



09 Series Fast-Lead Screws

Studs · Small

Material and Finish

Low carbon steel, case hardened, zinc plated, chromate plus sealer or stainless steel

How to Specify:

- Determine your outer panel and frame thicknesses:
Outer panel P =
Frame thickness F =
- Choose your receptacle
- Choose the retainer style
- Find the correct constant in table opposite using the receptacle and retainer selected
- Add outer panel thickness (P), frame thickness (F), and the constant found in step 4 to determine your total material thickness (TMT)
 $TMT = P + F + \text{Constant}$
- Find the TMT value in the ranges given in Column 1 in the part number table
- Confirm that the outer panel thickness P does not exceed the value given in Column 2. This will confirm that your retainer will install properly beyond the last thread and retain your screw to the outer panel
- Going across the row in the part number table, find the part number that matches your desired head style

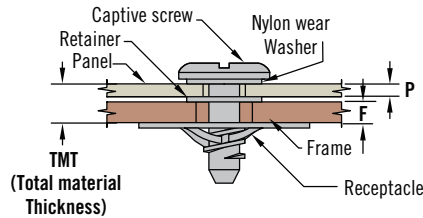
Part Number

See table

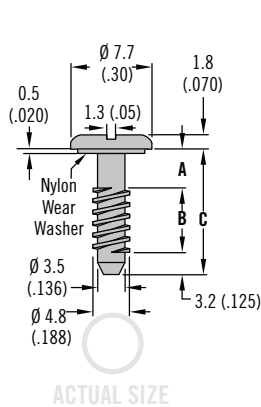
Notes

For full screw retraction, **B** must be less than frame thickness plus receptacle height

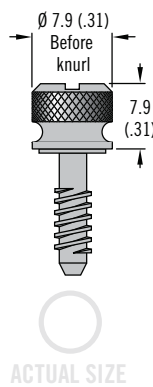
For stainless steel screw (slotted, and knurled ONLY) replace last 2 digits of part number with "26".
Example: 09-11-102-26



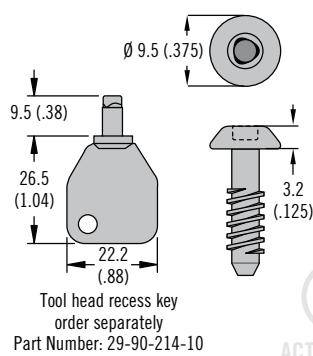
Slot



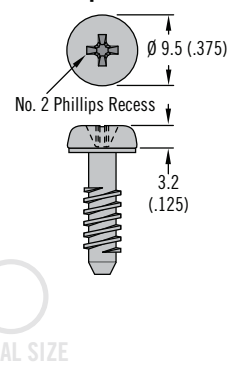
Knurled Head



Tool head Recess



Phillips Recess



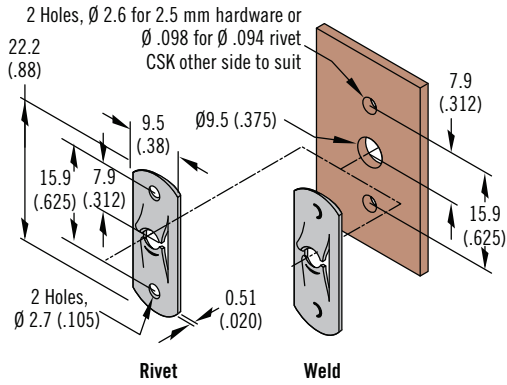
Constant Table				
Retainer Type	Receptacle Type			
	Flat Rivet or Weld	Clip	Saddle	Press-In
Stainless steel	0.3 (.012)	1.0 (.032)	4.5 (.177)	-1.3 (-.050)
Nylon	1.1 (.043)	1.6 (.063)	5.3 (.208)	-0.5 (-.020)

Column 1		Column 2	Screw Assembly Part Number				Dimensions		
TMT		Outer Panel P	Slotted	Knurled	Tool Head Recess	Phillips Recess	A	B	C
Min.	Max.								
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)	5.0 (.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)	5.0 (.197)	

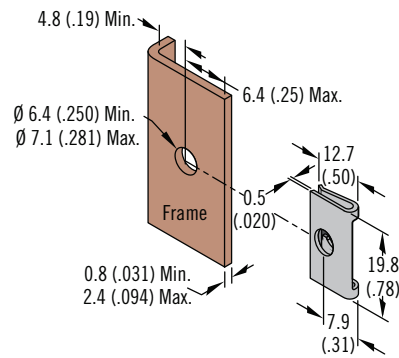
09 Series Fast-Lead Screws Receptacles / retainers · Small



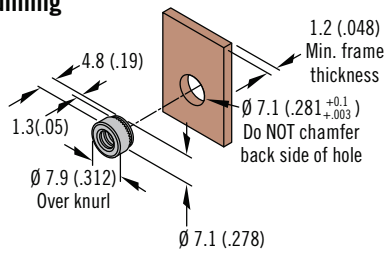
Flat Type Receptacle



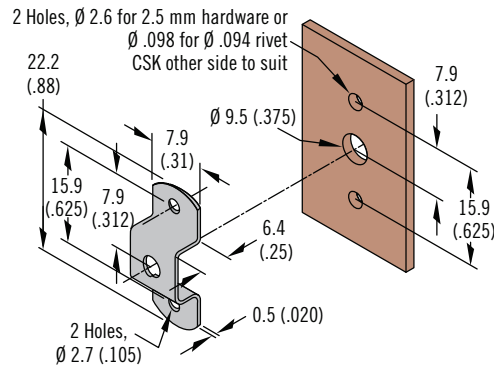
Clip-On Type Receptacle



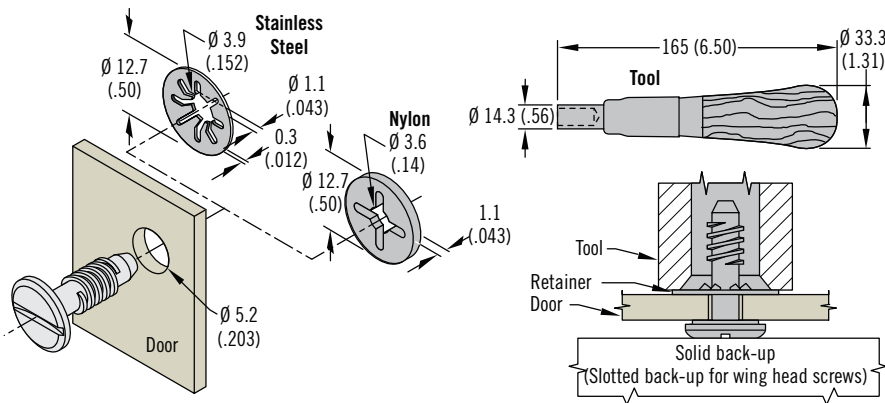
Self-Clinching Receptacle Free Running



Saddle Type Receptacle



Retainers



Type	Receptacle Part Number	
	Steel	Stainless steel
Flat receptacle rivet-on	09-41-101-11	09-41-101-24
Flat receptacle weld-on	~	09-41-103-24
Clip-on receptacle	09-43-101-11	09-43-101-24
Press-in receptacle	09-44-101-11	~
Saddle type receptacle	09-42-101-11	09-42-101-24

Retainer Style	Retainer Part Number	Tool Part Number
302 Stainless steel, passivated	09-6-1	12-0-20980-11
Nylon, black	09-49-102-42	

Material and Finish

Steel, zinc immersion coating or stainless steel

Installation Notes

See page 497 for self-clinching installation guidelines