



Structural RIVETS



Strength • Durability • Reliability



RivetKing® QUALITY SERVICES

PERFORMANCE TESTING CAPABILITIES

RivetKing® products are quality tested on state of the art inspection equipment. Our capabilities include Salt Spray Testing, Shear Testing, Tensile Testing, Pushout Testing, Mandrel Retention Testing and Lock Strength Testing. Data is gathered across production lots and retained on file for 3 years. Graphic representations of performance are available and provided upon request. Product/Lot/Competitor comparisons are performed regularly.

FORCE TESTING

When needed, we can measure a rivets performance with our MTM, a machine used to detect force. The resulting curve plots load force needed to set or break a rivet. This fingerprint allows us to more exactly determine the holding power of the riveted assembly and/or further evaluate its performance. We can detect small differences in performance and its results go directly to R & D to further improve the performance of our product, and yours.

SALT FOG TESTING

On a regular basis we check all spec finishes with our advanced salt spray testing equipment. Nationally rated and quality certified, we provide test results to measure the effectiveness of our finishes, before and after riveting as necessary. Temperatures are controlled and monitored 24 hours a day, 365 days a year via our windows based control software. Reports are generated regularly for internal use and for customers.



TENSILE
TESTING



BREAKLOAD
TESTING



SHEAR
TESTING



LOCKFORCE
TESTING



MANDREL RETENTION
TESTING



FORCE TESTING
IFI135 & ISO 14589



SALT SPRAY TESTING
ASTMB117-07A & ISO 9227

WE ARE HERE FOR YOU

Our trained personnel are here to serve our customers. If you have any questions, please call our quality control department or one of our applications engineers. Tap into our capabilities, we're here to serve you.

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RivetKing® Structural Fastening Cross-Reference Matrix



RivetKing structural solutions

Competitive cross-reference for blind structural rivets and structural lockbolts.

RivetKing® delivers competitive conversion support with application-focused technical guidance.

	RIVETKING®	Huck®	Avdel®	POP®	Gesipa®	Marson®	One Side Installation	Oversize Holes	Wide Grip Range	Double Locking	Shaveable
Blind Structural Rivets	InLock®	Magna-Lok®	Interlok®	Ultragrip®	MegaGrip®	Kliklok®	◆		◆		
	TigerBolt®		Monobolt®				◆		◆		
	StemLock®	AutoBulb®	Hemlok®				◆	◆			
	SupraBulb®	Magna-Bulb®					◆		◆	◆	
	SupraLock®	HuckLock®					◆	◆		◆	
	UnoBolt®	BOM Rivet®	Avbolt®				◆	◆			
	Supratite®	MagnaTite®	Bulb-Tite®				◆	◆	◆		◆
	SuperTrifix®		TLR Rivet®				◆	◆	◆		
	SupraTrifix®		KlampTite®					◆			
Structural Lockbolts	Collarbolt® FG6	C6L	Avdelok®					◆			
	Collarbolt® FG50	C50L						◆			
	Collarbolt® FG120	C120L						◆			
	Collarbolt® FG150	C150L						◆			
	Collarbolt® MG	Magna-grip®	MaxLok®					◆	◆		
	Supratail™	Bobtail®	Neobolt®					◆			



Competitive Conversion Support

Confident cross-references for faster decisions.



Application-Focused Technical Guidance

Expert support to match the right solution.



Blind Structural and Lockbolt Solutions

Comprehensive portfolio for demanding applications.



Multiple Materials and Grip Ranges

Engineered performance in more configurations.



Engineered for Strength. Built to Perform.

RivetKing® quality you can rely on.



Cross-reference shown for product-family identification only. Final selection and interchangeability must be validated for the specific application. All third-party trademarks are the property of their respective owners.

Huck®, Magna-Lok®, Auto-Bulb®, Magna-Bulb®, HuckLok®, BOM Rivet®, Magna-Tite®, C6L®, C50L®, C120L®, C150L®, Magna-Grip®, and BobTail® are trademarks or registered trademarks of Howmet Aerospace Inc. Marson®, Klik-Lok®, and Klik-Fast® are trademarks or registered trademarks of Howmet Aerospace Inc. Avdel®, InterLok®, Monobolt®, Hemlok®, Avbolt®, TLR Rivet®, Klamp-Tite®, Avdelok®, Maxlok®, and NeoBolt® are trademarks or registered trademarks of Stanley Engineered Fastening. POP® and UltraGrip® are trademarks or registered trademarks of Stanley Engineered Fastening. GESIPA® and MEGA GRIP® are trademarks or registered trademarks of SFS Group / GESIPA Blindniettechnik GmbH. RivetKing®, In-Lock®, TigerBolt®, HemLock®, SupraBulb®, SupraLock®, UniBolt®, Supratite®, SuperTifix®, SupraTriFix®, Collarbolt®, and SupraTail® are trademarks of Industrial Rivet & Fastener Co.



RivetKing® In-Lock®

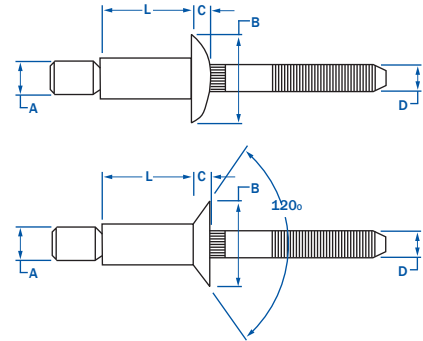
STRUCTURAL BLIND RIVETS • INTERNAL LOCKING

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

AVAILABLE IN STEEL, ALUMINUM, AND STAINLESS STEEL | COMPLIANT WITH IFI 134

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

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.



MATERIAL	PART NUMBER	A RIVET SIZE	GRIP RANGE	HEAD STYLE	L	B	C	D	HOLE SIZE MIN. - MAX.	SHEAR LBS.F	TENSILE LBS.F	MANDREL PUSHOUT LBS.F
					LENGTH	HEAD DIA.	HEAD HEIGHT	MANDREL DIA.				
			MIN. - MAX.		MAX.	NOM.	NOM.	REF.				
ALUMINUM	ABA64/STR	3/16"	.062 - .270	Dome	.415	.385	.085	.118	.191 - .201 (#10)	550	450	50
	ABA67/STR		.062 - .437	Dome	.572							
	ABA67-S/STR		.214 - .437	Dome	.572							
	ABA86/STR	1/4"	.080 - .375	Dome	.560	.525	.117	.157	.261 - .272 (G)	1270	830	100
	ABA810/STR		.080 - .625	Dome	.810							
	ABA810-S/STR		.350 - .625	Dome	.810							
	ACA88/STR	3/8"	.160 - .475	C'sunk	.660	.405	.070 Ref	.157	.392 - .408	2950	1900	250
	ABA1212/STR		.120 - .560	Dome	.843	.770	.177 MAX	.232				
STEEL	SBS64/STR	3/16"	.062 - .270	Dome	.415	.385	.085	.118	.194 - .204 (#10)	1300	1000	150
	SBS67/STR		.062 - .437	Dome	.572							
	SBS67-S/STR		.214 - .437	Dome	.572							
	SBS86/STR	1/4"	.080 - .375	Dome	.560	.525	.117	.157	.261 - .276 (G)	2400	1850	300
	SBS810/STR		.080 - .625	Dome	.810							
	SBS810-S/STR		.350 - .625	Dome	.810							
	SCS88/STR	3/8"	.160 - .475	C'sunk	.660	.405	.070 Ref.	.157	.392 - .408	5600	4000	650
	SBS1212/STR		.120 - .560	Dome	.843	.770	.177 MAX	.232				
STAINLESS	FBF64/STR	3/16"	.062 - .270	Dome	.415	.385	.090	.118	.194 - .204 (#10)	1300	1000	100
	FBF67/STR		.062 - .437	Dome	.572							
	FBF67-S/STR		.214 - .437	Dome	.572							
	FBF86/STR	1/4"	.080 - .375	Dome	.560	.525	.117	.157	.261 - .276 (G)	2400	1850	200
	FBF810/STR		.080 - .625	Dome	.810							
	FBF810-S/STR		.350 - .625	Dome	.810							
	FCF88/STR	3/8"	.160 - .475	C'sunk	.660	.405	.070 Ref	.157				



RivetKing® Tigerbolt®

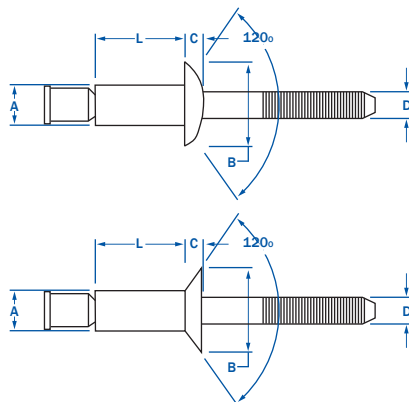
STRUCTURAL BLIND RIVETS • EXTERNAL LOCKING

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

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 then 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.



			A			L	B	C	D			
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	MAX.	MAX.	NOM.	MIN. - MAX.	LBS.F	LBS.F	LBS.F
ALUMINUM	ABA64/TB	3/16"	.062 - .250	Dome	.416	.400	.090	.118	.194 - .204 (#10)	674	495	50
	ABA67/TB		.062 - .437	Dome	.577							
	ABA86/TB	1/4"	.080 - .375	Dome	.556	.530	.117	.157	.261 - .276 (G)	1349	944	100
	ABA810/TB		.080 - .625	Dome	.806							
	ACA88/TB		.125 - .500	C'sunk	.581							
STEEL	SBS64/TB	3/16"	.062 - .250	Dome	.416	.400	.090	.118	.194 - .204 (#10)	1438	1147	100
	SBS67/TB		.062 - .437	Dome	.577							
	SBS86/TB	1/4"	.080 - .375	Dome	.556	.530	.117	.157	.261 - .276 (G)	2675	2360	250
	SBS810/TB		.080 - .625	Dome	.806							
	SCS88/TB		.125 - .500	C'sunk	.581							
STAINLESS	FBF64/TB	3/16"	.062 - .250	Dome	.416	.400	.090	.118	.194 - .204 (#10)	1438	1146	100
	FBF67/TB		.062 - .437	Dome	.577							
	FBF86/TB	1/4"	.080 - .375	Dome	.556	.530	.117	.157	.261 - .276 (G)	2630	2360	250
	FBF810/TB		.080 - .625	Dome	.806							
	FCF88/TB		.125 - .500	C'sunk	.581							





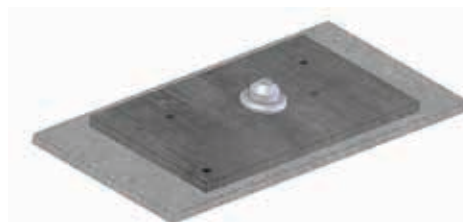
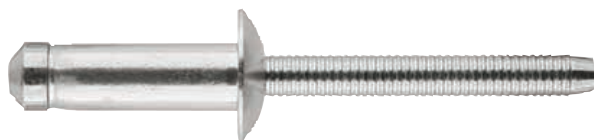
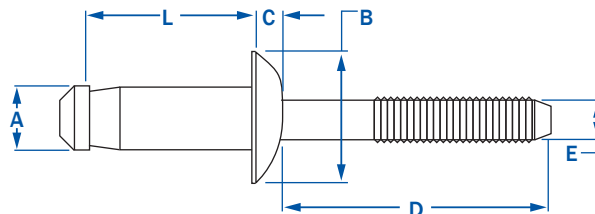
RivetKing® Stemlock®

STRUCTURAL BLIND RIVETS • STEEL/ ALUMINUM

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

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.



			STANDARD FLANGE							
			L	A	B	C	E			
RIVET SIZE	PART NUMBER	GRIP RANGE	RIVET LENGTH	BODY	HEAD DIA.	HEAD HEIGHT	MANDREL DIA.	BACKSIDE CLEARANCE	SHEAR STRENGTH	TENSILE STRENGTH
		MIN. - MAX.	MAX	DIA.	MAX.	MAX.	DIA.	MIN.	LBF	LBF
1/4"	STM-0812	.068 - .138	.539	.250 .260	.530	.110	N/R	.480	2360	1,978
	STM-0813	.110 - .189	.590						2698	
	STM-0814	.132 - .211	.612						2810	
	STM-0815	.189 - .268	.669						3147	
	STM-0817	.268 - .346	.747						3374	
	STM-0818	.295 - .374	.775						3597	
	STM-0819	.346 - .425	.826							
	STM-0821	.425 - .504	.905							
1/4"	STMA-0812	.068 - .138	.539	.250 .260	.530	.110	N/R	.480	1124	600
	STMA-0813	.110 - .189	.590						1349	
	STMA-0814	.132 - .211	.612						1394	
	STMA-0815	.189 - .268	.669						1460	
	STMA-0817	.268 - .346	.747						1574	
	STMA-0818	.295 - .374	.775							
	STMA-0819	.346 - .425	.826							
	STMA-0821	.425 - .504	.905							



SupraTITE® Blind Rivets

ALUMINUM SUPRATITE - DOME, LOW PROFILE, LARGE FLANGE AND RECESSED CROWN HEADS

Often used in the truck trailer industry, to join very thin sheets of aluminum or steel, where there isn't access on both sides of the application. It is also used to laminate trailer body skin from one side of the trailer.

FEATURES:

Split Tail formation spreads the tail bearing load on the rear sheet. It's ideal for use in thin materials, and has excellent and multigrip range. The retained stem provides a very strong, vibration resistant joint.

ASSEMBLY MATERIALS:

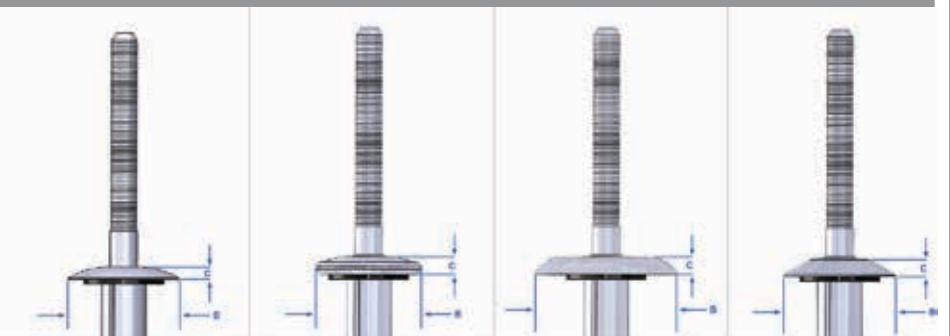
Metal to Plastic, Plastic to Plastic, Plastic to Metal, Metal to Metal

TYPICAL APPLICATION:

Domestic Appliances, Plastic Components, Automotive, Trailers, RV, Sporting Goods



Neoprene or EPDM washer optional and indicated by "W" suffix



ATT02 LOPRO FLAT HEAD	ATT04 / ATT03 DOME HEAD PROTRUDING CROWN	ATT05 LARGE FLANGE PROTRUDING CROWN	ATT06 DOME HEAD RECESSED CROWN
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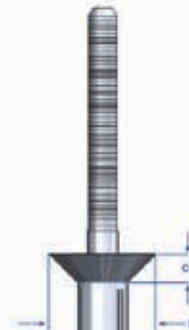
NOM. SIZE	GRIP CODE	GRIP RANGE	HOLE SIZE	UHL	SHEAR LBS (TYP)	TENSILE LBS (TYP)	PART CODE	B HEAD DIA	C HEAD HEIGHT	PART CODE	B HEAD DIA	C HEAD HEIGHT	PART CODE	B HEAD DIA	C HEAD HEIGHT	PART CODE	B HEAD DIA	C HEAD HEIGHT
5/32"	5-4	.125 - .250 *.067 - .250	.162/.167 (#20)	.862	160 *350	225	ATT02-5-4	.355 - .375	.057	*ATT04-5-4	.335 - .350	.100						
	5-6	.187 - .375		.987			ATT02-5-6			ATT04-5-6								
	5-8	.250 - .500		1.112			ATT02-5-8			ATT04-5-8								
3/16"	6-4	.125 - .250 *.062 - .250	.209/.221 (#4)	.935 .907	400 *675	450	ATT02-6-4	.430 - .455	.062	*ATT04-6-4	.430 - .455	.125				*ATT06-6-4	.446 - .492	.099
	6-6	.187 - .375		1.060 *1.032			ATT02-6-6			*ATT04-6-6						*ATT06-6-6		
	6-8	.250 - .500 *.312 - .500		1.185 *1.157			ATT02-6-8			*ATT04-6-8						*ATT06-6-8		
	6-10	.375 - .625 *.437 - .625		1.310 *1.282			ATT02-6-10			*ATT04-6-10						*ATT06-6-10		
	6-12	.500 - .750 *.563 - .750		1.435 *1.407			ATT02-6-12			*ATT04-6-12						*ATT06-6-12		
	6-14	.750 - .875		1.560			ATT02-6-14			ATT04-6-14						ATT06-6-14		
	6-16	.875 - 1.000		1.685			ATT02-6-16			ATT04-6-16						ATT06-6-16		
	6-18	1.000 - 1.125		1.810			ATT02-6-18			ATT04-6-18						ATT06-6-18		
1/4"	8-4	.125 - .250 *.062/#.040 - .250	.250 - .263 (1/4")	1.005	950	575	ATT02-8-4	.532 - .542	.070	*ATT04-8-4	.555 - .565	.150				ATT06-8-4#	.535 - .550	.116
	8-6	.187 - .375 *.125 - .375		1.130			ATT02-8-6			*ATT04-8-6						*ATT06-8-6		
	8-8	.250 - .500		1.255			ATT02-8-8			ATT04-8-8						ATT06-8-8		
	8-10	.375 - .625		*1.380			ATT02-8-10			ATT04-8-10						*ATT06-8-10		
9/32"	9-3	.032 - .187	.304 - .3125 (5/16)	1.000	1500	1100				ATT03-9-3	.610 - .620	.190	*ATT05-9-3	.720 - .765	.210			
	9-6	.032 - .375 *.042 - .375		1.325						ATT03-9-6			*ATT05-9-6					
	9-10	.250 - .625	.308 - .327* (5/16)	1.575						ATT03-9-10			*ATT05-9-10					
	9-12	.375 - .750		1.700						ATT03-9-12			*ATT05-9-12					

SupraTITE® Blind Rivets

ALUMINUM SUPRATITE - COUNTERSUNK AND SHAVEABLE BRAZIER HEADS



The shaveable series is designed for the mandrel to break high, and be cut off with a snipping tool. After snipping, the head can be shaved to match the appearance of solid brazier head rivets commonly used on trailers.



**ATT07
SHAVE HEAD**

**ATT01
COUNTERSUNK HEAD**

Neoprene or EPDM washer optional and indicated by "W" suffix

BOLT	GRIP CODE	GRIP RANGE	HOLE SIZE	UHL	SHEAR LBS. (TYP)	TENSILE LBS. (TYP)	PART CODE	B HEAD DIA	C HEAD HEIGHT	PART CODE	B HEAD DIA	C HEAD HEIGHT
5/32"	5-5	.020-.312	.162/.167 (#20)	.920	350	225	ATT07-5-5	.296-.328	.077			
3/16"	6-3	.020-.187	.209/.221 (#4)	.872	675	450	ATT07-6-3	.446-.492	.105	ATT01-6-3	.340min	.108
	6-4	.050-.250 *.106-.250		.935			ATT07-6-4			*ATT01-6-4		
	6-6	.050-.375 *.187-.375		1.060			ATT07-6-6			*ATT01-6-6		
	6-8	.050-.500 *.312-.500		1.185			ATT07-6-8			*ATT01-6-8		
	6-10	.050-.625 *.437-.625		1.310			ATT07-6-10			*ATT01-6-10		
	6-12	.050-.750 *.563-.750		1.435			ATT07-6-12			*ATT01-6-12		
1/4"	8-4	.150-.250	.250-.263 (1/4")	1.005	900 *950	550 *575				ATT01-8-4	.452min	.164
	8-6	.187-.375		1.310						ATT01-8-6		
	8-8	.250-.500 *.050-.500		1.255			*ATT07-8-8	.446-.492	.125	ATT01-8-8		

STEEL SUPRATITE - DOME AND COUNTERSUNK HEADS

Are commonly used in truck trailer when fastening skins to vertical or lateral frames. Steel Supratite can also be used in structural supports for metal buildings or securing panels for AC units, or on uni-strut.



**STT76
DOME HEAD**

**STT71
COUNTERSUNK HEAD**

Neoprene or EPDM washer optional and indicated by "W" suffix

NOM. SIZE	GRIP CODE	GRIP RANGE	HOLE SIZE	UHL	SHEAR LBS. (TYP)	TENSILE LBS. (TYP)	PART CODE	B HEAD DIA	C HEAD HEIGHT	PART CODE	B HEAD DIA	C HEAD HEIGHT
1/4"	8-4	.040-.250 *.150-.250	.250-.263 (1/4")	1.005	1250	950	STT76-8-4	.446-.492	.125	STT71-8-4*	.477-.485	.165
	8-6	.125-.375 *.187-.375		1.310			STT76-8-6			STT71-8-6*		
	8-8	.250-.500		1.255 1.355*			STT76-8-8			STT71-8-8*		
	8-10	.375-.625		1.255			STT76-8-10					



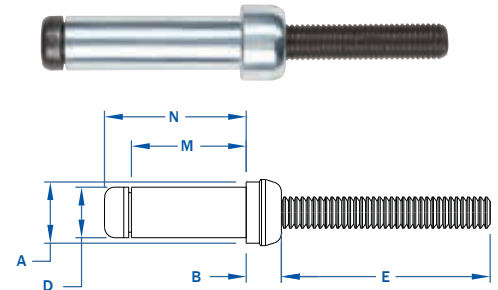
RivetKing® UNOBolt®

STEEL/STEEL

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

The RivetKing® UNOBolt® is ideal for high strength blind precision applications. The RivetKing UNOBolt® is engineered for the truck/trailer, HVAC, automotive, rail car and structural racking systems. The RivetKing® UNOBolt® 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® UNOBolt® will break flush in the proper grip range.



3/16" sizes available upon request

MINIMUM VALUES IN
NOMINAL GRIP**

PART NUMBER	DIAMETER	GRIP RANGE	A	B	D	E	M	N	SHEAR	TENSILE	HOLE DIAMETER
							REF.	MAX.			
RB8-2	1/4"	.093-.156	.368-.380	.205-.225	.262-.275	.860	.460	.620	5100	3250	.277-.292
RB8-3	1/4"	.157-.219	.368-.380	.205-.225	.262-.275	.860	.523	.682	5100	3250	.277-.292
RB8-4	1/4"	.220-.281	.368-.380	.205-.225	.262-.275	.860	.585	.745	5100	3250	.277-.292
RB8-5	1/4"	.282-.344	.368-.380	.205-.225	.262-.275	.860	.648	.807	5100	3250	.277-.292
RB8-6	1/4"	.345-.406	.368-.380	.205-.225	.262-.275	.860	.710	.870	5100	3250	.277-.292
RB8-7	1/4"	.407-.469	.368-.380	.205-.225	.262-.275	.860	.773	.932	5100	3250	.277-.292
RB8-8	1/4"	.470-.531	.368-.380	.205-.225	.262-.275	.860	.835	.995	5100	3250	.277-.292
RB8-9	1/4"	.532-.594	.368-.380	.205-.225	.262-.275	.860	.898	1.057	5100	3250	.277-.292
RB8-10	1/4"	.595-.656	.368-.380	.205-.225	.262-.275	.860	.960	1.120	5100	3250	.277-.292
RB8-11	1/4"	.657-.719	.368-.380	.205-.225	.262-.275	.860	1.023	1.182	5100	3250	.277-.292
RB8-12	1/4"	.720-.781	.368-.380	.205-.225	.262-.275	.860	1.085	1.245	5100	3250	.277-.292
RB10-4	5/16"	.188-.312	.468-.478	.266-.278	.332-.346	1.285	.695	.875	8050	5200	.348-.368
RB10-6	5/16"	.313-.437	.468-.478	.266-.278	.332-.346	1.285	.820	1.000	8050	5200	.348-.368
RB10-8	5/16"	.438-.562	.468-.478	.266-.278	.332-.346	1.285	.945	1.125	8050	5200	.348-.368
RB10-10	5/16"	.563-.687	.468-.478	.266-.278	.332-.346	1.285	1.070	1.250	8050	5200	.348-.368
RB10-12	5/16"	.688-.812	.468-.478	.266-.278	.332-.346	1.285	1.195	1.375	8050	5200	.348-.368
RB10-14	5/16"	.813-.937	.468-.478	.266-.278	.332-.346	1.285	1.320	1.500	8050	5200	.348-.368
RB10-16	5/16"	.938-1.062	.468-.478	.266-.278	.332-.346	1.285	1.445	1.625	8050	5200	.348-.368
RB12-4	3/8"	.188-.312	.553-.563	.315-.327	.393-.411	1.230	.766	.969	11100	7250	.413-.435
RB12-6	3/8"	.313-.437	.553-.563	.315-.327	.393-.411	1.230	.891	1.094	11100	7250	.413-.435
RB12-8	3/8"	.438-.562	.553-.563	.315-.327	.393-.411	1.230	1.016	1.219	11100	7250	.413-.435
RB12-10	3/8"	.563-.687	.553-.563	.315-.327	.393-.411	1.230	1.141	1.344	11100	7250	.413-.435
RB12-12	3/8"	.688-.812	.553-.563	.315-.327	.393-.411	1.230	1.266	1.469	11100	7250	.413-.435
RB12-14	3/8"	.813-.937	.553-.563	.315-.327	.393-.411	1.230	1.391	1.594	11100	7250	.413-.435
RB12-16	3/8"	.938-1.062	.553-.563	.315-.327	.393-.411	1.230	1.516	1.719	11100	7250	.413-.435
RB12-18	3/8"	1.063-1.187	.553-.563	.315-.327	.393-.411	1.230	1.641	1.844	11100	7250	.413-.435
RB12-20	3/8"	1.188-1.312	.553-.563	.315-.327	.393-.411	1.230	1.766	1.969	11100	7250	.413-.435
RB16-3	1/2"	.126-.252	.748-.756	.429-.443	.536-.539	1.750	0.795	1.083	20150	13000	.547-.579
RB16-4	1/2"	.252-.374	.748-.756	.429-.443	.536-.539	1.750	1.000	1.260	20150	13000	.547-.579
RB16-6	1/2"	.374-.500	.748-.756	.429-.443	.536-.539	1.750	1.126	1.409	20150	13000	.547-.579
RB16-8	1/2"	.500-.626	.748-.756	.429-.443	.536-.539	1.750	1.252	1.516	20150	13000	.547-.579
RB16-10	1/2"	.626-.752	.748-.756	.429-.443	.536-.539	1.750	1.374	1.642	20150	13000	.547-.579
RB16-12	1/2"	.752-.874	.748-.756	.429-.443	.536-.539	1.750	1.500	1.764	20150	13000	.547-.579
RB16-14	1/2"	.874-1.000	.748-.756	.429-.443	.536-.539	1.750	1.626	1.890	20150	13000	.547-.579
RB16-16	1/2"	1.000-1.126	.748-.756	.429-.443	.536-.539	1.750	1.752	2.008	20150	13000	.547-.579
RB16-18	1/2"	1.126-1.252	.748-.756	.429-.443	.536-.539	1.750	1.874	2.146	20150	13000	.547-.579
RB16-20	1/2"	1.252-1.374	.748-.756	.429-.443	.536-.539	1.750	2.000	2.264	20150	13000	.547-.579
RB16-22	1/2"	1.374-1.500	.748-.756	.429-.443	.536-.539	1.750	2.126	2.390	20150	13000	.547-.579
RB16-24	1/2"	1.500-1.626	.748-.756	.429-.443	.536-.539	1.750	2.252	2.520	20150	13000	.547-.579

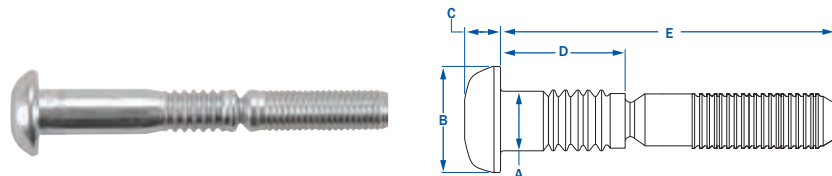
**These are minimum shear and tensile strengths, in pounds, of installed fasteners, when tested in a grip equal to or greater than one and one half the fastener diameter.



RivetKing® Collar Bolt Fixed Grip

COLLAR BOLT

RivetKing®'s part numbers are made up of six elements which, when correctly designated, completely describe the desired rivet.



SAMPLE PART NUMBER

CBC6LT - R6 - 2G

COLLAR BOLT TYPE HEAD TYPE MATERIAL DIAMETER FINISH GRIP RANGE

BOLT TYPE	CODE
GRADE 2 STEEL, ALUMINUM, STAINLESS STEEL	CBC6L
GRADE 5 STEEL	CBC120L

HEAD TYPE	CODE
BRAZIER HEAD	B
TRUSS HEAD	T
FLUSH HEAD	90

MATERIAL	CODE
CARBON STEEL	R
2024 ALUMINUM	C
6061 ALUMINUM	F
STAINLESS STEEL	U

DIAMETER	CODE
3/16"	6
1/4"	8
5/16"	10
3/8"	12

FINISH	CODE
ZINC	G

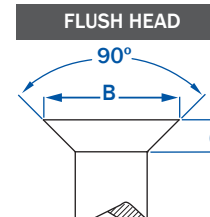
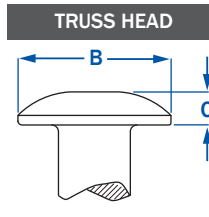
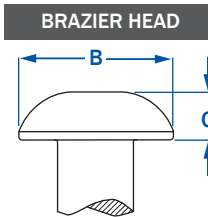
GRIP CODE	GRIP RANGE	3/16" (6)		1/4" (8)	
		NOTCH LENGTH	OVERALL LENGTH	NOTCH LENGTH	OVERALL LENGTH
	MIN - MAX	D	E	D	E
2	.063 - .188	0.394	1.404	0.485	1.520
3	.125 - .250	0.457	1.466	0.548	1.583
4	.188 - .313	0.519	1.529	0.610	1.645
5	.250 - .375	0.582	1.591	0.673	1.708
6	.313 - .438	0.644	1.654	0.735	1.770
7	.375 - .500	0.707	1.716	0.798	1.833
8	.438 - .563	0.769	1.779	0.860	1.895
9	.500 - .625	0.832	1.841	0.923	1.958
10	.563 - .688	0.894	1.904	0.985	2.020
11	.625 - .750	0.957	1.966	1.048	2.083
12	.688 - .813	1.019	2.029	1.110	2.145
13	.750 - .875	1.082	2.091	1.173	2.208
14	.813 - .938	1.144	2.154	1.235	2.270
15	.875 - 1.000	1.207	2.216	1.298	2.333
16	.938 - 1.063	1.269	2.279	1.360	2.395
17	1.000 - 1.125	1.332	2.341	1.423	2.458
18	1.063 - 1.188	1.394	2.404	1.458	2.520
19	1.125 - 1.250	1.457	2.466	1.548	2.583
20	1.188 - 1.313	1.519	2.529	1.610	2.645
21	1.250 - 1.375	1.582	2.591	1.673	2.708
22	1.313 - 1.438	1.644	2.654	1.735	2.770
23	1.375 - 1.500	1.707	2.716	1.798	2.833

GRIP CODE	GRIP RANGE	5/16" (10)		3/8" (12)	
		NOTCH LENGTH	OVERALL LENGTH	NOTCH LENGTH	OVERALL LENGTH
	MIN - MAX	D	E	D	E
4	.125 - .375	0.749	1.906	0.809	2.125
6	.250 - .500	0.874	2.032	0.934	2.250
8	.375 - .625	1.000	2.156	1.059	2.375
10	.500 - .750	1.124	2.281	1.184	2.500
12	.625 - .875	1.249	2.406	1.309	2.625
14	.750 - 1.000	1.374	2.531	1.434	2.750
16	.875 - 1.125	1.500	2.656	1.559	2.875
18	1.000 - 1.250	1.624	2.781	1.684	3.000
20	1.125 - 1.375	1.749	2.906	1.809	3.125
22	1.250 - 1.500	1.874	3.032	1.934	3.250
24	1.375 - 1.625	2.000	3.156	2.059	3.375
26	1.500 - 1.750	2.124	3.281	2.184	3.500
28	1.625 - 1.875	2.249	3.406	2.309	3.625
30	1.750 - 2.000	2.374	3.531	2.434	3.750
32	1.875 - 2.125	2.500	3.656	2.559	3.875



RivetKing® Collar Bolt Fixed Grip

HEADS



NOM. BODY DIA.	DIA. CODE	BRAZIER/ROUND HEAD (B)		TRUSS HEAD (T)		FLUSH HEAD (90)	
		HEAD DIAMETER (B)	HEAD HEIGHT (C)	HEAD DIAMETER (B)	HEAD HEIGHT (C)	HEAD DIAMETER (B)	HEAD HEIGHT (C)
		MIN - MAX	MIN - MAX	MIN - MAX	MIN - MAX	MIN - MAX	MIN - MAX
3/16"	6	.360 - .390	.113 - .125	.406 - .469	.078 - .088	.325 - .358	.075 - .087
1/4"	8	.475 - .525	.136 - .152	.531 - .594	.103 - .115	.435 - .475	.100 - .115
5/16"	10	.594 - .656	.181 - .201	.703 - .797	.127 - .141	—	—
3/8"	12	.713 - .787	.223 - .248	.828 - .922	.186 - .202	—	—

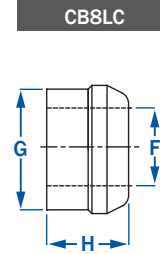
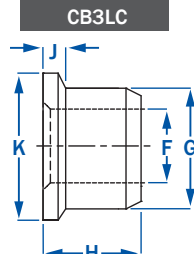
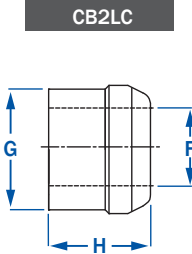
Capacity to 1-1/8" Diameter on request.

MECHANICAL PROPERTIES

NOM. BODY DIA.		STEEL (R)	ALUMINUM 2024 (C)	ALUMINUM 6061 (F)	STAINLESS STEEL 18-8 (U)
3/16"	SHEAR	1725	1050	775	2000
	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

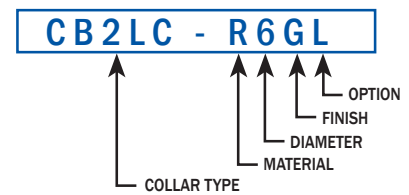
Capacity to 1-1/8" Diameter on request.

COLLAR DIMENSIONS



COLLAR	DIAMETER	HOLE DIAMETER (F)	BODY DIAMETER (G)	OVERALL LENGTH (H)	HEAD HEIGHT (J)	HEAD DIAMETER (K)
CB2LC (STANDARD)	3/16" (6)	.187 - .196	.304 - .311	.220 - .260		
	1/4" (8)	.256 - .265	.402 - .409	.290 - .320		
	5/16" (10)	.304 - .312	.484 - .494	.350 - .380		
	3/8" (12)	.375 - .385	.590 - .600	.430 - .460		
CB3LC (FLANGE)	3/16" (6)	.187 - .196	.304 - .311	.250 - .280	.031 - .062	.359 - .391
	1/4" (8)	.256 - .267	.402 - .409	.349 - .379	.047 - .078	.484 - .516
	5/16" (10)	.304 - .312	.498 - .507	.394 - .426	.062 - .094	.609 - .641
	3/8" (12)	.378 - .390	.599 - .610	.502 - .532	.062 - .125	.719 - .781
CB8LC (LOW PROFILE)	3/16" (6)	.187 - .196	.304 - .311	.132 - .162		
	1/4" (8)	.256 - .265	.402 - .409	.172 - .202		
	5/16" (10)	.304 - .312	.485 - .494	.225 - .255		
	3/8" (12)	.375 - .385	.590 - .600	.295 - .310		

SAMPLE PART NUMBER



MATERIAL	CODE
CARBON STEEL	2R/R*
2024 ALUMINUM HEAT TREATED	F
6061 ALUMINUM	I
STAINLESS STEEL	2CU

*+2R for CB3LC, R for CB2LC

FINISH	CODE
ZINC	G

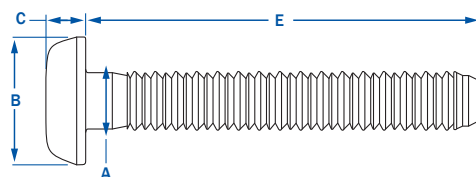
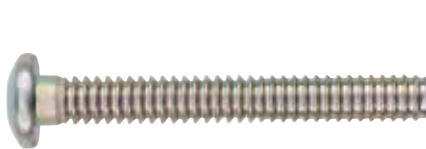
OPTIONS	CODE
TAB LOCK	L



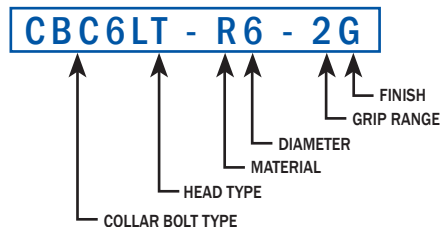
RivetKing® Collar Bolt Multi-Grip

COLLAR BOLT

RivetKing®'s part numbers are made up of six elements which, when correctly designated, completely describe the desired rivet.



SAMPLE PART NUMBER



MECHANICAL PROPERTIES

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

MATERIAL	CODE
CARBON STEEL	R
ALUMINUM	E

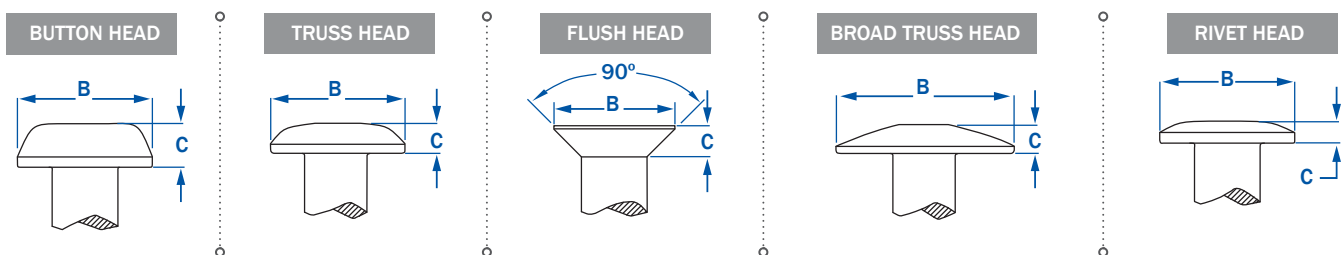
FINISH	CODE
ZINC	G

DIAMETER	CODE
3/16"	6
1/4"	8
5/16"	10
3/8"	12

GRIPS

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

HEADS

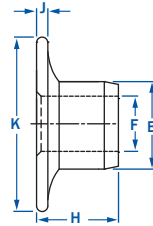
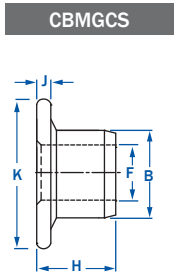
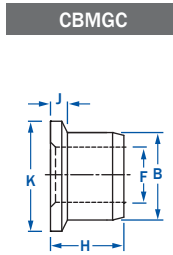


		BUTTON HEAD (B)		TRUSS HEAD (T)		FLUSH HEAD (90)		BROAD TRUSS HEAD (30)		RIVET HEAD (98T)	
NOM. BODY DIA.	GRIP CODE	HEAD DIAMETER	HEAD HEIGHT	HEAD DIAMETER	HEAD HEIGHT	HEAD DIAMETER	HEAD HEIGHT	HEAD DIAMETER	HEAD HEIGHT	HEAD DIAMETER	HEAD HEIGHT
3/16"	10	.356 - .394	.113 - .125	N/A	N/A	.323 - .359	.092 - .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 - .487	.119 - .128	**	.138 - .162	N/A	N/A
	20	.475 - .525	.136 - .152	.531 - .594	.103 - .115	.433 - .487	.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	.178 - .195	.188 - .212	N/A



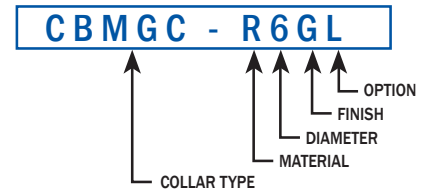
RivetKing® Collar Bolt Multi-Grip

COLLAR DIMENSIONS



COLLAR	DIAMETER	HOLE DIAMETER (F)	BODY DIAMETER (B)	OVERALL LENGTH (H)	HEAD HEIGHT (J)	FLANGE DIAMETER (K)
CBMGC	3/16"	.189 - .195	.307 - .313	.265 - .285	.040 - .052	.365 - .385
CBMGC	1/4"	.250 - .260	.399 - .405	.360 - .390	.055 - .070	.480 - .520
CBMGC	5/16"	.312 - .320	.501 - .509	.430 - .466	.069 - .086	.605 - .645
CBMGC	3/8"	.376 - .384	.603 - .611	.490 - .520	.086 - .100	.730 - .770
CBMGCS	3/16"	.189 - .195	.308 - .315	.290 - .320	.085 - .115	.495 - .535
CBMGCW	3/16"	.189 - .195	.307 - .314	.290 - .320	.090 - .115	.640 - .754
CBMGCW	1/4"	.250 - .260	.399 - .405	.432 - .462	.115 - .145	.855 - 1.00

SAMPLE PART NUMBER



MATERIAL	CODE
CARBON STEEL	R
6061 ALUMINUM	F

FINISH	CODE
ZINC	G
ZINC YELLOW	U

OPTIONS	CODE
TAB LOCK	L



RivetKing® Collar Bolt Tools

STEP 1: Pick your Tool

Collar Bolts & Tools for Collar Bolts larger than 3/8" diameter are available on request.

RK-797C-1 3/16" & 1/4"



RivetKing®'s FreeSet® combines intelligent, cordless technology with high performance riveting for faster, safer, and more efficient assembly. Featuring QuickDraw™ Technology, electronic controls, a brushless motor, maintenance monitoring, and an 18V Li-Ion battery system, it delivers reliable performance while reducing energy use and eliminating the need for compressors and air hoses.

RK-797C-3 3/16" & 1/4"



RivetKing®'s FreeSet® combines intelligent, cordless technology with high performance riveting for faster, safer, and more efficient assembly. Featuring QuickDraw™ Technology, electronic controls, a brushless motor, maintenance monitoring, and an 18V Li-Ion battery system, it delivers reliable performance while reducing energy use and eliminating the need for compressors and air hoses.

- Monitor and Error-Proof the Process
- Measure the Installed Values
- Increase Quality and Engineering
- Department Awareness
- Identify Problems with Fasteners, Personnel, or the Installation
- Datalog and Communicate with External Systems

RK-756 3/8" MAX



RivetKing®'s RK-756 Pneumatic Installation Tool - Installs CollarBolts®, In-Lock®, and TigerBolts®. Tool only; nose assemblies sold separately (see below). Compatible with Huck® and Gage Bilt® nose assemblies.

- Compatible with fastener sizes 3/16" thru 3/8"
- Delivers 10,000 lbf. pull force
- 0.96" stroke
- Operates on 90-100 psi compressed air.

RK-986 1/2" MAX

RivetKing®'s RK-986 Pneumatic with Remote Intensifier - Installs Blind Rivets, CollarBolts®, In-Lock®, TigerBolts® & LockBolts. The best choice for demanding high volume production-oriented environments. By separating the hydraulic unit from the handle assembly, higher forces can be applied. Tool only; nose assemblies sold separately (see below). Compatible with Huck® and Gage Bilt® nose assemblies.

- Compatible with fastener sizes 3/16" thru 1/2"
- Delivers 9,000 lbf Pull Force
- 1.260" stroke
- Operates on 90-100 psi compressed air.



STEP 2: Pick your Nosepieces



Various nosepiece sizes available upon request. Contact our team for application-specific options.

COLLAR BOLTS	BLIND RIVETS	UNOBOLT®
 Fixed Grip™	 In-Lock®	
 Multi Grip™		



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Email: info@rivet.com**