

- Low profile design suitable for lower assembling space
- The size of device and assembly method could be customized

41 SERIES Patented.



Material and Finish

Screw:

Hardened carbon steel, nickel finish.

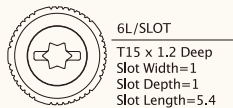
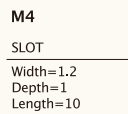
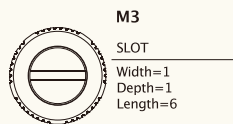
Spring:

300 Series stainless steel.

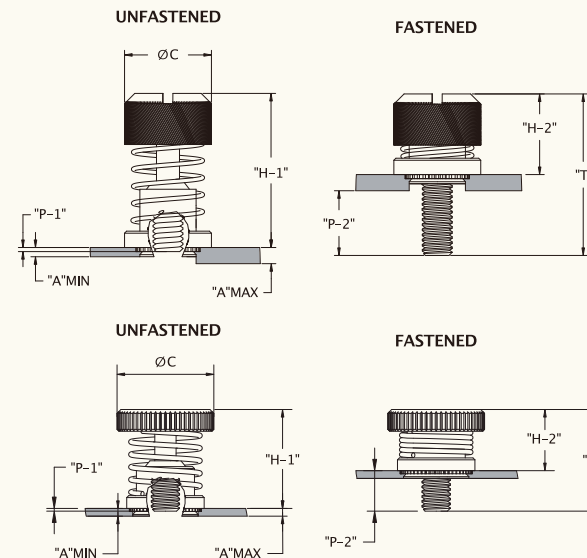
Ferrule:

Hardened carbon steel, nickel finish.

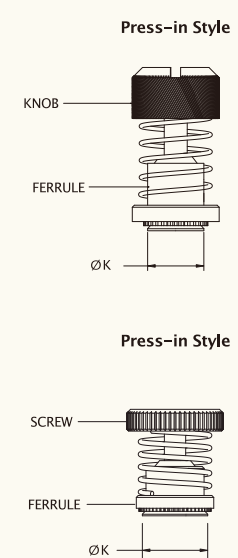
■ Recess Style



■ Knob Height and Screw Projection



■ Installation Style

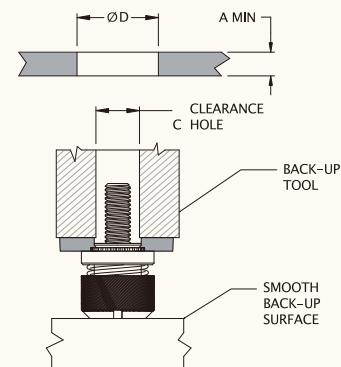


■ Part Number Dimension

RECESS STYLE	ØC	THREAD	SCREW PROJECTION			KNOB HEIGHT		OUTER PANEL DIMENSIONS			ØK	TOTAL FLOAT	PART NUMBER
			T	P-1	P-2	H-1	H-2	A MIN	A MAX	B			
SLOT	Ø8.5	M3	15.8	0.7	7.6	15.1	8.2	0.95	-	-	Ø5.5	0.5	41-112-131
SLOT	Ø12.0	M4	15.8	0.4	7.2	15.4	8.6	1.4	-	-	Ø6.35	0.5	41-512-131
SLOT	Ø12.0	8-32	15.8	0.4	7.2	15.4	8.6	1.4	-	-	Ø6.35	0.5	41-612-131
6L/SLOT	Ø10.0	M3	10.5	0.2	4.3	10.3	6.2	0.8	-	-	Ø6.75	0.5	41-111-411

■ Styled Knob Series Panel Preparation and Installation

RECESS STYLE	Thread Size	ØD	Clearance Hole +0.2 (+.008) -0.1 (-.004)
SLOT	M3	5.6 ±0.04 (.219 ^{+.003} _{-.000})	3.2 (.125)
SLOT	M4/8-32	6.40 ^{+.08} _{-.0} (.250 ^{+.003} _{-.000})	4.3 (.130)
6L/SLOT	M3	6.75 ^{+.08} _{-.0} (.265 ^{+.003} _{-.000})	3.2 (.125)



- Low profile design suitable for lower assembling space
- Small and compact design for limited space

44 SERIES Patented.



Material and Finish

Screw:
Hardened carbon steel, zinc finish.

Spring:
300 Series stainless steel.

Ferrule:
Hardened carbon steel, zinc finish.

■ Recess Style



PHILLIPS
No.1 (M2.5)
Phillips Recess
No.2 (M3, 6-32)
Phillips Recess



6L
(M2.5)
T10 x 1.1 Deep
(M3, 6-32)
T15 x 1.2 Deep

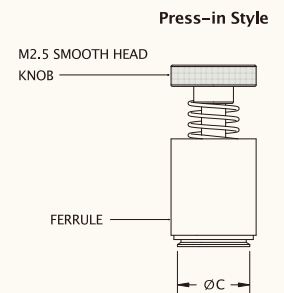


6L/SLOT
T15 x 1.2 Deep
Slot Width=0.8
Slot Depth=0.8
Slot Length=5.2

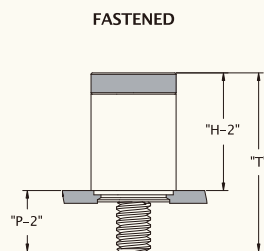
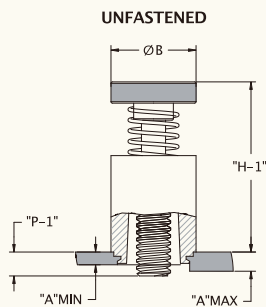


SLOT/PHILLIPS
No.2 Phillips
Slot Width=1.2
Slot Depth=1
Slot Length=7

■ Installation Style

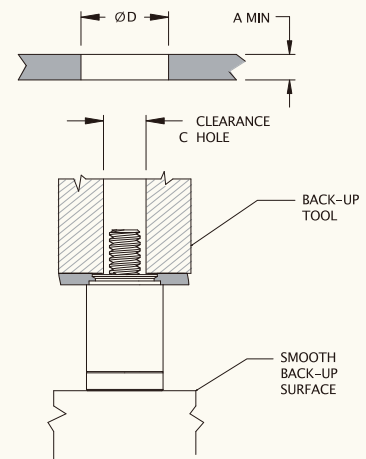


■ Knob Height and Screw Projection



■ Styled Knob Series Panel Preparation and Installation

For Thread Size	ØD	Clearance Hole +0.2 (+.008) -0.1 (-.004)
M2.5	5.2 ±0.04 (.217 ^{+.003} _{-.000})	3.0 (.112)
M3	5.6 ±0.04 (.219 ^{+.003} _{-.000})	3.2 (.125)
#6-32	6.4 ^{+.08} _{-.0} (.250 ^{+.003} _{-.000})	3.7 (.146)



■ Dimensions

mm

THREAD	Knob Diameter		OUTER PANEL DIMENSIONS		SCREW PROJECTION			KNOB HEIGHT		TOTAL FLOAT	PART NUMBER			
	B	ØC	A MIN	A MAX	T	P-1	P-2	H-1	H-2		Phillips Recess	6L Recess	6L/Slot Recess	Slot/Phillips Recess
M2.5	6.0	5.1	0.80	~	12.6	0.6	4.3	12.0	8.3	0.4	44-912-210	44-912-310	-	-
M3	6.8	5.5			13.7	0.5	4.1	13.2	9.6	0.5	44-112-210	44-112-310	44-112-410	44-112-510
#6-32	7.5	6.35			13.7	0.5	4.1	13.2	9.6	0.5	44-412-210	44-412-310	44-412-410	44-412-510

- Designed for hand operation
- Low profile design suitable for lower assembling space
- Small and compact design for limited space

44 SERIES (HEX) Patented.



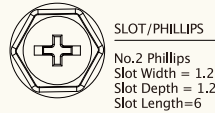
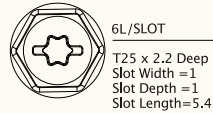
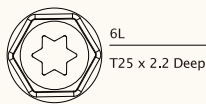
Material and Finish

Screw:
Hardened carbon steel, zinc finish.

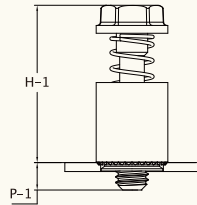
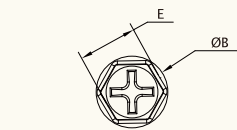
Spring:
300 Series stainless steel.

Ferrule:
Hardened carbon steel, zinc finish.

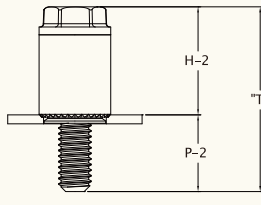
■ Recess Style



■ Knob Height and Screw Projection

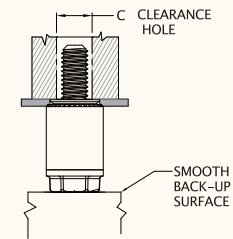
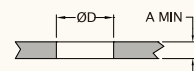


UNFASTENED

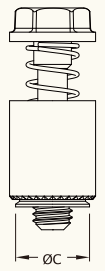


FASTENED

■ Styled Knob Series Panel Preparation and Installation



■ Installation Style



Thread Size	ØD	Clearance Hole +0.2 (+.008) -0.1 (-.004)
M3	5.6 ^{+0.08} ₋₀ (.220 ^{+0.003} _{-.000})	3.2 (.125)

■ Dimensions

mm

THREAD	KNOB DIAMETER			OUTER PANEL DIMENSIONS		SCREW PROJECTION			KNOB HEIGHT		TOTAL FLOAT	PART NUMBER
	B	ØC	E	A MIN	A MAX	T	P-1	P-2	H-1	H-2		SLOT
M3	6.5	5.5	5.6	0.80	~	16.5	2.5	6.9	14.0	9.6	0.3	44-111-749

- Extra petite appearance specially designed for limited space
- Hand screw design increases operation convenience
- Spring design adds hand operating ease and product durability

41 SERIES (Mini Knob) Patented.

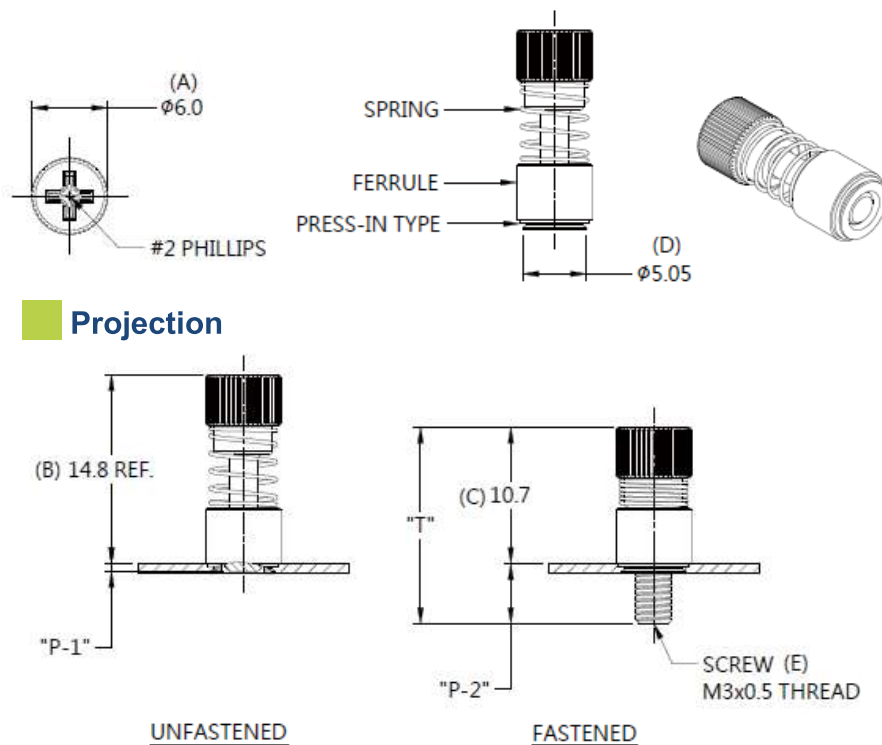


Material and Finish

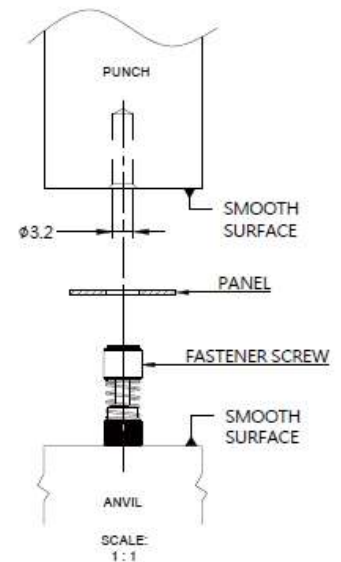
Screw :
Carbon Steel, Zinc Finish

Ferrule :
Carbon Steel, Zinc Finish

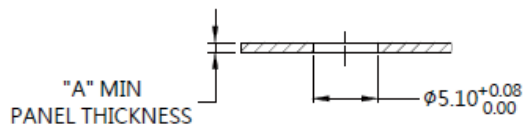
Spring :
300 Series Stainless Steel, Natural Finish.



Installation



Panel Preparation



Dimensions (mm)

SCREW LENGTH "T"	SCREW PROJECTION		PANEL THICKNESS		DIMENSINOS	
	P-1	P-2	A, MIN	A, MAX	" L "	" B "
15.4	0.6	4.7	0.8	~		

FASTENER SCREW

- Designed for hand operation.
- Small and compact design for limited space.
- Color management is available as required by customers.

14 SERIES FASTENER SCREW Ø8mm Patented.



Material and Finish

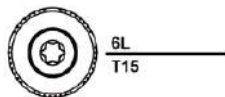
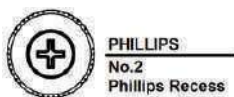
Knob :
Plastic

Screw :
Hardened Carbon Steel, Zinc Finish.

Spring :
300 Series Stainless Steel, Natural Finish.

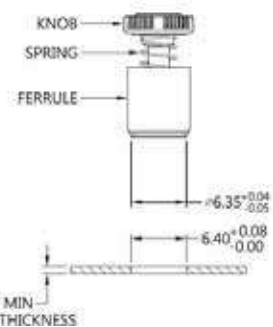
Ferrule :
Carbon Steel, nickle finish. / 6000 Series Aluminum, Natural Finish.

Recess Style

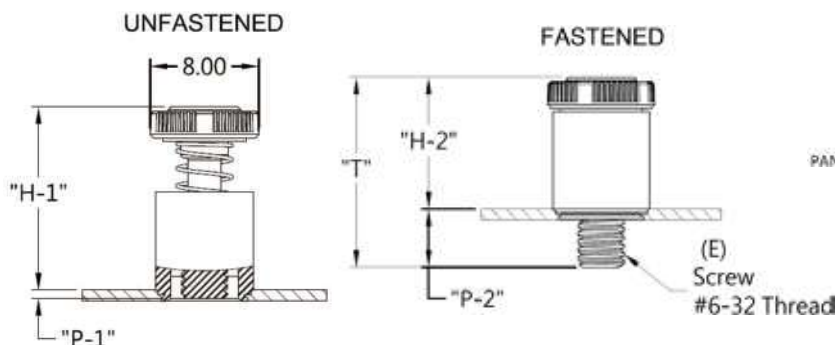


Installation Style

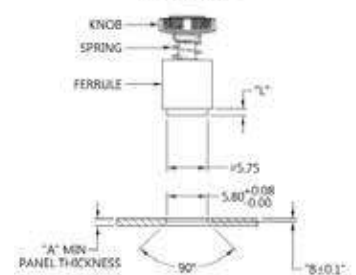
Press-in Style



Knob High and Screw Projection (Press-in Style Shown)



Flare-in Style



Knob Color Options

Standard colors



Dimensions

INSTALLATION STYLE	THREAD	OUTER PANEL DIMENSIONS			SCREW PROJECTION			KNOB HEIGHT		FLANGE LENGTH
		A MIN	A MAX	B	T	P-1	P-2	H-1	H-2	L
Press-in Style	#6-32	0.8	-	---	14.0	0.6	4.3	13.4	9.7	---
	M3	-	-	-	-	-	-	-	-	-
	M3.5	-	-	-	-	-	-	-	-	-
Flare-in Style	#6-32	0.8	-	0.4	14.0	0.8	4.5	13.2	9.5	1.0
	M3	-	-	-	-	-	-	-	-	-
	M3.5	-	-	-	-	-	-	-	-	-

FASTENER SCREW

- Designed for hand operation.
- Small and compact design for limited space.
- Color management is available as required by customers.

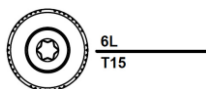
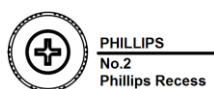
14 SERIES FASTENER SCREW Ø8mm Patented.



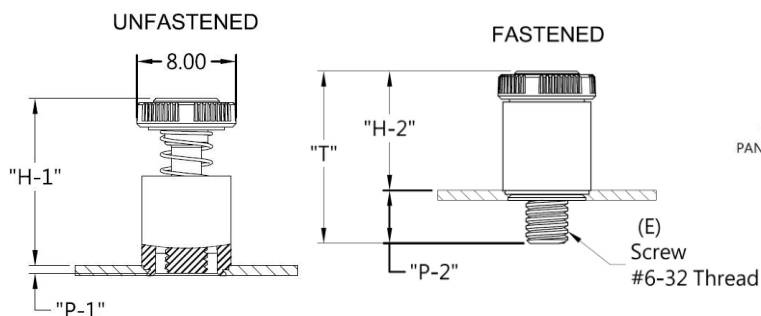
Material and Finish

Knob :
Plastic
Screw :
Hardened Carbon Steel, Zinc Finish.
Spring :
300 Series Stainless Steel, Natural Finish.
Ferrule :
Carbon Steel, nickle finish. / 6000 Series Aluminum, Natural Finish.

Recess Style

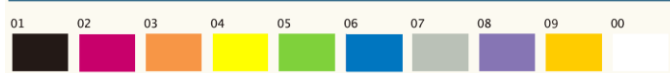


Knob High and Screw Projection (Press-in Style Shown)

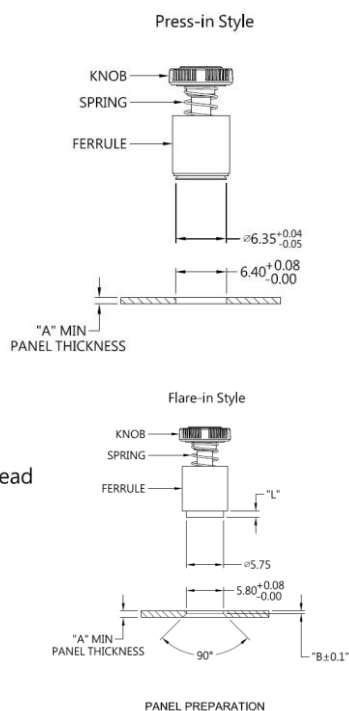


Knob Color Options

Standard colors



Installation Style



PANEL PREPARATION

Dimensions

INSTALLATION STYLE	THREAD	OUTER PANEL DIMENSIONS			SCREW PROJECTION			KNOB HEIGHT		FLANGE LENGTH
		A MIN	A MAX	B	T	P-1	P-2	H-1	H-2	L
Press-in Style	#6-32	0.8	-	---	14.0	0.6	4.3	13.4	9.7	---
	M3	-	-	-	-	-	-	-	-	-
	M3.5	-	-	-	-	-	-	-	-	-
Flare-in Style	#6-32	0.8	-	0.4	14.0	0.8	4.5	13.2	9.5	1.0
	M3	-	-	-	-	-	-	-	-	-
	M3.5	-	-	-	-	-	-	-	-	-