No.09 - FLAT TYPE RECEPTACLE - 3/32 DIA.	I		DATE DRAWN	CHKD	SCALE	DRAWING NUMBER
Southco No.09 - Flat type receptable - 3/32 dia. Mount screw selection, panel prep,ass'y i			6-13-73 ACZ		NTS	J-09-41-101-11
rev. date by-chkd revisions		T	II	T	ΙΙ	
G 05MAY2005 BRP/RLR PRN: 2005-0410	TOTAL GRIP			MINIMUM DISTANCE INNER SURFACE OF PANEL TO INNER		SCREW ASS'Y PART NUMBER
H 090CT2007 GDW/JSS PRN: 2007-1265	TOTAL GRIP		MAX. OUTER PANEL			
I 01AUG2011 MJS PRN: P2011-0999	MIN.	MAX.	THICKNESS	SURFACE OF FRAME FOR FULL SCREW RETRACTION		
TO SELECT A SCREW ASSEMBLY: 1. MEASURE YOUR TOTAL GRIP (OR GRIP RANGE, IF THE SAME SIZE SCREW IS TO BE USED IN SEVERAL APPLICATIONS). TOTAL GRIP IS THE DISTANCE FROM THE OUTER SURFACE OF THE PANEL TO THE INNER SURFACE OF THE FRAME (PANEL PLUS FRAME PLUS SPACE CREATED BY GASKETS, FLANGES, ETC.). 2. SELECT FROM COLUMN I THAT GRIP RANGE WHICH MOST CLOSELY BRACKETS		.125	.050	THESE SCREWS WILL NOT RETRACT FULLY		09-XX-102-XX
	050	. 250				09-XX-202-XX
	.050	. 375				09-XX-302-XX
		.500				09-XX-402-XX
		.125	.100	.110 .235 .360		09-XX-103-XX
		.250				09-XX-203-XX
YOUR GRIP REQUIREMENT. 3. CHECK COLUMN II TO MAKE SURE THAT YOUR OUTER PANEL THICKNESS DOES		. 375				09-XX-303-XX
NOT EXCEED THE MAXIMUM LISTED.		.500			. 485	09-XX-403-XX
. IF FULL SCREW RETRACTION (COMPLETE DISENGAGEMENT OF THE SCREW FROM THE RECEPTACLE WITHOUT LIFTING OF THE OUTER PANEL) IS DESIRED, CHECK	.150	.250			. 185	09-XX-204-XX
COLUMN III. THE DISTANCE FROM THE INNER SURFACE OF THE PANEL TO THE INNER SURFACE OF THE FRAME, DIMENSION "A", MUST NOT BE LESS THAN THE		. 375	. 150	.310		09-XX-304-XX
MINIMUM LISTED.		.500	1		. 435	09-XX-404-XX
IF FULL SCREW RETRACTION CANNOT BE OBTAINED FOR YOUR APPLICATION, USE A SOUTHCO NO. 09 SADDLE TYPE RECEPTACLE.		. 250	.200		. 135	09-XX-205-XX
	.200	. 375		. 260		09-XX-305-XX
TO CAPTIVATE SCREW ASSEMBLY IN OUTER PANEL:		.500			. 385	09-XX-405-XX
 PLACE SCREW ASSEMBLY INTO PANEL AND THREAD RETAINING WASHER TO THE POSITION BEHIND THE THREAD OF THE SCREW. PLACE SOUTHCO SET TOOL (PART NO.09-50-101-11) OVER SCREW. BACK -UP BEHIND SCREW HEAD FOR SOLIDNESS. STRIKE SET TOOL A 	.300	. 375	. 300	.160		09-XX-307-XX
	1.300	.500	. 500	. 285		09-XX-407-XX
	.400	.500	. 400		.185	09-XX-409-XX
WITH RAWHIDE OR LEAD MALLET. PAT. 3,892,031 GR	DLUMN III IN ABOVE TABLE IS BASED ON THE FOLLOWING FORMULA: CREW WILL RETRACT FULLY IF DISTANCE FROM INNER SURFACE OF NEL TO INNER SURFACE OF FRAME PLUS .037 IS EQUAL TO OR REATER THAN THE THREAD LENGTH OF THE SCREW (DIMENSION "B" I SCREW DRAWING).					
OUTER PANEL SCREW WEAR WASHER - .02 THICK- THERMOPLASTIC RETAINING WASHER - PART NO.09-49-101-12 MATERIAL-ALUMINUM FINISH-NATURAL RETAINING WASHER - PART NO. 09-41-101-11 MATERIAL-STEEL FINISH- ZINC IMMERSION COATING						
FRAME .375 DIA. .098 DIA. HOLE .098 DIA. HOLE C'SINK TO SUIT. KNURLED HEAD WING HEAD WING HEAD		OUTER PANEL	FRAN OUT PAN TOTAL GRIP	- 1	FRAME	.38
HOLE THE AKATION						
FORMATA 1/88						

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J-09-41-101-11