

TYPICAL INSTALLATION

TABLE 1

PART NUMBER	A THEO. DIA		B DIA MIN		D DIA		E DIA MAX		F WRENCH FLATS		G REF.		H REF.		L REF.		R RAD MAX		S MAX		T ACROSS HEX. REF	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
FCBF2134-5-()	.2612 .2564	6,634 6,513	.241	6,12	.167 .166	4,24 4,21	.1640	4,166	.085 .080	2,16 2,03	.017	0,43	.040	1,02	.512	13,00	.030	0,76	.009	0,229	.375	9,52
FCBF2134-6-()	.3016 .2966	7,661 7,534	.270	6,86	.201 .200	5,11 5,08	.1985	5,042	.113 .108	2,87 2,74	.027	0,68	.047	1,19	.575	14,61	.030	0,76	.011	0,279	.375	9,52
FCBF2134-7-()	.3410 .3360	8,661 8,534	.309	7,84	.230 .229	5,84 5,81	.2275	5,778	.121 .116	3,07 2,95	.035	0,89	.047	1,19	.635	16,13	.030	0,76	.011	0,279	.375	9,52
FCBF2134-8-()	.3948 .3898	10,028 9,901	.363	9,22	.262 .261	6,66 6,63	.2595	6,591	.135 .130	3,43 3,30	.055	1,40	.061	1,55	.700	17,78	.030	0,76	.011	0,279	.375	9,52
FCBF2134-9-()	.4364 .4314	11,084 10,957	.405	10,28	.292 .291	7,42 7,39	.2895	7,353	.152 .147	3,86 3,73	.065	1,65	.061	1,55	.815	20,70	.030	0,76	.011	0,279	.500	12,70
FCBF213410-()	.4739 .4689	12,037 11,910	.442	11,23	.314 .313	7,98 7,95	.3110	7,899	.152 .147	3,86 3,73	.070	1,78	.068	1,73	.892	22,66	.040	1,02	.014	0,356	.500	12,70
FCBF2134-11-()	.5071 .5021	12,880 12,753	.466	11,83	.346 .345	8,79 8,76	.3433	8,720	.185 .180	4,70 4,57	.075	1,90	.068	1,83	.941	23,90	.040	1,02	.015	0,381	.500	12,70
FCBF2134-12-()	.5604 .5554	14,234 14,107	.529	13,44	.377 .376	9,58 9,55	.3740	9,500	.185 .180	4,70 4,57	.080	2,03	.078	1,96	1,090	27,69	.040	1,02	.016	0,406	.500	12,70

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INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
A1	10/21/10	94301

APPROVED DATE	30 MAY 01
REV. LETTER AND DATE	A-12 JUN 02
DAF NUMBER	DAF 55455

Fairchild FAIRCHILD FASTENERS
 ENGINEERING CENTER
 3000 WEST LOMITA BOULEVARD
 TORRANCE, CA 90505

ACCU-LOK™ II, BLIND FASTENER FOR INTERFERENCE FIT APPLICATION IN METALLIC STRUCTURE 100° SHEAR HEAD A-286 STAINLESS (95 KSI Fsu CRES)

CAGE CODE	5M902
BLIND BOLTS PRODUCT	
FCBF2134	
SHEET	1 OF 3

SCANNED

Voi-Shan • Tridair • Screwcorp • Camloc • RAM

TABLE 1 (cont)

PART NUMBER	MINIMUM AVAILABLE GRIP LENGTH	INSTALLED DIMENSIONS								MECHANICAL PROPERTIES									
		RECOMMENDED HOLE SIZE		J DIA MIN		K MAX		BREAK OFF LIMITS <5>		TENSILE STRUCTURAL FAILURE (MIN) <7>		DOUBLE SHEAR MIN		LOCKING TORQUE MIN		V GAGE PROT.		W GAGE DIA	
		INCH	mm	INCH	mm	INCH	mm	INCH	mm	LBS.	N	LBS.	N	IN-LBS.	Nm	INCH	mm	INCH	mm
FCBF2134-5-()	-150	.166 .165	4,22 4,19	.250	6,35	.300	7,62	+.103 -.000	+2,62 -0,00	1400	6230	4150	18460	1.0	0,113	.0265 .0237	0,673 0,602	.1992 .1990	5,060 5,055
FCBF2134-6-()	-150	.200 .199	5,08 5,05	.300	7,62	.350	8,89	+.103 -.000	+2,62 -0,00	1600	7120	6000	26690	1.5	0,170	.0246 .0216	0,624 0,548	.2441 .2439	6,200 6,195
FCBF2134-7-()	-150	.229 .228	5,82 5,79	.350	8,89	.400	10,16	+.103 -.000	+2,62 -0,00	1600	7120	7850	34920	2.0	0,226	.0247 .0217	0,627 0,551	.2832 .2830	7,193 7,188
FCBF2134-8-()	-150	.261 .260	6,63 6,60	.400	10,16	.450	11,43	+.103 -.000	+2,62 -0,00	3000	13350	10200	45370	2.5	0,282	.0271 .0240	0,688 0,609	.3315 .3313	8,420 8,415
FCBF2134-9-()	-150	.291 .290	7,39 7,37	.450	11,43	.500	12,70	+.103 -.000	+2,62 -0,00	3000	13350	12700	56490	3.0	0,339	.0448 .0411	1,137 1,043	.3315 .3313	8,420 8,415
FCBF2134-10-()	-200	.313 .312	7,95 7,92	.475	12,06	.550	13,97	+.103 -.000	+2,62 -0,00	5000	22240	14650	65170	3.5	0,400	.0296 .0266	0,752 0,676	.4050 .4048	10,287 10,281
FCBF2134-11-()	-200	.345 .344	8,76 8,74	.525	13,33	.575	14,60	+.103 -.000	+2,62 -0,00	5000	22240	17800	79180	4.0	0,452	.0436 .0400	1,107 1,016	.4050 .4048	10,287 10,281
FCBF2134-12-()	-250	.376 .375	9,55 9,52	.575	14,60	.625	15,87	+.103 -.000	+2,62 -0,00	7000	31130	21150	94080	4.0	0,452	.0321 .0290	0,815 0,737	.4854 .4852	12,329 12,324

TABLE 2

2nd DASH NUMBER (GRIP)	GRIP RANGE				2nd DASH NUMBER (GRIP)	GRIP RANGE			
	MIN. GRIP		MAX. GRIP			MIN. GRIP		MAX. GRIP	
	INCH	mm	INCH	mm		INCH	mm	INCH	mm
100	.050	1,27	.100	2,54	950	.900	22,86	.950	24,13
150	.100	2,54	.150	3,81	1000	.950	24,13	1.000	25,40
200	.150	3,81	.200	5,08	1050	1.000	25,40	1.050	26,67
250	.200	5,08	.250	6,35	1100	1.050	26,67	1.100	27,94
300	.250	6,35	.300	7,62	1150	1.100	27,94	1.150	29,21
350	.300	7,62	.350	8,89	1200	1.150	29,21	1.200	30,48
400	.350	8,89	.400	10,16	1250	1.200	30,48	1.250	31,75
450	.400	10,16	.450	11,43	1300	1.250	31,75	1.300	33,02
500	.450	11,43	.500	12,70	1350	1.300	33,02	1.350	34,29
550	.500	12,70	.550	13,97	1400	1.350	34,29	1.400	35,56
600	.550	13,97	.600	15,24	1450	1.400	35,56	1.450	36,83
650	.600	15,24	.650	16,51	1500	1.450	36,83	1.500	38,10
700	.650	16,51	.700	17,78	1550	1.500	38,10	1.550	39,37
750	.700	17,78	.750	19,05	1600	1.550	39,37	1.600	40,64
800	.750	19,05	.800	20,32	1650	1.600	40,64	1.650	41,91
850	.800	20,32	.850	21,59	1700	1.650	41,91	1.700	43,18
900	.850	21,59	.900	22,86					

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INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
A1	10/21/10	94301

APPROVED DATE	30 MAY 01
REV. LETTER AND DATE	A 12 JUN 02
DAF NUMBER	DAF 55435

Fairchild FAIRCHILD FASTENERS
 ENGINEERING CENTER
 3000 WEST LOMITA BOULEVARD
 TORRANCE, CA 90505

CAGE CODE **5M902**
 BLIND BOLTS PRODUCT

ACCU-LOK™ II, BLIND FASTENER FOR INTERFERENCE FIT APPLICATION IN METALLIC STRUCTURE 100° SHEAR HEAD A-286 STAINLESS (95 KSI Fau CRES)

FCBF2134

SHEET 2 OF 3

SCANNED

544870

Voi-Shan · Tridair · Screwcorp · Camloc · RAM

MATERIAL AND HEAT TREAT:

NUT: A-286 STAINLESS STEEL PER CHEMICAL REQUIREMENTS OF AMS 5732,
HEAT TREATED AS REQUIRED FOR PERFORMANCE

COREBOLT: INCONEL 718 PER AMS 5662, HEAT TREATED TO 125 KSI Fsu

SLEEVE: 304 STAINLESS STEEL PER AMS 5639, HEAT TREATED AS REQUIRED FOR PERFORMANCE

INSERT: ACETAL PER ASTM D4181

DRYVCAP™: MILD STEEL

FINISH:

NUT, SLEEVE PASSIVATE PER AMS-QQ-P-35.

& COREBOLT: KAL-GARD ANN-RO #1013 CONVERSION COATING OPTIONAL

INSERT: NONE

DRYVCAP™: CORROSION RESISTANT COATING, COLOR BLACK

LUBRICANTS:

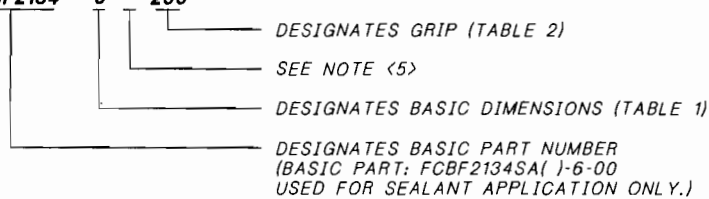
THE FOLLOWING LUBRICANTS MAY BE APPLIED TO ANY OR ALL COMPONENTS IN ANY COMBINATION AS REQUIRED FOR PERFORMANCE UNLESS OTHERWISE SPECIFIED: DRY FILM LUBE PER AS5272, TYPE I, EVERLUBE #812, PARAFFIN WAX, OR CETYL ALCOHOL PER MIL-L-87132.

APPLICABLE SPECIFICATIONS:

PROCUREMENT SPECIFICATION: FCBF200
SPECIAL LUBE AND FINISH: FCBF202

NOTES: UNLESS OTHERWISE SPECIFIED

1. PART CODE AND EXAMPLE: **FCBF2134 - 6 - 200**



2. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040" ABOVE INTERSECTION OF THE NUT NOSE ANGLE AND O.D.
- <3> ALTERNATE HEAD MARKING: "VS" AND "O".
4. COMPOSITE BLIND FASTENERS WITH SELECTED COMBINATIONS OF THE ABOVE LUBRICATIONS AND FINISHES ARE SPECIALLY CODED AND MAY BE SUBSTITUTED FOR EQUIVALENT NON-CODED PARTS AT MANUFACTURES OPTION. CONTACT FAIRCHILD ENGINEERING.
- <5> AN "L" IN PLACES OF THE DASH (-) BETWEEN THE DIAMETER DASH NUMBER AND THE GRIP DASH NUMBER DESIGNATES MODIFIED BREAK-OFF LIMITS OF +.053/-0.050. "e.g. FCBF2134()-6L200". AN "LL" DESIGNATES MODIFIED BREAK-OFF LIMITS OF +.003/-0.100 "e.g. FCBF2134()-6LL200".
- <6> DISTORTION SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND HOLE DIAMETER EQUAL TO MINIMUM RECOMMENDED HOLE. INSERTION FORCE SHALL NOT EXCEED 5.0 lbs.
- <7> PROPOSED MINIMUM TENSILE STRUCTURAL FAILURE VALUES.
8. THESE PARTS ARE INTENDED FOR APPLICATIONS REQUIRING UP TO A .002" DIAMETER INTERFERENCE FIT BETWEEN FASTENER SHANK AND STRUCTURE HOLE.

INTERIM DOCUMENT REVISION		
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A1	10/2/10	94308

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REV. LETTER AND DATE A 12 JUN 02		ACCU-LOK™ II, BLIND FASTENER FOR INTERFERENCE FIT APPLICATION IN METALLIC STRUCTURE 100° SHEAR HEAD A-286 STAINLESS (95 KSI Fsu CRES)
DAF NUMBER DAF 55455	SCANNED	SHEET 3 OF 3

544870