

PART NUMBER	NOM. DIAM.		A HEX.		C MAX.		D DIA.		F FLATS		H HEAD HEIGHT		J DIA. MAX.		K MAX.		L REF.		N. MIN.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT1069-06-(-)	.2290	5,817	.312 .305	7,92 7,75	.364	9,25	.2300 .2280	5,84 5,79	.104 .099	2,64 2,51	.113 .074	2,87 1,88	.315	8,00	.333	8,46	.780	19,81	.340	8,64
PLT1069-08-(-)	.2900	7,366	.375 .367	9,52 9,32	.398	10,11	.2910 .2890	7,39 7,34	.135 .130	3,43 3,30	.135 .084	3,43 2,13	.401	10,19	.366	9,30	.850	21,59	.409	10,39
PLT1069-10-(-)	.3415	8,674	.437 .429	11,10 10,90	.482	12,24	.3425 .3405	8,70 8,65	.152 .147	3,86 3,73	.160 .106	4,06 2,69	.442	11,23	.447	11,35	1.002	25,45	.479	12,17
PLT1069-12-(-)	.4045	10,273	.500 .491	12,70 12,47	.567	14,40	.4055 .4035	10,30 10,25	.185 .180	4,70 4,57	.190 .127	4,83 3,23	.531	13,49	.527	13,39	1.148	29,16	.548	13,92

PART NUMBER	R RAD.		BREAK-OFF LIMITS		MINIMUM AVAILABLE GRIP LENGTH	HOLE SIZE		PREVAILING TORQUE MIN.		DOUBLE SHEAR STRENGTH MIN.		TENSILE STRENGTH MIN.	
	INCH	mm	INCH	mm		INCH	mm	IN-LB	Nm	LBS.	N	LBS.	N
PLT1069-06-(-)	.025 .015	0,63 0,38	+0,098 +0,010	+2,49 +0,25	-01	.233 .230	5,92 5,84	1.5	0,170	4600	20460	1400	6230
PLT1069-08-(-)	.025 .015	0,63 0,38	+1,135 +0,047	+3,43 +1,19	-02	.294 .291	7,47 7,39	2.5	0,282	7900	35140	2100	9340
PLT1069-10-(-)	.030 .015	0,76 0,38	+1,146 +0,043	+3,71 +1,09	-02	.346 .343	8,79 8,71	3.5	0,400	11350	50480	3600	16010
PLT1069-12-(-)	.030 .015	0,76 0,38	+1,152 +0,049	+3,86 +1,24	-03	.409 .406	10,39 10,32	4.0	0,452	16450	73170	5600	24910

▲ "G" TOLERANCE: FOR -06 SIZES +.030/-0.010; FOR -08 & -10 SIZES +.040/-0.010; FOR -12 SIZES +.050/- .010.



PROCUREMENT SPEC: ESCBB-9, CLASS 2, EXCEPT AS SPECIFIED HEREIN.

MATERIAL:

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

HEAT TREAT:

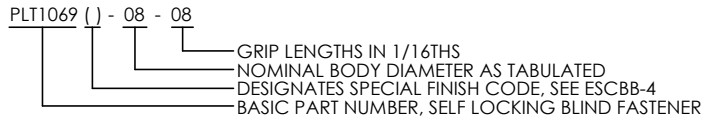
NUT & SCREW: HEAT TREAT PER AMS-H-81200. MAX. HYDROGEN 125 PPM.  
SLEEVE: AS REQUIRED FOR PERFORMANCE.

FINISH :

"-" NUT & SCREW: NONE.  
SLEEVE: PASSIVATE PER AMS2700.  
"L" NUT: ALUMINUM COAT PER NAS4006.  
SLEEVE: NONE.  
SCREW: PASSIVATE PER AMS2700 AND ALUMINUM COAT PER NAS4006.

LUBRICANT : SOLID DRY FILM LUBRICANT PER THE CHEMICAL REQUIREMENTS OF AS5272 TYPE I OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN WAX, CETYL ALCOHOL PER AS87132 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE, (SEE ESCBB-4 FOR SPECIAL LUBRICANTS AND FINISHES).

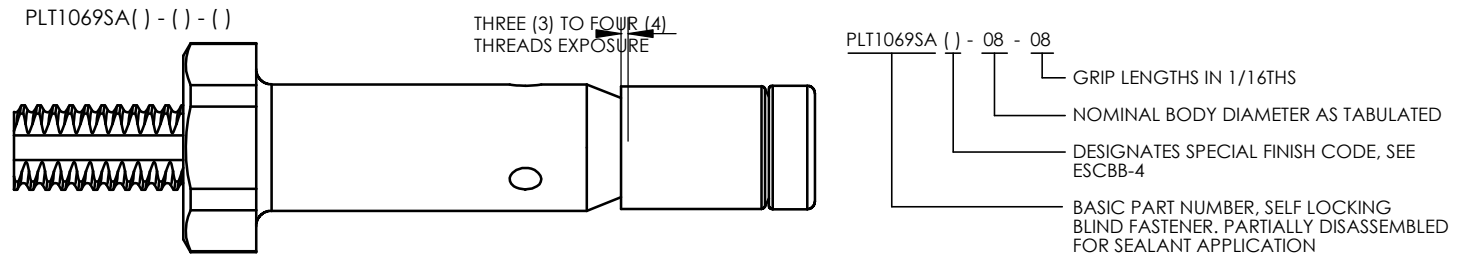
PART CODE & EXAMPLE:



GENERAL NOTES:

1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT EXCEED MAXIMUM "D" DIAMETER.
2. HEAD MARKINGS ON NUT DEPRESSED .010 MAX.
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. STANDARD GRIP LENGTHS ARE AS TABULATED. SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE BREAKOFF LIMITS AND PREVAILING TORQUES AS TABULATED DO NOT APPLY.
6. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.  
PLT1069-06-4.5 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.
7. 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.

SECOND DASH NUMBER	G GRIP		GRIP RANGE			
	INCH	mm	MIN INCH	MIN mm	MAX INCH	MAX mm
-01	.093	2,36	.032	0,81	.093	2,36
-02	.156	3,96	.094	2,39	.156	3,96
-03	.219	5,56	.157	3,99	.219	5,56
-04	.281	7,14	.220	5,59	.281	7,14
-05	.344	8,74	.282	7,16	.344	8,74
-06	.406	10,31	.345	8,76	.406	10,31
-07	.469	11,91	.407	10,34	.469	11,91
-08	.531	13,49	.470	11,94	.531	13,49
-09	.595	15,11	.532	13,51	.595	15,11
-10	.656	16,66	.595	15,11	.656	16,66
-11	.719	18,26	.657	16,69	.719	18,26
-12	.781	19,84	.720	18,29	.781	19,84
-13	.844	21,44	.782	19,86	.844	21,44
-14	.906	23,01	.845	21,46	.906	23,01
-15	.969	24,61	.907	23,04	.969	24,61
-16	1,031	26,19	.970	24,64	1,031	26,19
-17	1,094	27,79	1,032	26,21	1,094	27,79
-18	1,156	29,36	1,095	27,81	1,156	29,36
-19	1,219	30,96	1,157	29,39	1,219	30,96
-20	1,281	32,54	1,220	30,99	1,281	32,54
-21	1,344	34,14	1,282	32,56	1,344	34,14
-22	1,406	35,71	1,345	34,16	1,406	35,71
-23	1,469	37,31	1,407	35,74	1,469	37,31
-24	1,531	38,89	1,470	37,34	1,531	38,89
-25	1,594	40,49	1,532	38,91	1,594	40,49
-26	1,656	42,06	1,595	40,51	1,656	42,06
-27	1,719	43,66	1,657	42,09	1,719	43,66
-28	1,781	45,24	1,720	43,69	1,781	45,24
-29	1,844	46,84	1,782	45,26	1,844	46,84
-30	1,906	48,41	1,845	46,86	1,906	48,41
-31	1,969	50,01	1,907	48,44	1,969	50,01
-32	2,031	51,59	1,970	50,04	2,031	51,59



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.

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

TITLE:  
VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE TITANIUM PROTRUDING HEX HEAD, SELF LOCKING 1/32" O/S TO PLT270; 1/64" O/S TO PLT271

DRAWING NO:  
PLT1069 ( ) - ( ) - ( )

DRAWN BY: B. GEE  
DRAWN DATE: 01/04/14

APPROVED BY:  
CHECKED DATE:

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