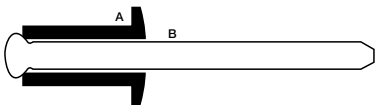
POP® Blind Riveting Systems

POP is the world acknowledged leader in blind rivet fastening technology, and POP rivet tools are the state-of-the-art in design, performance and durability. In addition to being the industry's original manufacturer and pioneer, POP is constantly updating and improving its complete product line to keep pace with rapidly advancing automotive markets and the increasing needs of today's automotive service professionals

POP rivets are more effective and practical than other fastening methods such as welding, sheet metal screws, nuts and bolts, solid rivets and adhesives. They are ideal for repairs where access is limited to one side only. No surface preparation is required. The job can be done with no special skills. Almost any material can be fastened with POP rivets, especially plastics and sheet metal. The results are uniform and vibration proof.

Installation

POP rivets consist of two parts: **(A) rivet body** and **(B) setting mandrel**. In operation, the mandrel is pulled back to expand the rivet body and form a tight vibration-free fastener. The mandrel breaks off automatically after the rivet is set.



1. After selecting the proper rivet, drill a hole corresponding to the diameter of the rivet through the materials to be fastened. When using counter-sunk head rivets a 120° countersunk bit is required. Use POP Part No. 60928 for countersink drilling.
2. Open the handle of the rivetool and insert the rivet mandrel in the nosepiece of the tool.
3. Place the rivet body in the predrilled hole. Then squeeze the rivetool handles until the rivet mandrel breaks off.

Automotive repair, shop use

POP rivets provide an effective, high strength fastening technique. They're ideal for structural repairs, body and collision work, modifications, parts and accessory mounting and countless in-shop and miscellaneous applications. The use of rivets in automotive assembly has increased significantly because of their strength and ease of use.

Choose power or manual

POP's rivet fastening system is one of the most versatile you can buy. It requires minimal capital investment and inventory. The rivets can be installed manually or by power tools. They're designed for simple operation and ease of use.

Wide application range

POP offers a complete range of rivets to meet almost every automotive, marine, small engine, hardware and shop application. POP rivets are available in various materials, types, sizes and styles for all types of fastening from plastics to dissimilar metals to pressure tight sealing.

RIVET MATERIALS

In order to meet a variety of requirements for strength, corrosion and rust considerations and application materials, POP rivets are offered in specific materials and material combinations.

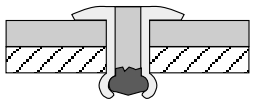
TYPE	APPLICATION
All Steel	**High strength:** use with steel
Aluminum	**Lightweight**: Use with aluminum, areas susceptible to rust & corrosion
Alum./Steel	Combines features of both materials
All Stainless	Very high striength: Use with stainless & steel. Prevents corrosion or rust.
Stainless/Steel	**Very high strength.** Applications where corrosion resistance is not a major factor.
Copper	Electrical conductivity

TYPES & STYLES

Rivet Types

There are three basic rivet types available for automotive use.

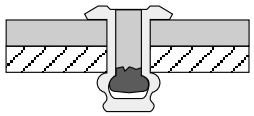
Open End



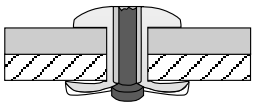
Designed for a wide range of applications, they resemble conventional tubular rivets when set, but retain the mandrel within the rivet body for added strength. Open end rivets are available in a variety of materials in dome, countersunk or large flange head styles.

Closed End

Specially configured with a cup shaped end that forms a tight seal, POP closed end rivets are much stronger than open end rivets. They are available in dome and countersunk head styles.



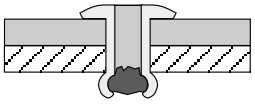
T-Rivets



Made for structural and high stress applications. They feature a hardened steel mandrel which splits the rivet body into a trifurcated shape. This provides high clamping strength even in thin or fragile material.

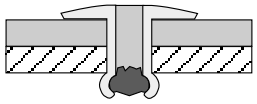
Head Styles

Dome Head



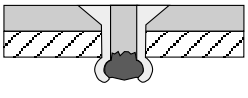
Low profile design and neat appearance, this style is very versatile and most commonly used. The head size is twice the diameter of the rivet body. It provides enough bearing surface for all applications except soft or brittle material.

Large Flange



Features twice the under-head bearing surface as the dome style. It's ideal for fastening soft or brittle materials to a rigid backing surface.

Countersunk



Designed with a 120° head profile for flush surface mounting applications.

Rivet Ordering Information

Rivet Dia.	Head Dia.	Grip Range	Aluminum Rivet Aluminum Mandrel			Aluminum Rivet Steel Mandrel			Copper Rivet Steel Mandrel		
			Code No.	100 pc. Shop Pack No.	500 pc. Pro Pack No.	Code No.	100 pc. Shop Pack No.	500 pc. Pro Pack No.	Code No.	100 pc. Shop Pack No.	500 pc. Pro Pack No.
OPEN END RIVETS											
33/32	3/16	Up to 1/8	AD32-A	59470	60470	AD32	59503	60503			
	3/16	1/8 to 1/4	AD34-A	59471	60471	AD34	59504	60504			
	1/4	1/32 to 1/16	AD41-A	59472	60472	AD41	59505	60505			
	1/4	1/16 to 1/8	AD42-A	59473	60473	AD42	59506	60506	CD42	59571	60571
	.220	1/16 to 1/8	AK42-A	59474	60474	AK42	59507	60507			
	3/8	1/16 to 1/8	ADL42-A	59475	60475	ADL42	59508	60508			
	1/4	1/8 to 3/16	AD43-A	59476	60476	AD43	59509	60509			
	.220	1/8 to 3/16				AK43	59510	60510			
1/8	1/4	3/16 to 1/4	AD44-A	59477	60477	AD44	59511	60511	CD44	59572	60572
	.220	3/16 to 1/4				AK44	59512	60512			
	3/8	3/16 to 1/4	ADL44-A	59478	60478	ADL44	59513	60513			
	1/4	1/4 to 5/16	AD45-A	59479	60479	AD45	59514	60514			
	1/4	5/16 to 3/8	AD46-A	59480	60480	AD46	59515	60515			
	1/4	3/8 to 1/2	AD48-A	59481	60481	AD48	59516	60516			
	5/16	1/16 to 1/8	AD52-A	59482	60482	AD52	59517	60517			
	5/16	1/8 to 3/16	AD53-A	59483	60483	AD53	59518	60518			
5/32	5/16	3/16 to 1/4	AD54-A	59484	60484	AD54	59519	60519			
	5/16	1/4 to 3/8	AD56-A	59485	60485	AD56	59520	60520			
	5/16	3/8 to 1/2	AD58-A	59486	60486	AD58	59521	60521			
	3/8	1/16 to 1/8	AD62-A	59487	60487	AD62	59522	60522			
	3/8	1/8 to 1/4	AD64-A	59488	60488	AD64	59523	60523			
	5/8	1/8 to 1/4	ADL64-A	59489	60489	ADL64	59524	60524			
	3/8	1/4 to 3/8	AD66-A	59490	60490	AD66	59525	60525			
	5/8	1/4 to 3/8	ADL66-A	59491	60491	ADL66	59526	60526			
3/16	3/8	3/8 to 1/2	AD68-A	59492	60492	AD68	59527	60527			
	5/8	3/8 to 1/2	ADL68-A	59493	60493	ADL68	59528	60528			
	3/8	1/2 to 5/8	AD610-A	59494	60494	AD610	59529	60529			
	5/8	1/2 to 5/8	ADL610-A	59495	60495	ADL610	59530	60530			
	3/8	5/8 to 3/4	AD612-A	59496	60496	AD612	59531	60531			
	5/8	5/8 to 3/4	ADL612-A	59497	60497	ADL612	59532	60532			
	1/2	1/16 to 1/4	AD84-A	59498	60498	AD84	59533	60533			
1/4	1/2	1/4 to 3/8	AD86-A	59499	60499	AD86	59534	60534			
	1/2	3/8 to 1/2				AD88	59535	60535			
	1/2	5/8 to 3/4	AD812-A	59500	60500	AD812	59536	60536			
CLOSED END RIVETS											
	.236	1/16 to 1/8	AD42AH	59620	60620	AD42H	59590	60590			
	.236	1/8 to 3/16				AD43H	59604	60604			
	.236	3/16 to 1/4	AD44AH	59621	60621	AD44H	59592	60592			
1/8	.236	3/16 to 1/4				AK44H	59593	60593			
	.236	1/4 to 5/16				AD45H	59608	60608	CD45H	59644	60644
	.236	3/8 to 1/2				AD48H	59595	60595			
	5/16	1/16 to 1/8				AD52H	59596	60596			
	5/16	1/8 to 3/16				AD53H	59609	60609			
5/32	5/16	1/8 to 3/16				AK53H	59607	60607			
	5/16	1/16 to 1/4	AD54AH	59622	60622						
	5/16	3/16 to 5/16				AD55H	59597	60597			
	3/8	1/8 to 1/4	AD64AH	59624	60624	AD64H	59599	60599			
3/16	3/8	1/4 to 3/8				AD66H	59605	60605			
	3/8	3/8 to 1/2				AD68H	59601	60601			
1/4	1/2	1/8 to 1/4				AD84H	59606	60606			
	1/2	1/4 to 3/8				AD86H	59603	60603			
T-RIVETS											
	.510	1/32 to 9/64				AD8140-T	59580	60580			
1/4	.510	9/64 to 3/16				AD8187-T	59581	60581			
	.510	33/64 to 5/8				AD8620-T	59582	60582			

BACK-UP PLATES

			100 pc. Shop Pack	Thrift Packs	
Hole Size	Material	Code No.	Part No.	Part No.	Qty./Pkg.
1/8	Steel	SBUP-4	59660	57660	40
1/8	Aluminum	ABUP-4	59661	57661	30
3/16	Aluminum	ABUP-6	59662	57662	30

In order to select the proper rivet for your application, follow the procedure below:

1. **Select rivet type according to application material and holding strength required. (Refer to Rivet Types, Page 17.)**
2. **Choose rivet head style best suited for your application. (See Head Styles, Page 17.)**
3. **Measure joint thickness to determine correct rivet length (Grip Range).**
4. **Select proper rivet diameter according to recommendations for hole size and strength required. (Larger rivets provide more strength.)**