

General Information – Blind Rivets

Rivet Styles

Open End



- For blind fastening where there is no access to opposite side of work
- Simple to install
- Wide variety of head styles and lengths available from 3/32" to 1/4" diameters

Closed End



- Moisture-resistant due to closed end
- Greater shear and tensile strength
- Mandrel is retained 100% of time
- 1/8" to 1/4" diameters

Multi-Grip



- Extended grip range capacity
- Reduces inventory (fewer sizes required)
- Use as a standard open end rivet
- 1/8" to 3/16" diameters

Tri-Bulb



- Large footprint on blind side
- Multi-grip capability
- Oversized hole tolerant
- Great for soft or brittle materials
- Available in 5/32" to 3/16" diameters

Q-Lok



- Retained mandrel increases shear and tensile strength
- Use in high vibration applications
- Mandrel breaks flush when used in mid-grip range
- Moisture-resistant due to tight seal
- 3/16" diameter

Klik-Lock



- Permanently retained mandrel provides increased shear and tensile values
- Use in high vibration applications
- Provides weather-resistant joint
- Available in 3/16" and 1/4" diameters

T-Rivets



- High clamp up
- High shear strength
- Creates a wide bearing surface
- 1/4" diameter

Special Application Rivets



- Small flange rivet used primarily for fastening decorative materials on boats, automobiles, trucks & other motor vehicles
- Best suited to applications where a discreet, secure installation of non-critical components is needed.

Plastic



- Precision-molded, all-nylon
- Secure lock prevents pull-out
- Fasten plastic to plastic, plastic to metal or plastic to fiberglass

Materials Available

Steel/steel, Aluminum/aluminum
Aluminum/steel, Stainless/stainless
Stainless/steel, Copper/brass, Copper/steel

Aluminum/steel, Aluminum/aluminum,
Stainless/stainless

Aluminum/steel, Steel/steel

Aluminum/aluminum

Steel/steel

Steel/steel, Aluminum/aluminum,
Stainless/stainless

Aluminum/steel

Stainless/steel, Aluminum/aluminum

Nylon body, Delrin 500 Mandrel

Head Styles

Buttonhead



- Low profile head diameter is twice the rivet body diameter, providing adequate bearing surface for nearly all applications
- Open-end buttonhead rivets offer the broadest selection of sizes available.

Large Flange



- Provides greater bearing surface for fastening soft and brittle facing materials and oversize facing holes
- Works well with soft materials, where the increased flange diameter protects the integrity of the application

Countersunk



- 120° countersunk rivets for applications where flush appearance is required


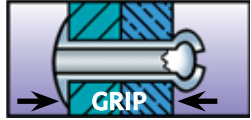

Alcoa Fastening Systems offers a full line of Marson brand rivets for general consumer and industrial applications. These easy-to-use rivets are used to fasten together two or more pieces of material of varying thickness.

Design Information



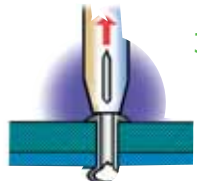
AFS Code Descriptions

Example: **A** – First Letter.....Rivet material (A = Aluminum, S = Steel, C = Copper, SS = Stainless Steel)
ABL6-6A **B** – Second Letter.....Style of Head (B = Buttonhead, C = Countersunk)
L – Third Letter (if any).....Large Flange Head
6 – First Number.....Body Diameter in 32nds
6 – Second Number.....Maximum Grip Length in 16th's
A – Final Letter.....A = Aluminum Mandrel, S = Stainless Steel Mandrel, B = Brass Mandrel,
 C = Copper-plated Steel Mandrel, CLD = Closed-End
 MG = Multi-Grip, QL = Q-Lok, KL = Klik-Lock
 ATB = All Aluminum Tri-Bulb rivet. No letter indicates steel mandrel.

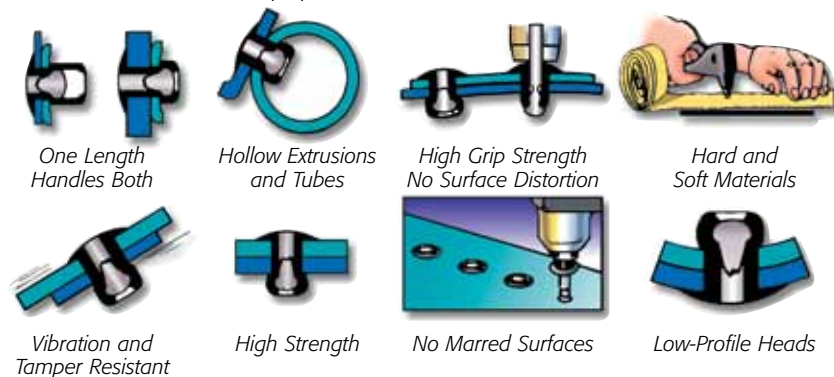
Design Information

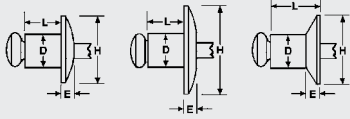
- The shear and tensile strength of the rivet selected and the number of rivets used in the application should equal or exceed the joint strength requirements. Typical ultimate shear and tensile strengths are listed by diameter and material on pages 5 through 16 of this catalog. Testing is recommended before final selection and use in product. 
- The rivet body material should be compatible with the materials to be joined to resist galvanic corrosion which may result in reduction of joint strength. If dissimilar materials are widely separated on the galvanic chart, it is advisable to separate them with a dielectric material such as paint or other coating. AFS can paint colors to match, as well as anodize or plate to your specifications.
- After determination of strengths required by diameter and material, the total thickness of materials to be joined must be considered. The grip range for each rivet is listed on pages 5 through 16. Select the rivet grip range which includes the total thickness of materials to be joined. Please note that the rivet barrel length (Column L) is not the grip range. 
- Use recommended hole sizes for each rivet as shown on pages 5-16. An undersize hole will not allow insertion of rivet body. An oversize hole may cause rivet failure, joint failure and could adversely affect rivet shear and tensile strengths.
- The various head styles (illustrated page 3) are offered to accommodate different assembly needs. The most popular Klik-Fast rivet is the buttonhead, whose lower-profile head is twice the diameter of the rivet body. This provides adequate bearing surface for nearly all applications. The large flange Klik-Fast rivet provides greater bearing surface for fastening soft or brittle facing materials. The countersunk Klik-Fast rivet is available for applications where a flush appearance is required.
- Please visit us at AFS-IDG.com and e-mail your questions. We will follow up with evaluations, recommendations and testing if required.
 - Samples are available upon request.
 - Special packaging available.

To install

- Insert rivet mandrel in rivet setting tool. 
- Using tool as a guide, insert rivet into prepared hole. 
- Or insert rivet into prepared hole and then engage the mandrel with rivet-setting tool. Squeeze trigger or handles to set rivet. Mandrel ejects after rivet is set. 

Blind rivet benefits





Steel Rivets

Plated-Steel Rivet • Coated Steel Mandrel • IFI Grade 30

Buttonhead

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch	Drill No. & Hole Size	H Head Dia. Nom. Inch	E Head Height Max. Inch	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
		Inch	(mm)					(mm)	Inch	(mm)	Shear
SB3-2	M50100	.020-.125	5-3.2	3/32" (.094)	#41 (.097-.100)	.188	.032	.250	6.4	160	200
SB3-4	M50102	.126-.250	3.3-6.4	2.4	(2.46-2.54)	4.78	.810	.375	9.5	711	889
SB4-1	M50111	.020-.062	5-1.6	1/8" (.125)	#30 (.129-.133)	.250	.040	.212	5.4	305	410
SB4-2	M50112	.063-.125	1.7-3.2	3.2	(3.28-3.38)	6.35	1.02	.275	7.0	1356	1823
SB4-3	M50115	.126-.187	3.3-4.8					.337	8.6		
SB4-4	M50117	.188-.250	4.9-6.4					.400	10.2		
SB4-5	M50120	.251-.312	6.5-7.9					.462	11.7		
SB4-6	M50121	.313-.375	8.0-9.5					.525	13.4		
SB4-8	M50122	.376-.500	9.6-12.7					.650	16.5		
SB4-10	M50125	.501-.625	12.8-15.9					.775	19.7		
SB5-2	M50132	.020-.125	5-3.2	5/32" (.156)	#20 (.160-.164)	.312	.050	.300	7.6	420	600
SB5-3	M50134	.126-.187	3.3-4.8	4.0	(4.06-4.16)	7.92	1.27	.362	9.2	1868	2668
SB5-4	M50135	.188-.250	4.9-6.4					.425	10.8		
SB5-6	M50136	.251-.375	6.5-9.5					.550	14.0		
SB5-8	M50137	.376-.500	9.6-12.7					.675	17.2		
SB5-10	M50131	.501-.675	12.8-17.1					.800	20.3		
SB5-12	M50133	.676-.750	17.2-19.1					.925	23.5		
SB6-2	M50145	.020-.125	5-3.2	3/16" (.187)	#11 (.192-.196)	.375	.060	.325	8.3	610	870
SB6-4	M50147	.126-.250	3.3-6.4	4.8	(4.88-4.98)	9.53	1.52	.450	11.5	2713	3889
SB6-6	M50149	.251-.375	6.5-9.5					.575	14.6		
SB6-8	M50152	.376-.500	9.6-12.7					.700	17.8		
SB6-10	M50155	.501-.625	12.8-15.9					.825	21.0		
SB6-12	M50159	.626-.750	16.0-19.1					.950	24.2		
SB6-14	M50163	.751-.875	19.2-22.2					1.075	27.3		
SB6-16	M50170	.876-1.000	22.3-25.4					1.200	30.5		
SB8-2	M50179	.020-.125	5-3.2	1/4" (.250)	F (.257-.261)	.500	.080	.375	9.4	1270	1550
SB8-4	M50181	.126-.250	3.3-6.4	6.4	(6.53-6.63)	12.70	2.03	.500	12.7	5649	6894
SB8-6	M50183	.251-.375	6.5-9.5					.625	15.9		
SB8-8	M50185	.376-.500	9.6-12.7					.750	19.1		
SB8-10	M50187	.501-.625	12.8-15.9					.875	21.0		
SB8-12	M50189	.626-.750	16.0-19.1					1.000	25.4		
SB8-14	M50188	.751-.875	19.2-22.2					1.125	28.6		
SB8-16	M50190	.876-1.000	22.3-25.4					1.250	31.8		

Large Flange

SBL4-3	M50114	.063-.125	1.7-3.2	1/8" (.125)	#30 (.129-.133)	.375	.065	.275	7.0	305	410
SBL4-2	M50124	.126-.187	3.3-4.8	3.2	(3.28-3.38)	9.53	1.65	.337	8.6	1356	1823
SBL4-4	M50119	.188-.250	4.9-6.4					.400	10.2		
SBL4-6	M50108	.313-.375	8.0-9.5					.525	13.3		
SBL4-8	M50109	.376-.500	9.6-12.7					.650	16.5		
SBL5-4	M50138	.188-.250	4.9-6.4	5/32" (.156)	#20 (.160-.164)	.468	.070	.425	10.8	420	600
SBL5-6	M50139	.251-.375	6.5-9.5	4.0	(4.06-4.16)	11.90	1.77	.550	14.0	1868	2668
SBL5-8	M50110	.376-.500	9.6-12.7					.675	17.2		
SBL6-4	M50148	.126-.250	3.3-6.4	3/16" (.187)	#11 (.192-.196)	.615	.090	.450	11.5	610	870
SBL6-6	M50150	.251-.375	6.5-9.5	4.8	(4.88-4.98)	15.88	2.28	.575	14.6	2713	3869
SBL6-8	M50153	.376-.500	9.6-12.7					.700	17.8		
SBL6-10	M50156	.501-.625	12.8-15.9					.825	21.0		
SBL6-12	M50160	.626-.750	16.0-19.1					.950	24.2		
SBL6-14	M50165	.751-.875	19.2-22.2					1.075	27.3		
SBL6-16	M50167	.876-1.000	22.3-25.4					1.200	30.5		

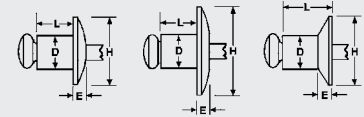
120° Countersunk

SC4-2	M50113	.092-.125	2.3-3.2	1/8" (.125)	#30 (.129-.133)	.220	.031 REF	.275	7.0	305	410
SC4-3	M50116	.126-.187	3.3-4.8	3.2	(3.28-3.38)	5.59	1.14	.337	8.6	1356	1823
SC4-4	M50118	.188-.250	4.9-6.4					.400	10.2		
SC4-6	M50126	.313-.375	6.5-9.5					.525	13.3		
SC4-8	M50127	.376-.500	9.6-12.7					.650	16.5		
SC5-4	M50140	.188-.250	4.9-6.4	5/32" (.156)	#20 (.160-.164)	.281	.040 REF	.425	10.8	420	600
				4.0	(4.06-4.16)	7.20	1.20			1868	2668
SC6-4	M50151	.151-.250	3.8-6.4	3/16" (.187)	#11 (.192-.196)	.350	.050 REF	.450	11.4	610	870
SC6-6	M50129	.251-.375	6.5-9.5	4.8	(4.88-4.98)	8.89	1.27	.575	14.6	2713	3869

KLIK-FAST RIVETS conform to IFI-114 (inch) and IFI-505 (metric). Millimeters (mm) and newtons (N) are in green.

** Also available in various packaged quantities.

Aluminum Rivets



5052 Aluminum Rivet • Aluminum Mandrel • IFI Grade 11

Buttonhead

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch	Drill No. & Hole Size	H Head Dia. Nom. Inch	E Head Height Max. Inch	L Rivet Length Max.		Typical Ultimate Strength (lbs.)	
		Inch	(mm)					Inch	(mm)	Shear	Tensile
AB3-2A	M50200	.020-.125	.5-3.2	3/32" (.094)	#41 (.097-.100)	.188	.032	.250	6.4	80	120
AB3-4A	M50202	.126-.250	3.3-6.4	2.4	(2.46-2.54)	4.78	.810	.375	9.5	355	533
AB4-1A	M50211	.020-.062	.5-1.6	1/8" (.125)	#30 (.129-.133)	.250	.040	.212	5.4	155	240
AB4-2A	M50212	.063-.125	1.7-3.2	3.2	(3.28-3.38)	6.35	1.02	.275	7.0	689	1067
AB4-3A	M50215	.126-.187	3.3-4.8					.337	8.6		
AB4-4A	M50217	.188-.250	4.9-6.4					.400	10.2		
AB4-5A	M50220	.251-.312	6.5-7.9					.462	11.7		
AB4-6A	M50221	.313-.375	8.0-9.5					.525	13.4		
AB4-8A	M50222	.376-.500	9.6-12.7					.650	16.5		
AB4-10A	M50225	.501-.625	12.8-15.9					.775	19.7		
AB5-2A	M50232	.020-.125	.5-3.2	5/32" (.156)	#20 (.160-.164)	.312	.050	.300	7.6	230	340
AB5-3A	M50234	.126-.187	3.3-4.8	4.0	(4.06-4.16)	7.92	1.27	.362	9.2	1023	1512
AB5-4A	M50235	.188-.250	4.9-6.4					.425	10.8		
AB5-6A	M50236	.251-.375	6.5-9.5					.550	14.0		
AB5-8A	M50237	.376-.500	9.6-12.7					.675	17.2		
AB5-10A	M50238	.501-.625	12.8-17.1					.800	20.3		
AB5-12A	M50239	.626-.750	17.2-19.1					.925	23.5		
AB6-2A	M50245	.020-.125	.5-3.2	3/16" (.187)	#11 (.192-.196)	.375	.060	.325	8.3	330	515
AB6-4A	M50247	.126-.250	3.3-6.4	4.8	(4.88-4.98)	9.53	1.52	.450	11.5	1467	2290
AB6-6A	M50249	.251-.375	6.5-9.5					.575	14.6		
AB6-8A	M50252	.376-.500	9.6-12.7					.700	17.8		
AB6-10A	M50255	.501-.625	12.8-15.9					.825	21.0		
AB6-12A	M50259	.626-.750	16.0-19.1					.950	24.2		
AB6-14A	M50263	.751-.875	19.2-22.2					1.075	27.3		
AB6-16A	M50266	.876-1.000	22.3-25.4					1.200	30.5		
AB8-4A	M52281	.126-.250	3.3-6.4	1/4" (.250)	F (.257-.261)	.500	.080	.500	12.7	600	800
AB8-6A	M52283	.251-.375	6.5-9.5	6.4	(6.53-6.63)	12.70	1.88	.625	15.9	2668	3558
AB8-8A	M52285	.376-.500	9.6-12.7					.750	19.1		
AB8-10A	M52287	.501-.625	12.8-15.9					.875	21.0		
AB8-12A	M52289	.626-.750	16.0-19.1					1.000	25.4		
AB8-14A	M52288	.751-.875	19.2-22.2					1.125	28.6		

Large Flange

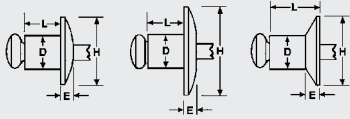
ABL4-2A	M50214	.063-.125	1.7-3.2	1/8" (.125)	#30 (.129-.133)	.375	.065	.275	7.0	155	240
ABL4-3A	M50224	.126-.187	3.3-4.8	3.2	(3.28-3.38)	9.53	1.14	.337	8.6	689	1067
ABL4-4A	M50219	.188-.250	4.9-6.4					.400	10.2		
ABL4-6A	M50226	.313-.375	8.0-9.5					.525	13.3		
ABL4-8A	M50227	.376-.500	9.6-12.7					.650	16.5		
ABL5-4A	M50244	.188-.250	4.9-6.4	5/32" (.156)	#20 (.160-.164)	.468	.070	.425	10.8	230	340
				4.0	(4.06-4.16)	11.90	1.20			1023	1512
ABL6-4A	M50248	.126-.250	3.3-6.4	3/16" (.187)	#11 (.192-.196)	.615	.090	.450	11.5	330	515
ABL6-6A	M50250	.251-.375	6.5-9.5	4.8	(4.88-4.98)	15.88	2.28	.575	14.6	1467	2290
ABL6-8A	M50253	.376-.500	9.6-12.7					.700	17.8		
ABL6-10A	M50256	.501-.625	12.8-15.9					.825	21.0		
ABL6-12A	M50260	.626-.750	16.0-19.1					.950	24.2		
ABL6-16A	M50267	.875-1.00	22.2-25.4					1.200	30.5		

120° Countersunk

AC4-2A	M50213	.092-.125	2.3-3.2	1/8" (.125)	#30 (.129-.133)	.220	.031 REF	.275	7.0	155	240
AC4-3A	M50216	.126-.187	3.3-4.8	3.2	(3.28-3.38)	5.59	1.14	.337	8.6	689	1050
AC4-4A	M50218	.188-.250	4.9-6.4					.400	10.2		
AC4-6A	M50241	.313-.375	8.0-9.5					.525	13.3		
AC5-4A	M50240	.188-.250	4.9-6.4	5/32" (.156)	#20 (.160-.164)	.281	.040 REF	.425	10.8	230	340
AC5-6A	M50242	.313-.375	8.0-9.5	4.0	(4.06-4.16)	7.20	1.20	.550	14.0	1020	1512
AC6-4A	M50251	.151-.250	3.8-6.4	3/16" (.187)	#11 (.192-.196)	.350	.050 REF	.407	10.3	330	515
AC6-6A	M50229	.251-.375	6.5-9.5	4.8	(4.88-4.98)	8.89	1.27	.575	14.6	1467	2290
AC6-8A	M50246	.376-.500	9.6-12.7					.700	17.8		

KLIK-FAST RIVETS conform to IFI-114 (inch) and IFI-505 (metric). Millimeters (mm) and newtons (N) are in green.

** Also available in various packaged quantities.



Aluminum/Steel Rivets

5056 Aluminum Rivet • Coated Steel Mandrel • IFI Grade 19

Buttonhead

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch	Drill No. & Hole Size	H Head Dia. Nom. Inch	E Head Height Max. Inch	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
		Inch	(mm)					Inch	(mm)	Shear	Tensile
AB3-2	M50300	.020-.125	.5-3.2	3/32" (.094)	#41 (.097-.100)	.188	.032	.250	6.4	120	160
AB3-4	M50302	.126-.250	3.3-6.4	2.4	(2.46-2.54)	4.78	.810	.375	9.5	534	711
AB4-1	M50311	.020-.062	.5-1.6	1/8" (.125)	#30 (.129-.133)	.250	.040	.212	5.4	225	315
AB4-2	M50312	.063-.125	1.7-3.2	3.2	(3.28-3.38)	6.35	1.02	.275	7.0	1000	1401
AB4-3	M50315	.126-.187	3.3-4.8					.337	8.6		
AB4-4	M50317	.188-.250	4.9-6.4					.400	10.2		
AB4-5	M50320	.251-.312	6.5-7.9					.462	11.7		
AB4-6	M50321	.313-.375	8.0-9.5					.525	13.4		
AB4-8	M50322	.376-.500	9.6-12.7					.650	16.5		
AB4-10	M50325	.501-.625	12.8-15.9					.775	19.7		
AB5-2	M50332	.020-.125	.5-3.2	5/32" (.156)	#20 (.160-.164)	.312	.050	.300	7.6	300	470
AB5-3	M50334	.126-.187	3.3-4.8	4.0	(4.06-4.16)	7.92	1.27	.362	9.2	1334	2090
AB5-4	M50335	.188-.250	4.9-6.4					.425	10.8		
AB5-6	M50336	.251-.375	6.5-9.5					.550	14.0		
AB5-8	M50337	.376-.500	9.6-12.7					.675	17.2		
AB6-2	M50345	.020-.125	.5-3.2	3/16" (.187)	#11 (.192-.196)	.375	.060	.325	8.3	465	700
AB6-4	M50347	.126-.250	3.3-6.4	4.8	(4.06-4.16)	9.53	1.52	.450	11.5	2068	3113
AB6-6	M50349	.251-.375	6.5-9.5					.575	14.6		
AB6-8	M50352	.376-.500	9.6-12.7					.700	17.8		
AB6-10	M50355	.501-.625	12.8-15.9					.825	21.0		
AB6-12	M50359	.626-.750	16.0-19.1					.950	24.2		
AB6-16	M50366	.751-1.00	19.2-25.4					1.200	30.5		
AB8-4	M52381	.126-.250	3.3-6.4	1/4" (.250)	F (.257-.261)	.500	.080	.500	12.7	990	1195
AB8-6	M52383	.251-.375	6.5-9.5	6.4	(6.53-6.63)	12.70	1.88	.625	15.9	4403	5315
AB8-8	M52385	.376-.500	9.6-12.7					.750	19.1		
AB8-10	M52387	.501-.625	12.8-15.9					.875	21.0		
AB8-12	M52389	.626-.750	16.0-19.1					1.000	25.4		
AB8-14	M52388	.751-.875	19.2-22.2					1.125	28.6		
AB8-16	M52390	.876-1.000	22.3-25.4					1.250	31.8		

Large Flange

ABL4-2	M50314	.063-.125	1.7-3.2	1/8" (.125)	#30 (.129-.133)	.375	.065	.275	7.0	225	315
ABL4-3	M50324	.126-.187	3.3-4.8	3.2	(3.28-3.38)	9.53	1.65	.337	8.6	1000	1401
ABL4-4	M50319	.188-.250	4.9-6.4					.400	10.2		
ABL4-6	M50326	.313-.375	8.0-9.5					.525	13.3		
ABL5-4	M50338	.126-.250	3.2-6.4	5/32" (.156)	#20 (.160-.164)	.468	.070	.425	10.8	300	470
				4.0	(4.06-4.16)	11.9	1.78			1334	2090
ABL6-4	M50348	.126-.250	3.3-6.4	3/16" (.187)	#11 (.192-.196)	.615	.090	.450	11.5	465	700
ABL6-6	M50350	.251-.375	6.5-9.5	4.8	(4.88-4.98)	15.88	2.08	.575	14.6	2068	3113
ABL6-8	M50353	.376-.500	9.6-12.7					.700	17.8		
ABL6-10	M50356	.501-.625	12.8-15.9					.825	21.0		
ABL6-12	M50360	.626-.750	16.0-19.1					.950	24.2		
ABL6-14	M50365	.751-.875	19.2-22.2					1.075	27.3		
ABL6-16	M50367	.876-1.000	22.3-25.4					1.200	30.5		

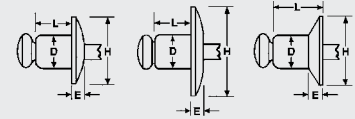
120° Countersunk

AC4-2	M50313	.092-.125	2.3-3.2	1/8" (.125)	#30 (.129-.133)	.220	.031 REF	.275	7.0	225	315
AC4-3	M50316	.126-.187	3.3-4.8	3.2	(3.28-3.38)	5.59	1.14	.337	8.6	1000	1401
AC4-4	M50318	.188-.250	4.9-6.4					.400	10.2		
AC4-5	M50323	.251-.312	6.5-9.5					.525	11.7		
AC5-4	M50340	.188-.250	4.9-6.4	5/32" (.156)	#20 (.160-.164)	.281	.040 REF	.425	10.8	300	470
AC5-6	M50342	.251-.375	6.5-9.5	4.0	(4.06-4.16)	7.2	1.20	.550	14.0	1334	2090
AC5-8	M50343	.376-.500	9.6-12.7					.675	17.2		
AC6-4	M50346	.151-.250	3.8-6.4	3/16" (.187)	#11 (.192-.196)	.350	.050 REF	.407	10.3	465	700
AC6-6	M50329	.251-.375	6.5-9.5	4.8	(4.88-4.98)	8.89	1.27	.575	14.6	2068	3113
AC6-8	M50306	.376-.500	9.6-12.7					.700	17.8		

CLI-K-FAST RIVETS conform to IFI-114 (inch) and IFI-505 (metric). Millimeters (mm) and newtons (N) are in green.

** Also available in various packaged quantities.

Stainless Rivets



Stainless Rivet • Stainless Mandrel • IFI Grade 51 Buttonhead

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch (mm)	Drill No. & Hole Size (mm)	H Head Dia. Nom. Inch (mm)	E Head Height Max. Inch (mm)	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
		Inch	(mm)					Inch	(mm)	Shear	Tensile
SSB4-1S	M50411	.020-.062	.5-1.6	1/8" (.125)	#30 (.129-.133)	.250	.040	.212	5.4	520	600
SSB4-2S	M50412	.063-.125	1.7-3.2	3.2	(3.28-3.38)	6.35	1.02	.275	7.0	2310	2660
SSB4-3S	M50415	.126-.187	3.3-4.8					.337	8.6		
SSB4-4S	M50417	.188-.250	4.9-6.4					.400	10.2		
SSB4-5S	M50420	.251-.312	6.5-7.9					.462	11.7		
SSB4-6S	M50421	.313-.375	8.0-9.5					.525	13.4		
SSB4-8S	M50422	.376-.500	9.6-12.7					.650	16.5		
SSB5-2S	M50432	.020-.125	.5-3.2	5/32" (.156)	#20 (.160-.164)	.312	.045	.300	7.6	785	1040
SSB5-3S	M50434	.126-.187	3.3-4.8	4.0	(4.06-4.16)	7.92	1.14	.338	8.0	3490	4620
SSB5-4S	M50435	.188-.250	4.9-6.4					.425	10.8		
SSB5-6S	M50436	.251-.375	6.5-9.5					.550	14.0		
SSB5-8S	M50437	.376-.500	9.6-12.7					.675	17.2		
SSB5-10S	M50427	.501-.625	12.8-15.9					.800	20.3		
SSB6-2S	M50445	.020-.125	.5-3.2	3/16" (.187)	#11 (.192-.196)	.375	.066	.325	8.3	1150	1300
SSB6-4S	M50447	.126-.250	3.3-6.4	4.8	(4.88-4.98)	9.53	1.40	.450	11.5	5110	5780
SSB6-6S	M50449	.251-.375	6.5-9.5					.575	14.6		
SSB6-8S	M40450	.376-.500	9.6-12.7					.700	17.8		
SSB6-10S	M40457	.501-.625	12.8-15.9					.825	21.0		
SSB6-12S	M50458	.626-.750	16.0-19.1					.950	24.2		
SSB6-16S	M50466	.751-1.000	19.2-25.4					1.200	30.5		
SSB8-4S	M52481	.126-.250	3.3-6.4	1/4" (.250)	F (.257-.261)	.500	.074	.500	12.7	1700	2100
SSB8-6S	M52483	.251-.375	6.5-9.5	6.4	(6.53-6.63)	12.70	1.88	.625	15.9	7560	9340
SSB8-8S	M52485	.376-.500	9.6-12.7					.750	19.1		
SSB8-10S	M52487	.501-.625	12.8-15.9					.875	21.0		
SSB8-12S	M52489	.626-.750	16.0-19.1					1.000	25.4		

Large Flange

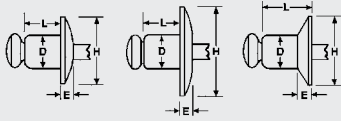
SSBL4-2S	M50409	.063-.125	1.7-3.2	1/8" (.125)	#30 (.129-.133)	.375	.045	.275	7.0	520	600
SSBL4-3S	M50416	.126-.187	3.3-4.8	3.2	(3.28-3.38)	9.53	1.14	.337	8.6	2310	2660
SSBL4-4S	M50418	.188-.250	4.9-6.4					.400	10.2		
SSBL6-4S	M50452	.126-.250	3.3-6.4	3/16" (.187)	#11 (.192-.196)	.615	.082	.450	11.5	1150	1300
SSBL6-6S	M50453	.251-.375	6.5-9.5	4.8	(4.88-4.98)	15.88	2.08	.575	14.6	5110	5780
SSBL6-8S	M50456	.376-.500	9.6-12.7					.700	17.8		
SSBL6-10S	M50451	.501-.625	12.8-15.9					.825	21.0		
SSBL6-12S	M50455	.626-.750	16.0-19.1					.950	24.2		

120° Countersunk

SSC4-2S	M50423	.092-.125	2.3-3.2	1/8" (.125)	#30 (.129-.133)	.220	.031 REF	.275	7.0	520	600
SSC4-3S	M50424	.126-.187	3.3-4.8	3.2	(3.28-3.38)	5.59	1.14	.337	8.6	2310	2660
SSC4-4S	M50425	.188-.250	4.9-6.4					.400	10.2		
SSC4-5S	M50426	.251-.312	6.5-7.9					.462	11.7		
SSC6-4S	M50429	.151-.250	3.8-6.4	3/16" (.187)	#11 (.192-.196)	.350	.050 REF	.407	10.3	1150	1300
				4.8	(4.88-4.98)	8.89	1.27			5110	5780

KLICK-FAST RIVETS conform to IFI-114 (inch) and IFI-505 (metric). Millimeters (mm) and newtons (N) are in green.

** Also available in various packaged quantities.



Stainless/Steel Rivets

Stainless Rivet • Coated Steel Mandrel • IFI Grade 50

Buttonhead

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch	Drill No. & Hole Size	H Head Dia. Nom. Inch	E Head Height Max. Inch	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
		Inch	(mm)					Inch	(mm)	Shear	Tensile
SSB4-1	M50511	.020-.062	.5-1.6	1/8" (.125)	#30 (.129-.133)	.250	.040	.212	5.4	520	600
SSB4-2	M50512	.063-.125	1.7-3.2	3.2	(3.28-3.38)	6.35	1.02	.275	7.0	2310	2660
SSB4-3	M50515	.126-.187	3.3-4.8					.337	8.6		
SSB4-4	M50517	.188-.250	4.9-6.4					.400	10.2		
SSB4-5	M50526	.251-.312	6.5-7.9					.462	11.7		
SSB4-6	M50521	.313-.375	8.0-9.5					.525	13.4		
SSB4-8	M50522	.376-.500	9.6-12.7					.650	16.5		
SSB5-2	M50532	.020-.125	.5-3.2	5/32" (.156)	#20 (.160-.164)	.312	.045	.300	7.6	785	1040
SSB5-4	M50535	.126-.250	3.3-6.4	4.0	(4.06-4.16)	7.92	1.14	.425	8.0	3490	4620
SSB5-6	M50536	.251-.375	6.5-9.5					.550	14.0		
SSB6-2	M50545	.020-.125	.5-3.2	3/16" (.187)	#11 (.192-.196)	.375	.055	.325	8.3	1150	1300
SSB6-4	M50547	.126-.250	3.3-6.4	4.8	(4.88-4.98)	9.53	1.40	.450	11.5	5110	5780
SSB6-6	M50549	.251-.375	6.5-9.5					.575	14.6		
SSB6-8	M50550	.376-.500	9.6-12.7					.700	17.8		
SSB6-10	M50557	.501-.625	12.8-15.9					.825	21.0		
SSB6-12	M50558	.626-.750	16.0-19.1					.950	24.2		
SSB6-16	M50566	.751-1.000	19.2-25.4					1.120	30.5		

Large Flange

SSBL4-2	M50513	.063-.125	1.7-3.2	1/8" (.125)	#30 (.129-.133)	.375	.045	.275	7.0	520	600
SSBL4-3	M50518	.126-.187	3.3-4.8	3.2	(3.28-3.38)	9.53	1.14	.337	8.6	2310	2660
SSBL4-4	M50519	.188-.250	4.9-6.4					.400	10.2		
SSBL6-4	M50548	.126-.250	3.3-6.4	3/16" (.187)	#11 (.192-.196)	.615	.082	.450	11.5	1150	1300
SSBL6-6	M50553	.251-.375	6.5-9.5	4.8	(4.88-4.98)	15.88	2.08	.575	14.6	5110	5780
SSBL6-8	M50556	.376-.500	9.6-12.7					.700	17.8		
SSBL6-10	M50551	.501-.625	12.8-15.9					.825	21.0		
SSBL6-12	M50555	.626-.750	16.0-19.1					.950	24.2		

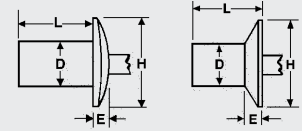
120° Countersunk

SSC4-2	M50523	.092-.125	2.3-3.2	1/8" (.125)	#30 (.129-.133)	.220	.031 REF	.275	7.0	520	600
SSC4-3	M50524	.126-.187	3.3-4.8	3.2	(3.28-3.38)	5.59	1.14	.337	8.6	2310	2660
SSC4-4	M50525	.188-.250	4.9-6.4					.400	10.2		
SSC4-5	M50528	.251-.312	6.5-7.9					.462	11.7		
SSC6-4	M50529	.151-.250	3.8-6.4	3/16" (.187)	#11 (.192-.196)	.350	.050 REF	.407	10.3	1150	1300
				4.8	(4.88-4.98)	8.89	1.27			5110	5780

KLIK-FAST RIVETS conform to IFI-114 (inch) and IFI-505 (metric). Millimeters (mm) and newtons (N) are in green.

** Also available in various packaged quantities.

Closed-End Rivets



5056 Aluminum/Steel • IFI Grade 19 Buttonhead

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch	Drill No. & Hole Size	H Head Dia. Nom. Inch	E Head Height Max. Inch	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
		Inch	(mm)					Inch	(mm)	Shear	Tensile
AB4-1CLD	M56000	.020-.062	.5-1.6	1/8"(.126)	#30	.236	.050	.255	6.48	240	280
AB4-2CLD	M56001	.063-.125	1.7-3.2	3.2	(.129-.133)	5.99	1.27	.316	8.03	1060	1240
AB4-3CLD	M56002	.126-.187	3.3-4.8					.377	9.58		
AB4-4CLD	M56003	.188-.250	4.9-6.4					.440	11.18		
AB4-5CLD	M56004	.251-.312	6.5-7.9					.502	12.75		
AB4-6CLD	M56015	.313-.375	8.0-9.5					.565	14.35		
AB5-2CLD	M56005	.063-.125	1.7-3.2	5/32"(.157)	#20	.315	.065	.330	8.38	350	480
AB5-3CLD	M56006	.126-.187	3.3-4.8	4.0	(.160-.164)	8.00	1.65	.392	9.96	1550	2130
AB5-5CLD	M56007	.188-.312	4.9-7.9					.517	13.13		
AB6-2CLD	M56008	.063-.125	1.7-3.2	3/16"(.188)	#11	.374	.080	.345	8.76	500	690
AB6-4CLD	M56009	.126-.250	3.3-6.4	4.8	(.192-.196)	9.50	2.03	.470	11.94	2230	3070
AB6-6CLD	M56010	.251-.375	6.5-9.5					.595	15.11		
AB6-8CLD	M56011	.376-.500	9.6-12.7					.720	18.29		
AB6-10CLD	M56012	.501-.625	12.8-15.9					.845	21.46		
AB8-4CLD	M56013	.062-.250	1.6-6.4	1/4"(.252)	F	.512	.090	.505	12.83	900	1100
AB8-6CLD	M56014	.251-.375	6.5-9.5	6.4	(.257-.261)	13.0	2.29	.630	16.00	3950	5000

120° Countersunk

AC4-2CLD	M56016	.092-.125	2.3-3.2	1/8"(.126)	#30	.236	.050	.361	9.17	240	280
AC4-3CLD	M56017	.126-.187	3.3-4.8	3.2	(.129-.133)	5.99	1.27	.422	10.72	1060	1240
AC4-4CLD	M56018	.188-.250	4.9-6.4					.486	12.34		
AC6-4CLD	M56019	.126-.250	3.3-6.4	3/16"(.188)	#11	.374	.540	.540	13.72	500	690
				4.8	(.192-.196)	9.50	13.72			2230	3070

All Aluminum Buttonhead • IFI Grade 15

AB4-2ACLD	M56201	.063-.125	1.7-3.2	1/8"(.126)	#30	.236	.050	.316	8.03	99	108
AB4-3ACLD	M56202	.126-.187	3.3-4.8	3.2	(.129-.133)	5.99	1.27	.377	9.58	450	490
AB4-4ACLD	M56203	.188-.250	4.9-6.4								
AB5-4ACLD	M56207	.126-.250	3.3-6.4	5/32"(.157)	#20	.315	.065	.440	11.18	127	180
				4.0	(.160-.164)	8.00	1.65	.500	12.70	198	246
AB6-2ACLD	M56208	.063-.125	1.7-3.2	3/16"(.188)	#11	.374	.080	.345	8.76	900	1120
AB6-4ACLD	M56209	.126-.250	3.3-6.4	4.8	(.192-.196)	9.50	2.03	.417	11.94	3950	5090
AB6-6ACLD	M56210	.251-.375	6.5-9.5					.591	15.06		
AB6-8ACLD	M56211	.376-.500	9.6-12.7					.720	18.29		
AB6-10ACLD	M56022	.501-.625	12.8-15.9					.845	21.46		

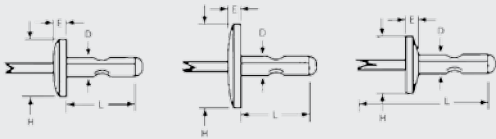
All Stainless Buttonhead

SSB4-2SCLD	M56403	.063-.125	1.7-3.2	1/8"(.126)	#30	.236	.039	.346	8.79	441	551
SSB4-3SCLD	M56405	.126-.187	3.3-4.8	3.2	(.129-.133)	5.99	.990	.407	10.34	2000	2500
SSB4-4SCLD	M56406	.188-.250	4.9-6.4					.470	11.94		
SSB6-2SCLD	M56408	.063-.125	1.7-3.2	3/16"(.188)	#11	.374	.070	.375	9.52	991	1210
SSB6-4SCLD	M56409	.126-.250	3.3-6.4	4.8	(.192-.196)	9.49	1.77	.500	12.70	4500	5500
SSB6-6SCLD	M56410	.251-.375	6.5-9.5					.625	15.87		
SSB6-8SCLD	M56411	.376-.500	9.6-12.7					.750	19.05		
SSB6-10SCLD	M56412	.501-.625	12.8-15.9					.875	22.22		

Note: A slightly smaller mandrel diameter is required for closed-end rivets; therefore when setting closed-end rivets using Marson brand rivet setting tools, we recommend you use one size smaller nosepiece when possible (i.e., to set 1/8" rivets, use 3/32" nosepiece).

KLIK-FAST RIVETS conform to IFI-126 (inch). Millimeters (mm) and newtons (N) are in green.

**Also available in packaged quantities.



Multi-Grip Rivets

Buttonhead

Large Flange

Countersunk

Plated Steel Rivet • Steel Mandrel • IFI Grade 30

Steel Buttonhead

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch	Drill No. & Hole Size	H Head Dia. Nom. Inch	E Head Height Max. Inch	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
		Inch	(mm)					Inch	(mm)	Shear	Tensile
SB41-42MG	M56112	.043-.156	1.1-4.0	1/8"(.125)	#30(.129-.133)	.283	.033	.355	9.0	340	385
				3.2	(3.28-3.38)	7.20	.850			1510	1710
SB52-53MG	M56134	.056-.196	1.4-5.0	5/32"(.156)	#20(.160-.164)	.319	.047	.433	11.0	440	530
				4.0	(4.06-4.16)	8.10	1.20			1960	2360
SB62-63MG	M56146	.047-.187	1.2-4.8	3/16"(.187)	#11(.192-.196)	.386	.069	.405	10.3	810	750
				4.8	(4.88-4.98)	9.80	1.75			3605	3335
SB63-64MG	M56147	.156-.250	4.0-6.3					.500	12.7	1025	780
										4560	3470

Aluminum/Steel Buttonhead†

AB41-43MG	M56315	.031-.187	.8-4.8	1/8"(.125)	#30(.129-.133)	.250	.037	.315	8.0	165	230
AB42-44MG	M56317	.046-.250	1.2-6.4	3.2	(3.28-3.38)	6.35	.95	.375	9.5	735	1025
AB44-45MG	M56320	.156-.312	4.0-7.9					.438	11.1		
AB45-46MG	M56321	.216-.375	5.5-9.5					.500	12.7		
AB52-54MG	M56335	.046-.250	1.2-6.4	5/32"(.156)	#20(.160-.164)	.312	.047	.375	9.5	255	375
AB54-56MG	M56336	.156-.375	4.0-9.5	4.0	(4.06-4.16)	7.92	1.20	.500	12.7	1135	1670
AB56-58MG	M56337	.250-.500	6.4-12.7					.666	16.9		
AB62-64MG	M56347	.062-.250	1.6-6.4	3/16"(.187)	#11(.192-.196)	.386	.057	.406	10.3	350	530
AB63-67MG	M56351	.187-4.37	4.8-11.1	4.8	(4.88-4.98)	9.80	1.45	.595	15.1	1560	2360
AB66-68MG	M56352	.250-.500	6.4-12.7					.666	16.9		
AB610-612MG	M56359	.500-.781	12.7-19.8					.978	24.8		

Aluminum/Steel Large Flange

ABL42-43MG	M56314	.031-.187	.8-4.8	1/8"(.125)	#30(.129-.133)	.325	.039	.315	8.0	165	230
ABL42-44MG	M56319	.046-.250	1.2-6.4	3.2	(3.28-3.38)	8.25	1.00	.375	9.5	735	1025
ABL44-45MG	M56322	.156-.312	4.0-7.9					.438	11.1		
ABL52-54MG	M56241	.062-.250	1.6-6.4	5/32"(.156)	#20(.160-.164)	.374	.051	.375	9.5	255	375
ABL53-55MG	M56340	.125-.312	3.2-7.9	4.0	(4.06-4.16)	9.50	1.30	.438	11.1	1135	1670
ABL55-58MG	M56342	.251-.500	6.4-12.7					.690	17.5		
ABL64-66MG	M56350	.062-.250	1.6-6.4	3/16"(.187)	#11(.192-.196)	.625	.069	.406	10.3	350	530
ABL66-68MG	M56353	.250-.500	6.4-12.7	4.8	(4.88-4.98)	15.85	1.75	.666	16.9	1560	2360
ABL610-612MG	M56360	.500-.781	12.7-19.8					.978	24.8		

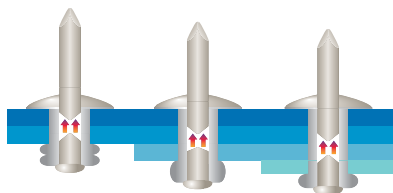
Aluminum/Steel 120° Countersunk

AC43-44MG	M56318	.093-.250	2.4-6.4	1/8"(.125)	#30(.129-.133)	.209	.029 REF	.383‡	9.7	155	206
				3.2	(3.28-3.38)	5.30	.75			690	912
AC53-55MG	M56357	.109-.312	2.7-7.9	5/32"(.156)	#20(.160-.164)	.252	.049 REF	.470‡	11.9	255	300
				4.0	(4.06-4.16)	6.40	1.24			1135	1670
AC62-65MG	M56361	.062-.312	1.6-7.9	3/16"(.187)	#11(.192-.196)	.345	.051 REF	.500‡	12.7	350	530
AC66-68MG	M56362	.250-.500	6.4-12.7	4.8	(4.88-4.98)	8.75	1.30	.690‡	17.5	1560	2360

‡ Countersunk—Total Length (L) including head

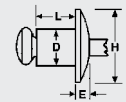
Millimeters (mm) and newtons (N) are in green.

**Also available in packaged quantities.



Multi-grip rivets provide an effective and economical alternative to other, more costly methods of fastening, because one size handles the grip range capacity of up to 3 standard open end rivets. Multi-grip rivets can be used in any application requiring open end rivets, while reducing inventory requirements. Use multi-grip rivets as a standard open-end rivet . . . no special tool is needed.

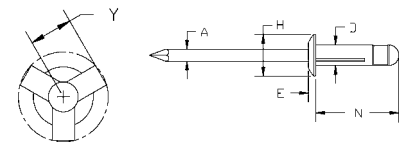
Specialty Rivets



#110 Copper/Brass & #110 Copper/Steel (copper-plated mandrel)

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch (mm)	Drill No. & Hole Size (mm)	H Head Dia. Nom. Inch (mm)	E Head Height Max. Inch (mm)	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
		Inch	(mm)					Inch	(mm)	Shear	Tensile
CB4-2B	M58600	.063-.125	1.7-3.2	1/8" (.125)	#30 (.129-.133)	.250	.040	.275	7.0	215	300
CB4-4B	M58602	.188-.250	4.9-6.4	3/2	3.3 (3.28-3.38)	6.35	1.02	.400	10.2	950	1330
CB4-2C	M58600	.063-.125	1.7-3.2	1/8" (.125)	#30 (.129-.133)	.250	.040	.275	7.0	215	300
CB4-4C	M58602	.188-.250	4.9-6.4	3/2	3.3 (3.28-3.38)	6.35	1.02	.400	10.2	950	1330

B - Copper/Brass; C - Copper/Steel (copper-plated mandrel)
 **Also available in packaged quantities.



Tri-Bulb Rivets

AFS Description	D	Grip Range	Drill No. & Hole Size	A	E	H	N	Y	Shear		Tensile	
									lbs.	newtons	lbs.	newtons
A0516ATB	5/32" (.156)	.039 - .118	#20 (.160-.164)	.091	.055	.315	.630	.236	134	600	224	1000
A0523ATB		.039 - .276		.091	.055	.315	.835	.335	134	600	224	1000
A0619ATB	3/16" (.187)	.039 - .157	#11 (.192-.196)	.115	.071	.386	.720	.276	202	900	269	1200
A0622ATB		.039 - .248		.115	.071	.386	.807	.335	202	900	269	1200
A0625ATB		.039 - .354		.115	.071	.386	.925	.374	202	900	269	1200
A0630ATB		.157 - .472		.115	.071	.386	1.063	.433	202	900	269	1200
AL0625ATB		.039 - .354		.115	.079	.551	.925	.374	202	900	269	1200

For black rivets add BL to the part number. White available as special order item. Refer to price list for bulk part number.

Painted Rivets*

W=White BR=Brown BL=Black

AFS Description	Bulk Part No.**	Rivet Color	Grip Range		D Rivet Dia. Nom. Inch (mm)	Drill No. & Hole Size (mm)	H Head Dia. Nom. Inch (mm)	E Head Height Max. Inch (mm)	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
			Inch	(mm)					Inch	(mm)	Shear	Tensile
AB4-2AW	M53032	W	.062-.125	1.7-3.2	.125	#30 (.129-.133)	.250	.040	.275	7.0	155	240
AB4-3AW	M53007	W	.126-.187	3.2-4.8	3.2	(3.28-3.38)	6.35	1.02	.337	8.6	689	1067
AB4-4AW	M53009	W	.188-.250	4.9-6.4					.400	10.2		
AB4-2ABR	M53097	BR	.062-.125	1.7-3.2	.125	#30 (.129-.133)	.275	.040	.275	7.0	155	240
AB4-3ABR	M53081	BR	.126-.187	3.2-4.8	3.2	(3.28-3.38)	.337	1.02	.337	8.6	689	1067
AB4-4ABR	M53099	BR	.188-.250	4.9-6.4					.400	10.2		
AB4-2ABL	M53098	BL	.062-.125	1.7-3.2	.125	#30 (.129-.133)	.275	.040	.275	7.0	155	240
AB4-3ABL	M53102	BL	.126-.187	3.2-4.8	3.2	(3.28-3.38)	.337	1.02	.337	8.6	689	1067
AB4-4ABL	M53100	BL	.188-.250	4.9-6.4					.400	10.2		
SB4-2W	M53033	W	.062-.125	1.7-3.2	.125	#30 (.129-.133)	.275	.040	.275	7.0	305	410
SB4-3W	M53034	W	.126-.187	3.2-4.8	3.2	(3.28-3.38)	.337	1.02	.337	8.6	1356	1823
SB4-4W	M53036	W	.188-.250	4.9-6.4					.400	10.2		
SB4-2BR	M53003	BR	.062-.125	1.7-3.2	.125	#30 (.129-.133)	.275	.040	.275	7.0	305	410
SB4-3BR	M53011	BR	.126-.187	3.2-4.8	3.2	(3.28-3.38)	.337	1.02	.337	8.6	1356	1823
SB4-4BR	M53012	BR	.188-.250	4.9-6.4					.400	10.2		
SB4-2BL	M53060	BL	.062-.125	1.7-3.2	.125	#30 (.129-.133)	.275	.040	.275	7.0	330	515
SB4-4BL	M53051	BL	.188-.250	3.2-4.8	3.2	(3.28-3.38)		1.02	.400	10.2	1467	2290

*Custom colors available; contact factory for additional information. Painted rivets work best when hole size is at the high end of tolerance to allow for paint.
 **Also available in packaged quantities.

Back-Up Washers

AFS Description	Standard Carton Qty.	Bulk Part No.**	500 Pack No.	Material	For Hole Size	Size/Shape
SS-3	5M	M50653	M40653	STEEL	3/32"	1/2" SQ
SS-4	5M	M50654	M40654	STEEL	1/8"	1/2" SQ
SS-6	5M	M50656	M40656	STEEL	3/16"	1/2" SQ
SS-8	10M	M50658	M40658	STEEL	1/8"	3/8" RD
SS-9	10M	M50655	M40655	STEEL	5/32"	7/16" RD
SS-10	10M	M50661	M40661	STEEL	3/16"	1/2" RD
SS-12	10M	M50662	M40662	STEEL	1/4"	1/2" RD
AS-8	10M	M50657	M40657	ALUMINUM	1/8"	3/8" RD
AS-9	10M	M50659	M40659	ALUMINUM	5/32"	7/16" RD
AS-10	10M	M50660	M40660	ALUMINUM	3/16"	1/2" RD
AS-12	10M	M50665	M40665	ALUMINUM	1/4"	1/2" RD

**Also available in packaged quantities.

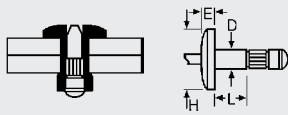
Back-up washers are .056"-.062" thick. They are used when fastening soft materials or to compensate for oversized holes.



Double-Ended Drill Bit/M39100

This double-ended drill bit provides the correct size hole and angle for 1/8" diameter countersink rivets, drilling and countersinking in one operation.



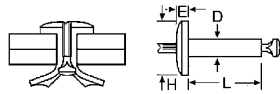


Specialty Rivets

Steel Q-Lok™ Rivets

Plated Steel Body Plated Steel Mandrel

AFS Description	Bulk Part No.**	Grip Range		D Rivet Dia. Nom. Inch (mm)	Drill No. & Hole Size (mm)	H Head Dia. Nom. Inch (mm)	E Head Height Max. Inch (mm)	L Rivet Length Max.		Typical Ultimate Strength (lbs.) (newtons)	
		Inch	(mm)					Inch	(mm)	Shear	Tensile
SB6-2QL	M55145	.062-.125	2.3-3.2	3/16"(.187)	#11(.192-.196)	.375	.065	.350	8.9	1050	825
SB6-4QL	M55147	.126-.250	3.3-6.4	4.8	(4.88-4.98)	9.5	1.65	.475	12.0	4670	3670
SB6-6QL	M55149	.251-.375	6.5-9.5					.600	15.2		
SB6-8QL	M55152	.376-.500	9.6-12.7					.725	18.4		



T-Rivets/Klik-Split®

Aluminum/Steel†

—	M52372	.062-.125	1.58-3.18	1/4"(.250)	F(.257-.261)	.500	.120	.520	13.22	1500	1000
—	M52371	.032-.140	.81-3.56	6.4	(.653-6.63)	12.7	3.00	.520	13.22	6670	4445
—	M52368	.251-.312	6.38-7.93					.707	17.79		
—	M52369	.312-.375	7.95-9.53					.770	19.56		
—	M52370	.376-.437	9.55-11.10					.832	21.13		
—	M50376	.520-.620	13.21-15.97					.960	24.38		

† Requires nosepiece No. M96028 when using the Marson brand Big Daddy® or Big Daddy II hand tool.
KLIK-FAST RIVETS conform to IFI-130 (inch) and IFI-505 (metric). Millimeters (mm) and newtons (N) are in green.

**Also available in packaged quantities.

Automotive/Special Application Rivets

Trim Rivets

AFS Description	Bulk Part No.**	Grip Range	Description	Materials Body/Mandrel	Rivet Dia. Nom	Flange Dia. Nom.	Hole Dia. Range	500 Pack No.
ABN4-3A	M50261*	.126-.187	Trim Moulding Rivet	Alum/Alum	.125	.208	.129-.133	M40261
ABN4-4A	M50262*	.188-.250	Long Trim Moulding Rivet	Alum/Alum	.125	.208	.129-.133	M40262
SSBN4-3	M50516*	.126-.187	Trim Moulding Rivet w/SS Body	SS/Steel	.125	.208	.129-.133	M40516

*Use 39112 Trim Clip Rivet Nosepieces with HP-2 or HP-3 to form trim clip studs with 50261; 50262; 50516 rivets.

Klik-Split® Window & Door Rivets†

AFS Description	Bulk Part No.**	Grip Range	Description	Materials Body/Mandrel	Rivet Dia. Nom	Flange Dia. Nom.	Hole Dia. Range	50 Pack No.
—	M52371	.032-.140	Window Regulator Rivet	Alum/Steel	.250	.500	.257-.261	M42371
—	M52372	.090-.115	Outside Door Handle Rivet with recessed head	Alum/Steel	.250	.500	.257-.261	M42372
—	M52373	.110-.177	Door Handle Rivet with recessed head and zinc coated mandrel	Alum/Steel	.250	.500	.257-.261	M42373
—	M52374	.140-.187	Window Regulator Rivet with yellow zinc coated mandrel	Alum/Steel	.250	.500	.257-.261	M42374
—	M52375	.090-.115	Blk. Anodized Door Handle Rivet	Alum/Steel	.250	.500	.257-.261	M42375
—	M50376	.520-.620	Glass Stop Rivet	Alum/Steel	.250	.500	.257-.261	M42376

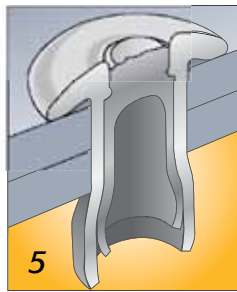
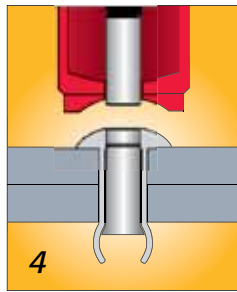
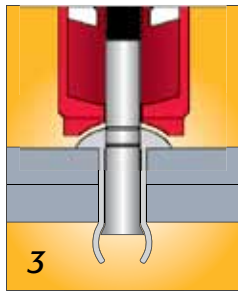
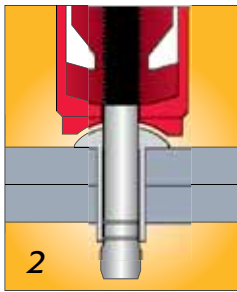
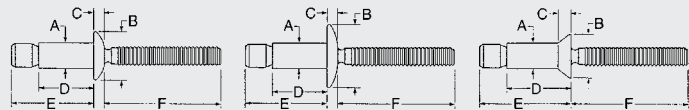
† Requires nosepiece No. M96028 when using the Marson brand Big Daddy® or Big Daddy® II hand tool.

Miscellaneous Rivets

AFS Description	Bulk Part No.**	Grip Range	Description	Materials Body/Mandrel	Rivet Dia. Nom	Flange Dia. Nom.	Hole Dia. Range	50 Pack No.
—	M53150	.250-.375	Bumper Fascia Rivet large flange black	Steel/Steel	.187	.625	.192-.196	M43150
—	M53353	.125-.187	Trunk Lock Swivel Emblem Rivet sealed end, countersunk head	Alum/Steel	.156	.312	.160-.164	M43353
—	M53295	.125-.187	Rear Window Gasket Rivet	Alum/Steel	.125	.325	.129-.130	M43295
—	M53181	.125-.250	Bumper Fascia Rivet w/yellow zinc coated mandrel	Steel/Steel	.250	.500	.257-.261	M43181

**Also available in packaged quantities.

Klik-Lock™ Rivets



1 After drilling hole to proper diameter, rivet is placed into hole and rivet setting tool is placed over mandrel.

2 Actuating tool starts mandrel into rivet body, pulling work material together and expanding body on the blind side.

3 A solid circle lock is created between the body and mandrel creating a weather resistant assembly that virtually eliminates pin pushout.

4 After the mandrel is broken, the mandrel is flush with the rivet body removing the need for grinding.

5 The expansion of the body tightly fills the hole creating a weather-resistant joint.

AFS Description	Bulk Part No.**	Grip Range Inch (mm)	A Rivet Dia. Inch (mm)	Required Hole Size Inch (mm)	B Head Dia. Inch (mm)	C Head Height Max. Inch (mm)	D Body Length Max. Inch (mm)	E Overall Length Max. (mm)	F Length Max. Inch (mm)	Average Shear Strength lbs. (newtons)	Average Tensile Strength lbs. (newtons)
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Steel Rivet • Steel Mandrel • Buttonhead

SB6-4KL	M50807	.062-.270	.188	.191-.201	.385	.085	.415	.675	1.00	1450	1200
		1.57-6.85						4.8			
SB6-7KL	M50808	.214-.437						.572	1.00		
		5.43-11.09						14.52		20.95	25.40
SB6-EKL	M50809	.062-.437						.572	1.00		
		1.57-11.09						14.52		24.13	25.40
SB8-6KL	M50810	.080-.375	.257	.261-.272	.525	.117	.560	.970	1.00	2750	2200
		2.03-9.52						6.5			
SB8-10KL	M50811	.350-.625						.810	1.00		
		8.89-15.75						20.57		30.98	25.40
SB8-EKL	M50812	.080-.625						.810	1.00		
		2.03-15.87						20.57		35.68	25.40

Large Flange

SBL6-4KL	M50813	.062-.270	.188	.191-.201	.500	.085	.415	.675	1.00	1450	1200
		1.57-6.85						4.8			
SBL6-EKL	M50814	.062-.437						.572	1.00		
		1.57-11.09						14.52		24.13	25.40
SBL8-6KL	M50815	.80-.375	.257	.261-.272	.588	.117	.560	.970	1.00	2750	2200
		2.03-9.52						6.5			

100° Countersunk

SC6-6KL	M50816	.125-.331	.188	.191-.201	.345	.070	.486	.762	1.00	1450	1200
		3.17-8.40						4.8			
SC6-9KL	M50818	.305-.500						.653	1.00		
		7.74-12.70						16.58		23.59	25.40
SC8-8KL	M50819	.160-.475	.257	.261-.272	.405	.079	.660	1.059	1.00	2750	2200
		4.06-12.06						6.5			
SC8-12KL	M50820	.415-.725						.910	1.00		
		10.54-18.41						23.11		33.24	25.40

**Also available in packaged quantities.

AFS Description	Bulk Part No.**	Grip Range Inch (mm)	A Rivet Dia. Inch (mm)	Required Hole Size Inch (mm)	B Head Dia. Inch (mm)	C Head Height Max. Inch (mm)	D Body Length Max. Inch (mm)	E Overall Length Max. (mm)	F Length Max. Inch (mm)	Average Shear Strength lbs. (newtons)	Average Tensile Strength lbs. (newtons)
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Stainless Rivet • Stainless Mandrel • Buttonhead

SSB6-4SKL	M50833	.062-.270 1.57-6.85	.188 4.8	.191-.201 4.9-5.1	.385 9.8	.085 2.15	.415 10.54	.625 17.14	1.00 25.40	1400 6275	1000 4482
SSB6-7SKL	M50834	.214-.437 5.43-11.09					.572 14.52	.825 20.95	1.00 25.40		
SSB6-ESKL	M50835	.062-.437 1.57-11.09					.572 14.52	.950 24.13	1.00 25.40		
SSB8-6SKL	M50836	.080-.375 2.03-9.52	.257 6.5	.261-.272 6.6-6.9	.525 13.3	.117 2.97	.560 14.62	.970 24.63	1.00 25.40	2750 11206	2200 8964
SSB8-10SKL	M50837	.350-.625 8.89-15.87					.810 20.57	1.220 30.98	1.00 25.40		

100° Countersunk

SSC6-6SKL	M50838	.125-.331 3.17-8.40	.188 4.8	.191-.201 4.9-5.1	.345 8.8	.070 1.8	.486 12.34	.762 19.35	1.00 25.40	1400 6275	1000 4482
SSC8-8SKL	M50839	.160-.475 4.06-12.06	.257 6.5	.261-.272 6.6-6.9	.405 10.3	.079 2.0	.560 14.62	1.059 26.89	1.00 25.40	2500 11206	2000 8964

Aluminum Rivet • Aluminum Mandrel • Buttonhead

AB6-4AKL	M50821	.062-.270 1.57-6.85	.188 4.8	.191-.201 4.9-5.1	.385 9.8	.085 2.15	.415 10.54	.675 15.87	1.00 25.40	700 3138	500 2241
AB6-7AKL	M50822	.214-.437 5.43-11.09					.572 14.52	.825 20.95	1.00 25.40		
AB6-AEKL	M50823	.062-.437 1.57-11.09					.572 14.52	.950 24.13	1.00 25.40		
AB8-6AKL	M50824	.080-.375 2.03-9.52	.257 6.5	.261-.272 6.6-6.9	.525 13.33	.117 2.97	.560 14.62	.970 24.63	1.00 25.40	1300 5827	890 3989
AB8-10AKL	M50825	.350-.625 8.89-15.87					.810 20.57	1.220 30.98	1.00 25.40		
AB8-AEKL	M50826	.080-.625 2.03-15.87					.810 20.57	1.405 35.56	1.00 25.40		

Aluminum/Large Flange

ABL6-4AKL	M50827	.062-.270 1.57-6.85	.188 4.8	.191-.201 4.9-5.1	.500 12.7	.085 2.15	.415 10.45	.675 15.87	1.00 25.40	700 3138	500 2241
ABL6-7AKL	M50828	.214-.437 5.43-11.09					.572 14.52	.825 20.95	1.00 25.40		

Aluminum/100° Countersunk

AC6-6AKL	M50829	.125-.331 3.17-8.40	.188 4.8	.191-.201 4.9-5.1	.345 8.8	.070 1.8	.486 12.34	.762 19.35	1.00 25.40	700 3138	500 2241
AC6-9AKL	M50830	.305-.500 7.74-12.70					.653 16.58	.929 23.59	1.00 25.40		
AC8-8AKL	M50831	.160-.475 4.06-12.06	.257 6.5	.261-.272 6.6-6.9	.405 10.3	.079 2.0	.660 16.76	1.059 26.89	1.00 25.40	1300 5827	890 3989
AC8-12AKL	M50832	.415-.725 10.54-18.41					.910 23.11	1.309 33.24	1.00 25.40		

Pin Retention Values

		Steel lbs.	Aluminum lbs.	Stainless Steel lbs.
3/16"	Pin Retention	300	50	125
1/4"	Pin Retention	500	100	250



When setting Marson brand Klik-Lock rivets, no special nosepiece is required.

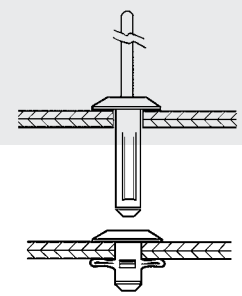
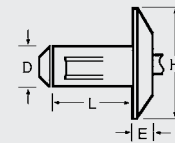
Material and Finish

Material	Sleeve	Pin	Sleeve Finish	Pin Finish
Steel	Low	Medium	Zinc Plated	Zinc Plated Clear Trivalent Chromate
	Carbon Steel	Carbon Steel	Clear Chromate	Zinc Plated Clear Trivalent Chromate
Aluminum	5056	7075	Clear Chromate	Clear Trivalent Chromate
Stainless	302	305/304	Passivated	Dry Lubricated

Millimeters (mm) and newtons (N) are in green.

**Also available in packaged quantities.

Plastic Rivets



Plastic rivet before and after set.

Klik-Lok™ Plastic Rivets • Nylon Body ST801HS • Delrin 500 Mandrel

Marson brand Klik-Lok Plastic Rivets are the same precision-molded all-nylon rivets used by domestic auto manufacturers, both for original equipment and replacement parts. In addition, Klik-Lok Plastic Rivets are ideal for non-conductive and non-corrosive environments. Klik-Lok Plastic Rivets fasten plastic to plastic, plastic to metal and plastic to fiberglass. As they set, three “legs” form to securely lock the components in place and prevent pullout.

Diagram Reference	100-Pack Part No.*	Grip Range		D Rivet Dia. Nom. Inch	Hole Size		H Head Dia. Inch	E Head Height Inch	Rivet Length Max. Inch	Typical Ultimate Strength (lbs.)		Shear (N)	Tensile (N)			
		Inch	(mm)		Inch	(mm)				(mm)	(mm)					
A	M48286	.236 - .413	6.0 - 10.5	.154	.156	4	.315	8	.098	2.5	1.024	20	40	178	82	365
B	M48305	.059 - .177	1.5 - 4.5	.195	.197	5	.472	12	.130	3.3	.728	18.5	68	302	120	534
C	M48306	.118 - .236	3.0 - 6.0	.195	.197	5	.472	12	.071	1.8	.787	20	68	302	120	534
D	M48307	.118 - .177	3.0 - 4.5	.195	.197	5	.472	12	.071	1.8	.787	20	68	302	120	534
E	M48308	.236 - .394	6.0 - 10.0	.195	.197	5	.472	12	.071	1.8	.984	25	68	302	120	534
F	M48309	.118 - .157	3.0 - 4.0	.195	.197	5	.354	9	.071	1.8	.650	16.5	68	302	120	534
G	M48330	.157 - .335	4.0 - 8.5	.234	.236	6.0	.512	13	.098	2.5	1.102	28	110	489	181	805
H	M48349	.157 - .236	4.0 - 6.0	.246	.250	6.3	.669	17	.098	2.5	.709	18	121	538	194	863
I	M48350	.157 - .394	4.0 - 10.0	.246	.250	6.3	.669	17	.098	2.5	1.102	28	121	538	194	863
J	M48351	.157 - .394	4.0 - 10.0	.246	.250	6.3	.512	13	.098	2.5	1.102	28	121	538	194	863
K	M48353	.028 - .193	.7 - 5.0	.246	.250	6.3	.670	17	.098	2.5	.682	17.3	121	538	194	863
L	M48354	.028 - .178	.7 - 4.5	.246	.250	6.3	.670	17	.098	2.5	.682	17.3	121	538	194	863
M	M48385	.098 - .197	2.5 - 5.0	.258	.260	6.6	.512	13	.098	2.5	.787	20	137	609	219	974
N	M48386	.098 - .197	2.5 - 5.0	.258	.260	6.6	.709	18	.098	2.5	.787	20	137	609	219	974

* Also available in bulk 2,000/ctn and visual boxes, 20/pkg.

Actual Size Rivets/Flanges When ordering, match diagram reference letter with those in above chart.

