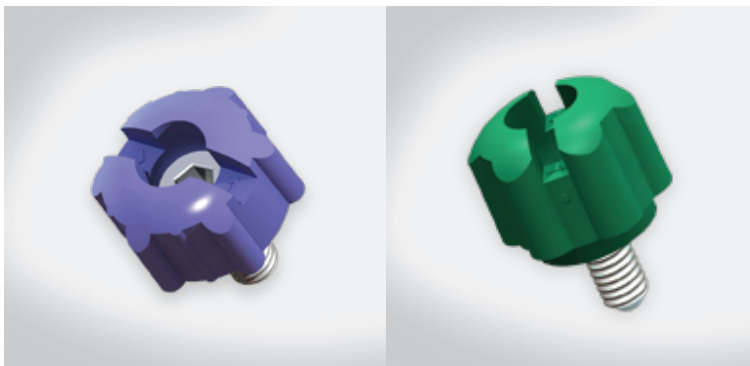


- Special hand-screwing design
- Optional colors available

50, 53 SERIES

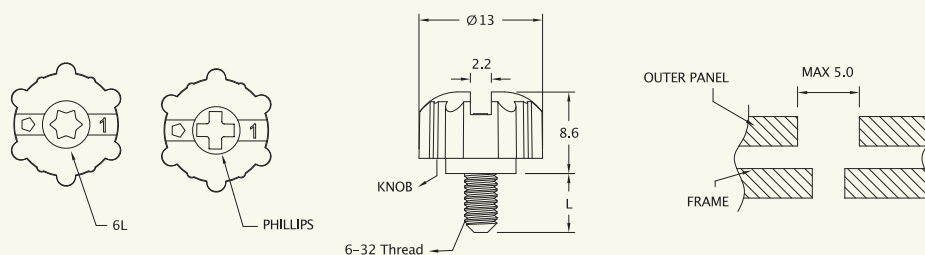


Material and Finish

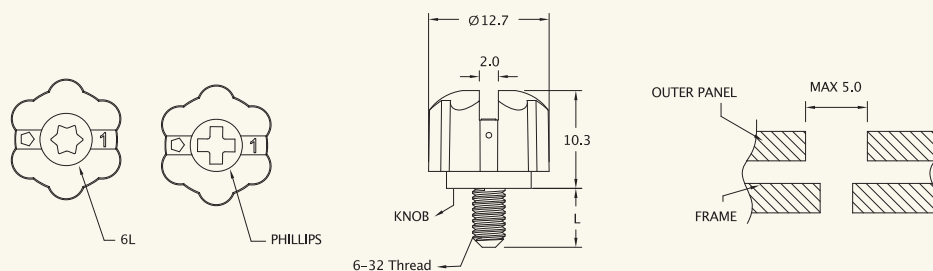
Knob:
Plastic, ABS

Screw:
400 Series stainless steel, passivated.

50 Series



53 Series



50 Series

	Recess Style	Screw Length L	PART NUMBER							
			BLACK	GREEN	ORANGE	PURPLE	BLUE	LIGHT BLUE	IRON GRAY	RED
6-32	6L T15	6.2	50-463-01	50-463-02	50-463-03	50-463-04	50-463-05	50-463-06	50-463-07	50-463-08
		7.8	50-473-01	50-473-02	50-473-03	50-473-04	50-473-05	50-473-06	50-473-07	50-473-08
	Phillips #2	6.2	50-462-01	50-462-02	50-462-03	50-462-04	50-462-05	50-462-06	50-462-07	50-462-08
		7.8	50-472-01	50-472-02	50-472-03	50-472-04	50-472-05	50-472-06	50-472-07	50-472-08

53 Series

	Recess Style	Screw Length L	PART NUMBER							
			BLACK	GREEN	ORANGE	PURPLE	BLUE	LIGHT BLUE	IRON GRAY	RED
6-32	6L T15	6.2	53-463-01	53-463-02	53-463-03	53-463-04	53-463-05	53-463-06	53-463-07	53-463-08
		7.8	53-473-01	53-473-02	53-473-03	53-473-04	53-473-05	53-473-06	53-473-07	53-473-08
	Phillips #2	6.2	53-462-01	53-462-02	53-462-03	53-462-04	53-462-05	53-462-06	53-462-07	53-462-08
		7.8	53-472-01	53-472-02	53-472-03	53-472-04	53-472-05	53-472-06	53-472-07	53-472-08

51,52,54 series aluminum steel made color hand-screwing bolt, with features of aluminum made grip, steel bolt, and special hand-screwing design

- Aluminum made hand-screwing head to enhance the appearance
- Multiple surface colors processing to meet customers' demands
- Steel made bolt to solve the problem of chip, insufficient torque, pulling force and shear force due to softness of aluminum made bolt
- The bolt specification, head, and color could be customized

51, 52, 54 SERIES

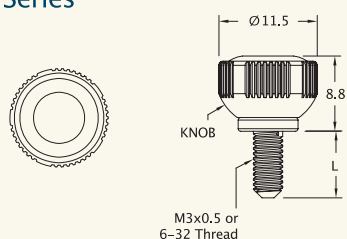


Material and Finish

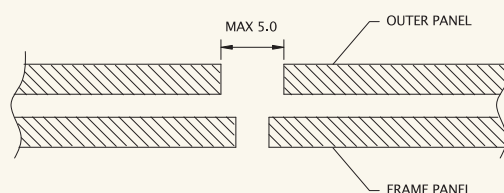
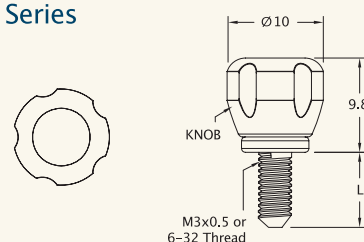
Knob:
6000 Series aluminum.

Screw:
Low carbon steel, zinc finish.

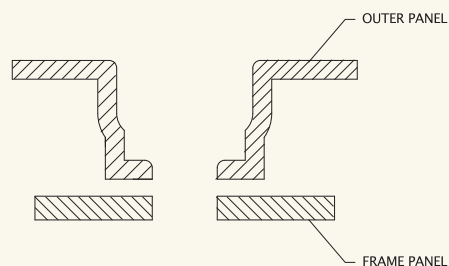
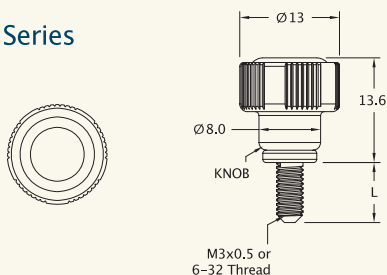
■ 51 Series



■ 52 Series



■ 54 Series



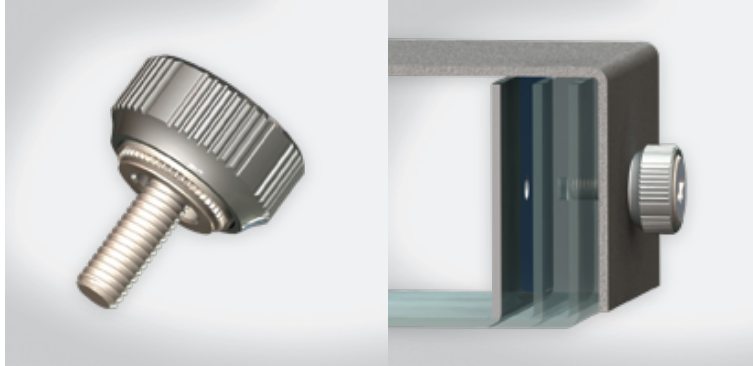
■ Dimensions

mm

Thread	Screw Length L	PART NUMBER							
		■ BLACK	■ BLUE	■ YELLOW	■ RED	■ GREEN	■ PURPLE	■ IRON GRAY	■ ORANGE
M3	5.2	51-15-01	51-15-02	51-15-03	51-15-04	51-15-05	51-15-06	51-15-07	51-15-08
		52-15-01	52-15-02	52-15-03	52-15-04	52-15-05	52-15-06	52-15-07	52-15-08
		54-15-01	54-15-02	54-15-03	54-15-04	54-15-05	54-15-06	54-15-07	54-15-08
6-32	7.8	51-47-01	51-47-02	51-47-03	51-47-04	51-47-05	51-47-06	51-47-07	51-47-08
		52-47-01	52-47-02	52-47-03	52-47-04	52-47-05	52-47-06	52-47-07	52-47-08
		54-47-01	54-47-02	54-47-03	54-47-04	54-47-05	54-47-06	54-47-07	54-47-08

- Screw ejecting function meets designed function of quick vertical separation
- Able to achieve the energy-saving of splitting connector effectively
- Screw sizes and hand screwing mechanism can be made according to specs required by customers

47 SERIES



Material and Finish

Knob:
6000 Series aluminum.

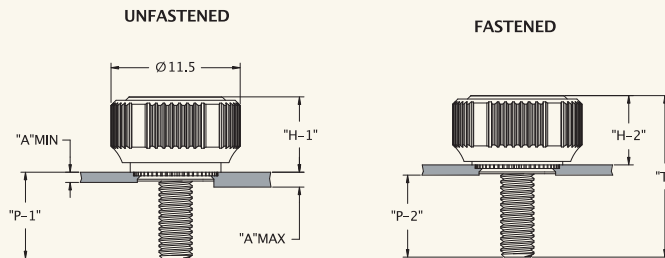
Screw:
Hardened carbon steel, nickel finish.

Ferrule:
Hardened carbon steel, nickel finish.

■ Recess Style



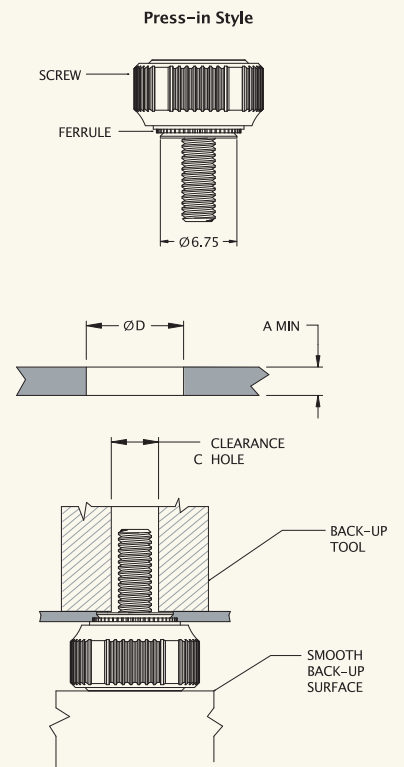
■ Knob Height and Screw Projection



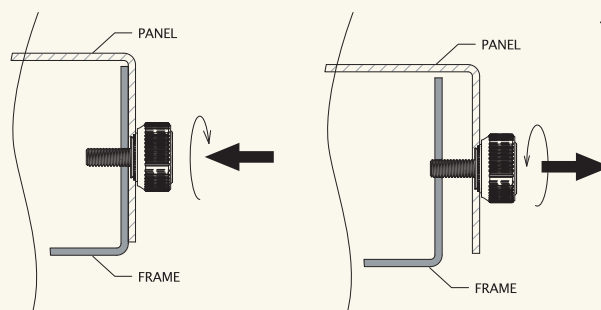
■ Styled Knob Series Panel Preparation and Installation

For Thread Size	ØD	Clearance Hole +0.2 (+.008) -0.1 (-.004)
M3	6.8 ^{+0.08} ₋₀ (.268 ^{+0.003} _{-.000})	4.0 (.157)

■ Installation Style



■ Application



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
M3	0.80	~	10.5	4.0	4.4	6.5	6.1	0.4	47-112-210	47-112-310	47-112-410
			13.5	7.0	7.4				47-112-220	47-112-320	47-112-420

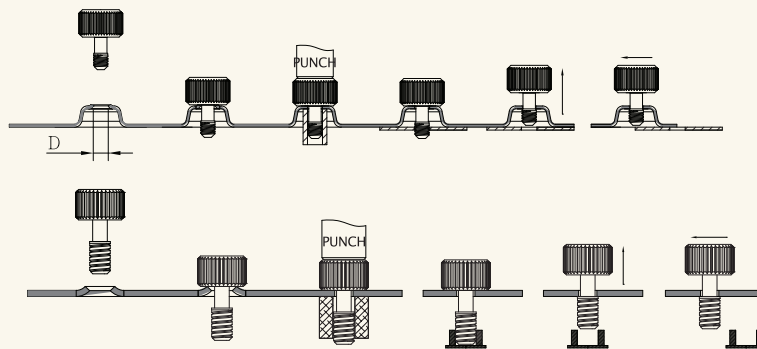
- Simply assemble to punch screw into panel.
- Special design to avoid screw stuck when reverse.
- Screw ejecting function meets designed function of quick vertical separation.
- Able to achieve the energy-saving of splitting connector effectively
- Suitable for various thickness & material of panel.

90 SERIES

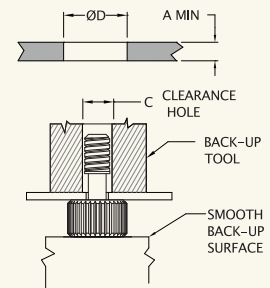


Material and Finish

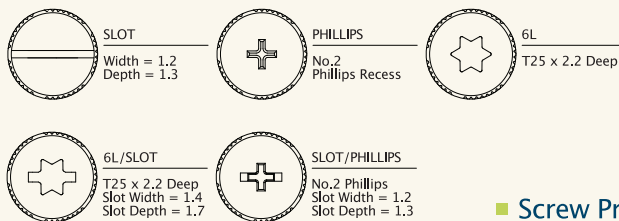
Screw:
300 Series stainless steel.
Hardened carbon steel, zinc finish.



■ Styled Knob Series Panel Preparation and Installation

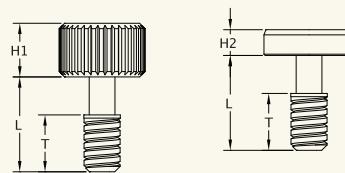


■ Recess Style



For Thread Size	ØD	Clearance Hole +0.2 (+.008) -0.1 (-.004)
M3	3.0 ^{+0.08} ₋₀ (.118 ^{+0.003} _{-.000})	3.2 (.125)
#4-40		
M4	4.0 ^{+0.08} ₋₀ (.157 ^{+0.003} _{-.000})	4.4 (.173)
#6-32		

■ Screw Projection



■ Dimensions

mm

THREAD	OUTER PANEL DIMENSIONS		SCREW PROJECTION						TOTAL FLOAT	PART NUMBER				
	A MIN	A MAX	L	T	H-1	H-2				Solt Recess	Phillips Recess	6L Recess	6L/Slot Recess	Slot/Phillips Recess
M3	1.0	~	6	10	12	3.7	7.7	9.7	7.3	2	0.5	90-110	90-120	90-130
#4-40												90-210	90-220	90-230
M4	1.0	~	4	6	10	4.1	7.2	10.4	7.3	2	0.5	90-310	90-320	90-330
#6-32												90-410	90-420	90-430
													90-440	90-450