

PART NUMBER	NOM DIA.	A THEO DIA.	A' DIA. MIN.	C MAX.	D DIA.	F DRIVING FLATS	H REF.	J DIA. MAX.	K MAX.	R RAD.	S MAX.	V GAGE PROT.	W GAGE DIA.	BREAK-OFF LIMITS	PREVAILING TORQUE IN. LBS. MIN.	SHEAR STRENGTH LBS. MIN.	TENSILE STRENGTH LBS. MIN.
PLT1061-05-(-)	.1635	.290 .282	.253	.268	.1645 .1625	.086 .081	.051	.244	.257	.030 .010	.012	.0302 .0258	.2195 .2193	+0.020 -.068	1.0	3150	900
PLT1061-06-(-)	.1980	.357 .349	.313	.303	.1990 .1970	.104 .099	.065	.300	.288	.030 .015	.015	.0385 .0338	.2671 .2669	+0.015 -.073	1.5	4600	1400
PLT1061-08-(-)	.2590	.480 .472	.436	.354	.2600 .2580	.135 .130	.091	.384	.320	.030 .015	.015	.0458 .0408	.3731 .3729	+0.010 -.078	2.5	7900	2100
PLT1061-10-(-)	.3105	.568 .559	.510	.423	.3115 .3095	.152 .147	.107	.427	.396	.040 .020	.020	.0582 .0524	.4320 .4318	+0.010 -.083	3.5	11350	3600
PLT1061-12-(-)	.3735	.698 .688	.632	.510	.3745 .3725	.185 .180	.134	.516	.473	.040 .020	.023	.0654 .0589	.5451 .5449	+0.010 -.093	4.0	16450	5600

SECOND DASH NUMBER	G GRIP	GRIP RANGE		L REF.				
		MIN	MAX	PLT1061				
				-05-(-)	-06-(-)	-08-(-)	-10-(-)	-12-(-)
-	-	-	-	-	-	-	-	-
-02	.156	.094	.156	.733	.853	-	-	-
-03	.219	.157	.219	.795	.916	.944	-	-
-04	.281	.220	.281	.858	.978	1.006	1.158	1.242
-05	.344	.282	.344	.920	1.041	1.069	1.221	1.304
-06	.406	.345	.406	.983	1.103	1.131	1.283	1.367
-07	.469	.407	.469	1.045	1.166	1.194	1.346	1.429
-08	.531	.470	.531	1.108	1.228	1.256	1.408	1.492
-09	.594	.532	.594	1.170	1.291	1.319	1.471	1.554
-10	.656	.595	.656	1.233	1.353	1.381	1.533	1.617
-11	.719	.657	.719	1.295	1.416	1.444	1.596	1.679
-12	.781	.720	.781	1.358	1.478	1.506	1.658	1.742
-13	.844	.782	.844	1.420	1.541	1.569	1.721	1.804
-14	.906	.845	.906	1.483	1.603	1.631	1.783	1.867
-15	.969	.907	.969	1.545	1.666	1.694	1.846	1.929
-16	1.031	.970	1.031	1.608	1.728	1.756	1.908	1.992

SECOND DASH NUMBER	G GRIP	GRIP RANGE		L REF.				
		MIN	MAX	PLT1061				
				-05-(-)	-06-(-)	-08-(-)	-10-(-)	-12-(-)
-17	1.094	1.032	1.094	1.791	1.819	1.971	2.054	
-18	1.156	1.095	1.156	1.853	1.881	2.033	2.117	
-19	1.219	1.157	1.219	1.916	1.944	2.096	2.179	
-20	1.281	1.220	1.281	1.978	2.006	2.158	2.242	
-21	1.344	1.282	1.344	2.041	2.069	2.221	2.304	
-22	1.406	1.345	1.406	2.103	2.131	2.283	2.367	
-23	1.469	1.407	1.469	2.166	2.194	2.346	2.429	
-24	1.531	1.470	1.531	2.228	2.256	2.408	2.492	
-25	1.594	1.532	1.594	2.291	2.319	2.471	2.554	
-26	1.656	1.595	1.656	2.353	2.381	2.533	2.617	
-27	1.719	1.657	1.719	2.416	2.444	2.596	2.679	
-28	1.781	1.720	1.781	2.478	2.506	2.658	2.742	
-29	1.844	1.782	1.844	2.541	2.569	2.721	2.804	
-30	1.906	1.845	1.906	2.603	2.631	2.783	2.867	
-31	1.969	1.907	1.969	2.666	2.694	2.846	2.929	
-32	2.031	1.970	2.031	2.728	2.756	2.908	2.992	

▲ "G" TOLERANCE: FOR -05 AND -06 SIZES +.030/-0.010; FOR -08 & -10 SIZES +.040/-0.010; FOR -12 SIZES +.050/-0.010.



PROCUREMENT SPEC: ESCBB-9, CLASS 1, EXCEPT AS SPECIFIED HEREIN.

MATERIAL:

NUT, SCREW & SLEEVE: 6AL-4V TITANIUM PER AMS4928 OR AMS4967. CORROSION RESISTANT STEEL

HEAT TREAT:

NUT & SCREW: HEAT TREAT PER AMS-H-81200 MAX. HYDROGEN 125 PPM.
SLEEVE: AS REQUIRED FOR PERFORMANCE.

FINISH: Δ

" - " NUT & SCREW: NONE
SLEEVE: PASSIVATE PER AMS2700

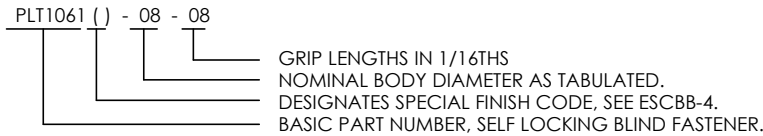
" L " NUT: ALUMINUM COAT (.0002 - .0007 THICK) PER NAS4006.
SLEEVE: PASSIVATE PER AMS2700 ALUMINUM COAT (.0002-.0007 THICK) PER NAS 4006.
SCREW: NONE.

LUBRICANT: Δ

LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE:

DRY FILM LUBE PER AS5272 OR MIL-PRF-81329 OR AS81329, WWM CARBO-WAX, PARAFFIN WAX AND/OR CETYL ALCOHOL PER MIL-L-87132.

PART CODE & EXAMPLE:



GENERAL NOTES:

1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT EXCEED 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. MANUFACTURER'S IDENTIFICATION:
LETTER "N" DESIGNATES MONOGRAM AEROSPACE FASTENERS.
LETTERS "VS" DESIGNATE FAIRCHILD.
6. HEAD MARKINGS ON NUT DEPRESSED .010" MAX. LOCATION OPTIONAL.
7. STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.
8. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.

EXAMPLE: PLT1061-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281".
THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP +.031"/-.030".
EXCEPT: THE GRIP RANGE FOR -1.5 GRIP SHALL BE MAX GRIP = 0.125", MIN GRIP = 0.078".
THE BASIC "G" DIMENSION WILL BE NOMINAL GRIP +.031" AND THE OVERALL SCREW LENGTH "L" DIMENSION MAY VARY AT MANUFACTURER'S OPTION.

9. STANDARD GRIP LENGTHS ARE SHOWN AS TABULATED, SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE BREAKOFF AND PREVAILING TORQUES DO NOT APPLY.
10. 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 MAXIMUM "D" + .001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS.
11. DIMENSIONS "A", "A'", AND "H" ARE FOR ENGINEERING REFERENCE PURPOSES ONLY AND ARE NOT TO BE USED FOR INSPECTION PURPOSES. THESE DIMENSIONS ARE THEORETICAL VALUES DERIVED FROM "D", "S", "V", "W" AND HEAD ANGLE DIMENSIONS.
12. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.

3423 SOUTH GARFIELD AVENUE
COMMERCE, CALIFORNIA 90040
(323) 722-4760 FAX (323) 727-1029

TITLE:
VISU-LOK, FASTENER, BLIND
INTERNALLY THREADED, EXTERNAL SLEEVE
TITANIUM
FLUSH SHEAR HEAD, SELF-LOCKING

DRAWING NO:
PLT1061 () - () - ()

DRAWN BY: B. GEE
DRAWN DATE: 10/07/13

APPROVED BY: _____
CHECKED DATE: _____

PROPRIETARY AND CONFIDENTIAL:
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SHEET 2 OF 2