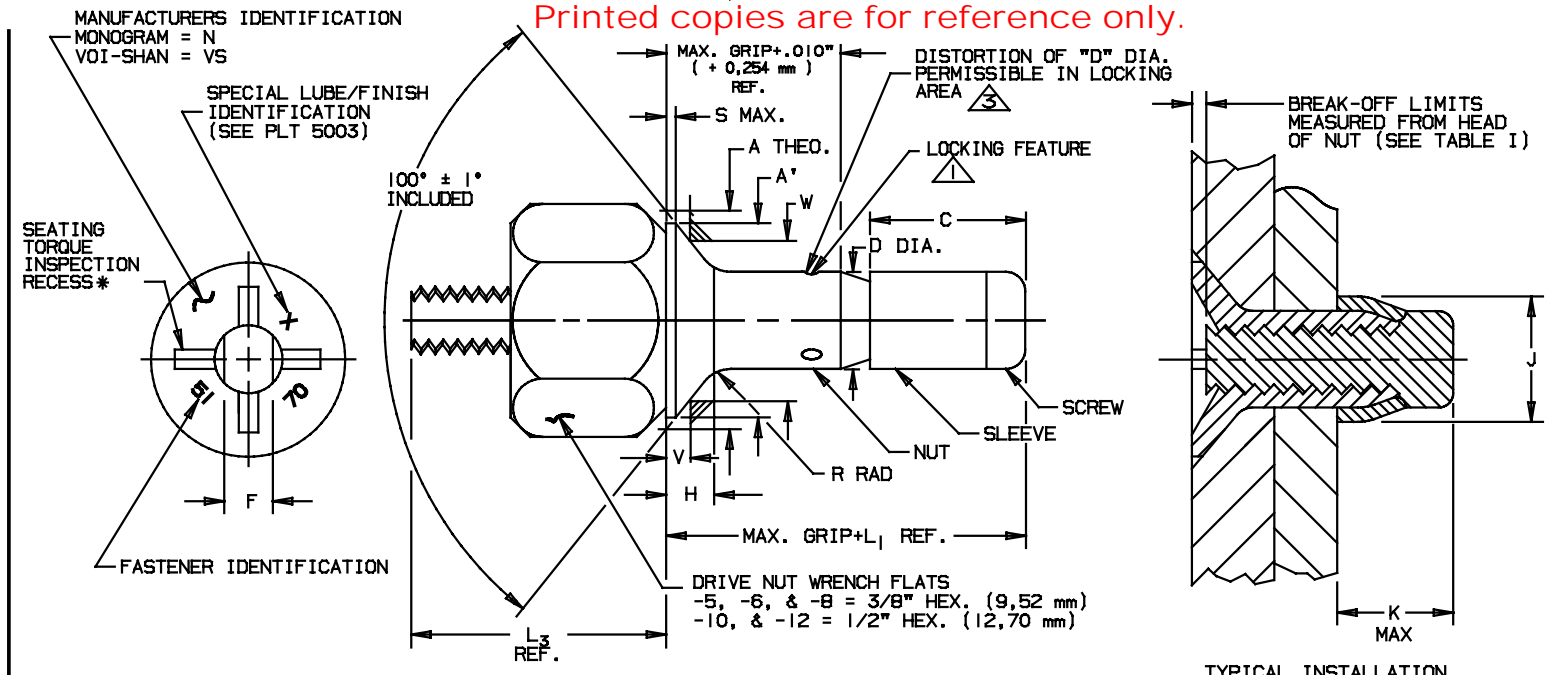


Printed copies are for reference only.



HEAD MARKINGS DEPRESSED .010 INCH (0,254 mm MAX.)
*DRIVE-NUT NOT SHOWN FOR CLARITY OF HEAD MARKINGS.

TABLE I

PART NUMBER	NOM. DIA.		A DIA. THEO.		A' DIA. MIN.		C MAX.		D DIA.		F FLATS		H REF.		J DIA. MAX.		K MAX.		L ₁ REF.		L ₃ REF.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT 5170-5-()	.1635	4,153	.332 .325	8,43 8,25	.296	7,52	.285	7,24	.1645 .1625	4,178 4,128	.086 .081	2,18 2,06	.069	1,75	.244	6,20	.257	6,53	.328	8,33	.673	17,09
PLT 5170-6-()	.1980	5,029	.385 .378	9,78 9,60	.342	8,69	.320	8,13	.1990 .1970	5,055 4,775	.104 .099	2,64 2,52	.077	1,96	.300	7,62	.288	7,31	.373	9,47	.658	16,71
PLT 5170-8-()	.2590	6,579	.507 .499	12,88 12,67	.463	11,76	.355	9,02	.2600 .2580	6,604 6,274	.135 .130	3,43 3,30	.102	2,56	.384	9,75	.320	8,13	.417	10,59	.754	19,15
PLT 5170-10-()	.3105	7,887	.635 .626	16,13 15,90	.577	14,66	.440	11,18	.3115 .3095	7,912 7,861	.152 .147	3,86 3,73	.134	3,40	.427	10,85	.396	10,06	.536	13,61	.985	25,02
PLT 5170-12-()	.3735	9,487	.762 .752	19,35 19,10	.696	17,68	.525	13,34	.3745 .3725	9,512 9,462	.185 .180	4,70 4,57	.160	4,06	.516	13,11	.473	12,01	.645	16,38	1.001	25,43

TABLE I (CONT.)

PART NUMBER	R RAD.		S MAX.		V GAGE PROT.		W GAGE DIA.		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	INCH	mm	INCH	mm	INCH	mm		INCH	mm	IN-LB	Nm	LBS.	N	LBS.	N
PLT 5170-5-()	.030 .010	0,76 0,25	.012	0,30	.0276 .0238	0,701 0,604	.2671 .2667	6,784 6,774	+0,020 -0,068	+0,51 -1,73	-2	.168 .165	4,27 4,19	1.0	0,113	3150	14010	900	4000
PLT 5170-6-()	.030 .015	0,76 0,38	.015	0,38	.0299 .0259	0,759 0,658	.3147 .3143	7,993 7,983	+0,015 -0,073	+0,38 -1,88	-2	.202 .199	5,13 5,05	1.5	0,170	4600	20460	1400	6230
PLT 5170-8-()	.030 .015	0,76 0,38	.015	0,38	.0353 .0307	0,897 0,780	.4245 .4241	10,782 10,772	+0,010 -0,078	+0,25 -1,98	-3	.263 .260	6,68 6,60	2.5	0,282	7900	35140	2100	9340
PLT 5170-10-()	.040 .020	1,02 0,51	.020	0,51	.0409 .0357	1,039 0,907	.5389 .5385	13,688 13,678	+0,010 -0,088	+0,25 -2,23	-4	.315 .312	8,00 7,92	3.5	0,400	11350	50480	3600	16010
PLT 5170-12-()	.040 .020	1,02 0,51	.023	0,58	.0466 .0407	1,184 1,034	.6532 .6528	16,591 16,581	+0,010 -0,093	+0,25 -2,36	-4	.378 .375	9,60 9,52	4.0	0,452	16450	73170	5600	24910

VOI-SHAN
CODE IDENT. NO. 92215
APPROVED DATE 07-18-84 ECN 3899
REV. LETTER AND DATE "P" 10-06-00



U.S. PATENT NO. 3643544 AND 4747202
EUROPEAN PATENT NO. 0216980

MONOGRAM
CODE IDENT. NO. 98524

TITLE
VISU-LOK® II FASTENER, BLIND
100° FLUSH TENSION HEAD NOMINAL DIAMETER
TITANIUM ALLOY

STANDARD
PLT5170
SHEET 1 OF 2

TABLE II

2ND DASH NO.	GRIP RANGE 			
	MIN. GRIP		MAX. GRIP	
	INCH	mm	INCH	mm
 -2	.094	2.39	.156	3.96
-3	.157	3.99	.219	5.56
-4	.220	5.59	.281	7.14
-5	.282	7.16	.344	8.74
-6	.345	8.76	.406	10.31
-7	.407	10.34	.469	11.91
-8	.470	11.94	.531	13.49
-9	.532	13.51	.595	15.11
-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

PROCUREMENT SPECIFICATIONS:

PROCUREMENT SPECIFICATION = PLT 5000, CLASS 5, TYPE I
PART NUMBER ASSIGNMENT = PLT 5001
INSTALLATION AND REMOVAL = PLT 5002
SPECIAL LUBE AND FINISH = PLT 5003

MATERIAL: NUT & SCREW: 6AL-4V TITANIUM PER AMS 4928 OR AMS 4967
SLEEVE: 303 OR 304 CORROSION RESISTANT STEEL PER AMS 5639 OR AMS 5641 OR A-286 PER AMS 5731, AMS 5732 OR AMS 5737

DRIVE NUT: MILD STEEL

HEAT TREAT: NUT & SCREW: HEAT TREAT TO 95 KSI, F_{su}
SLEEVE: AS REQUIRED FOR PERFORMANCE
DRIVE NUT: AS REQUIRED FOR PERFORMANCE

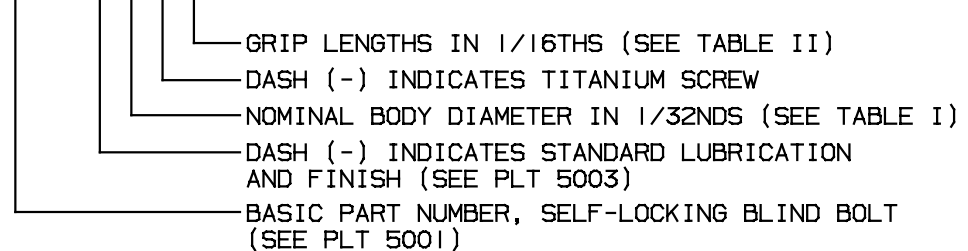
FINISH:
DASH(-)CODE: NUT & SCREW: NONE
SLEEVE: PASSIVATE PER QQ-P-35 (MIL-S-5002)
DRIVE NUT: CORROSION RESISTANT COATING. COLOR GRAY

"AD" CODE: NUT: ANODIZE PER AMS 2488, TYPE II
SCREW: NONE
SLEEVE: PASSIVATE PER QQ-P-35 (MIL-S-5002)
DRIVE NUT: CORROSION RESISTANT COATING. COLOR GRAY





LUBRICATION: SOLID DRY FILM LUBRICANT PER THE CHEMICAL REQUIREMENTS OF MIL-L-46010 TYPE I OR EVERLUBE 812 PER MIL-L-81329, PARAFFIN WAX OR CETYL ALCOHOL PER MIL-L-87132 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE. (SEE PLT 5003 FOR SPECIAL LUBRICANTS AND FINISHES)

PART CODE EXAMPLE:

PLT 5170 - 8 - 4



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 NUMBER
EXAMPLE: PLT 5170-6-4.5 HAS A NOMINAL GRIP LENGTH OF 4-1/2 16THS (.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 -5 DIAMETER

VOI-SHAN
CODE IDENT. NO. 92215

U.S. PATENT NO. 3643544 AND 4747202
EUROPEAN PATENT NO. 0216980

MONOGRAM
CODE IDENT. NO. 98524

APPROVED DATE 07-18-84 ECN 3899
REV. LETTER AND DATE "P" 10-06-00

TITLE
VISU-LOK® II FASTENER, BLIND
100° FLUSH TENSION HEAD NOMINAL DIAMETER
TITANIUM ALLOY

STANDARD
PLT5170 SHEET 2 OF 2