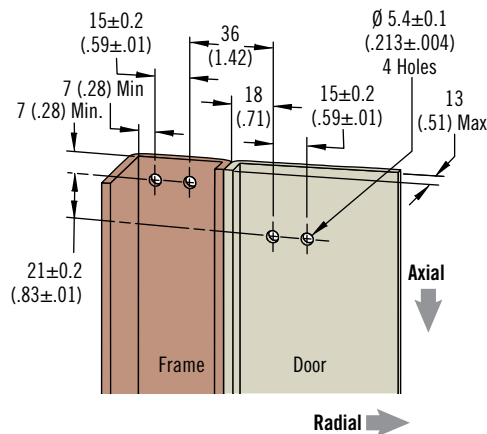
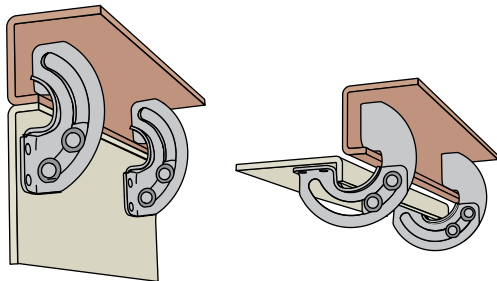
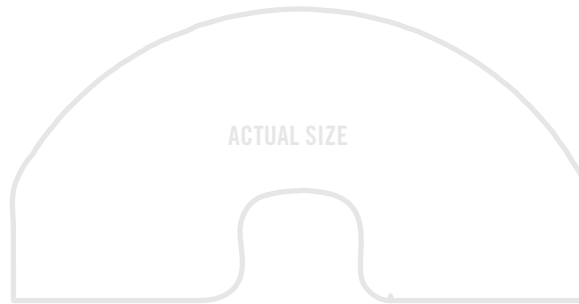
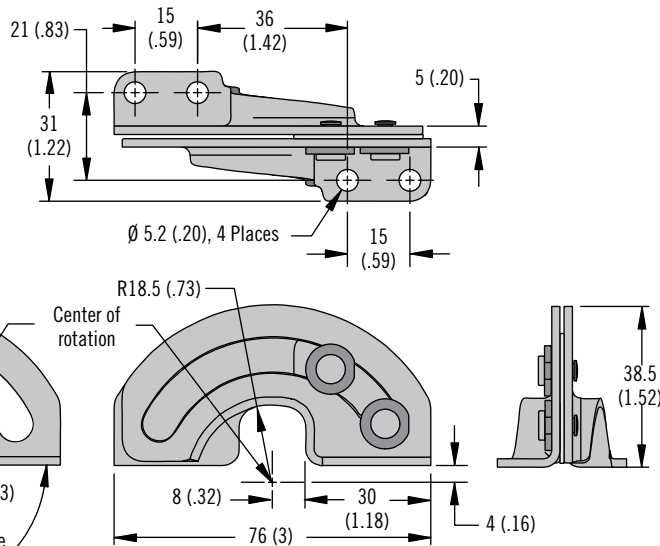


# R6 Hinge

Concealed · 90° Opening



- Invisible when door is closed

## Material and Finish

Steel, zinc plated, or stainless steel

## Performance Details

### Zinc Plated Steel

Radial load:

Max. static load: 625 N (140 lbf)

Average ultimate load:

2235 N (502 lbf)

Axial load:

Max. static load: 205 N (46 lbf)

Average ultimate load:

420 N (94 lbf)

### Stainless Steel

Radial load:

Max. static load: 525 N (118 lbf)

Average ultimate load:

3035 N (682 lbf)

Axial load:

Max. static load: 185 N (42 lbf)

Average ultimate load:

475 N (107 lbf)

Max. holding torque:

18.2 N·m (161 in·lbf)

Operating temperature range:

-40° C (-40° F) to 85° C (185° F)

## Installation Notes

Panel thickness exceeding 4 (.16) will require a 45° chamfer on both door and frame.

Screws not supplied.

Install using M5 (No. 10)

## Part Number

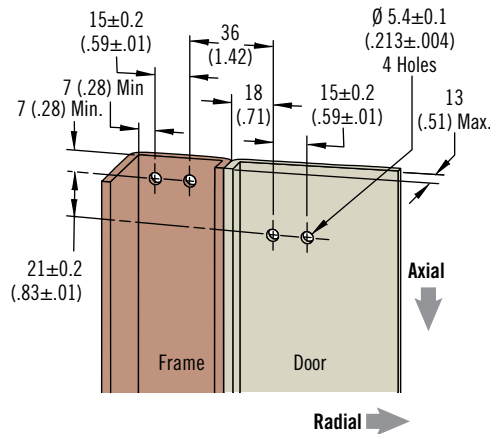
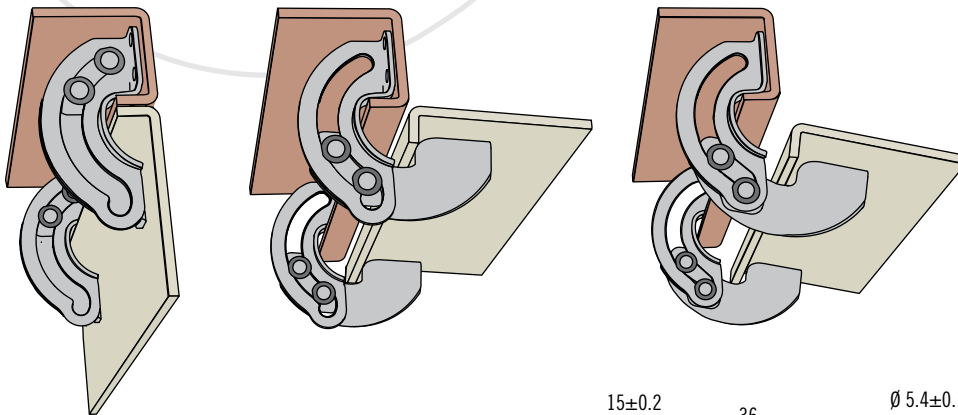
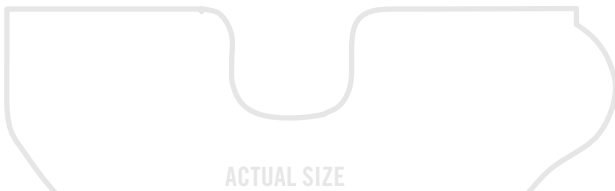
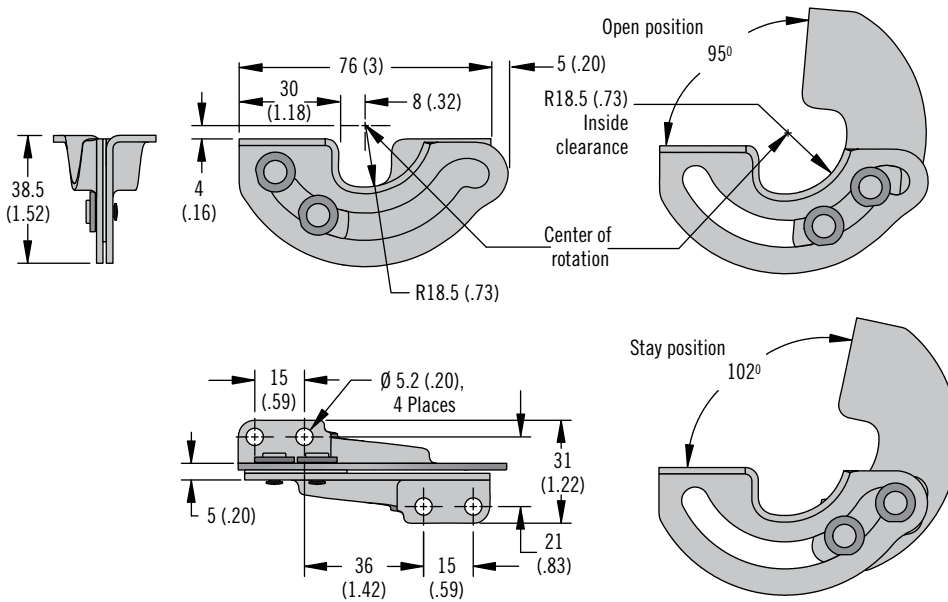
See table

Part Number	
Steel	R6-21-11
Stainless steel	R6-21-23



# R6 Hinge

## Concealed · Hold-open style



Part Number	
Steel	R6-22-11
Stainless steel	R6-22-23

- Invisible when door is closed
- Holds doors open without secondary mechanical support



### Material and Finish

Steel, zinc plated, or stainless steel

### Performance Details

\* (loads applied with hinge in stay position)

#### Zinc Plated Steel

Radial load:  
 Max. static load: 155 N (35 lbf)  
 Average ultimate load: 405 N (91 lbf)

Axial load:  
 Max. static load: 200 N (45 lbf)  
 Average ultimate load: 415 N (93 lbf)

Max. holding torque:  
 11.8 N·m (104 in·lbf)

Operating temperature range:  
 -40°C (-40°F) to 85°C (185°F)

#### Stainless Steel

Radial load:  
 Max. static load: 280 N (63 lbf)  
 Average ultimate load:  
 570 N (128 lbf)\*

Axial load:  
 Max. static load: 305 N (69 lbf)  
 Average ultimate load:  
 430 N (97 lbf)

Max. holding torque:  
 18.2 N·m (161 in·lbf)\*

Operating temperature range:  
 -40° C (-40° F) to 85° C (185° F)

### Installation Notes

Panel thickness exceeding 4 (.16) will require a 45° chamfer on both door and frame.

### Part Number

See table