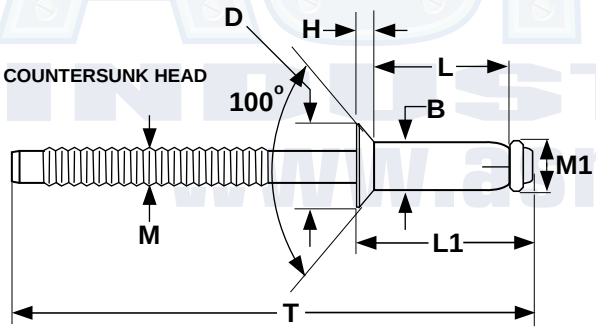
Rivets

High Strength, Double Locking

Orlock® brand, Countersunk head



COUNTERSUNK ORLOCK® HIGH STRENGTH BLIND RIVETS — Ornit

Nominal Rivet Diam. & Material	Part Number	L: Rivet Length (±.012)	Grip Range	M: Mandrel Nail Diameter (+.003, -.002)	M1: Mandrel Head Diam. (±.002)	B: Body Diam. (±.002)	Recommended Hole Size	H: Head Height (±.008)	D: Head Diam. (±.012)	T: Total Length (±.079)	L1: L + Mandrel Head (±.032)	Typical Shear Strength (lbs.)
1/4 Alum/Alum	LH64115K	0.453	.150 - .228	.164	.253	0.250	0.260 - 0.268	0.079	0.394	1.886	.609	617
	LH64125K	0.491	.189 - .268							1.926	.648	-
	LH64175K	0.689	.368 - .464							2.122	.845	1102
1/4 Steel/Steel	L64175K	0.689	.368 - .464	.164	.253	0.250	0.260 - 0.268	0.079	0.394	2.122	.845	2095
	L64195K	0.768	.464 - .543							2.201	.924	

Description	A blind fastener with a self-contained mandrel. The body of the rivet has a countersunk flat 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	***All Aluminum variety:***	***All Steel variety:***
	Rivet body: 5052 aluminum; Mandrel- Aluminum Almg 6.0 or equivalent	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.	Typical shear strengths are listed in the above table.
Tensile Strength	772 lbs.	1213 lbs.

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