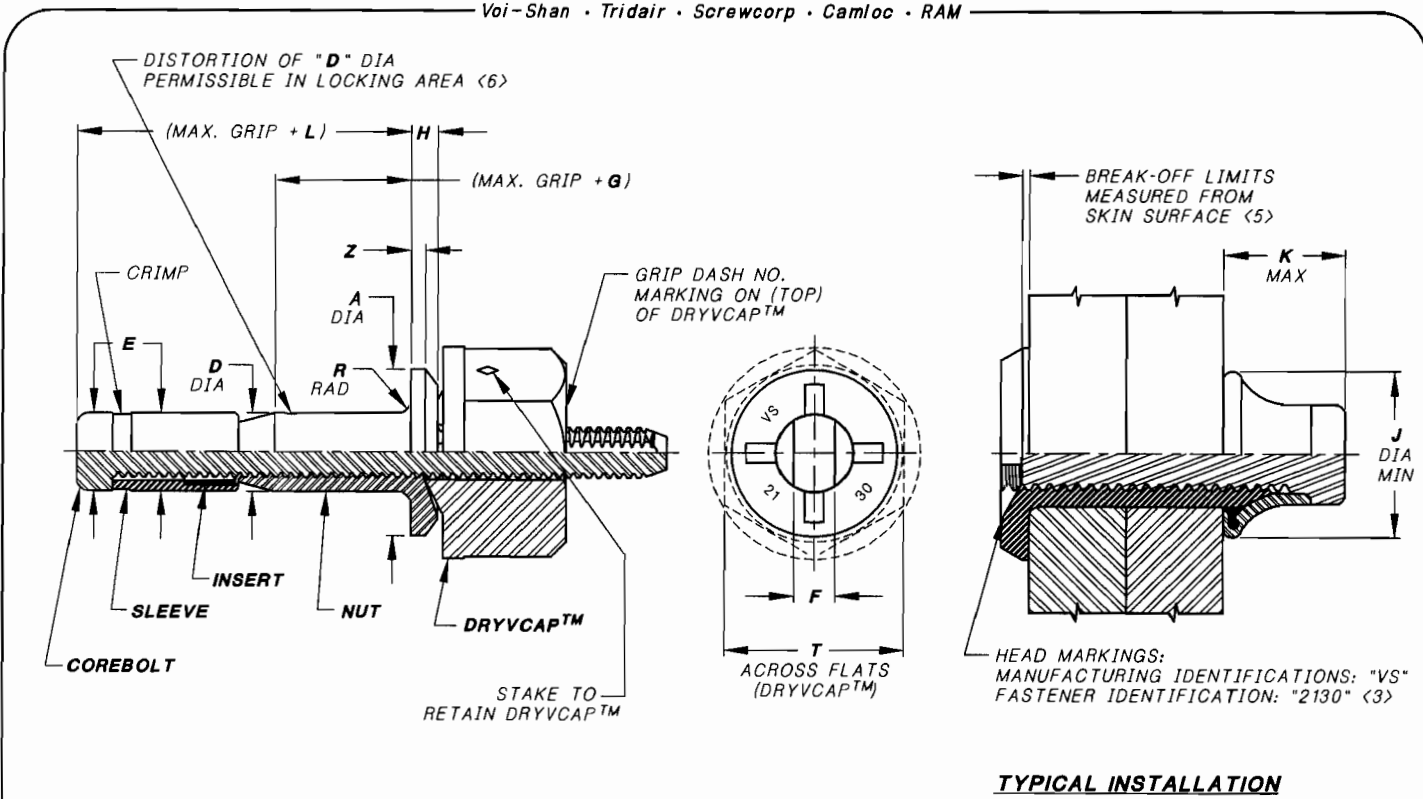


Voi-Shan · Tridair · Screwcorp · Camloc · RAM



TYPICAL INSTALLATION

TABLE 1

PART NUMBER	A DIA		D DIA		E DIA MAX		F WRENCH FLATS		G REF.		H		L REF.		R RAD MAX		T ACROSS HEX. REF.		Z MAX	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
FCBF2130-5-()	.359 .329	9,119 8,357	.167 .166	4,24 4,21	.1640 4,166	.085 .080	2,16 2,03	.017 0,43	.060 .053	1,524 1,346	.512 13,00	.030 0,76	.375 9,52	.030 0,762						
FCBF2130-6-()	.421 .391	10,693 9,931	.201 .200	5,11 5,08	.1985 5,042	.113 .108	2,87 2,74	.027 0,68	.070 .063	1,778 1,600	.575 14,61	.030 0,76	.375 9,52	.030 0,762						
FCBF2130-7-()	.421 .391	10,693 9,931	.230 .229	5,84 5,81	.2275 5,778	.121 .116	3,07 2,95	.035 0,89	.070 .063	1,778 1,600	.635 16,13	.030 0,76	.375 9,52	.030 0,762						
FCBF2130-8-()	.546 .516	13,868 13,106	.262 .261	6,66 6,63	.2595 6,591	.135 .130	3,43 3,30	.055 1,40	.085 .078	2,159 1,981	.700 17,78	.030 0,76	.375 9,52	.040 1,016						
FCBF2130-9-()	.546 .516	13,868 13,106	.292 .291	7,42 7,39	.2895 7,353	.152 .147	3,86 3,73	.065 1,65	.085 .078	2,159 1,981	.815 20,70	.030 0,76	.500 12,70	.040 1,016						
FCBF2130-10-()	.640 .610	16,256 15,494	.314 .313	7,98 7,95	.3110 7,899	.152 .147	3,86 3,73	.070 1,78	.105 .098	2,667 2,489	.892 22,66	.040 1,02	.500 12,70	.045 1,143						
FCBF2130-11-()	.640 .610	16,256 15,494	.346 .345	8,79 8,76	.3433 8,720	.185 .180	4,70 4,57	.075 1,90	.105 .098	2,667 2,489	.941 23,90	.040 1,02	.500 12,70	.045 1,143						
FCBF2130-12-()	.765 .735	19,431 18,669	.377 .376	9,58 9,55	.3740 9,500	.185 .180	4,70 4,57	.080 2,03	.125 .118	3,175 2,997	1,090 27,69	.040 1,02	.500 12,70	.045 1,143						

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INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
A1	10/24/10	44301

APPROVED DATE	22 MAY 01
REV. LETTER AND DATE	A 11 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 LOW PROFILE PROTRUDING HEAD A286 STAINLESS (95 KSI Fau CRES)

CAGE CODE	5M902
BLIND BOLTS PRODUCT	
FCBF2130	
SHEET 1 OF 3	

SCANNED

54486

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	
		INCH	mm	INCH	mm	INCH	mm	INCH	mm	LBS.	N	LBS.	N	IN-LBS.	Nm
FCBF2130-5-()	-100	.166 .165	4,22 4,19	.250	6,35	.300	7,62	+1.03 -0.00	+2,62 -0,00	1,400	6,230	4,150	18,460	1.0	0,113
FCBF2130-6-()	-100	.200 .199	5,08 5,05	.300	7,62	.350	8,89	+1.03 -0.00	+2,62 -0,00	1,600	7,120	6,000	26,690	1.5	0,170
FCBF2130-7-()	-100	.229 .228	5,82 5,79	.350	8,89	.400	10,16	+1.03 -0.00	+2,62 -0,00	1,600	7,120	7,850	34,920	2.0	0,226
FCBF2130-8-()	-150	.261 .260	6,63 6,60	.400	10,16	.450	11,43	+1.03 -0.00	+2,62 -0,00	3,000	13,350	10,200	45,370	2.5	0,282
FCBF2130-9-()	-150	.291 .290	7,39 7,37	.450	11,43	.500	12,70	+1.03 -0.00	+2,62 -0,00	3,000	13,350	12,700	56,490	3.0	0,339
FCBF2130-10-()	-150	.313 .312	7,95 7,92	.475	12,06	.550	13,97	+1.03 -0.00	+2,62 -0,00	5,000	22,240	14,650	65,170	3.5	0,400
FCBF2130-11-()	-150	.345 .344	8,76 8,74	.525	13,33	.575	14,60	+1.03 -0.00	+2,62 -0,00	5,000	22,240	17,800	79,180	4.0	0,452
FCBF2130-12-()	-150	.376 .375	9,55 9,52	.575	14,60	.625	15,87	+1.03 -0.00	+2,62 -0,00	7,000	31,130	21,150	94,080	4.0	0,452

TABLE 2

2nd DASH NUMBER (GRIP)	GRIP RANGE			
	MIN. GRIP		MAX. GRIP	
	INCH	mm	INCH	mm
100	.050	1,27	.100	2,54
150	.100	2,54	.150	3,81
200	.150	3,81	.200	5,08
250	.200	5,08	.250	6,35
300	.250	6,35	.300	7,62
350	.300	7,62	.350	8,89
400	.350	8,89	.400	10,16
450	.400	10,16	.450	11,43
500	.450	11,43	.500	12,70
550	.500	12,70	.550	13,97
600	.550	13,97	.600	15,24
650	.600	15,24	.650	16,51
700	.650	16,51	.700	17,78
750	.700	17,78	.750	19,05
800	.750	19,05	.800	20,32
850	.800	20,32	.850	21,59
900	.850	21,59	.900	22,86
950	.900	22,86	.950	24,13
1000	.950	24,13	1.000	25,40
1050	1.000	25,40	1.050	26,67
1100	1.050	26,67	1.100	27,94
1150	1.100	27,94	1.150	29,21

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
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APPROVED DATE
22 MAY 01

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

CAGE CODE **5M902**
BLIND BOLTS PRODUCT

REV. LETTER AND DATE
~~A 11 JUN 02~~

ACCU-LOK™ II, BLIND FASTENER FOR INTERFERENCE FIT APPLICATION IN METALLIC STRUCTURE LOW PROFILE PROTRUDING HEAD A286 STAINLESS (95 KSI Fau CRES)

FCBF2130
SHEET 2 OF 3

DAF NUMBER
~~DAF 33433~~

SCANNED

944867

MATERIAL AND HEAT TREAT:

- NUT: A-286 STAINLESS STEEL PER CHEMICAL REQUIREMENTS OF AMS5732. HEAT TREATED AS REQUIRED FOR PERFORMANCE.
- COREBOLT: INCONEL 718 PER AMS5662, HEAT TREATED TO 125 KSI Fsu.
- SLEEVE: 304 STAINLESS STEEL PER AMS5639, HEAT TREATED AS REQUIRED FOR PERFORMANCE.
- INSERT: ACETAL PER ASTM D4181
- DRYVCAP™: MILD STEEL.

FINISH:

- NUT, SLEEVE & COREBOLT: PASSIVATE PER AMS-QQ-P-35. 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: **FCBF2130 - 8 - 100**
 - DESIGNATES GRIP (TABLE 2)
 - SEE NOTE <5>
 - DESIGNATES BASIC DIMENSIONS (TABLE 1)
 - DESIGNATES BASIC PART NUMBER (BASIC PART: FCBF2130SA()-6-100 USED FOR SEALANT APPLICATION ONLY.)
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 MANUFACTURE'S OPTION. CONTACT FAIRCHILD ENGINEERING.
- <5> AN "L" IN PLACE OF THE DASH (-) BETWEEN THE DIAMETER DASH NUMBER AND THE GRIP DASH NUMBER DESIGNATES MODIFIED BREAK-OFF LIMITS OF +.053/-0.050. "EX: FCBF2130()-6L200". AN "LL" DESIGNATES MODIFIED BREAK-OFF LIMITS OF +.003/-0.100. "EX: FCBF2130()-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" DIAMETRAL INTERFERENCE FIT BETWEEN FASTENER SHANK AND STRUCTURE HOLE.

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LOW PROFILE PROTRUDING HEAD
A286 STAINLESS (95 KSI Fau CRES)

CAGE CODE	5M902
BLIND BOLTS PRODUCT	
FCBF2130	
SHEET	3 OF 3

SCANNED

54186