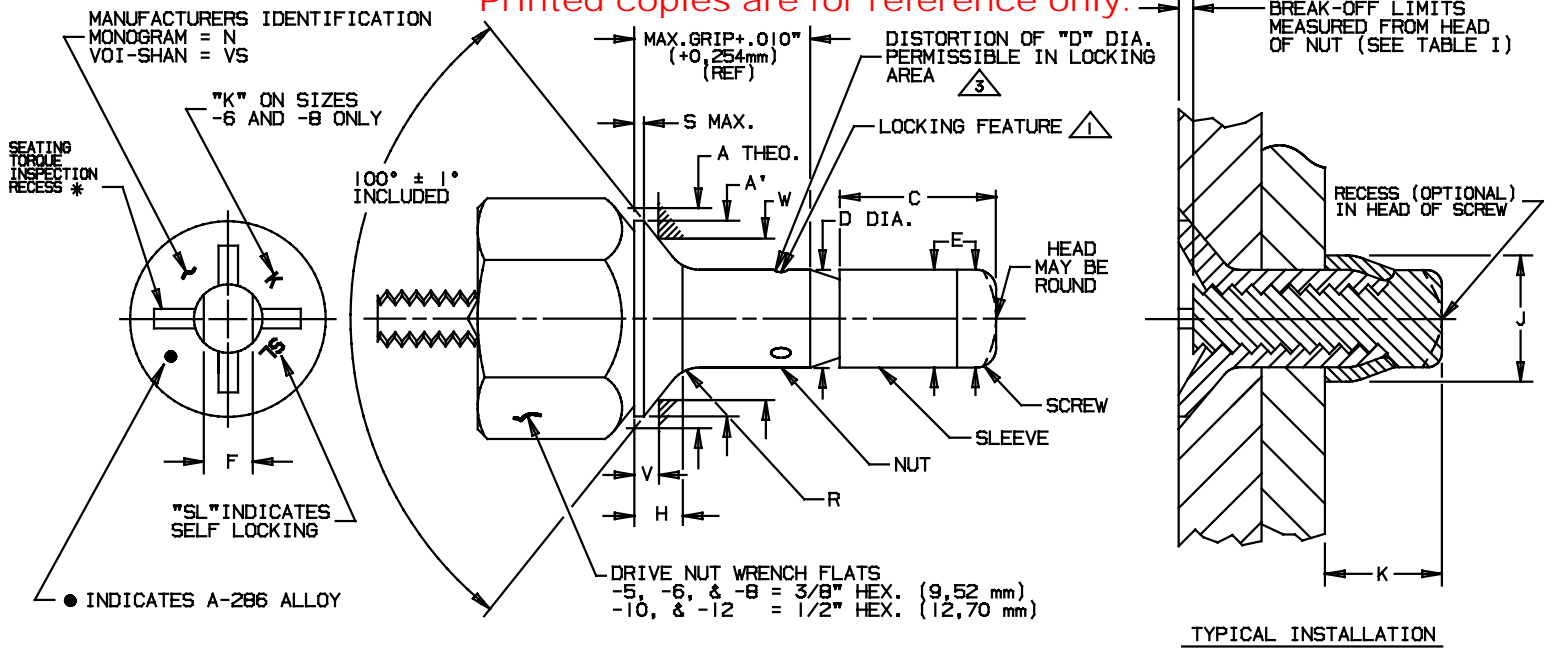


Printed copies are for reference only.



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.		E DIA. MAX.		F FLATS		H REF.		J DIA. MAX.		K REF.		R RAD.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT 5125-5-()	.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
PLT 5125-6-()	.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
PLT 5125-8-()	.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
PLT 5125-10-()	.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
PLT 5125-12-()	.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

TABLE I (CONT.)

PART NUMBER	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	IN-LB	Nm	LBS.	N	LBS.	N
PLT 5125-5-()	.012	0,31	.0276 .0238	0,702 0,604	.2671 .2667	6,785 6,774	+.082 -.006	+2,09 -0,16	-2	.168 .165	4,27 4,19	1.0	0,11	3150	14010	900	4000
PLT 5125-6-()	.015	0,39	.0299 .0259	0,760 0,657	.3147 .3143	7,994 7,983	+.072 -.016	+1,83 -0,41	-2	.193 .190	4,90 4,82	1.5	0,16	4200	18680	1400	6200
PLT 5125-8-()	.015	0,39	.0353 .0307	0,897 0,779	.4245 .4241	10,783 10,772	+.072 -.026	+1,83 -0,67	-3	.252 .249	6,40 6,32	2.5	0,28	7200	32020	2100	9300
PLT 5125-10-()	.020	0,51	.0409 .0357	1,039 0,907	.5389 .5385	13,689 13,677	+.072 -.031	+1,83 -0,79	-4	.315 .312	8,00 7,92	3.5	0,39	11350	50480	3600	16000
PLT 5125-12-()	.023	0,59	.0466 .0407	1,184 1,033	.6532 .6528	16,592 16,581	+.072 -.031	+1,83 -0,79	-4	.378 .375	9,60 9,52	4.0	0,45	16450	73170	5600	24900

Fairchild
CODE IDENT. NO.
5M902

U.S. PATENT NO. 3643544, 4747202, AND 4967463
EUROPEAN PATENT NO. 0152531 AND 0216980

MONOGRAM
CODE IDENT. NO.
98524

APPROVED DATE
08-13-87 ECN 5069
REV. LETTER AND DATE
0C 05-30-02 ECN 1347

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 INTERNALLY THREADED, EXTERNAL SLEEVE HIGH TEMPERATURE (A-286 ALLOY) 100° FLUSH TENSION HEAD, SELF-LOCKING FRACTIONAL DIAMETER

STANDARD
PLT 5125
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, TYPE A-286 PER AMS 5731, AMS 5732 OR AMS 5737
DRIVE NUT: MILD STEEL

HEAT TREAT: NUT & SCREW: SOLUTION HEAT TREAT AND AGED TO A CORE HARDNESS OF Rc 30 TO Rc 45, ALL CORE HARDNESS READINGS ARE TAKEN ON MOUNTED SPECIMEN, USING A BRALE PENETRATOR AND A 30 KG LOAD (ROCKWELL 30N)

SLEEVE: AS REQUIRED FOR PERFORMANCE
DRIVE NUT: AS REQUIRED FOR PERFORMANCE

FINISH: NO CODE LETTER BETWEEN BASIC PART NUMBER AND FIRST DASH NUMBER DESIGNATES:
NUT, SCREW & SLEEVE: PASSIVATE PER MIL-S-5002

CODE LETTER "A" BETWEEN BASIC PART NUMBER AND FIRST DASH NUMBER DESIGNATES:
NUT, SCREW & SLEEVE: CADMIUM PLATE PER QQ-P-416, TYPE II, CL.3
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 5125 -8 -8

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 5125-6-4.5 HAS A NOMINAL GRIP LENGTH OF 4-1/2 16THS (.281" = 7.14 mm) AND A GRIP RANGE OF .250" THRU .312" (6.35 mm THRU 7.92 mm)
- 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 PLT 5125-5-() EQUIVALENT TO PLT 5120-5-()
PLT 5125-10-() EQUIVALENT TO PLT 5120-10-()
PLT 5125-12-() EQUIVALENT TO PLT 5120-12-()

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

U.S. PATENT NO. 3643544, 4747202, AND 4967463
EUROPEAN PATENT NO. 0152531 AND 0216980

Fairchild
CODE IDENT. NO.
5M902

MONOGRAM
CODE IDENT. NO.
98524

APPROVED DATE
08-13-87 ECN 5069
REV. LETTER AND DATE
"C" 05-30-02 ECN 1347

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
INTERNALLY THREADED, EXTERNAL SLEEVE
HIGH TEMPERATURE (A-286 ALLOY)
100° FLUSH TENSION HEAD, SELF-LOCKING
FRACTIONAL DIAMETER

STANDARD
PLT 5125
SHEET 2 OF 2