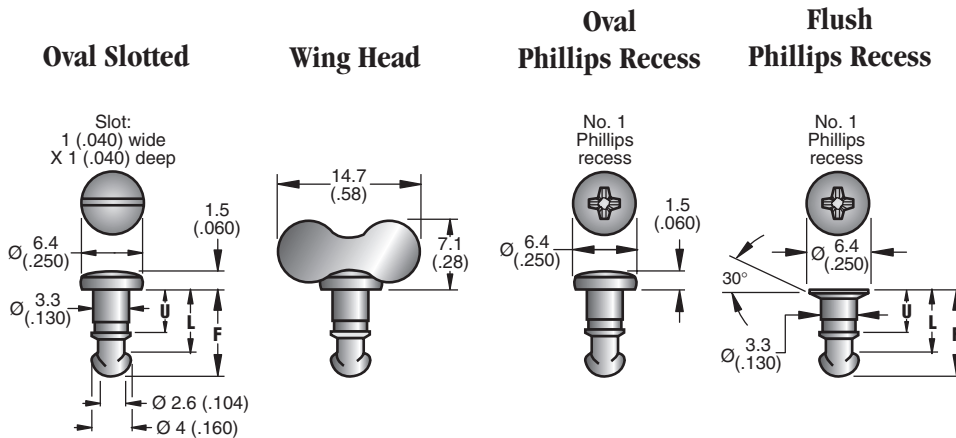


Southco® Quarter-turn Fasteners

Small Series, Stud Selection



FOR:		FOR:		STUD PART NUMBER				DIMENSIONS			
Press-in Part No. 81-35-308-55 and Ultrasonic Part No. 81-35-310-55		ALL OTHER RECEPTACLES*		Zinc plate, chromate plus sealer		Case hardened and zinc plate chromate plus sealer.		U	L	F	
				OVAL SLOTTED	WING HEAD	OVAL PHILLIPS RECESS	FLUSH PHILLIPS RECESS				
Outer Panel Thickness ‡	Total Material Thickness ‡	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
1 (.040)	1.5 (.059)	2.3 (.090)	2.8 (.109)	81-11-100-16 •	81-12-100-16 •	81-18-100-16 •	81-19-100-16 •	4.9 (.193)	7.2 (.285)	9.8 (.385)	
1.5 (.060)	2 (.079)	2.8 (.110)	3.3 (.129)	81-11-120-16 •	81-12-120-16 •	81-18-120-16 •	81-19-120-16 •	5.4 (.213)	7.8 (.305)	10.3 (.405)	
2 (.080)	2.5 (.099)	3.3 (.130)	3.8 (.149)	81-11-140-16 •	81-12-140-16 •	81-18-140-16 •	81-19-140-16 •	5.9 (.233)	8.3 (.325)	10.8 (.425)	
2.5 (.100)	3 (.119)	3.8 (.150)	4.3 (.169)	81-11-160-16 •	81-12-160-16 •	81-18-160-16 •	81-19-160-16 •	6.4 (.253)	8.8 (.345)	11.3 (.445)	
3 (.120)	3.5 (.139)	4.3 (.170)	4.8 (.189)	81-11-180-16 •	81-12-180-16 •	81-18-180-16 •	81-19-180-16 •	6.9 (.273)	9.3 (.365)	11.8 (.465)	
3.6 (.140)	4.1 (.159)	4.8 (.190)	5.3 (.209)	81-11-200-16 •	81-12-200-16 •	81-18-200-16 •	81-19-200-16 •	7.4 (.293)	9.8 (.385)	12.3 (.485)	
4.1 (.160)	4.6 (.179)	5.3 (.210)	5.8 (.229)	81-11-220-16 •	81-12-220-16 •	81-18-220-16 •	81-19-220-16 •	8 (.313)	10.3 (.405)	12.8 (.505)	
4.6 (.180)	5.1 (.199)	5.8 (.230)	6.3 (.249)	81-11-240-16 •	81-12-240-16 •	81-18-240-16 •	81-19-240-16 •	8.5 (.333)	10.8 (.425)	13.3 (.525)	
5.1 (.200)	5.6 (.219)	6.4 (.250)	6.9 (.269)	81-11-260-16 •	81-12-260-16 •	81-18-260-16 •	81-19-260-16 •	9 (.353)	11.0 (.445)	13.8 (.545)	
5.6 (.220)	6.1 (.239)	6.9 (.270)	7.4 (.289)	81-11-280-16 •	81-12-280-16 •	81-18-280-16 •	81-19-280-16 •	9.5 (.373)	11.8 (.465)	14.4 (.565)	
6.1 (.240)	6.6 (.259)	7.4 (.290)	7.9 (.309)	81-11-300-16 •	81-12-300-16 •	81-18-300-16 •	81-19-300-16 •	10 (.393)	12.3 (.485)	14.9 (.585)	
6.6 (.260)	7.1 (.279)	7.9 (.310)	8.4 (.329)	81-11-320-16 •	81-12-320-16 •	81-18-320-16 •	81-19-320-16 •	10.5 (.413)	12.8 (.505)	15.4 (.605)	

Material and Finish

WING HEAD STUD: 1008 Steel.

WING: 1010 Steel.

OTHERS: 1008 Steel (see table for finishes).

*Please check for any special conditions or constant required by your specific receptacle on the receptacle description pages.

‡ If using ejector spring or nylon wear washers, see bottom of page 269.

millimeter (inch)
millimeter
(inch)

Dimensions without tolerances are for reference only.