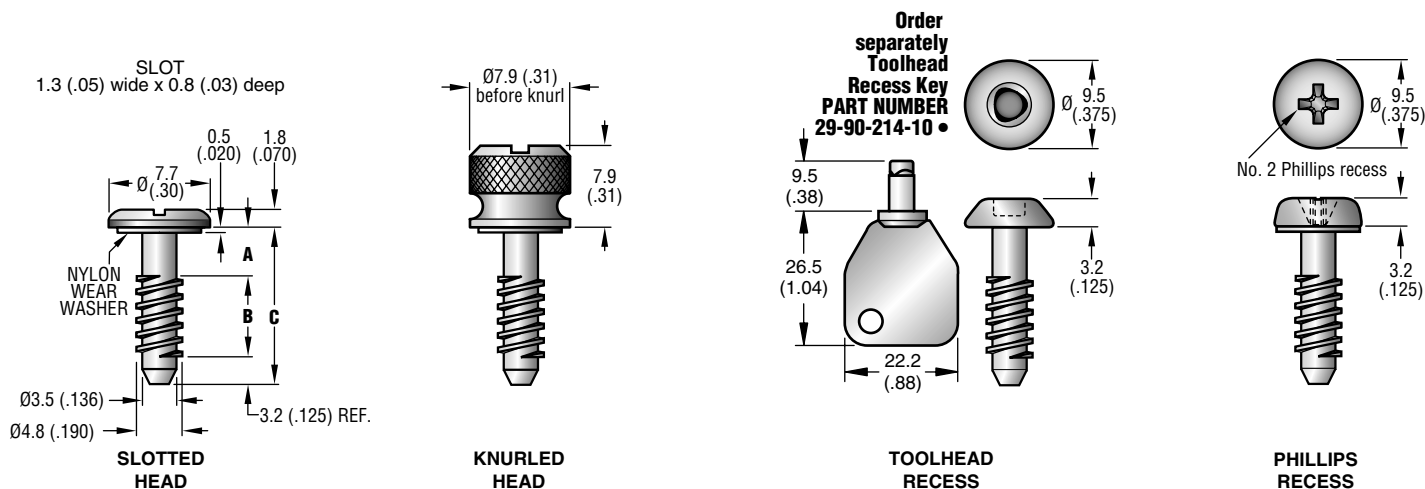


Southco® Captive Fasteners

Fast-lead Thread Screws, Small size

- For limited space applications
- Four head styles
- Four receptacle styles

See Page 257 for ordering instructions.



Captive Fasteners
Fast-lead Thread Screws

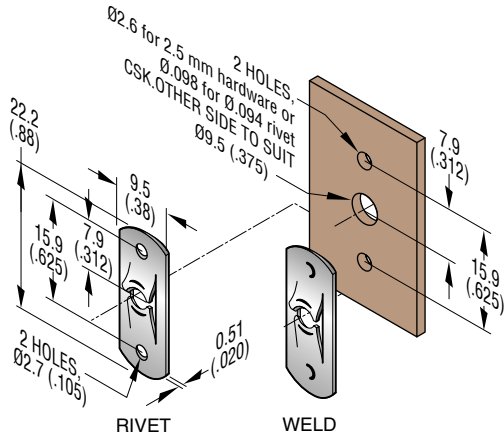
COL. I		COL. II	SCREW ASSEMBLY PART NUMBERS				DIMENSIONS		
Range of total thickness to be fastened		MAX. thickness of outer panel	Low carbon steel, case hardened, zinc plate, chromate plus sealer				A	B (For full screw retraction, "B" must be less than inner panel thickness plus receptacle height)	C
MIN.	MAX.		SLOTTED	KNURLED	TOOLHEAD RECESS	PHILLIPS			
1.3 (.050)	3.2 (.125)	0.9 (.035)	09-11-102-11 •	09-13-102-11 •	09-T-102	09-P-102 •	2.5 (.100)	5 (.197)	10.7 (.422)
2.5 (.100)	3.2 (.125)	2.2 (.085)	09-11-103-11 •	09-13-103-11 •	09-T-103	09-P-103 •	3.8 (.150)	3.7 (.147)	
1.3 (.050)	6.4 (.250)	0.9 (.035)	09-11-202-11 •	09-13-202-11 •	09-T-202	09-P-202	2.5 (.100)	8.2 (.322)	13.9 (.547)
2.5 (.100)	6.4 (.250)	2.2 (.085)	09-11-203-11 •	09-13-203-11 •	09-T-203	09-P-203 •	3.8 (.150)	6.9 (.272)	
3.8 (.150)	6.4 (.250)	3.4 (.135)	09-11-204-11 •	09-13-204-11 •	09-T-204	09-P-204 •	5.1 (.200)	5.6 (.222)	
5.1 (.200)	6.4 (.250)	4.7 (.185)	09-11-205-11	09-13-205-11	09-T-205	09-P-205	6.4 (.250)	4.4 (.172)	
1.3 (.050)	9.5 (.375)	0.9 (.035)	09-11-302-11 •	09-13-302-11	09-T-302	09-P-302	2.5 (.100)	11.4 (.447)	17.1 (.672)
2.5 (.100)	9.5 (.375)	2.2 (.085)	09-11-303-11 •	09-13-303-11	09-T-303	09-P-303 •	3.8 (.150)	10.1 (.397)	
3.8 (.150)	9.5 (.375)	3.4 (.135)	09-11-304-11	09-13-304-11	09-T-304	09-P-304	5.1 (.200)	8.8 (.347)	
5.1 (.200)	9.5 (.375)	4.7 (.185)	09-11-305-11	09-13-305-11	09-T-305	09-P-305	6.4 (.250)	7.3 (.297)	
7.6 (.300)	9.5 (.375)	7.2 (.285)	09-11-307-11	09-13-307-11	09-T-307	09-P-307	8.9 (.350)	5 (.197)	

For stainless steel screw (slotted, and knurled ONLY): Replace last 2 digits of part number with "26". Example: 09-11-102-26
Longer screws and black finish available. Contact Southco for details.

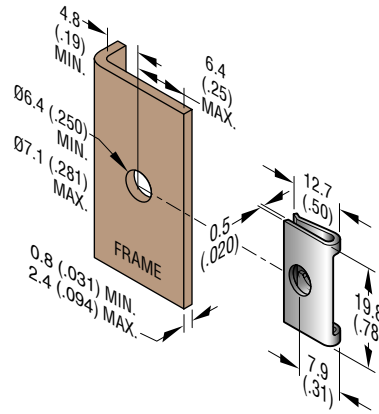
Southco® Captive Fasteners

Fast-lead Thread Screws, Small size Receptacles and Retainers

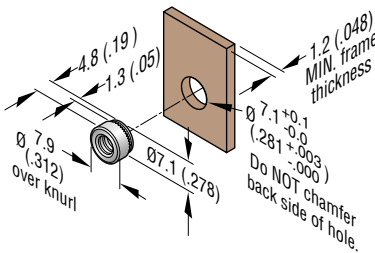
Flat type receptacle



Clip-on type receptacle

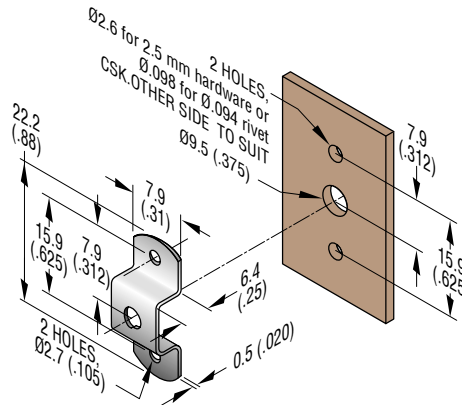


Press-in receptacle

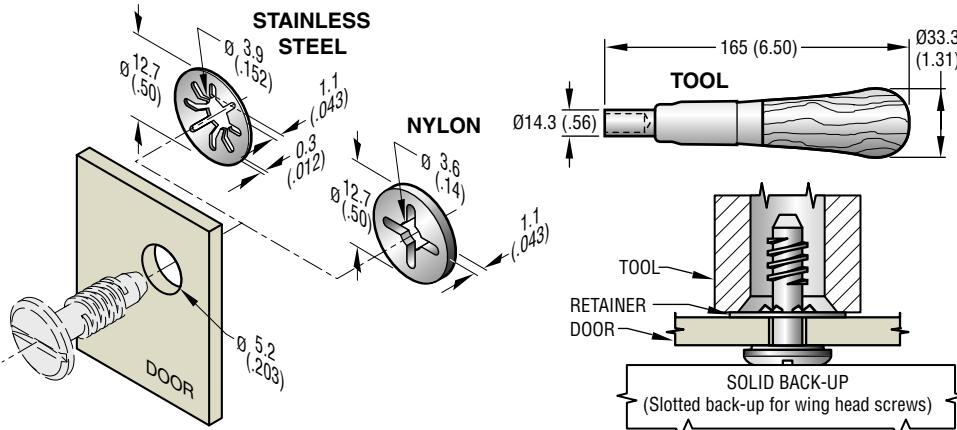


NOTE: For use in low carbon steels, aluminum and stainless steels in the annealed condition that are R_p 85 or softer. Recommended minimum distance from edge of panel to centerline of hole is 10.7 (.422). When installing, press until top of knurl is barely visible.

Saddle type receptacle



Retainers



FLAT RECEPTACLE PART NUMBERS		
TYPE	MATERIAL AND FINISH	PART NUMBERS
RIVET	Spring steel, zinc immersion coating	09-41-101-11 •
	302 Stainless steel, passivated	09-41-101-24 •
WELD	302 Stainless steel, passivated	09-41-103-24 •

CLIP-ON RECEPTACLE PART NUMBERS	
MATERIAL AND FINISH	PART NUMBERS
Spring steel, zinc immersion coating	09-43-101-11 •
17-7PH Stainless steel, passivated	09-43-101-24 •

PRESS-IN RECEPTACLE PART NUMBER
Low carbon steel, case hardened and zinc plate, chromate plus sealer.
09-44-101-11 •

SADDLE-TYPE RECEPTACLE PART NUMBERS	
MATERIAL AND FINISH	PART NUMBERS
Spring steel, zinc immersion coating	09-42-101-11 •
17-7PH Stainless steel, passivated	09-42-101-24 •

RETAINER PART NUMBERS		TOOL PART NUMBER
302 Stainless steel, passivated	Nylon, black	12-0-20980-11 •
09-6-1 •	09-49-102-42 •	

millimeter (inch)
millimeter
(inch)

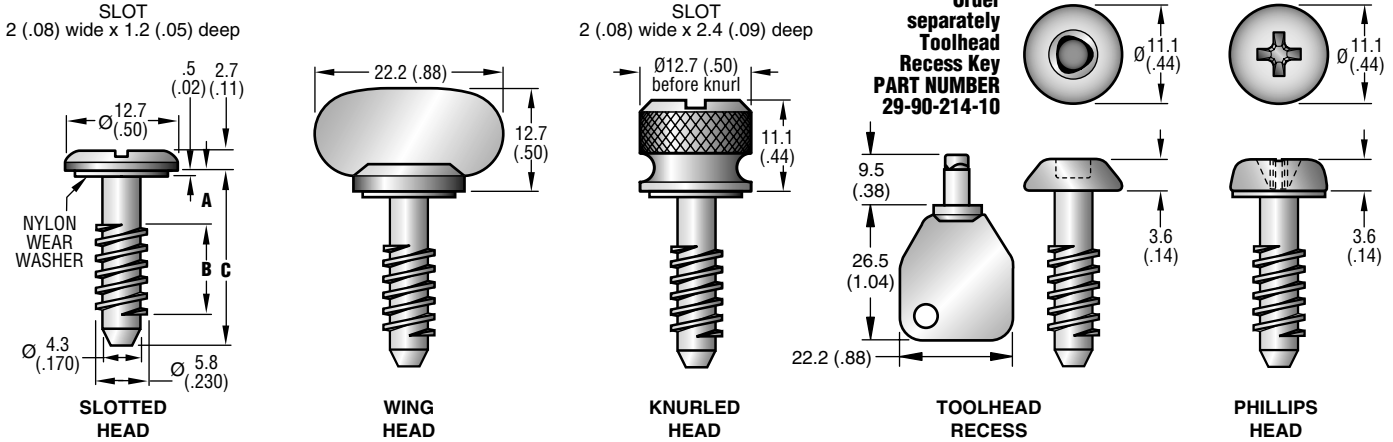
Dimensions without tolerances are for reference only.

Southco® Captive Fasteners

Fast-lead Thread Screws, Medium size

- Five head styles
- Five receptacle styles

See Page 257 for ordering instructions.



Order separately Toolhead Recess Key PART NUMBER 29-90-214-10

Captive Fasteners
Fast-lead Thread Screws

COL. I		COL. II	SCREW ASSEMBLY PART NUMBERS					DIMENSIONS		
Range of total thickness to be fastened		MAX. thickness of outer panel	Low carbon steel, case hardened, zinc plate, chromate plus sealer					A	B (For full screw retraction, "B" must be less than inner panel thickness plus receptacle height)	C
			SLOTTED	WING	KNURLED	TOOLHEAD RECESS	PHILLIPS			
MIN.	MAX.									
1.3 (.050)	3.2 (.125)	0.6 (.025)	12-11-102-11 •	12-12-102-11	12-13-102-11	12-T-102	12-P-102	2.5 (.100)	5.8 (.228)	12.3 (.486)
2.5 (.100)	3.2 (.125)	1.9 (.075)	12-11-103-11 •	12-12-103-11	12-13-103-11	12-T-103	12-P-103	3.8 (.150)	4.5 (.178)	
1.3 (.050)	6.4 (.250)	0.6 (.025)	12-11-202-11 •	12-12-202-11	12-13-202-11	12-T-202 •	12-P-202	2.5 (.100)	9 (.353)	15.5 (.611)
2.5 (.100)	6.4 (.250)	1.9 (.075)	12-11-203-11 •	12-12-203-11 •	12-13-203-11 •	12-T-203 •	12-P-203 •	3.8 (.150)	7.7 (.303)	
3.8 (.150)	6.4 (.250)	3.2 (.125)	12-11-204-11 •	12-12-204-11 •	12-13-204-11 •	12-T-204 •	12-P-204	5.1 (.200)	6.4 (.253)	
5.1 (.200)	6.4 (.250)	4.5 (.175)	12-11-205-11 •	12-12-205-11	12-13-205-11 •	12-T-205 •	12-P-205	6.4 (.250)	5.2 (.203)	
1.3 (.050)	9.5 (.375)	0.6 (.025)	12-11-302-11 •	12-12-302-11	12-13-302-11	12-T-302	12-P-302	2.5 (.100)	12.1 (.478)	18.7 (.736)
2.5 (.100)	9.5 (.375)	1.9 (.075)	12-11-303-11 •	12-12-303-11 •	12-13-303-11 •	12-T-303	12-P-303	3.8 (.150)	10.9 (.428)	
3.8 (.150)	9.5 (.375)	3.2 (.125)	12-11-304-11 •	12-12-304-11 •	12-13-304-11 •	12-T-304	12-P-304	5.1 (.200)	9.6 (.378)	
5.1 (.200)	9.5 (.375)	4.5 (.175)	12-11-305-11 •	12-12-305-11 •	12-13-305-11 •	12-T-305	12-P-305 •	6.4 (.250)	8.3 (.328)	
7.6 (.300)	9.5 (.375)	7 (.275)	12-11-307-11 •	12-12-307-11	12-13-307-11	12-T-307	12-P-307	8.9 (.350)	5.8 (.228)	
2.5 (.100)	12.7 (.500)	1.9 (.075)	12-11-403-11 •	12-12-403-11	12-13-403-11	12-T-403	12-P-403	3.8 (.150)	14.1 (.553)	21.9 (.861)
3.8 (.150)	12.7 (.500)	3.2 (.125)	12-11-404-11 •	12-12-404-11 •	12-13-404-11 •	12-T-404	12-P-404	5.1 (.200)	12.8 (.503)	
5.1 (.200)	12.7 (.500)	4.5 (.175)	12-11-405-11 •	12-12-405-11	12-13-405-11 •	12-T-405	12-P-405	6.4 (.250)	11.5 (.453)	
7.6 (.300)	12.7 (.500)	7 (.275)	12-11-407-11 •	12-12-407-11	12-13-407-11 •	12-T-407	12-P-407 •	8.9 (.350)	9 (.353)	
10.2 (.400)	12.7 (.500)	9.5 (.375)	12-11-409-11 •	12-12-409-11	12-13-409-11	12-T-409	12-P-409	11.4 (.450)	6.4 (.253)	
2.5 (.100)	15.9 (.625)	1.9 (.075)	12-11-503-11 •	12-12-503-11	12-13-503-11	12-T-503	12-P-503	3.8 (.150)	17.2 (.678)	25 (.986)
3.8 (.150)	15.9 (.625)	3.2 (.125)	12-11-504-11 •	12-12-504-11	12-13-504-11	12-T-504	12-P-504	5.1 (.200)	16 (.628)	
5.1 (.200)	15.9 (.625)	4.5 (.175)	12-11-505-11 •	12-12-505-11	12-13-505-11	12-T-505	12-P-505	6.4 (.250)	14.7 (.578)	
7.6 (.300)	15.9 (.625)	7 (.275)	12-11-507-11 •	12-12-507-11	12-13-507-11	12-T-507	12-P-507	8.9 (.350)	12.1 (.478)	
10.2 (.400)	15.9 (.625)	9.5 (.375)	12-11-509-11	12-12-509-11	12-13-509-11	12-T-509	12-P-509	11.4 (.450)	9.6 (.378)	
12.7 (.500)	15.9 (.625)	12.1 (.475)	12-11-511-11	12-12-511-11	12-13-511-11	12-T-511	12-P-511	14 (.550)	7.1 (.278)	
2.5 (.100)	19.1 (.750)	1.9 (.075)	12-11-603-11 •	12-12-603-11	12-13-603-11	12-T-603	12-P-603	3.8 (.150)	20.4 (.803)	28.2 (1.111)
3.8 (.150)	19.1 (.750)	3.2 (.125)	12-11-604-11 •	12-12-604-11	12-13-604-11 •	12-T-604	12-P-604	5.1 (.200)	19.1 (.753)	
5.1 (.200)	19.1 (.750)	4.5 (.175)	12-11-605-11 •	12-12-605-11 •	12-13-605-11	12-T-605	12-P-605	6.4 (.250)	17.9 (.703)	
7.6 (.300)	19.1 (.750)	7 (.275)	12-11-607-11 •	12-12-607-11	12-13-607-11	12-T-607	12-P-607	8.9 (.350)	15.3 (.603)	
10.2 (.400)	19.1 (.750)	9.5 (.375)	12-11-609-11 •	12-12-609-11	12-13-609-11	12-T-609	12-P-609	11.4 (.450)	12.8 (.503)	
12.7 (.500)	19.1 (.750)	12.1 (.475)	12-11-611-11 •	12-12-611-11	12-13-611-11	12-T-611	12-P-611	14 (.550)	10.2 (.403)	
15.3 (.600)	19.1 (.750)	14.6 (.575)	12-11-613-11 •	12-12-613-11	12-13-613-11	12-T-613	12-P-613	16.5 (.650)	7.7 (.303)	
17.8 (.700)	19.1 (.750)	17.2 (.675)	12-11-615-11	12-12-615-11	12-13-615-11	12-T-615	12-P-615	19.1 (.750)	5.2 (.203)	

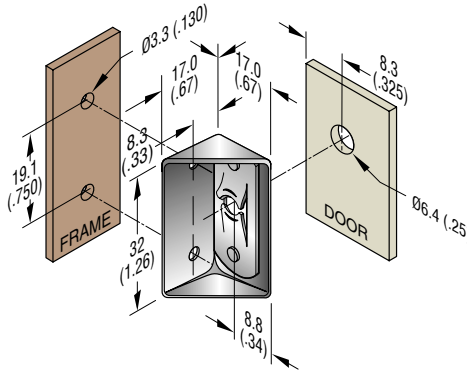
Slotted, wing and knurled headstyles are available in stainless steel. Contact Southco for details.

Longer screws and black finish available. Contact Southco for details.

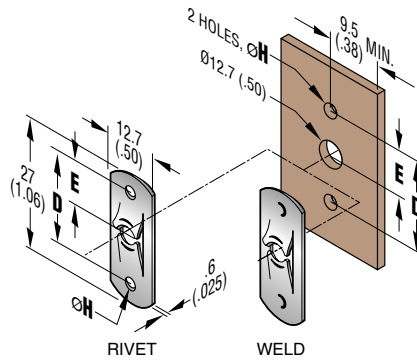
Southco® Captive Fasteners

Fast-lead Thread Screws, Medium size Receptacles and Retainers

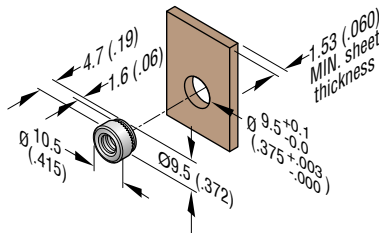
Side mount receptacle



Flat type receptacle

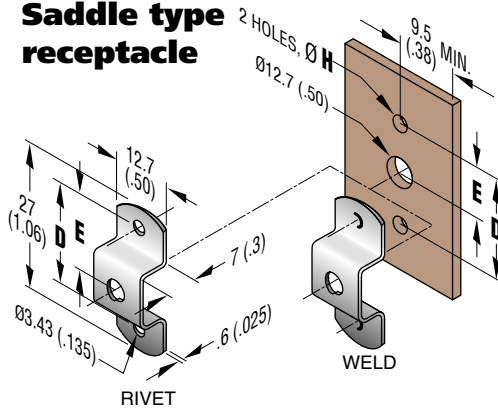


Press-in receptacle

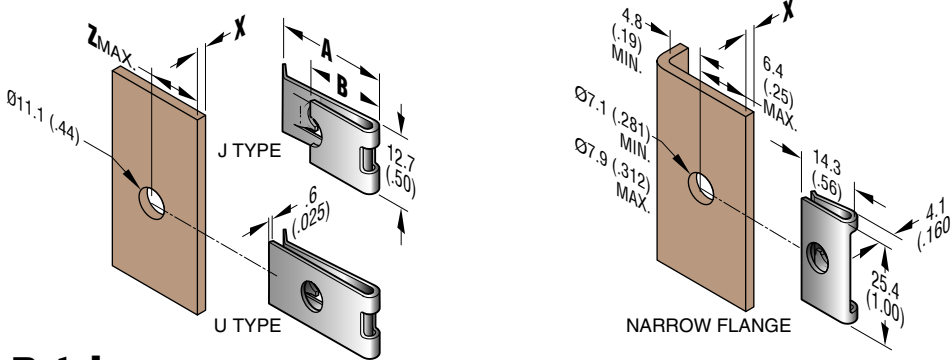


NOTE: For use in low carbon steels, aluminum and stainless steels in the annealed condition that are R_b 85 or softer. Recommended minimum distance from edge of panel to centerline of hole is 14.3 (.563). When installing, press until top of knurl is barely visible.

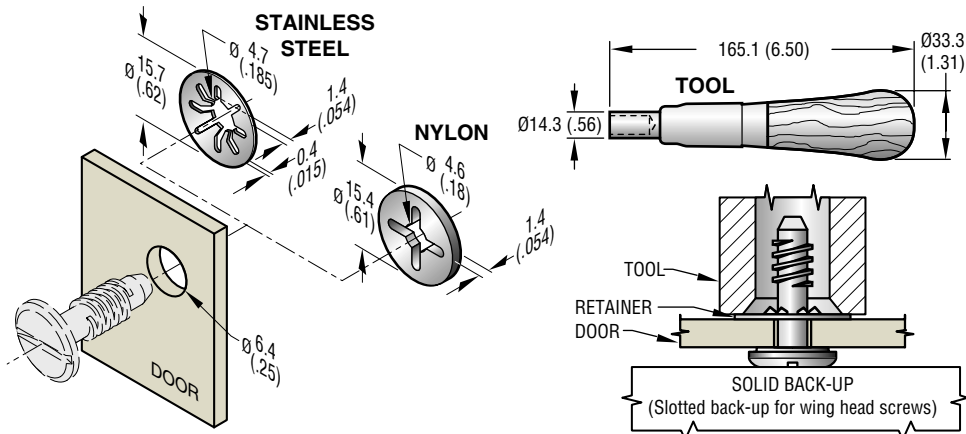
Saddle type receptacle



Clip-on type receptacle



Retainers



SIDE MOUNT RECEPTACLE PART NUMBER

12-90-101-10 •

FLAT RECEPTACLE PART NUMBERS

TYPE	MATERIAL AND FINISH	D	E	ØH	PART NUMBERS
RIVET	1064 Steel, zinc immersion coating	19.1 (.750)	9.5 (.375)	2.7 (.105)	12-11015-13 •
		19.1 (.750)	9.5 (.375)	3.4 (.135)	12-11020-11 •
	302 Stainless steel, passivated	19.1 (.750)	9.5 (.375)	2.7 (.105)	12-11015-14 •
		19.1 (.750)	9.5 (.375)	3.4 (.135)	12-11020-13 •
WELD	—	—	—	12-11016-11 •	

PRESS-IN RECEPTACLE PART NUMBER

Low carbon steel, case hardened and zinc plate, chromate plus sealer.

12-44-101-11 •

SADDLE RECEPTACLE PART NUMBERS

TYPE	MATERIAL AND FINISH	D	E	ØH	PART NUMBERS
RIVET	1070 Steel, zinc immersion coating	19.1 (.750)	9.5 (.375)	3.4 (.135)	12-11043-11 •
		19.1 (.750)	9.5 (.375)	3.4 (.135)	12-11043-12 •
WELD	302 Stainless steel, passivated	—	—	—	12-11044-12 •

CLIP-ON RECEPTACLE PART NUMBERS

TYPE	Material and Finish	X	A	B	Z max.	PART NUMBERS
J	1064 Steel, zinc immersion coating	.8 (.031)-2.8 (.109)	24.8 (.98)	14.9 (.59)	12.7 (.50)	12-11025-11 •
		.8 (.031)-2.8 (.109)	25.9 (1.02)	14.9 (.59)	12.7 (.50)	12-11017-11 •
U	1064 Steel, zinc immersion coating	2.8 (.109)-4.1 (.161)	25.9 (.98)	14.9 (.59)	11.1 (.44)	12-11027-11 •
		2.8 (.109)-5.5 (.213)	24.8 (.98)	14.9 (.59)	11.1 (.44)	12-11029-11 •
		4.1 (.161)-6.7 (.265)	24.8 (.97)	13.4 (.53)	11.1 (.44)	12-11031-11 •
		5.4 (.213)-6.7 (.265)	25.9 (.97)	14.9 (.59)	11.1 (.44)	12-11031-11 •
Narrow flange	17-7 PH Stainless steel, passivated	.8 (.031)-2.8 (.109)	25.9 (1.02)	14.9 (.59)	12.7 (.50)	12-11017-12 •
		2.8 (.109)-4.1 (.161)	25.9 (1.02)	15.5 (.61)	11.9 (.47)	12-11027-12 •
Narrow flange	1064 Steel, zinc immersion coating	.8 (.031)-2.8 (.109)	—	—	6.4 (.25)	12-11050-27 •
		2.8 (.109)	—	—	6.4 (.25)	12-11050-27 •

RETAINER PART NUMBERS

304 Stainless steel, passivated	Nylon, black	TOOL PART NUMBER
12-6-1 •	12-11064-42 •	12-0-20980-11 •

Material and Finish

Side Mount receptacle type:

RECEPTACLE: 1064 Steel, zinc immersion coating.

BRACKET: 1010 Steel, zinc plate, chromate plus sealer.

RIVET: Aluminum.

All other receptacle types: See tables.

millimeter (inch)
millimeter (inch)

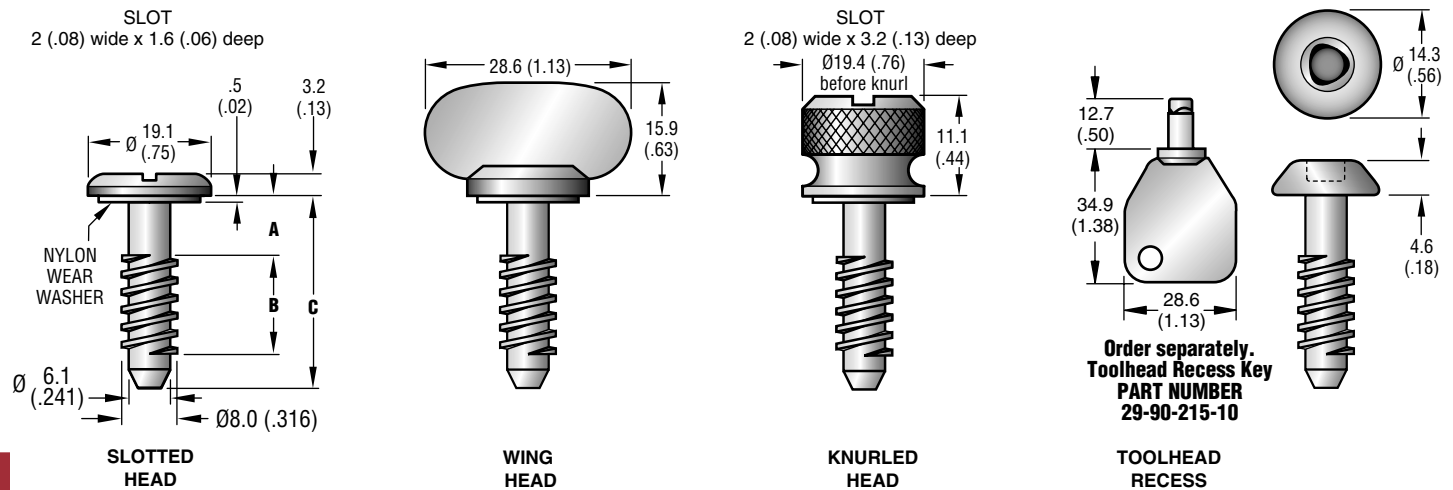
Dimensions without tolerances are for reference only.

Southco® Captive Fasteners

Fast-lead Thread Screws, Large size

- Robust assembly
- Four head styles
- Three receptacle styles

See Page 257 for ordering instructions.



Captive Fasteners
Fast-lead Thread Screws

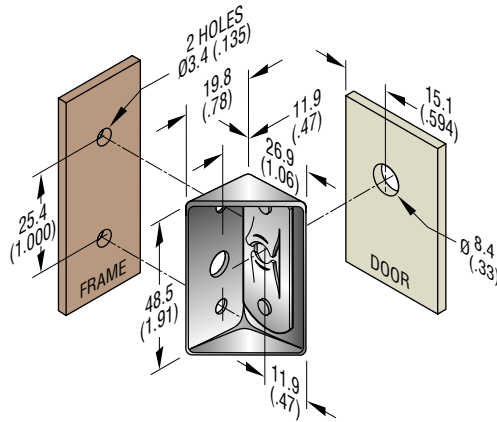
COL. I		COL. II	SCREW ASSEMBLY PART NUMBERS				DIMENSIONS		
Range of total thickness to be fastened		MAX. thickness of outer panel	Low carbon steel, case hardened, zinc plate, chromate plus sealer				A	B	C
MIN.	MAX.		SLOTTED	WING	KNURLED	TOOLHEAD RECESS			
2.5 (.100)	6.4 (.250)	3.1 (.120)	17-11-104-11 •	17-12-104-11 •	17-13-104-11 •	17-T-104	5.1 (.200)	9.1 (.360)	19.1 (.751)
5.1 (.200)	6.4 (.250)	5.6 (.220)	17-11-106-11 •	17-12-106-11	17-13-106-11	17-T-106	7.6 (.300)	6.6 (.260)	
2.5 (.100)	9.5 (.375)	3.1 (.120)	17-11-204-11 •	17-12-204-11 •	17-13-204-11 •	17-T-204	5.1 (.200)	12.3 (.485)	22.3 (.876)
5.1 (.200)	9.5 (.375)	5.6 (.220)	17-11-206-11 •	17-12-206-11 •	17-13-206-11 •	17-T-206	7.6 (.300)	9.8 (.385)	
7.6 (.300)	9.5 (.375)	8.1 (.320)	17-11-208-11	17-12-208-11	17-13-208-11	17-T-208	10.2 (.400)	7.2 (.285)	
2.5 (.100)	12.7 (.500)	3.1 (.120)	17-11-304-11 •	17-12-304-11 •	17-13-304-11 •	17-T-304	5.1 (.200)	15.5 (.610)	25.4 (1.001)
5.1 (.200)	12.7 (.500)	5.6 (.220)	17-11-306-11 •	17-12-306-11 •	17-13-306-11 •	17-T-306 •	7.6 (.300)	13 (.510)	
7.6 (.300)	12.7 (.500)	8.1 (.320)	17-11-308-11	17-12-308-11	17-13-308-11	17-T-308	10.2 (.400)	10.4 (.410)	
10.2 (.400)	12.7 (.500)	10.7 (.420)	17-11-310-11	17-12-310-11	17-13-310-11	17-T-310	12.7 (.500)	7.9 (.310)	
2.5 (.100)	15.9 (.625)	3.1 (.120)	17-11-404-11	17-12-404-11	17-13-404-11	17-T-404	5.1 (.200)	18.7 (.735)	28.6 (1.126)
5.1 (.200)	15.9 (.625)	5.6 (.220)	17-11-406-11	17-12-406-11	17-13-406-11	17-T-406	7.6 (.300)	16.1 (.635)	
7.6 (.300)	15.9 (.625)	8.1 (.320)	17-11-408-11	17-12-408-11	17-13-408-11	17-T-408	10.2 (.400)	13.6 (.535)	
10.2 (.400)	15.9 (.625)	10.7 (.420)	17-11-410-11	17-12-410-11	17-13-410-11	17-T-410	12.7 (.500)	11.1 (.435)	
12.7 (.500)	15.9 (.625)	13.2 (.520)	17-11-412-11	17-12-412-11	17-13-412-11	17-T-412	15.2 (.600)	8.5 (.335)	
15.2 (.600)	15.9 (.625)	15.8 (.620)	17-11-414-11	17-12-414-11	17-13-414-11	17-T-414	17.8 (.700)	6 (.235)	

Slotted, wing and knurled headstyles are available in stainless steel. Contact Southco for details. Longer screws and black finish available. Contact Southco for details.

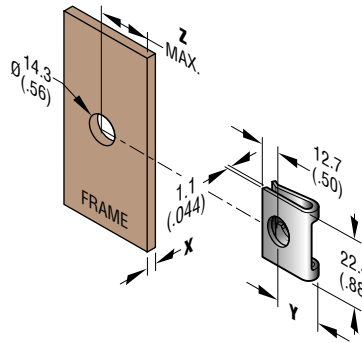
Southco® Captive Fasteners

Fast-lead Thread Screws, Large size Receptacles and Retainers

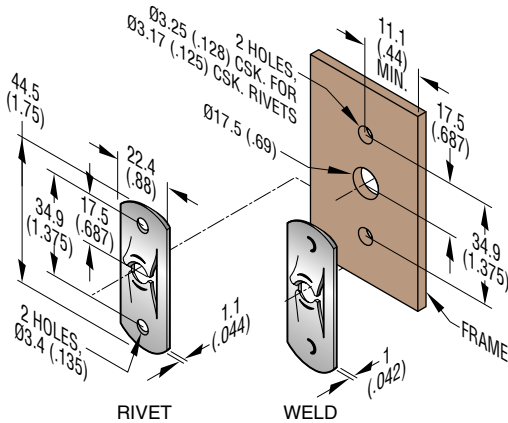
Side mount receptacle



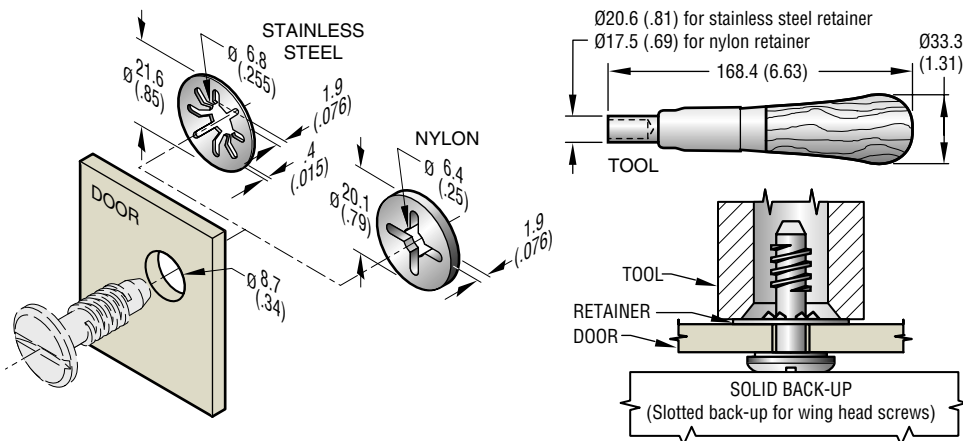
Clip-on type receptacle



Flat type receptacle



Retainers



SIDE MOUNT RECEPTACLE PART NUMBER

17-90-101-10 •

CLIP-ON RECEPTACLE PART NUMBERS

THICKNESS X	Y	Z MAX.	PART NUMBERS
1.1 (.045) – 2.4 (.093)	15.7 (.62)	15.0 (.59)	17-10017-11 •
2.4 (.093) – 3.6 (.142)	14.7 (.58)	14.2 (.56)	17-10027-11 •
3.6 (.142) – 4.9 (.191)	13.7 (.54)	14.2 (.56)	17-10029-11 •
4.9 (.191) – 6.1 (.240)	13.5 (.53)	13.5 (.53)	17-10031-11 •
6.1 (.240) – 7.3 (.289)	13.0 (.51)	12.7 (.50)	17-10033-11 •

FLAT RECEPTACLE PART NUMBERS

TYPE	MATERIAL AND FINISH	PART NUMBERS
RIVET	1064 Steel, zinc immersion coating	17-10015-13 •
	304 Stainless steel, passivated	17-10015-14 •
WELD	304 Stainless steel, passivated	17-10016-11 •

Material and Finish

Side Mount receptacle type:

RECEPTACLE: 1064 Steel, zinc immersion coating.

BRACKET: 1010 Steel, zinc plate, chromate plus sealer.

RIVET: Aluminum.

Clip-on receptacle type:

1064 Steel, zinc immersion coating.

All other receptacle types: See tables.

RETAINER STYLE	RETAINER PART NUMBERS	TOOL PART NUMBERS
302 Stainless steel, passivated	17-6-1 •	17-0-24585-11 •
Nylon, black	17-10054-42 •	17-0-21333-11 •

millimeter (inch)
millimeter
(inch)

Dimensions without tolerances are for reference only.