

## Features

- A blind rivet nut is a one-piece internally threaded tubular rivet used to create highly durable threads particularly in thin materials where only one side is accessible
- The reduced head provides a near flush surface finish
- No countersink required in hole preparation
- Used for multiple applications
- Zinc plated corrosion resistant finish
- Easy to install

## RS PRO Threaded Inserts

RS Stock No.: See Below



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

*A blind rivet nut is a one-piece internally threaded and counterbored tubular rivet used to create highly durable threads particularly in thin materials where only one side is accessible and for further component assembly.*

*A blind rivet nut creates a strong thread in some of the following ways:*

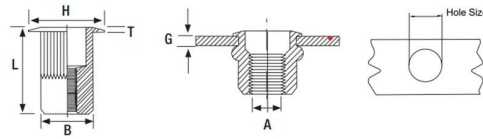
- *thin metal sheet/profiles where no thread forming is possible*
- *thick metal sheet/profiles that are too hard for thread forming*
- *composite or plastic materials where no thread forming is possible*
- *use in box section or enclosed applications where there is restricted access*
- *clinching separate sheets together therefore acting like a blind rivet*
- *allows you to assemble another component with a bolt or screw*
- *on-site repairs to damaged or stripped threads*

*The reduced head is a specialist version of the countersunk head. It is also known as thin sheet or small countersunk head. It can be used where a flush type finish is required where a non-interference fit is not critical. The blind rivet nut can be used in a conventional way of fixing into one piece of material or in multiple materials clamping them similarly to a blind rivet connection.*

*Used in a multitude of industries such as aerospace, automotive, rail, HVAC, white goods, electronics, and general engineering. DIY*

## General Specifications

Thread Size mm (A)	Article Number	Grip Range Min mm (G)	Grip Range Max mm (G)	Hole Size mm	Body Diameter mm (B)	Flange Diameter mm (H)	Flange Thickness mm (T)	Body Overall Length mm (L)	Max Tightening Torque Nm	Tensile Strength N	Bag Quantity
M4	0303764	0.5	2.0	6.75	6.7	7.9	0.5	10.7	3.0	6000	100
	0303765	2.0	3.3					11.9			100
M5	0303767	0.5	3.3	7.6	7.5	8.7		12.0	6.0	10000	100
	0303768	3.3	5.7					14.9			100
M6	0303770	0.7	4.2	10.0	9.9	11.6	14.7	10.0	15000	100	
	0303771	4.2	6.6				17.3			100	
M8	0303773	0.7	3.8	13.5	13.4	15.1	0.6	17.5	24.0	27000	50
	0303774	3.8	7.9					20.5			50
M10	0303776	0.7	3.8	13.0				17.5	32.0	28500	50
	0303777	3.8	7.9					20.5			50



## Mechanical Specifications

### Material & Finish

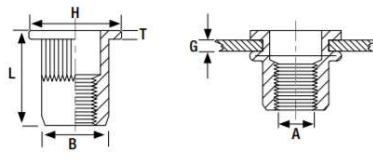
Steel(AISI1008) – Zinc & Clear Trivalent (8Microns)

## Technical Data

## TECHNICAL DATA

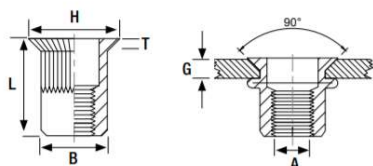
### HOW TO MEASURE A BLIND RIVET NUT

**Flat Head** - the rivet nut body length (L) is always measured overall.



B = body diameter  
L = body length  
H = rivet nut head diameter  
T = rivet nut head thickness  
A = thread size  
G = grip range

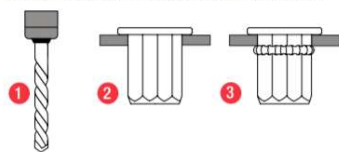
**Countersunk Head or Reduced Head** - the rivet body length (L) is always measured from the top of the head to the end of the body.



B = body diameter  
L = body length  
H = rivet nut head diameter  
T = rivet nut head thickness  
A = thread size  
G = grip range

### HOW TO INSTALL A BLIND RIVET NUT

Blind rivet nuts have a simple and rapid installation.



- 1 Firstly drill the hole.
- 2 To set the nut, screw it onto the threaded mandrel of the setting tool, and insert into the component hole.  
The nut is then set through the stroke of the setting tool pulling it up onto the material. This causes the collapsible part of the nut to form on the rear of the material or blindside.
- 3 After the threaded mandrel of the setting tool is removed, the rivet nut thread is left ready for use.