



PART NUMBER	NOM DIA.		A HEX.		B RADIUS REF.		C MAX.		D DIA.		F DRIVING FLATS		H REF.		J DIA. MAX.		K MAX.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT1007-06-()	.214	5,44	.346	8,79	.186	4,73	.328	8,33	.215	5,46	.104	2,64	.113	2,87	.300	7,62	.312	7,92

PART NUMBER	M		R RAD.		T FLAT REF.		HOLE SIZE		BREAK-OFF LIMITS		PREVAILING TORQUE MIN.		DOUBLE SHEAR STRENGTH MIN.		TENSILE STRENGTH MIN.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	IN-LBS	Nm	LBS.	N	LBS.	N
PLT1007-06-()	.030	0,76	.025	0,64	.156	3,96	.218	5,13	+0,098	+2,49	1.0	0,113	3100	13780	950	4230

SECOND DASH NUMBER	G GRIP		GRIP RANGE				L REF.	
			MIN.	MAX.	MIN.	MAX.		
	INCH	mm	INCH	mm	INCH	mm	INCH	mm
-02	.156	3,96	.094	2,36	.156	3,96	.936	23,77
-03	.219	5,56	.157	3,99	.219	5,56	.999	25,37
-04	.281	7,14	.220	5,59	.281	7,14	1.061	26,95
-05	.344	8,74	.282	7,16	.344	8,74	1.124	28,55
-06	.406	10,31	.345	8,76	.406	10,31	1.186	30,12
-07	.469	11,91	.407	10,34	.469	11,91	1.249	31,72
-08	.531	13,49	.470	11,94	.531	13,49	1.311	33,30
-09	.594	15,09	.532	13,51	.594	15,09	1.374	34,90
-10	.656	16,66	.595	15,11	.656	16,66	1.436	36,47
-11	.719	18,26	.657	16,69	.719	18,26	1.499	38,07
-12	.781	19,84	.720	18,29	.781	19,84	1.561	39,65

▲ "G" TOLERANCE: -06 SIZES +.030"/-.010" (+0,762/-0,254)



PROCUREMENT SPEC: ESCBB-2 CLASS 3, EXCEPT AS SPECIFIED HEREIN.

MATERIAL: NUT: ALUMINUM ALLOY 7075-T6 PER AMS-QQ-A-225/9.
 SCREW: ALLOY STEEL 4130 PER AMS-S-6758, 4140 PER AMS6382 OR AMS6349 OR 8740 PER AMS6322.
 SLEEVE: CORROSION RESISTANT STEEL: 303 OR 304 PER AMS-QQ-S-763, AMS5639 OR AMS5641.

HEAT TREAT: NUT: NONE.
 SCREW: HEAT TREAT PER AMS2759, APPROXIMATELY 180,000 TO 200,000 PSI TENSILE (HRC 39-43).
 SLEEVE: AS REQUIRED FOR PERFORMANCE.

FINISH: NUT: ANODIZE PER MIL-A-8625, TYPE II, (CLEAR).
 SCREW: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. CADMIUM PLATE PER NAS672 IS PERMISSIBLE PROVIDED IT IS FOLLOWED BY A DICHROMATE POST TREATMENT PER AMS-QQ-P-416.
 SLEEVE: PASSIVATE PER AMS2700. CADMIUM PLATE PER AMS-QQ-P-416, TYPE I, CLASS 3.

LUBRICANT: LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE.
 NUT: WWM CARBO-WAX, CETYL ALCOHOL PER AS87132, AND/OR PARAFFIN WAX.
 SCREW & SLEEVE: DRY FILM LUBE PER AS5272 OR MIL-PRF-81329, WWM CARBO-WAX, PARAFFIN WAX, AND OR CETYL ALCOHOL PER AS87132.

PART CODE & EXAMPLE: PLT1007 - 06 - 06

GRIP LENGTHS IN 1/16THS
 NOMINAL BODY DIAMETER AS TABULATED
 BASIC PART NUMBER, 1/64" OVERSIZE, SELF-LOCKING BLIND FASTENER

GENERAL NOTES:

1. TAPERED END OF NUT SHALL NOT FALL WITHIN MAXIMUM GRIP.
2. REMOVE ALL LOOSE OR HANGING BURRS.
3. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT EXCEED MAXIMUM "D" DIAMETER.
4. BEARING SURFACE OF HEAD OF NUT SHALL BE AT RIGHT ANGLE TO THE SHANK WITHIN 1/2".
5. TEMPERATURE LIMITATION: 250°F MAX.
6. 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).
7. STANDARD FINISHES AND LUBES ARE SHOWN ABOVE. REFER TO ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBES, IF REQUIRED.
8. MANUFACTURER'S IDENTIFICATION: (OPTIONAL)
 LETTER "N" DESIGNATES MONOGRAM AEROSPACE FASTENERS.
 LETTERS "VS" DESIGNATE VOI-SHAN.
9. 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" MAX + .002". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22.23 NEWTONS).
10. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
 EXAMPLE: PLT1007-06-4.5 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" (+0.79/-0.79mm).
 THE BASIC "G" DIMENSION WILL BE MAXIMUM GRIP +.031" (±0.79) AND THE OVERALL SCREW LENGTH "L" DIMENSION MAY VARY AT MANUFACTURER'S OPTION.
11. 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.
12. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.
13. HEAD MARKINGS DEPRESSED .010" (0,254 mm MAX.), POSITION OPTIONAL.



TITLE: VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE ALUMINUM NUT PROTRUDING DOMED HEAD, SELF-LOCKING 1/64" OVERSIZE

DRAWING NO: PLT1007-()-()	
DRAWN BY: G.MARTINEZ	DRAWN DATE: 07-27-13
APPROVED BY:	CHECKED DATE:

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