

TABLE I

PART NUMBER	$\phi$ NOM		$\phi$ A THEO		$\phi$ A' MIN		C MAX		$\phi$ D		F WRENCH FLATS		(H)		$\phi$ 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										
PLT6002-06-( )	.198	5,03	.389	9,88	.346	8,79	.328	8,33	.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	.015	0,38

TABLE I (CONTINUED)

PART NUMBER	V (GAGE PROTRUSION)		$\phi$ W (GAGE)		BREAK-OFF LIMITS		MINIMUM AVAILABLE GRIP LENGTH (TABLE II)	HOLE SIZE		PREVAILING TORQUE MIN		DOUBLE SHEAR STRENGTH MIN		TENSILE STRENGTH MIN		PRELOAD MIN	
	INCH	mm	INCH	mm	INCH	mm		INCH	mm	IN-LBS	Nm	LBS	N	LBS	N	LBS	N
PLT6002-06-( )	.0440	1,118	.2440	6,198	+0,72	+1,85	-02	.202	5,13	1.5	0,170	4600	20460	1400	6230	420	1900



APPLICABLE SPECIFICATIONS:  
 PROCUREMENT SPECIFICATION: PLT5000, CLASS 2, TYPE I, EXCEPT AS NOTED HEREIN  
 PART NUMBER ASSIGNMENT: PLT5001  
 INSTALLATION AND REMOVAL: PLT5002  
 SPECIAL LUBE AND FINISH: PLT5003

**MATERIAL:**

NUT AND SCREW: CRES A286 PER AMS5731, AMS5732 OR AMS5737.  
 SLEEVE: CRES A286 PER AMS5731, AMS5732 OR AMS5737.  
 DRIVE NUT: MILD STEEL.

**HEAT TREAT:**

NUT AND SCREW: SOLUTION HEAT TREATED AND AGED TO A CORE HARDNESS OF 30-45 HRC. ALL CORE HARDNESS READINGS ARE TAKEN ON MOUNTED SPECIMENS, USING BRALE PENETRATOR AND A 30 KG LOAD (ROCKWELL 30N).  
 SLEEVE: SOLUTION TREATED.  
 DRIVE NUT: AS REQUIRED FOR PERFORMANCE.

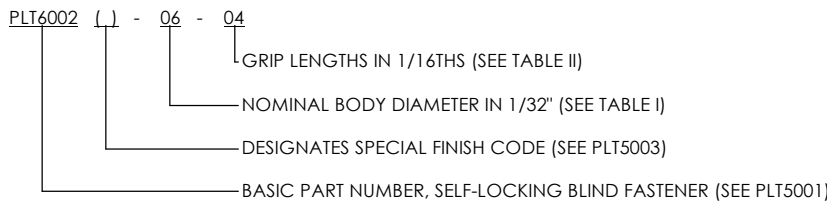
**FINISH:**

NUT AND SCREW: PASSIVATE PER AMS2700. CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.  
 SLEEVE: PASSIVATE PER AMS2700. CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.  
 DRIVE NUT: CORROSION RESISTANT COATING, COLOR BLACK.

**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
2						
-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: PLT6002-06-4.5 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 PLT6001 FOR A ALLOY STEEL VERSION OF THIS FASTENER.
4. PLT6002-( )-( ) BLIND FASTENER IS NOT RECOMMENDED FOR TENSION FATIGUE LOADED APPLICATIONS.
5. DISTORTION OF "Ø D" PERMISSIBLE IN LOCKING AREA. DISTORTION OF "Ø D" SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND DIAMETER EQUAL TO MAXIMUM "Ø D" + .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.



TITLE:

VISU-LOK® II, FASTENER, BLIND,  
 120° FLUSH TENSION HEAD,  
 NOMINAL DIAMETER, CRES A286

DRAWING NO:

PLT6002 ( )-( )-( )

DRAWN BY:

A PEREZ

DRAWN DATE:

02/25/2014

APPROVED BY:

CHECKED DATE:

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 SHEET 2 OF 2