

TABLE I

PART NUMBER	Ø NOM		Ø A THEO		Ø A' MIN		C MAX		Ø D		F WRENCH FLATS		(H)		Ø J MAX		K MAX		M		R. R	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT6001-06-(-)	.198	5,03	.389	9,88	.346	8,79	.303	7,70	.199	5,05	.104	2,64	.055	1,40	.300	7,62	.281	7,14	.250	6,35	.030	0,76
									.197	5,00	.099	2,51					.230	5,84		5,84	.015	0,38

TABLE I (CONTINUED)

PART NUMBER	V (GAGE PROTRUSION)		Ø W (GAGE)		BREAK-OFF LIMITS		MINIMUM AVAILABLE GRIP LENGTH (TABLE II)	HOLE SIZE		SEATING TORQUE MIN		PREVAILING TORQUE MIN		DOUBLE SHEAR STRENGTH MIN		TENSILE STRENGTH MIN		PRELOAD MIN	
	INCH	mm	INCH	mm	INCH	mm		INCH	mm	IN-LBS	N-m	IN-LBS	N-m	LBS	N	LBS	N	LBS	N
PLT6001-06-(-)	.0440	1,118	.2440	6,198	+0,72	+1,85	-02	.202	5,13	6	0,68	1.5	0,170	5240	23300	1400	6230	420	1900
	.0398	1,011	.2438	6,193	-0,16	-0,38		.199	5,05										



APPLICABLE SPECIFICATIONS:
 PROCUREMENT SPECIFICATION: PLT5000, CLASS 1, TYPE I, EXCEPT AS NOTED HEREIN
 PART NUMBER ASSIGNMENT: PLT5001
 INSTALLATION AND REMOVAL: PLT5002
 SPECIAL LUBE AND FINISH: PLT5003

MATERIAL:

NUT AND SCREW: ALLOY STEEL 4130 PER AMS-S-6758, ALLOY STEEL 4140 PER AMS6382 OR AMS6349 OR ALLOY STEEL 8740 PER AMS6322.
 SLEEVE: CRES 303 PER AMS5639 OR CRES 304 PER AMS5641.
 DRIVE NUT: MILD STEEL.

HEAT TREAT:

NUT AND SCREW: HEAT TREAT TO 39-43 HRC PER AMS2759.
 SLEEVE: AS REQUIRED FOR PERFORMANCE.
 DRIVE NUT: AS REQUIRED FOR PERFORMANCE.

FINISH:

NUT AND SCREW: CADMIUM PLATED 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 PLATED PER AMS-QQ-P-416, TYPE I, CLASS 3.
 DRIVE NUT: CORROSION RESISTANT COATING, COLOR GOLD.

LUBRICATION:

NO CODE (): SOLID DRY FILM LUBRICANT PER THE CHEMICAL REQUIREMENTS OF AS5272 TYPE I OR EVERLUBE 812 PER MIL-PRF-81329, WWM CARBO-WAX, PARAFFIN WAX, CETYL ALCOHOL PER AS87132 AND/OR BOELUBE SOLUTION 70100, 70101, 70102, 70103 OR 70104 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE. (SEE PLT5003 FOR SPECIAL LUBRICANTS AND FINISHES).

EXAMPLE PART NUMBER:

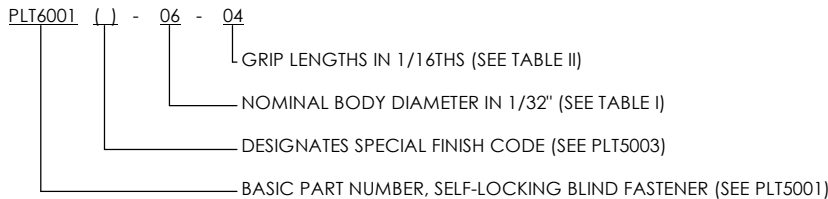


TABLE II

2ND DASH NO. △	GRIP RANGE					
	GRIP MIN		GRIP MAX		(G)	
	INCH	mm	INCH	mm	INCH	mm
-02	.094	2.39	.156	3.96	.163	4.14
-03	.157	3.99	.219	5.56	.226	5.74
-04	.220	5.59	.281	7.14	.288	7.32
-05	.282	7.16	.344	8.74	.351	8.92
-06	.345	8.76	.406	10.31	.413	10.49
-07	.407	10.34	.469	11.91	.476	12.09
-08	.470	11.94	.531	13.49	.538	13.67
-09	.532	13.51	.594	15.09	.601	15.27
-10	.595	15.11	.656	16.66	.663	16.84
-11	.657	16.69	.719	18.26	.726	18.44
-12	.720	18.29	.781	19.84	.788	20.02
-13	.782	19.86	.844	21.44	.851	21.62
-14	.845	21.46	.906	23.01	.913	23.19
-15	.907	23.04	.969	24.61	.976	24.79
-16	.970	24.64	1.031	26.19	1.038	26.37
-17	1.032	26.21	1.094	27.79	1.101	27.97
-18	1.095	27.81	1.156	29.36	1.163	29.54
-19	1.157	29.39	1.219	30.96	1.226	31.14
-20	1.220	30.99	1.281	32.54	1.288	32.72

GENERAL NOTES:

1. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120 ° APART ON THE PERIPHERY OF THE NUT COMPONENT.
2. HALF GRIP SIZES MAY BE ORDERED BY ADDING ".5" TO THE GRIP DASH NUMBER. EXAMPLE: PLT6001-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = .281" [7.14 mm] AND A GRIP RANGE OF .250" [6.35 mm] THRU .312" [7.92 mm].
3. SEE PLT6002 FOR A CRES A286 VERSION OF THIS FASTENER.
4. PLT6001-()-() BLIND FASTENER IS NOT RECOMMENDED FOR TENSION FATIGUE LOADED APPLICATIONS.
5. DISTORTION OF "ØD" PERMISSIBLE IN LOCKING AREA. DISTORTION OF "ØD" SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND DIAMETER EQUAL TO MAXIMUM "ØD" + .001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS [22.23 N].
6. HEAD MARKINGS ON NUT DEPRESSED .010 INCH [0.254 mm] MAXIMUM. POSITION OPTIONAL.
7. DRIVE NUT NOT SHOWN FOR CLARITY OF HEAD MARKINGS.



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

TITLE:

VISU-LOK® II, FASTENER, BLIND,
 120° FLUSH SHEAR HEAD,
 NOMINAL DIAMETER, ALLOY STEEL

DRAWING NO:

PLT6001 ()-()-()

DRAWN BY:

A PEREZ

DRAWN DATE:

02/23/2014

APPROVED BY:

CHECKED DATE:

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 SHEET 2 OF 2