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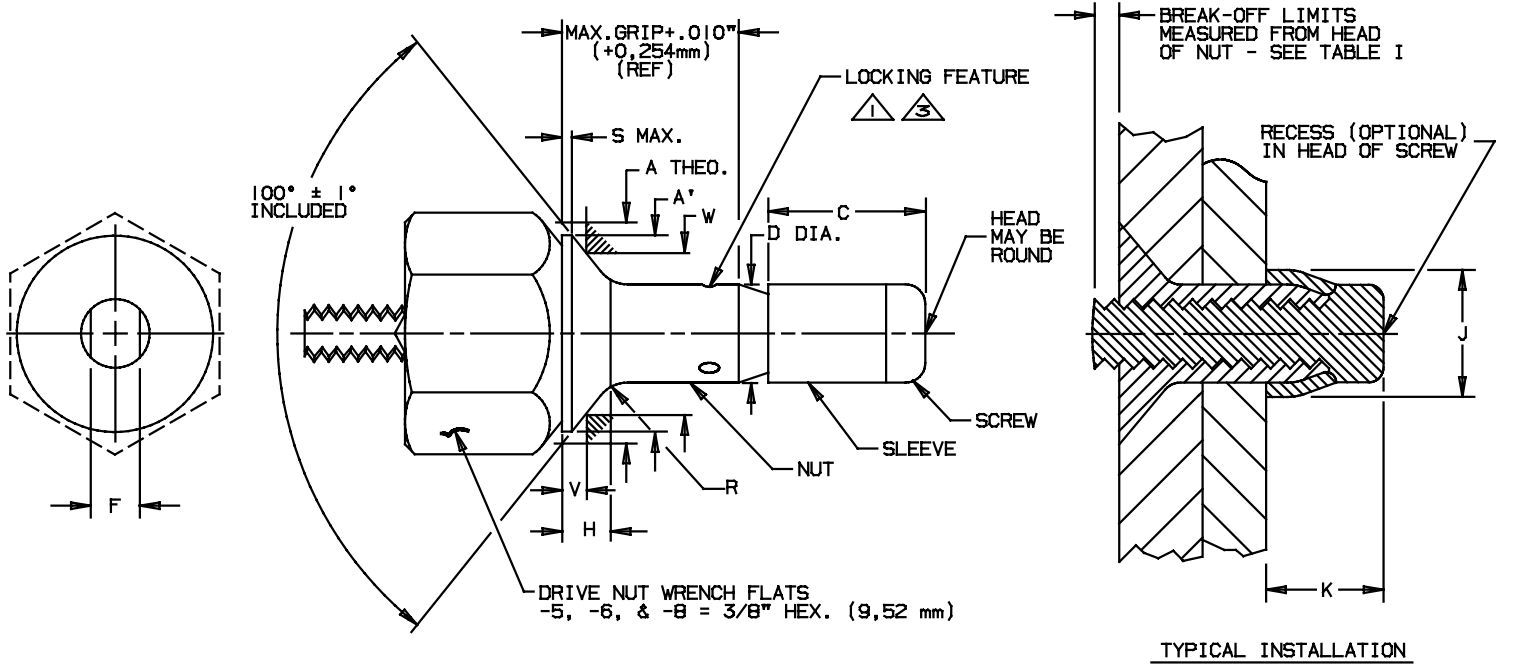


TABLE I

PART NUMBER	NOM. DIA.		A DIA. THEO.		A' DIA. MIN.		C MAX.		D DIA.		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
PLT 5130-5-()	.1635	4,153	.278	7,06	.259	6,58	.268	6,81	.1645	4,178	.086	2,18	.049	1,24	.244	6,20	.246	6,25	.030	0,77
PLT 5130-6-()	.1980	5,029	.333	8,46	.310	7,87	.303	7,70	.1990	5,055	.104	2,64	.061	1,55	.300	7,62	.281	7,14	.030	0,77
PLT 5130-8-()	.2590	6,579	.458	11,63	.430	10,92	.354	8,99	.2600	6,604	.135	3,43	.088	2,24	.384	9,75	.325	8,26	.030	0,77

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-LBS	Nm	LBS.	N	LBS.	N
PLT 5130-5-()	.010	0,25	.0346	0,879	.1992	5,060	+.088	+2,23	-2	.168	4,27	0,75	0,085	1920	8540	750	3336
PLT 5130-6-()	.012	0,31	.0389	0,988	.2440	6,198	+.098	+2,49	-2	.202	5,13	1,00	0,113	3100	13780	950	4230
PLT 5130-8-()	.015	0,38	.0550	1,397	.3314	8,418	+.098	+2,49	-2	.263	6,68	1,50	0,170	5300	23570	1500	6670

Fairchild

CODE IDENT. NO.
5M902

U.S. PATENT NO. 3643544 & 4747202

EUROPEAN PATENT NO. 0216980

MONOGRAM

CODE IDENT. NO.
98524

APPROVED DATE

05-28-85 ECN# 4154

REV. LETTER & DATE

ECN# 1333
05-20-02

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TITLE

VISU-LOK® II FASTENER, BLIND
100° FLUSH SHEAR HEAD NOMINAL DIAMETER
ALUMINUM NUT WITH ALLOY STEEL SCREW

STANDARD

PLT 5130

SHEET 1 OF 2

APPLICABLE SPECIFICATIONS:

PROCUREMENT SPECIFICATION = PLT 5000, CLASS 3, TYPE I
PART NUMBER ASSIGNMENT = PLT 5001
INSTALLATION AND REMOVAL = PLT 5002
SPECIAL LUBE AND FINISH = PLT 5003

MATERIAL:

NUT: ALUMINUM ALLOY 7075 PER QQ-A-225/9.
SCREW: ALLOY STEEL: 4130 PER MIL-S-6758, 4140 PER MIL-S-5626 OR 8740 PER MIL-S-6049.
SLEEVE: CORROSION RESISTANT STEEL; 303 PER AMS 5639 OR 304 PER AMS 5641
DRIVE NUT: MILD STEEL

HEAT TREAT:

NUT: T-6 CONDITION PER MIL-H-6088.
SCREW: HEAT TREAT PER MIL-H-6875 TO RC 39-43
SLEEVE: AS REQUIRED FOR PERFORMANCE
DRIVE NUT: AS REQUIRED FOR PERFORMANCE

TABLE II

2ND DASH NO.	GRIP RANGE \triangle			
	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

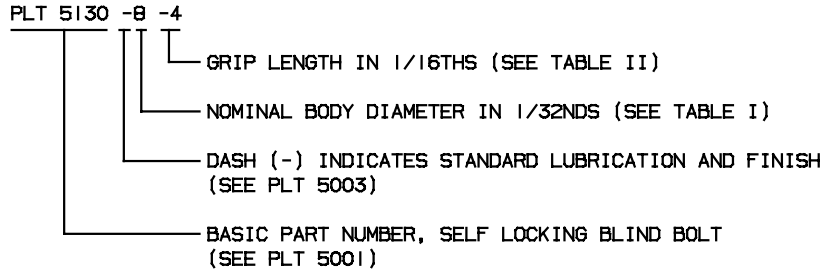
FINISH:

NUT: ANODIZE PER MIL-A-8625, TYPE II (CLEAR).
SCREW: CADMIUM PLATED PER QQ-P-416 TYPE II, CL. 2
SLEEVE: CADMIUM PLATE PER NAS 672 IS PERMISSIBLE PROVIDED IT IS FOLLOWED BY A DICHROMATE POST TREATMENT PER QQ-P-416
DRIVE NUT: PASSIVATE PER MIL-S-5002 CADMIUM PLATED PER QQ-P-416 TYPE I, CL. 3
CORROSION RESISTANT COATING. COLOR BLUE.

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:



GENERAL NOTES:

- \triangle 1 LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT
- \triangle 2 HALF GRIP SIZES MAY BE ORDERED BY ADDING .5 TO THE GRIP DASH NUMBER
EXAMPLE: PLT 5130-6-4.5 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)
- \triangle 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.) THE FASTENERS SHALL NOT BE SUBJECT TO SEATING TORQUE VALUES REQUIREMENTS SINCE ABSENCE OF ANY RECESS OR HEX ON TOP OF THE NUT, UNABLE TO PERFORM THE TORQUE TEST AFTER INSTALLATION.

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ALUMINUM NUT WITH ALLOY STEEL SCREW

STANDARD
PLT 5130
SHEET 2 OF 2