



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

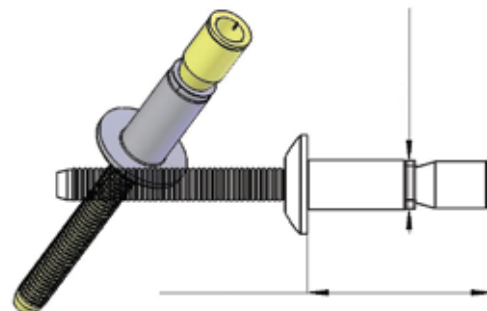
Ornit, a global company, remains on the front line in the fastening industry by researching, developing and manufacturing innovative fastening solutions.

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.



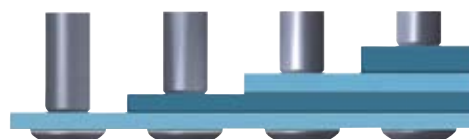
Multi-grip, structural breakstem fasteners, with internal (Ornilock) or external (Or-Bolt) locking mechanisms.



Key features include:

Features	Benefits
Excellent multi-grip performance.	Simplifies stock control. Reduces operator error. Accommodates a wide variety of material thicknesses.
Excellent hole fill capabilities.	Ideal for oversized, irregular or misaligned holes. Creates a consistently high strength, vibration resistant joint.
Positively retained stem.	Secure, vibration resistant joint.
Visible locking element.	Quick, easy inspection.
Optional decorative caps.	Enhances corrosion and water resistance properties. Complements adjacent, joint material colour.

Assembly Applications:



Satellite dishes



Steel floor fastening



Cooling systems



Pedestrian bridges

Body Material: Low Carbon Steel

Body Finish: Zinc Plated Cr VI free

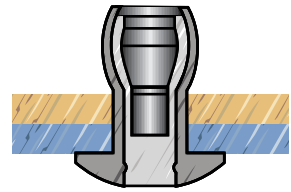
Mandrel Material: Medium Carbon Steel

Mandrel Finish: Zinc Plated Cr VI free









Before Installation





After Installation



Dimensions - Nominal

					ART.No							
	mm / inch	mm / inch	mm / inch	mm / inch		mm	inch	mm	inch	mm	inch	
4.8 3/16"	4.9-5.1 .192-.200	2.10 .082	9.8 .386	3.0 .118	M48105P	10.5	.413	1.6	.063	6.9	.272	4,000
					M48145P	14.5	.571	5.4	.213	11.1	.437	3,000
					MS48145P	14.5	.571	1.6	.063	11.1	.437	3,000
6.5 1/4"	6.62-6.9 .260-.271	2.8 .110	13.0 .512	4.0 .157	M65142P	14.2	.599	2.0	.079	9.5	.374	2,000
					M65205P	20.5	.807	8.9	.350	15.9	.626	1,500
					MS65205P	20.5	.807	2.0	.079	15.9	.626	1,500
					M65270P	27.0	1.063	15.9	.626	22.5	.886	1,000
					MS65270P	27.0	1.063	8.9	.350	22.5	.886	1,000

Forces - Nominal

ART.No		
	kg / Lbs.	kg / Lbs.
M48105P - MS48145P	630 / 1389	545 / 1201
M65142P - MS65275P	1250 / 2750	1000 / 2200

Before Installation

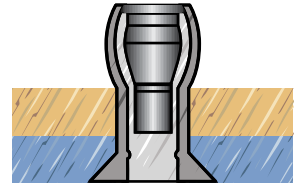
After Installation

Body Material: Low Carbon Steel

Body Finish: Zinc Plated Cr VI free

Mandrel Material: Medium Carbon Steel

Mandrel Finish: Zinc Plated Cr VI free



Dimensions - Nominal

					ART.No							
	mm / inch	mm / inch	mm / inch	mm / inch		mm	inch	mm	inch	mm	inch	
4.8 3/16"	4.9-5.1 .192-.200	1.80 .071	8.6 .339	3.0 .118	M48123K	12.3	.484	3.2	.126	8.4	.331	4,000
					M48165K	16.5	.650	7.8	.307	12.7	.500	3,000
6.5 1/4"	6.62-6.9 .260-.271	2.0 .079	10.0 .394	4.0 .157	M65167K	16.7	.657	4.1	.161	12.1	.476	2,000
					M65230K	23.0	.906	10.6	.417	18.4	.724	1,500

Forces - Nominal

ART.No		
	kg / Lbs.	kg / Lbs.
M48123K - M48165K	630 / 1386	545 / 1201
M65167K - M65230K	1250 / 2750	1000 / 2200

Ornilock Aluminium

Protruding Head.....

Before Installation

After Installation

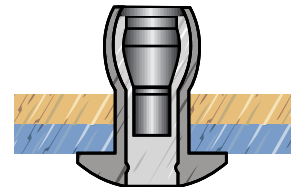
Body Material:

Aluminium Alloy 5.0 AlMg or equivalent









Body Finish: Bright finish surface

Mandrel Material: Aluminium Alloy 7075 or equivalent



Mandrel Finish: Bright finish surface



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>	
4.8 3/16"	4.9-5.1 <i>.193-.201</i>	2.10 <i>.082</i>	9.8 <i>.386</i>	3.0 <i>.118</i>	MH48105P	10.5	<i>.413</i>	1.6	<i>.063</i>	6.9	<i>.272</i>	4,000
					MH48145P	14.5	<i>.571</i>	5.4	<i>.213</i>	11.1	<i>.437</i>	3,000
					MHS48145P	14.5	<i>.571</i>	1.6	<i>.063</i>	11.1	<i>.437</i>	3,000
6.5 1/4"	6.62-6.9 <i>.260-.271</i>	2.80 <i>.110</i>	13.0 <i>.512</i>	4.0 <i>.157</i>	MH65142P	14.2	<i>.559</i>	2.0	<i>.079</i>	9.5	<i>.374</i>	2,000
					MH65205P	20.5	<i>.807</i>	8.9	<i>.350</i>	15.9	<i>.626</i>	1,500
					MHS65205P	20.5	<i>.807</i>	2.0	<i>.079</i>	15.9	<i>.626</i>	1,500

Forces - Nominal

ART.No		
	kg / Lbs.	kg / Lbs.
MH48105P - MHS48145P	275 / 606	230 / 507
MH65142P - MHS65205P	590 / 1300	404 / 890

Ornilock Stainless Steel Protruding Head...

Body Material: Austenitic Stainless Steel AISI 304 Cu

Body Finish: Natural

Mandrel Material:

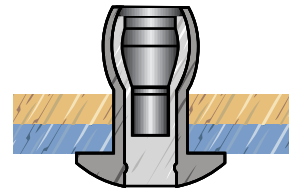
Austenitic Stainless Steel AISI 304 Cu

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	
4.8 3/16"	4.9-5.1 .192-.200	2.10 .082	9.8 .386	3.0 .118	MN48105P	10.5	.413	1.6	.063	6.9	.272	4,000
					MN48145P	14.5	.571	5.4	.213	11.1	.437	3,000
					MNS48145P	14.5	.571	1.6	.063	11.1	.437	3,000
6.5 1/4"	6.62-6.9 .260-.271	2.80 .110	13.0 .512	4.0 .157	MN65142P	14.2	.559	2.0	.079	9.5	.374	2,000
					MN65205P	20.5	.807	8.9	.350	15.9	.626	1,500
					MNS65205P	20.5	.807	2.0	.079	15.9	.626	1,500

Forces - Nominal

ART.No		
	kg / Lbs.	kg / Lbs.
M48105P - MNS48145P	590 / 1298	430 / 946
MN65142P - MNS65205P	1150 / 2530	910 / 2002

Ornilock Stainless Steel 100° Countersunk Head..

Before Installation

After Installation

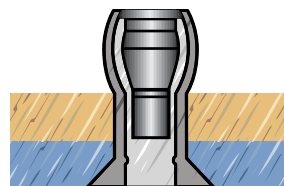
Body Material: Austenitic Stainless Steel AISI 304 Cu

Body Finish: Natural









Mandrel Material:

Austenitic Stainless Steel AISI 304 Cu



Mandrel Finish: Natural

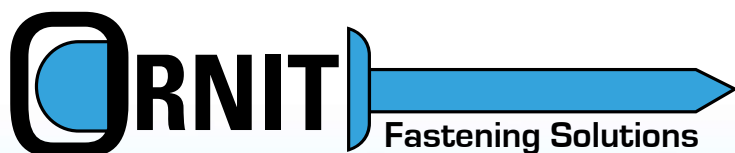


Dimensions - Nominal

Dimensions - Nominal												
					ART.No			 MIN MAX				
	mm / inch	mm / inch	mm / inch	mm / inch		mm	inch	mm	inch	mm	inch	
4.8 3/16"	4.9-5.1	1.80	8.6	3.0	MN48123K	12.3	.484	3.2	.126	8.4	.331	3,000
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	.260-.271	.079	.394	.157	MN65230K	23.0	.906	10.6	.417	18.4	.724	1,500

Forces - Nominal

ART.No		
	kg / Lbs.	kg / Lbs.
MN48123K - MN48165K	590 / 1298	430 / 946
MN65167K - MN65230K	1150 / 2530	910 / 2002



ORNIT BLIND RIVETS



Construction



Domestic Appliances



Electronics



Automotive



Commercial Vehicles



Railways



Solar

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