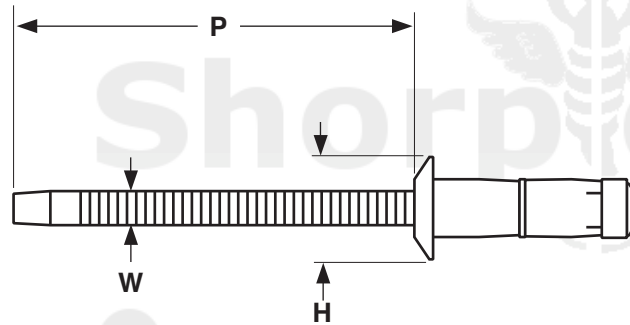


RIVETS

STRUCTURAL, DOUBLE-LOCKING

Dome,
All Aluminum & All Steel



DOME DOUBLE-LOCKING STRUCTURAL BLIND RIVETS									
Nominal Rivet Diameter & Material	Part Number	L	Grip Range	W		Recommended Hole Size	H	D	Typical Shear Strength (lbs.)
		Rivet Length (±.012)		Mandrel Nail Diameter (+.003, -.002)	Body Diameter (±.002)		Head Height (±.008)	Head Diameter (±.012)	
3/16 Steel/Steel	L48090P	0.354	.059 - .138	0.119	0.189	0.192 - 0.200	0.087	0.386	1012
	L48115P	0.453	.138 - .236						1342
	L48140P	0.551	.236 - .335						1410
1/4 Alum/Alum	LH64105P	0.413	.110 - .189	0.164	0.250	0.259 - 0.267	0.118	0.512	946
	LH64125P	0.492	.189 - .268						1012
	LH64145P	0.571	.268 - .346						1100
1/4 Steel/Steel	LS65105P	0.413	.079 - .177	0.164	0.256	0.260 - 0.268	0.118	0.512	2315
	LS65125P	0.492	.118 - .256						2426
	LS65145P	0.571	.197 - .335						2867
	LS65165P	0.650	.276 - .413						3043
	LS65185P	0.728	.354 - .492						3263

Description	A blind fastener with a self-contained mandrel. The body of the rivet has a dome-shaped head and a shank which tapers slightly where it meets the mandrel head. The mandrel is designed with two sets of longitudinal grooves that provides internal friction at both ends of the fastening. The section of the mandrel that protrudes above the head of the rivet has circumferential serrations that helps the tool to grip the mandrel during installation. This top portion of the mandrel ultimately breaks away once the rivet has been installed.	
Applications/ Advantages	The double-locking system ensures that the mandrel remains tightly fitted within the rivet body, rendering it highly resistant to vibration and water. The internal friction system with differential force load provides maximum clamp-up without deforming the materials being gripped. This rivet is designed for heavy industrial use, including automotive, commercial vehicles, buses, railway cars, farm equipment and electrical engineering.	
Material	<i>All Aluminum variety:</i> Rivet Body: Aluminum 5052 Mandrel: Aluminum Almg 6.0 or equivalent	<i>All Steel variety:</i> Rivet Body: Low carbon steel with zinc yellow chromate; Mandrel: Carbon steel with zinc yellow chromate
Shear Strength	Typical shear strengths are listed in the above table.	
Tensile Strength	<i>1/4" nominal rivet diameter:</i> 772 lbs.	<i>3/16" nominal rivet diameter:</i> 661 lbs. <i>1/4" nominal rivet diameter:</i> 1654 lbs.