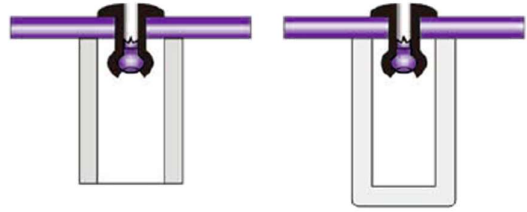
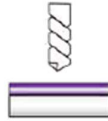


How to select the right blind rivet.

Drill Hole

Select proper size of drilling diameter.

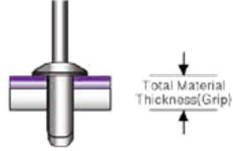


(A) straight hole

(B) Blind hole

Length

Select rivet length per thickness of fastened material.

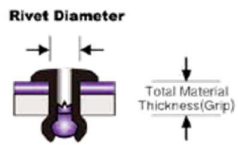


Fastening in a Blind Hole

Blind rivets may be set in a blind hole or milled slot. The success of this depends on the material of the parts to be riveted and the material of the rivet.

Blind Rivet Diameter and Material

Select rivets in right diameter and material per mechanics and compatibility of fastened material.



(A) Bad

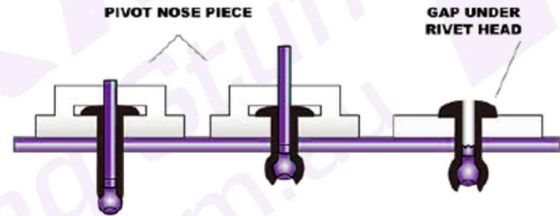
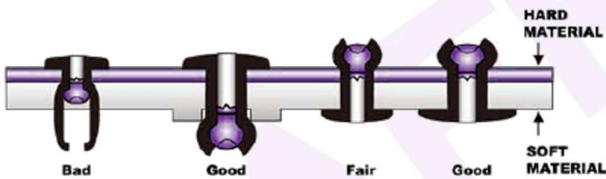
(B) Good

Gap Fastening

Avoid riveting unsupported internal sections which may result in collapsing, dimpling or buckling the material.

Hard to Soft Materials

The following illustration is a guide for using standard blind rivets to fasten hard materials to soft materials.



Pivot Fastening

When the fastened part must rotate on the rivet, a "Pivot Style" nosepiece on the rivet tool may be necessary to provide a small gap under the rivet head.

Channel material

A. If the nose housing of the tool is too large in diameter to reach the bottom of a channel, use a long nosepiece on the tool.

B. Install the rivet from the opposite side.



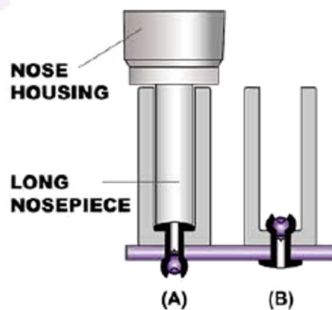
(A) Soft Set

(B) Large Flange

(C) Bulb Tite



EXTEND



(A)

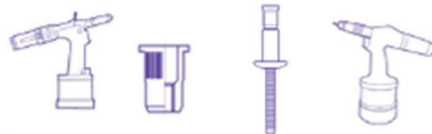
(B)

Riveting Plastic material Select

A. "Soft Set" aluminum blind rivets.

B. "Large Flange" blind rivets.

C. "Bulb Tite" blind rivets.



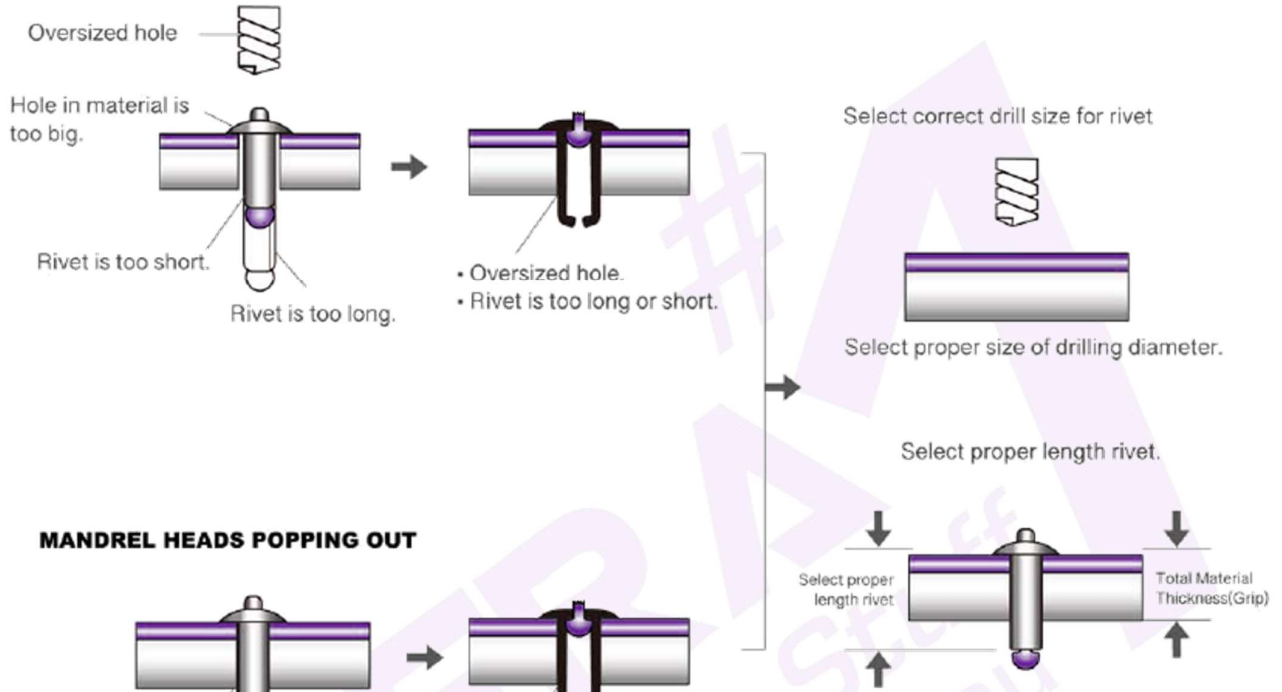
How to select the right blind rivet.

Possible Cause

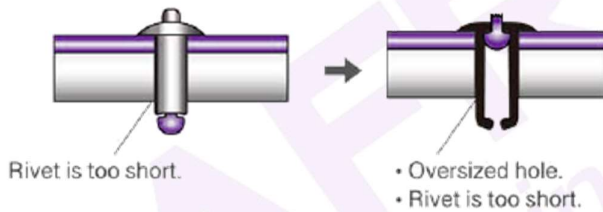
Problems

Suggested Solutions

JOINT FAILURE/ RIVET LOOSE IN ASSEMBLY



MANDREL HEADS POPPING OUT



RIVET SHEARING

