

F6 Hinge

Removable style - Concealed - Heavy-duty

Features

- High strength and durability
- Allows door removal without using tools
- Retractable pin version resists vibration and prevents pin loss

Product Performance

- Operating temperature range: -40 °C to 85 °C

Steel:

- Radial load:
 - Maximum static load: 1,000 N
 - Average ultimate load: 2,100 N
- Axial load:
 - Maximum static load: 2,900 N
 - Average ultimate load: 4,900 N

Material

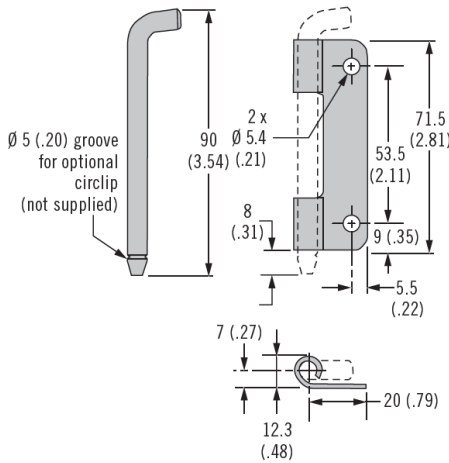
- Steel, zinc plated or stainless steel, natural

Stainless Steel

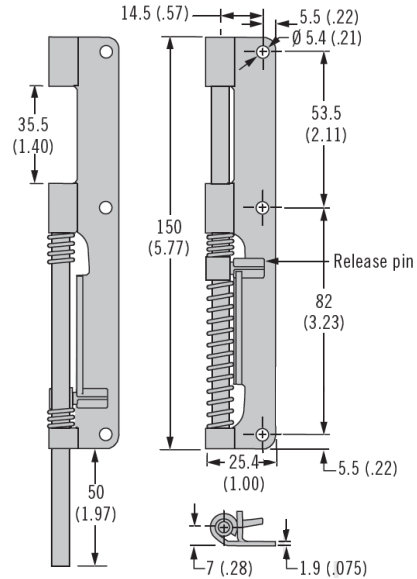
- Radial load:
 - Maximum static load: 1,300 N
 - Average ultimate load: 2,800 N
- Axial load:
 - Maximum static load: 3,600 N
 - Average ultimate load: 6,000 N



Door Leaf Removable Pin Style

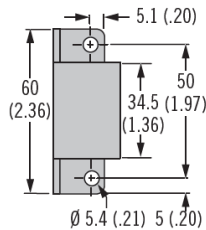


Retractable Pin Style Type A shown, Type B mirror image

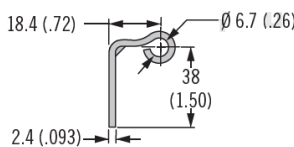
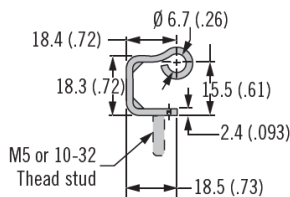
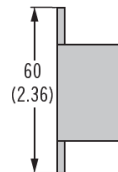


Part Number		
Styles	Material	
	Steel	Stainless steel
Removable pin	F6-946	F6-946-5
Retractable pin type A	~	F6-941-5
Retractable pin type B	~	F6-942-5

Frame Leaf Formed Style



Flat Style

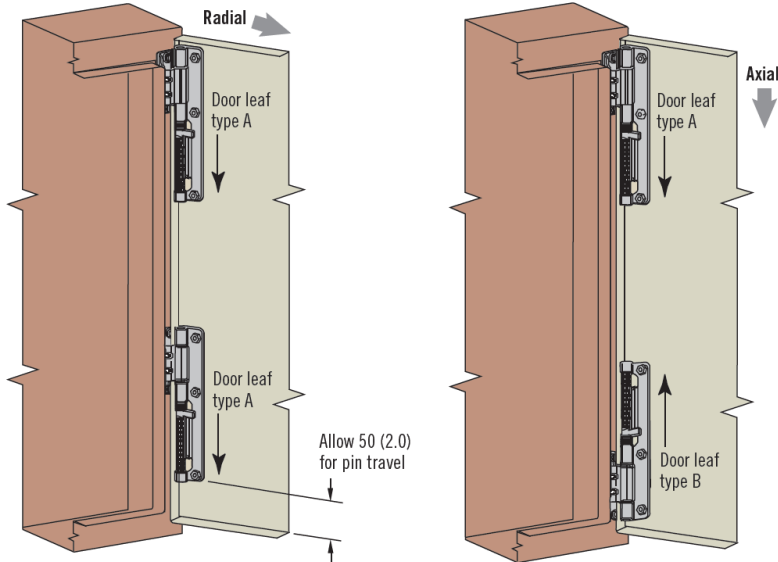


Part Number			
Style	Installation	Material	
		Steel	Stainless steel
Formed	Thru hole	F6-905	F6-905-5
Formed	M5 thread stud	F6-908	F6-908-5
Formed	10-32 thread stud	F6-907	F6-907-5
Flat	Weld	F6-904	F6-904-5

Installation Notes

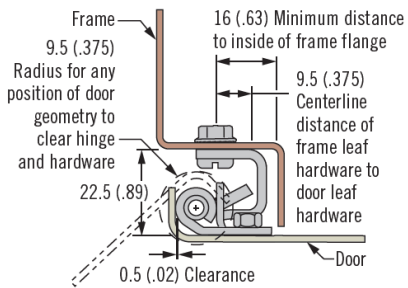
- Order separately 1 door leaf and 1 frame leaf for a complete assembly
- Screws not supplied
- Hinge leaves may be fastened to the door and the frame by: M5 hardware (machine screws are recommended) or by welding

Formed Frame Leaf

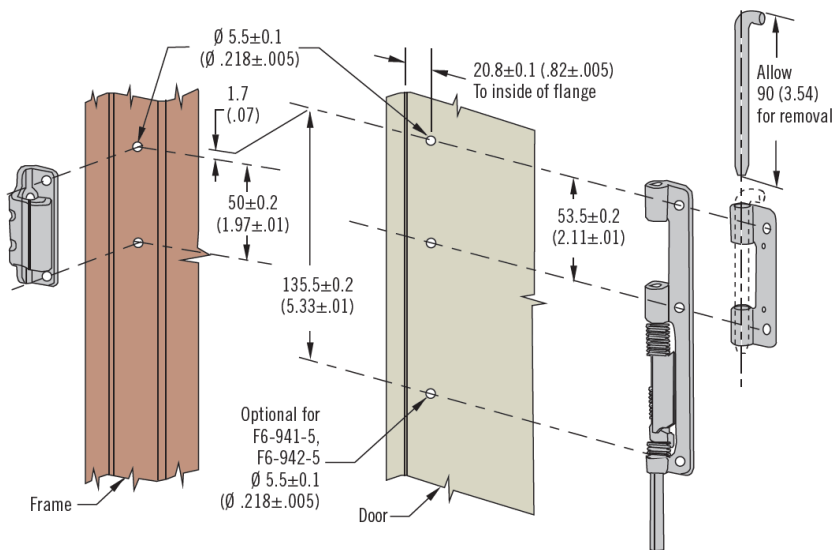
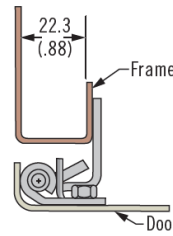


Installation

Typical door and frame installation using formed frame leaf



Typical door and frame installation using flat frame leaf



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