

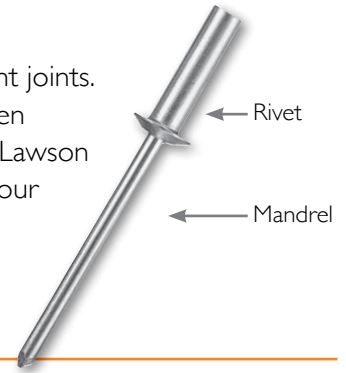


# Rivet Solutions

# KENT AUTOMOTIVE RIVET SOLUTIONS

## Rivets

A rivet is a mechanical fastener that provides strong, vibration resistant, permanent joints. Unlike threaded fasteners that require access to both sides of the workpiece when securing with a nut, most rivets can be installed from one side of the application. Lawson offers many styles, materials and tools for joining steel, aluminum and copper in your applications; including areas subject to corrosion.



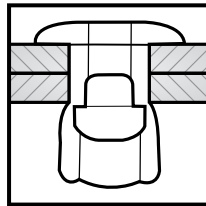
## Types of Rivets

### Pull Rivets

Pull Rivet is a general term covering any type of rivet that is installed pulling on the mandrel and deforming the rivet body. Also commonly called "pop" or "blind" rivets. Pull Rivets can be broken down into two general categories

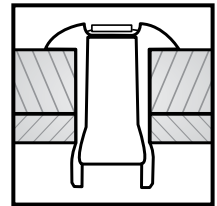
#### Non-Structural

Any type of Pull Rivet whose mandrel breaks outside of the shear plane of the mating materials.



#### Structural

Any type of Pull Rivet whose mandrel breaks within the shear plane of the material being fastened. These rivets have increased shear and tensile strength when compared to non-structural rivets



### Solid Rivets

Solid or "Bucking" Rivets typically require two people to perform the installation. One person uses an air hammer to deform the body of the rivet while the other operator uses a metal bar (bucking bar) pressed against the head of the rivet to hold it in place.

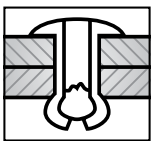
### Drive Rivets

Drive Rivets are easy to install – insert into hole and drive the pin flush with the top of the rivet with a hammer. The pin forces the prongs of the rivet to flare out within or below the fastened materials, creating a strong grip.

### Lockbolts

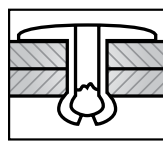
Lockbolts are a structural fastening system consisting of a separate pin and collar which are mechanically swage locked during installation. This fastening system offers increased vibration resistance since it is not a friction controlled joint.

## Head Styles



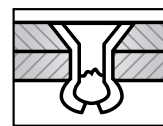
#### Dome/ Protruding Head

Most popular head style



#### Large Flange

Larger bearing surface is ideal for soft/brittle materials



#### Countersunk/ Flat Head

Provides a flush appearance

## Materials

The material that a rivet is made from can be one single material or two different materials. When the material is listed it is always described listing the rivet body first and the mandrel second; if only one material is listed both components are made of the same material.

### Steel

High-strength – use when joining steel parts

### Aluminum

Lightweight – use with aluminum and in areas susceptible to rust and corrosion

### Aluminum/ Steel

Combines strength and corrosion resistance

### Stainless Steel

Very high strength – use when fastening stainless steel or steel materials. Resists corrosion and rust

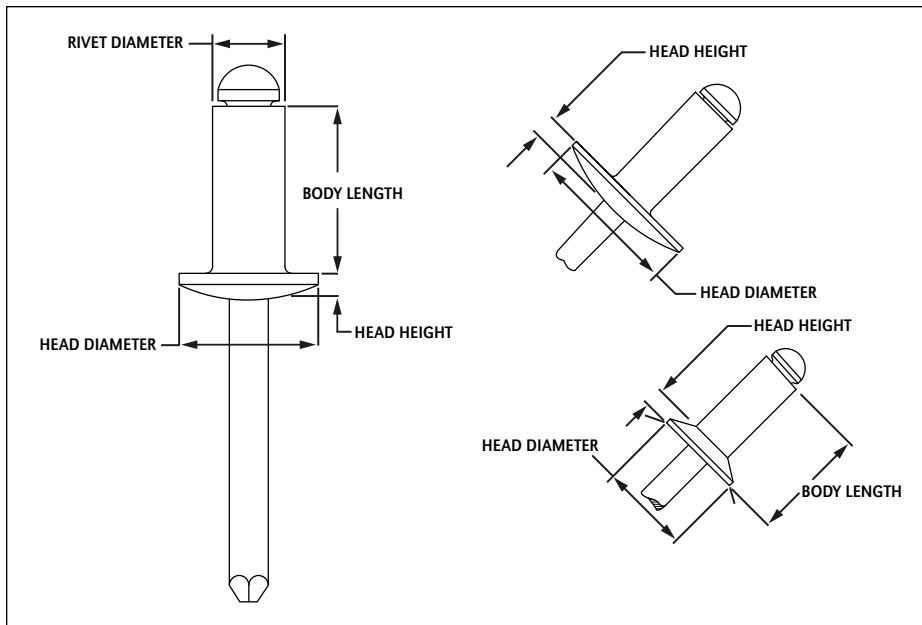
### Copper/Steel

Use when joining copper materials or where electrical conductivity is needed



## TABLE OF CONTENTS

<b>Rivets</b> .....	<b>pgs. N12-5 – N12-23</b>
<b>Lockbolts</b> .....	<b>pgs. N12-24 – N12-25</b>
<b>Pull Rivet Tool Selection Chart</b> .....	<b>pgs. N12-26</b>
<b>Rivet Tools &amp; Accessories</b> .....	<b>pgs. N12-27 – N12-31</b>
<b>Assortments</b> .....	<b>pgs. N14-2 – N14-6</b>



### Rivet Type/Features

	<i>Light-Duty</i>	<i>Medium-Duty</i>	<i>Heavy-Duty (Structural)</i>	<i>Fixed Hole Size</i>	<i>Variable/Oversize Hole</i>	<i>Fixed Grip Range</i>	<i>Variable Grip Range</i>	<i>Weather-Resistant/Watertight</i>	<i>For Thin, Soft or Brittle Materials</i>	<i>Internally Locked Mandrel (Hidden)</i>	<i>Externally Locked Mandrel (Visible)</i>
1 Open End Rivets	X			X		X					
2 Closed End Rivets	X			X		X		X			
3 Multi-Grip Rivets	X			X			X				
4 Rivinox® Rear-Flange Rivets		X			X	X		X	X		
5 Tri-Fold Rivets	X				X		X		X		
6 SupraTITE® Structural Tri-Fold Rivets			X		X		X	X*	X	X	
7 Stemlock® Structural Rear-Flange Rivets			X		X	X		X	X	X	
8 Structural Rivets – Internal Locking			X	X			X	X		X	
9 Tigerbolt® Structural Rivets – External Locking			X	X			X	X			X

\*Weather-resistant features provided by an optional rubber washer under the rivet head.



# RIVETS

## Open End Rivets Aluminum Body/Aluminum Mandrel



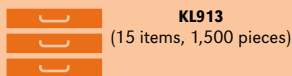
### Dome Head



- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications

Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/32	0.020 - 0.125	32	0.097 - 0.100	#41	0.188	0.032	0.250	70	80	<b>97078</b>	100
	0.126 - 0.250	34	0.097 - 0.100	#41	0.188	0.032	0.375	70	80	<b>97079</b>	100
1/8	0.020 - 0.062	41	0.129 - 0.133	#30	0.250	0.040	0.212	120	150	<b>41611</b>	100
	0.063 - 0.125	42	0.129 - 0.133	#30	0.250	0.040	0.275	120	150	<b>1965</b>	100
	0.063 - 0.125	42	0.129 - 0.133	#30	0.250	0.040	0.275	120	150	<b>1965M01</b>	250
	0.126 - 0.187	43	0.129 - 0.133	#30	0.250	0.040	0.337	120	150	<b>41612</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	120	150	<b>1966</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.250	0.040	0.525	120	150	<b>1967</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.250	0.040	0.525	120	150	<b>1967M01</b>	250
	0.376 - 0.500	48	0.129 - 0.133	#30	0.250	0.040	0.650	120	150	<b>82336</b>	100
	0.376 - 0.500	48	0.129 - 0.133	#30	0.250	0.040	0.650	120	150	<b>82336M01</b>	250
	0.376 - 0.500	48	0.129 - 0.133	#30	0.250	0.040	0.650	120	150	<b>1543551</b>	500
5/32	0.020 - 0.125	52	0.160 - 0.164	#20	0.315	0.050	0.300	190	230	<b>1968</b>	100
	0.020 - 0.125	52	0.160 - 0.164	#20	0.315	0.050	0.300	190	230	<b>1968M01</b>	250
	0.126 - 0.187	53	0.160 - 0.164	#20	0.315	0.050	0.362	190	230	<b>41619</b>	100
	0.188 - 0.250	54	0.160 - 0.164	#20	0.315	0.050	0.425	190	230	<b>1969</b>	100
	0.251 - 0.375	56	0.160 - 0.164	#20	0.315	0.050	0.550	190	230	<b>1970</b>	100
	0.251 - 0.375	56	0.160 - 0.164	#20	0.315	0.050	0.550	190	230	<b>1970M01</b>	250
	0.376 - 0.500	58	0.160 - 0.164	#20	0.315	0.050	0.675	190	230	<b>82337</b>	100
	0.020 - 0.125	62	0.192 - 0.196	#11	0.375	0.060	0.325	260	320	<b>483</b>	100
3/16	0.020 - 0.125	62	0.192 - 0.196	#11	0.375	0.060	0.325	260	320	<b>483M01</b>	250
	0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	260	320	<b>484</b>	100
	0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	260	320	<b>1543552</b>	500
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.575	260	320	<b>489</b>	100
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.575	260	320	<b>489M01</b>	250
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.575	260	320	<b>1543553</b>	500
	0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	260	320	<b>485</b>	100
	0.501 - 0.625	610	0.192 - 0.196	#11	0.375	0.060	0.825	260	320	<b>82338</b>	100
	0.626 - 0.750	612	0.192 - 0.196	#11	0.375	0.060	0.950	260	320	<b>82339</b>	100
	0.751 - 0.875	614	0.192 - 0.196	#11	0.375	0.060	1.075	260	320	<b>41623</b>	100
	0.876 - 1.000	616	0.192 - 0.196	#11	0.375	0.060	1.200	260	320	<b>97074</b>	100
	1/4	0.020 - 0.250	84	0.257 - 0.261	F	0.500	0.080	0.500	460	560	<b>85103</b>
0.251 - 0.375		86	0.257 - 0.261	F	0.500	0.080	0.625	460	560	<b>85104</b>	100
0.376 - 0.500		88	0.257 - 0.261	F	0.500	0.080	0.750	460	560	<b>85105</b>	100
0.626 - 0.750		812	0.257 - 0.261	F	0.500	0.080	1.000	460	560	<b>85106</b>	100

#### Available In Assortment





## Open End Rivets Aluminum Body/Aluminum Mandrel



### 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



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.063 - 0.125	42	0.129 - 0.133	#30	0.375	0.065	0.275	120	150	<b>1972</b>	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.375	0.065	0.337	120	150	<b>41628</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.375	0.065	0.400	120	150	<b>1973</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.375	0.065	0.525	120	150	<b>41629</b>	100
3/16	0.188 - 0.250	64	0.192 - 0.196	#11	0.625	0.092	0.450	260	320	<b>41634</b>	100
	0.251 - 0.375	66	0.192 - 0.196	#11	0.625	0.092	0.575	260	320	<b>490</b>	100
	0.251 - 0.375	66	0.192 - 0.196	#11	0.625	0.092	0.575	260	320	<b>490M01</b>	250
	0.376 - 0.500	68	0.192 - 0.196	#11	0.625	0.092	0.700	260	320	<b>82353</b>	100
	0.376 - 0.500	68	0.192 - 0.196	#11	0.625	0.092	0.700	260	320	<b>82353M01</b>	250
	0.501 - 0.625	610	0.192 - 0.196	#11	0.625	0.092	0.825	260	320	<b>82354</b>	100
	0.626 - 0.750	612	0.192 - 0.196	#11	0.625	0.092	0.950	260	320	<b>82355</b>	100
	0.876 - 1.000	616	0.192 - 0.196	#11	0.625	0.092	1.200	260	320	<b>41635</b>	100

#### Available In Assortment

#### KL913

(15 items, 1,500 pieces)

## 120° Countersunk Head

- Ideal for applications where a flush appearance is required



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.063 - 0.125	42	0.129 - 0.133	#30	0.220	0.031	0.275	120	150	<b>1974</b>	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.220	0.031	0.337	120	150	<b>41638</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.220	0.031	0.400	120	150	<b>1975</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.220	0.031	0.525	120	150	<b>41639</b>	100
5/32	0.188 - 0.250	54	0.160 - 0.164	#20	0.281	0.040	0.425	190	230	<b>41640</b>	100



# RIVETS

## Open End Rivets Aluminum Body/Steel Mandrel



### Dome Head



- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/32	0.020 - 0.125	32	0.097 - 0.100	#41	0.188	0.032	0.250	90	120	<b>97080</b>	100
	0.126 - 0.250	34	0.097 - 0.100	#41	0.188	0.032	0.375	90	120	<b>97081</b>	100
1/8	0.020 - 0.062	41	0.129 - 0.133	#30	0.250	0.040	0.212	170	220	<b>41614</b>	100
	0.063 - 0.125	42	0.129 - 0.133	#30	0.250	0.040	0.275	170	220	<b>1949</b>	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.250	0.040	0.337	170	220	<b>41615</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	170	220	<b>1950</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	170	220	<b>1543554</b>	500
	0.251 - 0.312	45	0.129 - 0.133	#30	0.250	0.040	0.462	170	220	<b>41616</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.250	0.040	0.525	170	220	<b>1951</b>	100
	0.376 - 0.500	48	0.129 - 0.133	#30	0.250	0.040	0.500	170	220	<b>82332</b>	100
5/32	0.020 - 0.125	52	0.160 - 0.164	#20	0.315	0.050	0.300	260	350	<b>1952</b>	100
	0.126 - 0.187	53	0.160 - 0.164	#20	0.315	0.050	0.362	260	350	<b>41620</b>	100
	0.188 - 0.250	54	0.160 - 0.164	#20	0.315	0.050	0.425	260	350	<b>1953</b>	100
	0.251 - 0.375	56	0.160 - 0.164	#20	0.315	0.050	0.550	260	350	<b>1954</b>	100
3/16	0.376 - 0.500	58	0.160 - 0.164	#20	0.315	0.050	0.675	260	350	<b>82333</b>	100
	0.020 - 0.125	62	0.192 - 0.196	#11	0.375	0.060	0.325	380	500	<b>1955</b>	100
	0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	380	500	<b>1956</b>	100
	0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	380	500	<b>1543555</b>	500
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.575	380	500	<b>1957</b>	100
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.575	380	500	<b>1957M01</b>	250
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.575	380	500	<b>1543556</b>	500
	0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	380	500	<b>1958</b>	100
	0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	380	500	<b>1543557</b>	500
	0.501 - 0.625	610	0.192 - 0.196	#11	0.375	0.060	0.825	380	500	<b>82334</b>	100
	0.626 - 0.750	612	0.192 - 0.196	#11	0.375	0.060	0.950	380	500	<b>82335</b>	100
	0.876 - 1.000	616	0.192 - 0.196	#11	0.375	0.060	1.200	380	500	<b>97073</b>	100
0.876 - 1.000	616	0.192 - 0.196	#11	0.375	0.060	1.200	380	500	<b>1543559</b>	500	
1/4	0.020 - 0.250	84	0.257 - 0.261	F	0.500	0.080	0.500	700	920	<b>85107</b>	100
	0.251 - 0.375	86	0.257 - 0.261	F	0.500	0.080	0.625	700	920	<b>85108</b>	100
	0.376 - 0.500	88	0.257 - 0.261	F	0.500	0.080	0.750	700	920	<b>85109</b>	100
	0.376 - 0.500	88	0.257 - 0.261	F	0.500	0.080	0.750	700	920	<b>1543558</b>	500
	0.626 - 0.750	812	0.257 - 0.261	F	0.500	0.080	1.000	700	920	<b>85110</b>	100
	0.626 - 0.750	812	0.257 - 0.261	F	0.500	0.080	1.000	700	920	<b>1543560</b>	500
0.876 - 1.000	816	0.257 - 0.261	F	0.500	0.080	1.250	700	920	<b>1543561</b>	100	

Available In Assortment



**KL914**  
(15 items, 1,500 pieces)



## Open End Rivets Aluminum Body/Steel Mandrel



### 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



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.063 - 0.125	42	0.129 - 0.133	#30	0.375	0.065	0.275	170	220	<b>1960</b>	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.375	0.065	0.337	170	220	<b>41631</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.375	0.065	0.400	170	220	<b>1961</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.375	0.065	0.400	170	220	<b>1961M01</b>	250
	0.313 - 0.375	46	0.129 - 0.133	#30	0.375	0.065	0.525	170	220	<b>41632</b>	100
3/16	0.251 - 0.375	66	0.192 - 0.196	#11	0.625	0.092	0.575	380	500	<b>1962</b>	100
	0.251 - 0.375	66	0.192 - 0.196	#11	0.625	0.092	0.575	380	500	<b>1543577</b>	500
	0.376 - 0.500	68	0.192 - 0.196	#11	0.625	0.092	0.700	380	500	<b>82350</b>	100
	0.376 - 0.500	68	0.192 - 0.196	#11	0.625	0.092	0.700	380	500	<b>82350M01</b>	250
	0.376 - 0.500	68	0.192 - 0.196	#11	0.625	0.092	0.700	380	500	<b>1543578</b>	500
	0.501 - 0.625	610	0.192 - 0.196	#11	0.625	0.092	0.825	380	500	<b>82351</b>	100
	0.501 - 0.625	610	0.192 - 0.196	#11	0.625	0.092	0.825	380	500	<b>82351M01</b>	250
	0.626 - 0.750	612	0.192 - 0.196	#11	0.625	0.092	0.950	380	500	<b>82352</b>	100
	0.626 - 0.750	612	0.192 - 0.196	#11	0.625	0.092	0.950	380	500	<b>1543579</b>	500
	0.876 - 1.000	616	0.192 - 0.196	#11	0.625	0.092	1.200	380	500	<b>54469</b>	100

#### Available In Assortment

#### KL914

(15 items, 1,500 pieces)

## 120° Countersunk Head

- Ideal for applications where a flush appearance is required



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.063 - 0.125	42	0.129 - 0.133	#30	0.220	0.031	0.275	170	220	<b>1963</b>	100
	0.251 - 0.312	45	0.129 - 0.133	#30	0.220	0.031	0.525	170	220	<b>1964</b>	100





# RIVETS

## Open End Rivets Steel Body/Steel Mandrel



### Dome Head



- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/32	0.020 - 0.125	32	0.097 - 0.100	#41	0.188	0.032	0.250	130	170	<b>97082</b>	100
	0.126 - 0.250	34	0.097 - 0.100	#41	0.188	0.032	0.375	130	170	<b>97083</b>	100
	0.020 - 0.062	41	0.129 - 0.133	#30	0.250	0.040	0.212	260	310	<b>41608</b>	100
	0.063 - 0.125	42	0.129 - 0.133	#30	0.250	0.040	0.275	260	310	<b>480</b>	100
	0.063 - 0.125	42	0.129 - 0.133	#30	0.250	0.040	0.275	260	310	<b>480M01</b>	250
	0.063 - 0.125	42	0.129 - 0.133	#30	0.250	0.040	0.275	260	310	<b>1543565</b>	500
	0.126 - 0.187	43	0.129 - 0.133	#30	0.250	0.040	0.337	260	310	<b>1543566</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	260	310	<b>481</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	260	310	<b>481M01</b>	250
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	260	310	<b>1543567</b>	500
1/8	0.251 - 0.312	45	0.129 - 0.133	#30	0.250	0.040	0.462	260	310	<b>41610</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.250	0.040	0.525	260	310	<b>1940</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.250	0.040	0.525	260	310	<b>1940M01</b>	250
	0.313 - 0.375	46	0.129 - 0.133	#30	0.250	0.040	0.525	260	310	<b>1543568</b>	500
	0.376 - 0.500	48	0.129 - 0.133	#30	0.250	0.040	0.500	260	310	<b>82328</b>	100
	0.376 - 0.500	48	0.129 - 0.133	#30	0.250	0.040	0.500	260	310	<b>1543569</b>	500
	0.020 - 0.125	52	0.160 - 0.164	#20	0.315	0.050	0.300	370	470	<b>1941</b>	100
	0.126 - 0.187	53	0.160 - 0.164	#20	0.315	0.050	0.362	370	470	<b>41618</b>	100
	0.188 - 0.250	54	0.160 - 0.164	#20	0.315	0.050	0.425	370	470	<b>1942</b>	100
	0.188 - 0.250	54	0.160 - 0.164	#20	0.315	0.050	0.425	370	470	<b>1942M01</b>	250
0.251 - 0.375	56	0.160 - 0.164	#20	0.315	0.050	0.550	370	470	<b>1943</b>	100	
0.376 - 0.500	58	0.160 - 0.164	#20	0.315	0.050	0.675	370	470	<b>82329</b>	100	
0.020 - 0.125	62	0.192 - 0.196	#11	0.375	0.060	0.325	540	680	<b>1944</b>	100	
0.020 - 0.125	62	0.192 - 0.196	#11	0.375	0.060	0.325	540	680	<b>1543570</b>	500	
0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	540	680	<b>486</b>	100	
0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	540	680	<b>1543571</b>	500	
0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.575	540	680	<b>487</b>	100	
0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	540	680	<b>1945</b>	100	
0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	540	680	<b>1945M01</b>	250	
0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	540	680	<b>1543572</b>	500	
0.501 - 0.625	610	0.192 - 0.196	#11	0.375	0.060	0.825	540	680	<b>82330</b>	100	
0.501 - 0.625	610	0.192 - 0.196	#11	0.375	0.060	0.825	540	680	<b>1543574</b>	500	
0.626 - 0.750	612	0.192 - 0.196	#11	0.375	0.060	0.950	540	680	<b>82331</b>	100	
0.626 - 0.750	612	0.192 - 0.196	#11	0.375	0.060	0.950	540	680	<b>1543575</b>	500	
0.020 - 0.250	84	0.257 - 0.261	F	0.500	0.080	0.500	1,000	1,240	<b>85099</b>	100	
0.251 - 0.375	86	0.257 - 0.261	F	0.500	0.080	0.625	1,000	1,240	<b>85100</b>	100	
0.251 - 0.375	86	0.257 - 0.261	F	0.500	0.080	0.625	1,000	1,240	<b>85100M01</b>	250	
0.251 - 0.375	86	0.257 - 0.261	F	0.500	0.080	0.625	1,000	1,240	<b>1543573</b>	500	
0.376 - 0.500	88	0.257 - 0.261	F	0.500	0.080	0.750	1,000	1,240	<b>85101</b>	100	
0.626 - 0.750	812	0.257 - 0.261	F	0.500	0.080	1.000	1,000	1,240	<b>85102</b>	100	
0.876 - 1.000	816	0.257 - 0.261	F	0.500	0.080	1.250	1,000	1,240	<b>1543576</b>	100	

Available In Assortment



**KL915**  
(14 items, 1,400 pieces)





## Open End Rivets Steel Body/Steel Mandrel



### 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



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.063 - 0.125	42	0.129 - 0.133	#30	0.375	0.065	0.275	260	310	<b>479</b>	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.375	0.065	0.337	260	310	<b>41625</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.375	0.065	0.400	260	310	<b>1947</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.375	0.065	0.525	260	310	<b>41626</b>	100
	0.376 - 0.500	48	0.129 - 0.133	#30	0.375	0.065	0.650	260	310	<b>41627</b>	100
3/16	0.188 - 0.250	64	0.192 - 0.196	#11	0.625	0.092	0.450	540	680	<b>41633</b>	100
	0.251 - 0.375	66	0.192 - 0.196	#11	0.625	0.092	0.575	540	680	<b>1948</b>	100
	0.251 - 0.375	66	0.192 - 0.196	#11	0.625	0.092	0.575	540	680	<b>1948M01</b>	250
	0.376 - 0.500	68	0.192 - 0.196	#11	0.625	0.092	0.700	540	680	<b>82347</b>	100
	0.501 - 0.625	610	0.192 - 0.196	#11	0.625	0.092	0.825	540	680	<b>82348</b>	100
	0.626 - 0.750	612	0.192 - 0.196	#11	0.625	0.092	0.950	540	680	<b>82349</b>	100

#### Available In Assortment

#### KL915

(14 items, 1,400 pieces)

## 120° Countersunk Head

- Ideal for applications where a flush appearance is required



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.063 - 0.125	42	0.129 - 0.133	#30	0.220	0.031	0.275	260	310	<b>482</b>	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.220	0.031	0.337	260	310	<b>41636</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.220	0.031	0.400	260	310	<b>488</b>	100
	0.313 - 0.375	46	0.129 - 0.133	#30	0.220	0.031	0.525	260	310	<b>41637</b>	100

#### Available In Assortment

#### KL915

(14 items, 1,400 pieces)



# RIVETS

## Open End Rivets

### Stainless Steel Body/Stainless Steel Mandrel

- 18-8 stainless steel



### Dome Head



- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.020 - 0.062	41	0.129 - 0.133	#30	0.250	0.040	0.212	420	530	<b>41617</b>	100
	0.063 - 0.125	42	0.129 - 0.133	#30	0.250	0.040	0.275	420	530	<b>82340</b>	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.250	0.040	0.337	420	530	<b>82341</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	420	530	<b>82342</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	420	530	<b>1543562</b>	500
	0.313 - 0.375	46	0.129 - 0.133	#30	0.250	0.040	0.525	420	530	<b>82343</b>	100
5/32	0.376 - 0.500	48	0.129 - 0.133	#30	0.250	0.040	0.650	420	530	<b>97070</b>	100
	0.020 - 0.125	52	0.160 - 0.164	#20	0.315	0.050	0.300	650	820	<b>85095</b>	100
	0.126 - 0.187	53	0.160 - 0.164	#20	0.315	0.050	0.362	650	820	<b>41621</b>	100
	0.188 - 0.250	54	0.160 - 0.164	#20	0.315	0.050	0.425	650	820	<b>85096</b>	100
	0.251 - 0.375	56	0.160 - 0.164	#20	0.315	0.050	0.550	650	820	<b>85097</b>	100
3/16	0.376 - 0.500	58	0.160 - 0.164	#20	0.315	0.050	0.675	650	820	<b>41622</b>	100
	0.020 - 0.125	62	0.192 - 0.196	#11	0.375	0.060	0.325	950	1,200	<b>82344</b>	100
	0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	950	1,200	<b>82345</b>	100
	0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	950	1,200	<b>82345M01</b>	250
	0.188 - 0.250	64	0.192 - 0.196	#11	0.375	0.060	0.450	950	1,200	<b>1543563</b>	500
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.575	950	1,200	<b>82346</b>	100
	0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	950	1,200	<b>85098</b>	100
	0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	950	1,200	<b>85098M01</b>	250
	0.376 - 0.500	68	0.192 - 0.196	#11	0.375	0.060	0.700	950	1,200	<b>1543564</b>	500
	0.501 - 0.625	610	0.192 - 0.196	#11	0.375	0.060	0.825	950	1,200	<b>97071</b>	50
0.626 - 0.750	612	0.192 - 0.196	#11	0.375	0.060	0.950	950	1,200	<b>97072</b>	50	
0.876 - 1.000	616	0.192 - 0.196	#11	0.375	0.060	1.200	950	1,200	<b>41624</b>	100	

## 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



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.063 - 0.125	42	0.129 - 0.133	#30	0.375	0.065	0.275	420	530	<b>97075</b>	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.375	0.065	0.337	420	530	<b>97076</b>	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.375	0.065	0.400	420	530	<b>97077</b>	100



## Open End Rivets Copper Body/Steel Mandrel



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.400	215	300	1977	100

## Closed End Rivets Aluminum Body/Steel Mandrel



- Seals out liquids, moisture, air and other contaminants
- Complete stem retention



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.063 - 0.125	42	0.129 - 0.133	#30	0.250	0.040	0.360	240	280	97065	100
	0.126 - 0.187	43	0.129 - 0.133	#30	0.250	0.040	0.422	240	280	1543580	100
	0.188 - 0.250	44	0.129 - 0.133	#30	0.250	0.040	0.485	240	280	97066	100
3/16	0.126 - 0.187	63	0.192 - 0.196	#11	0.375	0.060	0.468	500	690	97067	100
	0.126 - 0.187	63	0.192 - 0.196	#11	0.375	0.060	0.468	500	690	1543581	500
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.656	500	690	97068	100
	0.251 - 0.375	66	0.192 - 0.196	#11	0.375	0.060	0.656	500	690	1543582	500
	0.376 - 0.500	88	0.192 - 0.196	#11	0.375	0.060	0.781	500	690	97069	100
	0.376 - 0.500	88	0.192 - 0.196	#11	0.375	0.060	0.781	500	690	1543583	500



# RIVETS

## Multi-Grip Rivets

### Aluminum Body/Steel Mandrel

- Multi-grip capability accommodates wide variations in material thickness
- One rivet can be used to replace several standard grip rivets reducing inventory
- Excellent hole-fill capability compensates for irregular holes



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.020 - 0.187	0.129 - 0.138	0.250	0.037	0.315	165	230	1978	100
	0.020 - 0.187	0.129 - 0.138	0.250	0.037	0.315	165	230	1543595	500
	0.156 - 0.312	0.129 - 0.138	0.250	0.037	0.438	165	230	1979	100
	0.216 - 0.375	0.129 - 0.138	0.250	0.037	0.500	165	230	1543596	100
5/32	0.040 - 0.250	0.161 - 0.169	0.312	0.047	0.375	255	375	1980	100
	0.062 - 0.250	0.192 - 0.200	0.386	0.057	0.406	350	530	1981	100
	0.062 - 0.250	0.192 - 0.200	0.386	0.057	0.406	350	530	1543597	500
3/16	0.187 - 0.437	0.192 - 0.200	0.386	0.057	0.595	350	530	1982	100
	0.187 - 0.437	0.192 - 0.200	0.386	0.057	0.595	350	530	1543598	500
	0.250 - 0.500	0.192 - 0.200	0.386	0.057	0.666	350	530	1543599	100
	0.250 - 0.500	0.192 - 0.200	0.386	0.057	0.666	350	530	1543600	500
	0.500 - 0.750	0.192 - 0.200	0.386	0.057	0.978	350	530	1543601	100
	0.500 - 0.750	0.192 - 0.200	0.386	0.057	0.978	350	530	1543602	500
1/4	0.062 - 0.250	0.257 - 0.261	0.511	0.070	0.472	630	900	1543603	100

Available In Assortment

**KL911**  
(12 items, 1,200 pieces)

**CT3001**  
(8 items, 3,600 pieces)



### 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



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.250	0.192 - 0.200	0.625	0.069	0.406	350	530	1543592	100
	0.250 - 0.500	0.192 - 0.200	0.625	0.069	0.666	350	530	1983	100
	0.250 - 0.500	0.192 - 0.200	0.625	0.069	0.666	350	530	1543593	500
	0.500 - 0.781	0.192 - 0.200	0.625	0.069	0.978	350	530	1984	100
	0.500 - 0.781	0.192 - 0.200	0.625	0.069	0.978	350	530	1543594	500

Available In Assortment

**KL911**  
(12 items, 1,200 pieces)

**CT3001**  
(8 items, 3,600 pieces)



### 120° Countersunk Head

- Ideal for applications where a flush appearance is required



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.093 - 0.250	0.129 - 0.138	0.209	0.029	0.383	165	230	1543584	100
5/32	0.110 - 0.312	0.161 - 0.169	0.252	0.049	0.470	255	375	1543585	100
	0.062 - 0.312	0.192 - 0.200	0.345	0.051	0.500	350	530	1543586	100
3/16	0.062 - 0.312	0.192 - 0.200	0.345	0.051	0.500	350	530	1543587	500
	0.250 - 0.500	0.192 - 0.200	0.345	0.051	0.690	350	530	1543588	100
	0.250 - 0.500	0.192 - 0.200	0.345	0.051	0.690	350	530	1543589	500

Available In Assortment

**KL911**  
(12 items, 1,200 pieces)

**CT3001**  
(8 items, 3,600 pieces)



## Multi-Grip Rivets Steel Body/Steel Mandrel

- Multi-grip capability accommodates wide variations in material thickness
- One rivet can be used to replace several standard grip rivets reducing inventory
- Excellent hole-fill capability compensates for irregular holes



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.043 - 0.250	0.129 - 0.133	#30	0.283	0.033	0.355	340	385	<b>1543590</b>	100
	0.043 - 0.250	0.129 - 0.133	#30	0.283	0.033	0.355	340	385	<b>1543591</b>	500



## Rivinox® Rear-Flange Rivets Stainless Steel Body/Stainless Steel Mandrel

- Provides a rear flange on the back side of the application – perfect for thin sheet metals or plastics where rivet pull through is of concern
- The mandrel will break nearly flush with the head and is locked to prevent vibration
- 18-8 stainless steel construction provides a corrosion-resistant joint



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/8	0.040 - 0.118	0.129 - 0.134	0.250	0.043	0.350	719	450	<b>1543604</b>	100
	0.118 - 0.197	0.129 - 0.134	0.250	0.043	0.450	719	450	<b>1543605</b>	100
	0.118 - 0.197	0.129 - 0.134	0.250	0.043	0.450	719	450	<b>1543606</b>	500
	0.197 - 0.276	0.129 - 0.134	0.250	0.043	0.540	719	450	<b>1543607</b>	100
	0.197 - 0.276	0.129 - 0.134	0.250	0.043	0.540	719	450	<b>1543608</b>	500
3/16	0.059 - 0.138	0.193 - 0.201	0.375	0.070	0.510	1,236	1,124	<b>1543609</b>	100
	0.138 - 0.236	0.193 - 0.201	0.375	0.070	0.610	1,236	1,124	<b>1543610</b>	100
	0.138 - 0.236	0.193 - 0.201	0.375	0.070	0.610	1,236	1,124	<b>1543611</b>	500
	0.236 - 0.335	0.193 - 0.201	0.375	0.070	0.730	1,236	1,124	<b>1543612</b>	100
	0.236 - 0.335	0.193 - 0.201	0.375	0.070	0.730	1,236	1,124	<b>1543613</b>	500



# RIVETS

## Tri-Fold Rivets

### Aluminum Body/Aluminum Mandrel

- Body splits out into three legs at the back side
- The extended bearing surface spreads the load over a wider area to prevent pullout
- Ideal for use in plastic, brittle or low strength materials
- Large grip range accommodates wide variations in material thickness



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.040 - 0.354	0.196 - 0.209	0.386	0.062	0.906	202	269	<b>90485</b>	100
	0.157 - 0.472	0.196 - 0.209	0.386	0.062	1.070	202	269	<b>1543658</b>	100



## SupraTITE® Structural Tri-Fold Rivets

### Aluminum Body/Aluminum Mandrel

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 the trailer body skin from one side of the trailer.

- Split tail formation spreads the tail bearing load on the rear sheet
- Ideal for use in thin materials
- Excellent multi-grip range



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications

Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.250	0.209 - 0.221	#4	0.492	0.099	0.907	675	450	<b>1543663*</b>	100
	0.187 - 0.375	0.209 - 0.221	#4	0.492	0.099	1.032	675	450	<b>1543664</b>	100
	0.187 - 0.375	0.209 - 0.221	#4	0.492	0.099	1.032	675	450	<b>1543665*</b>	100
	0.312 - 0.500	0.209 - 0.221	#4	0.492	0.099	1.157	675	450	<b>1543666</b>	100
1/4	0.125 - 0.375	0.250 - 0.263	E	0.550	0.116	1.130	950	575	<b>1543667*</b>	100

\*Rubber washer under the head provides additional sealing capabilities



### Shaveable Brazier Head

The shaveable head style is designed for the mandrel to break high and then be cut by a snipping tool. The head can then be shaved to match the appearance of solid brazier head rivets commonly used on trailers.

- Rubber washer under the head provides additional sealing capabilities



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.050 - 0.500	0.209 - 0.221	#4	0.492	0.105	1.185	675	450	<b>1543661</b>	100
1/4	0.050 - 0.500	0.250 - 0.263	E	0.492	0.125	1.235	950	575	<b>1543662</b>	100



## SupraTITE® Structural Tri-Fold Rivets Steel Body/Steel Mandrel



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 the trailer body skin from one side of the trailer.

- Split tail formation spreads the tail bearing load on the rear sheet
- Ideal for use in thin materials
- Excellent multi-grip range
- Rubber washer under the head provides additional sealing capabilities



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/4	0.125 - 0.375	0.250 - 0.263	F	0.550	0.125	1.130	1,250	950	<b>1543659</b>	100
	0.250 - 0.500	0.250 - 0.263	F	0.550	0.125	1.255	1,250	950	<b>1543660</b>	100



## Stemlock® Structural Rear-Flange Rivets Steel Body/Steel Mandrel



- Provides a rear flange on the back side of the application – perfect for thin sheet metals or imperfect holes
- Rear flange helps prevent material deformation
- The mandrel will break flush with the head and is locked to prevent vibration



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Hole Size (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
1/4	0.110 - 0.189	0.263 - 0.271	0.530	0.110	0.590	2,698	1,978	<b>1543614</b>	100
	0.189 - 0.268	0.263 - 0.271	0.530	0.110	0.669	2,810	1,978	<b>1543615</b>	100
	0.268 - 0.346	0.263 - 0.271	0.530	0.110	0.747	3,147	1,978	<b>1543616</b>	100
	0.346 - 0.425	0.263 - 0.271	0.530	0.110	0.826	3,597	1,978	<b>1543617</b>	100
	0.425 - 0.504	0.263 - 0.271	0.530	0.110	0.905	3,597	1,978	<b>1543618</b>	100





# RIVETS

## Structural Rivets – Internal Locking

### Aluminum Body/Aluminum Mandrel

- The mandrel is retained within the shear plane providing high strength under shear loads
- The internal lock insures positive mandrel retention which results in high strength under tensile loads
- Typically used in manufacturing or truck body repair
- Standard nosepieces can be used for installation



### Dome Head



- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.270	64	0.191 - 0.201	#10	0.385	0.085	0.415	550	450	90479	50
	0.062 - 0.437	67E	0.191 - 0.201	#10	0.385	0.085	0.572	550	450	1543638	50
1/4	0.080 - 0.375	86	0.261 - 0.276	G	0.525	0.117	0.560	1,270	830	90483	50
	0.080 - 0.375	86	0.261 - 0.276	G	0.525	0.117	0.560	1,270	830	1543639	500
	0.080 - 0.625	810E	0.261 - 0.276	G	0.525	0.117	0.810	1,270	830	1543640	50
	0.080 - 0.625	810E	0.261 - 0.276	G	0.525	0.117	0.810	1,270	830	1543641	500

#### Available In Assortment

	<b>KL912</b>
	(8 items, 400 pieces)

### 100° Countersunk Head



- Ideal for applications where a flush appearance is required



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.125 - 0.331	66	0.191 - 0.201	#10	0.325 - 0.360	0.080	0.486	550	450	1543650	50
	0.125 - 0.514	69	0.191 - 0.201	#10	0.325 - 0.360	0.080	0.669	550	450	1543651	50
1/4	0.160 - 0.475	88	0.261 - 0.272	G	0.405	0.070	0.660	1,270	830	1543652	50
	0.415 - 0.725	812	0.261 - 0.272	G	0.405	0.070	0.910	1,270	830	1543653	50



## Structural Rivets – Internal Locking

### Steel Body/Steel Mandrel

- The mandrel is retained within the shear plane providing high strength under shear loads
- The internal lock insures positive mandrel retention which results in high strength under tensile loads
- Typically used in manufacturing or truck body repair
- Standard nosepieces can be used for installation



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.270	64	0.194 - 0.204	#10	0.375	0.085	0.415	1,300	1,000	90477	50
	0.062 - 0.270	64	0.194 - 0.204	#10	0.375	0.085	0.415	1,300	1,000	1543646	500
	0.062 - 0.437	67E	0.194 - 0.204	#10	0.375	0.085	0.572	1,300	1,000	90478	50
	0.062 - 0.437	67E	0.194 - 0.204	#10	0.375	0.085	0.572	1,300	1,000	1543647	500
1/4	0.080 - 0.375	86	0.261 - 0.276	G	0.525	0.117	0.560	2,400	1,850	90481	50
	0.080 - 0.375	86	0.261 - 0.276	G	0.525	0.117	0.560	2,400	1,850	1543648	500
	0.080 - 0.625	810E	0.261 - 0.276	G	0.525	0.117	0.810	2,400	1,850	90482	50
	0.080 - 0.625	810E	0.261 - 0.276	G	0.525	0.117	0.810	2,400	1,850	1543649	500

Available In Assortment

KL912

(8 items, 400 pieces)

### 100° Countersunk Head



- Ideal for applications where a flush appearance is required



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.125 - 0.331	66	0.191 - 0.201	#10	0.325 - 0.360	0.080	0.486	1,300	1,000	1543654	50
	0.129 - 0.514	69	0.191 - 0.201	#10	0.325 - 0.360	0.080	0.669	1,300	1,000	1543655	50
1/4	0.160 - 0.475	88	0.261 - 0.276	G	0.405	0.070	0.660	2,400	1,850	1543656	50
	0.415 - 0.725	812	0.261 - 0.276	G	0.405	0.070	0.910	2,400	1,850	1543657	50



# RIVETS

## Structural Rivets – Internal Locking Stainless Steel Body/Stainless Steel Mandrel

- The mandrel is retained within the shear plane providing high strength under shear loads
- The internal lock insures positive mandrel retention which results in high strength under tensile loads
- Typically used in manufacturing or truck body repair
- Standard nosepieces can be used for installation



### Dome Head



- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.270	64	0.194 - 0.204	#10	0.385	0.090	0.415	1,300	1,000	<b>1543642</b>	50
	0.062 - 0.437	67E	0.194 - 0.204	#10	0.385	0.090	0.572	1,300	1,000	<b>1543643</b>	50
1/4	0.080 - 0.375	86	0.261 - 0.276	G	0.525	0.117	0.560	2,400	1,850	<b>1543644</b>	50
	0.080 - 0.625	810E	0.261 - 0.276	G	0.525	0.117	0.810	2,400	1,850	<b>1543645</b>	50

#### Available In Assortment



**KL912**  
(8 items, 400 pieces)



## Tigerbolt® Structural Rivets – External Locking Aluminum Body/Aluminum Mandrel

- Locking feature is visible after the rivet is installed
- The mandrel is retained within the shear plane providing high strength under shear loads
- The external lock insures positive mandrel retention which results in high strength under tensile loads
- Typically used in manufacturing or truck body repair
- Interchangeable with Monobolts®
- A special nosepiece is required to install External Locking Structural Rivets



### Dome Head



- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.250	64	0.194 - 0.204	#10	0.400	0.090	0.416	674	495	<b>1543619</b>	50
	0.062 - 0.437	67E	0.194 - 0.204	#10	0.400	0.090	0.577	674	495	<b>1543620</b>	50
1/4	0.080 - 0.375	86	0.261 - 0.276	G	0.530	0.117	0.556	1,349	944	<b>1543621</b>	50
	0.080 - 0.625	810E	0.261 - 0.276	G	0.530	0.117	0.847	1,349	944	<b>1543622</b>	50

### 100° Countersunk Head



- Ideal for applications where a flush appearance is required

Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.125 - 0.437	66	0.191 - 0.201	#10	0.325 - 0.360	0.070	0.486	550	450	<b>1543627</b>	50



## Tigerbolt® Structural Rivets – External Locking Steel Body/Steel Mandrel



- Locking feature is visible after the rivet is installed
- The mandrel is retained within the shear plane providing high strength under shear loads
- The external lock insures positive mandrel retention which results in high strength under tensile loads
- Typically used in manufacturing or truck body repair
- Interchangeable with Monobolts®
- A special nosepiece is required to install External Locking Structural Rivets



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.250	64	0.194 - 0.204	#10	0.400	0.090	0.297	1,438	1,147	1543631	50
	0.062 - 0.437	67E	0.194 - 0.204	#10	0.400	0.090	0.360	1,438	1,147	1543632	50
	0.062 - 0.437	67E	0.194 - 0.204	#10	0.400	0.090	0.360	1,438	1,147	1543633	500
1/4	0.080 - 0.375	86	0.261 - 0.276	G	0.530	0.117	0.422	2,675	2,360	1543634	50
	0.080 - 0.375	86	0.261 - 0.276	G	0.530	0.117	0.422	2,675	2,360	1543635	500
	0.080 - 0.625	810E	0.261 - 0.276	G	0.530	0.117	0.485	2,675	2,360	1543636	50
	0.080 - 0.625	810E	0.261 - 0.276	G	0.530	0.117	0.485	2,675	2,360	1543637	500



### 100° Countersunk Head

- Ideal for applications where a flush appearance is required



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.125 - 0.437	66	0.191 - 0.201	#10	0.325 - 0.360	0.070	0.486	1,300	1,000	1543629	50
1/4	0.125 - 0.500	88	0.261 - 0.276	G	0.420	0.070	0.547	2,675	2,360	1543630	50



## Tigerbolt® Structural Rivets – External Locking Stainless Steel Body/Stainless Steel Mandrel



- Locking feature is visible after the rivet is installed
- The mandrel is retained within the shear plane providing high strength under shear loads
- The external lock insures positive mandrel retention which results in high strength under tensile loads
- Typically used in manufacturing or truck body repair
- Interchangeable with Monobolts®
- A special nosepiece is required to install External Locking Structural Rivets



### Dome Head

- Head diameter is twice the body diameter, providing adequate bearing for nearly all applications



Dia. (Inches)	Grip Range (Inches)	Industry Size No.	Hole Size (Inches)	Drill Size	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Shear Strength (Lb.)	Tensile Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.250	64	0.194 - 0.204	#10	0.400	0.090	0.375	1,438	1,146	1543623	50
	0.062 - 0.437	67E	0.194 - 0.204	#10	0.400	0.090	0.437	1,438	1,146	1543624	50
1/4	0.080 - 0.375	86	0.261 - 0.276	G	0.530	0.117	0.500	2,630	2,360	1543625	50
	0.080 - 0.625	810E	0.261 - 0.276	G	0.530	0.117	1.195	2,630	2,360	1543626	50



# RIVETS

## Aluminum Drive Rivets

- Aluminum drive pin
- For blind or through-fastening of metal-to-metal or for expansion in low-density materials like wood

### Full Brazier Head

Dia. (Inches)	Hole Size (Inches)	Grip Range (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Replaces Southco No.	Replaces Star No.	Item No.	Pkg. Qty.
3/16	3/16	0.047 - 0.141	0.469	0.094	0.250	38-206-02-16	2210-03-5	<b>380</b>	100
	3/16	0.078 - 0.172	0.469	0.094	0.281	38-206-04-16	2210-04-5	<b>381</b>	100
	3/16	0.141 - 0.234	0.469	0.094	0.344	38-206-06-16	2210-06-5	<b>383</b>	100
	3/16	0.203 - 0.297	0.469	0.094	0.416	38-206-08-16	2210-08-5	<b>384</b>	100
	3/16	0.266 - 0.359	0.469	0.094	0.469	38-206-10-16	2210-10-5	<b>385</b>	100
	3/16	0.328 - 0.422	0.469	0.094	0.531	38-206-12-16	2210-12-5	<b>386</b>	100
1/4	1/4	0.047 - 0.141	0.625	0.125	0.250	38-208-02-16	2215-03-5	<b>387</b>	100
	1/4	0.078 - 0.172	0.625	0.125	0.281	38-208-04-16	2215-04-5	<b>388</b>	100
	1/4	0.141 - 0.234	0.625	0.125	0.344	38-208-06-16	2215-06-5	<b>389</b>	100
	1/4	0.203 - 0.297	0.625	0.125	0.416	38-208-08-16	2215-08-5	<b>390</b>	100
	1/4	0.328 - 0.422	0.625	0.125	0.531	38-208-12-16	2215-12-5	<b>391</b>	100



### Universal Head

Dia. (Inches)	Hole Size (Inches)	Grip Range (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Replaces Southco No.	Replaces Star No.	Item No.	Pkg. Qty.
3/16	3/16	0.047 - 0.141	0.375	0.080	0.250	38-106-02-16	2210-03-0	<b>450</b>	100
	3/16	0.078 - 0.172	0.375	0.080	0.281	38-106-04-16	2210-04-0	<b>451</b>	100
	3/16	0.141 - 0.234	0.375	0.080	0.344	38-106-06-16	2210-06-0	<b>453</b>	100
	3/16	0.203 - 0.297	0.375	0.080	0.416	38-106-08-16	2210-08-0	<b>454</b>	100
	3/16	0.266 - 0.359	0.375	0.080	0.469	38-106-10-16	2210-10-0	<b>455</b>	100
	3/16	0.328 - 0.422	0.375	0.080	0.531	38-106-12-16	2210-12-0	<b>457</b>	100
1/4	1/4	0.078 - 0.172	0.500	0.107	0.281	38-108-04-16	2215-04-0	<b>460</b>	100
	1/4	0.141 - 0.234	0.500	0.107	0.344	38-108-06-16	2215-06-0	<b>461</b>	100
	1/4	0.203 - 0.297	0.500	0.107	0.416	38-108-08-16	2215-08-0	<b>462</b>	100
	1/4	0.328 - 0.422	0.500	0.107	0.531	38-108-12-16	2215-12-0	<b>463</b>	100



## Tri-Grip Drive Rivets

- Each rivet offers triple the grip range - only nine sizes cover all grips through 15/16"
- Reduces inventory requirements
- Large head diameter creates a greater load-bearing surface
- Extremely low head profile prevents cargo hang-up
- Tapered end makes insertion faster and easier
- Rivet material: 2117-T4 series aluminum alloy
- Pin material: Stainless steel
- Many applications, including plywood, metal or plastic liners and trailer or truck bodies
- Easy installation - use 3/16" dia. drill, insert rivet and hit pin



Dia. (Inches)	Hole Size (Inches)	Grip Range (Inches)	Head Dia. (Inches)	Head Height (Inches)	Body Length (Inches)	Replaces Southco No.	Replaces Star No.	Item No.	Pkg. Qty.
3/16	3/16	0.075 - 0.175	0.609	0.085	0.281	10-11-706-13	2210-07-4	<b>466</b>	100
	3/16	0.275 - 0.375	0.609	0.085	0.484	10-13-706-13	2210-27-4	<b>468</b>	100
	3/16	0.375 - 0.475	0.609	0.085	0.578	10-14-706-13	2210-37-4	<b>469</b>	100
	3/16	0.475 - 0.575	0.609	0.085	0.688	10-15-706-13	2210-47-4	<b>470</b>	100
	3/16	0.575 - 0.675	0.609	0.085	0.781	10-16-706-13	2210-57-4	<b>471</b>	100
	3/16	0.676 - 0.775	0.609	0.085	0.875	10-17-706-13	2210-67-4	<b>472</b>	100
	3/16	0.776 - 0.875	0.609	0.085	0.984	10-18-706-13	2210-77-4	<b>473</b>	100



## Solid Rivets

### Brazier Head

Soft Aluminum (1100F)



Dia. (Inches)	Length (Inches)	Item No.	Pkg. Qty.
3/16	1/4	401	250
	5/16	402	250
	3/8	403	250
	7/16	404	250
	1/2	405	250
	5/8	406	250
	3/4	407	250
1/4	1	1543682	250
	3/8	410	250
	1/2	411	250
	5/8	412	250
	3/4	413	250

### Brazier Head

Hard Aluminum (2117-T4)



Dia. (Inches)	Length (Inches)	Item No.	Pkg. Qty.
3/16	1/4	85034	250
	5/16	85035	250
	3/8	85036	250
	7/16	85037	250
	1/2	85038	250
	9/16	1543668	250
	5/8	85039	250
1/4	3/4	85040	250
	3/8	85041	250
	7/16	1543669	250
	1/2	85042	250
	5/8	85043	250
	3/4	85044	250
	7/8	1543670	250
1	1543671	250	

### Universal Head

Hard Aluminum (2117-T4)



Dia. (Inches)	Length (Inches)	Item No.	Pkg. Qty.
3/16	3/8	1543672	250
	7/16	1543673	250
	1/2	1543674	250
	5/8	1543675	250
1/4	7/16	1543676	250
	1/2	1543677	250
	5/8	1543678	250
	3/4	1543679	250
	7/8	1543680	250
3/8	3/4	1543681	250



# LOCKBOLTS

## Multi-Grip Lockbolt Pins



Multi-Grip Lockbolts have an extensive grip range that provides considerable scope and flexibility for many light-duty and heavy-duty assembly applications. They are an ideal fastener for applications where material thicknesses vary. Reduced stockholding provides significant cost-effective benefits over bolt/nut, solid rivet and other traditional fastening methods. Installation is simple, quick and requires minimal training.

Lockbolt fasteners have a unique, lock-groove design that ensures a secure installation. The Lockbolt is placed through the work and the collar is placed over the end of the Lockbolt. Using the proper tool the two are fastened together and the Lockbolt is broken off flush with the collar. When the core pin is flush with the collar, the fastener has been properly installed. A clean installation is ensured and can easily be confirmed with a quick visual inspection.

- Grip range covers a wide range of material thickness to suit a wide variety of applications
- Consistent high clamp force, shear and tensile strength
- High-speed assembly
- Excellent vibration resistance
- Consistent high performance
- Ideal for fastening metal to metal
- Commercial vehicles
- Heating and ventilation
- Frame building



### Steel Rivet Head

Dia. (Inches)	Grip Range (Inches)	Maximum Hole Size (Inches)	Length (Inches)	Head Dia. (Inches)	Head Height (Inches)	Tensile Strength (Lb.)	Shear Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.625	0.203	1.788	0.450 - 0.488	0.091 - 0.105	1,725	1,400	<b>1543701</b>	100
	0.062 - 0.625	0.203	1.788	0.450 - 0.488	0.091 - 0.105	1,725	1,400	<b>1543702</b>	500
	0.312 - 1.250	0.203	2.730	0.450 - 0.488	0.091 - 0.105	1,725	1,400	<b>1543703</b>	100
	0.312 - 1.250	0.203	2.730	0.450 - 0.488	0.091 - 0.105	1,725	1,400	<b>1543704</b>	500
1/4	0.063 - 0.625	0.265	1.965	0.627 - 0.687	0.110 - 0.140	2,550	2,200	<b>1543705</b>	100
	0.063 - 0.625	0.265	1.965	0.627 - 0.687	0.110 - 0.140	2,550	2,200	<b>1543706</b>	500
	0.312 - 1.250	0.265	2.560	0.627 - 0.687	0.110 - 0.140	2,550	2,200	<b>1543707</b>	100
	0.312 - 1.250	0.265	2.560	0.627 - 0.687	0.110 - 0.140	2,550	2,200	<b>1543708</b>	500

Available In Assortment

**CT3002**

(6 items, 1,600 pieces)

### Steel Button Head



Dia. (Inches)	Grip Range (Inches)	Maximum Hole Size (Inches)	Length (Inches)	Head Dia. (Inches)	Head Height (Inches)	Tensile Strength (Lb.)	Shear Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.625	0.203	1.788	0.356 - 0.394	0.113 - 0.125	1,400	1,725	<b>1543713</b>	100
	0.312 - 1.250	0.203	2.730	0.356 - 0.394	0.113 - 0.125	1,400	1,725	<b>1543714</b>	100
1/4	0.063 - 0.625	0.265	1.965	0.475 - 0.525	0.136 - 0.152	2,550	2,200	<b>1543715</b>	100
	0.312 - 1.250	0.265	2.560	0.475 - 0.525	0.136 - 0.152	2,550	2,200	<b>1543716</b>	100

### Steel Truss Head

Dia. (Inches)	Grip Range (Inches)	Maximum Hole Size (Inches)	Length (Inches)	Head Dia. (Inches)	Head Height (Inches)	Tensile Strength (Lb.)	Shear Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.625	0.203	1.788	0.406 - 0.472	0.076 - 0.090	1,400	1,725	<b>1543721</b>	100
	0.312 - 1.250	0.203	2.730	0.406 - 0.472	0.076 - 0.090	1,400	1,725	<b>1543722</b>	100
1/4	0.063 - 0.625	0.265	1.965	0.531 - 0.594	0.103 - 0.115	2,550	2,200	<b>1543723</b>	100
	0.312 - 1.250	0.265	2.560	0.531 - 0.594	0.103 - 0.115	2,550	2,200	<b>1543724</b>	100





## Multi-Grip Lockbolt Pins



### Aluminum Rivet Head

Dia. (Inches)	Grip Range (Inches)	Maximum Hole Size (Inches)	Length (Inches)	Head Dia. (Inches)	Head Height (Inches)	Tensile Strength (Lb.)	Shear Strength (Lb.)	Item No.	Pkg. Qty.
3/16	0.062 - 0.625	0.203	1.788	0.450 - 0.488	0.091 - 0.105	900	750	<b>1543697</b>	100

### Aluminum Button Head

Dia. (Inches)	Grip Range (Inches)	Maximum Hole Size (Inches)	Length (Inches)	Head Dia. (Inches)	Head Height (Inches)	Tensile Strength (Lb.)	Shear Strength (Lb.)	Item No.	Pkg. Qty.
1/4	0.063 - 0.625	0.265	1.965	0.475 - 0.525	0.136 - 0.152	1,620	1,200	<b>1543711</b>	100
	0.312 - 1.250	0.265	2.560	0.475 - 0.525	0.136 - 0.152	1,620	1,200	<b>1543712</b>	100

## Multi-Grip Lockbolt Collars



Material	Dia. (Inches)	Style	Hole Dia. (Inches)	Body Dia. (Inches)	Overall Height (Inches)	Flange Dia. (Inches)	Flange Thickness (Inches)	Item No.	Pkg. Qty.
Aluminum	3/16	Standard	0.189 - 0.195	0.307 - 0.313	0.265 - 0.285	0.365 - 0.385	0.040 - 0.052	<b>1543683</b>	100
	1/4	Standard	0.250 - 0.260	0.399 - 0.405	0.360 - 0.390	0.480 - 0.520	0.055 - 0.070	<b>1543684</b>	100
Carbon Steel	3/16	Standard	0.189 - 0.195	0.307 - 0.313	0.265 - 0.285	0.365 - 0.385	0.040 - 0.052	<b>1543689</b>	100
	3/16	Standard	0.189 - 0.195	0.307 - 0.313	0.265 - 0.285	0.365 - 0.385	0.040 - 0.052	<b>1543690</b>	500
	3/16	Medium	0.189 - 0.195	0.308 - 0.315	0.290 - 0.320	0.495 - 0.535	0.085 - 0.115	<b>1543693</b>	100
	3/16	Wide	0.189 - 0.195	0.307 - 0.314	0.290 - 0.320	0.640 - 0.754	0.095 - 0.115	<b>1543695</b>	100
	1/4	Standard	0.250 - 0.260	0.399 - 0.405	0.360 - 0.390	0.480 - 0.520	0.055 - 0.070	<b>1543691</b>	100
	1/4	Standard	0.250 - 0.260	0.399 - 0.405	0.360 - 0.390	0.480 - 0.520	0.055 - 0.070	<b>1543692</b>	500
	1/4	Wide	0.250 - 0.260	0.399 - 0.405	0.432 - 0.462	0.855 - 1.000	0.115 - 0.145	<b>1543696</b>	100

#### Available In Assortment

	<b>CT3002</b> (6 items, 1,600 pieces)



# PULL RIVET TOOL SELECTION CHART

Tool Type	Tool Name	Item No.														
			3/32"	1/8"	5/32"	3/16"	1/4"	Economy	High-Performance	Nutsert® Convertible	Structural Capable	Tigerbolt® Capable	2-Jaw Design	3-Jaw Design	6-Month Warranty*	12-Month Warranty*
Pneudraulic	Economy Series Rivet Tool	1543728	X	X	X	X		X					X		X	
	Economy Series Rivet Tool	1543729			X	X	X	X			X		X		X	
	High-Performance Series Rivet Tool	1543730	X	X	X				X					X		X
	High-Performance Series Rivet Tool	1543731		X	X	X			X					X		X
	High-Performance Series Rivet Tool	1543732			X	X	X		X		X	X		X		X
Cordless	RiveDrill™ Rivet Tool	27814		X	X	X		X					X			
	Economy Series Rivet Tool	1543739		X	X	X	X	X					X		X	
	Freeset™ High Performance Rivet Tool	1551540							X		X	X		X		X
Manual	Hand Rivet Tool	491	X	X	X	X		X					X		X	
	360° Swivel Head Hand Rivet Tool	54472	X	X	X	X		X					X		X	
	Heavy-Duty Rivet and Rivetnut Tool	1543727		X	X	X	X		X	X	X	X	X			X
	Heavy-Duty Rivet Tool	51898	X	X	X	X	X		X		X		X			
	Hydraulic Installation Tool	95161		X	X	X	X		X	X	X	X		X		

\*Note: Warranty is against defects in material and workmanship.

Tool Type	Tool Name	Item No.									
			Open End	Closed End	Multi-Grip	Rivinox®	Tri-Fold	SupraTITE®	StemLock®	Internal Locking Structural Tigerbolt®	
Pneudraulic	Economy Series Rivet Tool	1543728	X	X	X	X	X				
	Economy Series Rivet Tool	1543729	X	X	X	X	X	X		X	
	High-Performance Series Rivet Tool	1543730	X	X	X	X	X				
	High-Performance Series Rivet Tool	1543731	X	X	X	X	X				
	High-Performance Series Rivet Tool	1543732	X	X	X	X	X	X	X	X	X
Cordless	RiveDrill™ Rivet Tool	27814	X	X	X	X	X				
	Economy Series Rivet Tool	1543739	X	X	X	X	X				
	Freeset™ High Performance Rivet Tool	1551540	X	X	X	X	X	X	X	X	X
Manual	Hand Rivet Tool	491	X	X	X	X	X				
	360° Swivel Head Hand Rivet Tool	54472	X	X	X	X	X				
	Heavy-Duty Rivet and Rivetnut Tool	1543727	X	X	X	X	X	X	X	X	
	Heavy-Duty Rivet Tool	51898	X	X	X	X	X	X	X	X	
	Hydraulic Installation Tool	95161	X	X	X	X	X	X	X	X	X



## High-Performance Series Rivet Tools



- Designed for demanding, high-volume, production-oriented environments
- Adjustable vacuum mandrel collection to reduce load on shop compressors
- Long stroke insures the rivet is set in one shot
- Tools are individually serialized for tracking
- Easily serviced and repaired in-house
- 12-month warranty against manufacturing defects
- Item No. 1543732 can set all structural rivets including the Tigerbolt®

Size (Inches)	Pull Force	Stroke (Inches)	Weight (Lb.)	Item No.	Pkg. Qty.
3/32, 1/8, 5/32	1,850 lbsF at 90 psi	0.787	2.42	1543730 <sup>2</sup>	1
1/8, 5/32, 3/16	2,450 lbsF at 90 psi	0.787	3.3	1543731 <sup>2</sup>	1
5/32, 3/16, 1/4	3,400 lbsF at 90 psi	1.05	3.74	1543732 <sup>2</sup>	1

<sup>2</sup>Usually ships in 3 to 7 days

CAUTION: When operating always wear safety glasses to protect your eyes.



## Economy Series Rivet Tools



- Designed for low volume, non-production environments
- 6-month warranty against manufacturing defects
- Item No. 1543729 can also set structural rivets excluding the Tigerbolt®

Size (Inches)	Pull Force	Stroke (Inches)	Weight (Lb.)	Item No.	Pkg. Qty.
3/32, 1/8, 5/32, 3/16	1,980 lbsF at 90 psi	0.625	3.3	1543728 <sup>2</sup>	1
5/32, 3/16, 1/4	4,200 lbsF at 90 psi	0.687	4.3	1543729 <sup>2</sup>	1

<sup>2</sup>Usually ships in 3 to 7 days

CAUTION: When operating always wear safety glasses to protect your eyes.





# RIVET TOOLS – Cordless



## Freeset™ High-Performance Rivet Tool



Freeset™ tools with QuickDraw™ Technology are faster than high-end pneudraulic tools. They can detect when the rivet stem breaks and quickly reset without having to complete an entire stroke cycle. Freeset™ tools have a battery management system that prevents users from starting a job if the battery life is too low. This eliminates the risk of the tool shutting down mid-installation and not setting the rivet properly.

- 18V, 2.5 Ah Lithium Ion battery
- 12-month warranty against manufacturing defects

### Increased Efficiency

- QuickDraw™ Technology drastically increases tool speed
- Cordless tools use 99% less energy than air tools
- No pressure drops caused by compressors
- No maintenance of oilers
- No more supply line leaks

Size (Inches)	Pull Force (Lb.)	Stroke (Inches)	Weight (Lb.)	Item No.	Pkg. Qty.
1/8, 5/32, 3/16, 1/4	2,700	1	4	1551540 <sup>2</sup>	1

<sup>2</sup>Usually ships in 3 to 7 days

CAUTION: When operating always wear safety glasses to protect your eyes.



### Safer Work Environment

- Eliminates trip hazards
- Improved ergonomics – no hose to drag around
- No hoses to dirty or scratch painted or finished surfaces
- Improves air quality by eliminating oil emitted with the air

## Economy Series Rivet Tool



- Ideal for areas where pneumatic lines are not available
- Compact, lightweight design
- Designed with built-in mandrel collector
- 18V 2.0 Ah Lithium battery, cordless electric riveter
- Comes packaged with charger and battery pack in molded plastic carrying case for convenient field use
- Charge time: Approximately 60 minutes
- 6-month warranty against manufacturing defects

Size (Inches)	Pull Force (Lb.)	Stroke (Inches)	Weight (Lb.)	Item No.	Pkg. Qty.
1/8, 5/32, 3/16, 1/4	1,980	0.625	3.3	1543739 <sup>2</sup>	1

<sup>2</sup>Usually ships in 3 to 7 days

CAUTION: When operating always wear safety glasses to protect your eyes.

### Replacement Battery

Item No.	Qty.
1543740 <sup>2</sup>	1

<sup>2</sup>Usually ships in 3 to 7 days

## RiveDrill™ Rivet Tool



- The drill attachment that easily converts cordless, electric and pneumatic drills into rivet guns
- RiveDrill™ can be quickly inserted into a 3/8" reversible power drill and can set standard pull rivets up to 3/16"
- Rivet capacities:  
1/8", 5/32" and 3/16" for standard aluminum rivets;  
1/8" and 5/32" for standard steel rivets;  
1/8" for standard stainless steel rivets
- Hex shank size: 5/16"
- Weight: 0.618 lbs. (280g)
- Length: 5.5" (1,441mm)
- Dia.: 2.4" (60mm)
- Battery for cordless drills: 12V or larger

Description	Item No.	Pkg. Qty.
RiveDrill™ Rivet Tool	27814*	1
Replacement 1/8" Nosepiece	27815	1
Replacement 5/32" Nosepiece	27816	1
Replacement 3/16" Nosepiece	27817	1
Two-Piece Replacement Jaw Set	27865	1

\*Includes 1/8", 5/32" and 3/16" nosepieces, and complete operating instructions.



## Heavy-Duty Rivet and Rivetnut Tool



This tool has the ability to set both blind rivets and rivetnuts. The handles fold allowing the tool to be stored in a blow-molded case with all nosepieces and mandrels for ease of storage and transport.

- Rivet capacity: 1/8", 5/32", 3/16", 1/4"
- Nutsert® capacity: 8-32, 10-32, 1/4-20, 5/16-18, 3/8-16
- Tool length: 21"

### Kit contains:

1/8" through 1/4" rivet nosepieces  
 #8 through 3/8 rivet nut mandrels  
 Wrenches to change nosepieces and mandrels  
 Blow molded case



Item No.	Qty.
1543727	1

**CAUTION:** When operating always wear safety glasses to protect your eyes. Tool must eject spent rivet mandrel before setting next rivet.

## Heavy-Duty Rivet Tool



- One tool for all your heavy-duty rivet and structural rivet fastening requirements
- Comes supplied with 1/8", 3/16" and 1/4" nosepieces
- Additional nosepieces are available for setting structural rivets
- Tool length: 21"

Description	Item No.	Pkg. Qty.
Heavy-Duty Rivet Tool with Three Nosepieces	51898	1
Nosepiece for 3/16" Structural Rivets	51899	1
Nosepiece for 1/4" Structural Rivets	51900	1
Nosepiece for 1/4" DGW Automobile Door/Glass Rivets	51901	1
Nosepiece for Standard 3/32" Rivets	51902	1
Replacement Nosepiece for Standard 1/8" Rivets	51903	1
Nosepiece for Standard 5/32" Rivets	51904	1
Replacement Nosepiece for Standard 3/16" Rivets	51905	1
Replacement Nosepiece for Standard 1/4" Rivets	51906	1
Two-Piece Replacement Jaw Set	53290	1

## Hand Rivet Tool



- Includes nosepieces for setting 3/32", 1/8", 5/32" and 3/16" rivets
- Rivet capacity: 3/32", 1/8" and 5/32" (all materials); 3/16" (all materials, excluding high force or structural rivets)

NOTE: Will not set 3/16" stainless rivets

Item No.	Qty.
491	1

**CAUTION:** When operating always wear safety glasses to protect your eyes. Tool must eject spent rivet mandrel before setting next rivet.



# RIVET TOOLS – Manual

## 360° Swivel Head Hand Rivet Tool

- Swivel head allows riveting in any position
- High leverage handles for added power – sets rivets easily
- Extended steel construction for longer life
- Includes nosepieces for setting 3/32", 1/8", 5/32" and 3/16" rivets
- Rivet capacity: 3/32", 1/8" and 5/32" (all materials); 3/16" (all materials, excluding structural rivets)



Item No.	Qty.
54472	1

CAUTION: When operating always wear safety glasses to protect your eyes. Tool must eject spent rivet mandrel before setting next rivet.

## Hydraulic Installation Tool

- Assembled as a riveter – complete with four nosepieces for setting 1/8" and larger pull rivets, plastic rivets and 1/4" special body rivets
- Additional nosepieces are available for setting structural rivets and trim moulding rivets
- Easily converts to Nutsert® setting tool with appropriate conversion kit and adapter
- Easy access in tight areas
- Built-in detent system prevents overloading
- Three-piece jaw system for quick, easy mandrel release



Release button for re-gripping

### Adapter

### Replacement Jaw Set



Turn Nut

Master Shaft

Description	Item No.	Pkg. Qty.
Hydraulic Installation Tool with Four Nosepieces	95161	1
Three-Piece Replacement Jaw Set	62638	1
Replacement Nosepiece for 1/8" Pull Rivets	93413	1
Replacement Nosepiece for 5/32" and 3/16" Pull Rivets	93414	1
Replacement Nosepiece for 1/4" Pull Rivets and 5mm, 6.3mm and 6.63mm Plastic Rivets	93415	1
Nosepiece for 3/16" External Locking Structural Rivets	93416	1
Nosepiece for 1/4" External Locking Structural Rivets	93417	1
Replacement Nosepiece for Special 1/4" Automobile Door/Glass and Window Regulator Rivets	93418	1
Nosepiece for 1/8" Trim Moulding Rivets	93419	1
Adapter – Converts Hydraulic Installation Tool to Nutsert® Setting Tool	93421	1





## Freese™ High-Performance Lockbolt Tool NEW

Freese™ tools with QuickDraw™ Technology are faster than pneudraulic and hydraulic tools. They can detect when a Lockbolt breaks and quickly reset without having to complete an entire stroke cycle.

Freese™ tools have a battery management system that prevents users from starting a job if the battery life is too low. This eliminates the risk of the tool shutting down mid-installation and not setting the lockbolt properly.

- 18V, 2.5 Ah Lithium Ion battery
- 12-month warranty against manufacturing defects
- Tool does not come supplied with nosepieces – they must be ordered separately

### Increased Efficiency

- QuickDraw™ Technology drastically increases tool speed
- Cordless tools use 99% less energy than air tools
- No pressure drops caused by compressors
- No maintenance of oilers
- No more supply line leaks

Size (Inches)	Pull Force (Lb.)	Stroke (Inches)	Weight	Item No.	Pkg. Qty.
3/16, 1/4	4,000	1	5 Lb.	<b>1551539<sup>2</sup></b>	1

<sup>2</sup>Usually ships in 3 to 7 days

CAUTION: When operating always wear safety glasses to protect your eyes.



### Safer Work Environment

- Eliminates trip hazards
- Improved ergonomics – no hose to drag around
- No hoses to dirty or scratch painted or finished surfaces
- Improves air quality by eliminating oil emitted with the air

## Multi-Grip Lockbolt Nosepieces

Size (Inches)	Item No.	Pkg. Qty.
3/16	<b>1543737<sup>2</sup></b>	1
1/4	<b>1543738<sup>2</sup></b>	1

<sup>2</sup>Usually ships in 3 to 7 days

## Back-Up Washers

- Use when fastening soft materials or to compensate for oversized holes where access to both sides of the work is possible



Material	Rivet Size (Inches)	Shape	O.D. (Inches)	Thickness (Inches)	Item No.	Pkg. Qty.
Steel	3/32	Square	1/2	0.063	<b>85245</b>	100
	1/8	Square	1/2	0.063	<b>85246</b>	100
	1/8	Round	3/8	0.063	<b>85249</b>	100
	3/16	Square	1/2	0.063	<b>85248</b>	100
	3/16	Round	1/2	0.063	<b>85250</b>	100
Aluminum	1/8	Round	3/8	0.063	<b>85251</b>	100
	5/32	Round	7/16	0.063	<b>85252</b>	100
	3/16	Round	1/2	0.063	<b>85253</b>	100

## Countersunk Rivet Drill For 1/8" Countersunk Rivets



- Drills and countersinks in one operation
- Double-ended for double life

Item No.	Qty.
<b>493</b>	1





# **STANDARD PRE-PLANNED ASSORTMENTS**

# STANDARD PRE-PLANNED ASSORTMENTS



Photos Not Actual Size

## Rivet Starter Kit

### Kit Contains:

Hand Rivet Tool with four nosepieces (Item No. 491)

100 each of the following three sizes of pull rivets:

1/8" steel, grip range 0.063" - 0.125" (Item No. 480)

1/8" aluminum, grip range 0.063" - 0.125" (Item No. 1965)

1/8" steel with 120° countersunk flange, grip range 0.188" - 0.250" (Item No. 488)

Molded plastic case and a service tool.



Item No.	Qty.
97046	1

KL913 15 Items, 1,500 Pieces

SERVICED ONLY BY  KENT AUTOMOTIVE				888-937-5368	
KL913 Open End Rivets – Aluminum Body/Aluminum Mandrel				PHOTOS ACTUAL	
1	 1965	2	 1966	3	 82336
 1/8" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.063 – 0.125 Grip Range 0.129 – 0.133 Hole Size		 1/8" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.188 – 0.250 Grip Range 0.129 – 0.133 Hole Size		 1/8" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.376 – 0.500 Grip Range 0.129 – 0.133 Hole Size	
4	 1969	5	 483	6	 484
 5/32" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.188 – 0.250 Grip Range 0.160 – 0.164 Hole Size		 3/16" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.020 – 0.125 Grip Range 0.192 – 0.196 Hole Size		 3/16" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.188 – 0.250 Grip Range 0.192 – 0.196 Hole Size	
7	 489	8	 485	9	 82338
 3/16" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.251 – 0.375 Grip Range 0.192 – 0.196 Hole Size		 3/16" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.376 – 0.500 Grip Range 0.192 – 0.196 Hole Size		 3/16" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.501 – 0.625 Grip Range 0.192 – 0.196 Hole Size	
10	 1973	11	 490	12	 82353
 1/8" Dia. Large Flange Aluminum Body/Aluminum Mandrel 0.188 – 0.250 Grip Range 0.129 – 0.133 Hole Size		 3/16" Dia. Large Flange Aluminum Body/Aluminum Mandrel 0.251 – 0.375 Grip Range 0.192 – 0.196 Hole Size		 3/16" Dia. Large Flange Aluminum Body/Aluminum Mandrel 0.376 – 0.500 Grip Range 0.192 – 0.196 Hole Size	
13	 82354	14	 85251	15	
 3/16" Dia. Large Flange Aluminum Body/Aluminum Mandrel 0.501 – 0.625 Grip Range 0.192 – 0.196 Hole Size		 Back-Up Washer 1/8 Dia. Round Aluminum		 Back-Up Washer 3/16 Dia. Round Aluminum	

KA16 Confidential Material, Reproduction, In Whole Or In Part, Prohibited.

NOTE: Bottom of backplate represents front of LP drawer. Printed in U.S.A. (02/18)

USA: 888.937.5368 | Canada: 800.563.1717 | kent-automotive.com

V40

ASSORTMENTS

N14-3



# STANDARD PRE-PLANNED ASSORTMENTS

Photos Not Actual Size

KL914 15 Items, 1,500 Pieces

SERVICED ONLY BY KENT AUTOMOTIVE

888-937-



KL914		Open End Rivets – Aluminum Body/Steel Mandrel		PHOTOS ACTUAL
1  1949  1/8" Dia. Dome Head Aluminum Body/Steel Mandrel 0.063 – 0.125 Grip Range 0.129 – 0.133 Hole Size	2  1950  1/8" Dia. Dome Head Aluminum Body/Steel Mandrel 0.188 – 0.250 Grip Range 0.129 – 0.133 Hole Size	3  1951  1/8" Dia. Dome Head Aluminum Body/Steel Mandrel 0.313 – 0.375 Grip Range 0.129 – 0.133 Hole Size	4  41620  5/32" Dia. Dome Head Aluminum Body/Steel Mandrel 0.126 – 0.187 Grip Range 0.160 – 0.164 Hole Size	
5  1953  5/32" Dia. Dome Head Aluminum Body/Steel Mandrel 0.188 – 0.250 Grip Range 0.160 – 0.164 Hole Size	6  1954  5/32" Dia. Dome Head Aluminum Body/Steel Mandrel 0.251 – 0.375 Grip Range 0.160 – 0.164 Hole Size	7  1956  3/16" Dia. Dome Head Aluminum Body/Steel Mandrel 0.188 – 0.250 Grip Range 0.192 – 0.196 Hole Size	8  1957  3/16" Dia. Dome Head Aluminum Body/Steel Mandrel 0.251 – 0.375 Grip Range 0.192 – 0.196 Hole Size	
9  1958  3/16" Dia. Dome Head Aluminum Body/Steel Mandrel 0.376 – 0.500 Grip Range 0.192 – 0.196 Hole Size	10  85109  1/4" Dia. Dome Head Aluminum Body/Steel Mandrel 0.376 – 0.500 Grip Range 0.257 – 0.261 Hole Size	11  1961  1/8" Dia. Large Flange Aluminum Body/Steel Mandrel 0.188 – 0.250 Grip Range 0.129 – 0.133 Hole Size	12  1962  3/16" Dia. Large Flange Aluminum Body/Steel Mandrel 0.251 – 0.375 Grip Range 0.192 – 0.196 Hole Size	
13  82350  3/16" Dia. Large Flange Aluminum Body/Steel Mandrel 0.376 – 0.500 Grip Range 0.192 – 0.196 Hole Size	14  85251  Back-Up Washer 1/8 Dia. Round Aluminum	15  85253  Back-Up Washer 3/16 Dia. Round Aluminum		

KA16 Confidential Material, Reproduction, In Whole Or In Part, Prohibited.

NOTE: Bottom of backplate represents front of LP drawer. Printed in U.S.A. (02/18)

KL915 14 Items, 1,400 Pieces

SERVICED ONLY BY KENT AUTOMOTIVE

888-937-



KL915		Open End Rivets – Steel Body/Steel Mandrel		PHOTOS ACTUAL
1  488  1/8" Dia. 120° Countersunk Head Steel Body/Steel Mandrel 0.188 – 0.250 Grip Range 0.129 – 0.133 Hole Size	2  480  1/8" Dia. Dome Head Steel Body/Steel Mandrel 0.063 – 0.125 Grip Range 0.129 – 0.133 Hole Size	3  481  1/8" Dia. Dome Head Steel Body/Steel Mandrel 0.188 – 0.250 Grip Range 0.129 – 0.133 Hole Size	4  1940  1/8" Dia. Dome Head Steel Body/Steel Mandrel 0.313 – 0.375 Grip Range 0.129 – 0.133 Hole Size	
5  486  3/16" Dia. Dome Head Steel Body/Steel Mandrel 0.188 – 0.250 Grip Range 0.192 – 0.196 Hole Size	6  487  3/16" Dia. Dome Head Steel Body/Steel Mandrel 0.251 – 0.375 Grip Range 0.192 – 0.196 Hole Size	7  1945  3/16" Dia. Dome Head Steel Body/Steel Mandrel 0.376 – 0.500 Grip Range 0.192 – 0.196 Hole Size	8  85100  1/4" Dia. Dome Head Steel Body/Steel Mandrel 0.251 – 0.375 Grip Range 0.257 – 0.261 Hole Size	
9  85101  1/4" Dia. Dome Head Steel Body/Steel Mandrel 0.376 – 0.500 Grip Range 0.257 – 0.261 Hole Size	10  479  1/8" Dia. Large Flange Steel Body/Steel Mandrel 0.063 – 0.125 Grip Range 0.129 – 0.133 Hole Size	11  1947  1/8" Dia. Large Flange Steel Body/Steel Mandrel 0.188 – 0.250 Grip Range 0.129 – 0.133 Hole Size	12  1948  3/16" Dia. Large Flange Steel Body/Steel Mandrel 0.251 – 0.375 Grip Range 0.192 – 0.196 Hole Size	
13  85249  Back-Up Washer 1/8 Dia. Round Steel	14  85250  Back-Up Washer 3/16 Dia. Round Steel	15  85250  Back-Up Washer 3/16 Dia. Round Steel	16  85250  Back-Up Washer 3/16 Dia. Round Steel	

KA16 Confidential Material, Reproduction, In Whole Or In Part, Prohibited.

NOTE: Bottom of backplate represents front of LP drawer. Printed in U.S.A. (02/18)

# STANDARD PRE-PLANNED ASSORTMENTS



Photos Not Actual Size

KL911 12 Items, 1,200 Pieces

**SERVICED ONLY BY KENT AUTOMOTIVE**

**888-937- NEW**

**KL911 Multi-Grip Rivets**

<p>1</p> <p>1543584</p> <p>1/8" Dia. 120° Countersunk Head Aluminum Body/Steel Mandrel 0.093 – 0.250 Grip Range 0.129 – 0.138 Hole Size</p>	<p>2</p> <p>1543586</p> <p>3/16" Dia. 120° Countersunk Head Aluminum Body/Steel Mandrel 0.062 – 0.312 Grip Range 0.192 – 0.200 Hole Size</p>	<p>3</p> <p>1543592</p> <p>3/16" Dia. Large Flange Aluminum Body/Steel Mandrel 0.062 – 0.250 Grip Range 0.192 – 0.200 Hole Size</p>	<p>4</p> <p>1983</p> <p>3/16" Dia. Large Flange Aluminum Body/Steel Mandrel 0.250 – 0.500 Grip Range 0.192 – 0.200 Hole Size</p>
<p> 1984</p> <p>3/16" Dia. Large Flange Aluminum Body/Steel Mandrel 0.500 – 0.781 Grip Range 0.192 – 0.200 Hole Size</p>	<p> 1978</p> <p>1/8" Dia. Dome Head Aluminum Body/Steel Mandrel 0.020 – 0.187 Grip Range 0.129 – 0.138 Hole Size</p>	<p> 1979</p> <p>1/8" Dia. Dome Head Aluminum Body/Steel Mandrel 0.156 – 0.312 Grip Range 0.129 – 0.138 Hole Size</p>	<p> 1980</p> <p>5/32" Dia. Dome Head Aluminum Body/Steel Mandrel 0.040 – 0.250 Grip Range 0.161 – 0.169 Hole Size</p>
<p> 1981</p> <p>3/16" Dia. Dome Head Aluminum Body/Steel Mandrel 0.062 – 0.250 Grip Range 0.192 – 0.200 Hole Size</p>	<p> 1982</p> <p>3/16" Dia. Dome Head Aluminum Body/Steel Mandrel 0.187 – 0.437 Grip Range 0.192 – 0.200 Hole Size</p>	<p> 1543599</p> <p>3/16" Dia. Dome Head Aluminum Body/Steel Mandrel 0.250 – 0.500 Grip Range 0.192 – 0.200 Hole Size</p>	<p> 1543601</p> <p>3/16" Dia. Dome Head Aluminum Body/Steel Mandrel 0.500 – 0.750 Grip Range 0.192 – 0.200 Hole Size</p>

KA13 Confidential Material. Reproduction, In Whole Or In Part, Prohibited. NOTE: Bottom of backplate represents front of LP drawer. Printed in U.S.A. (02/18)

## Multi-Grip Rivets

8 Items, 3,600 Pieces

- Diameters: 1/8" and 3/16"
- Grip Range: 0.062" – 0.781"



Item No.	Qty.
<b>CT3001</b>	1

<p><b>1543587</b> 3/16" Dia. Aluminum/Steel Multi-Grip Rivets Countersunk Head Grip Range: 0.062" – 0.312" (500)</p>	<p><b>1543592</b> 3/16" Dia. Aluminum/Steel Multi-Grip Rivets Large Flange Grip Range: 0.062" – 0.250" (300)</p>	<p><b>1543593</b> 3/16" Dia. Aluminum/Steel Multi-Grip Rivets Large Flange Grip Range: 0.250" – 0.500" (500)</p>
<p><b>1543594</b> 3/16" Dia. Aluminum/Steel Multi-Grip Rivets Large Flange Grip Range: 0.500" – 0.781" (500)</p>	<p><b>1979</b> 1/8" Dia. Aluminum/Steel Multi-Grip Rivets Dome Head Grip Range: 0.156" – 0.312" (300)</p>	<p><b>1543597</b> 3/16" Dia. Aluminum/Steel Multi-Grip Rivets Dome Head Grip Range: 0.062" – 0.250" (500)</p>
<p><b>1543600</b> 3/16" Dia. Aluminum/Steel Multi-Grip Rivets Dome Head Grip Range: 0.250" – 0.500" (500)</p>	<p><b>1543602</b> 3/16" Dia. Aluminum/Steel Multi-Grip Rivets Dome Head Grip Range: 0.500" – 0.750" (500)</p>	

## Multi-Grip Lockbolts

6 Items, 1,600 Pieces

- Diameters: 3/16" and 1/4"
- Grip Range: 0.062" – 1.250"



Item No.	Qty.
<b>CT3002</b>	1

<p><b>1543689</b> 3/16" Dia. Carbon Steel Multi-Grip Lockbolt Collars Standard (400)</p>	<p><b>1543701</b> 3/16" Dia. Steel Rivet Head Multi-Grip Lockbolt Pins Short Rivet Head (200)</p>	<p><b>1543703</b> 3/16" Dia. Steel Rivet Head Multi-Grip Lockbolt Pins Long Rivet Head (200)</p>
<p><b>1543691</b> 1/4" Dia. Carbon Steel Multi-Grip Lockbolt Collars Standard (400)</p>	<p><b>1543705</b> 1/4" Dia. Steel Rivet Head Multi-Grip Lockbolt Pins Short Rivet Head (200)</p>	<p><b>1543707</b> 1/4" Dia. Steel Rivet Head Multi-Grip Lockbolt Pins Long Rivet Head (200)</p>



# STANDARD PRE-PLANNED ASSORTMENTS

Photos Not Actual Size

KL912 8 Items, 400 Pieces

SERVICED ONLY BY KENT AUTOMOTIVE

888-937-



KL912 Structural Rivets – Internal Locking			
<p>1</p> <p>1543638</p> <p>3/16" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.062 – 0.437 Grip Range 0.191 – 0.201 Hole Size</p>	<p>2</p> <p>90483</p> <p>1/4" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.080 – 0.375 Grip Range 0.261 – 0.276 Hole Size</p>	<p>3</p> <p>1543640</p> <p>1/4" Dia. Dome Head Aluminum Body/Aluminum Mandrel 0.080 – 0.625 Grip Range 0.261 – 0.276 Hole Size</p>	<p>4</p> <p>1543644</p> <p>1/4" Dia. Dome Head Stainless Steel Body/Stainless Steel Mandrel 0.080 – 0.375 Grip Range 0.261 – 0.276 Hole Size</p>
<p>1543645</p> <p>1/4" Dia. Dome Head Stainless Steel Body/Stainless Steel Mandrel 0.080 – 0.625 Grip Range 0.261 – 0.276 Hole Size</p>	<p>90478</p> <p>3/16" Dia. Dome Head Steel Body/Steel Mandrel 0.062 – 0.437 Grip Range 0.194 – 0.204 Hole Size</p>	<p>90481</p> <p>1/4" Dia. Dome Head Steel Body/Steel Mandrel 0.080 – 0.375 Grip Range 0.261 – 0.276 Hole Size</p>	<p>90482</p> <p>1/4" Dia. Dome Head Steel Body/Steel Mandrel 0.080 – 0.625 Grip Range 0.261 – 0.276 Hole Size</p>

KA13 Confidential Material, Reproduction, In Whole Or In Part, Prohibited.

NOTE: Bottom of backplate represents front of LP drawer. Printed in U.S.A. (02/18)

# DELIVERING OEM-QUALITY PRODUCTS IS JUST THE BEGINNING.

## We're Your Partner In Profitability.

### Optimized Inventory Management

Kent Automotive's optimized inventory management ensures the products you need are on-hand and stocked according to your usage by your Kent Representative. Plus, we guarantee a smooth transition at no cost to you, including free bins and cabinets.



### Profit-Enhancing Tools

Our proprietary PROS Profit Enhancement Tool<sup>®</sup> interfaces seamlessly with the CCC ONE<sup>®</sup> Management System and turns your collision repair cost center into a profit center by enabling you to charge for consumable repair products. Service departments have access to Kent Automotive's products and pricing through our affiliations with industry leading dealer management systems.



### Complimentary In-Shop Clinics and I-CAR<sup>®</sup> Certification

Kent Automotive offers in-shop training for your technicians to ensure the correct, cost-effective use of all Kent products. Kent is also a member of the I-CAR<sup>®</sup> Industry Training Alliance<sup>®</sup> program, offering hands-on training in your shop and on your schedule.



Our Estimating and Price Retrieval Partners Include:



Proud Member:



I-CAR<sup>®</sup> Industry Training Alliance<sup>®</sup>

Our Dealer Management Partners Include:



Kent Automotive's standard terms and conditions are published at [kent-automotive.com](http://kent-automotive.com)



# DELIVERING OEM-QUALITY PRODUCTS IS JUST THE BEGINNING. We're Your Partner in Profitability.

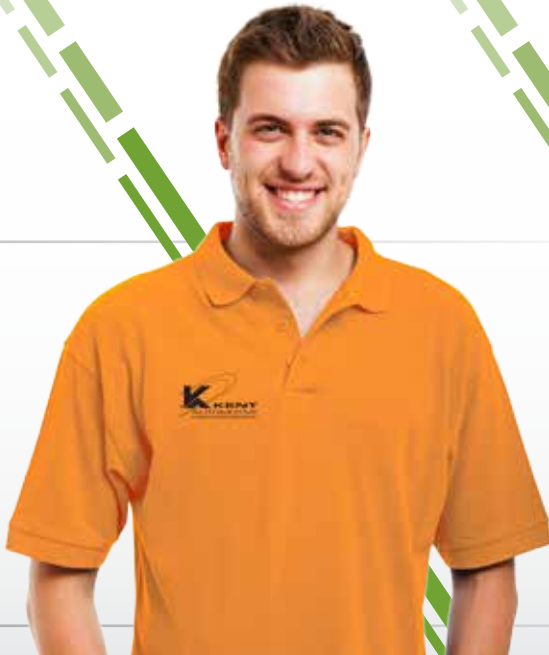
Contact us today for a complimentary shop assessment or to place an order.

## ORDERING IS EASY

8770 W. Bryn Mawr Ave., Suite 900, Chicago, IL 60631-3515  
© 2018 Kent Automotive. All rights reserved. Printed in the USA.

### On-Site

Your Kent Representative



### Online

[kent-automotive.com](http://kent-automotive.com)



### On The Phone

USA: 888.YES.KENT (888.937.5368)  
Canada: 800.563.1717

