

Hinges and pivots

Aluminum geared continuous hinges

045XY

Half surface - narrow frame leaf, wide door leaf

- Half surface for retrofit or new construction
- Frame leaf depth $1\frac{9}{16}$ "
- Patented center loaded, interlocking bearing design
- XY (lateral and vertical) adjustability while hanging the door
- Pinch point between cover and door is eliminated
- Non-handed for custom cut lengths
- $\frac{9}{32}$ " door inset
- Frame guidance lip is extended further for retrofit applications to cover existing heavy weight architectural hinge preps
- For doors weighing up to 450 pounds without reinforcing, 600 pounds with reinforcing

Specifications

Standard length	83", 85", 95", 119"
Standard mounting hardware	<ul style="list-style-type: none"> ▪ $\frac{1}{4}$"-20 x $\frac{3}{4}$" Phillips-head machine screws and pan head through bolts ▪ 12-24 x $\frac{3}{4}$" Steel self drilling/self tapping hex head screw ▪ 12-24 x $\frac{3}{4}$" Steel self drilling/self tapping Phillips-head screw
Certifications	<ul style="list-style-type: none"> ▪ Exceeds Grade 1 ANSI/BHMA 156.26 for 150lbs and 300lbs ▪ UL10C listed (90 min)

Optional mounting hardware

SECHM	Security screws - hollow metal door and frame
SECWDHM	Security screws - $\frac{1}{2}$ wood, $\frac{1}{2}$ hollow metal
SECWDWD	Security screws - wood door and frame
TEKSWD	$\frac{1}{2}$ Self drill, self tap $\frac{1}{2}$ wood
WD	Wood door and frame

Finishes

BHMA	Description	Substrate	Finish
628	Clear Aluminum Anodized	Aluminum	US28
710	Dark Bronze Anodized	Aluminum	313AN
711	Black Anodized	Aluminum	315AN

Custom anodizing and painting are available, consult factory

For single door applications:

For pairs of doors see chart and general information.

