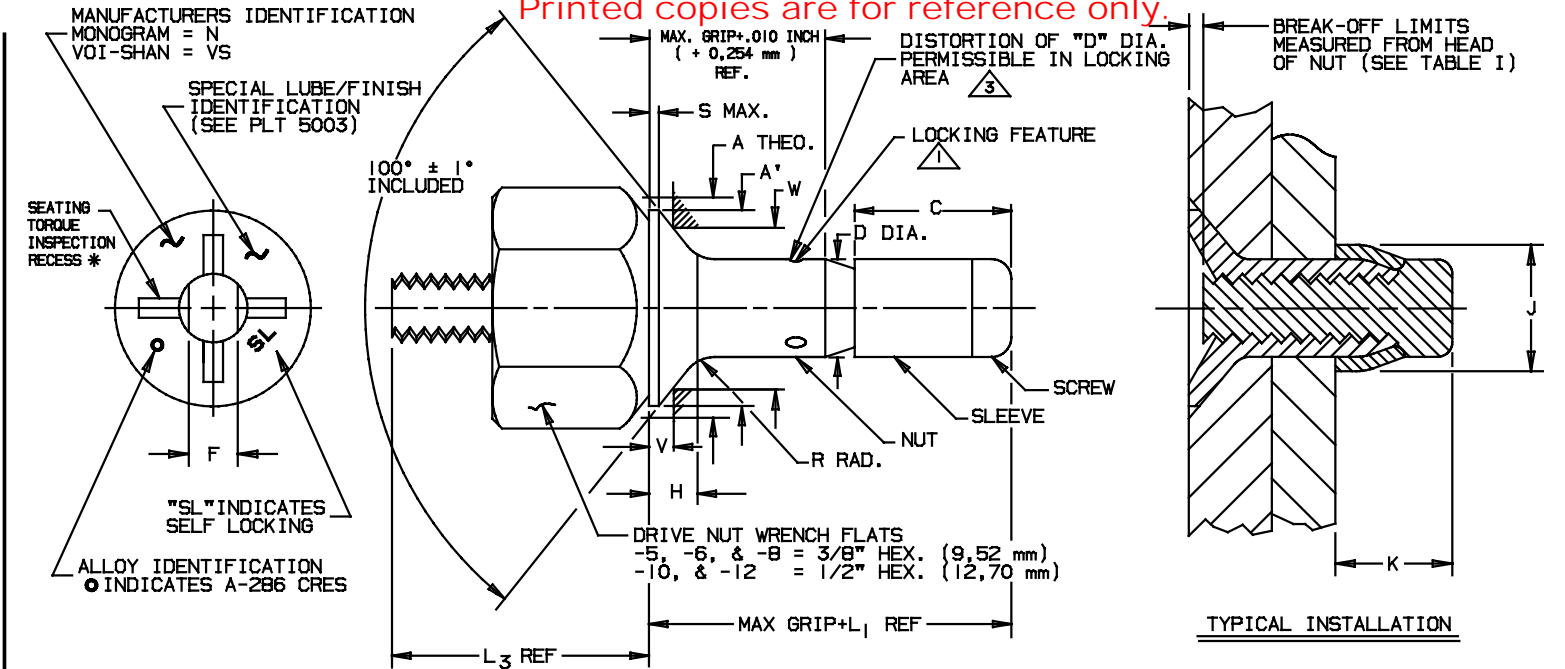


Printed copies are for reference only.



HEAD MARKINGS DEPRESSED .010 INCH (0,254 mm MAX.) (POSITION OPTIONAL)

* 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. Δ		K REF. Δ		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 5120-5-()	.1635	4,153	.332 .325	8,43 8,25	.296	7,52	.268	6,81	.1645 .1625	4,178 4,128	.086 .081	2,18 2,06	.069	1,75	.244	6,20	.246	6,25	.319	8,10	.685	17,40
PLT 5120-6-()	.1980	5,029	.385 .378	9,78 9,60	.342	8,69	.303	7,70	.1990 .1970	5,055 5,004	.104 .099	2,64 2,51	.077	1,96	.300	7,62	.281	7,14	.372	9,45	.712	18,09
PLT 5120-8-()	.2590	6,579	.507 .499	12,88 12,67	.463	11,76	.354	8,99	.2600 .2580	6,604 6,553	.135 .130	3,43 3,30	.102	2,59	.384	9,75	.325	8,25	.410	10,41	.761	19,33
PLT 5120-10-()	.3105	7,887	.635 .626	16,31 15,90	.577	14,66	.423	10,74	.3115 .3095	7,912 7,861	.152 .147	3,86 3,73	.134	3,40	.427	10,85	.390	9,91	.509	12,93	1.012	25,71
PLT 5120-12-()	.3735	9,487	.762 .752	19,35 19,10	.696	17,68	.510	12,95	.3745 .3725	9,512 9,462	.185 .180	4,70 4,57	.160	4,06	.516	13,11	.470	11,94	.599	15,22	1.091	27,71

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 5120-5-()	.030 .010	0,76 0,25	.012	0,30	.0276 .0238	0,701 0,604	.2671 .2667	6,784 6,774	+.082 -0.006	+2.08 -0.15	-2	.168 .165	4,27 4,19	1.0	0,113	3150	14010	900	4000
PLT 5120-6-()	.030 .015	0,76 0,38	.015	0,38	.0299 .0259	0,759 0,658	.3147 .3143	7,993 7,983	+.072 -0.016	+1,83 -0,41	-2	.202 .199	5,13 5,05	1.5	0,170	4600	20460	1400	6230
PLT 5120-8-()	.030 .015	0,76 0,38	.015	0,38	.0353 .0307	0,897 0,780	.4245 .4241	10,782 10,772	+.072 -0.026	+1,83 -0,66	-3	.263 .260	6,68 6,60	2.5	0,282	7900	35140	2100	9340
PLT 5120-10-()	.040 .020	1,02 0,51	.020	0,51	.0409 .0357	1,039 0,907	.5389 .5385	13,688 13,678	+.072 -0.031	+1,83 -0,79	-3	.315 .312	8,00 7,92	3.5	0,400	11350	50480	3600	16010
PLT 5120-12-()	.040 .020	1,02 0,51	.023	0,58	.0466 .0407	1,184 1,034	.6532 .6528	16,591 16,581	+.072 -0.031	+1,83 -0,79	-4	.378 .375	9,60 9,52	4.0	0,452	16450	73170	5600	24910

VOI-SHAN

CODE IDENT. NO.
92215

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

MONOGRAM

CODE IDENT. NO.
98524

APPROVED DATE
11-27-95 ECN 4345

REV. LETTER AND DATE
"G" 08-03-98

NOTICE: THIS DRAWING IS PART OF THE PROPRIETARY ARTICLE HEREIN DISCLOSED, OWNED BY MONOGRAM AEROSPACE FASTENERS. ANY PARTY BY ACCEPTING THIS DOCUMENT ASSUMES CUSTODY THEREOF AND AGREES: A. THE INFORMATION SET FORTH HEREIN IS GIVEN IN CONFIDENCE AND THIS DOCUMENT WILL NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART, NOR ITS CONTENTS REVEALED IN ANY MANNER TO ANY PERSON EXCEPT TO MEET THE PURPOSE FOR WHICH IT WAS DELIVERED. B. WITHOUT THE WRITTEN CONSENT OF MONOGRAM AEROSPACE FASTENERS, THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN UNDER NO CIRCUMSTANCES WILL BE USED IN THE MANUFACTURE OR REPRODUCTION OF THE ARTICLE DISCLOSED, AND DELIVERY OF THIS DOCUMENT SHALL NOT CONSTITUTE ANY RIGHT OR LICENSE TO DO SO.

TITLE
VISU-LOK® II FASTENER, BLIND
100° FLUSH TENSION HEAD
NOMINAL DIAMETER
A-286 CRES

STANDARD

PLT 5120

SHEET 1 OF 2

APPLICABLE SPECIFICATIONS:

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, A-286
PER AMS 5731, AMS 5732 OR AMS 5737

DRIVE NUT: MILD STEEL

HEAT TREAT: NUT & SCREW: HEAT TREAT TO A CORE HARDNESS OF RC 30-45
SLEEVE: AS REQUIRED FOR PERFORMANCE
DRIVE NUT: AS REQUIRED FOR PERFORMANCE

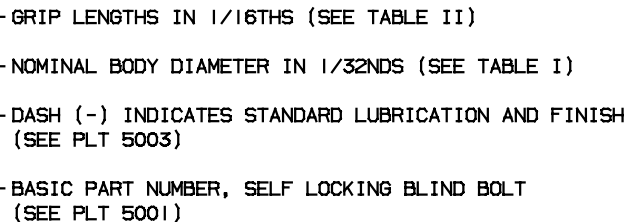
FINISH: NUT, SCREW & SLEEVE: PASSIVATE PER MIL-S-5002

DRIVE NUT: CORROSION RESISTANT COATING. COLOR BLACK

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 5120 -6 -6



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: PLT 5120-6-4.5 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)
- 3 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)
- 4 SECOND DASH NUMBER (GRIP RANGE) -17 THROUGH -32 NOT AVAILABLE IN -5 DIAMETER
- 5 "J" AND "K" ARE FOR DESIGN PURPOSES ONLY, NOT FOR INSPECTION IN ACTUAL APPLICATION

TABLE II

2ND DASH NO. 4	GRIP RANGE 2			
	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	.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	29,38	1,219	30,97
-20	1,220	30,98	1,281	32,54
-21	1,282	32,55	1,344	34,14
-22	1,345	34,15	1,406	35,72
-23	1,407	35,73	1,469	37,32
-24	1,470	37,33	1,531	38,89
-25	1,532	38,90	1,594	40,49
-26	1,595	40,50	1,656	42,07
-27	1,657	42,08	1,719	43,67
-28	1,720	43,68	1,781	45,24
-29	1,782	45,25	1,844	46,84
-30	1,845	46,85	1,906	48,42
-31	1,907	48,43	1,969	50,02
-32	1,970	50,03	2,031	51,59

VOI-SHAN

CODE IDENT. NO.
92215

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

MONOGRAM

CODE IDENT. NO.
98524

APPROVED DATE
11-27-85 ECN 4345

REV. LETTER AND DATE
"G" 08-03-88

NOTICE: THIS DRAWING IS PART OF THE PROPRIETARY ARTICLE HEREIN DISCLOSED, OWNED BY MONOGRAM AEROSPACE FASTENERS, ANY PARTY BY ACCEPTING THIS DOCUMENT ASSUMES CUSTODY THEREOF AND AGREES: A. THE INFORMATION SET FORTH HEREIN IS GIVEN IN CONFIDENCE AND THIS DOCUMENT WILL NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART, NOR ITS CONTENTS REVEALED IN ANY MANNER TO ANY PERSON EXCEPT TO MEET THE PURPOSE FOR WHICH IT WAS DELIVERED. B. WITHOUT THE WRITTEN CONSENT OF MONOGRAM AEROSPACE FASTENERS, THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN UNDER NO CIRCUMSTANCES WILL BE USED IN THE MANUFACTURE OR REPRODUCTION OF THE ARTICLE DISCLOSED, AND DELIVERY OF THIS DOCUMENT SHALL NOT CONSTITUTE ANY RIGHT OR LICENSE TO DO SO.

TITLE
VISU-LOK® II FASTENER, BLIND
100° FLUSH TENSION HEAD
NOMINAL DIAMETER
A-286 CRES

STANDARD

PLT 5120
SHEET 2 OF 2