- Doors up to 450 lbs.
- 83" units can be cut down up to 4" without changing bearings or mounting holes



### Fully Concealed FC111-1/8" Inset

- No mortising of doors or frames required
- 1/8" inset
- Doors up to 450 lbs.
- 83" units can be cut down up to 4" without changing bearings or mounting holes



AVAILABLE SIZES:  
83", 95" and 120"

#12-24x1/2" Self Drilling  
Mounting Screws Included

Hinges are Non-Handed  
(prior to field cutting)

### Concealed FC240-3/32" Inset

- 3/32" inset
- 1-3/4" thick door
- Doors up to 450 lbs.
- 83" units can be cut down up to 4" without changing bearings or mounting holes



### Half Surface Mount FC530

- 3/32" inset
- 1-9/16" frame leaf
- Doors up to 450 lbs.
- 83" units can be cut down up to 4" without changing bearings or mounting holes



### Full Surface Mount FC570

- 1/16" inset
- 1-7/8" minimum frame
- Doors up to 450 lbs.
- 83" units can be cut down up to 4" without changing bearings or mounting holes



**FC**

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**ELECTRICAL OPTIONS**

- “EA”** – Concealed Electrical Thru-Wire  
Transfers power from the frame to the door in a discreet manner.

  - EA12 - (12)  
Ultra-Flexible 22 AWG Wires
- “EAEZ”** – Concealed Electrical Thru-Wire with Molex® Connectors  
Wires are supplied with Molex® connectors installation ease.

  - EA12-(12)  
Ultra-Flexible 22 AWG Wires
- “PT”** – Cut-out Prep for Power Transfer Hinge is prepped for electrical power transfer unit - must specify power transfer unit being used and location of cut-out desire. Consult factory.
- “ES”** – Exposed Electrical Monitoring Switch  
Push button switch is installed in the frame leaf to monitor the door position. Specify handing.
- “MT”** – Concealed Electrical Thru-Wire and Magnetic Monitoring Switch  
Magnetic switch is installed in the frame leaf to monitor the door position while the wires transfer power from the frame to the door.

  - EA12-MT-(12)  
Ultra-Flexible 22 AWG wires
  - Magnetic Monitoring Switch



**Electrical Options - Capability Chart**

Model #	TW	EZ	PT	ES	MT
FC110	•	•	•	•	•
FC111	•	•	•	•	•
FC240	•	•	•	•	•
FC530			•		
FC570					