



PART NUMBER	NOM DIA.		A THEO. DIA.		A' DIA. MIN.		C MAX.		D DIA.		E DIA. MAX.		F FLATS		H REF.		J DIA. MAX.		K MAX.		R RAD.	
	INCH	mm	INCH	MM	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT5125-05-(-)	.1635	4,15	.332 .325	8,44 8,25	.296	7,51	.268	6,81	.1645 .1625	4,18 4,12	.1620	4,12	.086 .081	2,19 2,05	.069	1,75	.244	6,20	.246	6,25	.030 .010	0,77 0,25
PLT5125-06-(-)	.1890	4,80	.385 .378	9,78 9,60	.342	8,68	.303	7,70	.1900 .1880	4,83 4,77	.1875	4,77	.104 .099	2,65 2,51	.081	2,06	.300	7,62	.281	7,14	.030 .015	0,77 0,38
PLT5125-08-(-)	.2480	6,30	.507 .499	12,88 12,67	.463	11,76	.354	9,00	.2490 .2470	6,33 6,27	.2465	6,27	.135 .130	3,43 3,30	.107	2,72	.384	9,76	.325	8,26	.030 .015	0,77 0,38
PLT5125-10-(-)	.3105	7,89	.635 .626	16,13 15,90	.577	14,65	.423	10,75	.3115 .3095	7,92 7,86	.3090	7,85	.152 .147	3,87 3,73	.134	3,40	.427	10,85	.390	9,91	.040 .020	1,02 0,50
PLT5125-12-(-)	.3735	9,49	.762 .752	19,36 19,10	.696	17,67	.510	12,96	.3745 .3725	9,52 9,46	.3720	9,45	.185 .180	4,70 4,57	.160	4,06	.516	13,11	.470	11,94	.040 .020	1,02 0,50

PART NUMBER	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	IN-LB	Nm	LBS.	N	LBS.	N
PLT5125-05-(-)	.012	0,31	.0276 .0238	0,702 0,604	.2671 .2667	6,785 6,774	+.082 -.006	+2,09 -0,16	-02	.168 .165	4,27 4,19	1.0	0,11	3150	14010	900	4000
PLT5125-06-(-)	.015	0,39	.0299 .0259	0,760 0,658	.3147 .3143	7,994 7,983	+.072 -.016	+1,83 -0,41	-02	.193 .190	4,90 4,82	1.5	0,16	4200	18680	1400	6200
PLT5125-08-(-)	.015	0,39	.0353 .0307	0,897 0,779	.4245 .4241	10,783 10,772	+.072 -.026	+1,83 -0,67	-03	.252 .249	6,40 6,32	2.5	0,28	7200	32020	2100	9300
PLT5125-10-(-)	.020	0,51	.0409 .0357	1,039 0,907	.5389 .5385	13,689 13,677	+.072 -.031	+1,83 -0,79	-04	.315 .312	8,00 7,92	3.5	0,39	11350	50480	3600	16000
PLT5125-12-(-)	.023	0,59	.0466 .0407	1,184 1,033	.6532 .6528	16,592 16,581	+.072 -.031	+1,83 -0,79	-04	.378 .375	9,60 9,52	4.0	0,45	16450	73170	5600	24900



2ND DASH NO.	GRIP RANGE				2ND DASH NO.	GRIP RANGE			
	GRIP MIN.		GRIP MAX.			GRIP MIN.		GRIP MAX.	
	INCH	mm	INCH	mm		INCH	mm	INCH	mm
-01	-	-	-	-	-17	1.032	26,21	1.094	27,79
-02	.094	2,39	.156	3,96	-18	1.095	27,81	1.156	29,36
-03	.157	3,99	.219	5,56	-19	1.157	29,39	1.219	30,97
-04	.220	5,59	.281	7,14	-20	1.220	30,98	1.281	32,54
-05	.282	7,16	.344	8,74	-21	1.282	32,55	1.344	34,14
-06	.345	8,76	.406	10,31	-22	1.345	34,15	1.406	35,72
-07	.407	10,34	.469	11,91	-23	1.407	35,73	1.469	37,32
-08	.470	11,94	.531	13,49	-24	1.470	37,33	1.531	38,89
-09	.532	13,51	.594	15,09	-25	1.532	38,90	1.594	40,49
-10	.595	15,11	.656	16,66	-26	1.595	40,50	1.656	42,07
-11	.657	16,69	.719	18,26	-27	1.657	42,08	1.719	43,67
-12	.720	18,29	.781	19,84	-28	1.720	43,68	1.781	45,24
-13	.782	19,86	.844	21,44	-29	1.782	45,25	1.844	46,84
-14	.845	21,46	.906	23,01	-30	1.845	46,85	1.906	48,42
-15	.907	23,04	.969	24,61	-31	1.907	48,43	1.969	50,02
-16	.970	24,64	1.031	26,19	-32	1.970	50,03	2.031	51,59



PROCUREMENT SPEC:

PROCUREMENT SPECIFICATION = PLT 5000, CLASS 2, TYPE I  
 PART NUMBER ASSIGNMENT = PLT 5001  
 INSTALLATION AND REMOVAL = PLT 5002  
 SPECIAL LUBE AND FINISH = PLT 5003

**MATERIAL:** NUT, SCREW, & SLEEVE: CORROSION AND HEAT RESISTANT STEEL, TYPE A286 PER AMS5731, AMS5732, OR AMS5737.  
 DRIVE NUT: MILD STEEL.

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

**FINISH:** " - " NUT, SCREW, & SLEEVE: PASSIVATE PER AMS2700.  
 "A" NUT, SCREW, & SLEEVE: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CL.3  
 DRIVE NUT: CORROSION RESISTANT COATING. COLOR BLACK.

**LUBRICANT:** SOLID DRY FILM LUBE PER THE CHEMICAL REQUIREMENTS OF AS5272 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).

**PART CODE & EXAMPLE:** PLT5125 A - 08 - 08

GRIP LENGTHS IN 1/16THS  
 NOMINAL BODY DIAMETER AS TABULATED IN 1/32NDS  
 DESIGNATES SPECIAL FINISH CODE, SEE PLT5003  
 BASIC PART NUMBER, SELF LOCKING BLIND FASTENER

GENERAL NOTES:

- LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT.
- HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.  
 EXAMPLE: PLT5125-06-4.5 HAS 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).
- 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).
- SECOND DASH NUMBER (GRIP RANGE) -17 THROUGH -32 NOT AVAILABLE IN -05 DIAMETER.
- PLT5125-05-( ) IS EQUIVALENT TO PLT5120-05-( ); PLT5125-10-( ) IS EQUIVALENT TO PLT5120-10-( ); PLT5125-12-( ) IS EQUIVALENT TO PLT5120-12-( ).
- HEAD MARKING DESPRESSED .010" (0,254mm MAX.), POSITION OPTIONAL.



TITLE: VISU-LOK® II, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE HIGH TEMPERATURE (A286 ALLOY) 100° FLUSH TENSION HEAD, SELF-LOCKING FRACTIONAL DIAMETER

DRAWING NO: PLT5125( )-( )-( )  
 DRAWN BY: G.MARTINEZ DRAWN DATE: 08-14-13  
 APPROVED BY: CHECKED DATE:

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ECN NO: 14-0771  
 ECN DATE: 11/14/14

REV: E  
 SHEET 2 OF 2