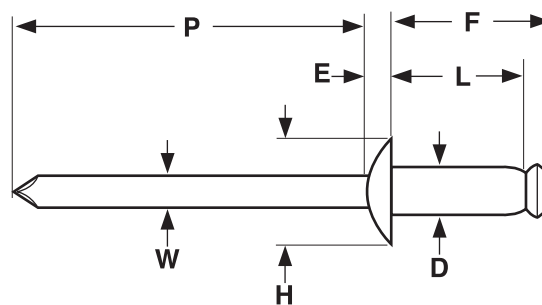


# RIVETS

## BLIND, DOME HEAD

Copper Rivet  
Steel Mandrel



COPPER BODY / STEEL MANDREL, DOME HEAD BREAK-STEM BLIND RIVETS									SAE J-1200	
Nominal Rivet Diameter	D		H		E	W	P	F	Mandrel Break Load	
	Rivet Shank Diameter		Head Diameter		Head Height	Mandrel Diameter	Mandrel Protrusion	Blind Side Protrusion		
	Max	Min	Max	Min	Max	Nom	Min	Max	Max	Min
1/8	0.128	0.122	0.262	0.238	0.040	0.076	1.00	L + 0.120	600	400

<b>Description</b>	A copper blind fastener with a self-contained steel mandrel which is otherwise designed identically to an aluminum rivet with a steel mandrel. The head of the rivet body is slightly rounded and twice as wide as the body diameter.
<b>Applications/ Advantages</b>	Dome head is the only head style in which the copper rivet is offered. Copper rivets are not subject to tensile or shear strength testing, but meet the same mandrel break-load standards as aluminum rivets with steel mandrels. Copper is the most malleable of the various rivet metals. It has a higher electrical conductivity than any of the other rivet metals which make it useful in many electrical applications. They should be used when fastening materials with mechanical and physical properties similar to copper.
<b>Material</b>	<i>Rivet:</i> Copper Alloy No. 110. <i>Mandrel:</i> Carbon steel 1006 or equivalent, copper plated.
<b>Shear Strength</b>	Copper rivets are not subject to shear testing (SAE J1200).
<b>Tensile Strength</b>	Copper rivets are not subject to tensile testing (SAE J1200).
<b>Mandrel Break Load</b>	While the rivet is being set, the axially applied load necessary to break the mandrel shall be within 600 lbs. max, and 400 lbs. min.

PART NUMBER COMPARISON - DOME HEAD COPPER RIVET / STEEL MANDREL							
Catalog Part Number	Huck/ Automatic	Pop®	Marson/ Creative	Star	Celus®	Cherry	Gesipa®
KDS42	CBS42	CD42BS	CB4 - 2C	-	C/S42D	USP-42	-
KDS44	CBS44	CD44BS	CB4 - 4C	-	C/S44D	USP-44	-

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Pop® is a registered trademark of Emhart Teknologies, LLC.

Kanebridge's rivets are not necessarily manufactured by or comparable with the products of Gesipa® or Pop® rivets.