

**TYPICAL INSTALLATION**

**TABLE I**

PART NUMBER	Ø NOM		A HEX		C MAX		Ø D		F WRENCH FLATS		H		Ø J MAX		(K)		R. R	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT5240-05-(-)	.1635	4,153	.250 .244	6,35 6,20	.268	6,81	.1645 .1625	4,178 4,128	.086 .081	2,18 2,06	.096 .070	2,44 1,78	.244	6,20	.246	6,25	.020 .010	0,51 0,25
PLT5240-06-(-)	.1980	5,029	.312 .305	7,92 7,75	.303	7,70	.1990 .1970	5,055 5,004	.104 .099	2,64 2,51	.113 .074	2,87 1,88	.300	7,62	.281	7,14	.025 .015	0,64 0,38
PLT5240-08-(-)	.2590	6,579	.375 .367	9,53 9,32	.354	8,99	.2600 .2580	6,604 6,553	.135 .130	3,43 3,30	.135 .084	3,43 2,13	.384	9,75	.325	8,25	.025 .015	0,64 0,38
PLT5240-10-(-)	.3105	7,887	.437 .429	11,10 10,90	.423	10,74	.3115 .3095	7,912 7,861	.152 .147	3,86 3,73	.160 .106	4,06 2,69	.427	10,85	.390	9,91	.030 .015	0,76 0,38
PLT5240-12-(-)	.3735	9,487	.500 .491	12,70 12,47	.510	12,95	.3745 .3725	9,512 9,462	.185 .180	4,70 4,57	.190 .127	4,83 3,22	.516	13,11	.470	11,94	.030 .015	0,76 0,38

**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		SEATING TORQUE	
	INCH	mm		INCH	mm	IN-LBS	Nm	LBS	N	LBS	N	IN-LBS	N-m
PLT5240-05-(-)	+0,088 -0,000	+2,24 +0,00	-01	.168 .165	4,27 4,19	1.0	0,113	3960	17620	1150	5115	4	0,452
PLT5240-06-(-)	+0,103 +0,015	+2,62 +0,38	-01	.202 .199	5,13 5,05	1.5	0,169	5850	26020	1690	7520	6	0,678
PLT5240-08-(-)	+0,130 +0,032	+3,30 +0,81	-02	.263 .260	6,68 6,60	2.5	0,282	10000	44480	2900	12900	10	1,130
PLT5240-10-(-)	+0,130 +0,027	+3,30 +0,68	-02	.315 .312	8,00 7,92	3.5	0,395	14400	64050	4170	18550	20	2,260
PLT5240-12-(-)	+0,130 +0,027	+3,30 +0,68	-03	.378 .375	9,60 9,53	4.0	0,452	20760	92340	5970	26550	30	3,390



APPLICABLE SPECIFICATIONS:  
 PROCUREMENT SPECIFICATION: PLT5000, CLASS 6, TYPE V  
 PART NUMBER ASSIGNMENT: PLT5001  
 INSTALLATION AND REMOVAL: PLT5002  
 SPECIAL LUBE AND FINISH: PLT5003

**MATERIAL:**

NUT AND SLEEVE: CRES A286 PER AMS5731, AMS5732 OR AMS5737.  
 SCREW: INCONEL 718 PER AMS5662.  
 DRIVE NUT: MILD STEEL.

**HEAT TREAT:**

NUT AND SCREW: HEAT TREAT TO 30-45 HRC.  
 SLEEVE: AS REQUIRED FOR PERFORMANCE.  
 DRIVE NUT: AS REQUIRED FOR PERFORMANCE.

**FINISH:**

NUT AND SLEEVE: PASSIVATE PER AMS2700.  
 SCREW: PASSIVATE PER AMS2700.  
 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, 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).

**EXAMPLE PART NUMBER:**

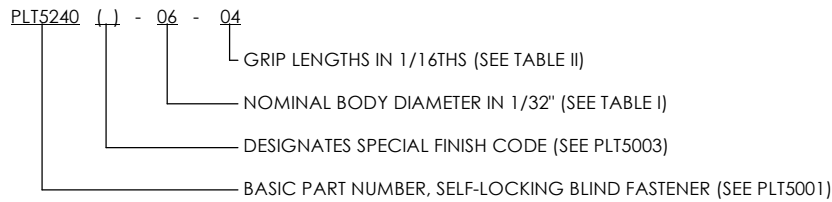


TABLE II

2ND DASH NO. △	GRIP RANGE			
	GRIP MIN		GRIP MAX	
	INCH	mm	INCH	mm
-01	.032	0.81	.093	2.36
-02	.094	2.39	.156	3.96
-03	.157	3.99	.219	5.56
-04	.220	5.59	.281	7.14
-05	.282	7.16	.344	8.74
-06	.345	8.76	.406	10.31
-07	.407	10.34	.469	11.91
-08	.470	11.94	.531	13.49
-09	.532	13.51	.594	15.09
-10	.595	15.11	.656	16.66
-11	.657	16.69	.719	18.26
-12	.720	18.29	.781	19.84
-13	.782	19.86	.844	21.44
-14	.845	21.46	.906	23.01
-15	.907	23.04	.969	24.61
-16	.970	24.64	1.031	26.19
-17	1.032	26.21	1.094	27.79
-18	1.095	27.81	1.156	29.36
-19	1.157	29.39	1.219	30.96
-20	1.220	30.99	1.281	32.54
-21	1.282	32.56	1.344	34.14
-22	1.345	34.16	1.406	35.71
-23	1.407	35.74	1.469	37.31
-24	1.470	37.34	1.531	38.89
-25	1.532	38.91	1.594	40.49
-26	1.595	40.51	1.656	42.06
-27	1.657	42.09	1.719	43.66
-28	1.720	43.69	1.781	45.24
-29	1.782	45.26	1.844	46.84
-30	1.845	46.86	1.906	48.41
-31	1.907	48.44	1.969	50.01
-32	1.970	50.04	2.031	51.59

**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: PLT5240-06-4.5 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. PLT5240-05-( ) GRIP LENGTH AVAILABILITY LIMITED TO -01 THRU -16.
5. HEAD MARKINGS ON NUT DEPRESSED .010 INCH [0.254 mm] MAXIMUM. POSITION OPTIONAL.
6. DRIVE NUT NOT SHOWN FOR CLARITY OF HEAD MARKINGS.
7. RECESS OR INDENTED HEX IN HEAD OF NUT OPTIONAL.



TITLE:  
 VISU-LOK® II, FASTENER, BLIND,  
 HEXAGONAL PROTRUDING HEAD,  
 NOMINAL DIAMETER,  
 CRES, 95 KSI

DRAWING NO: PLT5240( )-( )-( )	
DRAWN BY: A PEREZ	DRAWN DATE: 03/15/2014
APPROVED BY:	CHECKED DATE:

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		ECN DATE: 11/18/14	SHEET 2 OF 2