



47 Captive Screws

Styled knob series · M3.5 thread size

- Smooth knob meets UL-1950
- Designed for hand operation
- Spring ejected
- Wide variety of sizes, recesses and installation options

Material and Finish

Ferrule:

Press-in: Hardened carbon steel, zinc plate, chromate, plus sealer
 P.C. board: 300 Series stainless steel, passivated

Flare-in, floating and snap-in: Aluminum, natural

Knob: Aluminum, natural or black powder coated

Screw: Hardened carbon steel, zinc plated, chromate, plus sealer

Installation Notes

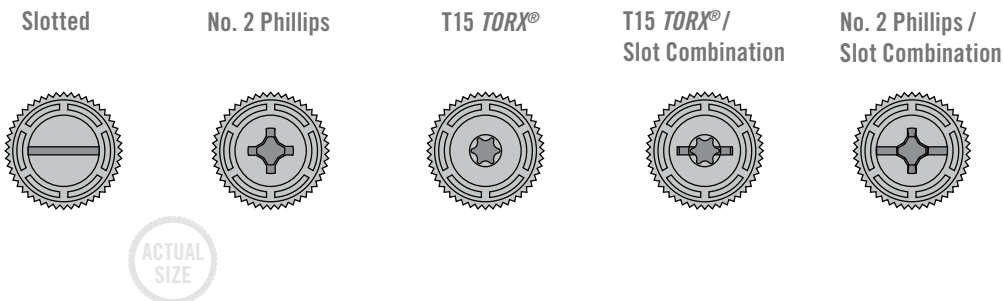
See pages 392 - 393, 497

Notes



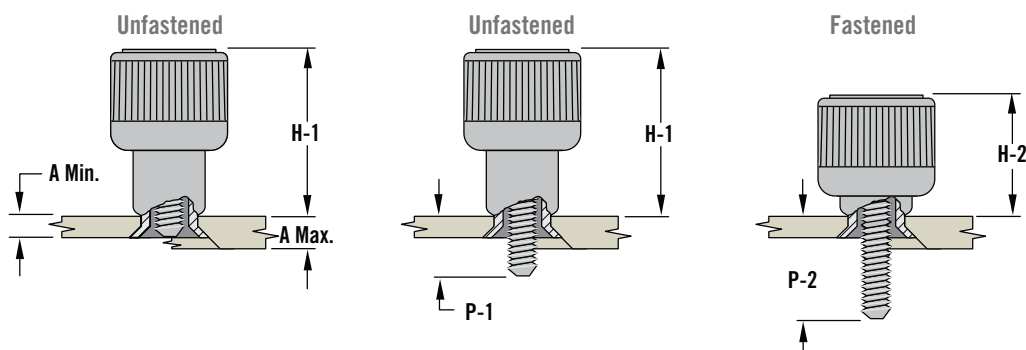
To ensure you receive **SOUTHCO®** quality parts, look for the segmented circle

Recess Styles

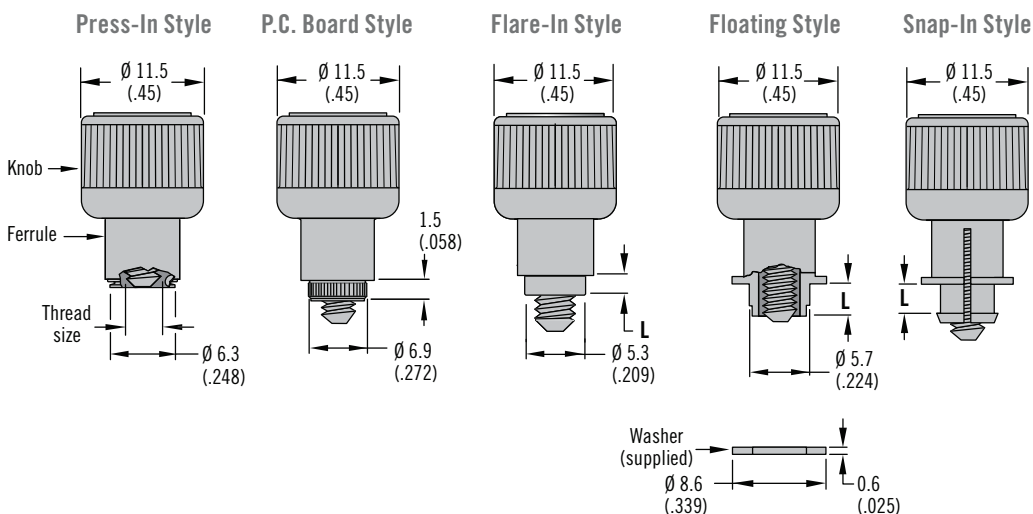


Knob Height and Screw Projection

(Flare-in style shown)



Installation Styles



TORX® is a registered trademark of Acument™ Intellectual Properties, LLC

Dimensions in millimeters (inch) unless otherwise stated



www.southco.com/47



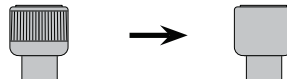
Installation Style	Knob Height		Outer Panel Dimensions		B	Total Float	Flange Length L	Screw Projection Beyond Outer Surface of Panel		Part Number				
	H-1	H-2	A Min.	A Max.				P-1	P-2	Slotted Recess	Phillips Recess	TORX® Recess	TORX® / Slot Combination	Phillips / Slot Combination
Press-In Style	15.9 (.63)	11.2 (.44)	0.9 (.036)	~	~	0.8 (.03)	~	0.5 (.02)	5.3 (.21)	47-90-201-24	47-90-221-24	47-90-241-24	47-90-261-20	47-90-281-24
								2.1 (.09)	6.9 (.27)	47-91-201-24	47-91-221-24	47-91-241-24	47-91-261-20	47-91-281-24
								3.7 (.15)	8.5 (.33)	47-92-201-24	47-92-221-24	47-92-241-24	47-92-261-20	47-92-281-24
								5.3 (.21)	10.1 (.40)	47-93-201-24	47-93-221-24	47-93-241-24	47-93-261-20	47-93-281-24
P.C. Board Style	14.8 (.58)	10 (.39)	1.6 (.061)	~	~	0.8 (.03)	~	1.4 (.06)	6.2 (.24)	47-95-201-34	47-95-221-34	47-95-241-34	47-95-261-30	47-95-281-34
Flare-In Style	15.3 (.60)	10.4 (.41)	1.5 (.058)	3.2 (.125)	0.4 (.015)	0.8 (.03)	1.8 (.07)	1.1 (.04)	6 (.24)	47-80-202-14	47-80-222-14	47-80-242-14	47-80-262-10	47-80-282-14
			3.2 (.126)	4.8 (.189)	1.6 (.062)		3.4 (.135)	2.7 (.11)	7.6 (.30)	47-80-204-14	47-80-224-14	47-80-244-14	47-80-264-10	47-80-284-14
			4.8 (.188)	6.4 (.250)	3.2 (.125)		5 (.197)	4.3 (.17)	9.2 (.36)	47-80-206-14	47-80-226-14	47-80-246-14	47-80-266-10	47-80-286-14
			6.4 (.252)	7.9 (.312)	4.8 (.189)		6.6 (.26)	5.9 (.23)	10.8 (.43)	47-80-208-14	47-80-228-14	47-80-248-14	47-80-268-10	47-80-288-14
			1.5 (.058)	3.2 (.125)	0.4 (.015)		1.8 (.07)	2.7 (.11)	7.6 (.30)	47-81-202-14	47-81-222-14	47-81-242-14	47-81-262-10	47-81-282-14
			3.2 (.126)	4.8 (.189)	1.6 (.062)		3.4 (.135)	4.3 (.17)	9.2 (.36)	47-82-202-14	47-82-222-14	47-82-242-14	47-82-262-10	47-82-282-14
			4.8 (.189)	6.4 (.250)	3.2 (.125)		5 (.197)	5.9 (.23)	10.8 (.43)	47-83-202-14	47-83-222-14	47-83-242-14	47-83-262-10	47-83-282-14
			6.4 (.252)	7.9 (.312)	4.8 (.189)		6.6 (.26)	5.9 (.23)	10.8 (.43)	47-81-204-14	47-81-224-14	47-81-244-14	47-81-264-10	47-81-284-14
Floating Style	15.4 (.60)	10.6 (.42)	~	0.8 (.031)	2.1 (.083)	2.2 (.09)	2.9 (.113)	2.4 (.09)	7.2 (.28)	47-80-210-14	47-80-230-14	47-80-250-14	47-80-270-10	47-80-290-14
			0.8 (.031)	1.6 (.063)	2.9 (.114)		3.7 (.144)	4 (.16)	8.8 (.35)	47-81-210-14	47-81-230-14	47-81-250-14	47-81-270-10	47-81-290-14
			1.6 (.063)	2.4 (.094)	3.7 (.146)		4.5 (.176)	4 (.16)	8.8 (.35)	47-82-210-14	47-82-230-14	47-82-250-14	47-82-270-10	47-82-290-14
			2.4 (.094)	3.7 (.146)	3.7 (.146)		4.5 (.176)	5.6 (.22)	10.4 (.41)	47-80-211-14	47-80-231-14	47-80-251-14	47-80-271-10	47-80-291-14
			3.7 (.146)	4.8 (.189)	1.6 (.062)		4.5 (.176)	5.6 (.22)	10.4 (.41)	47-81-211-14	47-81-231-14	47-81-251-14	47-81-271-10	47-81-291-14
			4.8 (.189)	6.4 (.250)	3.2 (.125)		5.6 (.22)	10.4 (.41)	47-82-211-14	47-82-231-14	47-82-251-14	47-82-271-10	47-82-291-14	
			6.4 (.252)	7.9 (.312)	4.8 (.189)		5.6 (.22)	10.4 (.41)	47-80-212-14	47-80-232-14	47-80-252-14	47-80-272-10	47-80-292-14	
			7.9 (.312)	8.5 (.33)	5.3 (.21)		5.6 (.22)	10.4 (.41)	47-81-212-14	47-81-232-14	47-81-252-14	47-81-272-10	47-81-292-14	
Snap-In Style	15.4 (.60)	10.6 (.42)	0.5 (.02)	1 (.039)	2 (.079)	0.8 (.03)	1.1 (.044)	0.8 (.03)	5.6 (.22)	47-90-210-14	47-90-230-14	47-90-250-14	47-90-270-10	47-90-290-14
			1 (.039)	1.6 (.063)	2.6 (.103)		1.7 (.067)	2.4 (.09)	7.2 (.28)	47-91-210-14	47-91-230-14	47-91-250-14	47-91-270-10	47-91-290-14
			1.6 (.063)	2.6 (.103)	2.6 (.103)		1.7 (.067)	4 (.16)	8.8 (.35)	47-92-210-14	47-92-230-14	47-92-250-14	47-92-270-10	47-92-290-14
			2.6 (.103)	2.6 (.103)	2.6 (.103)		1.7 (.067)	5.6 (.22)	10.4 (.41)	47-93-210-14	47-93-230-14	47-93-250-14	47-93-270-10	47-93-290-14
			2.6 (.103)	2.6 (.103)	2.6 (.103)		1.7 (.067)	2.4 (.09)	7.2 (.28)	47-90-212-14	47-90-232-14	47-90-252-14	47-90-272-10	47-90-292-14
			2.6 (.103)	2.6 (.103)	2.6 (.103)		1.7 (.067)	4 (.16)	8.8 (.35)	47-91-212-14	47-91-232-14	47-91-252-14	47-91-272-10	47-91-292-14
			2.6 (.103)	2.6 (.103)	2.6 (.103)		1.7 (.067)	5.6 (.22)	10.4 (.41)	47-92-212-14	47-92-232-14	47-92-252-14	47-92-272-10	47-92-292-14
			2.6 (.103)	2.6 (.103)	2.6 (.103)		1.7 (.067)	5.6 (.22)	10.4 (.41)	47-93-212-14	47-93-232-14	47-93-252-14	47-93-272-10	47-93-292-14

Part numbers in shaded rows (shown in table) are fully retracting in minimum panel thickness



To add a black powder coated finish, change the part number from the table as shown:

- Change 1 to 5: 47-80-102-14
47-80-102-54
- Change 2 to 6: 47-80-102-24
47-80-102-64
- Change 3 to 7: 47-80-102-34
47-80-102-74



For a smooth knob, change the part number from the table as shown:

- Change 0 to 1: 47-90-161-20
47-90-161-21
- Change 4 to 5: 47-90-101-24
47-90-101-25

Part Number

See table

All screw part numbers shown in table are for a natural knob finish and a knurled knob

For black finish and smooth knob options, minimums may apply