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FEATURES

- A blind rivet is a low-cost two part fastener designed to join two or more pieces of material, whether they're the same or different materials to create a permanent joint
- Can be used where only one side of the application is accessable
- Wide range of diameters and lengths
- Used for multiple applications
- Easy to install

RS PRO DOME HEAD STANDARD OPEN BLIND RIVET – ALUM/STEEL

RS Stock No.: 2065340, 2065341, 2065342, 2065343, 2065344, 2065345, 2065347, 2065348, 2065349, 2065350, 2065351, 2065353, 2065354



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Family Name

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

A blind rivet is a low-cost permanent fastener designed to join two or more pieces of material, whether they're the same or different materials and where only one side is accessible.

A blind rivet consists of two parts: -
• the rivet body, also referred to as the body or shank
• and within it, the setting device, the mandrel or stem

The materials for each part can be made of different materials to give a variety of combinations.

The dome head is the most common and multifunctional style. The blind rivet can be used in a conventional way of fixing or in multiple materials.

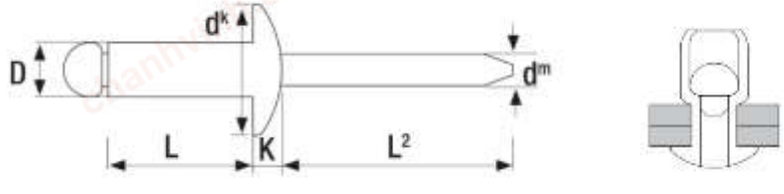
The most common and widely used rivet range. Used in a multitude of industries such as aerospace, automotive, rail, HVAC, white goods, electronics, and general engineering. DIY

Family Name

General Specifications

BODY: Aluminium (AlMg3.5) MANDREL: Steel Zinc&Clr Tri3

Nominal Diameter mm (D)	Article Number	Body Length mm (L)	Grip Range Min mm	Grip Range Max mm	Hole Size mm	Flange Diameter mm (d_k)	Flange Thickness mm (K)	Nom. Mandrel Diameter mm (d_m)	Min Mandrel Length mm (L_2)	Shear Strength N	Tensile Strength N	Bag Quantity
4.0	2065340	6.0	1.0	2.0	4.1	8.0	1.0	2.10	27.0	1200	1600	100
	2065341	8.0	2.0	4.0								100
	2065342	10.0	4.0	6.0								100
	2065343	12.0	6.0	8.0								100
	2065344	14.0	8.0	10.0								100
	2065345	16.0	10.0	12.0								100
4.8	2065347	6.0	1.0	2.0	4.9	9.5	1.1	2.70	28.0	1700	2250	100
	2065348	8.0	2.0	3.5								100
	2065349	10.0	3.5	5.5								100
	2065350	12.0	5.5	7.5								100
	2065351	14.0	7.5	9.5								100
	2065353	16.0	9.0	11.0								100
	2065354	20.0	13.0	15.0								100



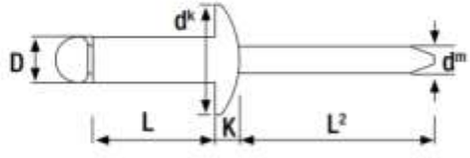
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TECHNICAL DATA

HOW TO MEASURE A BLIND RIVET

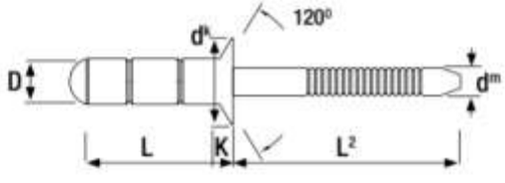
DOME HEAD AND LARGE FLANGE HEAD - the rivet body length (L) is always measured from under the head to the end of the body.

D = body diameter
L = body length
d^k = rivet head diameter
K = rivet head thickness
d^m = mandrel diameter
L^2 = minimum mandrel length

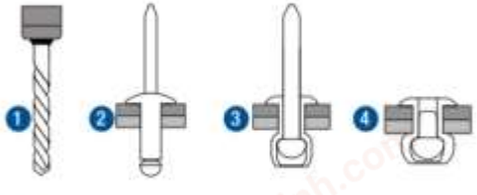


COUNTERSUNK HEAD - the rivet body length (L) is always measured from the top of the head to the end of the body.

D = body diameter
L = body length
d^k = rivet head diameter
K = rivet head thickness
d^m = mandrel diameter
L^2 = minimum mandrel length



HOW TO INSTALL A BLIND RIVET



1. Firstly drill the hole.
2. To set a rivet, the rivet is placed into the setting tool and then into a pre-drilled hole. It is fixed by the jaws within the tool pulling the mandrel head into the rivet body, expanding the body and causing it to flare against the reverse (blind) side of the application.
3. As the head of the mandrel reaches the face of the blind side material, the mandrel will snap at the break point of the mandrel when it has reached is predetermined breaking force.
4. A tight joint is formed as the rivet body remains, gripping the material and encapsulating the head of the mandrel within.