

PART NUMBER	NOM DIA.		A THEO DIA.		A' DIA. MIN.		C MAX.		D DIA. Δ 8				E DIA. MAX.		F FLATS		H REF.		J DIA. MAX.		K MAX.		L1 REF.		L2 MAX.	
	INCH	mm	INCH	MM	INCH	mm	INCH	mm	BARE		ALUMINUM COATED		INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
									INCH	mm	INCH	mm														
PLT6020-05-(-)	.1832	4.65	.2612 .2564	6.63 6.51	.241	6.12	.315	8.00	.1835 .1830	4.661 4.648	.1835 .1825	4.661 4.635	.1800	4.57	.086 .081	2.18 2.06	.032	0.81	.244	6.20	.300	7.62	.380	9.65	.828	21.03
PLT6020-06-(-)	.2182	5.54	.3016 .2966	7.66 7.53	.270	6.86	.350	8.89	.2185 .2180	5.550 5.537	.2185 .2175	5.550 5.524	.2150	5.46	.104 .099	2.64 2.52	.034	0.86	.300	7.62	.333	8.46	.430	10.92	.868	22.05
PLT6020-08-(-)	.2792	7.09	.3948 .3898	10.02 9.90	.363	9.22	.385	9.78	.2795 .2790	7.099 7.087	.2795 .2785	7.099 7.073	.2760	7.01	.135 .130	3.43 3.30	.047	1.94	.384	9.75	.366	9.30	.577	14.66	1.030	23.16
PLT6020-10-(-)	.3302	8.39	.4739 .4689	12.04 11.91	.442	11.23	.470	11.94	.3305 .3300	8.395 8.382	.3305 .3295	8.395 8.369	.3270	8.31	.152 .147	3.86 3.73	.059	1.50	.427	10.85	.447	11.35	.605	15.37	1.282	32.56
PLT6020-12-(-)	.3932	9.99	.5604 .5554	14.23 14.11	.529	13.44	.555	14.10	.3935 .3930	9.995 9.982	.3935 .3925	9.995 9.969	.3900	9.91	.185 .180	4.70 4.57	.069	1.75	.516	13.11	.527	13.39	.710	18.03	1.351	34.32

PART NUMBER	R RAD.		S MAX.		V GAGE DIA.		W GAGE DIA.		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	INCH	mm	INCH	mm		INCH	mm	IN-LB	Nm	LBS.	N	LBS.	N
PLT6020-05-(-)	.030 .010	0.76 0.25	.012	0.30	.0265 .0237	0.673 0.602	.1992 .1990	5.059 5.055	+0.088 -0.000	+2.24 -0.00	-02	.187 .184	4.75 4.67	1.0	0.113	3150	14010	750	3340
PLT6020-06-(-)	.030 .015	0.76 0.38	.015	0.38	.0246 .0218	0.625 0.554	.2440 .2438	6.198 6.192	+0.088 -0.000	+2.24 -0.00	-02	.222 .219	5.64 5.56	1.5	0.170	4600	20460	1250	5560
PLT6020-08-(-)	.030 .015	0.76 0.38	.015	0.38	.0271 .0242	0.688 0.615	.3314 .3312	8.418 8.412	+0.098 -0.000	+2.49 -0.00	-03	.283 .280	7.19 7.11	2.5	0.282	7900	35140	1900	8450
PLT6020-10-(-)	.040 .020	1.02 0.51	.015	0.38	.0296 .0266	0.752 0.678	.4047 .4045	10.279 10.274	+1.03 -0.000	+2.62 -0.00	-03	.334 .331	8.48 8.41	3.5	0.400	11350	50480	3250	14460
PLT6020-12-(-)	.040 .020	1.02 0.51	.015	0.38	.0321 .0290	0.815 0.737	.4854 .4852	12.329 12.324	+1.03 -0.000	+2.62 -0.00	-03	.397 .394	9.83 9.75	4.0	0.452	16450	73170	5050	22460



PROCUREMENT SPEC:

PROCUREMENT SPECIFICATION = PLT5000, CLASS 5, TYPE III
 PART NUMBER ASSIGNMENT = PLT5001
 INSTALLATION AND REMOVAL = PLT5002
 SPECIAL LUBE AND FINISH = PLT5003

MATERIAL: NUT & SCREW: 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
 SLEEVE: CORROSION RESISTANT STEEL. (304 OR A286)
 DRIVE NUT: MILD STEEL.

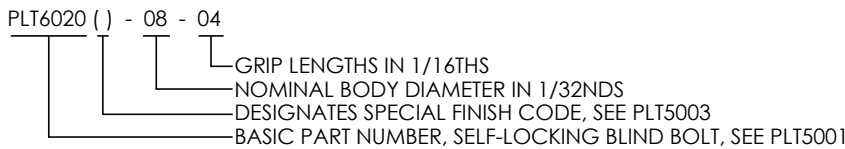
HEAT TREAT: NUT & SCREW: HEAT TREAT TO 95 KSI, FSU.
 DRIVE NUT & SLEEVE: AS REQUIRED FOR PERFORMANCE.

FINISH: NUT & SCREW: NONE.
 SLEEVE: PASSIVATE PER AMS2700.
 DRIVE NUT: CORROSION RESISTANT COATING.
 COLOR GRAY.

LUBRICANT: " - " SOLID DRY FILM LUBE PER THE CHEMICAL REQUIREMENTS OF
 ASS272 TYPE I OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN
 WAX OR CETYL ALCOHOL PER AS87132 MAY BE APPLIED TO ANY
 OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE.
 (SEE PLT 5003 FOR SPECIAL LUBRICANTS AND FINISHES).

" AA " SAME AS " - " EXCEPT: COMPLETE TOP SURFACE OF HEAD OF NUT
 SHALL BE POWDER BLASTED TO PRODUCE A SURFACE OF RA 50/80
 MICRO-INCHES AFTER ALL MANUFACTURING OPERATIONS.

PART CODE & EXAMPLE:



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 NUMBERS.
 EXAMPLE: PLT6020-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281" (7,14mm) AND A GRIP RANGE OF .250" THRU .312" (6.35mm THRU 7,92mm).
3. PARTS SHALL BE FREE OF LOOSE OR HANGING BURRS.
4. CONCENTRICITY OF NUT HEAD CONICAL SURFACE TO D DIAMETER .005" T.I.R.
5. "G" TOLERANCE: -05 & -06 DIA'S +.030"/-.010"; -08 & -10 DIA'S +.040"/-.010"; -12 DIA +.050"/.010".
6. -05 DIA. GRIP LENGTH AVAILABILITY LIMITED TO -02 THROUGH -06.
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 MINIMUM RECOMMENDED HOLE SIZE. FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22.23 NEWTONS).
8. MAXIMUM "D" DIAMETER MAY BE INCREASED BY .0002" TO ALLOW FOR ALUMINUM COATING APPLICATION.
9. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.
10. HEAD MARKINGS DEPRESSED .010" (0.254mm MAX.), POSITION OPTIONAL.

2ND DASH NO.	GRIP RANGE					
	G		GRIP MIN.		GRIP MAX.	
	INCH	mm	INCH	mm	INCH	mm
-	-	-	-	-	-	-
-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	.594	15,11	.532	13,51	.594	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

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

TITLE: VISU-LOK®II, FASTENER, BLIND
 100° FLUSH REDUCED HEAD GROUND SHANK
 TITANIUM ALLOY, 1/64 OVERSIZE

DRAWING NO: PLT6020()-()-()
 DRAWN BY: G.MARTINEZ
 DRAWN DATE: 08-22-13
 APPROVED BY:
 CHECKED DATE:

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 SHEET 2 OF 2