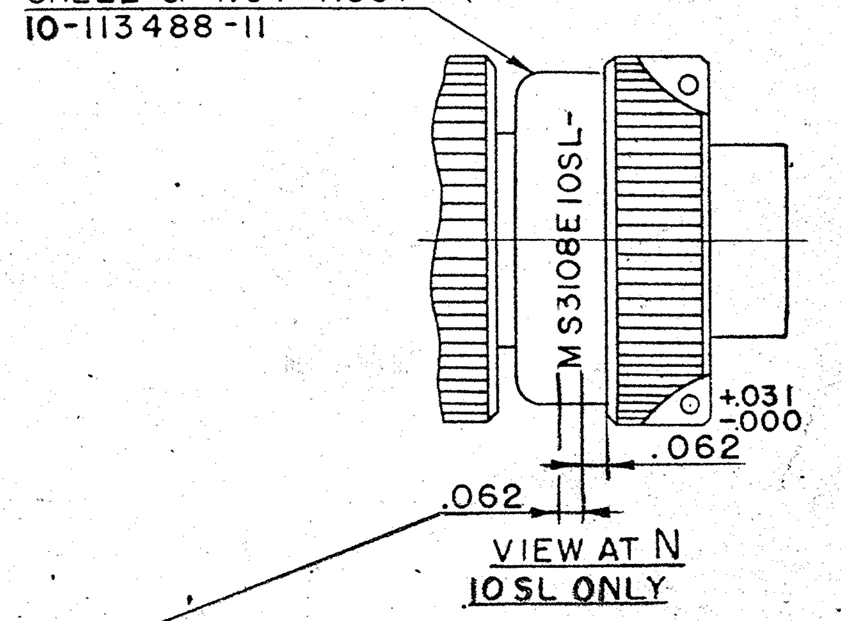
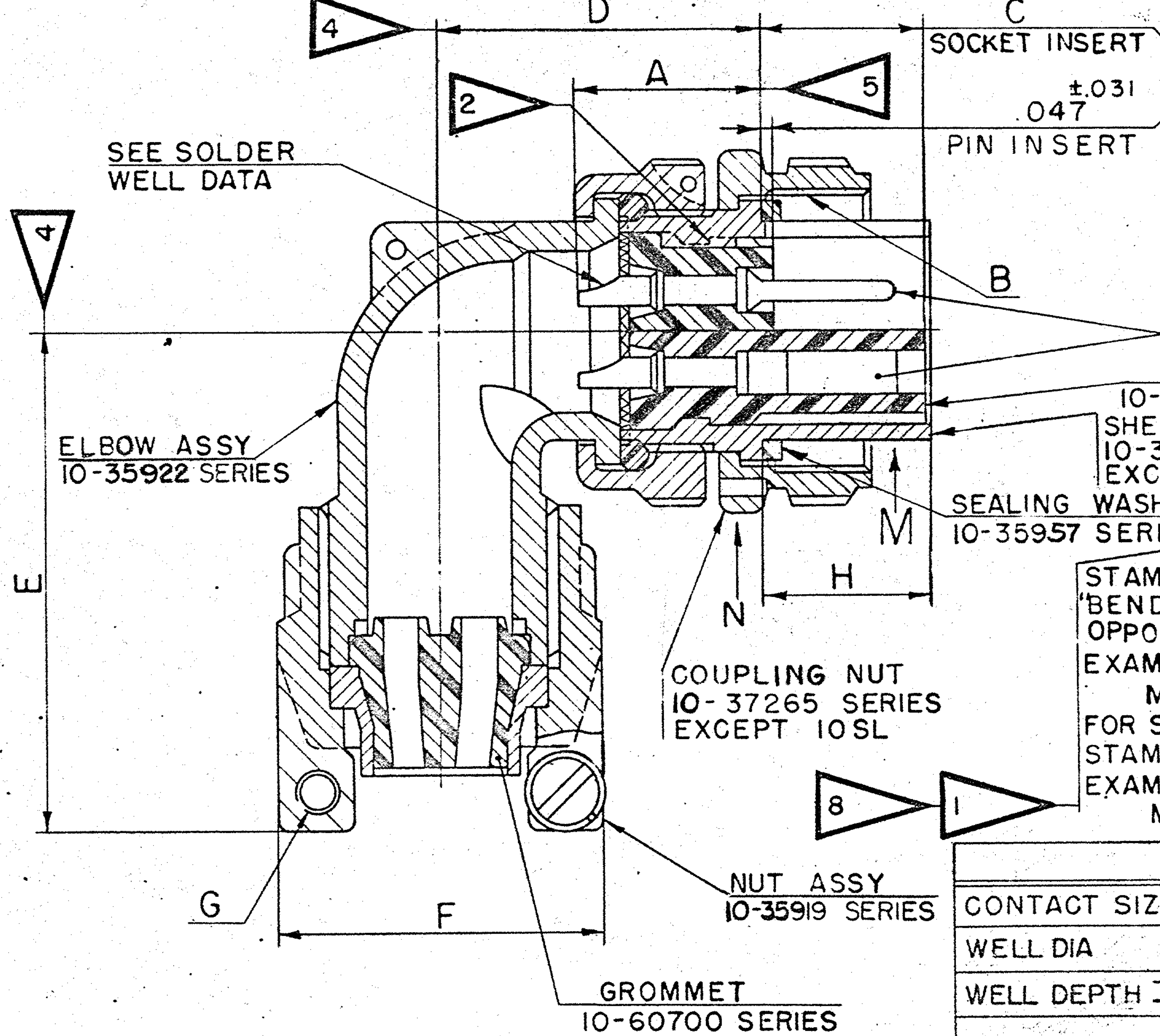
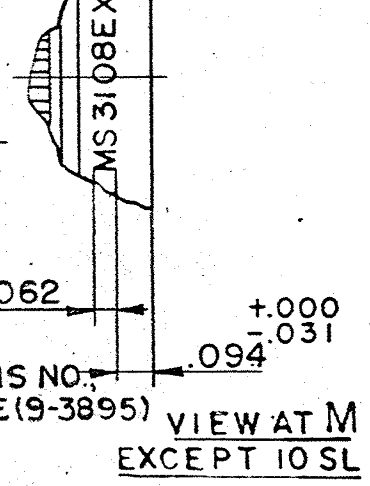
REV	NO.	WAS	DATE	D'MAN	APP
	32508-157				
1	32525-396	3106 (EXAMPLE 2 PLACES)	7-19-57	E. MICHEL	
2	33750-63	ADD. NOTE 12 & DATA	1-20-58	HUDOCK	
3	35826-10	RELOC & REV C DIM & .000 +.016 -.047	9-1-59	BARTKOW	Foland
4	36235-6	REM ACCESSORY BLOCK; ADD NOTES 13 & 14; REV SOLDER WELL DATA	2-1-60	DONLON	Foland
5	36525-331	,REM PD COL (8 THD); REV J DIA COL; ADD NOTE 15; REV NOTE 3.	3-16-60	Zacharias	Foland
6	37985-8	REDESIGNED GROMMET FOR 10-169817-12 ARR	2-3-61	HISCOTT	
7	39525-81	SEALING WASHER 10-35918 SERIES	10-31-62	Dykeman	Hayes
A1	51175-1	(MFG); REM NOTE 12, REVISION LETTER (C) (3 PLACES)	11-13-69	Crandall	Hayes
A2	53249-14	ADD. 9-3895; REV STAMPING NOTES	1-6-72	Crandall	Hayes

ASSY NO.	MS NO.	DIMENSIONS A ±.045	B THREAD CLASS 2B		C +.047 -.000	D MAX	E MAX	F MAX	G THREAD REF CLASS 2	H ±.005	J DIA MAX
10-169808-	3108E 8S-	.562	.5000-28 UNEF		.531	.927	1.445	.807	6-32 NC	.531	.741
10-169810-	10S-		.6250-24 NEF		.531	.927	1.445	.807		.531	.869
10-169811-	10SL-		.6250-24 NEF		.531	.951	1.508	.901		.531	.946
10-169812-	12S-		.7500-20 UNEF		.531	.956				.531	.995
10-169813-	12-	.812	.7500-20 UNEF		.719	1.143				.719	.995
10-169814-	14S-	.562	.8750-20 UNEF		.531	1.020	1.570	1.026		.531	1.123
10-169815-	14-	.812	.8750-20 UNEF		.719	1.207	1.570	1.026		.719	1.123
10-169816-	16S-	.562	1.0000-20 UNEF		.531	1.146	1.633	1.119		.531	1.250
10-169817-	16-	.812	1.0000-20 UNEF		.719	1.333	1.633	1.119		.719	1.250
10-169818-	18-		1.1250-18 NEF			1.395	1.759	1.229			1.333
10-169820-	20-		1.2500-18 NEF			1.598	1.931	1.479	8-32 NC		1.461
10-169822-	22-		1.3750-18 NEF			1.598	1.993	1.479			1.588
10-169824-	24-		1.5000-18 NEF			1.786	2.119	1.666			1.715
10-169828-	28-		1.7500-18 NS			1.786	2.181	1.666			1.968
10-169832-	32-		2.0000-18 NS			2.020	2.570	2.135	10-32 NF		2.209
10-169836-	36-		2.2500-16 UN			2.145	2.695	2.260			2.463
10-169840-	40-		2.5000-16 UN			2.270	2.851	2.510			2.718

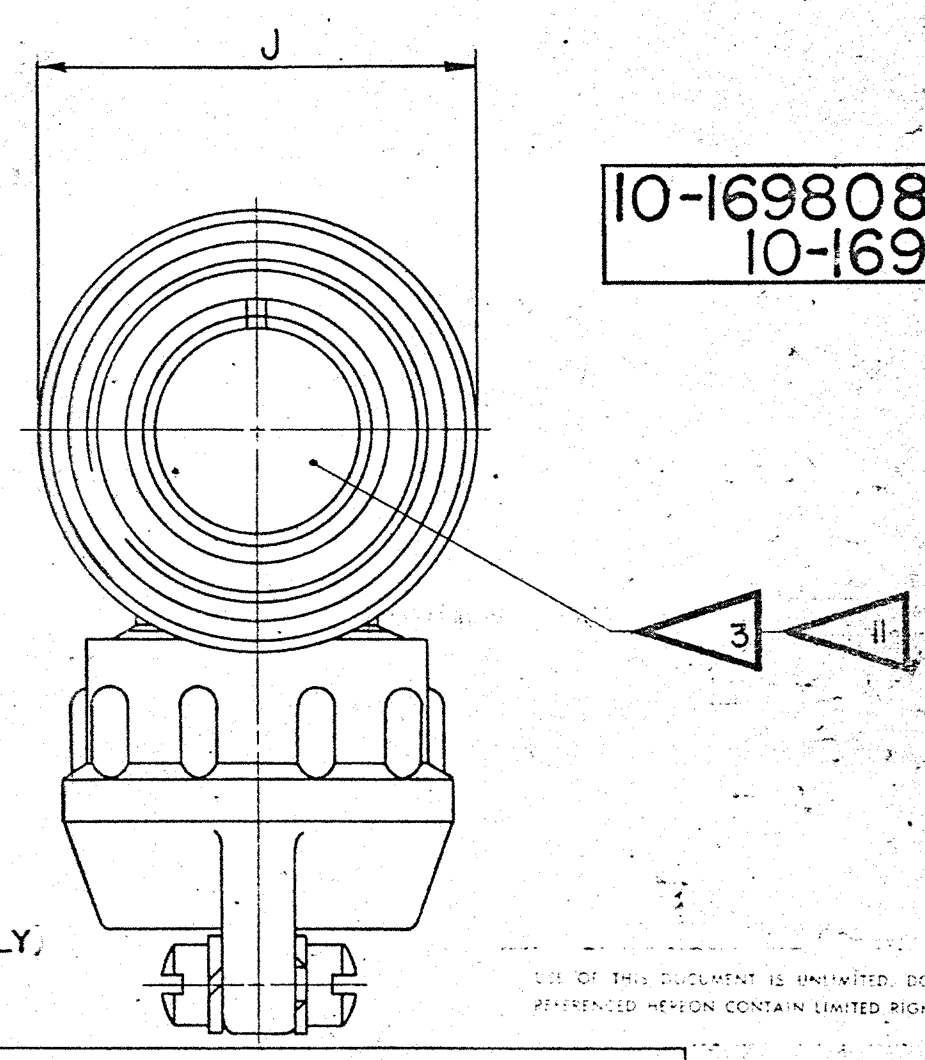


STAMP PER 9-2811
EXAMPLE: MS3108E10SL-3S BENDIX -7139
NUT MUST TURN FREELY
AFTER STAMPING





STAMP PER 9-2811 MS NO. "BENDIX" & DATE CODE (9-3895) OPPOSITE KEYWAY
EXAMPLE:
MS3108E20-12S BENDIX-7139
FOR SUFFIX OTHER THAN "P" OR "S",
STAMP PER 9-2437 (SUFFIX OF MS NO. ONLY)
EXAMPLE:
MS3108E 20 -12SX BENDIX-7139.



10-169808 THRU 10-169840

USE OF THIS DOCUMENT IS UNLIMITED. DOCUMENTS REFERENCED HEREON CONTAIN LIMITED RIGHTS DATA.

SOLDER WELL DATA						
CONTACT SIZE	0	4	8	12	16	16M
WELL DIA	.469 +.005 -.003	.332 +.005 -.003	.209 +.004 -.002	.116 +.004 -.002	.078 +.004 -.002	.078 +.004 -.002
WELL DEPTH +.031 -.000	.625	.625	.500	.375	.188	.250

12.

11. INSERTS & CONTACTS ARE REMOVABLE.

10. FOR OPTIMUM MOISTURE RESISTANCE, CABLE DIAMETERS MUST BE WITHIN 58% OF MAXIMUM FOR EACH CONTACT SIZE. FOR SMALLER CABLES, USE WATERPROOF SLEEVING.

9. SEE DRAWINGS 10-169008 THRU 10-169040 & DRAWINGS 10-169208 THRU 10-169240 FOR REQUIRED MATING RECEPTACLE ASSEMBLIES.

8. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

7. ALL LOCKWIRE HOLES ARE .045 DIA MIN.

6. TO COMPLETE ASSEMBLY NUMBER & MS NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. TO DETERMINE DESIRED INSERT ARRANGEMENT, SEE PARTS LISTS 10-169808 THRU 10-169840.

5. INCREASE A DIMENSION BY .312 FOR SIZE "0" CONTACT ONLY.

4. DIMENSIONS INDICATE FINAL INSTALLATION. FOR STORAGE & SHIPPING, NUT ASSEMBLY & ELBOW ASSEMBLY MUST BE LOOSELY COUPLED.

3. FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33690.

2. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.

1. THE UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MS3108E PER SPEC MIL-C-5015C.

15. FOR PART NUMBERS 10-169817-13, 10-169818-15, 61- & 62-, SEE INDIVIDUAL DRAWINGS 10-169817-13, 10-169818-15, 61-00000 & 62-00000.

14. SHIP CONNECTOR, WITH SEALING PLUGS UNASSEMBLED, IN A PLIOFILM BAG.

13. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH SEALING PLUGS.

NOTES: REF SYMBOL ◁

MATERIAL SPEC	PROCESS SPEC		
	TEST 9-3106-3 ASSY 9-3103-2 SEE NOTE 1 9-2437, 9-2811 9-3895	SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION SIDNEY, N.Y. U.S.A.	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS ±.010
HEAT TREAT SPEC		NAME: CONNECTOR, ELECTRICAL PLUG, TYPE SG( )MC-90°	NEXT ASSEMBLY / WEIGHT LBS SEE PARTS LIST
TOOL ACC	COM REC 22559-10	D'MAN A SMEY 4-25-57; CHECKER Balavitic 5-9-57; STDS 5-10-57; APPROVED 5-10-57; SCALE NONE	SUPERSEDES / SUPERSEDED BY; REF 10-69808/40; 10-169808 THRU 10-169840

DWG SIZE C — TAB. CODE 77820