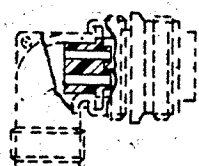
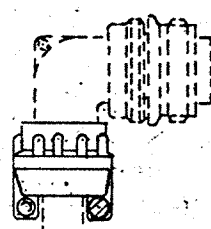


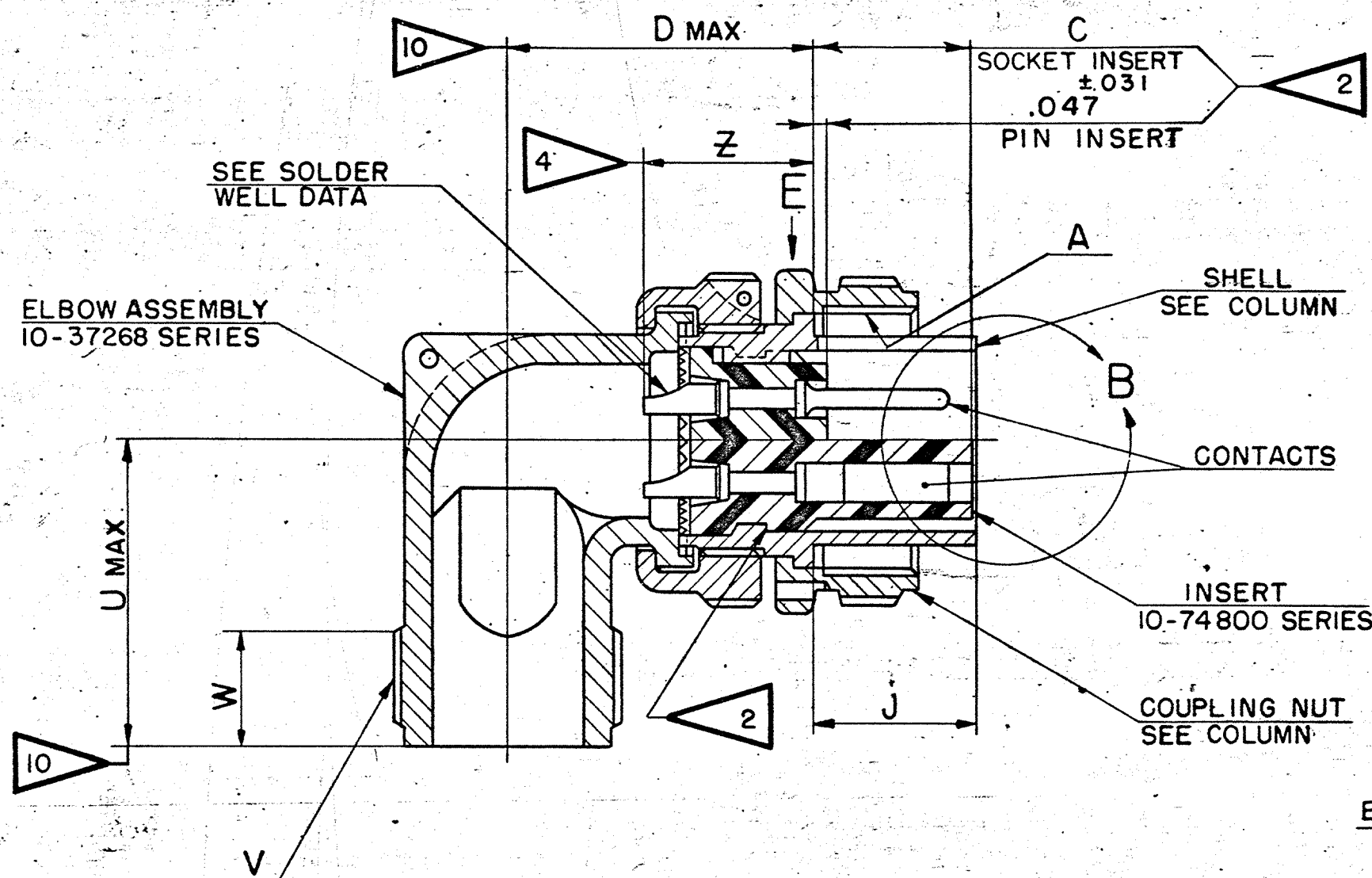
ACCESSORIES
(NOT PART OF STANDARD ASSEMBLY)



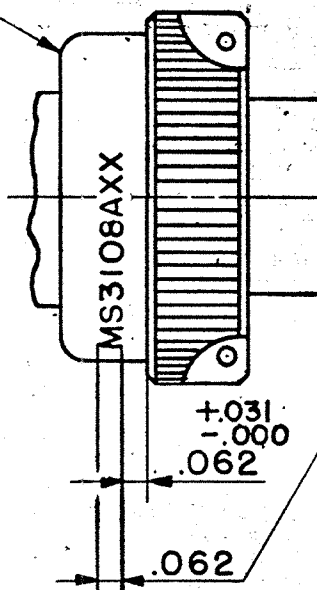
GROMMET
10-40800 SERIES



CABLE CLAMP
10-35900-XX3 SERIES

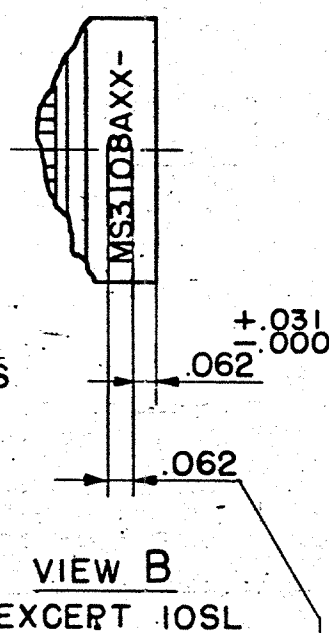


SHELL ASSY
SEE COLUMN

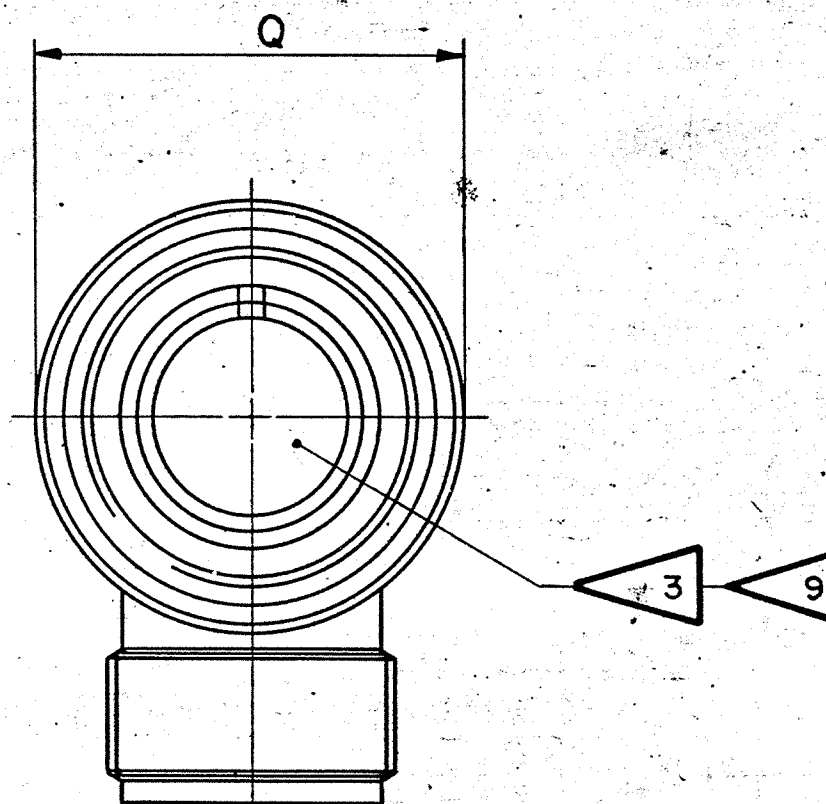


VIEW AT E
IOSL ONLY

STAMP PER 9-2811
EXAMPLE:
MS3108A10SL-3S BENDIX-7139
NUT MUST TURN FREELY
AFTER STAMPING



VIEW B
EXCERPT IOSL



10-168808 THRU
10-168840

STAMP PER 9-2811 MS NUMBER, "BENDIX"
& DATE CODE (9-3895)
OPPOSITE KEYWAY
EXAMPLE:
MS3108A2Q-12S BENDIX-7139
FOR SUFFIX OTHER THAN "P" OR "S",
STAMP PER 9-2437
(SUFFIX OF MS NUMBER ONLY)
EXAMPLE:
MS3108A20-12SX BENDIX-7139

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

SOLDER WELL DATA						
CONTACT SIZE	0	4	8	12		16 M
WELL DIA	469 $\pm$.005	332 $\pm$.005	209 $\pm$.004	116 $\pm$.004		.078 $\pm$.004
WELL DEPTH $\pm$.031	.625	.625	.500	.375		.250

MATERIAL SPEC.	PROCESS SPEC. SEE SHEET 2	SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION SIDNEY, N. Y., U.S.A.						TOLERANCES UNLESS OTHERWISE SPECIFIED			
HEAT TREAT SPEC.	FINISH SPEC.	NAME: CONNECTOR, ELECTRICAL PLUG, TYPE C-1 MC 90°						FRACTIONS $\pm$		ANGLES $\pm$	
								DECIMALS $\pm$.010		CONCENTRICITY FIR	
								SURFACE ROUGHNESS MICRO-INCHES RMS VALUE MAX		WEIGHT-LBS. SEE PARTS LIST	
								NEXT ASSEMBLY		AND IS NOT INTERCHANGEABLE	
								SUPERSEDES		SUPERSEDED BY	
								D'MAN		4-24-57	
								CHECKER		BALANTIN	
								MAT.		10-10-57	
								STDS		5-10-57	
								CH. D'MAN		APPROVED	
								SCALE		NONE	
								TOOL ACC.		COM. REC. 22569-5	
								REF.		10-68808/40	

SEE SHEET 2.
NOTES: REF SYMBOL

REL.	32508-157	WAS	DATE	D'MAN	APPD.
1	33750-58	SEE SHEET 1.	1-22-58	HUDOCK	
2	35826-5	SEE SHEET 1	8-30-59	BARTKOW	
A1	36200-27	SEE SHEET 1	2-11-60	MAKOWSKI	
A2	36325-326	SEE SHEET 1.	3-17-60	GAHAN	
A3	36525-449	SEE SHEET 1	7-7-60	PAWLICK	
A4	42525-45	SEE SHEET 1	10-2-63	MILAR	
A5		SEE SHEET 1 FOR ALL CHANGES			
A6					

ASSEMBLY NO.	MS NO.		DIMENSIONS										DETAILS		
			A THREAD CLASS 2B		C +0.47 - .000	D MAX	J ±.005	Q DIA MAX	U MAX	V THREAD (PLATED) CLASS 2A		W	Z ±.045	SHELL	COUPLING NUT
10-168808-		3108 8S-	.5000-28 UNEF		.531	.896	.531	.741	.750	.5000-28 UNEF		.375	.562	10-37266-8	10-37265-8
10-168810-		10S-	.6250-24 NEF		.531	.927	.531	.869	.750	.5000-28 UNEF				↓ -10	↓ -10
10-168811-		10SL-	.6250-24 NEF		.531	.951	.531	.946	.875	.6250-24 NEF				10-113488-II (SHELL ASSY)	
10-168812-		12S-	.7500-20 UNEF		.531	.956	.531	.995	↓	↓			↓	10-37266-12	10-37265-12
10-168813-		12-	.7500-20 UNEF		.719	1.143	.719	.995	↓	↓			.812	-13	-13
10-168814-		14S-	.8750-20 UNEF		.531	1.120	.531	1.123	1.000	.7500-20 UNEF			.562	-14	-14
10-168815-		14-	.8750-20 UNEF		.719	1.207	.719	1.123	1.000	.7500-20 UNEF			.812	-15	-15
10-168816-		16S-	1.0000-20 UNEF		.531	1.146	.531	1.250	1.062	.8750-20 UNEF			.562	-16	-16
10-168817-		16-	1.0000-20 UNEF		.719	1.332	.719	1.250	1.062	.8750-20 UNEF			.812	-17	-17
10-168818-		18-	1.1250-18 NEF			1.395		1.333	1.188	1.0000-20 UNEF				-18	-18
10-168820-		20-	1.2500-18 NEF			1.645		1.461	1.250	1.1875-18 NEF				-20	-20
10-168822-		22-	1.3750-18 NEF			1.645		1.588	1.312	1.1875-18 NEF				-22	-22
10-168824-		24-	1.5000-18 NEF			1.896		1.715	1.438	1.4375-18 NEF				-24	-24
10-168828-		28-	1.7500-18 NS			1.896		1.968	1.500	1.4375-18 NEF		↓		-28	-28
10-168832-		32-	2.0000-18 NS			2.118		2.209	1.750	1.7500-18 NS		.438		-32	-32
10-168836-		36-	2.2500-16 UN			2.176		2.463	1.875	2.0000-18 NS		.500		36	36
10-168840-		40-	2.5000-16 UN		↓	2.301		2.718	2.031	2.2500-16 UN		.500	↓	↓ -40	↓ -40

10-168808 THRU
10-168840

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- 11.
12. FOR PART NUMBERS 10-168817-13, 10-168818-15, & 61, SEE INDIVIDUAL DRAWINGS 10-168817-13, 10-168818-15, & 61-00000.
13. FOR DIMENSIONS AND STAMPING ON ALL ARRANGEMENTS WITH SUFFIX -50 OR ABOVE, SEE INDIVIDUAL DRAWING OF SAME SHELL SIZE & SUFFIX IN 10-41800 SERIES.
14. INCREASE Z DIMENSION BY .312 FOR SIZE "O" CONTACT ONLY.
15. FOR CONTACT SIZE, SPACING, & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33690.
16. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
17. THE UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MS310.8A PER SPEC MIL-C-5015D.
18. DIMENSIONS INDICATE FINAL INSTALLATION. FOR STORAGE & SHIPPING, ELBOW ASSEMBLY MUST BE LOOSELY COUPLED.
19. INSERTS AND CONTACTS ARE REMOVABLE.
20. ALL LOCKWIRE HOLES ARE .045 DIA MIN.
21. SEE DRAWINGS 10-168008 THRU 10-168040 & 10-168208 THRU 10-168240 FOR REQUIRED MATING RECEPTACLE ASSEMBLIES.
22. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
23. TO COMPLETE ASSEMBLY NUMBER & MS NUMBER, ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437.) TO DETERMINE DESIRED INSERT ARRANGEMENT, SEE PARTS LISTS 10-168808 THRU 10-168840.

NOTES: REF SYMBOL

MATERIAL SPEC.		PROCESS SPEC. 15-1 9-3106-5 ASSY 9-3103-1		SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION SIDNEY, N. Y., U.S.A.				TOLERANCES UNLESS OTHERWISE SPECIFIED			
HEAT TREAT SPEC.		9-2811, 9-2437 9-3895		NAME CONNECTOR, ELECTRICAL PLUG, TYPE C () MC 90°				FRACTIONS ±		ANGLES ±	
TOOL ACC.		COM. REC. 32563-5						DECIMALS ± .010		CONCENTRICITY	
				D'MAN				CHECKER		MAT.	
				S.GREER				B. B. B. B.		W. W. W. W.	
				4-25-57				5-9-57		5-10-57	
				NONE				SCALE		SUPERSEDES	
								SUPERSEDED BY		10-168808 THRU 10-168840	
								REF.		10-68808/40	