

SPEEDBEAR FASTENERS



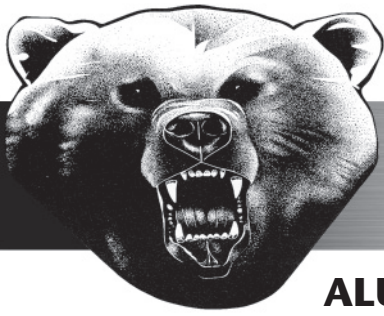
THE ONLY NAME YOU NEED TO KNOW FOR RIVETS

Toll Free: (800) 433-3444 Phone: (724) 695-3696 Fax: (724) 695-3719

Conversion Tables

Fraction	Decimal	mm	Fraction	Decimal	mm
1/64	0.015625	0.3969	33/64	0.515625	13.0969
1/32	0.031250	0.7938	17/32	0.531250	13.4938
3/64	0.046875	1.1906	35/64	0.546875	13.8906
1/16	0.062500	1.5875	9/16	0.562500	14.2875
5/64	0.078125	1.9844	37/64	0.578125	14.6844
3/32	0.093750	2.3812	19/32	0.593750	15.0812
7/64	0.109375	2.7781	39/64	0.609375	15.4781
1/8	0.125000	3.1750	5/8	0.625000	15.8750
9/64	0.140625	3.5719	41/64	0.640625	16.2719
5/32	0.156250	3.9688	21/32	0.656250	16.6688
11/64	0.171875	4.3656	43/64	0.671875	17.0656
3/16	0.187500	4.7625	11/16	0.687500	17.4625
13/64	0.203125	5.1594	45/64	0.703125	17.8594
7/32	0.218750	5.5562	23/32	0.718750	18.2562
15/64	0.234375	5.9531	47/64	0.734375	18.6531
1/4	0.250000	6.3500	3/4	0.750000	19.0500
17/64	0.265625	6.7469	49/64	0.765625	19.4469
9/32	0.281250	7.1438	25/32	0.781250	19.8437
19/64	0.296875	7.5406	51/64	0.796875	20.2406
5/16	0.312500	7.9375	13/16	0.812500	20.6375
21/64	0.328125	8.3344	53/64	0.828125	21.0344
11/32	0.343750	8.7312	27/32	0.843750	21.4312
23/64	0.359375	9.1281	55/64	0.859375	21.8281
3/8	0.375000	9.5250	7/8	0.875000	22.2250
25/64	0.390625	9.9219	57/64	0.890625	22.6219
13/32	0.406250	10.3188	29/32	0.906250	23.0188
27/64	0.421875	10.7156	59/64	0.921875	23.4156
7/16	0.437500	11.1125	15/16	0.937500	23.8125
29/64	0.453125	11.5094	61/64	0.953125	24.2094
15/32	0.468750	11.9062	31/32	0.968750	24.6062
31/64	0.484375	12.3031	63/64	0.984375	25.0031
1/2	0.500000	12.7000	1	1.000000	25.4000

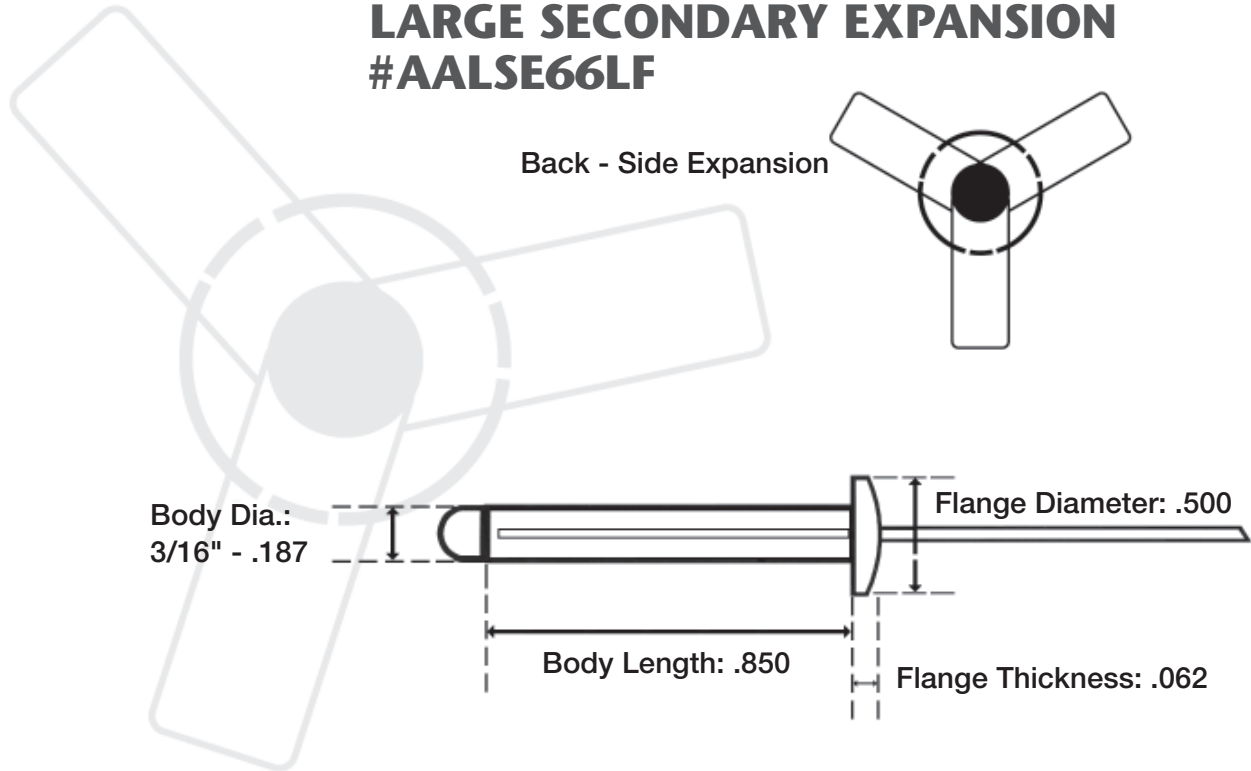
Gauge (ga)	Standard Steel Thickness (in)	Aluminum Thickness (in)	Gauge (ga)	Standard Steel Thickness (in)	Aluminum Thickness (in)
3	0.2391	0.2294	20	0.0359	0.0320
4	0.2242	0.2043	21	0.0329	0.0285
5	0.2092	0.1819	22	0.0299	0.0253
6	0.1943	0.1620	23	0.0269	0.0226
7	0.1793	0.1443	24	0.0239	0.0201
8	0.1644	0.1285	25	0.0209	0.0179
9	0.1495	0.1144	26	0.0179	0.0159
10	0.1345	0.1019	27	0.0164	0.0142
11	0.1196	0.0907	28	0.0149	0.0126
12	0.1046	0.0808	29	0.0135	0.0113
13	0.0897	0.0720	30	0.0120	0.0100
14	0.0747	0.0641	31	0.0105	0.0089
15	0.0673	0.0571	32	0.0097	0.0080
16	0.0598	0.0508	33	0.0090	0.0071
17	0.0538	0.0453	34	0.0082	0.0063
18	0.0478	0.0403	35	0.0075	0.0056
19	0.0418	0.0359	36	0.0067	



BEARCO RIVETS

ALUMINUM BODY WITH ALUMINUM MANDREL

TRI-FOLD TYPE LARGE SECONDARY EXPANSION #AALSE66LF



SOME CALL THEM "EXPLODING" RIVETS, OTHERS CALL THEM "STAR" RIVETS. WHATEVER NAME YOU HAVE FOR THEM, THEY ARE A LIFESAVER FOR FABRICATORS.

Side View



Grip Range: 0.030 - .400

Recommended Hole Size: 0.200 - 0.210

THE ONLY RIVET DESIGNED SPECIFICALLY FOR THE RACING MARKET. BY USING ALUMINUM WITH HIGH ALLOY CONTENTS, THIS RIVET WAS DESIGNED FOR HIGH STRESS/VIBRATION APPLICATIONS. WITH A MINIMUM GRIP OF .030", IT WILL PULL TIGHT ON THE THINNEST OF MATERIALS. THE MAX GRIP OF .400" ENABLES THE AALSE66LF TO HAVE THE WIDEST GRIP RANGE OF ANY TRI-FOLD TYPE RIVET AVAILABLE.



BEARCO RIVETS

ALL ALUMINUM



PART #	GRIP RANGE
1/8" DIAMETER DOME HEAD STYLE	
A42D .....	.063 - .125
A43D .....	.126 - .187
A44D .....	.188 - .250
A45D .....	.251 - .312
A46D .....	.313 - .375
A48D .....	.376 - .500
A410D .....	.501 - .625
3/16" DIAMETER DOME HEAD STYLE	
A62D .....	.063 - .125
A64D .....	.126 - .250
A66D .....	.251 - .375
A68D .....	.376 - .500
A610D .....	.501 - .625
A612D .....	.626 - .750
A614D .....	.751 - .875
1/8" DIAMETER LARGE FLANGE HEAD STYLE	
A42L .....	.063 - .125
A43L .....	.126 - .187
A44L .....	.188 - .250
3/16" DIAMETER LARGE FLANGE HEAD STYLE	
A64L .....	.126 - .250
*A66L .....	.251 - .375
A68L .....	.376 - .500
A610L .....	.501 - .625
A612L .....	.626 - .750
1/8" DIAMETER FLUSH HEAD STYLE (120 DEGREE COUNTERSUNK)	
A42K .....	.063 - .125
A43K .....	.126 - .187
A44K .....	.188 - .250
3/16" DIAMETER FLUSH HEAD STYLE (120 DEGREE COUNTERSUNK)	
A64K .....	.126 - .250
A66K .....	.251 - .375
A68K .....	.376 - .500
A610K .....	.501 - .625

* ENAMEL COATINGS AVAILABLE



BEARCO RIVETS

ALL STEEL



PART #	GRIP RANGE
1/8" DIAMETER DOME HEAD STYLE	
S42D .....	.063 - .125
S43D .....	.126 - .187
S44D .....	.188 - .250
S45D .....	.251 - .312
S46D .....	.313 - .375
S48D .....	.376 - .500
3/16" DIAMETER DOME HEAD STYLE	
S62D .....	.063 - .125
S64D .....	.126 - .250
S66D .....	.251 - .375
S68D .....	.376 - .500
S610D .....	.501 - .625
S612D .....	.626 - .750
1/8" DIAMETER LARGE FLANGE HEAD STYLE	
S42L .....	.063 - .125
S43L .....	.126 - .187
S44L .....	.188 - .250
3/16" DIAMETER LARGE FLANGE HEAD STYLE	
S64L .....	.126 - .250
S66L .....	.251 - .375
S68L .....	.376 - .500
S610L .....	.501 - .625
S612L .....	.626 - .750
1/8" DIAMETER FLUSH HEAD STYLE (120 DEGREE COUNTERSUNK)	
S42K .....	.063 - .125
S43K .....	.126 - .187
S44K .....	.188 - .250
3/16" DIAMETER FLUSH HEAD STYLE (120 DEGREE COUNTERSUNK)	
S64K .....	.126 - .250
S66K .....	.251 - .375
S68K .....	.376 - .500





BEARCO RIVETS

ALUMINUM BODY WITH STEEL MANDREL

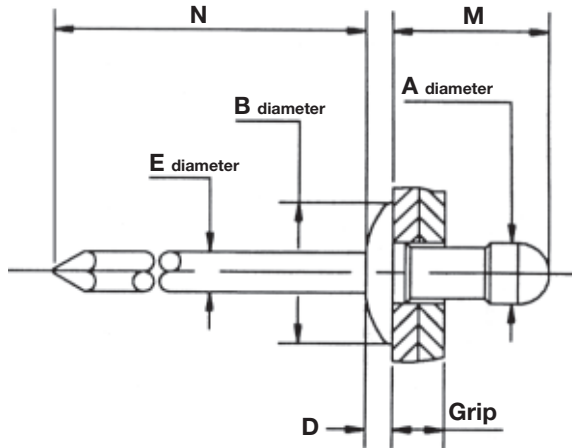
PART #	GRIP RANGE
1/8" DIAMETER DOME HEAD STYLE	
41D .....	.001 - .062
42D .....	.063 - .125
43D .....	.126 - .187
44D .....	.188 - .250
45D .....	.251 - .312
46D .....	.313 - .375
48D .....	.376 - .500
410D .....	.501 - .625
3/16" DIAMETER DOME HEAD STYLE	
62D .....	.063 - .125
64D .....	.126 - .250
*66D .....	.251 - .375
68D .....	.376 - .500
610D .....	.501 - .625
612D .....	.626 - .750
614D .....	.751 - .875
616D .....	.876 - .1000
1/8" DIAMETER LARGE FLANGE HEAD STYLE	
42L .....	.063 - .125
43L .....	.126 - .187
44L .....	.188 - .250
46L .....	.251 - .375
3/16" DIAMETER LARGE FLANGE HEAD STYLE	
64L .....	.126 - .250
*66L .....	.251 - .375
68L .....	.376 - .500
610L .....	.501 - .625
612L .....	.626 - .750
614L .....	.751 - .875
616L .....	.876 - .1000
1/8" DIAMETER FLUSH HEAD STYLE (120 DEGREE COUNTERSUNK)	
42K .....	.063 - .125
43K .....	.126 - .187
44K .....	.188 - .250
45K .....	.251 - .312
46K .....	.313 - .375
3/16" DIAMETER FLUSH HEAD STYLE (120 DEGREE COUNTERSUNK)	
64K .....	.126 - .250
66K .....	.251 - .375
68K .....	.376 - .500
610K .....	.501 - .625





MULTI-GRIP

"AVEX STYLE" LOW PROFILE HEAD BLIND BREAKSTEM RIVET



Component	Material
Body	Aluminum Alloy
Stem	Carbon Steel



GREAT FOR DZUS SPRINGS & INTERIOR PANELS. PULL TIGHT & STAY TIGHT.

SIZE	PART NUMBER	GRIP RANGE INCHES	'M'	'N' min.	TYPICAL ULTIMATE STRENGTH (lbf)		TYPICAL STRENGTH, N	
					SINGLE SHEAR	ULT. TENSILE	TENSILE	ULT. TENSILE

1/8	41 - 43D	.031 - .187	.400	1.12	165	230	735	1025
	43 - 45D	.156 - .312	.530	1.12				
	44 - 46D	.250 - .375	.594	1.12				

3/16	62 - 64D	.062 - .250	.570	1.10	350	530	1535	2335
	63 - 66D	.187 - .375	.690	1.10				
	66 - 68D	.250 - .500	.806	1.10				

DIMENSIONS IN INCHES

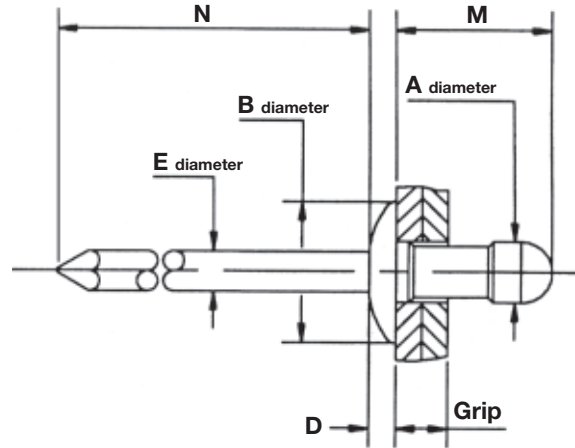
SIZE	A DIAMETER	B DIAMETER	D	E DIAMETER max.	REC HOLE SIZE
1/8	.1250 - .1205	.262 - .243	.041 - .034	.0695	.128 - .133
5/32	.1600 - .1555	.321 - .302	.051 - .044	.0895	.161 - .166
3/16	.1900 - .1855	.396 - .377	.061 - .054	.1115	.194 - .199



MULTI-GRIP

"AVEX STYLE" LARGE FLANGE HEAD BLIND BREAKSTEM RIVET

Component	Material
Body	Aluminum Alloy
Stem	Carbon Steel



SIZE	PART NUMBER	GRIP RANGE INCHES	'M'	'N' min.	TYPICAL ULTIMATE STRENGTH (lbf)		TYPICAL STRENGTH, N	
					SINGLE SHEAR	ULT. TENSILE	TENSILE	ULT. TENSILE
1/8	41-43L	.031 - .187	.400	1.10	165	230	735	1025
	43-45L	.156 - .312	.530	1.10				
3/16	62-64L	.062 - .250	.570	28.0	350	530	1535	2335
	63-66L	.250 - .375	.690					
	66-68L	.375 - .500	.806					

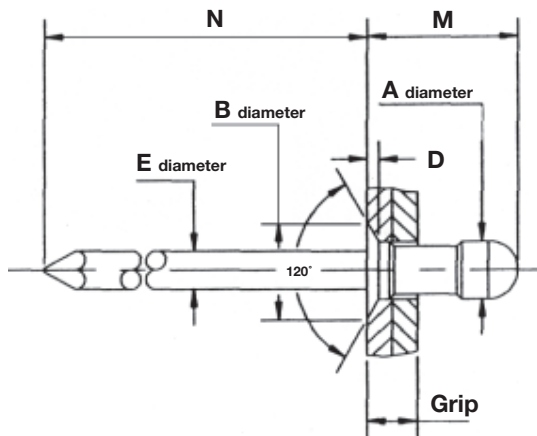
DIMENSIONS IN INCHES

SIZE	A DIAMETER	B DIAMETER	D	E DIAMETER max.	REC HOLE SIZE
1/8	.1250 - .1205	.337 - .313	.045 - .033	.0695	.128 - .133
5/32	.1600 - .1555	.387 - .363	.058 - .046	.0895	.161 - .166
3/16	.1900 - .1855	.637 - .613	.075 - .063	.1115	.194 - .199



MULTI-GRIP

"AVEX STYLE" 120° COUNTERSUNK HEAD BLIND BREAKSTEM RIVET



Component	Material
Body	Aluminum Alloy
Stem	Carbon Steel

SIZE	PART NUMBER	GRIP RANGE INCHES	'M'	'N' min.	TYPICAL ULTIMATE STRENGTH (lbF)		TYPICAL STRENGTH, N	
					SINGLE SHEAR	ULT. TENSILE	TENSILE	ULT. TENSILE

1/8	41 - 44K	.093 - .250	.473	1.10	155	205	690	910
	43 - 45K	.156 - .312	.526	1.10				
	44 - 46K	.250 - .375	.603	1.10				

3/16	62 - 64K	.062 - .250	.625	1.10	350	530	1535	2335
	66 - 68K	.250 - .500	.808	1.10				

DIMENSIONS IN INCHES

SIZE	A DIAMETER	B DIAMETER	D	E DIAMETER max.	REC HOLE SIZE
1/8	.1250 - .1205	.217 - .205	.040 - .032	.0695	.128 - .133
5/32	.1600 - .1555	.257 - .238	.036 - .028	.0895	.161 - .166
3/16	.1900 - .1855	.351 - .343	.055 - .047	.1115	.194 - .199

The POP™ Plus

LARGE BEARING SURFACE BLIND RIVET

PART NUMBER	D RIVET BODY DIAM	HOLE SIZE	GRIP RANGE, IN INCHES	L LENGTH UNDER HEAD (MAX.)	H HEAD DIAM (NOM.)	E HEAD HEIGHT (MAX.)	TYPICAL ULTIMATE STRENGTHS (lb) †	
							SHEAR	TENSILE

Aluminum Rivets with Aluminum Mandrel and Dome Head

ADS46ABSR	.125 1/8"	0.129 - 0.143	0.080 - 0.375	.975	.312	.060	130	125
ADS54ABSL	.156 5/32	0.165 - NOM	0 - 0.250	.710	.315	.051	292	202
ADS58ABSL	.156 5/32	0.165 - NOM	0.197 - 0.472	1.000	.315	.051	292	202
ADS64ABSL	.187 3/16	0.197 - NOM	0 - 0.250	.710	.378	.059	405	292
ADS66ABSR	.187 3/16	0.197 - 0.218	0.080 - 0.375	1.020	.470	.080	270	300

†Values shown are a guide only and may vary depending upon application.



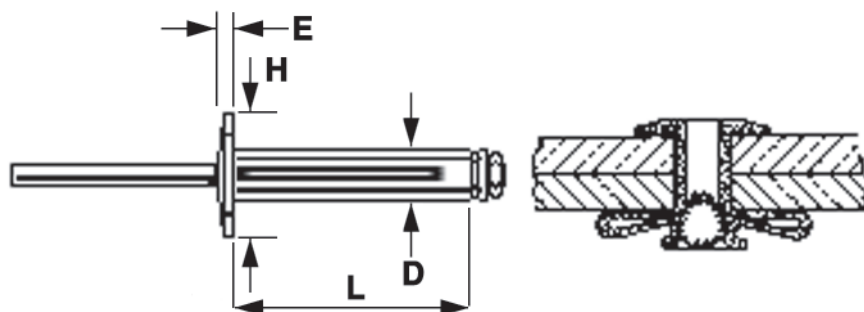
*CALLED MANY DIFFERENT
 NAMES. WE CALL THEM "GREAT"!
 THE ULTIMATE BODY RIVET!
 NO BACK-UP WASHER NEEDED*

Aluminum Rivets with Carbon Steel Mandrel and Dome Head

ADS66BS	.187 3/16	0.197 - 0.201	0.080 - 0.375	1.020	.470	.080	270	300
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ADVANTAGES

- Wide grip range
- Large hole size tolerance
- slotted and oversize holes
- Optimum Clamping
- Allows greater design flexibility
- "Soft set" feature suitable for plastics, composites, and brittle materials
- Corrosion-resistant aluminum alloy construction



POP™ MULTI-GRIP BLIND RIVET

PART NUMBER	D RIVET BODY DIAM	HOLE SIZE	GRIP RANGE, IN INCHES	L LENGTH UNDER HEAD (MAX.)	H HEAD DIAM (NOM.)	E HEAD HEIGHT (MAX.)	TYPICAL ULTIMATE STRENGTHS (lb) †	
							SHEAR	TENSILE

Aluminum Rivets with Carbon Steel Mandrel and Dome Head

AD41-43BS	.125 (1/8)	.129-.142	.039-.187	.328	.250	.040	150	220
AD43-45BS	.125 (1/8)	.129-.142	.157-.312	.468	.250	.040	150	220
AD45-47BS	.125 (1/8)	.129-.142	.251-.437	.609	.250	.040	150	220
AD52-54BS	.156 (5/32)	.160-.173	.047-.250	.415	.312	.047	250	360
AD53-55BS	.156 (5/32)	.160-.173	.126-.312	.500	.312	.047	250	360
AD62-64BS	.187 (3/16)	.192-.205	.063-.250	.440	.375	.055	350	505
AD63-66BS	.187 (3/16)	.192-.205	.187-.375	.620	.375	.055	350	505
AD66-68BS	.187 (3/16)	.192-.205	.251-.500	.731	.375	.055	350	505
AD68-612BS	.187 (3/16)	.192-.205	.437-.750	1.065	.375	.055	350	505
AD82-86BS	.250 (1/4)	.257-.275	.080-.350	.615	.500	.073	460	560

Aluminum Rivets with Carbon Steel Mandrel and Countersunk Head

AK41-44BS	.125 (1/8)	.129-.142	.039-.252	.437	.220	.028	150	220
AK64-66BS	.187 (3/16)	.192-.205	.125-.375	.580	.348	.055	350	505
AK66-68BS	.187 (3/16)	.192-.205	.251-.500	.731	.348	.055	350	505

Aluminum Rivets with Carbon Steel Mandrel and Large Flange Head

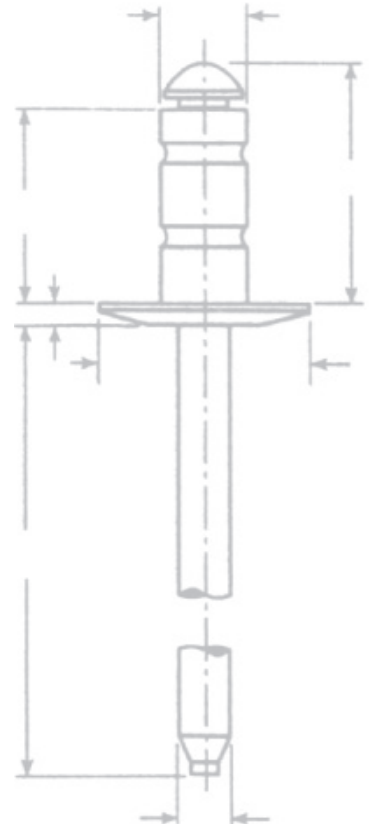
AD41-43BSLF	.125 (1/8)	.129-.142	.039-.187	.328	.375	.052	150	220
AD43-45BSLF	.125 (1/8)	.129-.142	.157-.312	.468	.375	.052	150	220
AD52-54BSLF	.156 (5/32)	.160-.173	.047-.250	.415	.468	.071	250	360
AD53-55BSLF	.156 (5/32)	.160-.173	.126-.312	.500	.468	.071	250	360
AD62-64BSLF	.187 (3/16)	.192-.205	.063-.250	.440	.625	.083	350	505
AD66-68BSLF	.187 (3/16)	.192-.205	.251-.500	.731	.625	.083	350	505
AD66-612BSLF	.187 (3/16)	.192-.205	.437-.750	1.065	.625	.083	350	505

Aluminum Rivets with Aluminum Mandrel and Dome Head

AD41-43ABS	.125 (1/8)	.129-.142	.039-.187	.328	.250	.040	65	85
AD62-64ABS	.187 (3/16)	.192-.205	.063-.250	.440	.375	.055	145	205
AD66-68ABS	.187 (3/16)	.192-.205	.251-.500	.731	.375	.055	145	205
AD68-612ABS	.187 (3/16)	.192-.205	.438-.750	1.065	.375	.055	145	205

Steel Rivets with Steel Mandrel and Dome Head

SD41-43BS	.125 (1/8)	.129-.142	.039-.187	.328	.250	.040	260	310
SD61-64BS	.187 (3/16)	.192-.205	.039-.250	.440	.375	.055	450	680

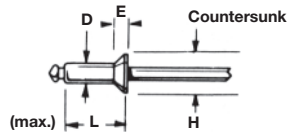
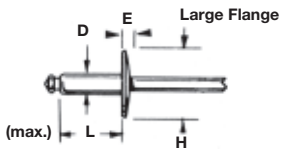
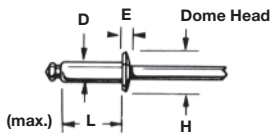
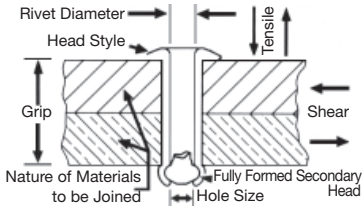


†Values shown are a guide only and may vary depending upon application.

POP™ OPEN END RIVETS

PART NUMBER	D RIVET BODY DIAM	HOLE SIZE & Drill Number	GRIP RANGE, IN INCHES	L LENGTH UNDER HEAD (MAX.)	H HEAD DIAM (NOM.)	E HEAD HEIGHT (MAX.)	TYPICAL ULTIMATE STRENGTHS (lb) †	
							SHEAR	TENSILE

SELECTION FACTORS



5056 Aluminum Rivets with Coated Carbon Steel Mandrel

AD32BS AD34BS	.094 (3/32)	.097 - .100 #41	.031 - .125 .126 - .250	.240 .365	.188 .188	.032 .032	125	175
AD41BS AD42BS AD43BS AD44BS AD45BS AD46BS AD48BS AD410BS AD42BSLF AD43BSLF AD44BSLF AK42BS AK43BS AK44BS AK45BS	.125 (1/8)	.129 - .133 #30	.031 - .062 .063 - .125 .126 - .187 .188 - .250 .251 - .312 .313 - .375 .376 - .500 .501 - .625 .031 - .125 .126 - .187 .188 - .250 .063 - .125 .126 - .187 .188 - .250 .251 - .312	.203 .265 .328 .390 .453 .515 .640 .765 .265 .328 .390 .265 .220 .328 .220 .453	.250 .250 .250 .250 .250 .250 .250 .250 .375 .375 .375 .220 .220 .220	.040 .040 .040 .040 .040 .040 .040 .040 .045 .045 .045 .035 .035 .035 .035	210	325
AD52BS AD53BS AD54BS AD56BS AD58BS AD54BSLF AK54BS AK56BS	.156 (5/32)	.160 - .164 #20	.063 - .125 .126 - .187 .188 - .250 .251 - .375 .376 - .500 .126 - .250 .188 - .250 .251 - .375	.290 .353 .415 .540 .665 .415 .415 .540	.312 .312 .312 .312 .312 .468 .281 .281	.047 .047 .047 .047 .047 .056 .045 .045	340	490
AD62BS AD64BS AD66BS AD68BS AD610BS AD612BS AD614BS AD616BS AD64BSLF AD66BSLF AD68BSLF AD610BSLF AD612BSLF AD616BSLF AK64BS	.187 (3/16)	.192 - .196 #11	.063 - .125 .126 - .250 .251 - .375 .376 - .500 .501 - .625 .626 - .750 .751 - .875 .876 - 1.000 .126 - .250 .251 - .375 .376 - .500 .501 - .625 .626 - .750 .751 - 1.000 .126 - .250	.315 .440 .565 .690 .815 .940 1.065 1.190 .440 .565 .690 .815 .940 1.190 .440	.375 .375 .375 .375 .375 .375 .375 .375 .625 .625 .625 .625 .625 .625 .348	.055 .055 .055 .055 .055 .055 .055 .055 .083 .083 .083 .083 .083 .083 .055	445	720
AD84BS AD86BS AD88BS AD810BS AD812BS AD816BS	.250 (1/4)	.257 - .261 F	.063 - .250 .251 - .375 .376 - .500 .501 - .625 .626 - .750 .751 - 1.000	.490 .615 .740 .865 .990 1.240	.500 .500 .500 .500 .500 .500	.073 .073 .073 .073 .073 .073	890	1200

ETP Copper Rivets with Coated Carbon Steel Mandrel

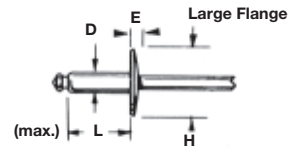
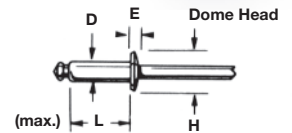
CD42BS CD44BS	.125 (1/8)	.129 - .133 #30	.063 - .125 .126 - .250	.265 .390	.250 .250	.040 .040	215	300
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POP™ OPEN END RIVETS (continued)

PART NUMBER	D RIVET BODY DIAM	HOLE SIZE & Drill Number	GRIP RANGE, IN INCHES	L LENGTH UNDER HEAD (MAX.)	H HEAD DIAM (NOM.)	E HEAD HEIGHT (MAX.)	TYPICAL ULTIMATE STRENGTHS (lb)†	
							SHEAR	TENSILE

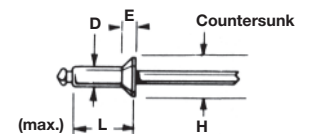
5052 Aluminum Rivets with Aluminum Mandrel

AD32ABS AD34ABS AD36ABS	.094 (3/32)	.097 - .100 #41	.031 - .125 .126 - .250 .251 - .375	.240 .365 .490	.188 .188 .188	.032 .032 .032	85	135
AD41ABS AD42ABS AD43ABS AD44ABS AD45ABS AD46ABS AD48ABS AD410ABS AD42ABSLF AD44ABSLF AK42ABS	.125 (1/8)	.129 - .133 #30	.031 - .062 .063 - .125 .126 - .187 .188 - .250 .251 - .312 .313 - .375 .376 - .500 .501 - .625 .031 - .125 .126 - .250 .063 - .125	.203 .265 .328 .390 .453 .515 .640 .765 .265 .390 .265	.250 .250 .250 .250 .250 .250 .250 .250 .375 .375 .220	.040 .040 .040 .040 .040 .040 .040 .040 .045 .045 .030	155	235
AD52ABS AD53ABS AD54ABS AD56ABS AD58ABS AD54ABSLF	.156 (5/32)	.160 - .164 #20	.063 - .125 .126 - .187 .188 - .250 .251 - .375 .376 - .500 .126 - .250	.290 .353 .415 .540 .665 .415	.312 .312 .312 .312 .312 .468	.047 .047 .047 .047 .047 .056	225	350
AD62ABS AD64ABS AD66ABS AD68ABS AD610ABS AD612ABS AD616ABS AD64ABSLF AD66ABSLF AD68ABSLF AD610ABSLF AD612ABSLF	.187 (3/16)	.192 - .198 #11	.063 - .125 .126 - .250 .251 - .375 .376 - .500 .501 - .625 .626 - .750 .751 - 1.000 .063 - .250 .251 - .375 .376 - .500 .501 - .625 .626 - .750	.315 .440 .565 .690 .815 .940 1.190 .440 .565 .625 .625 .625 .940	.375 .375 .375 .375 .375 .375 .375 .625 .625 .625 .625 .625	.055 .055 .055 .055 .055 .055 .055 .083 .083 .083 .083 .083	315	500
AD84ABS AD86ABS AD812ABS	.250 (1/4)	.257 - .261 F	.063 - .250 .251 - .375 .501 - .750	.490 .615 .990	.500 .500 .500	.073 .073 .073	600	750



1100 Aluminum Rivets with Aluminum Mandrel

PAD41ABS PAD42ABS PAD43ABS PAD44ABS PAD46ABS PAD48ABS	.125 (1/8)	.129 - .133 #30	.031 - .062 .063 - .125 .126 - .187 .188 - .250 .251 - .375 .376 - .500	.203 .265 .328 .390 .515 .640	.250	.040	65	85
PAD54ABS	.156 (3/32)	.160 - .164 #20	.063 - .250	.415	.312	.047	105	145
PAD66ABS	.187 (3/16)	.192 - .196 #11	.251 - .375	.565	.375	.055	145	205

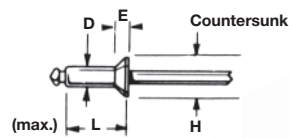
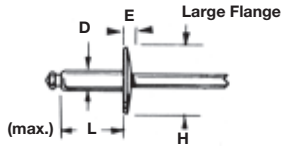
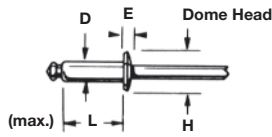


5052 Aluminum Rivets with Steel Mandrel, Large Secondary Head Expansion

ADS66BS	.187 (3/16)	.192 - .196 #11	.080 - .375	.940	.450	.060	367	516
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†Values shown are a guide only and may vary depending upon application.

POP™ OPEN END RIVETS (continued)



PART NUMBER	D RIVET BODY DIAM	HOLE SIZE & Drill Number	GRIP RANGE, IN INCHES	L LENGTH UNDER HEAD (MAX.)	H HEAD DIAM (NOM.)	E HEAD HEIGHT (MAX.)	TYPICAL ULTIMATE STRENGTHS (lb) †	
							SHEAR	TENSILE

Carbon Steel Plated Rivets with Coated Carbon Steel Mandrel

SD32BS SD34BS	.094 (3/32)	.097 - .100 #41	.031 - .125 .126 - .250	.240 .365	.188 .188	.032 .032	150	205
SD41BS SD42BS SD43BS SD44BS SD45BS SD46BS SD48BS SD42BSLF SD44BSLF SK42BS SK44BS	.125 (1/8)	.129 - .133 #30	.031 - .062 .063 - .125 .126 - .187 .188 - .250 .251 - .312 .313 - .375 .376 - .500 .063 - .125 .126 - .250 .063 - .125 .126 - .250	.203 .265 .328 .390 .453 .515 .640 .265 .390 .265 .390	.250 .250 .250 .250 .250 .250 .250 .375 .375 .220 .220	.040 .040 .040 .040 .040 .040 .040 .045 .045 .045 .045	295	425
SD52BS SD53BS SD54BS SD56BS SD54BSLF	.156 (5/32)	.160 - .164 #20	.063 - .125 .126 - .187 .188 - .250 .251 - .375 .126 - .250	.290 .353 .415 .540 .415	.312 .312 .312 .312 .468	.047 .047 .047 .047 .056	410	570
SD62BS SD64BS SD66BS SD68BS SD610BS SD612BS SD616BS SD64BSLF SD66BSLF SD68BSLF SD610BSLF SD610BSLF	.187 (3/16)	.192 - .196 #11	.063 - .125 .126 - .250 .251 - .375 .376 - .500 .501 - .625 .626 - .750 .751 - 1.000 .063 - .250 .251 - .375 .376 - .500 .501 - .625 .626 - .750	.315 .440 .565 .690 .815 .940 1.190 .440 .565 .625 .815 .940	.375 .375 .375 .375 .375 .375 .375 .625 .625 .625 .625 .625	.055 .055 .055 .055 .055 .055 .055 .083 .083 .083 .083 .083	590	815
SD84BS SD86BS SD88BS SD810BS SD812BS SD816BS	.250 (1/4)	.257 - .261 F	.063 - .250 .251 - .375 .376 - .500 .501 - .625 .626 - .750 .751 - 1.000	.490 .615 .740 .865 .990 1.240	.500	.073	1245	1505

Stainless Steel Rivets with Stainless Steel Mandrel

SSD42SSBS SSD43SSBS SSD44SSBS SSD46SSBS SSD48SSBS SSD42SSBSLF SSD43SSBSLF SSD44SSBSLF	.125 (1/8)	.129 - .133 #30	.031 - .125 .126 - .187 .188 - .250 .251 - .375 .376 - .500 .031 - .125 .126 - .187 .188 - .250	.265 .328 .390 .515 .640 .265 .328 .390	.250 .250 .250 .250 .250 .375 .375 .375	.040 .040 .040 .040 .040 .045 .045 .045	550	700
SSD52SSBS SSD54SSBS SSD56SSBS	.156 (5/32)	.160 - .164 #20	.063 - .125 .126 - .250 .251 - .375	.290 .415 .540	.312	.047	900	1130
SSD62SSBS SSD64SSBS SSD66SSBS SSD68SSBS	.187 (3/16)	.192 - .196 #11	.063 - .125 .126 - .250 .251 - .375 .376 - .500	.315 .440 .565 .690	.375	.055	1000	1375

POP™ OPEN END RIVETS (continued)

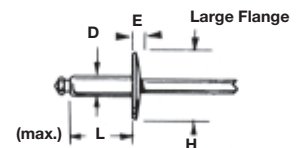
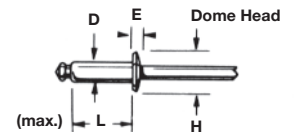
PART NUMBER	D RIVET BODY DIAM	HOLE SIZE & Drill Number	GRIP RANGE, IN INCHES	L LENGTH UNDER HEAD (MAX.)	H HEAD DIAM (NOM.)	E HEAD HEIGHT (MAX.)	TYPICAL ULTIMATE STRENGTHS (lb) †	
							SHEAR	TENSILE

Stainless Steel Rivets with Coated Carbon Steel Mandrel

SSD41BS	.125 (1/8)	.129 - .133 #30	.031 - .062	.203	.250	.040	550	700
SSD42BS			.063 - .125	.265	.250	.040		
SSD43BS			.126 - .187	.328	.250	.040		
SSD44BS			.188 - .250	.390	.250	.040		
SSD46BS			.251 - .375	.515	.250	.040		
SSD48BS			.376 - .500	.640	.250	.040		
SSD42BSLF			.031 - .125	.265	.375	.045		
SSD43BSLF			.126 - .187	.328	.375	.045		
SSD44BSLF			.188 - .250	.390	.375	.045		
SSD52BS	.156 (5/32)	.160 - .164 #20	.063 - .125	.290	.312	.047	900	1130
SSD54BS			.126 - .250	.415				
SSD56BS			.251 - .375	.540				
SSD62BS	.187 (3/16)	.192 - .196 #11	.063 - .125	.315	.375	.055	1000	1375
SSD64BS			.126 - .250	.440				
SSD66BS			.251 - .375	.565				
SSD68BS			.376 - .500	.690				

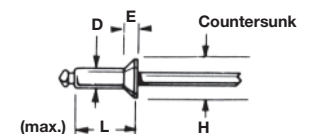
Plated Monel Rivets with Coated Carbon Steel Mandrel Domed Head

MD319BS	.109 (7/64)	.113 - .117 #33	.020 - .070	.205	.192	.028	258	292
MD42BS	.125 (1/8)	.129 - .133 #30	.032 - .125	.265	.250	.040	385	460
MD43BS			.126 - .187	.328				
MD44BS			.188 - .250	.390				
MD45BS			.251 - .312	.453				
MD530BS	.156 (5/32)	.160 - .164 #20	.101 - .160	.325	.263	.040	495	674
MD537BS			.161 - .230	.395				
MD540BS			.231 - .260	.425				
MD545BS			.261 - .310	.475				
MD624BS	.187 (3/16)	.192 - .196 #11	.020 - .090	.265	.320	.055	742	843
MD630BS			.091 - .150	.325				
MD636BS			.151 - .200	.385				
MD639BS			.201 - .230	.415				
MD650BS			.231 - .340	.525				
MD665BS			.341 - .490	.675				
MD675BS	.491 - .590	.775						
MD850BS	.250 (1/4)	.257 - .261 F	.151 - .300	.525	.427	.068	1214	1517
MD870BS			.301 - .500	.725				



Plated Monel Rivets with Coated Carbon Steel Mandrel, 120° Countersunk Head

MK319BS	.109 (7/64)	.113 - .117 #33	.020 - .090	.238	.192	.028	258	292
MK419BS	.125 (1/8)	.129 - .133 #30	.030 - .100	.246	.236	.036	337	427
MK424BS			.101 - .150	.296				
MK429BS			.151 - .200	.346				
MK435BS			.201 - .260	.406				
MK440BS			.261 - .310	.456				
MK530BS	.156 (5/32)	.160 - .164 #20	.131 - .190	.359	.263	.039	495	674
MK636BS	.187 (3/16)	.192 - .196 #11	.181 - .230	.425	.320	.045	742	843
MK650BS			.231 - .370	.565				
MK665BS			.371 - .520	.715				

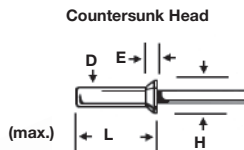
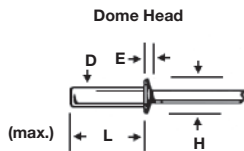


POP™ CLOSED END SEALING RIVETS

PART NUMBER	D RIVET BODY DIAM	HOLE SIZE & Drill Number	GRIP RANGE, IN INCHES	L LENGTH UNDER HEAD (MAX.)	H HEAD DIAM (NOM.)	E HEAD HEIGHT (MAX.)	TYPICAL ULTIMATE STRENGTHS (lb) †	
							SHEAR	TENSILE

5056 Aluminum Rivets with Carbon Steel Mandrel, Domed Head, *Hollow Core*

AD41H			.032 - .062	.252					
AD42H			.063 - .125	.316					
AD43H			.126 - .187	.377					
AD44H	.125 (1/8)	.129 - .133 #30	.188 - .250	.440	.236	.051	305	385	
AD45H			.251 - .312	.502					
AD46H			.313 - .375	.565					
AD48H			.376 - .500	.690					
AD52H			.063 - .125	.330					
AD53H	.156 (5/32)	.160 - .164 #20	.126 - .187	.392	.312	.066	430	605	
AD55H			.188 - .312	.517					
AD62H			.063 - .125	.345					
AD64H	.187 (3/16)	.192 - .196 #11	.126 - .250	.470	.375	.081	575	840	
AD66H			.251 - .375	.595					
AD68H			.376 - .500	.720					
AD84H	.250 (1/4)	.257 - .261 F	.126 - .250	.500	.500	.099	900	1100	
AD86H			.251 - .375	.625					



5056 Aluminum Rivets with Carbon Steel Mandrel, Domed Head, *Solid Core*

AD42S	.125 (1/8)	.129 - .133 #30	.063 - .125	.316	.236	.051	480	385	
AD43S			.126 - .187	.377					
AD62S			.063 - .125	.345					
AD64S	.187 (3/16)	.192 - .196 #11	.126 - .250	.470	.375	.081	890	840	
AD66S			.251 - .375	.595					

1100 Aluminum Rivets Domed Head with Aluminum Mandrel

AD42AH			.063 - .125	.316					
AD43AH	.125 (1/8)	.129 - .133 #30	.126 - .187	.377	.236	.051	105	150	
AD44AH			.188 - .250	.440					
AD54AH	.156 (5/32)	.160 - .164 #20	.063 - .250	.455	.312	.066	55	240	
AD62AH			.063 - .125	.345					
AD64AH	.187 (3/16)	.192 - .196 #11	.126 - .250	.470	.375	.081	220	310	
AD66AH			.251 - .375	.595					
AD68AH			.376 - .500	.720					

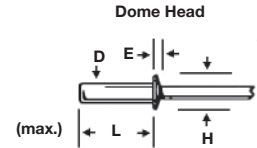
IF YOU DON'T SEE WHAT YOU NEED HERE, GIVE US A CALL.
WE HAVE OVER 12,000 ADDITIONAL RIVETS AVAILABLE!

POP™ CLOSED END SEALING RIVETS (continued)

PART NUMBER	D RIVET BODY DIAM	HOLE SIZE & Drill Number	GRIP RANGE, IN INCHES	L LENGTH UNDER HEAD (MAX.)	H HEAD DIAM (NOM.)	E HEAD HEIGHT (MAX.)	TYPICAL ULTIMATE STRENGTHS (lb) †	
							SHEAR	TENSILE

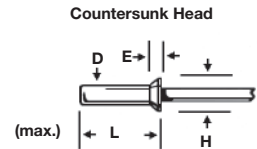
5056 Aluminum Rivets Domed Head with Stainless Steel Mandrel

AD64SSH	.187 (3/16)	.192 - .196 #11	.126 - .250	.470	.375	.081	575	840
AD66SSH			.251 - .375	.595				



5056 Aluminum Rivets with Carbon Steel Mandrel & 120° Countersunk Head

AK41H	.125 (1/8)	.129 - .133 #30	.031 - .062	.297	.233	.050	305	385
AK42H			.063 - .125	.361				
AK43H			.126 - .187	.422				
AK44H			.188 - .250	.486				
AK45H			.251 - .312	.548				
AK53H	.156 (5/32)	.160 - .164 #20	.126 - .187	.452	.312	.065	430	605
AK64H	.187 (3/16)	.192 - .196 #11	.126 - .250	.540	.375	.075	575	840
AK66H			.251 - .375	.665				



Plated Carbon Steel Rivets and Mandrel

SD64H	.187 (3/16)	.192 - .196 #11	.125 - .249	.611	.375	.090	1400	950
SD66H			.250 - .375	.736			1800	
SD84H	.250 (1/4)	.257 - .261 F	.125 - .249	.720	.500	.115	2000	2000
SD86H			.250 - .375	.820			2400	

Copper Rivets with Domed Head, Carbon Steel Mandrel

CD43H	.125 (1/8)	.129 - .133 #30	.063 - .187	.377	.236	.051	270	337
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305 Stainless Steel with Stainless Steel Mandrel. Domed Head, Hollow Core

SSD43SSH	.125 (1/8)	.129 - .133 #30	.032 - .187	.373	.260	.029	495	495
SSD53SSH	.156 (5/32)	.160 - .164 #20	.032 - .187	.392	.323	.037	787	899
SSD62SSH	.187 (3/16)	.192 - .196 #11	.032 - .125	.353	.388	.039	967	989
SSD64SSH			.126 - .250	.477				

IF YOU DON'T SEE WHAT YOU NEED HERE, GIVE US A CALL.
WE HAVE OVER 12,000 ADDITIONAL RIVETS AVAILABLE!

TOOLS

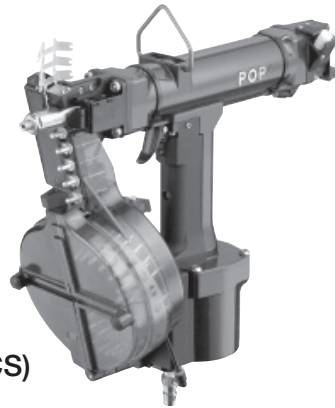


RP-4

- PUTS PRODUCTIVITY CLOSE AT HAND. PRESENTS 30 RIVETS A MINUTE FOR RAPID ASSEMBLY WORK WITHOUT EVER TOUCHING A RIVET.
- 1/8" AND 5/32" SIZES

AUTO-SET

- FAST SETTING & FAST RELOADING
- UTILIZES 1/8" TO 3/16" RIVETS ON AN AUTO FEED STRIP
- CAPABLE OF SETTING A RIVET EVERY 2 SECONDS
- ADJUSTABLE VACUUM & BUILT IN MANDREL COLLECTION SYSTEM. (MCS)



MCS5800

- A 12 VOLT CORDLESS TOOL
- SETS ALL RIVETS 1/8" TO 3/16"
- CAPABLE OF SETTING 1900 RIVETS ON ONE CHARGE
- BATTERY QUICK CHARGES IN ONE HOUR

"TOTAL FREEDOM FROM AIR LINES.
A FABRICATORS DREAM!"



PRG510A/MCS510A

THE TOOL ALL OTHERS ARE COMPARED TO. HIGH PRODUCTION & TROUBLE FREE, THIS TOOL IS THE "EVER READY BUNNY" OF THE RIVET INDUSTRY. AVAILABLE WITH MANDREL COLLECTION SYSTEM, NOT SHOWN.

"HIGHEST QUALITY TOOL
MADE. NONE BETTER
ANYWHERE!"

PL-30

- POWERLINK 30 IS 50% EASIER TO USE THAN CONVENTIONAL TOOLS
- A 30 TO 1 MECHANICAL ADVANTAGE
- ALLOWS EASY SETTING OF ALL RIVETS UP TO 3/16" DIAMETER



MFX 480QI

THIS COMPACT BUT POWERFUL MANUAL TOOL SETS RIVET NUTS UP TO 5/16-18 IN STAINLESS STEEL. THE STROKE LENGTH INDICATOR AND MANDREL QUICK INTERCHANGE SYSTEM MAKE SHORT WORK OF SIZE CHANGEOVERS.

MFX 511QI

THIS LONG ARM TOOL SETS THREADED INSERTS UP TO 3/8-16 IN STAINLESS STEEL. IN ADDITION TO THE STROKE LENGTH INDICATOR AND MANDREL QUICK INTERCHANGE SYSTEM, THE MFX 511QI HAS A PUSH-PULL MECHANISM FOR FAST THREADED INSERT INSTALLATION.



ACCESSORIES

MADE BY US FOR YOU.
THESE ARE RIVET WASHERS
4 SIZES TO CHOOSE FROM!



BACK UP WASHERS

- | | | |
|-------------------|--|-------------------------|
| 1/8 ABUP | | 1/8 ID X 3/8 OD |
| 3/16 ABUP | | 3/16 ID X 3/8 OD |
| 3/16 MABUP | | 3/16 ID X 1/2 OD |
| 3/16 LABUP | | 3/16 ID X 5/8 OD |

DRILL BITS

DOUBLE END DRILLS
135 DEGREE SPLIT POINTS
1/8" & 3/16"



CLECOS

**AVAILABLE SIZES:
1/16" - 3/32" - 1/8" - 5/32" - 3/16"**



CUSTOM KITS AVAILABLE ON REQUEST.



YOU CAN'T BUILD A BODY WITHOUT THEM.
LIKE HAVING A 3RD HAND!

ACCESSORIES

THREADED INSERTS

Threaded Inserts are used primarily to install threads in sheet or plate metal where a drilled and tapped thread is not an option. We offer open and closed-end cold-forged zinc plated steel (with yellow dichromate conversion coating) and 302 stainless steel blind threaded inserts in flat head, reduced (low profile) head and semi-hex body styles.

YELLOW CHROMATE/ZINC-PLATED STEEL THREADED INSERTS

PART #	THREAD	GRIP RANGE	
		MIN.	MAX.
Reduced (Low Profile) Head Threaded Inserts			
AKC-832-80	8-32	.020"	.80"
AKC-1024-130	10-24	.020"	.130"
AKC-1032-130	10-32	.020"	.130"
AKC-420-165	1/4-20	.027"	.165"
AKC-518-150	5/16-18	.027"	.150"
AKC-616-150	3/8-16	.027"	.150"
Flat Head Threaded Inserts			
ALC-832-80	8-32	.020"	.80"
ALC-1024-130	10-24	.020"	.130"
ALC-1032-130	10-32	.020"	.130"
ALC-420-165	1/4-20	.027"	.165"
ALC-518-150	5/16-18	.027"	.150"
ALC-616-150	3/8-16	.027"	.150"

302 STAINLESS STEEL THREADED INSERTS

PART #	THREAD	GRIP RANGE	
		MIN.	MAX.
Reduced (Low Profile) Head Threaded Inserts			
AKSS-832-80	8-32	.020"	.80"
AKSS-1024-130	10-24	.020"	.130"
AKSS-1032-130	10-32	.020"	.130"
AKSS-420-165	1/4-20	.027"	.165"
AKSS-518-150	5/16-18	.027"	.150"
AKSS-616-150	3/8-16	.027"	.150"
Flat Head Threaded Inserts			
ALC-420-165	1/4-20	.027"	.165"

WRISCO ALUMINUM



SAVE TIME AND LABOR!
UNBEATABLE FOR BODIES, CHASSIS, TRAILERS,
WINGS AND OTHER APPLICATIONS.

ALUMINUM SHEET

- .040" X 48" X 120" ALUMINUM SHEET
- .040" X 48" X 96" ALUMINUM SHEET
- OTHER SIZES AVAILABLE

ALUMINUM STOCK

- 1" X 1" ALUMINUM ANGLE X 1/8"
- 2" ALUMINUM FLAT BAR X 1/8"
- 1" ALUMINUM FLAT BAR X 3/16"
- 1" O.D. X 1/2" I.D. ALUMINUM TUBE
- 1" X 1" SQUARE TUBING X 1/8"



PREFINISHED ALUMINUM SHEET IS AVAILABLE IN THESE COLORS:

DUPONT CENTARI
PAINT CODES TO MATCH WRISCO
ALUMINUM COLORS!

- **White** (700-A)*
- **Black** (99-A)*
- **Red** (44100-AW)*
- **Pepsi Blue** (43072-A)*
- **Heron Blue**
- **Yellow** (43464-AH)*
- **Orange** (43462-AM)*
- **Purple**
- **BP Green**
- **Chevron Blue**. (98587-AH)*
- **Exxon Red**
- **Extreme Green**
- **Burgundy**
- **Caution Yellow**
- **Bright Clear**

**Use these DuPont Centari paint codes to match Wrisco Aluminum colors.*

PAINTED RIVETS

Speedbear Fasteners is the only rivet supplier to offer custom in-house Urethane coatings for any rivet we carry. This super tough coating resists scratching, chipping, and marring. Our coatings will match all the colored aluminum bodies and aluminum sheets presently used in the racing market.

ANY RIVET ANY COLOR!



Red



Yellow



Black



Caution Yellow



White



Heron Blue



Pepsi Blue



Purple



Exxon Red



Orange



BP Green



Chevron Blue

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