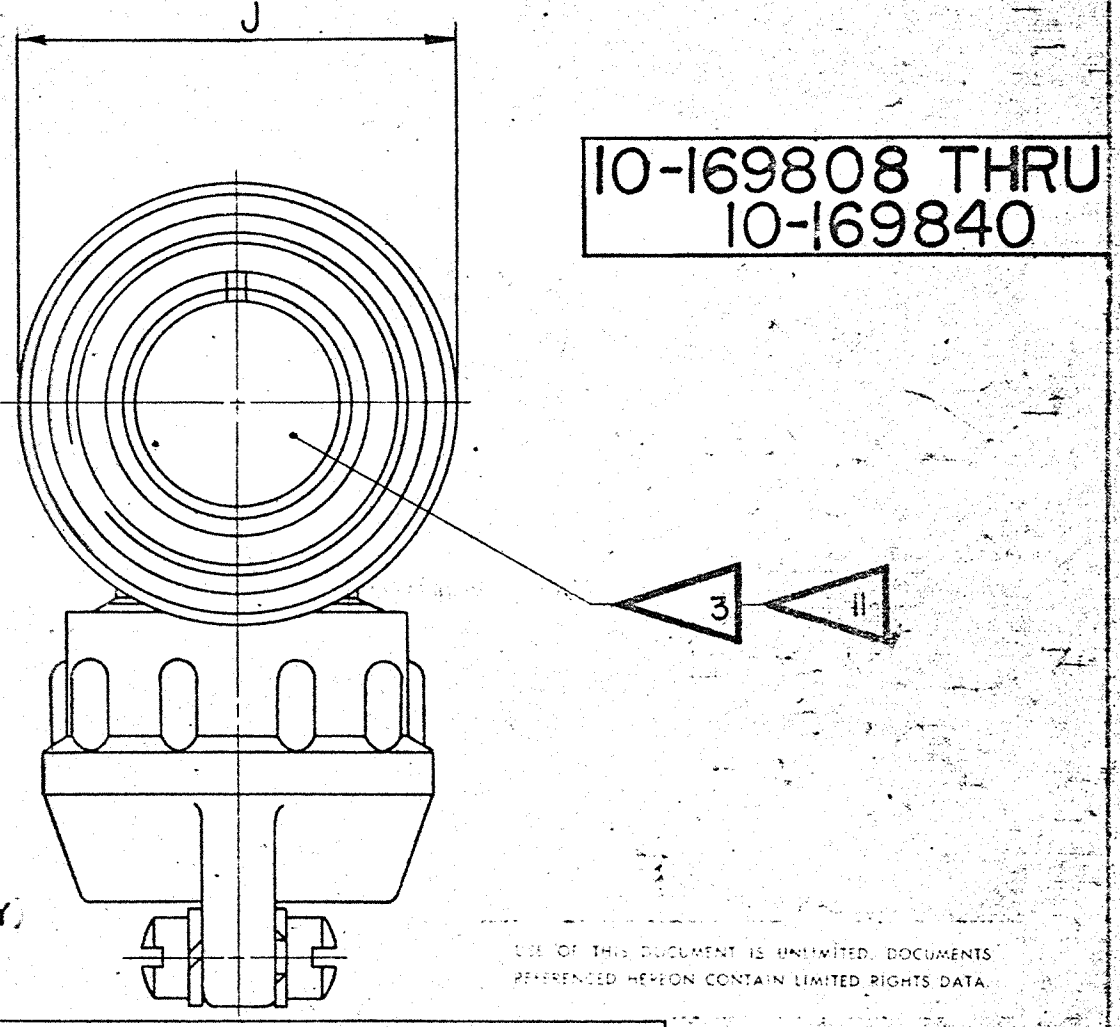
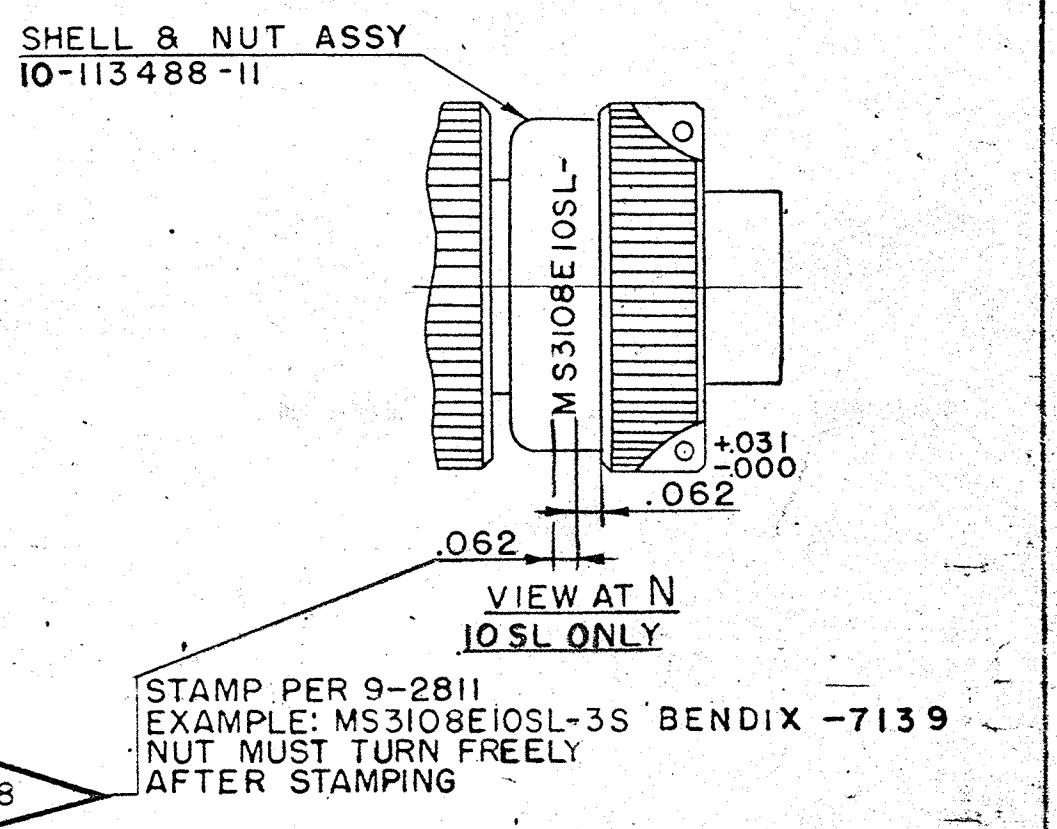
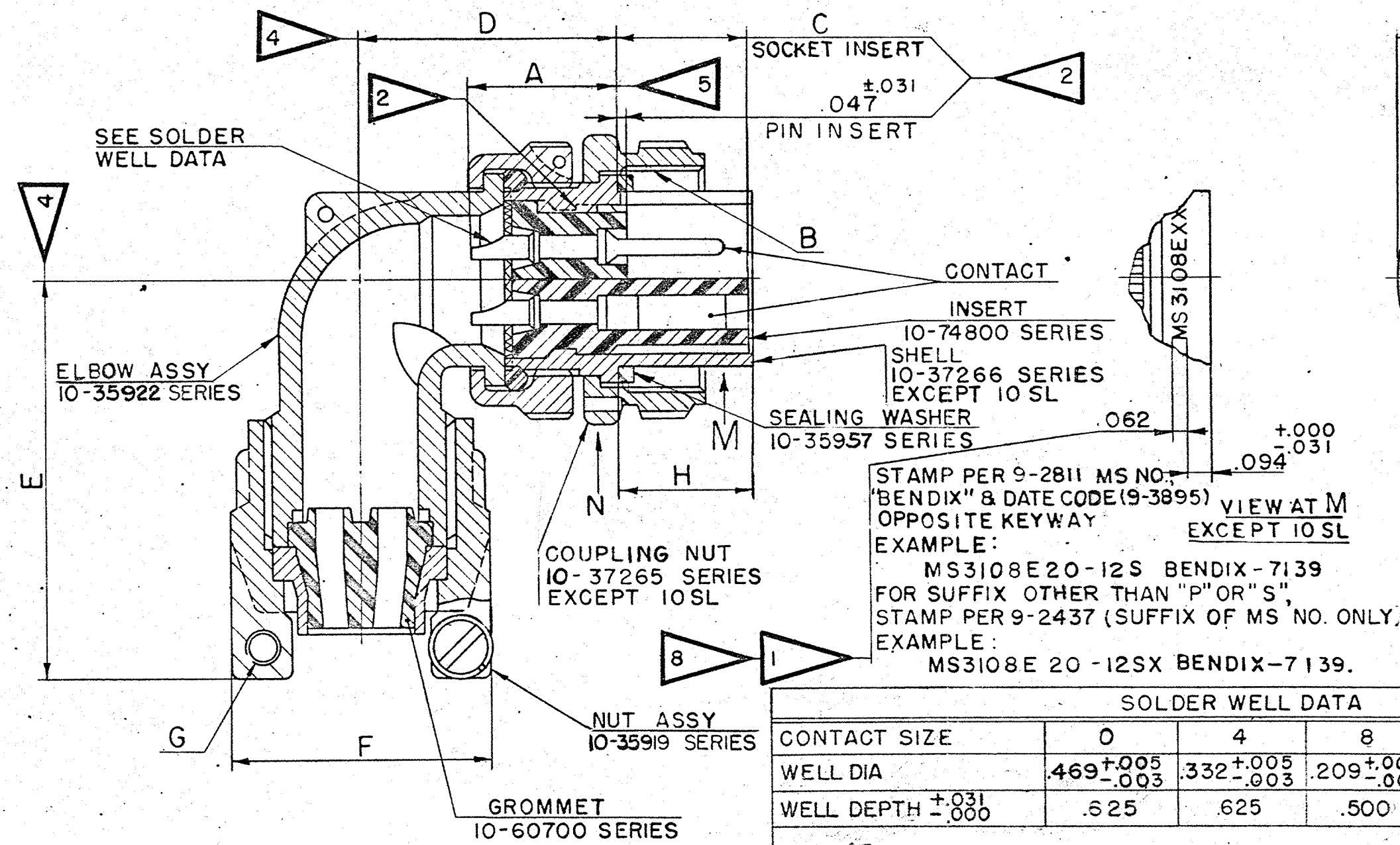


ASSY NO.	MS NO.	DIMENSIONS									
		A ±.045	B THREAD CLASS 2B		C +.047 -.000	D MAX	E MAX	F MAX	G THREAD REF CLASS 2	H ±.005	J DIA MAX
10-169808-	3108E 8S-	.562	.5000-28 UNEF		.531	.927	1.445	.807	6-32 NC	.531	.741
10-169810-	10S-		.6250-24 NEF		.531	.927	1.445	.807		.531	.869
10-169811-	10SL-		.6250-24 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

12. 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 "O" 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.



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	.525	.625	.500	.375	.188	.250

MATERIAL SPEC.	TEST SPEC.	SCINTILLA MAGNETO DIVISION				TOLERANCES, UNLESS OTHERWISE SPECIFIED	
9-3106-3	9-3103-2	BENDIX AVIATION CORPORATION				REQUIREMENTS	
ASSY	SEE NOTE 1	SYDNEY, N.Y. U.S.A.				WEIGHT	
9-2437.9-2811	9-3895	CONNECTOR, ELECTRICAL PLUG,				SEE PARTS LIST	
HEAT TREAT SPEC.		TYPE SG(1)MC-9C				AND IS NOT INTERFERED BY	
		MAN	CHECKER	MAT	SCALE	SUPERSEDED BY	
		SMY	BH/VTC		NONE	10-169808 THRU 10-169840	
TOOL ACC.	COM. REC. 22509-10	4-25-57	5-9-57			DWG SIZE C	

NOTES: REF SYMBOL