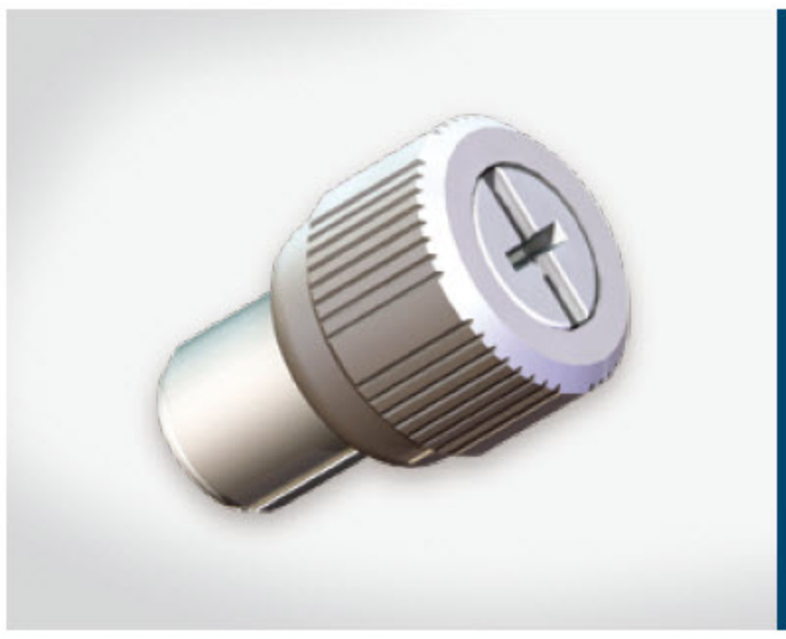
- Fast positioning device is a fast solution that does not require extra tools
- Designed for hand operation
- Spring-ejected
- The size of device and assembly method could be customized

33 SERIES M3 THREAD



Material and Finish

Knob:
6000 Series aluminum, natural.

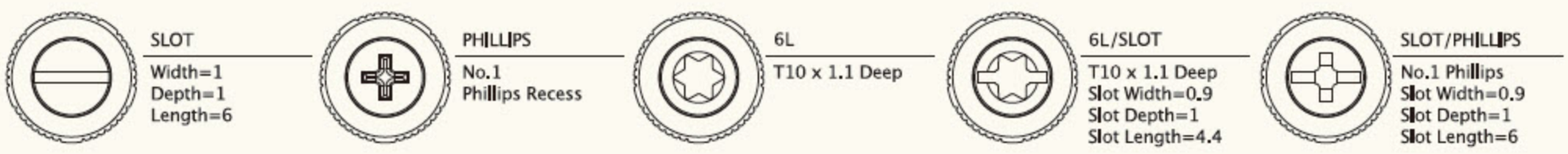
Screw:
400 Series stainless steel, passivated.

Spring:
300 Series stainless steel.

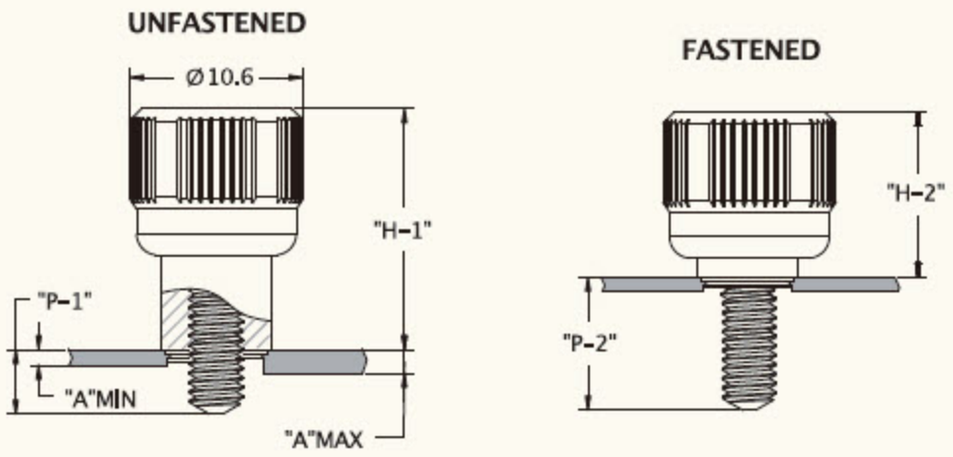
Ferrule:
Press-in: Hardened carbon steel, nickel finish.
Flare-in and Floating: 6000 Series aluminum, natural.

WASHER (Floating Style):
300 Series stainless steel, passivated.

Recess Style



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



Installation Style

M3 Thread Size

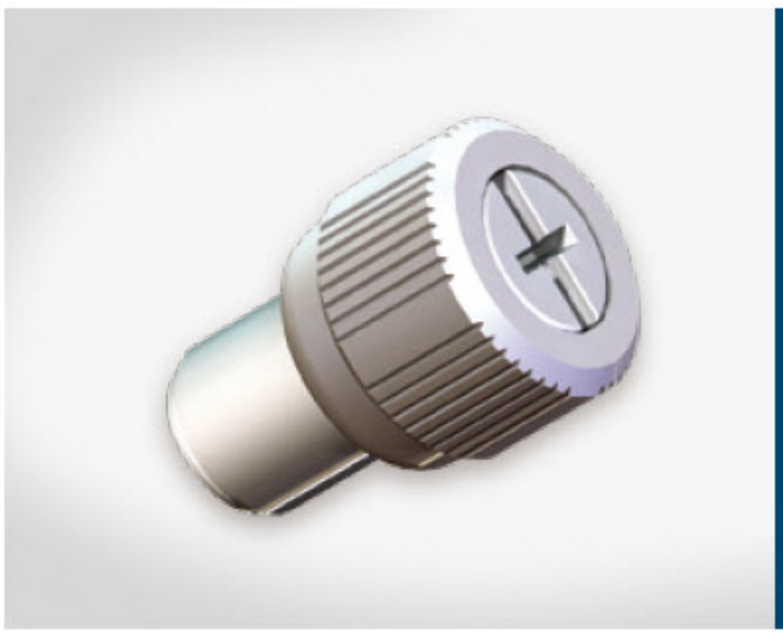
mm

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
	0.9							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
								4.1	7.3	33-121-130	33-121-230	33-121-330	33-121-430	33-121-530
	1.5	2.5	0.4			1.8		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



Material and Finish

Knob:
6000 Series aluminum, natural.

Screw:
400 Series stainless steel, passivated.

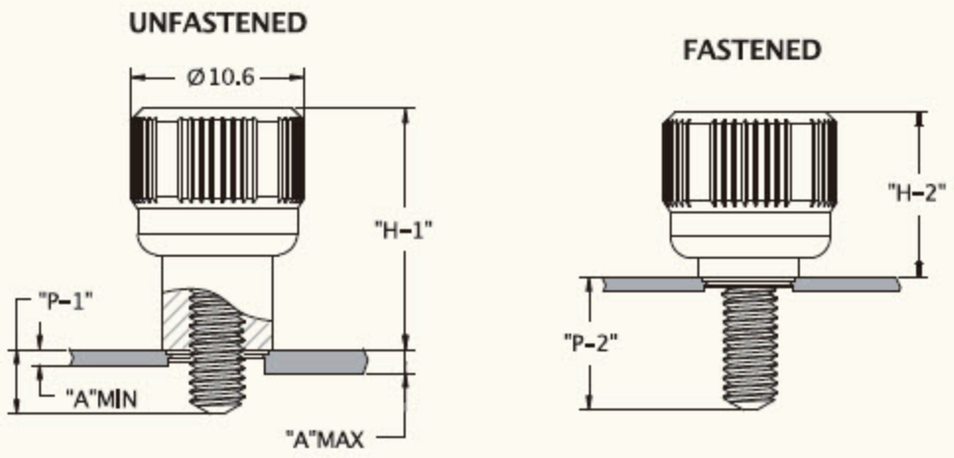
Spring:
300 Series stainless steel.

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 A MIN	A MAX	B	KNOB HEIGHT H-1	H-2	FLANGE LENGTH L	TOTAL FLOAT	SCREW PROJECTION P-1	P-2	PART NUMBER 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.

- 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

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

SLOT
Width=1.2
Depth=1.2
Length=7

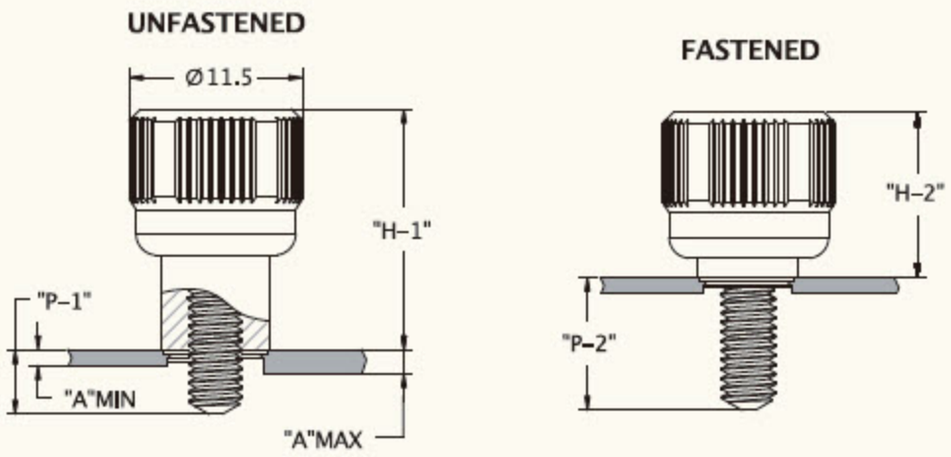
PHILLIPS
No.2
Phillips Recess

6L
T15 x 1.8 Deep

6L/SLOT
T15 x 1.8 Deep
Slot Width=1
Slot Depth=1
Slot Length=5.4

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

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



Installation Style

M3.5 Thread Size

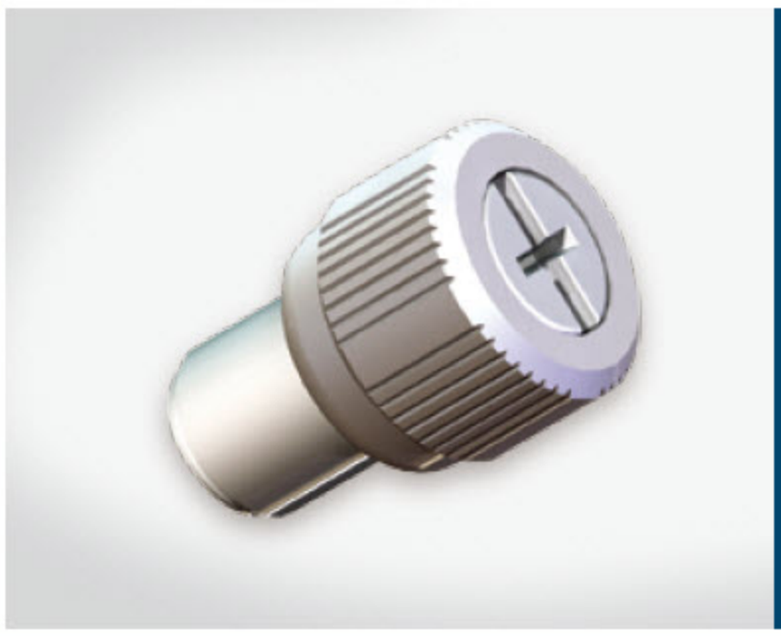
mm

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
	0.9							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
								2.7	7.6	33-321-150	33-321-250	33-321-350	33-321-450	33-321-550
	3.2	4.8	1.6			3.4		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

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 6-32 THREAD



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.

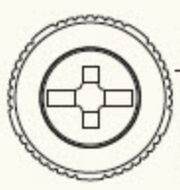
Recess Style

SLOT
Width=1.2
Depth=1.2
Length=7

PHILLIPS
No.2
Phillips Recess

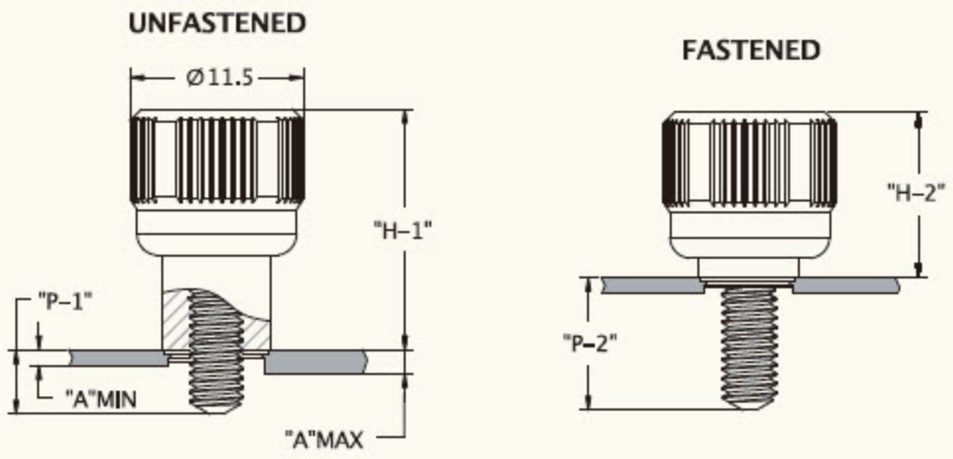
6L
T15 x 1.8 Deep

6L/SLOT
T15 x 1.8 Deep
Slot Width=1
Slot Depth=1
Slot Length=5.4

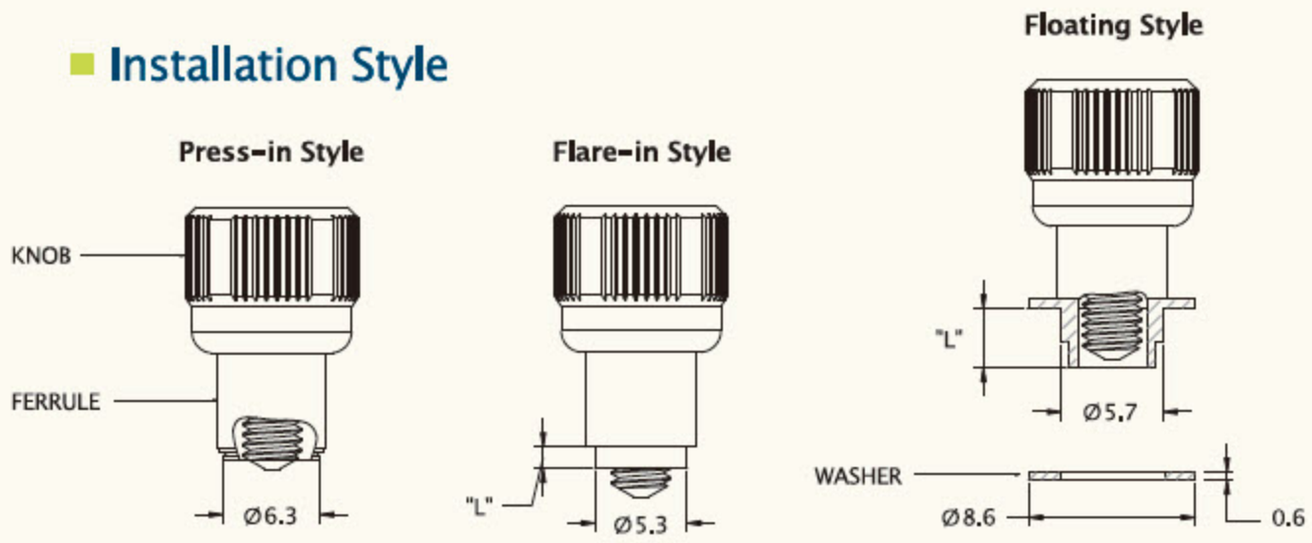


SLOT/PHILLIPS
No.2 Phillips
Slot Width=1.2
Slot Depth=1.2
Slot Length=7

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



Installation Style



6-32 Thread Size

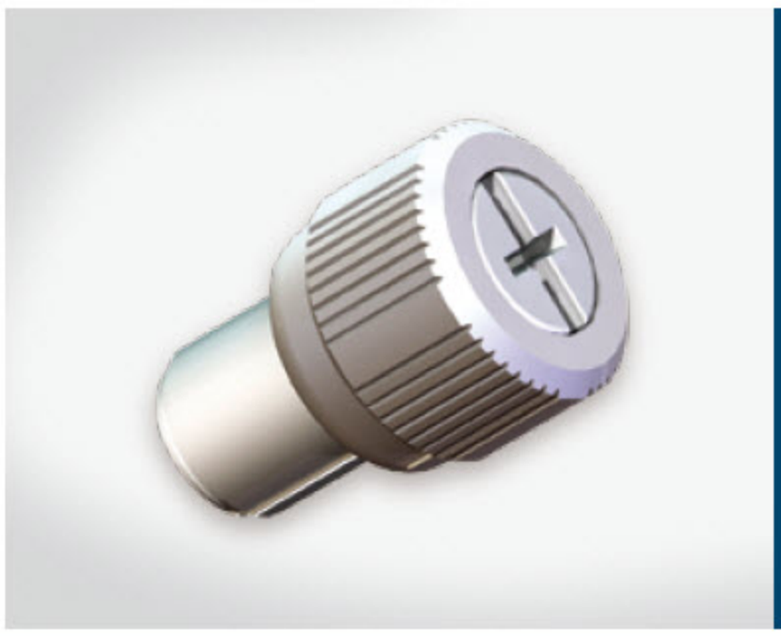
mm

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
	0.9							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
								2.7	7.6	33-421-150	33-421-250	33-421-350	33-421-450	33-421-550
	3.2	4.8	1.6			3.4		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.

- 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



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.

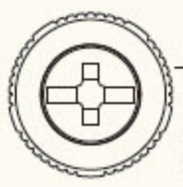
Recess Style

SLOT
Width=1.2
Depth=1.3
Length=8.5

PHILLIPS
No.2
Phillips Recess

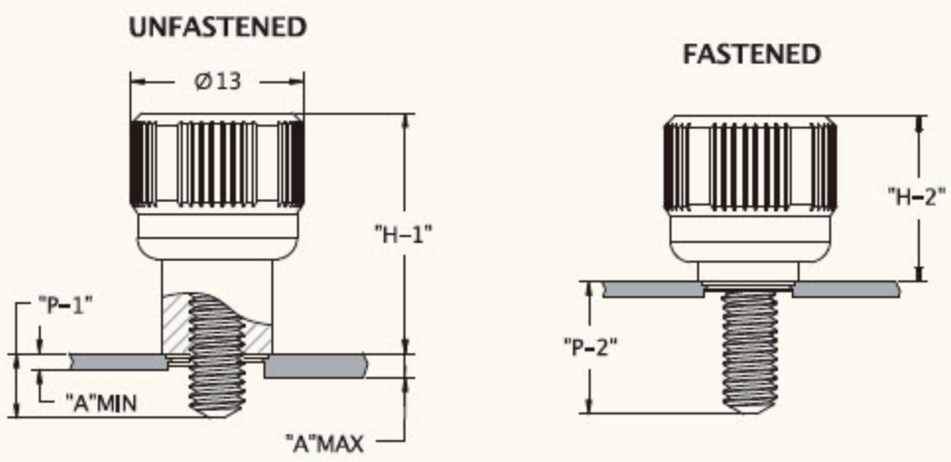
6L
T25 x 2.3 Deep

6L/SLOT
T25 x 2.3 Deep
Slot Width=1.4
Slot Depth=1.6
Slot Length=7.4

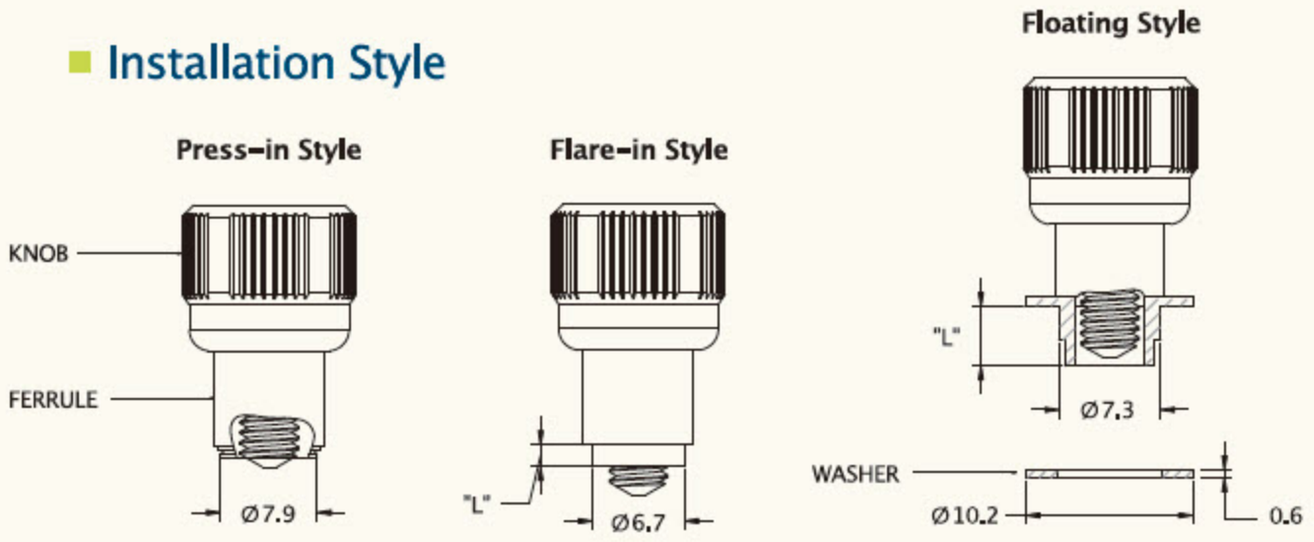


SLOT/PHILLIPS
No.2 Phillips
Slot Width=1.2
Slot Depth=1.3
Slot Length=8.5

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.

- 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

Material and Finish

Knob:
6000 Series aluminum, natural.

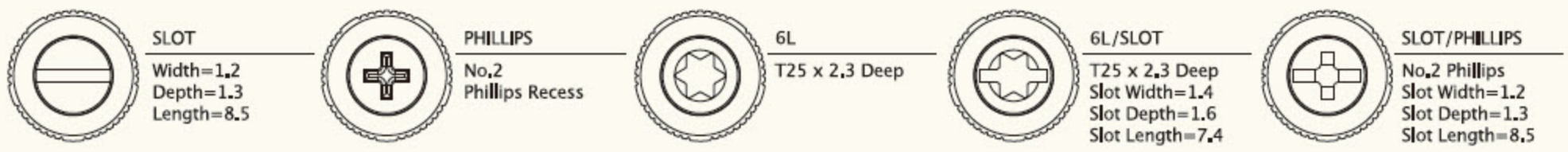
Screw:
400 Series stainless steel, passivated.

Spring:
300 Series stainless steel.

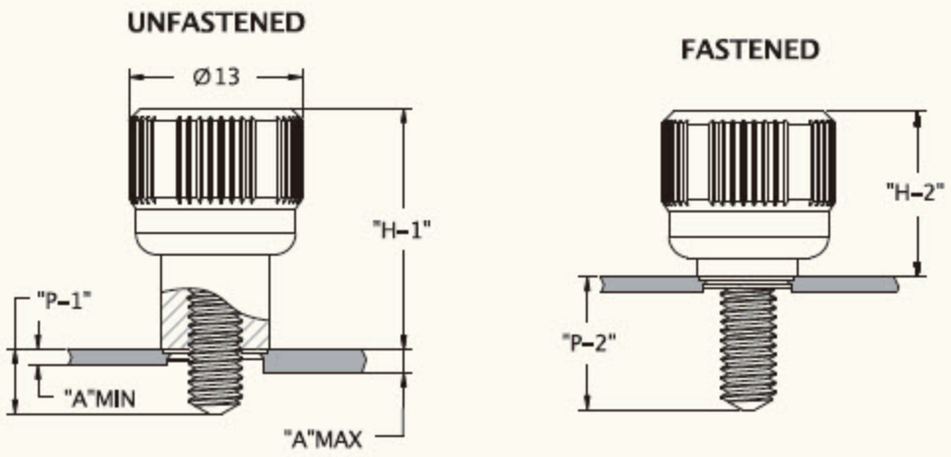
Ferrule:
Press-in: Hardened carbon steel, nickel finish.
Flare-in and Floating: 6000 Series aluminum, natural.

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 M5 THREAD

Material and Finish

Knob:
6000 Series aluminum, natural.

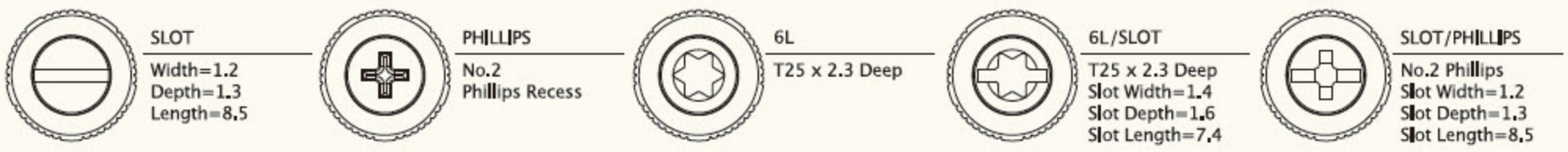
Screw:
400 Series stainless steel, passivated.

Spring:
300 Series stainless steel.

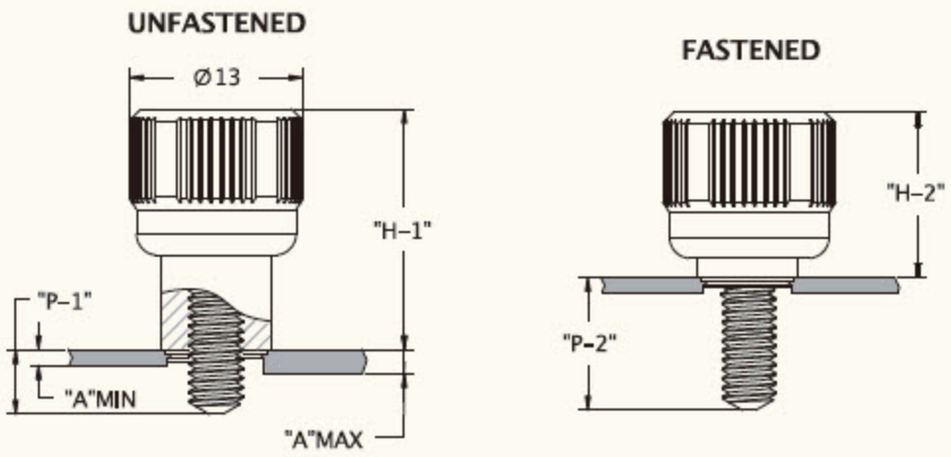
Ferrule:
Press-in: Hardened carbon steel, nickel finish.
Flare-in and Floating: 6000 Series aluminum, natural.

WASHER (Floating Style):
300 Series stainless steel, passivated.

Recess Style



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



Installation Style

M5 Thread Size

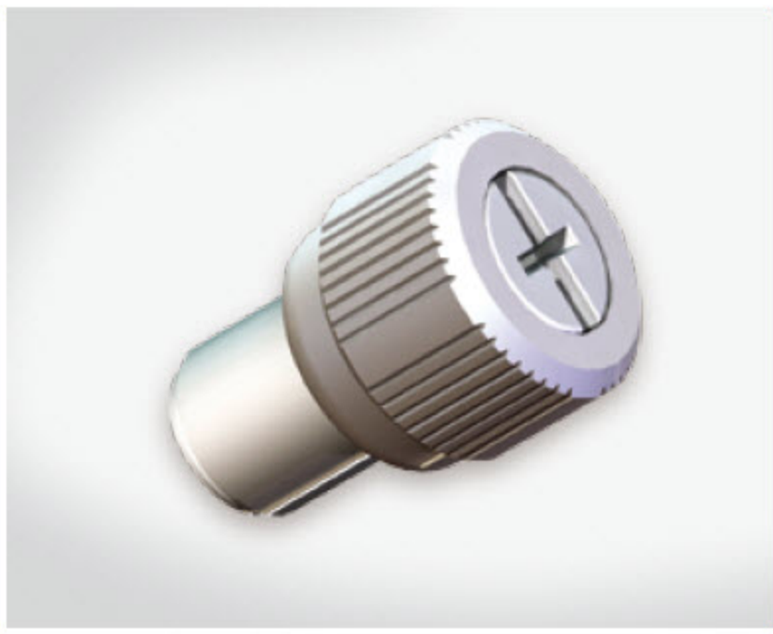
mm

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 10-32 THREAD



Material and Finish

Knob:
6000 Series aluminum, natural.

Screw:
400 Series stainless steel, passivated.

Spring:
300 Series stainless steel.

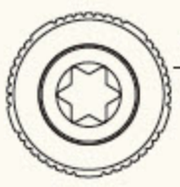
Ferrule:
Press-in: Hardened carbon steel, nickel finish.
Flare-in and Floating: 6000 Series aluminum, natural.

WASHER (Floating Style):
300 Series stainless steel, passivated.

Recess Style

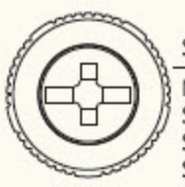
SLOT
Width=1.2
Depth=1.3
Length=8.5

PHILLIPS
No.2
Phillips Recess



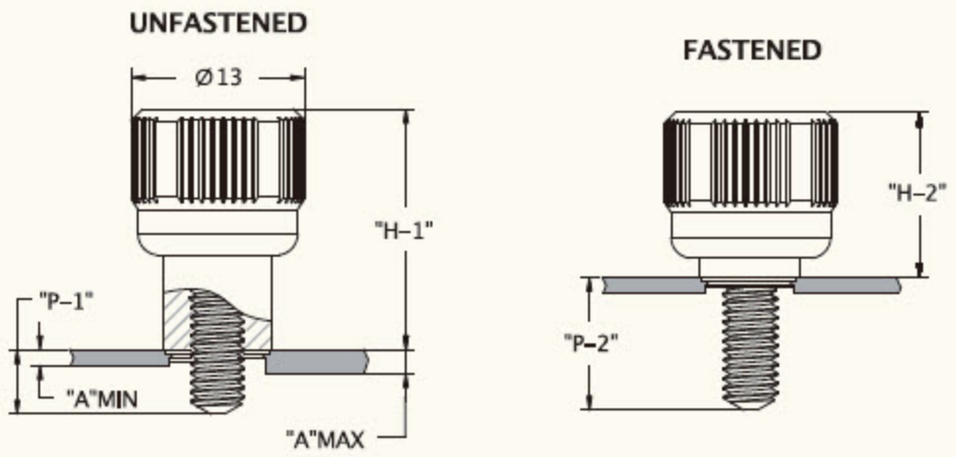
6L
T25 x 2.3 Deep

6L/SLOT
T25 x 2.3 Deep
Slot Width=1.4
Slot Depth=1.6
Slot Length=7.4



SLOT/PHILLIPS
No.2 Phillips
Slot Width=1.2
Slot Depth=1.3
Slot Length=8.5

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 M6 THREAD

Material and Finish

Knob:
6000 Series aluminum, natural.

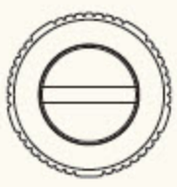
Screw:
400 Series stainless steel, passivated.

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

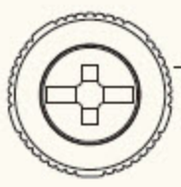


SLOT
Width=1.6
Depth=1.6
Length=10.1

PHILLIPS
No.2
Phillips Recess

6L
T30 x 2.3 Deep

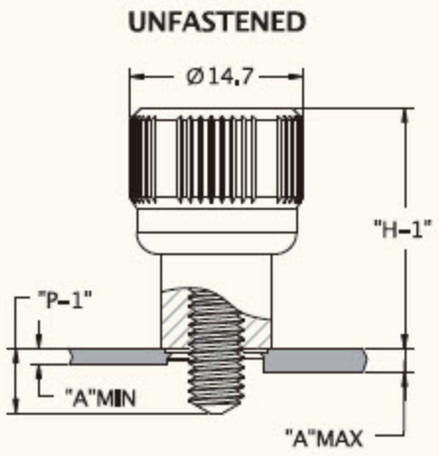
6L/SLOT
T30 x 2.3 Deep
Slot Width=1.8
Slot Depth=2
Slot Length=7.3



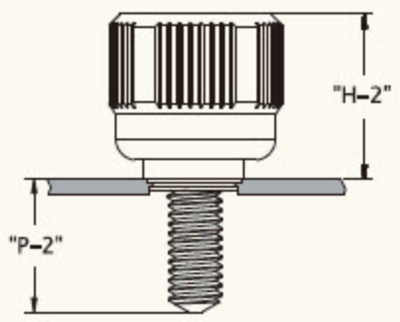
SLOT/PHILLIPS
No.2 Phillips
Slot Width=1.6
Slot Depth=1.6
Slot Length=10.1

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

UNFASTENED

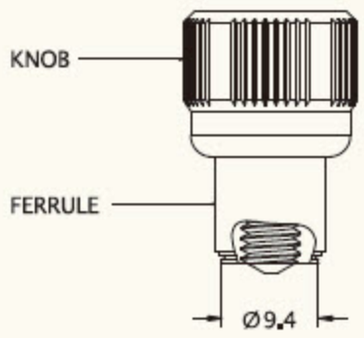


FASTENED

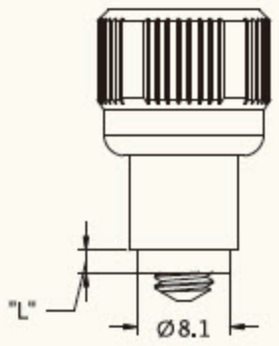


Installation Style

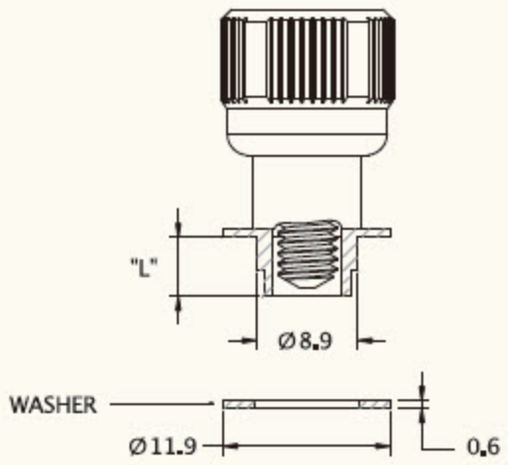
Press-in Style



Flare-in Style



Floating 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

Installation for all styles
For panel preparation and installation instructions, see page 34 and 35.