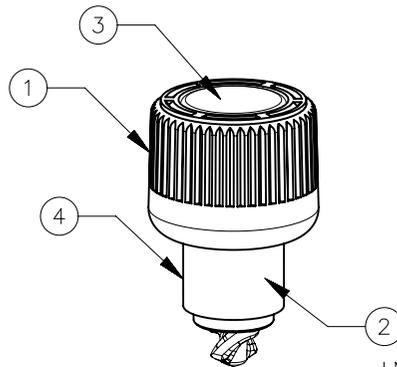
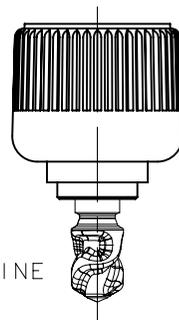


**FASTENED**



INTERNAL SPRING

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
G	29MAR2019	SAM/JCG	PRN: P2019-0724

**MATERIAL AND FINISH:** RoHS COMPLIANT  
 STUD: STEEL, HARDENED,  
 ZINC PLATE PLUS SEALER  
 SPRING: MUSIC WIRE, ZINC PLATE  
 KNOB: 6000 SERIES ALUMINUM, NATURAL OR  
 POWDER COATED  
 FERRULE: 6000 SERIES ALUMINUM, NATURAL

**ASSEMBLY PART NUMBER**

D9-47-330A<sub>4</sub>-KEEE

**A<sub>1</sub> - INSTALL**

3 = 0.9 - 1.5 PANEL ("A")

**A<sub>2</sub> - STUD OD**

3 = Ø 3.5 STUD OD

**A<sub>3</sub> - RECESS**

0 = NO RECESS

**A<sub>4</sub> - STUD LENGTH**

1  
2  
3  
4

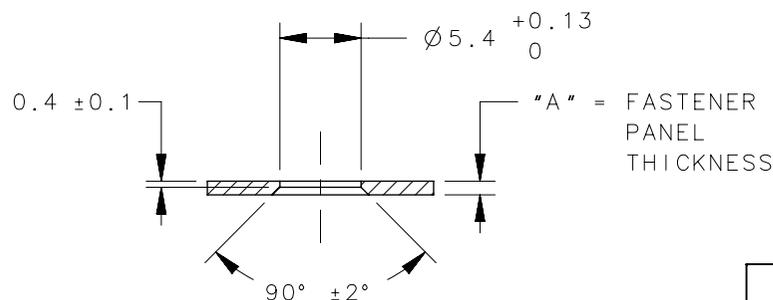
**K - KNOB STYLE**

K = KNURLED

**EEE - KNOB COLOR**

BLANK = METAL,  
 BRIGHT  
 SEE J-47-0-3 FOR  
 ADDITIONAL SUFFIXES

**FASTENER PANEL PREPARATION**



**TO INSTALL FASTENER:**

1. DRILL THEN COUNTERSINK A PANEL HOLE PER PANEL PREPARATION VIEW.
2. INSERT FASTENER AND FLARE INTO PANEL USING TOOL PART NUMBER 47-106.

	THIRD ANGLE PROJECTION	
	MILLIMETERS [IN]	
	TOLERANCES UNLESS OTHERWISE NOTED	
	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	
PROPRIETARY ITEM	EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.	
	PER ASME Y14.5M-1994	

4	-	1	FERRULE
3	-	1	STUD
2	-	1	SPRING
1	-	1	KNOB
-	D9-47-330A-KEEE	-	ASSEMBLY
NO.	PART NUMBER	QTY	TYPE OF COMPONENT

**southco**<sup>®</sup>  
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DESCRIPTION			
QUICK ACCESS FASTENER			
D9-47 FLARE-IN STYLE, 3.5 STUD SIZE			
SIZE	SYSTEM	DWG NO.	
A4	NX	J-D9-47-330-K	
DRAWN BY	DATE	SCALE	SHEET
IR/	08 OCT 15	DNS	1 OF 3

LENGTH 2 STUD SHOWN IN ALL VIEWS.

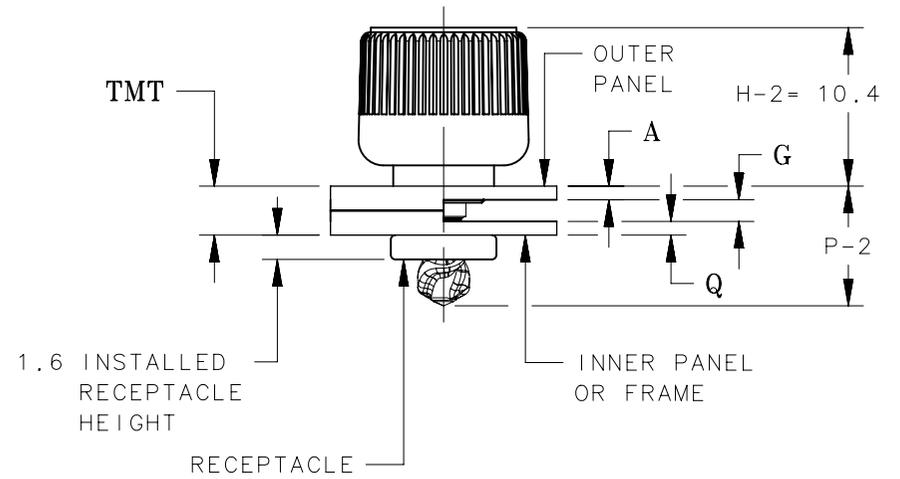
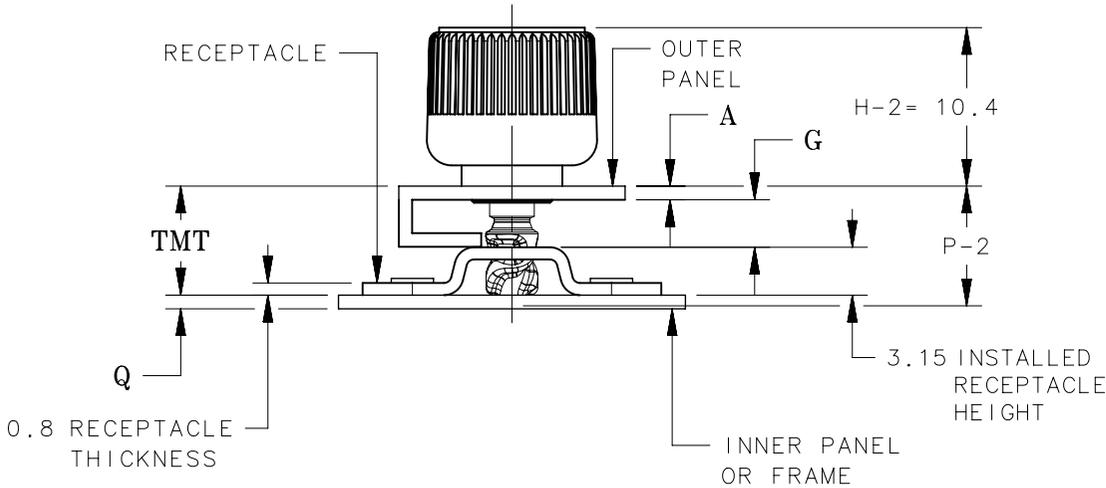
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
G	29MAR2019	SAM/JCG	PRN: P2019-0724

**WITH SADDLE RECEPTACLE D9-62-11  
(ORDER SEPARATELY)**

$TMT = A+G+3.15$

**WITH PRESS-IN RECEPTACLE D9-63-11  
(ORDER SEPARATELY)**

$TMT = A+G+Q$



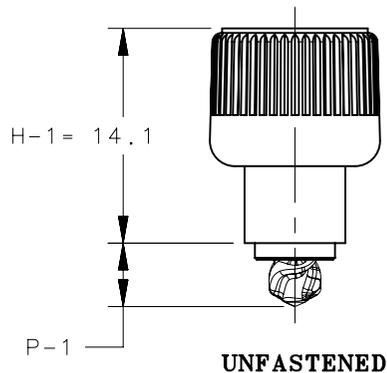
SADDLE STYLE RECEPTACLE						
STUD ASSEMBLY PART NUMBER	STUD LENGTH	P-1 MAX	P-2 MAX	TMT RANGE		
				MIN.	NOMINAL	MAX.
D9-47-3301-K	1	4.6	8.3	5.3	6.0	6.2
D9-47-3302-K	2	5.6	9.3	6.3	7.0	7.2
D9-47-3303-K	3	6.6	10.3	7.3	8.0	8.2
D9-47-3304-K	4	7.6	11.3	8.3	9.0	9.2

SEE J-D9-62 FOR SADDLE RECEPTACLE INFORMATION

PRESS-IN STYLE RECEPTACLE						
STUD ASSEMBLY PART NUMBER	STUD LENGTH	P-1 MAX	P-2 MAX	TMT RANGE		
				MIN.	NOMINAL	MAX.
D9-47-3301-K	1	4.6	8.3	1.4	2.1	2.3
D9-47-3302-K	2	5.6	9.3	2.4	3.1	3.3
D9-47-3303-K	3	6.6	10.3	3.4	4.1	4.3
D9-47-3304-K	4	7.6	11.3	4.4	5.1	5.3

SEE J-D9-63 FOR PRESS-IN RECEPTACLE INFORMATION

TMT = TOTAL MATERIAL THICKNESS  
 A = 0.9 MIN PANEL THICKNESS  
 G = GAP  
 Q = 0.9 MIN FRAME THICKNESS



<p>THIRD ANGLE PROJECTION</p>	<p>MILLIMETERS [IN]</p>		<p>DESCRIPTION</p>	
	<p>TOLERANCES UNLESS OTHERWISE NOTED</p>		<p>QUICK ACCESS FASTENER</p>	
	<p>ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.</p>		<p>D9-47 FLARE-IN STYLE, 3.5 STUD SIZE</p>	
	<p>PROPRIETARY ITEM</p> <p>EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.</p>	<p>SIZE</p> <p>A4</p>	<p>SYSTEM</p> <p>NX</p>	<p>DWG NO.</p> <p>J-D9-47-330-K</p>
<p>PER ASME Y14.5M-1994</p>		<p>DRAWN BY</p> <p>IR/</p>	<p>DATE</p> <p>08 OCT 15</p>	<p>SCALE</p> <p>DNS</p>
			<p>SHEET</p> <p>2 OF 3</p>	

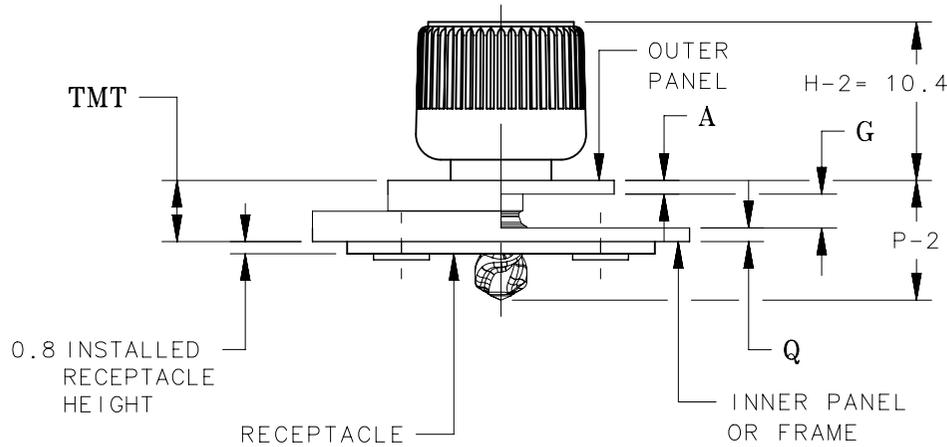
**southco**<sup>®</sup>  
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LENGTH 2 STUD SHOWN IN ALL VIEWS.

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
G	29MAR2019	SAM/JCG	PRN: P2019-0724

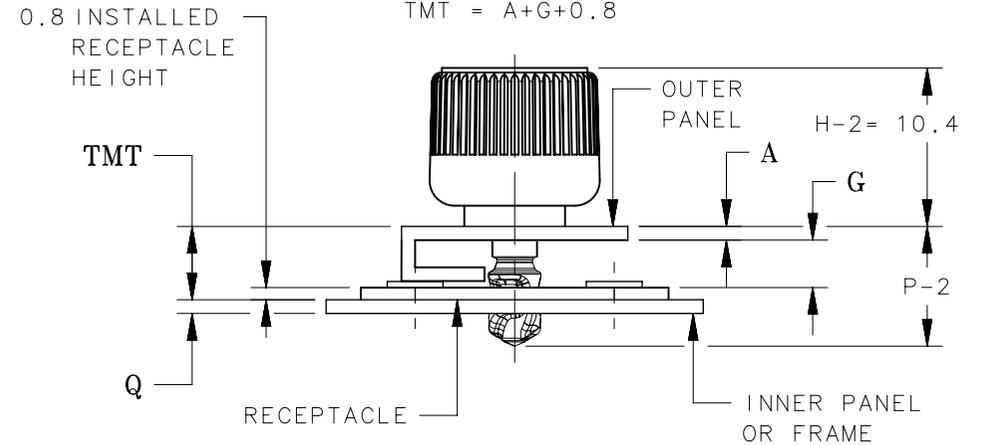
**WITH FLAT RECEPTACLE D9-61-11  
MOUNTED BELOW PANEL  
(ORDER SEPARATELY)**

$TMT = A+G+Q$



**WITH FLAT RECEPTACLE D9-61-11  
MOUNTED ABOVE PANEL  
(ORDER SEPARATELY)**

$TMT = A+G+0.8$



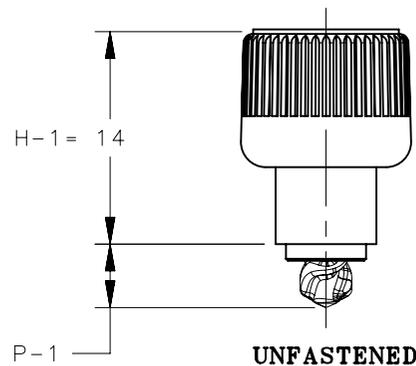
FLAT STYLE RECEPTACLE MOUNTED BELOW PANEL						
STUD ASSEMBLY PART NUMBER	STUD LENGTH	P-1 MAX	P-2 MAX	TMT RANGE		
				MIN.	NOMINAL	MAX.
D9-47-3301-K	1	4.6	8.3	2.1	2.8	3.0
D9-47-3302-K	2	5.6	9.3	3.1	3.8	4.0
D9-47-3303-K	3	6.6	10.3	4.1	4.8	5.0
D9-47-3304-K	4	7.6	11.3	5.1	5.8	6.0

SEE J-D9-61 FOR FLAT RECEPTACLE INFORMATION

FLAT STYLE RECEPTACLE MOUNTED ABOVE PANEL						
STUD ASSEMBLY PART NUMBER	STUD LENGTH	P-1 MAX	P-2 MAX	TMT RANGE		
				MIN.	NOMINAL	MAX.
D9-47-3301-K	1	4.6	8.3	2.9	3.6	3.8
D9-47-3302-K	2	5.6	9.3	3.9	4.6	4.8
D9-47-3303-K	3	6.6	10.3	4.9	5.6	5.8
D9-47-3304-K	4	7.6	11.3	5.9	6.6	6.8

SEE J-D9-61 FOR FLAT RECEPTACLE INFORMATION

TMT = TOTAL MATERIAL THICKNESS  
 A = 0.9 MIN PANEL THICKNESS  
 G = GAP  
 Q = 0.9 MIN FRAME THICKNESS



	THIRD ANGLE PROJECTION				
	MILLIMETERS [IN]				
	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION			
	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	D9-47 FLARE-IN STYLE, 3.5 STUD SIZE			
	PROPRIETARY ITEM	SIZE	SYSTEM	DWG NO.	
	EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.	A4	NX	J-D9-47-330-K	
	PER ASME Y14.5M-1994	DRAWN BY	DATE	SCALE	SHEET
		IR/	08 OCT 15	DNS	3 OF 3