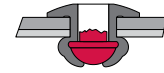


Rivet Types



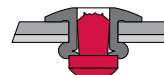
Break Stem Open

General purpose open rivet available in wide range of materials and head styles. Suitable for applications with normal load bearing requirements.



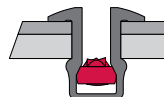
Vgrip™

High performance, Multi-Grip rivet with excellent clamp properties and a wide blind side spread. Also features a positively retained mandrel head and grooved stem for optimum tool jaw life.



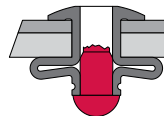
Closed End

Designed with a completely closed body, this rivet is ideal for applications that need to be water/pressure tight or where mandrel retention is paramount.



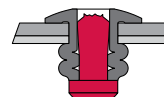
LSR (Load Spreading Rivet)

Load spreading characteristics make this rivet ideal for use in vulnerable, friable and the softest of materials.



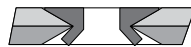
MGR (Multi-Grip Rivet)

The Multi-Grip rivet is designed to accommodate a wider grip range than other rivets allowing for lower inventory levels. Also provides good, rattle free, joint construction even in irregular holes.



FSR (Flush Setting Rivet)

Open rivet that sets flush on both sides of the application when set into a double countersunk hole. This space saving rivet offers near zero protrusion and eliminates loose mandrels.



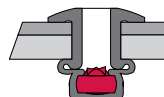
Peel

Ideal for joining softer and more brittle materials such as plastics, rubber, wood, GFRP or laminates.



TVD

This unique closed end stainless steel range provides additional support to assemblies where weak or thin blind side materials are present.



Rivet Types



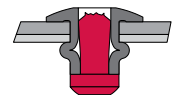
T-Rivet

The T-Rivet offers all the features of a peel rivet with the added benefit of pull-up. Improved shear strength is also achieved due to mandrel head retention after setting.



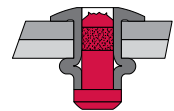
F Series

F series provides excellent hole fill for superior vibration resistance combined with a locked, rattle free mandrel that results in great joint construction.



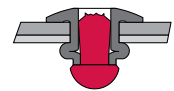
HS (High Strength)

The POP® rivet with the strength of an M6 Bolt also provides excellent claim properties, a positively retained mandrel head and wide blind side expansion.



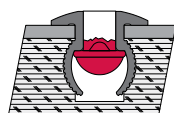
HR (High Retention)

Exceptional pull-up capability and increased blind side expansion give the perfect combination for overcoming air gaps whilst spreading the load during setting. Excellent mandrel retention and rattle resistance after setting.



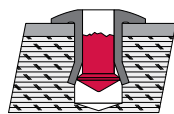
Grooved

Aluminium rivet for fixing into wood and other soft/fibrous base materials. Suitable for use in blind non-through holes.



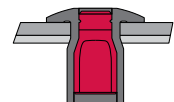
STR

This steel rivet has a peeling body ideal for use in wood and providing high resistance to pull out loads and mandrel head retention.



Ultra-Grip

Ultra-Grip (UG) Structural POP® Rivets offer high shear strength across wide grip ranges. The product also features excellent pull-up capability, provides hole filling and the resultant set product is rattle free.



Rivet Materials

POP® Rivets are available in Steel, Stainless Steel, Nickel Copper Alloy, Copper and several grades of Aluminium to meet the requirements of a wide variety of applications.



Rivet Material Selection

Generally the rivet selected should have the same physical and mechanical properties as the components to be joined.

ALUMINIUM 3.5% Magnesium Alloy (AlMg 3,5)	General purpose use
ALUMINIUM 2.5% Magnesium Alloy (AlMg 2,5)	Softer setting aluminium suitable for more vulnerable materials
99.5% ALUMINIUM	Malleable aluminium suitable for extremely soft and/or brittle materials
ALUMINIUM 5.0% Magnesium Alloy (AlMg 5,0)	Harder aluminium suitable for applications requiring higher shear and tensile strengths
STEEL	General purpose use
STAINLESS STEEL	Suitable for applications in hostile or clinical environments
NICKEL COPPER ALLOY	Suitable for extremely hostile and high temperature environments
COPPER	Provides good electrical and thermal conductivity