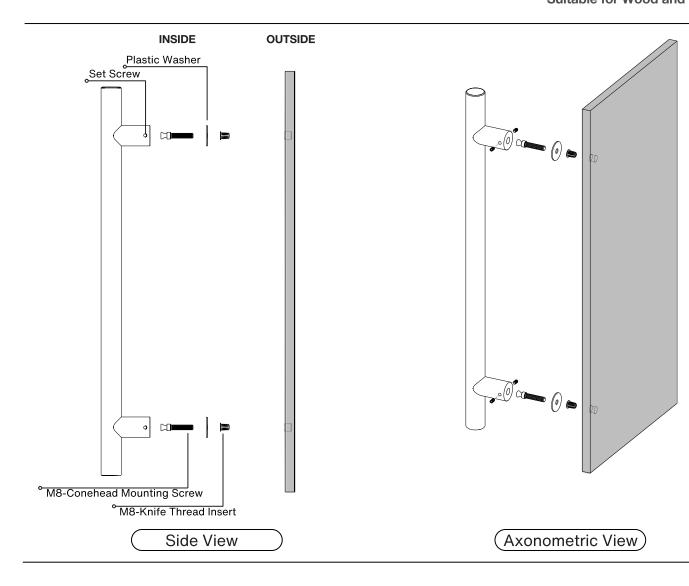
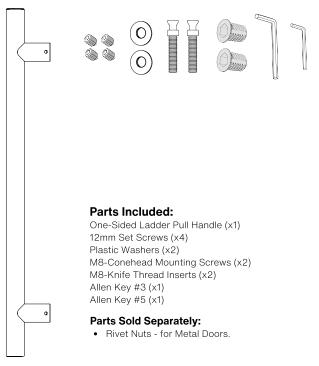
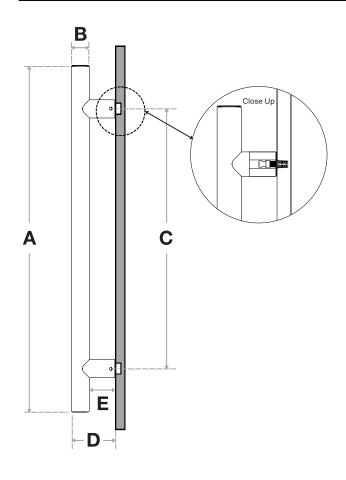
Concealed Surface Mounts Suitable for Wood and Metal Doors







Concealed Surface Mounts Suitable for Wood and Metal Doors



Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1"	6"	2-3/4"	1-3/4"
16"	1"	10"	2-3/4"	1-3/4"
18"	1"	12"	2-3/4"	1-3/4"
24"	1"	18"	2-3/4"	1-3/4"
32"	1"	26"	2-3/4"	1-3/4"
36"	1"	30"	2-3/4"	1-3/4"
48"	1"	42"	2-3/4"	1-3/4"
60"	1"	54"	2-3/4"	1-3/4"
72"	1"	66"	2-3/4"	1-3/4"
84"	1"	60"	2-3/4"	1-3/4"

Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1-1/4"	6"	3"	1-3/4"
16"	1-1/4"	10"	3"	1-3/4"
18"	1-1/4"	12"	3"	1-3/4"
24"	1-1/4"	18"	3"	1-3/4"
32"	1-1/4"	26"	3"	1-3/4"
36"	1-1/4"	30"	3"	1-3/4"
48"	1-1/4"	42"	3"	1-3/4"
60"	1-1/4"	54"	3"	1-3/4"
72"	1-1/4"	66"	3"	1-3/4"
84"	1-1/4"	60"	3"	1-3/4"

Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1-1/2"	6"	3-1/4"	1-3/4"
16"	1-1/2"	10"	3-1/4"	1-3/4"
18"	1-1/2"	12"	3-1/4"	1-3/4"
24"	1-1/2"	18"	3-1/4"	1-3/4"
32"	1-1/2"	26"	3-1/4"	1-3/4"
36"	1-1/2"	30"	3-1/4"	1-3/4"
48"	1-1/2"	42"	3-1/4"	1-3/4"
60"	1-1/2"	54"	3-1/4"	1-3/4"
72"	1-1/2"	66"	3-1/4"	1-3/4"
84"	1-1/2"	60"	3-1/4"	1-3/4"

FINISHES (1)

Side View

OVERALL LENGTHS (2)

Brushed Satin = S Polished = P

Matte Black Powder Coated = B

Bronze Powder Coated = BR Oil Rubbed Bronze = ORB

> Satin Brass = SB Polished Brass = PB

Matte White Powder Coated = W

Matte GunMetal Grey = MG Polished GunMetal Grey = PG 12" **= 12** 16" = **16**

18" = **18**

24" = **24**

32" **= 32**

36" **= 36**

48" = **48**

60" **= 60**

72" = **72**

84" **= 84**

DIAMETERS (3)

1" = 1000

1-1/4" = 1250

1-1/2" = 1500

For a complete SKU# add Finish (1), Overall length (2) and Diameter (3)

SH-PRO-304-LPH-CO-

FINISH OVERALL LENGTH

DIAMETER

Material: 304 grade stainless steel alloy.

DOOR TYPE

WOOD & METAL DOORS. UP TO 4-3/4"

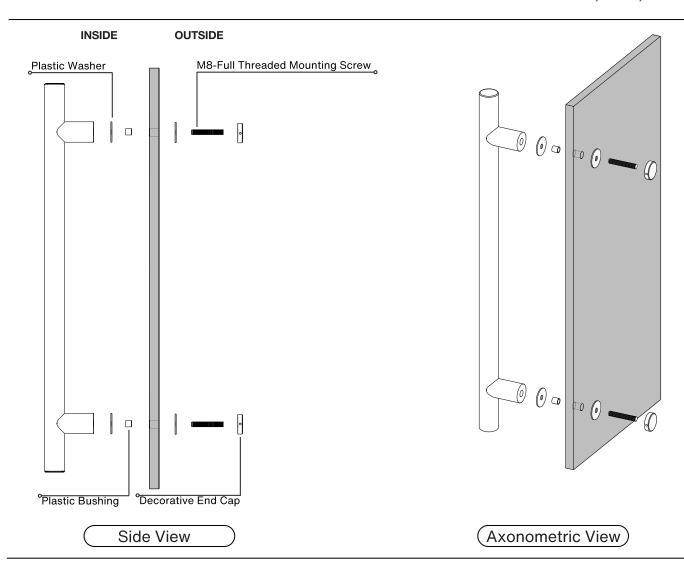
HOLE SIZE DIAMETER

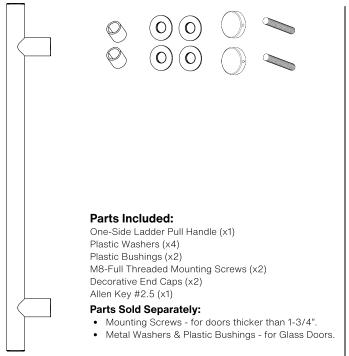
7/16"

Not all Finishes, Lengths and Diameters are available in this style. For customization requests, please contact us at info@strongarhardware.com



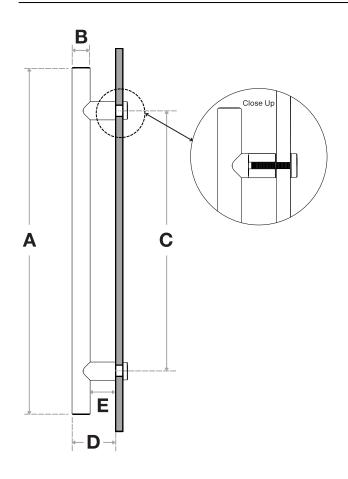
Decorative Thru-Bolt End Caps Suitable for Glass, Wood, and Metal Doors







Decorative Thru-Bolt End Caps Suitable for Glass, Wood, and Metal Doors



Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1"	6"	2-3/4"	1-3/4"
16"	1"	10"	2-3/4"	1-3/4"
18"	1"	12"	2-3/4"	1-3/4"
24"	1"	18"	2-3/4"	1-3/4"
32"	1"	26"	2-3/4"	1-3/4"
36"	1"	30"	2-3/4"	1-3/4"
48"	1"	42"	2-3/4"	1-3/4"
60"	1"	54"	2-3/4"	1-3/4"
72"	1"	66"	2-3/4"	1-3/4"
84"	1"	60"	2-3/4"	1-3/4"

Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1-1/4"	6"	3"	1-3/4"
16"	1-1/4"	10"	3"	1-3/4"
18"	1-1/4"	12"	3"	1-3/4"
24"	1-1/4"	18"	3"	1-3/4"
32"	1-1/4"	26"	3"	1-3/4"
36"	1-1/4"	30"	3"	1-3/4"
48"	1-1/4"	42"	3"	1-3/4"
60"	1-1/4"	54"	3"	1-3/4"
72"	1-1/4"	66"	3"	1-3/4"
84"	1-1/4"	60"	3"	1-3/4"

Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1-1/2"	6"	3-1/4"	1-3/4"
16"	1-1/2"	10"	3-1/4"	1-3/4"
18"	1-1/2"	12"	3-1/4"	1-3/4"
24"	1-1/2"	18"	3-1/4"	1-3/4"
32"	1-1/2"	26"	3-1/4"	1-3/4"
36"	1-1/2"	30"	3-1/4"	1-3/4"
48"	1-1/2"	42"	3-1/4"	1-3/4"
60"	1-1/2"	54"	3-1/4"	1-3/4"
72"	1-1/2"	66"	3-1/4"	1-3/4"
84"	1-1/2"	60"	3-1/4"	1-3/4"

FINISHES (1)

Side View

OVERALL LENGTHS (2)

DIAMETERS (3)

Brushed Satin = S

Polished = P

Matte Black Powd

Matte Black Powder Coated = B

Bronze Powder Coated = BR

Oil Rubbed Bronze = ORB
Satin Brass = SB

Polished Brass = PB

Matte White Powder Coated = W

Matte GunMetal Grey = MG
Polished GunMetal Grey = PG

12" **= 12**

16" = **16** 18" = **18**

24" **= 24**

32" **= 32**

36" **= 36**

48" **= 48**

60" **= 60**

72" **= 72**

_ __

84" **= 84**

411 4000

1" = 1000

1-1/4" = **1250**

1-1/2" = 1500

For a complete SKU# add Finish (1), Overall length (2) and Diameter (3)

SH-PRO-304-LPH-DE-

FINISH OVERALL LENGTH

DIAMETER

Material: 304 grade stainless steel alloy.

DOOR TYPE

GLASS DOORS
UP TO 3/4"

WOOD & METAL DOORS.
UP TO 4-3/4"

HOLE SIZE
DIAMETER

5/8"

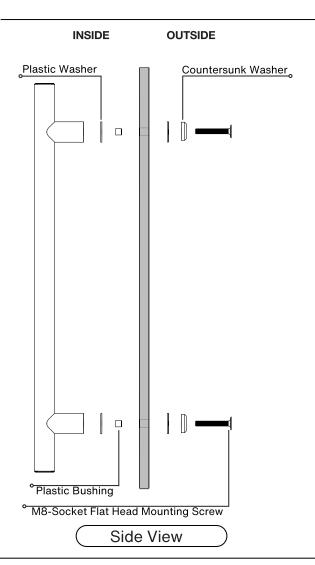
5/16"

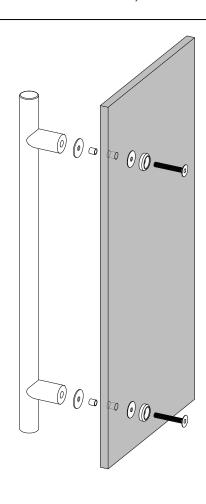
Not all Finishes, Lengths and Diameters are available in this style. For customization requests, please contact us at info@strongarhardware.com



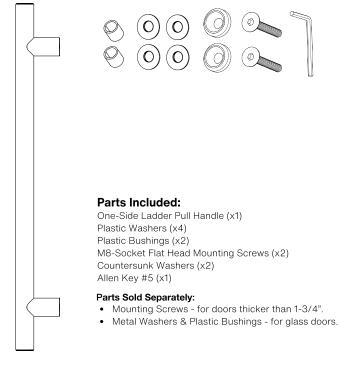
Pro-Line Series™

Countersunk Thru-Bolt Washers Suitable for Glass, Wood and Metal Doors



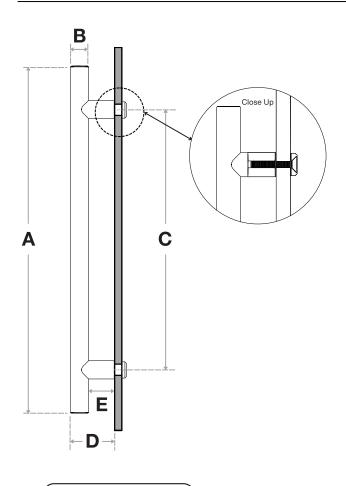


(Axonometric View)





Countersunk Thru-Bolt Washers Suitable for Glass, Wood and Metal Doors



Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1"	6"	2-3/4"	1-3/4"
16"	1"	10"	2-3/4"	1-3/4"
18"	1"	12"	2-3/4"	1-3/4"
24"	1"	18"	2-3/4"	1-3/4"
32"	1"	26"	2-3/4"	1-3/4"
36"	1"	30"	2-3/4"	1-3/4"
48"	1"	42"	2-3/4"	1-3/4"
60"	1"	54"	2-3/4"	1-3/4"
72"	1"	66"	2-3/4"	1-3/4"
84"	1"	60"	2-3/4"	1-3/4"

Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1-1/4"	6"	3"	1-3/4"
16"	1-1/4"	10"	3"	1-3/4"
18"	1-1/4"	12"	3"	1-3/4"
24"	1-1/4"	18"	3"	1-3/4"
32"	1-1/4"	26"	3"	1-3/4"
36"	1-1/4"	30"	3"	1-3/4"
48"	1-1/4"	42"	3"	1-3/4"
60"	1-1/4"	54"	3"	1-3/4"
72"	1-1/4"	66"	3"	1-3/4"
84"	1-1/4"	60"	3"	1-3/4"

Handle Length (A)	Diameter (B)	Center-to-Center (C)	Projection (D)	Clearance (E)
12"	1-1/2"	6"	3-1/4"	1-3/4"
16"	1-1/2"	10"	3-1/4"	1-3/4"
18"	1-1/2"	12"	3-1/4"	1-3/4"
24"	1-1/2"	18"	3-1/4"	1-3/4"
32"	1-1/2"	26"	3-1/4"	1-3/4"
36"	1-1/2"	30"	3-1/4"	1-3/4"
48"	1-1/2"	42"	3-1/4"	1-3/4"
60"	1-1/2"	54"	3-1/4"	1-3/4"
72"	1-1/2"	66"	3-1/4"	1-3/4"
84"	1-1/2"	60"	3-1/4"	1-3/4"

FINISHES (1)

OVERALL LENGTHS (2)

DIAMETERS (3)

Brushed Satin = S Polished = P

Matte Black Powder Coated = B

Side View

Bronze Powder Coated = BR

Oil Rubbed Bronze = ORB



Satin Brass = SB Polished Brass = PB



Matte White Powder Coated = W

Matte GunMetal Grey = MG Polished GunMetal Grey = PG 12" **= 12**

16" = **16**

18" = **18**

24" = **24**

32" **= 32**

36" **= 36**

48" = **48**

60" = **60**

72" = **72**

84" **= 84**

1" = 1000

1-1/4" = **1250**

1-1/2" = 1500

For a complete SKU# add Finish (1), Overall length (2) and Diameter (3)

SH-PRO-304-LPH-CW-

OVERALL LENGTH

DIAMETER

Material: 304 grade stainless steel alloy.

FINISH

DOOR TYPE

GLASS DOORS UP TO 3/4"

WOOD & METAL DOORS. UP TO 4-3/4"

HOLE SIZE DIAMETER 5/8"

5/16"

Not all Finishes, Lengths and Diameters are available in this style. For customization requests, please contact us at info@strongarhardware.com

