

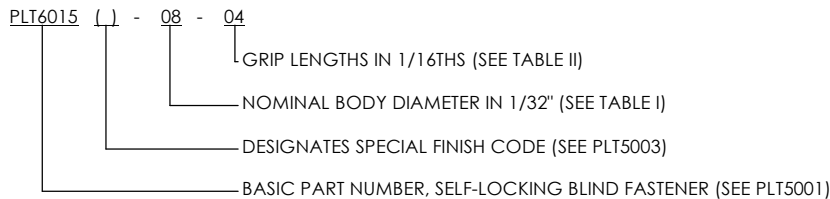
TABLE I

PART NUMBER	Ø NOM		Ø A		Ø B		C MAX		Ø D		F WRENCH FLATS		H		Ø J MAX		(K)		R. R		R. S MIN		Z	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT6015-05-(-)	.1635	4.153	.448	11.38	.286	7.26	.285	7.24	.1645	4.178	.086	2.18	.046	1.17	.244	6.20	.246	6.25	.030	0.76	.005	0.13	.010	0.25
PLT6015-06-(-)	.1980	5.029	.448	11.38	.333	8.46	.320	8.13	.1990	5.055	.104	2.64	.053	1.35	.300	7.62	.281	7.14	.030	0.76	.005	0.13	.010	0.25
PLT6015-08-(-)	.2590	6.579	.510	12.95	.430	10.92	.355	9.02	.2600	6.604	.135	3.43	.068	1.73	.384	9.75	.325	8.26	.030	0.76	.005	0.13	.010	0.25

TABLE I (CONTINUED)

PART NUMBER	BREAK-OFF LIMITS		MINIMUM AVAILABLE GRIP LENGTH (TABLE II)	HOLE SIZE		PREVAILING TORQUE MIN		DOUBLE SHEAR STRENGTH MIN		TENSILE STRENGTH MIN	
	INCH	mm		INCH	mm	IN-LBS	Nm	LBS	N	LBS	N
PLT6015-05-(-)	+0.088	+2.23	-01	.168	4.27	1.0	0.113	3150	14010	900	4000
	+0.000	+0.00		.165	4.19						
PLT6015-06-(-)	+0.098	+2.49	-01	.202	5.13	1.5	0.169	4600	20460	1400	6230
	+0.010	+0.25		.199	5.05						
PLT6015-08-(-)	+0.135	+3.43	-02	.263	6.68	2.5	0.282	7900	35140	2100	9340
	+0.047	+1.19		.260	6.60						

EXAMPLE PART NUMBER:





APPLICABLE SPECIFICATIONS:
 PROCUREMENT SPECIFICATION: PLT5000, CLASS 5, TYPE V, EXCEPT AS NOTED HEREIN.
 PART NUMBER ASSIGNMENT: PLT5001
 INSTALLATION AND REMOVAL: PLT5002
 SPECIAL LUBE AND FINISH: PLT5003



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2ND DASH NO.	TABLE II									
	GRIP RANGE				(L)					
	MIN		MAX		-05		-06		-08	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
-01	.032	0.81	.093	2.36	1.165	29.591	1.255	31.877	-	-
-02	.094	2.39	.156	3.96	1.228	31.191	1.318	33.477	1.478	37.541
-03	.157	3.99	.219	5.56	1.291	32.791	1.381	35.077	1.541	39.141
-04	.220	5.59	.281	7.14	1.353	34.366	1.443	36.652	1.603	40.716
-05	.282	7.16	.344	8.74	1.416	35.966	1.506	38.252	1.666	42.316
-06	.345	8.76	.406	10.31	1.478	37.541	1.568	39.827	1.728	43.891
-07	.407	10.34	.469	11.91	1.541	39.141	1.631	41.427	1.791	45.491
-08	.470	11.94	.531	13.49	1.603	40.716	1.693	43.002	1.853	47.066
-09	.532	13.51	.594	15.09	1.666	42.316	1.756	44.602	1.916	48.666
-10	.595	15.11	.656	16.66	1.728	43.891	1.818	46.177	1.978	50.241
-11	.657	16.69	.719	18.26	1.791	45.451	1.881	47.777	2.041	51.841
-12	.720	18.29	.781	19.84	1.853	47.066	1.943	49.352	2.103	53.416
-13	.782	19.86	.844	21.44	1.916	48.666	2.006	50.952	2.166	55.016
-14	.845	21.46	.906	23.01	1.978	50.241	2.068	52.527	2.228	56.591
-15	.907	23.04	.969	24.61	2.041	51.841	2.131	54.127	2.291	58.191
-16	.970	24.64	1.031	26.19	2.103	53.416	2.193	55.702	2.353	59.766
-17	1.032	26.21	1.094	27.79			2.256	57.302	2.416	61.366
-18	1.095	27.81	1.156	29.36			2.318	58.877	2.478	62.941
-19	1.157	29.39	1.219	30.96			2.381	60.477	2.541	64.541
-20	1.220	30.99	1.281	32.54			2.443	62.052	2.603	66.116
-21	1.282	32.56	1.344	34.14			2.506	63.652	2.666	67.716
-22	1.345	34.16	1.406	35.71			2.568	65.227	2.728	69.291
-23	1.407	35.74	1.469	37.31	AVAILABLE		2.631	66.827	2.791	70.891
-24	1.470	37.34	1.531	38.89			2.693	68.402	2.853	72.466
-25	1.532	38.91	1.594	40.49	IN		2.756	70.002	2.916	74.066
-26	1.595	40.51	1.656	42.06			2.818	71.577	2.978	75.641
-27	1.657	42.09	1.719	43.66			2.881	73.177	3.041	77.241
-28	1.720	43.69	1.781	45.24			2.943	74.752	3.103	78.816
-29	1.782	45.26	1.844	46.84			3.006	76.352	3.166	80.416
-30	1.845	46.86	1.906	48.41			3.068	77.927	3.228	81.991
-31	1.907	48.44	1.969	50.01			3.131	79.527	3.291	83.591
-32	1.970	50.04	2.031	51.59			3.193	81.102	3.353	85.166

MATERIAL:

NUT AND SCREW: 6AL-4V TITANIUM ALLOY PER AMS4928 OR AMS4967.
 SLEEVE: CRES 303 OR CRES 304 PER AMS5639 OR AMS5641
 OR CRES A286 PER AMS5731, AMS5732 OR AMS5737.
 DRIVE NUT: MILD STEEL.

HEAT TREAT:

NUT AND SCREW: HEAT TREAT TO 95 KSI ULTIMATE SHEAR STRENGTH.
 SLEEVE: AS REQUIRED FOR PERFORMANCE.
 DRIVE NUT: AS REQUIRED FOR PERFORMANCE.

FINISH:

NO CODE ():

NUT AND SCREW: NONE.
 SLEEVE: PASSIVATE PER AMS2700.
 DRIVE NUT: CORROSION RESISTANT COATING, COLOR GRAY.

"L" CODE:

NUT: ALUMINUM COAT PER NAS4006.
 SCREW: NONE.
 SLEEVE: PASSIVATE PER AMS2700 AND ALUMINUM COAT PER NAS4006.
 DRIVE NUT: CORROSION RESISTANT COATING, COLOR GRAY.

LUBRICATION:

SOLID DRY FILM LUBRICANT PER THE CHEMICAL REQUIREMENTS OF AS5272 TYPE I OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN WAX AND/OR CETYL ALCOHOL PER AS87132 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE. (SEE PLT5003 FOR SPECIAL LUBRICANTS AND FINISHES).

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: PLT6015-06-4.5 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. 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].
4. "GRIP MAX" TOLERANCES: FOR -05 AND -06 SIZES; +.030/-0.10 [+0,762 mm/-0.254 mm].
 FOR -08 SIZE; +.040/-0.10 [+1,016 mm/-0.254 mm].
5. ALTERNATE HEAD MARKING: "1031".
6. HEAD MARKINGS ON NUT DEPRESSED .010 INCH [0,254 mm] MAXIMUM. POSITION OPTIONAL.
7. DRIVE NUT NOT SHOWN FOR CLARITY OF HEAD MARKINGS.
8. CRIMP IN SLEEVE OPTIONAL.



TITLE:

VISU-LOK® II, FASTENER, BLIND,
 LOW PROFILE PROTRUDING HEAD,
 NOMINAL DIAMETER, SELF-LOCKING,
 TITANIUM ALLOY, 75 KSI SHEAR STRENGTH

DRAWING NO:

PLT6015(-)(-)(-)

DRAWN BY:

A PEREZ

DRAWN DATE:

03/16/2014

APPROVED BY:

CHECKED DATE:

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