



Ornit Blind Rivets has manufactured blind rivets since 1975. Ornit provides unique custom-designed fastening solutions for the automotive, constructive, electronic and industrial markets. Ornit's product lines are designed for a wide range of applications in all markets.

The company's portfolio includes structural rivets, roofing rivets, multi-grip rivets and other fastening devices made from various alloy combinations of aluminium, steel and stainless steel.

### Quality

Ornit's high standards and top quality products are ensured by quality assurance procedures at all stages of production.

### International Standards

Ornit manufactures in compliance with the IFI and DIN standards according the product. Ornit's dedication to performance excellence has led us to be awarded with the ISO/TS 16949 and ISO 9001:2000 certifications.

### Research and Development

Ornit's R&D department is equipped with the latest technology and a highly experienced and knowledgeable team ready to face any challenge. Their expertise provides Ornit's customers with ideal solutions for any fastening application.

### Customers

Ornit's products are exported around the world, i.e. Europe, Australia, South Africa, Far East and Latin America.

Ornit established a subsidiary company in the USA, Ornit Inc. to support the distribution of our products in North America.

Ornit is the leading distributor of fasteners in Israel.

### Ornit's Vision

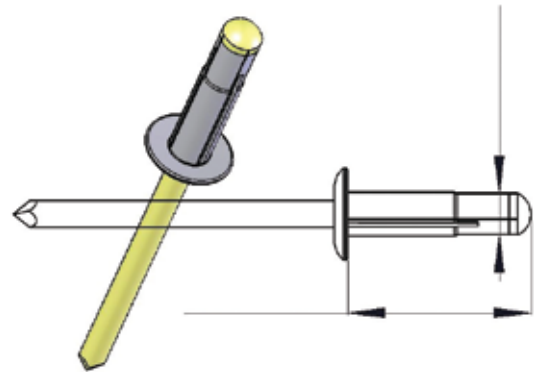
Ornit, a global company, remains on the front line in the fastening industry by researching, developing and manufacturing innovative fastening solutions.

### Ornit's Objectives

- To continue to learn, understand and foresee the customers' changing desires and ambitions.
- To provide creative, flexible and competitive fastening solutions for customers worldwide.
- To maintain close business relationships with our customers.
- To remain uncompromising on product quality by implementing quality assurance regulations and maintaining international standards.
- To maintain high service standards by meeting our customers needs.
- To broaden Ornit's worldwide activities through product development.
- To invest in Ornit's human resources.



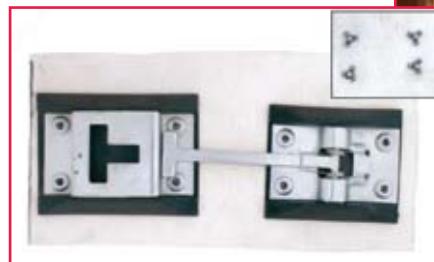
**Aluminium alloy fastener with split tail, forming a large blind side area.**



## Key features include:

Features	Benefits
Large blind side bearing area.	Spreads clamp load over a large area. Ideal for thin, brittle and soft sheet materials.
Good multi-grip performance.	Simplifies stock control. Reduces operator error. Accommodates a wide variety of material thicknesses.
Positively retained stem.	Secure, vibration resistant joint.
Wide choice of purposed designed installation tools.	Maximum production flexibility.

## Assembly Applications:



Truck box door holding



Train and bus seats



Fiberglass applications



Car dashboard



**Body Material:** Aluminium Alloy (2.0/2.5 Mg.) to AA 5052

**Body Finish:** Bright finish surface

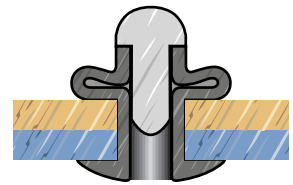
**Mandrel Material:**

Aluminium Alloy (2.0/2.5 Mg.) to AA 5052









**Mandrel Finish:** Natural

Before Installation

After Installation



## Dimensions - Nominal

					ART.No			 MIN MAX				
	mm / inch	mm / inch	mm / inch	mm / inch		mm	inch	mm	inch	mm	inch	
<b>4.0</b> <b>5/32"</b>	4.2-4.5	1.4	8.0	2.3	<b>BB40136D</b>	13.6	.537	1.0	.039	3.0	.118	6,000
					<b>BB40188D</b>	18.8	.743	1.0	.039	7.0	.276	4,000
	.165-.177	.055	.315	.091	<b>BB40248D</b>	24.8	.979	4.0	.157	10.0	.395	4,000
<b>4.8</b> <b>3/16"</b>	5.0-5.3 .196-.208	1.8 .071	9.8 .386	2.9 .114	<b>BB48153D</b>	15.3	.604	1.0	.039	4.0	.158	3,000
					<b>BB48175D</b>	17.5	.691	1.0	.039	6.3	.249	3,000
					<b>BB48205D</b>	20.5	.809	1.0	.039	9.0	.356	2,500
					<b>BB48240D</b>	24.0	.948	4.0	.157	12.0	.474	2,500
					<b>BB48280D</b>	28.0	1.102	8.0	.315	16.0	.630	2,500
					<b>BB48310D</b>	31.0	1.220	11.0	.433	19.0	.748	2,000

## Forces - Nominal

ART.No		
	kg / Lbs.	kg / Lbs.
<b>BB40136D - BB40248D</b>	61 / 134.2	102 / 225
<b>BB48153D - BB48310D</b>	92 / 203	122 / 269

Before Installation

After Installation

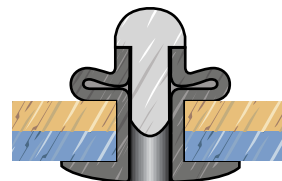
**Body Material:** Aluminium Alloy (2.0/2.5 Mg.) to AA 5052

**Body Finish:** Bright finish surface









**Mandrel Material:**

Aluminium Alloy (2.0/2.5 Mg.) to AA 5052



**Mandrel Finish:** Natural

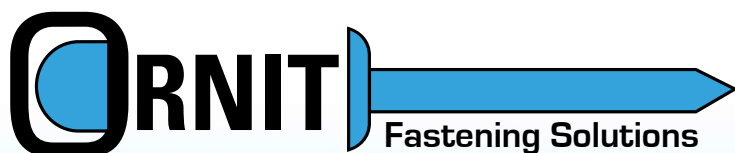


Dimensions - Nominal

					ART.No			 MIN MAX				
	mm / <i>inch</i>	mm / <i>inch</i>	mm / <i>inch</i>	mm / <i>inch</i>		mm	<i>inch</i>	mm	<i>inch</i>	mm	<i>inch</i>	
<b>4.8</b> <b>3/16"</b>	5.0-5.3	2.0	14.0	2.9	<b>BB48153L</b>	15.3	.602	1.0	.039	4.0	.157	3,000
					<b>BB48175L</b>	17.5	.689	1.0	.039	6.3	.248	2,500
	.196-.208	.079	.551	.114	<b>BB48205L</b>	20.5	.807	1.0	.039	9.0	.354	2,500
					<b>BB48240L</b>	24.0	.945	4.0	.157	12.0	.472	1,500
<b>4.8</b> <b>3/16"</b>	5.0-5.3	2.0	15.9	2.9	<b>BB48153X</b>	15.3	.602	1.0	.157	4.0	.157	2,000
					<b>BB48205X</b>	20.5	.807	1.0	.039	9.0	.354	2,000
	.196-.208	.079	.624	.114	<b>BB48240X</b>	24.5	.945	4.0	.039	12.0	.472	1,500

Forces - Nominal

ART.No		
	kg / Lbs.	kg / Lbs.
<b>BB48153L - BB48240L</b>	92 / 203	122 / 269
<b>BB48153X - BB48153X</b>	92 / 203	122 / 269



## ORNIT BLIND RIVETS



Construction



Domestic Appliances



Electronics



Automotive



Commercial Vehicles



Railways



Solar

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