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EH Hinge

Surface mount

- **Multiple size and mounting options**
- **Concealed mounting hardware**

Material and Finish

Leaf: Zinc alloy black powder coated, chrome plated or nylon black
Pin: Stainless steel
Thread studs: Steel, zinc plated

Performance Details

Size	Radial Load	Axial Load
40 Zinc	1330 N (298 lbf)	2220N (500 lbf)
50 Zinc	2140 N (481 lbf)	3560 N (800 lbf)
50 Nylon	890 N (200 lbf)	1230N (276 lbf)
60 Zinc	1400 N (315 lbf)	3000N (675 lbf)

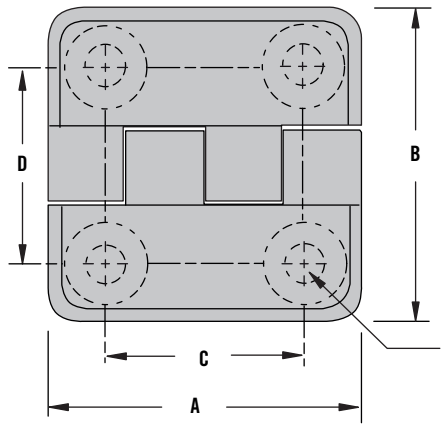
Installation Notes

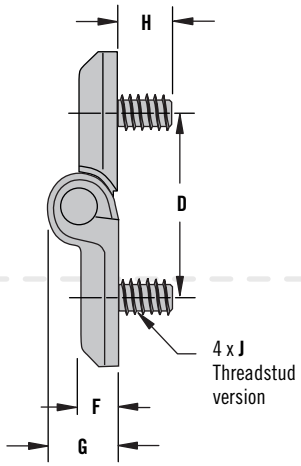
Countersunk version:
40 Size M5 (No. 10) CSK screw
50 Size M6 (No. 1/4 - 20)
CSK screw (not supplied)
60 Size M8 (5/16-18)
CSK screw (not supplied)

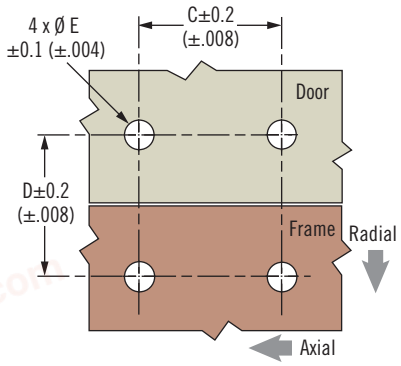
Threadstud version:
40 Size M5 nuts (not supplied)
50 Size M6 nuts (not supplied)
60 Size M8 nuts (not supplied)

Part Number

See table







A	B	Thread Stud Part Number			C	D	F	G	H	Thread stud J
		Zinc chrome	Zinc black	Nylon black						
40 (1.57)		EH-5A-4G4-38	EH-5A-4G4-50	~	25 (.984)		5 (.20)	9 (.35)	8.5 (.35)	M5
50 (1.97)		EH-6A-5G5-38	EH-6A-5G5-50	EH-6A-5G5-20	30 (1.181)		6 (.24)	11 (.43)	8 (.31)	M6
60 (2.36)	60 (2.36)	~	EH-7A-6G6-50	~	36 (1.42)	36 (1.42)	8 (.31)	15.4 (.60)	13	M8
60 (2.36)	90 (3.54)	~	EH-7E-6G9-50	~	36 (1.42)	63 (2.20)	8 (.31)	15.4 (.60)	13	M8
60 (2.36)	120 (4.72)	~	EH-7A-6G12-50	~	36 (1.42)	90 (3.54)	8 (.31)	15.4 (.60)	13	M8

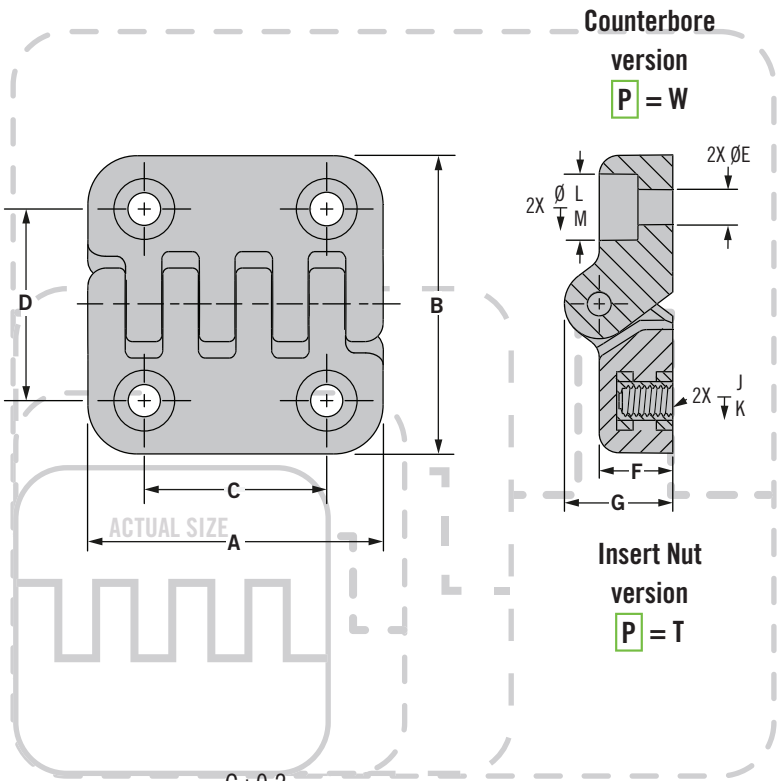
A	B	Countersunk Thru-Hole Part Number			C	D	Ø E	F	G
		Zinc chrome	Zinc black	Nylon black					
40 (1.57)		EH-5A-4V4-38	EH-5A-4V4-50	~	25 (.984)		5.4 (.213)	5 (.20)	9 (.35)
50 (1.97)		EH-6A-5V5-38	EH-6A-5V5-50	EH-6A-5V5-20	30 (1.181)		6.4 (.252)	6 (.24)	11 (.43)
60 (2.36)	60 (2.36)	~	EH-7A-6V6-50	~	36 (1.42)	36 (1.42)	8.5 (.33)	8 (.31)	15.4
60 (2.36)	76 (3)	EH-7A-6V8-38	EH-7A-6V8-50	~	36 (1.42)	56 (2.20)	6.4 (.252)	8 (.31)	15 (.59)
60 (2.36)	90 (3.54)	~	EH-7E-6V9-50	~	36 (1.42)	63 (2.20)	8.5 (.33)	8 (.31)	15.4
60 (2.36)	120 (4.72)	~	EH-7A-6V12-50	~	36 (1.42)	90 (3.54)	8.5 (.33)	8 (.31)	15.4

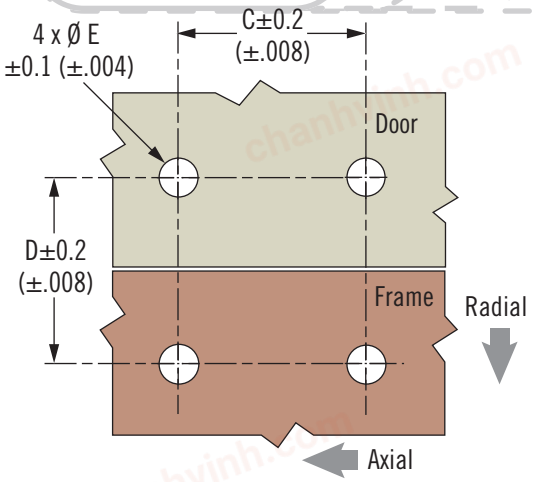
Dimensions in millimeters (inch) unless otherwise stated

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EH Hinge
Surface mount







- Multiple sizes and mounting options
- Corrosion resistant exterior
- Allows 180 degree opening

Material and Finish
Nylon, black, stainless steel pin, zinc plated steel insert nuts and threadstuds

P Leaf Types	
G	Threadstud
T	Insert Nut
V	Countersunk
W	Counterbore
Combination Leaf Types	
GT	Stud + Nut
GV	Stud + Countersink
GW	Stud + Counterbore
TV	Nut + Countersink
TW	Nut + Counterbore

Part Number
See table

Example Part Number: EH-7B-6V6-20
65mm size with both leaves countersunk

Part Number	Axial Length	Radial Length	Through hole								Threadstud / Nut Insert		
P	A	B	C	D	ØE	F	G	ØL	M	ØN	H	J	K
EH-5B-4 P 4-20	40 (1.57)	39 (1.54)	25 (.98)	25 (.98)	4.4 (.17)	9.5 (.37)	14 (.55)	8.5 (.33)	5 (.20)	8.5 (.33)	10 (.39)	M4	6.5 (.26)
EH-6B-5 P 5-20	50 (1.97)	48 (1.89)	30 (1.18)	31 (1.22)	5.4 (.21)	11 (.43)	19 (.75)	10 (.39)	5.5 (.22)	10 (.39)	14 (.55)	M5	7.5 (.30)
EH-7B-6 P 6-20	65 (2.56)	64 (2.52)	40 (1.57)	40 (1.57)	6.4 (.25)	13.5 (.53)	23 (.91)	11 (.43)	6.5 (.26)	12.5 (.49)	18 (.71)	M6	9 (.35)
EH-12B-10 P 10-20	97 (3.82)	98 (3.86)	59.5 (2.34)	62.5 (2.46)	10.4 (.41)	20.5 (.81)	35 (1.38)	17 (.67)	10.5 (.41)	20 (.79)	20 (.79)	M10	15 (.59)

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EH Hinge

Surface Mount

- **Allows 180 degree opening**
- **Adjustable mounting**
- **Ideal for larger doors**

Material and Finish

Leaves: Aluminum alloy, black paint
Pin: Stainless steel

Performance Details

Radial load:
Max. static load: XXX N (XX lbf)
Axial load:
Max. static load: XXX N (XX lbf)

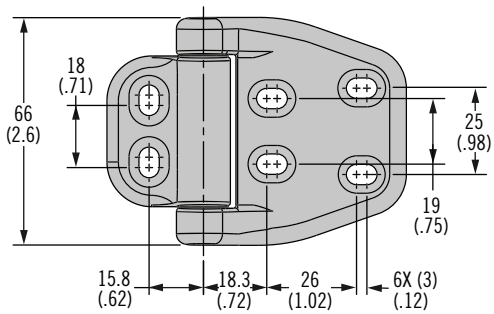
Installation Notes

Counterbore version:
M5 (No. 10) pan head screws (not supplied)
Countersunk version:
M5 (No.10) flat head screws (not supplied)

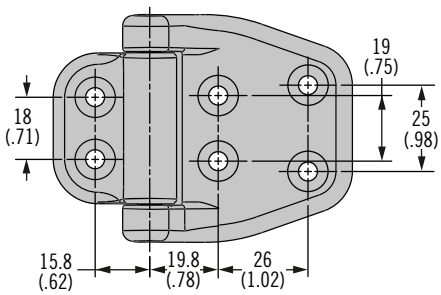
Part Number

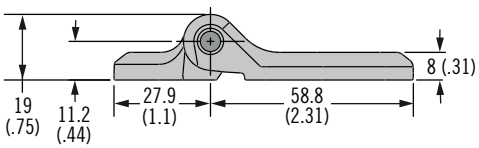
See table

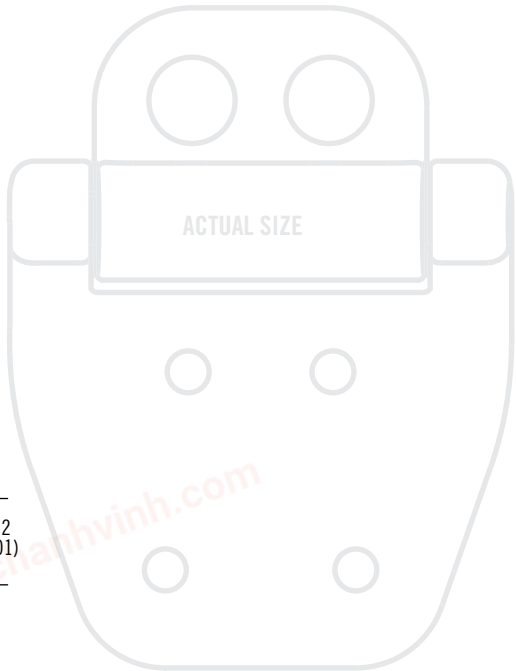
Counterbore Thru-Holes

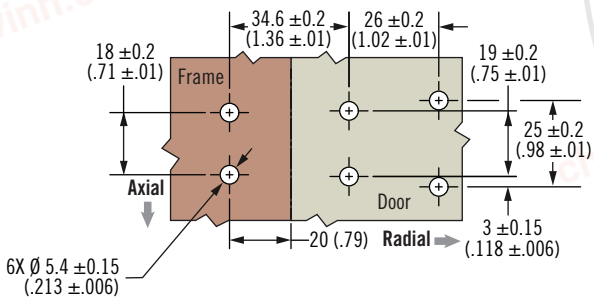


Countersunk Thru-Holes









Part Number	
Counterbore Thru-Hole	EH-8C-6W8-82
Countersunk Thru-Hole	EH-8C-6V8-82

Dimensions in millimeters (inch) unless otherwise stated

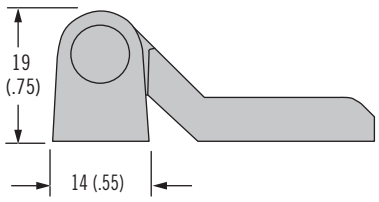
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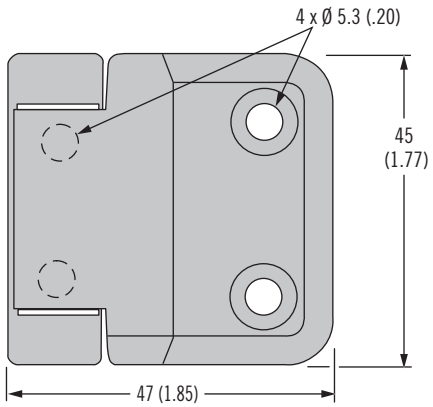
EH Hinge

Surface mount · Offset

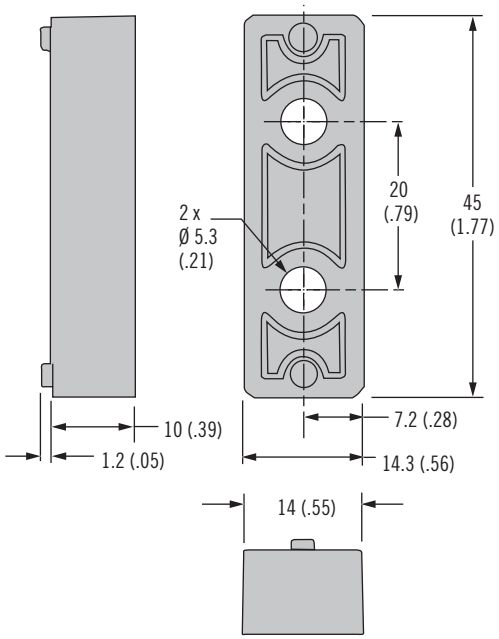


Hinge

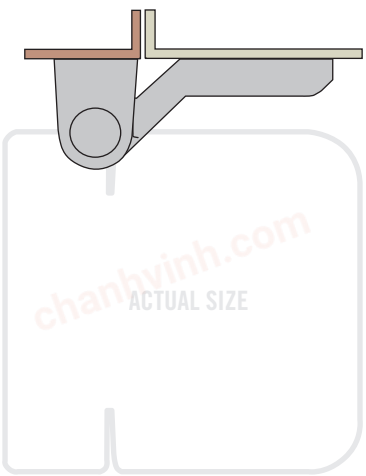




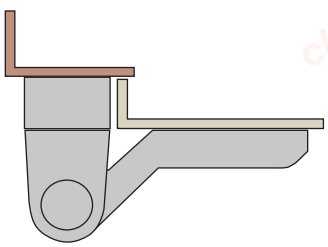
Spacer

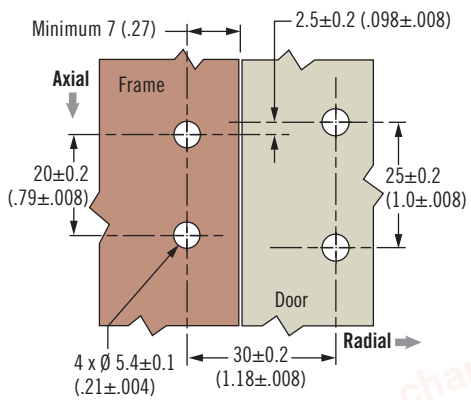


Standard Flush Mount



Offset Mount with Spacer





Finish	Part Number	
	Hinge	Spacer
Chrome	EH-6C-5V4-38	EH-6C-B-38
Black	EH-6C-5V4-50	EH-6C-B-50

- **Allows 180 degree opening**
- **Offset pivot maximizes cabinet access**
- **Ideal for closely spaced enclosures**

Material and Finish

Zinc alloy, black powder coated or bright chrome plated
Pin: Stainless steel

Product Strength Guidelines

Radial load:
Maximum static load:
2670 N (600 lbf)

Axial load:
Maximum static load:
2670 N (600 lbf)

Installation Notes

Screws not supplied.
Attach hinge with M5 (No. 10) CSK

Part Number

See table