

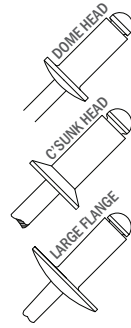


RIVETKING® RIVET IDENTIFICATION GUIDE



STANDARD BLIND RIVETS

OPEN END	CLOSED END
 <p>ALL ALUMINUM - ABA ALUMINUM / STEEL - ABS</p> <p>ALL STEEL - SBS STAINLESS STEEL / STEEL - FBS</p> <p>ALL STAINLESS - FBF</p> <p>COPPER / BRASS - CBB BRASS - CBB</p> <p>COPPER / STEEL - CBS COPPER PLATED MANDREL</p>	 <p>ALL ALUMINUM - ABA-CE</p> <p>ALU / STEEL - ABS-CE ALL STEEL - SBS-CE</p> <p>ALL STAINLESS - FBF</p>
PAGES 16-21	PAGES 23-26







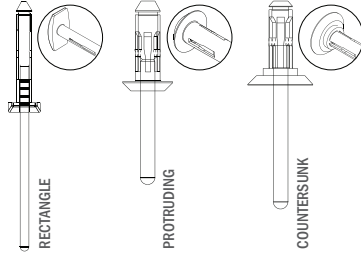
ALL PRODUCTS ARE AVAILABLE IN:








MULTIGRIP™ BLIND RIVETS

MULTIGRIP-RT™	MULTIGRIP-CT™
 <p>ALL ALUMINUM - ABA-RT ALU / STEEL - ABS-RT ALL STEEL - SBS-RT ALL STAINLESS STEEL - FBF-RT</p>	 <p>ALU / STEEL - ABS-RT ALL STEEL - SBS-RT ALL STAINLESS STEEL - FBF-RT</p>
PAGES 27-28	PAGES 29-30

SEMI-STRUCTURAL BLIND RIVETS

RPK®	RIVEX®	RIVINOX®	RIVIBULB®	CHECKMATE® 2PCS	TRI-FIX (TRI-FOLDING) & SUPERTRIFIX™	PLASTIC TRIFIX® RIVETS
 <p>ALL ALUMINUM - ABQ ALL STEEL - SRO ALL STAINLESS - FBQ</p>	 <p>ALL ALUMINUM - SBS-RVX ALL STEEL - ABA-RIX ALL STAINLESS - FBF-RVX</p>	 <p>ALL STAINLESS - FBF-RIVINOX</p>	 <p>ALL STEEL - SBS-RVB</p>	 <p>ALL ALUMINUM - ABACM ALL STEEL - SBS-CM ALUMINUM / STEEL - ABS-CM</p>	 <p>ALL ALUMINUM - ABL</p> <p>PRINTED</p> <p>LARGE FLANGE - ABL-LF16</p> <p>ALL ALUMINUM - ABL-STFX (STRUCTURAL) SUPERTRIFIX</p>	 <p>RECTANGLE</p> <p>PROTRUDING</p> <p>COUNTERSUNK</p>
PAGE 31	PAGE 32	PAGE 33	PAGE 33	PAGE 34	PAGES 35-36	PAGE 53





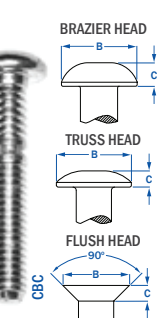
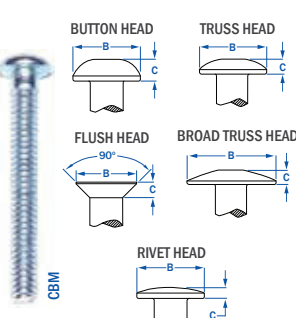

SPECIAL BLIND RIVETS

GROOVED™	PLR™ RIVET	QUICKSNAP®	LONG LENGTH RIVET	DRIVE RIVETS
 <p>ALUMINUM / STEEL - ABS-GROOVED</p>	 <p>ALL STEEL - ABS-PLR</p>	 <p>BRASS, NICKEL PLATED RIVET STAINLESS STEEL MANDREL - BSSH</p>	 <p>ALUMINUM / STEEL - ABS-LONGLENGTH</p>	 <p>ALL MATERIALS - DR</p>
PAGE 36	PAGE 37	PAGE 38	PAGE 39	PAGES 50-52

TRADE NAME CROSS REFERENCE CHART

RIVETKING®	AVDEL®	POP®	HUCK®	MARSON®	GESIPA®
MultiGripCT™	Avex®	Peel	-	MultiGrip™	PolyGrip®
MultiGripRT™	-	-	-	-	-
TriFix™	Bulbex®	LSH®	Tri-Bulb™	-	TriFold
SuperTriFix™	TLR®	-	Magna-Tite™	-	BulbTite®
Checkmate®	Cherrymate™	-	-	-	-
Tigerbolt®	MonoBolt®	-	-	-	-
In-Lock®	Interlock®	-	Magna-lok™	Klik-Lock™	MegaGrip®
StemLock™	Hemlok®	UltraGrip®	Auto-Bulb™	-	-
Rivex®	Stavex®	-	-	-	-
Rivinox®	Avinox®	-	-	-	-
Rivibulb®	AviBulb®	-	-	-	-

STRUCTURAL BLIND RIVETS

TIGERBOLT®	IN-LOCK®	STEMLOCK®	RIVBOLT™	COLLAR BOLT FIXED GRIP	COLLAR BOLT MULTI GRIP	COLLAR
 <p>ALL STEEL - SBS-TB</p> <p>ALL STAINLESS - FBF-TB</p> <p>COUNTERSUNK - SCS-TB</p> <p>ALL ALUMINUM - ABA-TB</p>	 <p>ALL ALUMINUM - ABS-STR</p> <p>ALL STEEL - SBS-STR</p>	 <p>ALL STAINLESS - FBF-STR</p>	 <p>ALL STEEL - STM ALL ALUMINUM - STMA</p>	 <p>BRAZIER HEAD</p> <p>TRUSS HEAD</p> <p>FLUSH HEAD</p> <p>B/C</p>	 <p>BUTTON HEAD</p> <p>TRUSS HEAD</p> <p>FLUSH HEAD</p> <p>BROAD TRUSS HEAD</p> <p>RIVET HEAD</p> <p>B/M</p>	
PAGE 40	PAGE 41	PAGE 42	PAGE 43	PAGE 44	PAGE 46	PAGE 44

LSR LOAD® SPREADING, PEEL RIVET®, WELL-NUT®, ULTRAGRIP®, GROOVED RIVETS, JACK-NUT®, HR RIVET®, EASY ENTRY®, POPNUT®, SOFT SET®, CLOSED END, PROSET®, MULTIGRIP™, OPEN END, PRG SERIES, POPMATIC RIVET TOOLS® ARE REGISTERED TRADEMARKS OF POP® EMMHART FASTENING TECHNOLOGIES, INDUSTRIAL DIVISION, A BLACK & DECKER COMPANY. GRIPRITE, OPEN END, CLOSED END, MULTI-GRIP®, TRI-BULB®, KLIK-LOCK®, MAGNATITE®, CBL®, KLIK RIVET NUTS®, MAGNALOK®, CSOL®, KLIK-SERTS/POLYNUTS®, AUTO-BULK/MANABULB®, C120L®, 302E / 304E, STRONGHOLD™, MAGNAGRIP®, M SERIES, AUTOCLAMP®, BOM RIVET®, V SERIES, PEEL®, HUCKTAINER®, KLIK-FAST®, FLOORTITE, FI SERIES ARE REGISTERED TRADEMARKS OF HUCK® - MARSON®, ALCOA FASTENING SYSTEMS, AVEX®, AVIBULB®/AVINOX®, SUPERSERT®, BULBEX®, EARTHTAB RIVET, GENESIS TOOLS®, KLAMPITTE®/TLR, BRIV®, AVDEL SPEED FASTENING®, MONOBOLT®, CHOBERT®, N RIVET, INTERLOCK®, RIVSCREW®, SR RIVET, HEMLOK®, GROVIT®, Q-RIVET®, STAVEX®, CHERRYIMATE®, AVTRONIC®, AVEDELOK®, MAXLOK®, CAMTAINER®, VERSANUT® ARE REGISTERED TRADEMARKS OF AVDEL®, ACUMENT™ GLOBAL TECHNOLOGIES COMPANY, COPYRIGHT © 2007 ACUMENT™ INTELLECTUAL PROPERTIES LLC.

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RIVETKING® PRODUCT OVERVIEW

BLIND RIVETS • COLLAR BOLTS • RIVET NUTS • TOOLS • QUICKRIVETS • DRIVE RIVETS



BLIND RIVETS

LIGHT DUTY	MEDIUM DUTY	HEAVY DUTY (STRUCTURAL)	FIXED HOLE SIZE	VARIABLE / OVERSIZE HOLE	FIXED GRIP RANGE	VARIABLE GRIP RANGE	EXTRA WIDE GRIP RANGE	WEATHER RESISTANT / WATERTIGHT	FASTENING TO METAL	FOR THIN, SOFT OR BRITTLE MATERIALS	FASTENING TO WOOD	FASTENING TO MANDREL (HIDDEN)	INTERNALLY LOCKED MANDREL (VISIBLE)	EXTERNALLY LOCKED MANDREL	NON-MECHANICAL LOCKED MANDREL	AESTHETIC BACKSIDE PORTRUSION	REMOVABLE	INCREASED ASSEMBLY SPEED
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RIVETKING®	POP®	AVDEL®	HUCK®	GESIPA®	MARSON®	CELUS®												
STANDARD BLIND RIVETS																		
OPEN END	OPEN END	N RIVET	GRIPRITE	OPEN END	OPEN END	OPEN END	◆											
CLOSED END	CLOSED END	SR RIVET		CAP RIVETS®	CLOSED END	CLOSED END	◆											
MULTIGRIP™ RIVETS																		
MULTI-GRIP-RT™ MULTI-GRIP-CT™	MULTIGRIP™	AVEX®		POLYGRIP	MULTI-GRIP™	MULTIGRIP™	◆											
TRI-FOLDING / LOAD SPREADING RIVETS																		
TRIFIX™	LSR LOAD® SPREADING	BULBEX®		TRI-FOLD®	TRI-BULB®	CELUSPLIT®	◆											
SUPERTRIFIX™		KLAMPTITE® / TLR*	MAGNATITE®	BULB-TITE®			◆											
STRUCTURAL BLIND RIVETS																		
TIGERBOLT®		MONOBOLT®				TIGERBOLT®												
IN-LOCK®	ULTRAGRIP®	INTERLOCK®	MAGNALOK®	MEGAGRIP®	KLIK-LOCK®													
STEMLOCK™		HEMLOK®	AUTO-BULB / MAGNABULB®		KLIK-FAST®													
RIVBOLT™			BOM™															
SEMI-STRUCTURAL BLIND RIVETS																		
RKQ™		Q-RIVET®	STRONGHOLD™															
RIVEX®		STAVEX®																
RIVINOX® / RIVIBULB®	HR RIVET®	AVIBULB® / AVINOX®																
EXTRA WIDE GRIP RIVETS																		
CHECKMATE®		CHERRYMATE®																
TUBERIVETS™			AUTOCLAMP®															
SPECIALITY BLIND RIVETS																		
GENTLESET™	SOFT SET®																	
EASY ENTRY™	EASY ENTRY®																	
GROOVED RIVETS	GROOVED RIVETS			GROOVED RIVETS														
PLR™ RIVETS	PEEL RIVET		PEEL	PEEL														
QUIKSNAP®						QUIKSNAP®												
SPEED FASTENING™ / QUICKRIVETING																		
ZIPRIV™		BRIV®																
ZIPSHO™		CHOBERT®																
ZIPSCREW™		RIVSCREW®																
ZIPGROOVE™		GROVIT®																
ZIPTRONIC™		AVTRONIC®																

◆ STANDARD FEATURE ◆ APPLICATION / PRODUCT DEPENDENT

LSR LOAD® SPREADING, PEEL RIVET®, WELL-NUT®, ULTRAGRIP®, GROOVED RIVETS, JACK-NUT®, HR RIVET®, EASY ENTRY®, POPNUT®, SOFT SET®, CLOSED END, PROSET®, MULTIGRIP™, OPEN END, PRG SERIES, POPMATIC RIVET TOOLS® ARE REGISTERED TRADEMARKS OF **POP® EMHART FASTENING TECHNOLOGIES, INDUSTRIAL DIVISION, A BLACK & DECKER COMPANY.**
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Call Rivet USA (a division of Cardinal Components) to Order or for Quote

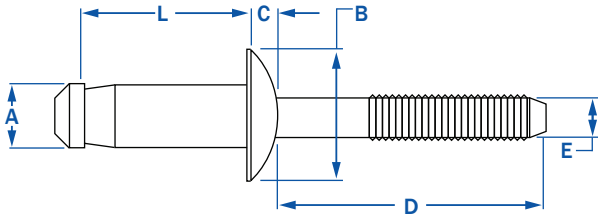
800-236-3200 | info@cardinalcomponents.com | www.rivetusa.com

RIVETKING® STEMLOCK®

THE FOLLOWING PRODUCT IS COVERED UNDER THE FOLLOWING PATENT/TRADENAME: 3,504,665

STRUCTURAL BLIND RIVETS • STEEL/ ALUMINUM

STRUCTURAL BLIND RIVETS



AVAILABLE MATERIALS: ALL STEEL, ALL ALUMINUM DOME HEAD

The Stemlock® is an advanced structural fastening solution that has among the highest shear and tensile values available because the mandrel is locked into the shear plane. The internal locking mechanism insures positive mandrel retention and will break flush with the head. The Stemlock® is designed to form a bearing surface flange at the rear side of the substrate. This rear flange is perfect for thin sheets or imperfect holes offering impressive clamp up forces without deforming the substrate.



RIVET SIZE	PART NUMBER	GRIP RANGE MIN. - MAX.	RIVET LENGTH MAX	STANDARD FLANGE			MANDREL DIA. DIA.	BACKSIDE CLEARANCE MIN.	SHEAR STRENGTH LBF	TENSILE STRENGTH LBF
				A	B	C				
				BODY DIA.	HEAD DIA. MAX.	HEAD HEIGHT MAX.				
1/4"	STMS-0812	.068 - .138	.539	.263 .271	.530	.110	N/R	.480	2,360	1,978
	STMS-0813	.110 - .189	.590						2,698	
	STMS-0814	.132 - .211	.612						2,810	
	STMS-0815	.189 - .268	.669						2,810	
	STMS-0817	.268 - .346	.747						3,147	
	STMS-0818	.295 - .374	.775						3,372	
	STMS-0819	.346 - .425	.826						3,597	
	STMS-0821	.425 - .504	.905						3,597	
1/4"	STMA-0812	.068 - .138	.539	.263 .271	.530	.110	N/R	.480	1,124	600
	STMA-0813	.110 - .189	.590						1,349	
	STMA-0814	.132 - .211	.612						1,394	
	STMA-0815	.189 - .268	.669						1,460	
	STMA-0817	.268 - .346	.747						1,574	
	STMA-0818	.295 - .374	.775						1,574	
	STMA-0819	.346 - .425	.826						1,574	
	STMA-0821	.425 - .504	.905						1,574	



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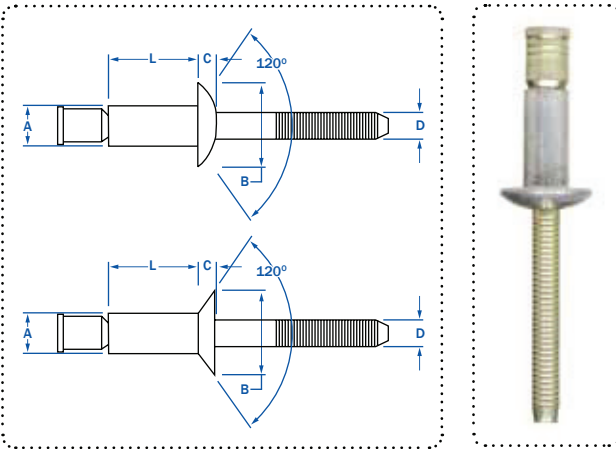
RIVETKING® TIGERBOLT®

THE FOLLOWING PRODUCT IS COVERED UNDER THE FOLLOWING PATENT/TRADEMARK: 2,386,588

STRUCTURAL BLIND RIVETS • EXTERNAL LOCKING

AVAILABLE IN STEEL, ALUMINUM, AND STAINLESS STEEL

* A Special nose piece is required to set externally locked structural blind rivets.



The RivetKing® Tigerbolt® is a structural rivet with an external locking feature. This locking feature is visible after the rivet is applied. When applied, the special nose piece that is required to set the rivet creates a small expansion of a shoulder on the mandrel in a pocket located on the surface of the rivet head. The locking feature can then be inspected and confirmed to be effective during assembly. The Tigerbolt® has a stronger clamp up than the In-lock® and is tighter at minimum grip. The mandrel is retained within the shear plane yielding high strength under shear loads and the external lock insures positive mandrel retention which results in high strength under pullout loads. Typically used in the manufacturing or repair of truck bodies, the Tigerbolt® is leak resistant and has excellent clamp-up force. The Tigerbolt® has a wide grip range and is offered in two diameters and two lengths. The mandrel breaks flush with the head when applied and is set with a special nose piece.



MATERIAL	PART NUMBER	RIVET SIZE	GRIP RANGE		HEAD STYLE	LENGTH	HEAD DIA	HEAD HEIGHT	MANDREL DIA	HOLE SIZE	SHEAR	TENSILE	MANDREL PUSHOUT
			MIN. - MAX.	MAX									
ALUMINUM	ABA - 64 - TB	3/16"	.062 - .250	Dome	.416	.400	.090	.118	.194 - .204 (#10)	674	495	50	
	ABA - 67 - TB		.062 - .437	Dome	.577								
	ABA - 86 - TB	1/4"	.080 - .375	Dome	.556	.530	.117	.157	.261 - .276 (G)	1349	944	100	
	ABA - 810 - TB		.080 - .625	Dome	.847								
	ACA - 88 - TB		.125 - .500	C'sunk	.722								.420
STEEL	SBS - 64 - TB	3/16"	.062 - .250	Dome	.297	.400	.090	.118	.194 - .204 (#10)	1438	1147	100	
	SBS - 67 - TB		.062 - .437	Dome	.360								
	SBS - 86 - TB	1/4"	.080 - .375	Dome	.422	.530	.117	.157	.261 - .276 (G)	2675	2360	250	
	SBS - 810 - TB		.080 - .625	Dome	.485								
	SCS - 88 - TB		.125 - .500	C'sunk	.547								.420
STAINLESS	FBF - 64 - TB	3/16"	.062 - .250	Dome	.375	.400	.090	.118	.194 - .204 (#10)	1438	1146	100	
	FBF - 67 - TB		.062 - .437	Dome	.437								
	FBF - 86 - TB	1/4"	.080 - .375	Dome	.500	.530	.117	.157	.261 - .276 (G)	2630	2360	250	
	FBF - 810 - TB		.080 - .625	Dome	1.195								
	FCF - 88 - TB		.125 - .500	C'sunk	1.320								.420



RIVETKING® IN-LOCK®

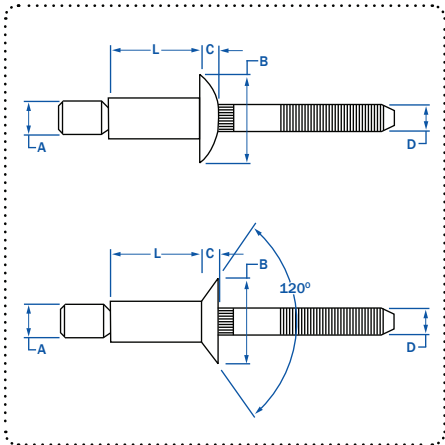
THE FOLLOWING PRODUCT IS COVERED UNDER THE FOLLOWING PATENT/TRADEMARK: 77/613,050

STRUCTURAL BLIND RIVETS • INTERNAL LOCKING

AVAILABLE IN STEEL, ALUMINUM, AND STAINLESS STEEL

* Any nose piece can be used. No special requirement.

COMPLIANT WITH IFI 134



The RivetKing® In-Lock® is a structural rivet with an internal locking feature. The locking feature is not visible when the rivet is applied. The mandrel is retained within the shear plane yielding high strength under shear loads and the internal lock insures positive mandrel retention which results in high strength under pullout loads. Typically used in the manufacturing or repair of truck bodies, the In-Lock® is leak resistant and has excellent clamp-up force. The In-Lock® has a wide grip range and is offered in two diameters and two lengths. The mandrel breaks flush with the head when applied and is set without a special nose piece.

STRUCTURAL BLIND RIVETS

MATERIAL	PART NUMBER	A		HEAD STYLE	L		B	C	D		SHEAR	TENSILE	MANDREL PUSHOUT
		RIVET SIZE	GRIP RANGE		LENGTH	HEAD DIA.	HEAD HEIGHT	MANDREL DIA.	HOLE SIZE				
			MIN. - MAX.		MAX.	NOM.	NOM.	REF.	MIN. - MAX.	LBS.F	LBS.F	LBS.F	
ALUMINUM	ABA - 64 - STR	3/16"	.062 - .270	Dome	.415	.385	.085	.118	.191 - .201 (#10)	550	450	50	
	ABA - 67 - STR		.214 - .437	Dome	.572								
	ABA - 67E - STR		.062 - .437	Dome	.572								
	ABA - 86 - STR	1/4"	.080 - .375	Dome	.560	.525	.117	.157	.261 - .272 (G)	1270	830	100	
	ABA - 810 - STR		.350 - .625	Dome	.810								
	ABA - 810E - STR		.080 - .625	Dome	.810								
	ACA - 88 - STR		.160 - .475	C'sunk	.660								
	ABA - 1212 - STR	3/8"	.120 - .560	Dome	.843	.770	.177 MAX	.232	.392 - .408	2950	1900	250	
STEEL	SBS - 64 - STR	3/16"	.062 - .270	Dome	.415	.385	.085	.118	.194 - .204 (#10)	1300	1000	150	
	SBS - 67 - STR		.214 - .437	Dome	.572								
	SBS - 67E - STR		.062 - .437	Dome	.572								
	SBS - 86 - STR	1/4"	.080 - .375	Dome	.560	.525	.117	.157	.261 - .276 (G)	2400	1850	300	
	SBS - 810 - STR		.350 - .625	Dome	.810								
	SBS - 810E - STR		.080 - .625	Dome	.810								
	SCS - 88 - STR		.160 - .475	C'sunk	.660								
	SBS - 1212 - STR	3/8"	.120 - .560	Dome	.843	.770	.177 MAX	.232	.392 - .408	5600	4000	650	
STAINLESS	FBF - 64 - STR	3/16"	.062 - .270	Dome	.415	.385	.090	.118	.194 - .204 (#10)	1300	1000	100	
	FBF - 67 - STR		.214 - .437	Dome	.572								
	FBF - 67E - STR		.062 - .437	Dome	.572								
	FBF - 86 - STR	1/4"	.080 - .375	Dome	.560	.525	.117	.157	.261 - .276 (G)	2400	1850	200	
	FBF - 810 - STR		.350 - .625	Dome	.810								
	FBF - 810E - STR		.080 - .625	Dome	.810								
	FCF - 88 - STR		.160 - .475	C'sunk	.660								



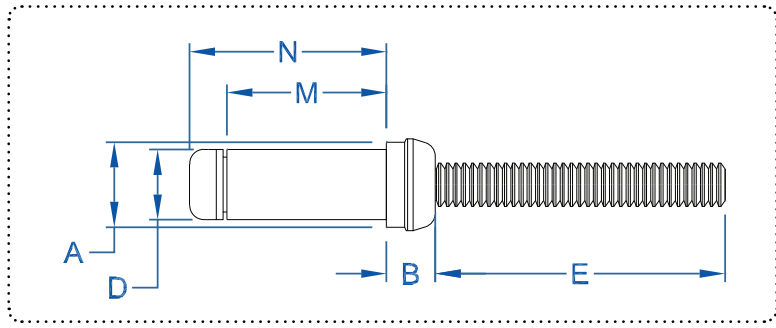
Call Rivet USA (a division of Cardinal Components) to Order or for Quote

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RIVETKING® RIVBOLT™

THE FOLLOWING PRODUCT IS COVERED UNDER THE FOLLOWING PATENT/TRADENAME: 3,504,676

STEEL/ STEEL



The RivetKing® RivBolt™ is ideal for high strength blind precision applications. The RivetKing® RivBolt™ is engineered for the truck/trailer, HVAC, automotive, rail car and structural racking systems. The RivetKing® RivBolt™ has a high shear and tensile value with clamp up for vibration resistance.

Tamper proof easy install from one side of the application with RivetKing® RK-756 or RK-745 tools. The RivetKing® RivBolt™ will break flush in the proper grip range.

MINIMUM VALUES IN NOMINAL GRIP**

PART NUMBER	DIAMETER	GRIP RANGE	A	B	C	D	E	M	N	SHEAR	TENSILE	HOLE DIAMETER
					MAX.			REF.	MAX.			
RB6-2	3/16"	.093-.156	.276-.286	.152-.168	.015	.196-.206	.785	.376	.500	2800	1800	.208-.222
RB6-3	3/16"	.157-.219	.276-.286	.152-.168	.015	.196-.206	.785	.439	.562	2800	1800	.208-.222
RB6-4	3/16"	.220-.281	.276-.286	.152-.168	.015	.196-.206	.785	.501	.625	2800	1800	.208-.222
RB6-5	3/16"	.282-.344	.276-.286	.152-.168	.015	.196-.206	.785	.564	.687	2800	1800	.208-.222
RB6-6	3/16"	.345-.406	.276-.286	.152-.168	.015	.196-.206	.785	.626	.750	2800	1800	.208-.222
RB6-7	3/16"	.407-.469	.276-.286	.152-.168	.015	.196-.206	.785	.689	.812	2800	1800	.208-.222
RB6-8	3/16"	.470-.531	.276-.286	.152-.168	.015	.196-.206	.785	.751	.875	2800	1800	.208-.222
RB6-9	3/16"	.532-.594	.276-.286	.152-.168	.015	.196-.206	.785	.814	.937	2800	1800	.208-.222
RB6-10	3/16"	.595-.656	.276-.286	.152-.168	.015	.196-.206	.785	.876	1.000	2800	1800	.208-.222
RB6-11	3/16"	.657-.719	.276-.286	.152-.168	.015	.196-.206	.785	.939	1.062	2800	1800	.208-.222
RB6-12	3/16"	.720-.781	.276-.286	.152-.168	.015	.196-.206	.785	1.001	1.125	2800	1800	.208-.222
RB8-2	1/4"	.093-.156	.368-.380	.205-.225	.020	.262-.275	.860	.460	.620	5100	3250	.277-.292
RB8-3	1/4"	.157-.219	.368-.380	.205-.225	.020	.262-.275	.860	.523	.682	5100	3250	.277-.292
RB8-4	1/4"	.220-.281	.368-.380	.205-.225	.020	.262-.275	.860	.585	.745	5100	3250	.277-.292
RB8-5	1/4"	.282-.344	.368-.380	.205-.225	.020	.262-.275	.860	.648	.807	5100	3250	.277-.292
RB8-6	1/4"	.345-.406	.368-.380	.205-.225	.020	.262-.275	.860	.710	.870	5100	3250	.277-.292
RB8-7	1/4"	.407-.469	.368-.380	.205-.225	.020	.262-.275	.860	.773	.932	5100	3250	.277-.292
RB8-8	1/4"	.470-.531	.368-.380	.205-.225	.020	.262-.275	.860	.835	.995	5100	3250	.277-.292
RB8-9	1/4"	.532-.594	.368-.380	.205-.225	.020	.262-.275	.860	.898	1.057	5100	3250	.277-.292
RB8-10	1/4"	.595-.656	.368-.380	.205-.225	.020	.262-.275	.860	.960	1.120	5100	3250	.277-.292
RB8-11	1/4"	.657-.719	.368-.380	.205-.225	.020	.262-.275	.860	1.023	1.182	5100	3250	.277-.292
RB8-12	1/4"	.720-.781	.368-.380	.205-.225	.020	.262-.275	.860	1.085	1.245	5100	3250	.277-.292
RB10-4	5/16"	.188-.312	.468-.478	.266-.278	.025	.332-.346	1.285	.695	.875	8050	5200	.348-.368
RB10-6	5/16"	.313-.437	.468-.478	.266-.278	.025	.332-.346	1.285	.820	1.000	8050	5200	.348-.368
RB10-8	5/16"	.438-.562	.468-.478	.266-.278	.025	.332-.346	1.285	.945	1.125	8050	5200	.348-.368
RB10-10	5/16"	.563-.687	.468-.478	.266-.278	.025	.332-.346	1.285	1.070	1.250	8050	5200	.348-.368
RB10-12	5/16"	.688-.812	.468-.478	.266-.278	.025	.332-.346	1.285	1.195	1.375	8050	5200	.348-.368
RB10-14	5/16"	.813-.937	.468-.478	.266-.278	.025	.332-.346	1.285	1.320	1.500	8050	5200	.348-.368
RB10-16	5/16"	.938-1.062	.468-.478	.266-.278	.025	.332-.346	1.285	1.445	1.625	8050	5200	.348-.368
RB12-4	3/8"	.188-.312	.553-.563	.315-.327	.030	.393-.411	1.230	.766	.969	11100	7250	.413-.435
RB12-6	3/8"	.313-.437	.553-.563	.315-.327	.030	.393-.411	1.230	.891	1.094	11100	7250	.413-.435
RB12-8	3/8"	.438-.562	.553-.563	.315-.327	.030	.393-.411	1.230	1.016	1.219	11100	7250	.413-.435
RB12-10	3/8"	.563-.687	.553-.563	.315-.327	.030	.393-.411	1.230	1.141	1.344	11100	7250	.413-.435
RB12-12	3/8"	.688-.812	.553-.563	.315-.327	.030	.393-.411	1.230	1.266	1.469	11100	7250	.413-.435
RB12-14	3/8"	.813-.937	.553-.563	.315-.327	.030	.393-.411	1.230	1.391	1.594	11100	7250	.413-.435
RB12-16	3/8"	.938-1.062	.553-.563	.315-.327	.030	.393-.411	1.230	1.516	1.719	11100	7250	.413-.435
RB12-18	3/8"	1.063-1.187	.553-.563	.315-.327	.030	.393-.411	1.230	1.641	1.844	11100	7250	.413-.435
RB12-20	3/8"	1.188-1.312	.553-.563	.315-.327	.030	.393-.411	1.230	1.766	1.969	11100	7250	.413-.435

**These are minimum shear and tensile strengths, in pounds, of installed fasteners, when tested in a grip equal to or greater than one and one half the fastener diameter.



RIVETKING® COLLAR BOLT MULTI-GRIP

STRUCTURAL LOCKBOLTS

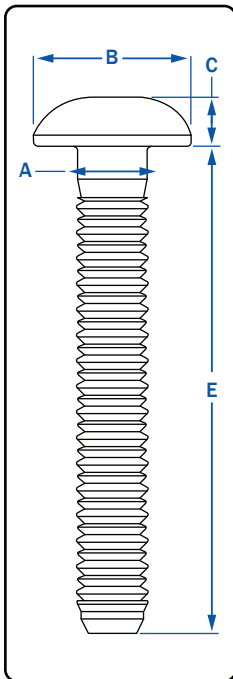
GRIPS

NOM. BODY DIA.	PART NUMBER				GRIP RANGE		LENGTH	MANDREL DIA.	MAX HOLE SIZE
	CATEGORY	HEAD	MATERIAL	DIA-GRIP	MIN.	MAX.			
3/16"	CBMRP	T	R	6 - 10	0.062	0.625	1.788	.183 - .187	0.203
	CBMGP	T	R	6 - 20	0.312	1.250	2.730		
1/4"	CBMGP	T	R	8 - 10	0.063	0.625	1.965	.245 - .249	0.265
	CBMGP	T	R	8 - 20	0.312	1.250	2.560		
5/16"	CBMGP	T	R	10 - 12	0.125	0.750	2.340	.307 - .311	0.328
	CBMGP	T	R	10 - 22	0.625	1.375	2.840		
3/8"	CBMGP	T	R	12 - 14	0.125	0.875	2.875	.369 - .375	0.390
	CBMGP	T	R	12 - 26	0.812	1.625	3.500		

HEADS

BUTTON HEAD		TRUSS HEAD		FLUSH HEAD		BROAD TRUSS HEAD		RIVET HEAD			
NOM. HEAD DIAMETER	HEAD DIAMETER	HEAD DIAMETER	HEAD HEIGHT	HEAD DIAMETER	HEAD HEIGHT	HEAD DIAMETER	HEAD HEIGHT	HEAD DIAMETER	HEAD HEIGHT	HEAD DIAMETER	HEAD HEIGHT
3/16"	10	.356 - .394	.113 - .125	N/A	N/A	.323 - .359	.092 - .102	N/A	N/A	.450 - .488	.91 - .105
	20	.356 - .394	.113 - .125	N/A	N/A	.323 - .359	.076 - .087	N/A	N/A	.450 - .488	.91 - .105
1/4"	10	.475 - .525	.136 - .152	.531 - .594	.103 - .115	.433 - .478	.119 - .128	**	.138 - .162	N/A	N/A
	20	.475 - .525	.136 - .152	.531 - .594	.103 - .115	.433 - .478	.102 - .115	**	.138 - .162	N/A	N/A
5/16"	12	.594 - .656	.181 - .201	.703 - .797	.127 - .141	.542 - .594	.149 - .162	N/A	N/A	N/A	N/A
	22	.594 - .656	.181 - .201	.703 - .797	.127 - .141	.542 - .594	.129 - .142	N/A	N/A	N/A	N/A
3/8"	14	.713 - .787	.223 - .248	.828 - .922	.152 - .168	.651 - .714	.178 - .195	1.188 - 1.25	.188 - .212	N/A	N/A
	26	.713 - .787	.223 - .248	.828 - .922	.190 - .200	.651 - .714	.153 - .170	1.188 - 1.25	.188 - .212	N/A	N/A

** STEEL .937 ALUMINUM 1.063



COLLAR DIMENSIONS

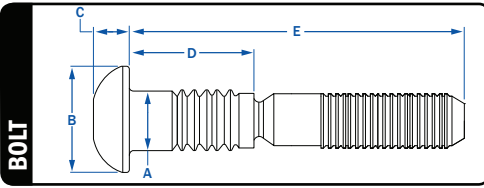
MGC		MGC-S		MGC-W		
COLLAR	DIAMETER	HOLE DIAMETER (F)	BODY DIAMETER (B)	OVERALL LENGTH (H)	HEAD HEIGHT (J)	FLANGE DIAMETER (K)
MGC	3/16"	.189 - .195	.307 - .313	.265 - .285	.040 - .052	.365 - .385
MGC	1/4"	.250 - .260	.399 - .405	.360 - .390	.055 - .070	.480 - .520
MGC	5/16"	.312 - .320	.501 - .509	.430 - .446	.069 - .086	.605 - .645
MGC	3/8"	.376 - .384	.603 - .611	.490 - .520	.086 - .100	.730 - .770
MGC-S	3/16"	.189 - .195	.308 - .315	.290 - .320	.085 - .115	.495 - .535
MGC-W	3/16"	.189 - .195	.307 - .314	.290 - .320	.090 - .115	.640 - .754
MGC-W	1/4"	.250 - .260	.399 - .405	.432 - .462	.115 - .145	.855 - 1.00

MATERIALS

NOM. BODY DIA.		STEEL (SZ)	ALUMINUM 6061 (A6)
3/16"	SHEAR	1725	750
	TENSILE	1400	900
1/4"	SHEAR	2200	1200
	TENSILE	2550	1620
5/16"	SHEAR	3000	2200
	TENSILE	3910	2500
3/8"	SHEAR	4200	3000
	TENSILE	5625	4000

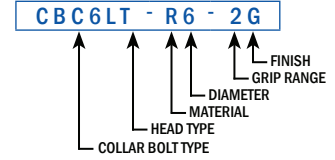


RIVETKING® COLLAR BOLT FIXED GRIP



COLLAR BOLT
Industrial Rivet's part numbers are made up of six elements which, when correctly designated, completely describe the desired rivet.

SAMPLE PART NUMBER



GRIPS		PART NUMBER				GRIP RANGE		NOTCH LENGTH	OVERALL LENGTH	MAX HOLE SIZE
NOM. BODY DIA.	CATEGORY	HEAD	MATERIAL	DIA-GRIP	PLATING	MIN.	MAX.			
3/16"	CBC6L	T	R	6-2	G	0.063	0.188	0.394	1.404	0.203
	CBC6L	T	R	6-3	G	0.125	0.250	0.457	1.466	
	CBC6L	T	R	6-4	G	0.188	0.313	0.519	1.529	
	CBC6L	T	R	6-5	G	0.250	0.375	0.582	1.591	
	CBC6L	T	R	6-6	G	0.313	0.438	0.644	1.654	
	CBC6L	T	R	6-7	G	0.375	0.500	0.707	1.716	
	CBC6L	T	R	6-8	G	0.438	0.563	0.769	1.779	
	CBC6L	T	R	6-9	G	0.500	0.625	0.832	1.841	
	CBC6L	T	R	6-10	G	0.563	0.688	0.894	1.904	
	CBC6L	T	R	6-11	G	0.625	0.750	0.957	1.966	
	CBC6L	T	R	6-12	G	0.688	0.813	1.019	2.029	
	CBC6L	T	R	6-13	G	0.750	0.875	1.082	2.091	
	CBC6L	T	R	6-14	G	0.813	0.938	1.144	2.154	
	CBC6L	T	R	6-15	G	0.875	1.000	1.207	2.216	
	CBC6L	T	R	6-16	G	0.938	1.063	1.269	2.279	
	CBC6L	T	R	6-17	G	1.000	1.125	1.332	2.341	
	CBC6L	T	R	6-18	G	1.063	1.188	1.394	2.404	
	CBC6L	T	R	6-19	G	1.125	1.250	1.457	2.466	
	CBC6L	T	R	6-20	G	1.188	1.313	1.519	2.529	
1/4"	CBC6L	T	R	8-2	G	0.063	0.188	0.485	1.520	0.266
	CBC6L	T	R	8-3	G	0.125	0.250	0.548	1.583	
	CBC6L	T	R	8-4	G	0.188	0.313	0.610	1.645	
	CBC6L	T	R	8-5	G	0.250	0.375	0.673	1.708	
	CBC6L	T	R	8-6	G	0.313	0.438	0.735	1.770	
	CBC6L	T	R	8-7	G	0.375	0.500	0.798	1.833	
	CBC6L	T	R	8-8	G	0.438	0.563	0.860	1.895	
	CBC6L	T	R	8-9	G	0.500	0.625	0.923	1.958	
	CBC6L	T	R	8-10	G	0.563	0.688	0.985	2.020	
	CBC6L	T	R	8-11	G	0.625	0.750	1.048	2.083	
	CBC6L	T	R	8-12	G	0.688	0.813	1.110	2.145	
	CBC6L	T	R	8-13	G	0.750	0.875	1.173	2.208	
	CBC6L	T	R	8-14	G	0.813	0.938	1.235	2.270	
	CBC6L	T	R	8-15	G	0.875	1.000	1.298	2.333	
	CBC6L	T	R	8-16	G	0.938	1.063	1.360	2.395	
	CBC6L	T	R	8-17	G	1.000	1.125	1.423	2.458	
	CBC6L	T	R	8-18	G	1.063	1.188	1.485	2.520	
	CBC6L	T	R	8-19	G	1.125	1.250	1.548	2.583	
	CBC6L	T	R	8-20	G	1.188	1.313	1.610	2.645	
5/16"	CBC6L	T	R	10-4	G	0.125	0.375	0.749	1.910	0.328
	CBC6L	T	R	10-6	G	0.250	0.500	0.874	2.035	
	CBC6L	T	R	10-8	G	0.375	0.625	0.999	2.160	
	CBC6L	T	R	10-10	G	0.500	0.750	1.124	2.285	
	CBC6L	T	R	10-12	G	0.625	0.875	1.249	2.410	
	CBC6L	T	R	10-14	G	0.750	1.000	1.374	2.535	
	CBC6L	T	R	10-16	G	0.875	1.125	1.499	2.660	
	CBC6L	T	R	10-18	G	1.000	1.250	1.624	2.785	
	CBC6L	T	R	10-20	G	1.125	1.375	1.749	2.910	
	3/8"	CBC6L	T	R	12-4	G	0.125	0.375	0.934	
CBC6L		T	R	12-6	G	0.250	0.500	0.934	2.246	
CBC6L		T	R	12-8	G	0.375	0.625	1.059	2.371	
CBC6L		T	R	12-10	G	0.500	0.750	1.184	2.496	
CBC6L		T	R	12-12	G	0.625	0.875	1.309	2.621	
CBC6L		T	R	12-14	G	0.750	1.000	1.434	2.746	
CBC6L		T	R	12-16	G	0.875	1.125	1.559	2.871	
CBC6L		T	R	12-18	G	1.000	1.250	1.684	2.996	
CBC6L		T	R	12-20	G	1.125	1.375	1.809	3.121	

RK-722 TOOL



RK-745 TOOL



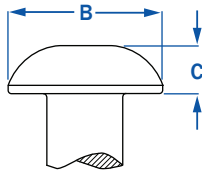
RK-756 TOOL



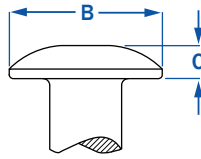
RIVETKING® COLLAR BOLT FIXED GRIP

HEADS

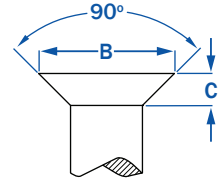
BRAZIER HEAD



TRUSS HEAD



FLUSH HEAD



NOM. BODY DIA.	BRAZIER HEAD (B)		TRUSS HEAD (T)		FLUSH HEAD (90)	
	HEAD DIAMETER (B)	HEAD HEIGHT (D)	HEAD DIAMETER (B)	HEAD HEIGHT (D)	HEAD DIAMETER (B)	HEAD HEIGHT (D)
3/16"	.394 - .356	.125 - .113	.469 - .406	.088 - .078	.354 - .328	.085 - .075
1/4"	.525 - .475	.152 - .136	.594 - .531	.115 - .103	.473 - .437	.113 - .101
5/16"	.656 - .594	.201 - .181	.797 - .703	.141 - .127	.589 - .547	.141 - .127
3/8"	.787 - .713	.248 - .223	.922 - .828	.168 - .152	.709 - .656	.168 - .152

Capacity to 1 1/8" Diameter on request

MATERIALS

NOM. BODY DIA.		STEEL (R)	ALUMINUM 2024 (C)	ALUMINUM 6061 (F)	STAINLESS Steel 18-8 (U)
		3/16"	SHEAR	1725	1050
	TENSILE	1650	1000	530	1455
1/4"	SHEAR	3050	1875	1375	3550
	TENSILE	3000	1800	975	3750
5/16"	SHEAR	4725	2925	2125	5525
	TENSILE	4600	2850	1550	4250
3/8"	SHEAR	6825	4200	3050	7950
	TENSILE	6500	4200	2400	6100

Capacity to 1 1/8" Diameter on request

RK-745/KIT • MAX 3/8"

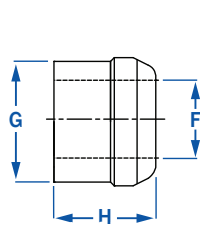


RK-756/KIT • MAX 3/8"

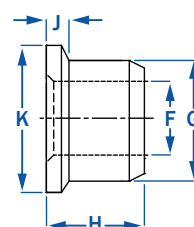


COLLAR DIMENSIONS

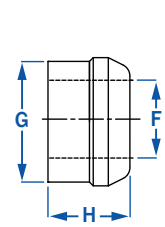
CB2LC



CB3LC



CB8LC



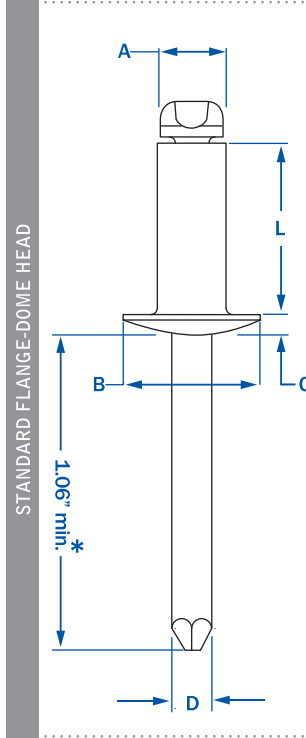
COLLAR	DIAMETER	HOLE DIAMETER (F)	BODY DIAMETER (G)	OVERALL LENGTH (H)	HEAD HEIGHT (J)	HEAD DIAMETER (K)
STANDARD	3/16"	.187 - .196	.311 - .304	.220 - .260		
	1/4"	.256 - .265	.409 - .402	.320 - .290		
	5/16"	.304 - .312	.494 - .485	.380 - .350		
	3/8"	.375 - .385	.600 - .590	.460 - .430		
FLANGE	3/16"	.187 - .196	.311 - .304	.280 - .250	.062 - .031	.391 - .359
	1/4"	.256 - .267	.409 - .402	.379 - .349	.078 - .047	.516 - .484
	5/16"	.304 - .312	.507 - .498	.426 - .394	.094 - .062	.641 - .609
	3/8"	.378 - .390	.610 - .599	.532 - .502	.125 - .062	.781 - .719
LOW PROFILE	3/16"	.187 - .196	.311 - .304	.162 - .132	0.094	
	1/4"	.256 - .265	.409 - .402	.202 - .172	0.125	
	5/16"	.304 - .312	.494 - .485	.255 - .225	0.125	
	3/8"	.375 - .385	.600 - .590	.295 - .310	0.156	



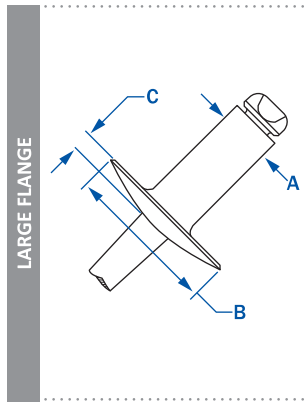
RivetKing® FBF Series · All Stainless Rivets · Open End

RIVET: 18-8 STAINLESS STEEL . MANDREL: 18-8 STAINLESS STEEL

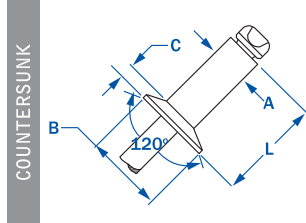
RIVETKING® ALL STAINLESS STEEL BLIND RIVETS ARE A SURE WAY TO AVOID RUST AND OXIDATION. Produced from the finest grade stainless steel materials and clean polished, the FBF series will look great and last a lifetime in the finished assembly. The mandrels are blunt diamond pointed to insure increased assembly speed and improving safety. The unique mandrel head shape assists in retaining the mandrel within the rivet. All Stainless Blind rivets rank #1 in shear and tensile strength when compared to others in its class. PER IFI-114 GRADE 51.



A DIA.	PART NUMBER	GRIP RANGE	L RIVET LENGTH	B HEAD DIA.	C HEAD HEIGHT	D MANDREL DIA.	HOLE SIZE (DRILL #)	STRENGTH		Wt. lbs/M							
								SHEAR	TENSILE								
3/32"	FBF - 32	.020 - .125	.250	.188	.032	.057	.097 - .100 (#41)	230	280	1.53							
	FBF - 34	.126 - .250	.375							1.73							
1/8"	FBF - 41	.020 - .062	.212	.250	.040	.076	.129 - .133 (#30)	420	530	2.60							
	FBF - 42	.063 - .125	.275							2.90							
	FBF - 43	.126 - .187	.337							3.00							
	FBF - 44	.188 - .250	.400							3.10							
	FBF - 45	.251 - .312	.462							3.60							
	FBF - 46	.313 - .375	.525							3.30							
	FBF - 48	.376 - .500	.650							3.50							
	FBF - 410	.501 - .625	.775							4.88							
	FBF - 412	.626 - .750	.900														
	FBF - 416	.751 - .875	1.075														
5/32"	FBF - 52	.020 - .125	.300	.312	.050	.095	.160 - .164 (#20)	650	820	5.00							
	FBF - 53	.126 - .187	.362							5.13							
	FBF - 54	.188 - .250	.425							5.25							
	FBF - 56	.251 - .375	.550							5.83							
	FBF - 58	.376 - .500	.675							6.50							
	FBF - 62	.020 - .125	.325							7.40							
3/16"	FBF - 63	.126 - .187	.387	.375	.060	.114	.192 - .196 (#11)	950	1200	8.36							
	FBF - 64	.188 - .250	.450							8.40							
	FBF - 66	.251 - .375	.575							8.80							
	FBF - 68	.376 - .500	.700							9.75							
	FBF - 610	.501 - .625	.825							11.00							
	FBF - 612	.626 - .750	.950							11.75							
	FBF - 614	.751 - .875	1.075							14.62							
	FBF - 616	.876 - 1.00	1.200							22.00							
	1/4"	FBF - 84	.020 - .250							.500	.500	.080	.151	.257 - .261 (F)	1700	2100	15.00
		FBF - 86	.251 - .375							.625							17.00
FBF - 88		.376 - .500	.750	18.00													
FBF - 810		.501 - .625	.875	20.00													
FBF - 812		.626 - .750	1.000	20.50													
FBF - 814		.751 - .875	1.125	27.54													
FBF - 816		.876 - 1.00	1.250	28.56													



1/8"	FBF - 42LF	.063 - .125	.275	.375	.065	.076	.129-133 (#30)	420	530	3.30
	FBF - 43LF	.126 - .187	.337							3.50
	FBF - 44LF	.188 - .250	.400							3.60
	FBF - 46LF	.313 - .375	.525							4.72
	FBF - 48LF	.376 - .500	.650							4.72
5/32"	FBF - 52LF	.020 - .125	.300	.468	.075	.095	.160-.164 (#20)	650	820	
	FBF - 54LF	.188 - .250	.425							
	FBF - 56LF	.251 - .375	.550							
3/16"	FBF - 62LF	.020 - .125	.325	.625	.092	.114	.192-.196 (#11)	950	1200	10.67
	FBF - 64LF	.188 - .250	.450							11.33
	FBF - 66LF	.251 - .375	.575							11.67
	FBF - 68LF	.376 - .500	.700							13.00
	FBF - 610LF	.501 - .625	.825							14.50
	FBF - 612LF	.626 - .750	.950							17.34
	FBF - 614LF	.751 - .875	1.075							18.36
1/4"	FBF - 88LF	.376 - .500	.750	.750	1.07	.151	.257 - .261	1700	2100	



1/8"	FCF - 42	.063 - .125	.275	.220	.031	.076	.129 - .133 (#30)	420	530	3.00
	FCF - 43	.126 - .187	.337							3.10
	FCF - 44	.188 - .250	.400							3.30
5/32"	FCF - 54	.188 - .250	.425	.281	.040	.095	.160 - .164	650	820	5.36
3/16"	FCF - 64	.188 - .250	.450	.350	.050	.114	.192 - .196 (#11)	950	1200	7.60
	FCF - 66	.251 - .375	.575							9.79

* 1/4" Diameter rivets have a 1.250 mandrel length minimum.