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56 Spring-Loaded Plunger

Lever Actuated · Press-in and Flare-in Styles · Small Size

- **Simplified positioning of sliding components**
- **Quick-release lever for fast installation and removal of components**
- **Designate access with color**

Material and Finish

Stud: Steel, hardened, zinc plated, chromate plus sealer
Ferrule: Steel, zinc plated, chromate plus sealer
Spring and Rivet: 300 series stainless steel, passivated
Lever: Glass-filled nylon, UL94-V0 Rated
Washer: PC/ABS, UL94-V0 Rated

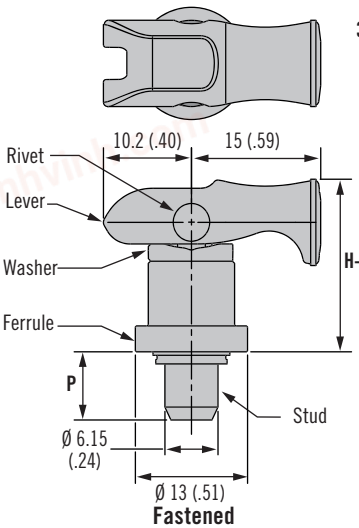
Part Number

See table

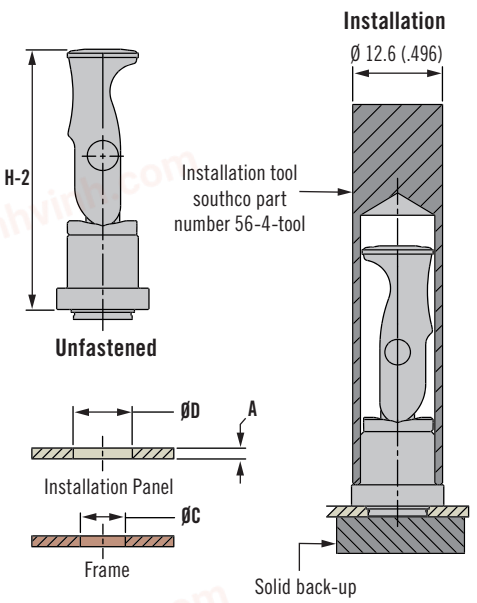
Specifying Prism Color

To indicate color, change the last three digits of the part number.
Example: 56-461-000, black; 56-461-013, red

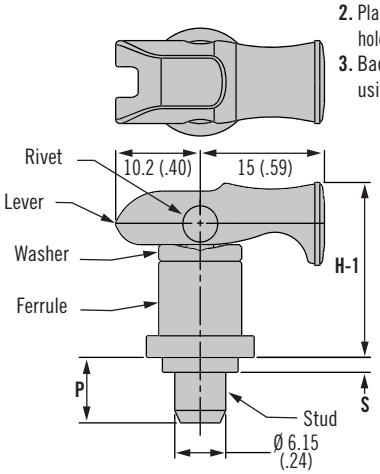
Press-in Style



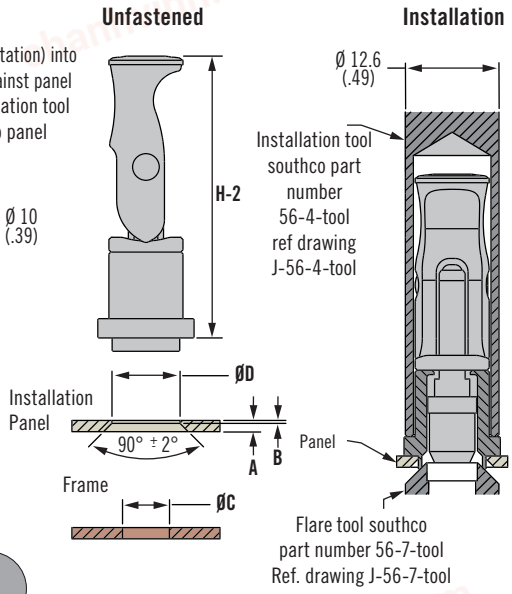
Installation:
1. Prepare hole in panel.
2. Place plunger (in unfastened orientation) into hole.
3. Provide solid back-up under ppanel using installation tool press ferrule until collar is firmly against panel

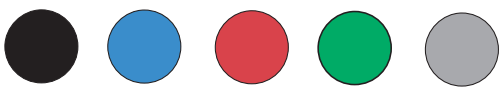


Flare-in Style



Installation:
1. Prepare hole in Panel.
2. Place plunger (in open orientation) into hole until collar is firmly against panel
3. Back-up collar with installation tool using flare tool ferrule into panel





000 Black (shown in table) | **008** Blue | **013** Red | **014** Green | **Your color** contact Southco

Outer Panel		P	B	S	Installation	Part Number	H-1	H-2	Ø D	Ø C
A Min.	A Max.					Hold-Open				
1.52 (.06)	3.8 (.15)	8 (.31)	-	-	Press-in	56-461-**000**	20 (.79)	36.7 (1.44)	$8.33^{+0.07}_{-0.0}$ ($.328^{+.003}_{-.000}$)	$6.35^{+0.07}_{-0.0}$ ($.250^{+.003}_{-.000}$)
1.52 (.06)	3.18 (.125)	8 (.31)	0.4 (.02)	1.8 (.07)	Flare-in	56-471-1-**000**	21.1 (.83)	38.1 (1.5)	$9.2^{+0.1}_{-0.0}$ ($.362^{+.004}_{-.000}$)	
3.18 (.125)	4.7 (.185)	9.5 (.37)	1.9 (.08)	3.3 (.13)	Flare-in	56-471-2-**000**	19.6 (.77)	36.6 (.90)		
0.8 (.031)	3.2 (.125)	8.2 (.32)	-	-	Thread-in	56-481-**000**	19.7 (.78)	36.7 (1.44)	$9.12^{+0}_{-0.08}$ ($.359^{+0}_{-.003}$)	

Dimensions in millimeters (inch) unless otherwise stated

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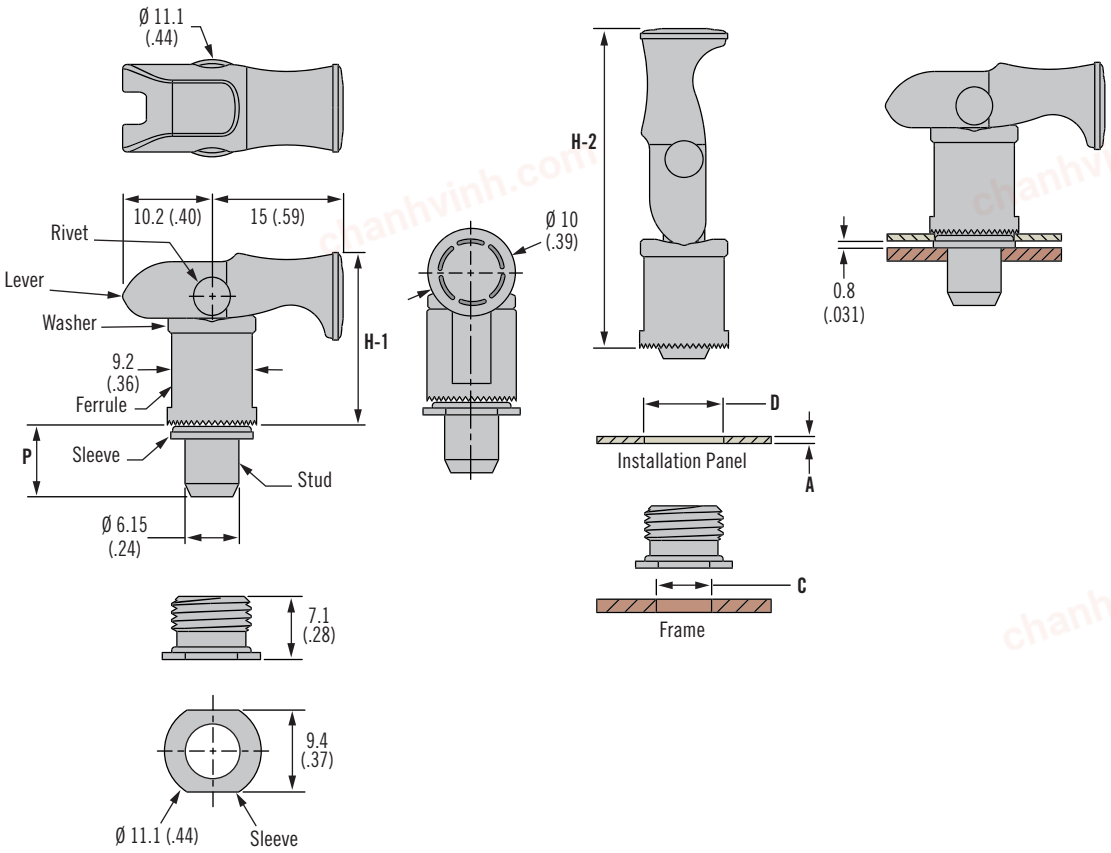
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56 Spring-Loaded Plunger

Lever Actuated · Thread-in Style · Small Size



Thread-in Style



- **Simplified positioning of sliding components**
- **Quick-release lever for fast installation and removal of components**
- **Designate access with color**

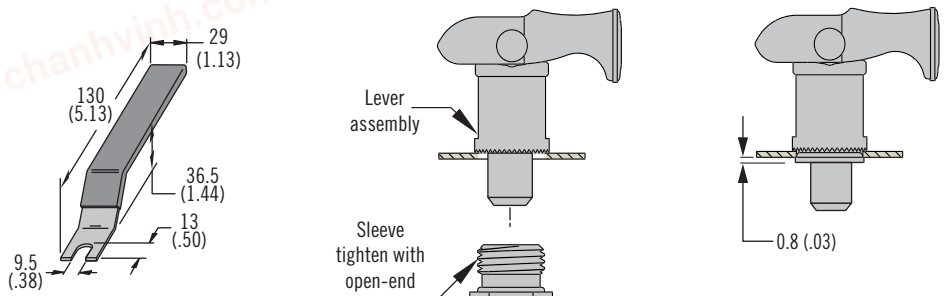
Material and Finish

Stud: Steel, hardened, zinc plated, chromate plus sealer
Ferrule and Sleeve: Steel, zinc plated, chromate plus sealer
Spring and Rivet: 300 series stainless steel, passivated
Lever: Glass-filled nylon, UL94-V0 Rated
Washer: PC/ABS, UL94-V0 Rated

Part Number

See table

Installation tool



Tool Part Number
56-0-22041-04

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56 Spring-Loaded Plunger

Lever Actuated Flare-in mini size

- **Simplifiled positioning of sliding components**
- **Quick-release lever for fast installation and removal of components**
- **Designate access with colour**

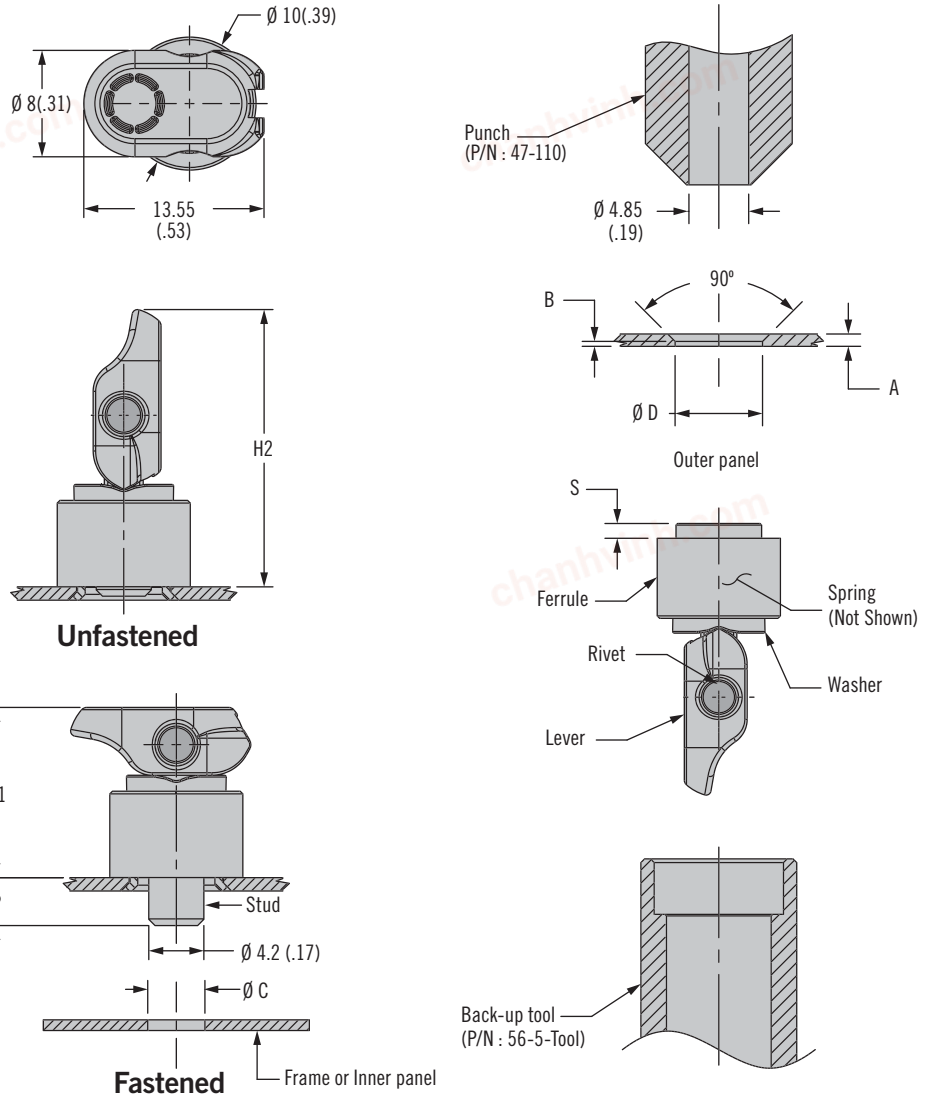
Material and Finish

Stud: zinc alloy
Ferrule: Aluminum
Spring and Rivet: 300 series stainless steel, passivated
Lever: Glass-filled nylon, UL94V0 Rated
Washer: Glass-filled nylon, UL94V0 Rated

Part Number

See table

Lever Actuated Flare-in mini size Installation



Lever Actuated Flare-in mini size

Outer Panel		P	B	S	Installation	Part Number	H1	H2	Ø D	Ø C
A Min.	A Max.					Hold-Open				
1 (.039)	1.2 (.047)	3.6 (.142)	0.4 (.016)	1.2 (.047)	Flare-In	56-421-1-000	12.8 (.5)	20.85 (.82)	7.1 +0.08/-0 (.28 +.003/-0)	4.3 +0.08/-0 (.169 +.003/-0)

000 Black
008 Blue
013 Red
014 Green
Your color (contact Southco)

Dimensions in millimeters (inch) unless otherwise stated

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56 Spring-Loaded Plunger

Press-in mini size and SMT mini size

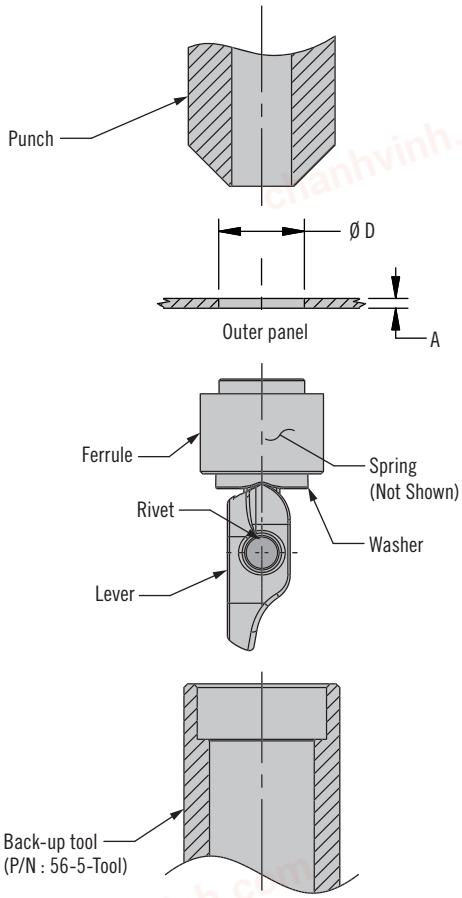


- Simplifiled positioning of sliding components
- Quick-release lever for fast installation and removal of components
- Designate access with colour

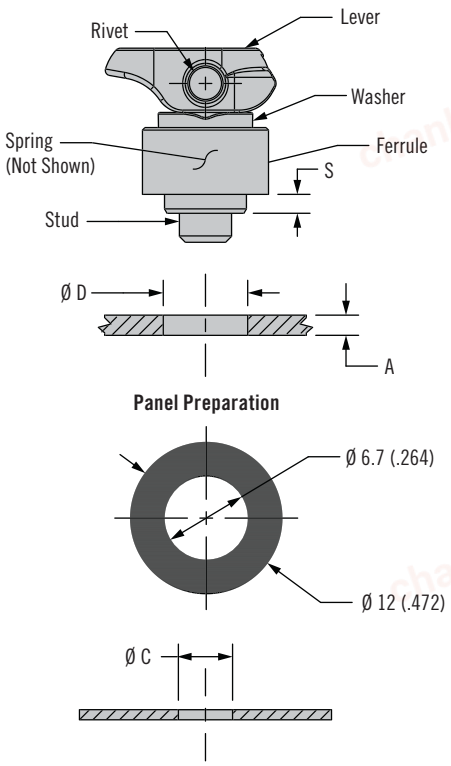
Material and Finish

Stud: zinc alloy
Ferrule: Steel, zinc plated,
Spring and Rivet: 300 series stainless steel, passivated
Lever: Glass-filled nylon, UL94V0 Rated
Washer: Glass-filled nylon, UL94V0 Rated

Lever Actuated Press-in mini size Installation



Lever Actuated SMT Mini Size Installation



Lever Actuated Press-in mini size

Outer Panel		P	Installation	Part Number	H1	H2	Ø D	Ø C
A Min.	A Max.			Hold-Open				
0.8 (.031)	1.2 (.047)	3.4 (.134)	Press-In	56-411-1-**000**	12 (.472)	20.05 (.807)	7 +0.08/-0 (.276 +.003/-0)	4.3 +0.08/-0 (.169 +.003/-0)

Lever Actuated SMT Mini Size

Outer Panel		P	B	S	Installation	Part Number	H1	H2	Ø D	Ø C
A Min.	A Max.					Hold-Open				
1.6 (.063)	2.2 (.09)	3.8 (.15)	/	1.5 (.059)	SMT	56-4A1-1-000	11.6 (.457)	19.65 (.774)	6.7 +0.1/-0 (.263 +.004/-0)	4.3 +0.08/-0 (.169 +.003/-0)
2.2 (.09)	2.8 (.11)	4.8 (.19)	/	1.5 (.059)	SMT	56-4A1-2-000				

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56 Spring-Loaded Plunger

Flare-in style – Miniature, Small and Large

- **Simplified positioning of sliding components**
- **Quick-release hinge for removable door**
- **Fast installation and removal of components**
- **Designate access with color**

Material and Finish

End cap: Steel, zinc plated, chromate, plus sealer
Ferrule: Aluminum, natural
Stud: Steel, hardened, zinc plated, chromate, plus sealer

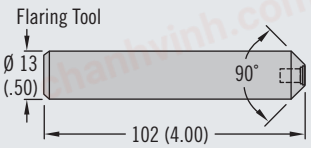
Knob: (Prism plungers only) PC/ABS, UL94-V0 Rated

Spring: 300 series stainless steel, passivated

Installation Notes

Press with approximately 2,500 N (562 lbf) (Large and Small), 2,000 N (450 lbf) (Mini) until ferrule is flared into the countersink in the panel.
A solid back-up tool must be used for proper installation

Install Tool



Part number:
47-110 (Miniature)
56-7-TOOL (Large and Small)

Part Number

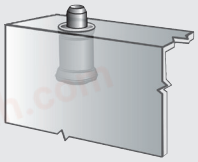
See table

Specifying Prism Color

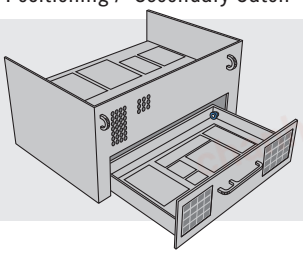
To indicate color, change the last three digits of the part number.
Example:
56-161-000, black
56-161-013, red

Applications

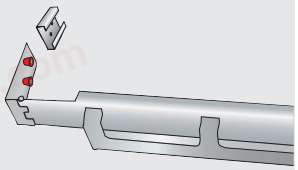
Retractable Hinge



Positioning / Secondary Catch

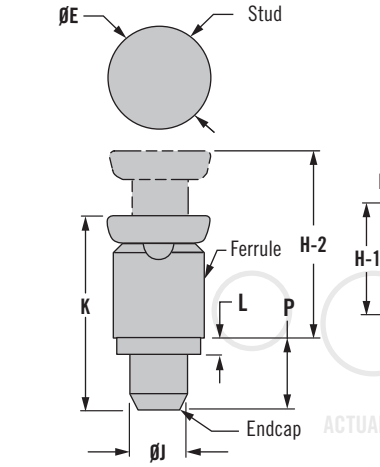


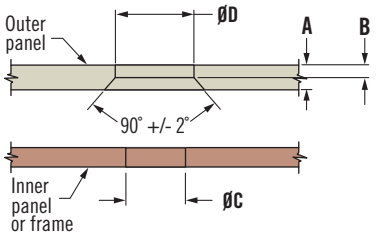
Quick Installation



Flare-in style

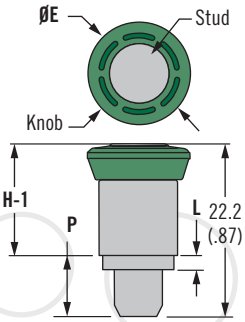
Bright - Miniature and Small



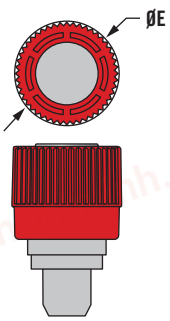


Prism - Miniature and Small

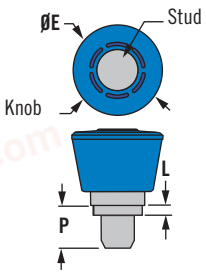
Prism Knob



4C-Prism Knob



Prism - Large



ACTUAL SIZE



000 Black (shown in table)



008 Blue



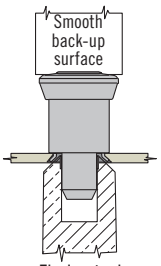
013 Red



014 Green



Your color contact Southco



Outer Panel Thickness		P	Size	Knob Style	Part Number		H-1	H-2	Ø E	K	L	B	Ø J	Ø D	Ø C
A Min.	A Max.				Hold-Open	Without									
0.8 (.031)	1.5 (.06)	4.4 (.17)	Mini	Bright	56-21-1-15	56-20-1-15	9.9 (.39)	13.6 (.54)	8.5 (.33)	14.3 (.56)	1.0 (.04)	0.41 (.016)	4.29 (.169) MAX	$6.76^{+0.1}_{0.0}$ ($.266^{+.004}_{.000}$)	$4.3^{+0.13}_{0.0}$ ($.169^{+.005}_{.000}$)
				Prism	56-121-1-**000**	56-120-1-**000**	10.6 (.42)	14.3 (.56)	9 (.35)	15 (.59)					
				4C-Prism	56-321-1-**000**	56-320-1-**000**	10.6 (.42)	14.3 (.56)	9 (.35)	15 (.59)					
1.5 (.06)	2.3 (.09)	5.2 (.20)		Bright	56-21-2-15	56-20-2-15	9.1 (.36)	12.8 (.50)	8.5 (.33)	14.3 (.56)	1.78 (.07)				
				Prism	56-121-2-**000**	56-120-2-**000**	9.8 (.39)	13.5 (.53)	9 (.35)	15 (.59)					
				4C-Prism	56-321-2-**000**	56-320-2-**000**	9.8 (.39)	13.5 (.53)	9 (.35)	15 (.59)					
1.52 (.06)	3.17 (.125)	7.9 (.31)	Small	Bright	56-71-1-15	56-70-1-15	13.7 (.54)	19.8 (.78)	11.5 (.45)	21.5 (.85)	1.78 (.07)	0.41 (.016)	6.33 (.249)	$9.19^{+0.08}_{0.0}$ ($.362^{+.003}_{.000}$)	$6.4^{+0.1}_{0.0}$ ($.250^{+.005}_{.000}$)
				Prism	56-171-1-**000**	56-170-1-**000**	14.5 (.57)	20.5 (.81)	13.3 (.52)	22.2 (.87)					
				4C-Prism	56-371-1-**000**	56-370-1-**000**	14.5 (.57)	20.5 (.81)	13.3 (.52)	22.2 (.87)					
			Large	Prism	56-271-1-**000**	56-270-1-**000**	14.5 (.57)	20.5 (.81)	17 (.67)	22.2 (.87)					
3.17 (.125)	4.7 (.185)	9.4 (.37)	Small	Bright	56-71-2-15	56-70-2-15	12.2 (.48)	18.2 (.72)	11.5 (.45)	21.5 (.85)	3.3 (.13)	1.52 (.06)			
				Prism	56-171-2-**000**	56-170-2-**000**	12.9 (.51)	19 (.75)	13.3 (.52)	22.2 (.87)					
				4C-Prism	56-371-2-**000**	56-370-2-**000**	12.9 (.51)	19 (.75)	13.3 (.52)	22.2 (.87)					
			Large	Prism	56-271-2-**000**	56-270-2-**000**	12.9 (.51)	19 (.75)	17 (.67)	22.2 (.87)					

Dimensions in millimeters (inch) unless otherwise stated

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56 Spring-Loaded Plunger

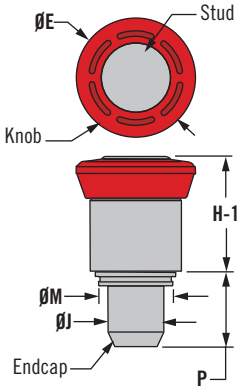
Press-in style – Miniature, Small and Large



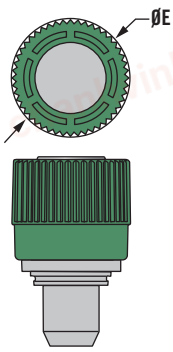
Press-In Style

Prism - Miniature and Small

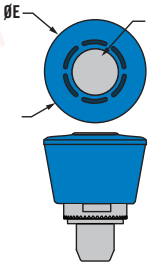
Prism Knob



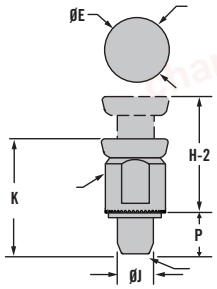
4C-Prism Knob

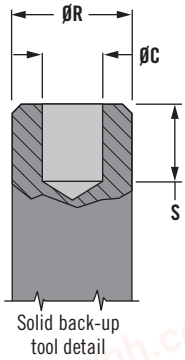


Prism - Large

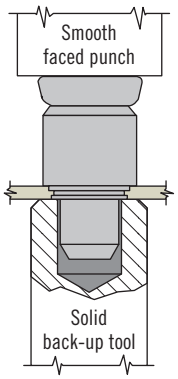


Bright - Miniature and Small

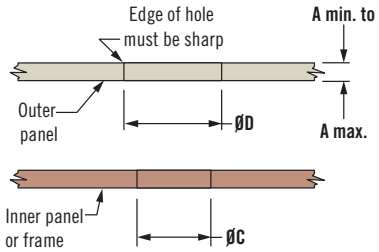




(Customer Supplied)



ACTUAL SIZE





000
Black
(shown in table)



008
Blue



013
Red



014
Green



Your color
contact Southco

- **Simplified positioning of sliding components**
- **Quick-release hinge for removable door**
- **Fast installation and removal of components**
- **Designate access with color**

Material and Finish

End cap: Steel, zinc plated, chromate, plus sealer

Ferrule and stud: Steel, (Large and Small hardened), zinc plated, chromate plus sealer

Knob: (Prism plungers only) PC/ABS, black, UL94-V0 Rated

Spring: 300 series stainless steel, passivated

Installation Notes

Press knob with approximately 13,400 N (3000 lbf) (Large and Small), 8000 N (1800 lbf) (Mini) for steel, 6700 N (1500 lbf) (Large and Small), 5000 N (1124 lbf) (Mini) for aluminum panels until ferrule sits flush with panel. A solid back-up tool must be used for proper installation.

Part Number

See table

Specifying Prism Color

To indicate color, change the last three digits of the part number.
Example:
56-161-000, black; 56-161-013, red

Outer Panel Thickness		P	Size	Knob Style	Part Number		H-1	H-2	E	K	ØJ	ØM	ØD	ØC	ØR	S
A Min.	A Max.				Hold-Open	Without										
0.8 (.031)	1.5 (.06)	4.4 (.17)	Mini	Bright	56-11-15	56-10-15	9.2 (.36)	12.9 (.51)	8.5 (.33)	13.6 (.54)	4.29 (.169) MAX	6.6 (.26)	$6.7^{+0.08}_{-0.0}$ ($.264^{+.003}_{-.000}$)	$4.3^{+0.13}_{-0.0}$ ($.169^{+.005}_{-.000}$)	9 (.35) MIN	4.5 (.18) MIN
				Prism	56-111-**000**	56-110-**000**	9.9 (.39)	13.6 (.54)	9 (.35)	14.3 (.56)						
				4C-Prism	56-311-**000**	56-310-**000**	9.9 (.39)	13.6 (.54)	9 (.35)	14.3 (.56)						
1.52 (.06)	3.81 (.15)	8.2 (.32)	Small	Bright	56-61-15	56-60-15	12.2 (.48)	19.3 (.76)	11.5 (.45)	20.4 (.80)	6.33 (.249)	8.26 (.325)	$8.4^{+0.0}_{-0.1}$ ($.328^{+.003}_{-.000}$)	$6.4^{+0.1}_{-0.0}$ ($.250^{+.005}_{-.000}$)	13 (.50) MIN	8.26 (.325) MIN
				Prism	56-161-**000**	56-160-**000**	13 (.51)	20 (.79)	13.3 (.52)	21.1 (.83)						
				4C-Prism	56-361-**000**	56-360-**000**	13(.51)	20 (.79)	13.3 (.52)	21.1 (.83)						
			Large	Prism	56-261-**000**	56-260-**000**	13 (.51)	20 (.79)	17 (.67)	21.1 (.83)						

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56 Spring-Loaded Plunger

Thread-in style - Miniature, Small and Large

- **Simplified positioning of sliding components**
- **Quick-release hinge for removable door**
- **Fast installation and removal of components**
- **Designate access with color**

Material and Finish

Stud: Steel, hardened, zinc plated, chromate plus sealer

Ferrule and Sleeve: Steel, zinc plated, chromate plus sealer

Spring: 300 series stainless steel passivated

Prism Knob: PC/ABS, UL94-V0 Rated
End cap: Steel, zinc plated, chromate, plus sealer

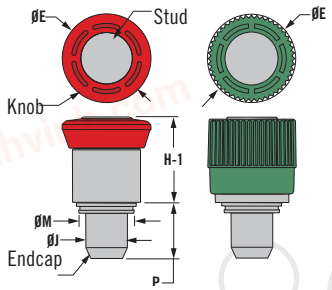
(Aluminum knob plungers only)
Detent washer: Steel, zinc plated (Hold-open only)

Part Number

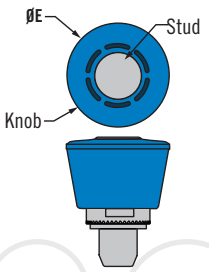
See table

Thread-in Style

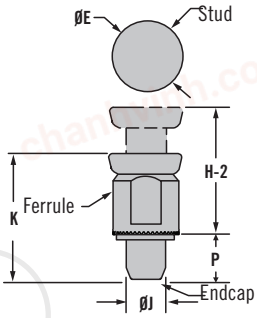
Prism - Miniature and Small



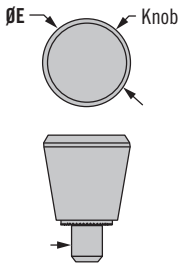
Prism - Large



Bright Steel Knob



Bright Aluminum Knob



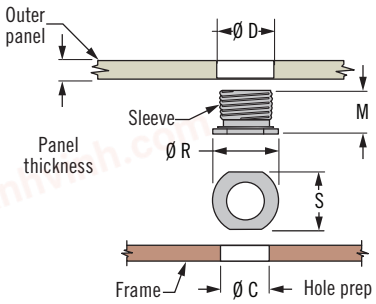
ACTUAL SIZE

Specifying Prism Color

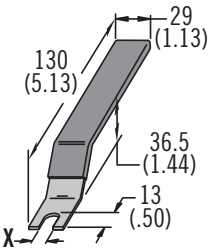
To indicate color, change the last three digits of the part number.
Example: 56-130-000, black; 56-130-013, red

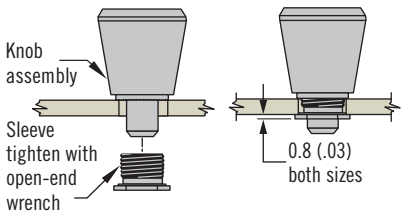


000	008	013	014	Your color
Black (shown in table)	Blue	Red	Green	contact Southco



Installation tool





Size	X (Tool)	Tool Part Number
Mini	7.1 (.28)	56-0-22041-03
Small	9.5 (.38)	56-0-22041-04
Large		

Outer Panel Min.	Outer Panel Max.	P	Size	Knob Style	Part Number Hold-Open	Part Number Without	H-1	H-2	Ø E	K	Ø J	Ø C	Ø D	M	Ø R	S
0.8 (.031)	1.5 (.06)	4.4 (.17)	Mini	Bright	—	56-30-15	9.2 (.36)	12.9 (.51)	8.5 (.335)	13.6 (.54)	4.29 (.169) MAX	4.3 +0.08/-0.0 (.17 +.003 -.000)	7.14 ±0.08 (.281 ±.003)	5.1 (.20)	9 (.35)	7 (.28)
				Prism	—	56-130-**000**	9.9 (.39)	13.6 (.54)	9 (.354)	14.3 (.56)						
				4C-Prism	—	56-330-**000**	9.9 (.39)	13.6 (.54)	10 (.354)	14.3 (.56)						
0.8 (.031)	3.2 (.13)	6.9 (.27)	Small	Bright	—	56-80-15	12.2 (.48)	20.4 (.80)	11.5 (.45)	20.3 (.80)	6.33 (.249)	6.35 + 0.08/-0.0 (.250 +.003/.000)	9.12 ±0.08 (.359 ± .003)	7.1 (.28)	11.1 (.44)	9.4 (.37)
				Prism	—	56-180-**000**	13 (.51)	21.1 (.83)	13.3 (.52)	21 (.83)						
				4C-Prism	—	56-380-**000**	13 (.51)	21.1 (.83)	13 (.51)	21 (.83)						
			Large	Prism	—	56-280-**000**	14.1 (.56)	21.1 (.83)	17 (.67)	21 (.83)						
0.64 (.025)	1.5 (.06)	6.4 (.17)	Small	Aluminum	56-10-301-20	56-99-196-20	13.4 (.53)	18.4 (.72)	13.5 (.53)	19.8 (.78)	4.7 (.183)	4.78 +0.08/-0.03 (.17 +.003 -.000)	7.14 ±0.08 (.281 ±.003)	5.6 (.20)	9 (.35)	7 (.28)
0.8 (.031)	3.2 (.13)	7.9 (.31)	Large	Aluminum	56-10-401-20	56-99-197-20	18.3 (.72)	24.6 (.97)	17.5 (.69)	26.2 (1.03)	6.2 (.245)	6.35 + 0.08/-0.08 (.250 +.003/.000)	9 .12 ±0.08 (.359 ±.003)	7.1 (.28)	11.1 (.44)	9.4 (.37)

Dimensions in millimeters (inch) unless otherwise stated