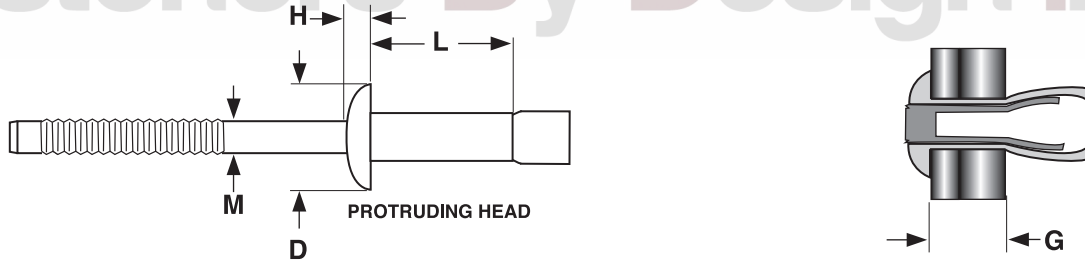


RIVETS

STRUCTURAL, PROTRUDING HEAD All Aluminum / All Steel / All Stainless

Fasteners By Design Inc.



STRUCTURAL RIVETS WITH PROTRUDING HEADS											
Part Numbers			Nominal Rivet Diameter	Hole Size		M		D	H	G	L
All Aluminum	All Steel	All Stainless				Mandrel Diameter		Head Diameter	Head Height		
				Max	Min	Max	Min	Nom	Nom	Max	
PA64	PS64	-	3/16	.201	.191	.122	.114	.385	.085	.062-.270	.415
PA67	-	-								.214-.437	.572
-	PS67M	-								.062-.437	.572
PA86	PS86	PSS86	1/4	.272	.261	.162	.153	.525	.117	.080-.375	.560
-	*PS810M	-								.080-.625	.810
PA810	PS810	PSS810								.350-.625	.810

*Replaces part number PS86M.

Description	A two-piece blind fastener consisting of (1) a mandrel with a flared, hollowed-out head and a serrated stem; and (2) a self contained tubular body with a head which has a dome shape.
Applications/ Advantages	This structural rivet has greater tensile strength and shear strength than a standard break-stem blind rivet. The way the mandrel expands radially when pulling through the rivet body enables it to completely fill holes that are out-of-round. Can be used to join two metals or a metal to a plastic. Structural rivets are used in automotive manufacturing, home appliances, cabinetry and HVAC applications. Unlike Monobolts®, generic structural rivets do not require a special nosepiece to be used when seating the rivets.
Material	<i>Aluminum Rivet:</i> 5056 Aluminum or equivalent; <i>Aluminum Mandrel:</i> 7178 Aluminum or equivalent <i>Steel Rivet:</i> 1038 steel or equivalent; <i>Steel Mandrel:</i> 1038 steel or equivalent <i>Stainless Rivet:</i> 300 series; <i>Stainless Mandrel:</i> 300 series
Shear Strength	<i>Aluminum Rivet/Aluminum Mandrel:</i> 3/16" Diam- 550 lbs., minimum; 1/4" Diam- 1270 lbs., minimum <i>Steel Rivet/Steel Mandrel:</i> 3/16" Diam- 1300 lbs., minimum; 1/4" Diam- 2400 lbs., minimum <i>Stainless Rivet/Stainless Mandrel:</i> 1/4" Diam- 2360 lbs., minimum (10,500 N. min)
Tensile Strength	<i>Aluminum Rivet/Aluminum Mandrel:</i> 3/16" Diam- 450 lbs., minimum; 1/4" Diam- 830 lbs., minimum <i>Steel Rivet/Steel Mandrel:</i> 3/16" Diam- 1000 lbs., minimum; 1/4" Diam- 1850 lbs., minimum <i>Stainless Rivet/Stainless Mandrel:</i> 1/4" Diam- 1843 lbs., minimum (8200 N. min.)

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STRUCTURAL, PROTRUDING HEAD

PART NUMBER COMPARISON - PROTRUDING HEAD STRUCTURAL RIVETS, ALL ALUMINUM					
Kanebridge	Avdel/Cherry	3 Star Rivets USA	Marson®	Huck	Gesipa®
PA64	BAPI-06-04	AAN-4810	AB6-4AKL	MGLP-B6-4	RV6900-6-4
PA67	BAPI-06-07	AAN-4814	AB6-7AKL	MGLP-B6-7	RV6900-6-7XG
PA86	BAPI-08-06	AAN-6414	AB8-6AKL	MGLP-B8-6	RV6900-8-6
PA810	BAPI-08-10	AAN-6429	AB8-10AKL	MGLP-B8-10	RV6900-8-10XG

PART NUMBER COMPARISON - PROTRUDING HEAD STRUCTURAL RIVETS, ALL STEEL					
Kanebridge	Avdel/Cherry	3 Star Rivets USA	Marson®	Huck	Gesipa®
PS64	SSPI-06-04	SSN-4810	SB6-4KL	MGLP-R6-4	RV6977-6-4
PS67M	-	-	SB6-EKL	-	-
PS86	SSPI-08-06	SSN-6414	SB8-6KL	MGLP-R8-6	RV6977-8-6
* PS810M	-	-	SB8-EKL	MGLP-R8-E	RV6977-8-10XG
PS810	SSPI-08-10	SSN-6419	SB8-10KL	MGLP-R8-10	-

*Replaces part number PS86M.

PART NUMBER COMPARISON - PROTRUDING HEAD STRUCTURAL RIVETS, ALL STAINLESS					
Kanebridge Part #	Avdel/Cherry	3 Star Rivets USA	Marson®	Huck	Gesipa®
PSS86	CCPI-08-06	-	SSB8-6SKL	MGLP-U8-6	-
PSS810	CCPI-08-10	-	SSB8-10SKL	MGLP-U8-10	-

