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TABLE I

PART NUMBER	NOM. DIA.	A	C MAX.	D DIA.	F DRIVING FLATS	H MAX.	J DIA. MAX.	K MAX.	N MIN.	R RAD.	HOLE SIZE	BREAK-OFF LIMITS	PREVAILING TORQUE IN. LBS. MIN.	DOUBLE SHEAR STRENGTH LBS. MIN.	TENSILE STRENGTH LBS. MIN.
PLT 1069-6-(*)	.2290	.312 .305	.364	.2300 .2290	.104 .099	.113	.315	.333	.340	.025 .015	.233 .230	+0.098 +.010	1.5	4600	1400
PLT 1069-8-(*)	.2900	.375 .367	.398	.2910 .2890	.135 .130	.135	.401	.366	.409	.025 .015	.294 .291	+1.135 +.047	2.5	7900	2100
PLT 1069-10-(*)	.3415	.437 .429	.482	.3425 .3405	.152 .147	.160	.442	.447	.479	.030 .015	.346 .343	+1.146 +.043	3.5	11350	3600
PLT 1069-12-(*)	.4045	.500 .491	.567	.4055 .4035	.185 .180	.190	.531	.537	.548	.030 .015	.409 .406	+1.152 +.049	4.0	16450	5600

(*) SEE TABLE II FOR SECOND DASH NUMBER AND APPROVED CALLOUT.

TABLE II

SECOND DASH NUMBER	G GRIP	GRIP RANGE		L REF.				SECOND DASH NUMBER	G GRIP	GRIP RANGE		L REF.			
		PLT1069		PLT1069						PLT1069		PLT1069			
		MIN.	MAX.	-6-(*)	-8-(*)	-10-(*)	-12-(*)			MIN.	MAX.	-6-(*)	-8-(*)	-10-(*)	-12-(*)
-1	.093	.031	.093	.874	-	-	-	-17	1.094	1.032	1.094	1.874	1.944	2.096	2.242
-2	.156	.094	.156	.936	1.006	1.158	-	-18	1.156	1.095	1.156	1.936	2.006	2.158	2.304
-3	.219	.157	.219	.999	1.069	1.221	1.367	-19	1.219	1.157	1.219	1.999	2.069	2.221	2.367
-4	.281	.220	.281	1.061	1.131	1.283	1.429	-20	1.281	1.220	1.281	2.061	2.131	2.283	2.429
-5	.344	.282	.344	1.124	1.194	1.346	1.492	-21	1.344	1.282	1.344	2.124	2.194	2.346	2.492
-6	.406	.345	.406	1.186	1.256	1.408	1.554	-22	1.406	1.345	1.406	2.186	2.256	2.408	2.554
-7	.469	.407	.469	1.249	1.319	1.471	1.617	-23	1.469	1.407	1.469	2.249	2.319	2.471	2.617
-8	.531	.470	.531	1.311	1.381	1.533	1.679	-24	1.531	1.470	1.531	2.311	2.381	2.533	2.679
-9	.594	.532	.594	1.374	1.444	1.596	1.742	-25	1.594	1.532	1.594	2.374	2.444	2.596	2.742
-10	.656	.595	.656	1.436	1.506	1.658	1.804	-26	1.656	1.595	1.656	2.436	2.506	2.658	2.804
-11	.719	.657	.719	1.499	1.569	1.721	1.867	-27	1.719	1.657	1.719	2.499	2.569	2.721	2.867
-12	.781	.720	.781	1.561	1.631	1.783	1.929	-28	1.781	1.720	1.781	2.561	2.631	2.783	2.929
-13	.844	.782	.844	1.624	1.694	1.846	1.992	-29	1.844	1.782	1.844	2.624	2.694	2.846	2.992
-14	.906	.845	.906	1.686	1.756	1.908	2.054	-30	1.906	1.845	1.906	2.686	2.756	2.908	3.054
-15	.969	.907	.969	1.749	1.819	1.971	2.117	-31	1.969	1.907	1.969	2.749	2.819	2.971	3.117
-16	1.031	.970	1.031	1.811	1.881	2.033	2.179	-32	2.031	1.970	2.031	2.811	2.881	3.033	3.179

Fairchild
 CODE IDENT. NO.
92215

▲ "G" TOLERANCES: FOR -6 SIZE +.030/-.010; FOR -8 & -10 SIZES +.040/-.010; FOR -12 SIZE +.050/-.010.

U.S. PATENT NO. 3643544, OTHER PATENTS PENDING.

APPROVED DATE
 26 OCTOBER 1977

REV. LETTER AND DATE
 ① 08-24-98

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TITLE
VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE TITANIUM PROTRUDING HEX HEAD, SELF LOCKING 1/32" OVERSIZE

MONOGRAM
 CODE IDENT. NO.
98524

STANDARD
PLT 1069
SHEET 1 OF 2

PROCUREMENT SPEC. : ESCBB-9, CLASS 2, EXCEPT AS SPECIFIED HEREIN.
 MATERIAL : NUT & SCREW : 6AL-4V TITANIUM PER AMS 4928 OR AMS 4967.
 SLEEVE : CORROSION RESISTANT STEEL.
 HEAT TREAT : NUT & SCREW : HEAT TREAT PER MIL-H-81200. MAX. HYDROGEN 125 PPM.
 SLEEVE : AS REQUIRED FOR PERFORMANCE.

9 FINISH & "—" NUT & SCREW : NONE.
 SLEEVE : PASSIVATE PER QQ-P-35 (MIL-S-5002).
 "L" NUT : ALUMINUM COAT PER NAS4006.
 SCREW : NONE.
 SLEEVE : PASSIVATE PER QQ-P-35 (MIL-S-5002) AND ALUMINUM COAT PER NAS4006.

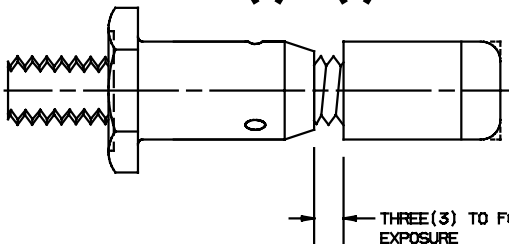
9 LUBRICANT : LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE: DRY FILM LUBE M₂, WWM-CARBO WAX, CETYL ALCOHOL AND/OR PARAFFIN WAX.

PART CODE & EXAMPLE : PLT1069 - 8 - 8

 GRIP LENGTHS IN 1/16THS (SEE TABLE II).
 NOMINAL BODY DIAMETER AS TABULATED
 FINISH CODE
 BASIC PART NUMBER, SELF LOCKING BLIND FASTENER.

- GENERAL NOTES :
- 1.) OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM "D" DIAMETER.
 - 2.) CONCENTRICITY OF NUT HEAD CONICAL SURFACE TO "D" DIAMETER SHALL BE WITHIN .005 T.I.R. (EXCEPT OVER INDENTS).
 - 3.) REMOVE ALL LOOSE OR HANGING BURRS.
 4. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040 ABOVE THE INTERSECTION OF THE NUT NOSE ANGLE AND O.D. (MEAN GRIP OF FASTENER).
 - 5.) HEAD MARKINGS ON NUT DEPRESSED .010 MAX.
 6. STANDARD GRIP LENGTHS ARE SHOWN IN TABLE II, SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE BREAKOFF LIMITS AND PREVAILING TORQUE VALUES SHOWN IN TABLE I DO NOT APPLY.
 7. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBER.
 EXAMPLE: PLT 1069-6-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = .281 THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP + .031/-.030. THE BASIC "G" DIMENSION WILL BE NOMINAL GRIP + .031 AND THE OVERALL SCREW LENGTH "L" DIMENSION MAY VARY AT MANUFACTURER'S OPTION.
 8. DISTORTION OF "D" DIAMETER SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND DIAMETER EQUAL TO "D" MAX. + .001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS.
 9. STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.

PLT1069SA-()-()



PLT1069SA - 8 - 8

 GRIP LENGTHS IN 1/16THS (SEE TABLE II).
 NOMINAL BODY DIAMETER AS TABULATED
 FINISH CODE
 BASIC PART NUMBER, SELF LOCKING BLIND FASTENER.
 PARTIALLY DISASSEMBLED FOR SEALANT APPLICATION

Fairchild
 CODE IDENT. NO.
92215

NOTE:
 DUE TO SEALANT VARIABLE EFFECT ON INSTALLATION, ACTUAL BREAK-OFF LIMITS FOR "SA" PARTS, IF MEASUREMENT IS WITHIN .004" OUTSIDE THE TABULATED RANGE, SHALL NOT BE SUBJECT TO REJECTION. IT PERTAINS TO PARTS PREVIOUSLY QUALIFIED AS NON "SA" PARTS.

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**VISU-LOK, FASTENER, BLIND
 INTERNALLY THREADED, EXTERNAL SLEEVE
 TITANIUM
 PROTRUDING HEX HEAD, SELF LOCKING
 1/32" OVERSIZE**

STANDARD
PLT 1069
SHEET 2 OF 2