

- Security function: the outer part is a self-rotating mechanism that only a tool matching the screw head can dismantle
- Special head shapes and tools could be custom-made according to customers' requirements

32 SERIES Patented.



Material and Finish

Knob:
6000 Series aluminum, natural.

Screw:
400 Series stainless steel, passivated.

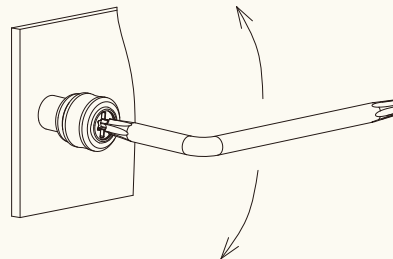
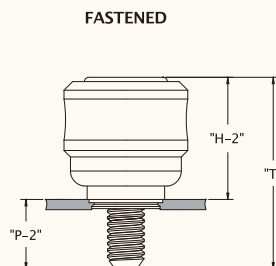
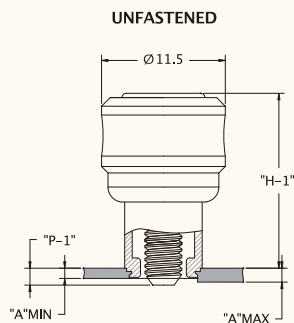
Spring:
300 Series stainless steel.

Ferrule:
Hardened carbon steel, nickel finish.

■ Recess Style

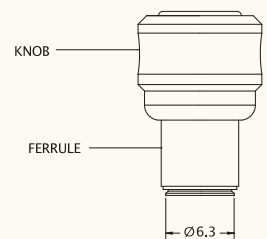


■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style

Press-in Style



■ 6-32 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		SCREW PROJECTION		FLANGE LENGTH L	TOTAL FLOAT	PART NUMBER				
	A MIN	A MAX	B	H-1	H-2	P-1	P-2			Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess
Press-in Style	0.8	~	~	16.1	11.4	0.4	5.1	~	0.8	32-412-140	32-412-240	32-412-340	32-412-440	32-412-540

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES M3 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

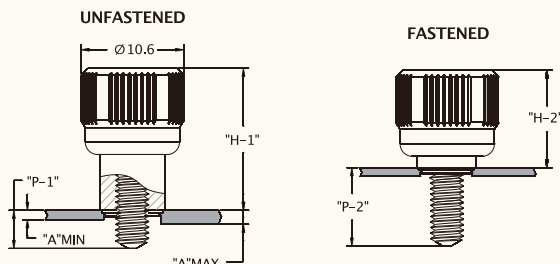
WASHER (Floating Style):

300 Series stainless steel, passivated.

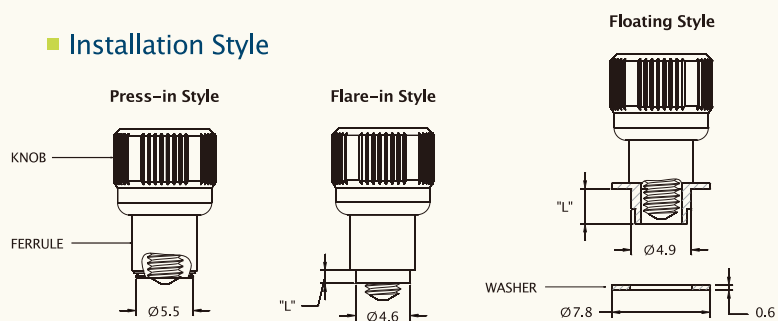
■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ M3 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER				
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess
Press-in Style	0.8	~	~	11.5	8.2	~	0.7	0.7	4.0	33-111-110	33-111-210	33-111-310	33-111-410	33-111-510
	2.3							5.6	33-111-120	33-111-220	33-111-320	33-111-420	33-111-520	
	0.7							4.0	33-112-110	33-112-210	33-112-310	33-112-410	33-112-510	
	2.3							5.6	33-112-120	33-112-220	33-112-320	33-112-420	33-112-520	
Flare-in Style	0.8	1.5	0.4	11.3	8.1	1.0	0.7	2.5	5.7	33-121-120	33-121-220	33-121-320	33-121-420	33-121-520
	1.5	2.5	0.4			1.8		4.1	7.3	33-121-130	33-121-230	33-121-330	33-121-430	33-121-530
								2.5	5.7	33-122-120	33-122-220	33-122-320	33-122-420	33-122-520
								4.1	7.3	33-122-130	33-122-230	33-122-330	33-122-430	33-122-530
Floating Style	~	0.8	2.0	11.9	8.7	2.6	2.0	1.9	5.1	33-131-120	33-131-220	33-131-320	33-131-420	33-131-520
								3.5	6.7	33-131-130	33-131-230	33-131-330	33-131-430	33-131-530

Installation for all styles

For panel preparation and installation instructions, see page 34 and 35.
The following specification is compatible with PC-Board type.

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES 4-40 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

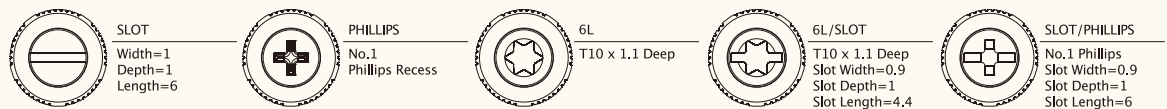
Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

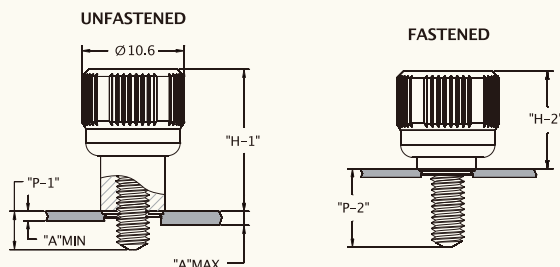
WASHER (Floating Style):

300 Series stainless steel, passivated.

■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ 4-40 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER				
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess
Press-in Style	0.8	~	~	11.5	8.2	~	0.7	0.7	4.0	33-211-110	33-211-210	33-211-310	33-211-410	33-211-510
								2.3	5.6	33-211-120	33-211-220	33-211-320	33-211-420	33-211-520
	0.9							0.7	4.0	33-212-110	33-212-210	33-212-310	33-212-410	33-212-510
								2.3	5.6	33-212-120	33-212-220	33-212-320	33-212-420	33-212-520
Flare-in Style	0.8	1.5	0.4	11.3	8.1	1.0	0.7	2.5	5.7	33-221-120	33-221-220	33-221-320	33-221-420	33-221-520
								4.1	7.3	33-221-130	33-221-230	33-221-330	33-221-430	33-221-530
	1.5	2.5	0.4			1.8		2.5	5.7	33-222-120	33-222-220	33-222-320	33-222-420	33-222-520
								4.1	7.3	33-222-130	33-222-230	33-222-330	33-222-430	33-222-530
Floating Style	~	0.8	2.0	11.9	8.7	2.6	2.0	1.9	5.1	33-231-120	33-231-220	33-231-320	33-231-420	33-231-520
								3.5	6.7	33-231-130	33-231-230	33-231-330	33-231-430	33-231-530

Installation for all styles

For panel preparation and installation instructions, see page 34 and 35. The following specification is compatible with PC-Board type.

CAPTIVE SCREW

- Fast positioning device is a fast solution that does not require extra tools.
- Designed for hand operation.
- Spring-ejected.
- The size of device and assembly method could be customized.

13 SERIES Captive Screw Ø8.5mm Patented.



Material and Finish

Knob :
6000 Series Aluminum, Natural Finish.
Screw :
400 Series Stainless Steel, Natural Finish.
Spring :
300 Series Stainless Steel, Natural Finish.
Ferrule :
Hardened Carbon Steel, Zinc Finish.

Recess Style

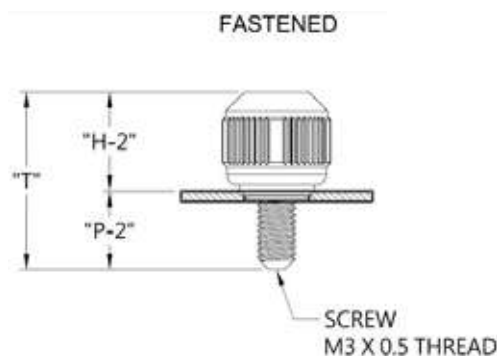
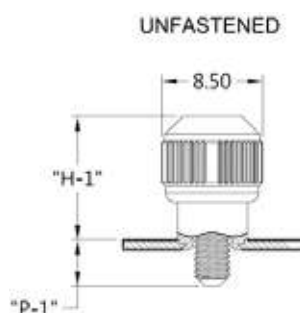


PHILLIPS
No.2
Phillips Recess

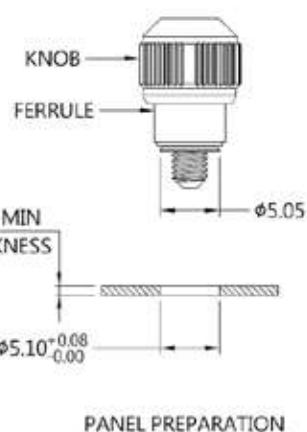


6L
T15

Knob High and Screw Projection



Installation Style



Dimensions

INSTALLATION STYLE	THREAD	OUTER PANEL DIMENSIONS		SCREW PROJECTION			KNOB HEIGHT	
		A MIN	A MAX	T	P-1	P-2	H-1	H-2
Press-in Style	M3	0.8	-	13.8	3.45	6.1	10.35	7.70

- Fast positioning device is a fast solution that does not require extra tools
- Low profile design for hand operation

43 SERIES Patented.



Material and Finish

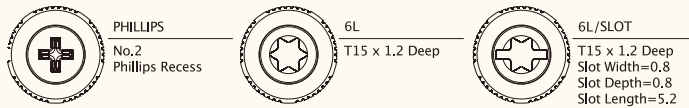
Knob:
6000 Series aluminum.

Screw:
Alloysteel, zinc finish.

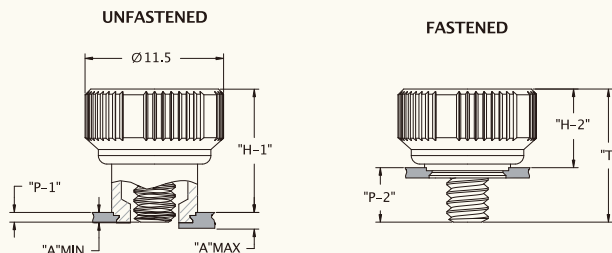
Spring:
300 Series stainless steel.

Ferrule:
Hardened carbon steel, zinc finish.

■ Recess Style



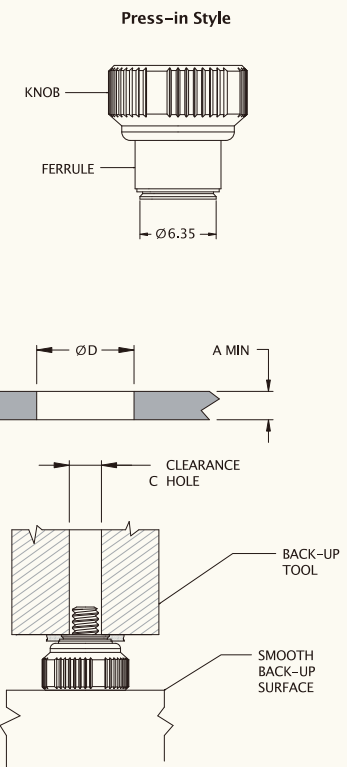
■ Knob Height and Screw Projection



■ Styled Knob Series Panel Preparation and Installation

Thread Size	ØD	Clearance Hole +0.2 (+.008) -0.1 (-.004)
#6-32	6.4 ^{+.08} _{-.0} (.250 ^{+.003} _{-.000})	3.7 (.146)

■ Installation Style



■ Dimensions

mm

THREAD	OUTER PANEL DIMENSIONS		SCREW PROJECTION			KNOB HEIGHT		TOTAL FLOAT	PART NUMBER		
	A MIN	A MAX	T	P-1	P-2	H-1	H-2		Phillips Recess	6L Recess	6L/Slot Recess
#6-32	0.80	~	10.8	0.6	4.3	10.2	6.5	0.6	43-412-200	43-412-300	43-412-400
			12.8	1.4	5.1	10.2	6.5		43-412-290	43-412-390	43-412-490

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES 6-32 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

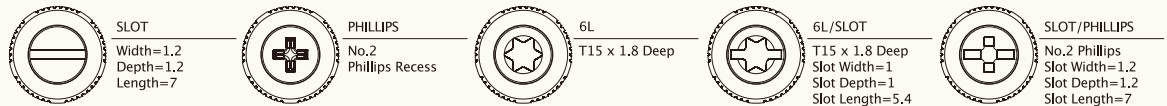
Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

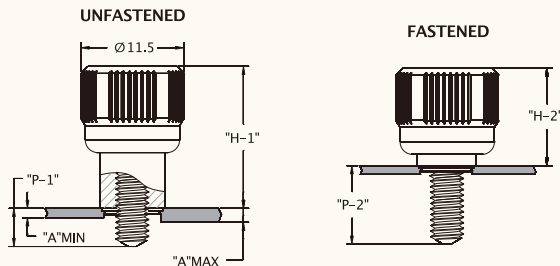
WASHER (Floating Style):

300 Series stainless steel, passivated.

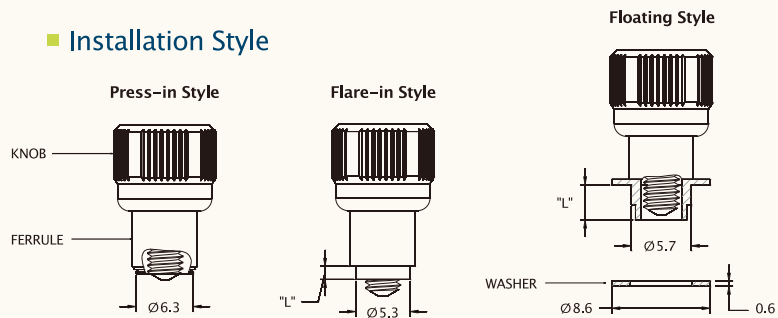
■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ 6-32 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER				
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess
Press-in Style	0.8	~	~	16.0	11.2	~	0.8	0.5	5.3	33-411-140	33-411-240	33-411-340	33-411-440	33-411-540
	2.0							6.8	33-411-150	33-411-250	33-411-350	33-411-450	33-411-550	
	0.5							5.3	33-412-140	33-412-240	33-412-340	33-412-440	33-412-540	
	2.0							6.8	33-412-150	33-412-250	33-412-350	33-412-450	33-412-550	
Flare-in Style	1.5	3.2	0.4	15.3	10.4	1.8	0.8	1.2	6.1	33-421-140	33-421-240	33-421-340	33-421-440	33-421-540
	3.2	4.8	1.6			3.4		2.7	7.6	33-421-150	33-421-250	33-421-350	33-421-450	33-421-550
						2.7		7.6	33-422-150	33-422-250	33-422-350	33-422-450	33-422-550	
						4.3		9.2	33-422-160	33-422-260	33-422-360	33-422-460	33-422-560	
Floating Style	0.8	1.6	2.9	15.4	10.6	3.7	2.0	2.6	7.4	33-432-150	33-432-250	33-432-350	33-432-450	33-432-550
								4.2	9.0	33-432-160	33-432-260	33-432-360	33-432-460	33-432-560

Installation for all styles

For panel preparation and installation instructions, see page 34 and 35. The following specification is compatible with PC-Board type.

CAPTIVE SCREW

- Special headless screw with ID appearance showing a high quality of tool-less display
- Screw head styles, surface treatments and materials can be requested to match customers' requirements

38 SERIES Patented.



Material and Finish

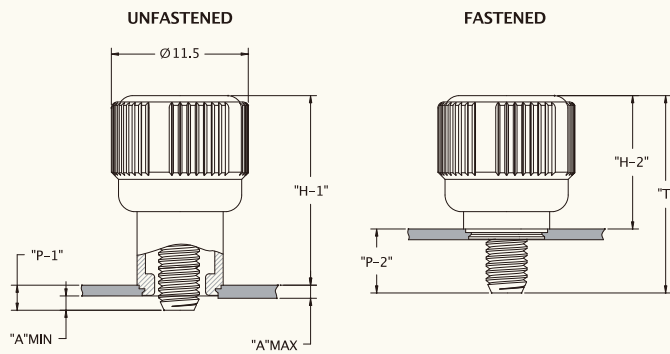
Knob:
6000 Series aluminum, anodize color.

Screw:
Low carbon steel, zinc finish.

Spring:
300 Series stainless steel.

Ferrule:
Press-in: Hardened carbon steel, zinc finish.
Flare-in: 6000 Series aluminum, natural.

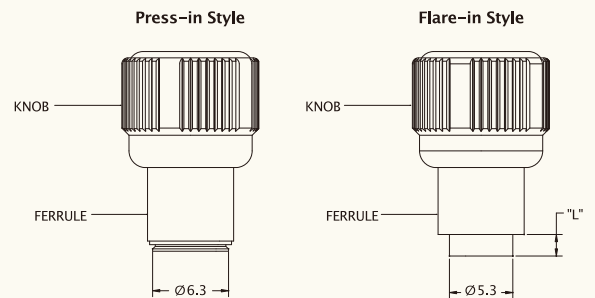
■ Knob Height and Screw Projection



■ Special Knob Style Customized

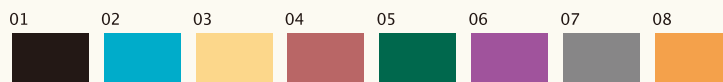


■ Installation Style



■ Knob Color Options

Standard colors



■ 6-32 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		SCREW PROJECTION		FLANGE LENGTH L	TOTAL FLOAT	ANODIZE COLOR			
	A MIN	A MAX	B	H-1	H-2	P-1	P-2			BLACK	BLUE	YELLOW	RED
Press-in Style	0.8	~	~	16.0	11.0	0.5	5.5	~	0.8	38-412-044-01	38-412-044-02	38-412-044-03	38-412-044-04
										38-412-044-05	38-412-044-06	38-412-044-07	38-412-044-08

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		SCREW PROJECTION		FLANGE LENGTH L	TOTAL FLOAT	ANODIZE COLOR			
	A MIN	A MAX	B	H-1	H-2	P-1	P-2			BLACK	BLUE	YELLOW	RED
Flare-in Style	1.5	3.2	0.4	15.3	10.4	1.2	6.1	1.8	0.8	38-421-044-01	38-421-044-02	38-421-044-03	38-421-044-04
										38-421-044-05	38-421-044-06	38-421-044-07	38-421-044-08

- Design for hand operation
- Small and compact design for limited space

37 SERIES Patented.

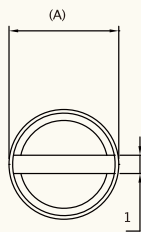


Material and Finish

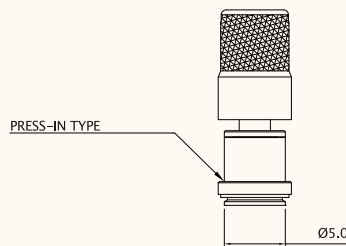
Screw:
Hardened carbon steel, zinc finish.

Ferrule:
Hardened carbon steel, zinc finish.

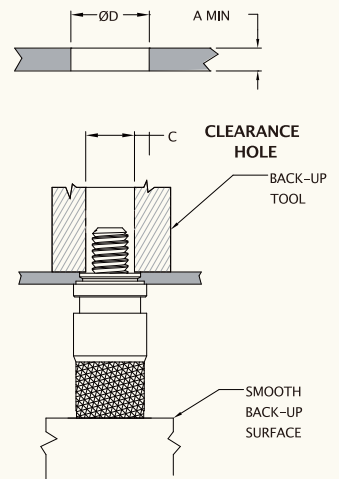
■ Recess Style



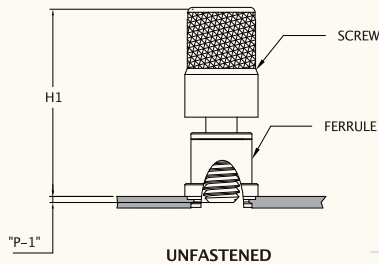
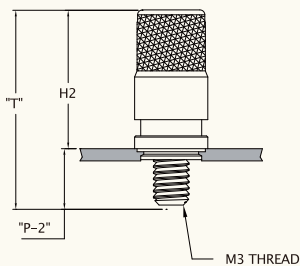
■ Installation Style



■ Styled Knob Series Panel Preparation and Installation



■ Knob Height and Screw Projection



Thread Size	ØD	Clearance Hole +0.2 (+.008) -0.1 (-.004)
M3	5.1 ^{+.08} _{-.0} (.200 ^{+.003} _{-.000})	3.2(.125)

■ Dimensions

mm

Thread	OUTER PANEL DIMENSIONS		SCREW PROJECTION			KNOB HEIGHT		TOTAL FLOAT	PART NUMBER Slot Recess
	A MIN	A MAX	T	P-1	P-2	H-1	H-2		
M3	0.8	~	16.0	1.3	4.7	15.3	11.3	0.5	37-13502

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

34 SERIES Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

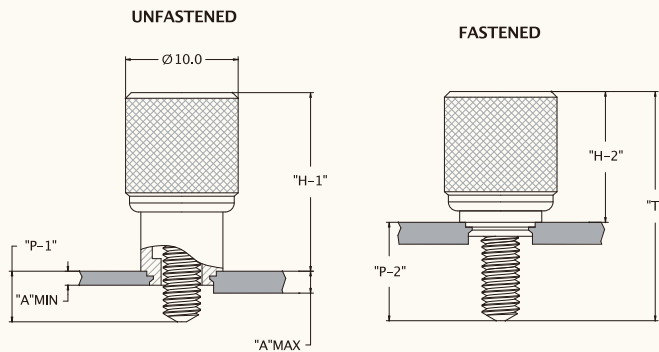
Ferrule:

Hardened carbon steel, zinc finish.

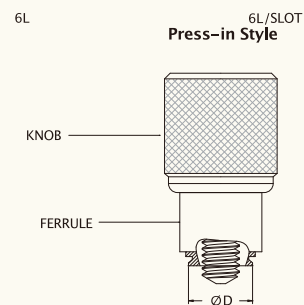
■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ M3 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS		FLANGE DIAMETER ØD	KNOB HEIGHT		SCREW PROJECTION		TOTAL FLOAT	PART NUMBER				
	A MIN	A MAX		H-1	H-2	P-1	P-2		Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess
Press-in Style	0.8	~	5.5	16.7	12.2	1.3	5.8	0.8	34-112-150	34-112-250	34-112-350	34-112-450	34-112-550
				16.7	12.2	3.3	7.8		34-112-160	34-112-260	34-112-360	34-112-460	34-112-560

■ 6-32 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS		FLANGE DIAMETER ØD	KNOB HEIGHT		SCREW PROJECTION		TOTAL FLOAT	PART NUMBER				
	A MIN	A MAX		H-1	H-2	P-1	P-2		Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess
Press-in Style	0.8	~	6.3	16.7	12.2	1.3	5.8	0.8	34-412-150	34-412-250	34-412-350	34-412-450	34-412-550
				16.7	12.2	3.3	7.8		34-412-160	34-412-260	34-412-360	34-412-460	34-412-560

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES M6 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

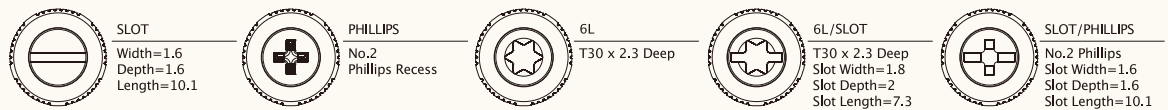
Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

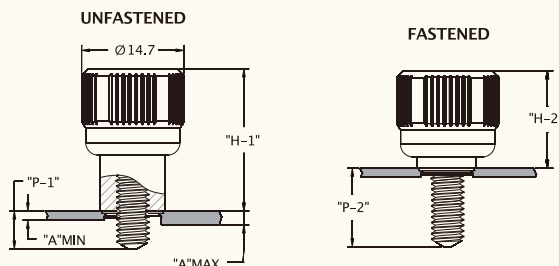
WASHER (Floating Style):

300 Series stainless steel, passivated.

■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ M6 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER				
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess
Press-in Style	0.9	~	~	20.0	13.4	~	0.8	0.5	7.1	33-912-150	33-912-250	33-912-350	33-912-450	33-912-550
								2.1	8.7	33-912-160	33-912-260	33-912-360	33-912-460	33-912-560
								3.8	10.4	33-912-170	33-912-270	33-912-370	33-912-470	33-912-570
								5.4	12.0	33-912-180	33-912-280	33-912-380	33-912-480	33-912-580
Flare-in Style	1.5	3.2	0.4	19.3	12.7	1.8	0.8	1.2	7.8	33-921-150	33-921-250	33-921-350	33-921-450	33-921-550
								2.8	9.4	33-921-160	33-921-260	33-921-360	33-921-460	33-921-560
	3.2	4.8	1.6			3.4		2.8	9.4	33-922-160	33-922-260	33-922-360	33-922-460	33-922-560
								4.5	11.1	33-922-170	33-922-270	33-922-370	33-922-470	33-922-570
Floating Style	0.8	1.6	3.3	20.0	13.3	4.0	2.3	3.8	10.5	33-932-170	33-932-270	33-932-370	33-932-470	33-932-570
								5.4	12.1	33-932-180	33-932-280	33-932-380	33-932-480	33-932-580

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES 10-32 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

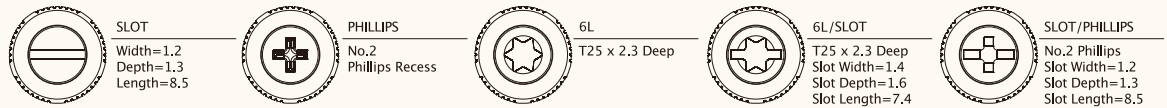
Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

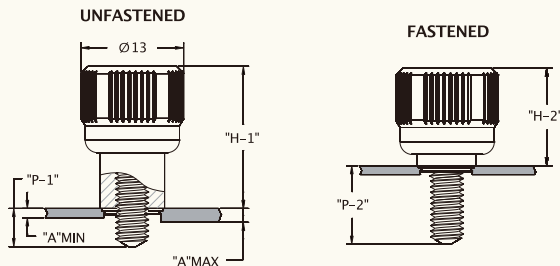
WASHER (Floating Style):

300 Series stainless steel, passivated.

■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ 10-32 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER					
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess	
Press-in Style	0.9	~	~	16.2	11.0	~	0.8	0.7	5.9	33-812-110	33-812-210	33-812-310	33-812-410	33-812-510	
								2.3	7.5	33-812-120	33-812-220	33-812-320	33-812-420	33-812-520	
								3.8	9.0	33-812-130	33-812-230	33-812-330	33-812-430	33-812-530	
								5.4	10.6	33-812-140	33-812-240	33-812-340	33-812-440	33-812-540	
Flare-in Style	1.5	3.2	0.4	15.6	10.5	1.8	0.8	1.3	6.4	33-821-110	33-821-210	33-821-310	33-821-410	33-821-510	
								2.9	8.0	33-821-120	33-821-220	33-821-320	33-821-420	33-821-520	
	3.2	4.8	1.6			3.4		2.9	8.0	33-822-120	33-822-220	33-822-320	33-822-420	33-822-520	
								4.4	9.5	33-822-130	33-822-230	33-822-330	33-822-430	33-822-530	
Floating Style	0.8	1.6	3.1	16.0	11.2	4.0	2.3	2.5	7.3	33-832-120	33-832-220	33-832-320	33-832-420	33-832-520	
								4.0	8.8	33-832-130	33-832-230	33-832-330	33-832-430	33-832-530	

Installation for all styles

For panel preparation and installation instructions, see page 34 and 35.

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES M5 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

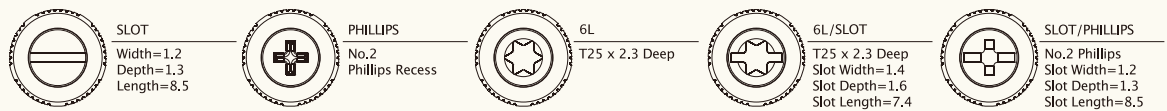
Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

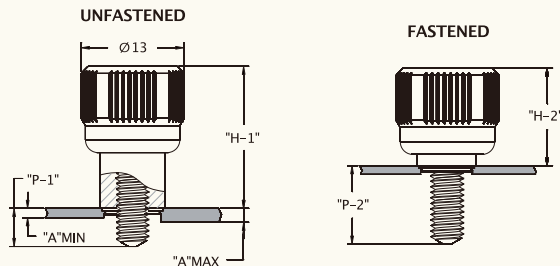
WASHER (Floating Style):

300 Series stainless steel, passivated.

■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ M5 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER					
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess	
Press-in Style	0.9	~	~	16.2	11.0	~	0.8	0.7	5.9	33-712-110	33-712-210	33-712-310	33-712-410	33-712-510	
								2.3	7.5	33-712-120	33-712-220	33-712-320	33-712-420	33-712-520	
								3.8	9.0	33-712-130	33-712-230	33-712-330	33-712-430	33-712-530	
								5.4	10.6	33-712-140	33-712-240	33-712-340	33-712-440	33-712-540	
Flare-in Style	1.5	3.2	0.4	15.6	10.5	1.8	0.8	1.3	6.4	33-721-110	33-721-210	33-721-310	33-721-410	33-721-510	
								2.9	8.0	33-721-120	33-721-220	33-721-320	33-721-420	33-721-520	
	3.2	4.8	1.6			3.4		2.9	8.0	33-722-120	33-722-220	33-722-320	33-722-420	33-722-520	
								4.4	9.5	33-722-130	33-722-230	33-722-330	33-722-430	33-722-530	
Floating Style	0.8	1.6	3.1	16.0	11.2	4.0	2.3	2.5	7.3	33-732-120	33-732-220	33-732-320	33-732-420	33-732-520	
								4.0	8.8	33-732-130	33-732-230	33-732-330	33-732-430	33-732-530	

Installation for all styles

For panel preparation and installation instructions, see page 34 and 35.

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES 8-32 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

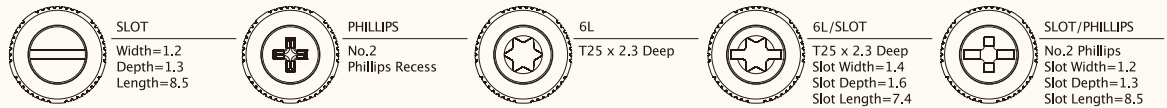
Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

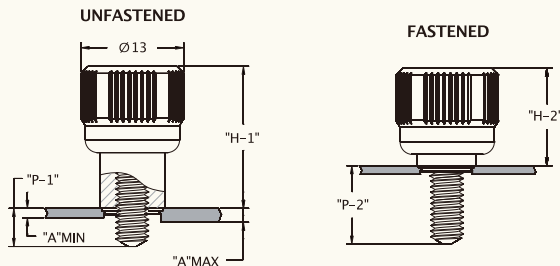
WASHER (Floating Style):

300 Series stainless steel, passivated.

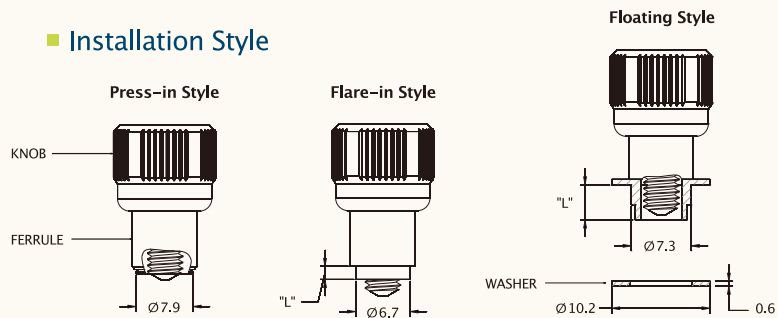
■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ 8-32 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER					
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess	
Press-in Style	0.9	~	~	16.2	11.0	~	0.8	0.7	5.9	33-612-110	33-612-210	33-612-310	33-612-410	33-612-510	
								2.3	7.5	33-612-120	33-612-220	33-612-320	33-612-420	33-612-520	
								3.8	9.0	33-612-130	33-612-230	33-612-330	33-612-430	33-612-530	
								5.4	10.6	33-612-140	33-612-240	33-612-340	33-612-440	33-612-540	
Flare-in Style	1.5	3.2	0.4	15.6	10.5	1.8	0.8	1.3	6.4	33-621-110	33-621-210	33-621-310	33-621-410	33-621-510	
								2.9	8.0	33-621-120	33-621-220	33-621-320	33-621-420	33-621-520	
	3.2	4.8	1.6			3.4		2.9	8.0	33-622-120	33-622-220	33-622-320	33-622-420	33-622-520	
								4.4	9.5	33-622-130	33-622-230	33-622-330	33-622-430	33-622-530	
Floating Style	0.8	1.6	3.1	16.0	11.2	4.0	2.3	2.5	7.3	33-632-120	33-632-220	33-632-320	33-632-420	33-632-520	
								4.0	8.8	33-632-130	33-632-230	33-632-330	33-632-430	33-632-530	

Installation for all styles

For panel preparation and installation instructions, see page 34 and 35.

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES M4 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

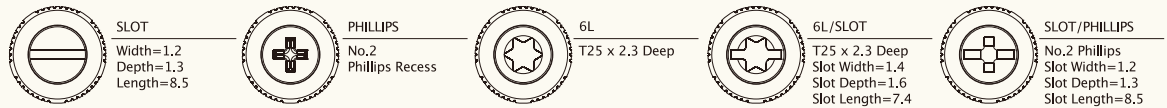
Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

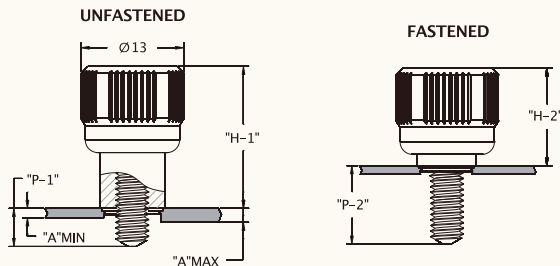
WASHER (Floating Style):

300 Series stainless steel, passivated.

■ Recess Style



■ Knob Height and Screw Projection (Press-in Style Shown)



■ Installation Style



■ M4 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER					
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess	
Press-in Style	0.9	~	~	16.2	11.0	~	0.8	0.7	5.9	33-512-110	33-512-210	33-512-310	33-512-410	33-512-510	
								2.3	7.5	33-512-120	33-512-220	33-512-320	33-512-420	33-512-520	
								3.8	9.0	33-512-130	33-512-230	33-512-330	33-512-430	33-512-530	
								5.4	10.6	33-512-140	33-512-240	33-512-340	33-512-440	33-512-540	
Flare-in Style	1.5	3.2	0.4	15.6	10.5	1.8	0.8	1.3	6.4	33-521-110	33-521-210	33-521-310	33-521-410	33-521-510	
								2.9	8.0	33-521-120	33-521-220	33-521-320	33-521-420	33-521-520	
	3.2	4.8	1.6			3.4		2.9	8.0	33-522-120	33-522-220	33-522-320	33-522-420	33-522-520	
								4.4	9.5	33-522-130	33-522-230	33-522-330	33-522-430	33-522-530	
Floating Style	0.8	1.6	3.1	16.0	11.2	4.0	2.3	2.5	7.3	33-532-120	33-532-220	33-532-320	33-532-420	33-532-520	
								4.0	8.8	33-532-130	33-532-230	33-532-330	33-532-430	33-532-530	

Installation for all styles

For panel preparation and installation instructions, see page 34 and 35.

CAPTIVE SCREW

- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES M3.5 THREAD Patented.



Material and Finish

Knob:

6000 Series aluminum, natural.

Screw:

400 Series stainless steel, passivated.

Spring:

300 Series stainless steel.

Ferrule:

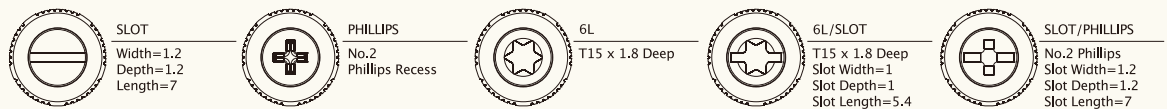
Press-in: Hardened carbon steel, nickel finish.

Flare-in and Floating: 6000 Series aluminum, natural.

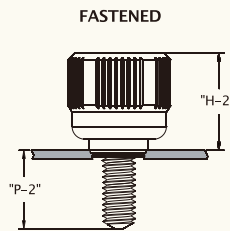
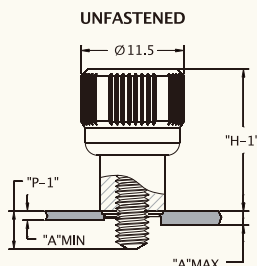
WASHER (Floating Style):

300 Series stainless steel, passivated.

■ Recess Style

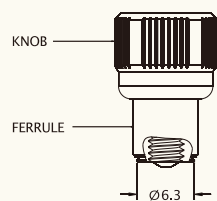


■ Knob Height and Screw Projection (Press-in Style Shown)

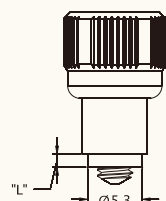


■ Installation Style

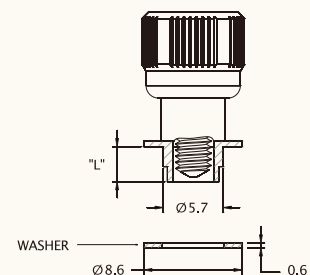
Press-in Style



Flare-in Style



Floating Style



■ M3.5 Thread Size

mm

INSTALLATION STYLE	OUTER PANEL DIMENSIONS			KNOB HEIGHT		FLANGE LENGTH	TOTAL FLOAT	SCREW PROJECTION		PART NUMBER				
	A MIN	A MAX	B	H-1	H-2	L		P-1	P-2	Slot Recess	Phillips Recess	6L Recess	6L/Slot Recess	Phillips/Slot Recess
Press-in Style	0.8	~	~	16.0	11.2	~	0.8	0.5	5.3	33-311-140	33-311-240	33-311-340	33-311-440	33-311-540
	2.0							6.8	33-311-150	33-311-250	33-311-350	33-311-450	33-311-550	
	0.5							5.3	33-312-140	33-312-240	33-312-340	33-312-440	33-312-540	
	2.0							6.8	33-312-150	33-312-250	33-312-350	33-312-450	33-312-550	
Flare-in Style	1.5	3.2	0.4	15.3	10.4	1.8	0.8	1.2	6.1	33-321-140	33-321-240	33-321-340	33-321-440	33-321-540
	3.2	4.8	1.6			3.4		2.7	7.6	33-321-150	33-321-250	33-321-350	33-321-450	33-321-550
								2.7	7.6	33-322-150	33-322-250	33-322-350	33-322-450	33-322-550
								4.3	9.2	33-322-160	33-322-260	33-322-360	33-322-460	33-322-560
Floating Style	0.8	1.6	2.9	15.4	10.6	3.7	2.0	2.6	7.4	33-332-150	33-332-250	33-332-350	33-332-450	33-332-550
								4.2	9.0	33-332-160	33-332-260	33-332-360	33-332-460	33-332-560