

GESIPA®

Threaded Fastener Portfolio

GESIPA®

The experts in riveting technologies



2018



Specials and Variants

GESIPA®

The experts in riveting technologies

**Over 430 special Blind Rivet Nuts
and 28 different varieties of Rivet Nut
Studs are manufactured in the UK**

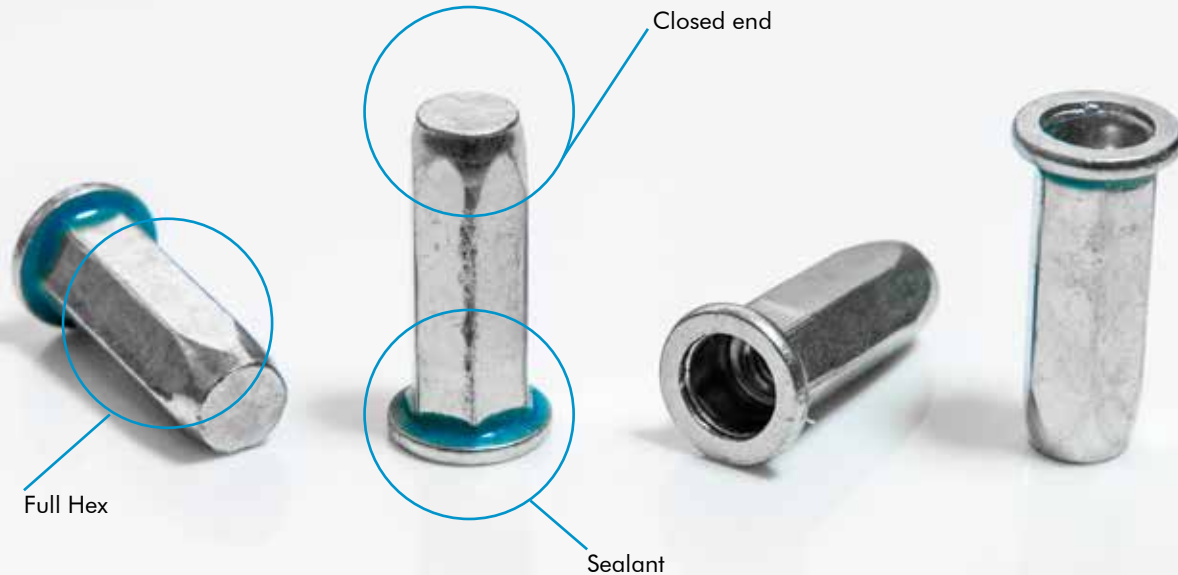


Large Flange Splined Wedge Head Rivet Nuts



- Splines improve torque-to-turn resistance specially in softer material eg. wood, aluminium , magnesium, plastic etc.

Full Hexagonal Rivet Nuts with Sealant



- Hexagonal body - gives higher torque-to- turn resistance
- Sealant - provides maximum protection against admission of moisture and dirt
- Closed end provides weather tight fasteners



- Profile head acts as a spacer and pivot point in applications

Wedge Head Sealant Rivet Nuts



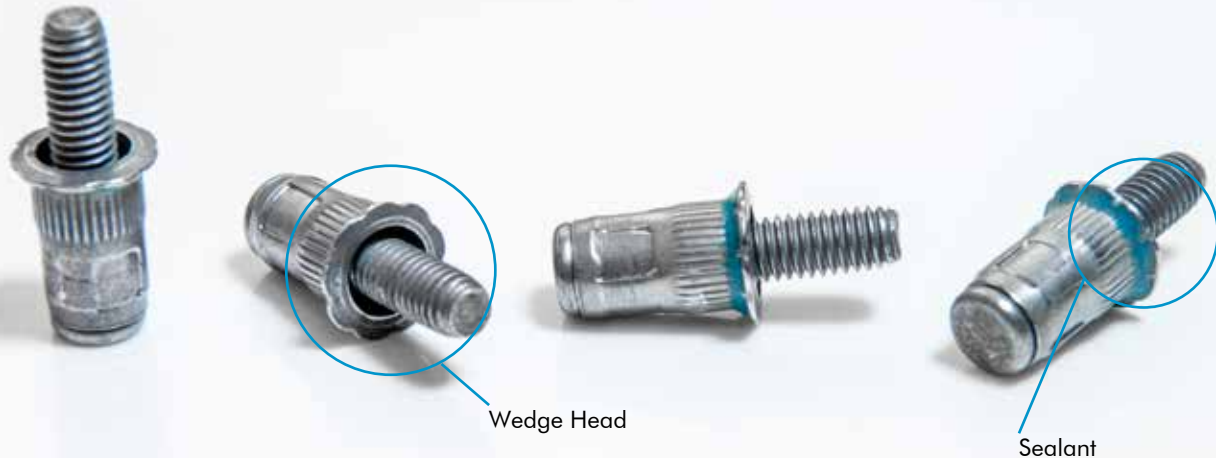
- Wedge head sealant creates an under-head splined to bite into the material that prevents turning in assembly application reducing the risk of failure through assembly.

Square bodied Rivet Nuts



- Allows extra security during the assembly process.
- Provides high torque-to-turn values in applications giving a highly secure joint.

Wedge Head Sealant Rivet Nut Studs



- Like wedge head rivet nuts, rivet nut studs with wedges are also designed to increase torque-to-turn value to aid assembly of parts.
- The sealant under the flange helps the fastener achieve good splash water resistance.

Dogpoint Stud with Sealant Tip Rivet Nut Studs



- Sealant applied to the dogpoint tip of the stud protects polished and painted surfaces from damage whilst aligning parts during assembly of the application parts.

Alu/Alu Rivet Nut Studs



- Specially designed for light weight applications, aluminum blind rivet nut studs offer a fast, easy and safe process for creating a fixing point in thin material applications in varied industries.

Advantages of Blind Rivet Nuts

- Provides easy and fast assembly by one-way access to the riveting position
- Easily installed in pre- or post-finished applications and thus easy to rework
- Used to join dissimilar materials without causing any damage to the parent material
- Used to create a permanent fixture with greater torque to turn and vibration resistant joints
- Creates high-class threads in thin and soft materials
- Provides cost and time saving in assembly machinery and tooling
- Creates vibration-proof and maintenance-free connection
- Produces water-proof connections where necessary
- Clean process with no emission of heat and no thermal influences to the parts



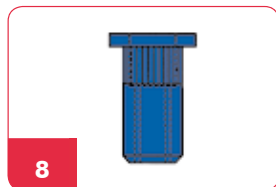
Advantages of Blind Rivet Nut Studs

- Space saver
- Creates high load bearing capacity.
- Provides guaranteed and secure joint.
- Easier, neater and quicker installation than other products like weld studs, nuts and bolts etc.
- A useful and permanent secondary fixing point in many thin sheet applications.
- Can be fit as a secondary operation after the base material has been painted or treated saving money.
- Stud protrudes through the many layers of application and makes it easy to locate and assemble a nut on a moving assembly line.
- Can be reworked if missed during the assembly operation.





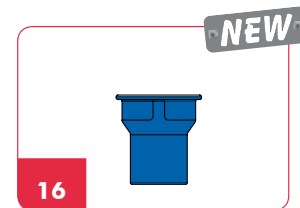
Aluminium



Steel splined



Steel half hexagonal



Steel square bodied



Steel Full hexagonal



Stainless steel A2



Stainless steel A2
half hexagonal



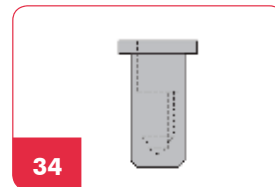
Stainless steel A4



Stainless steel A4
half hexagonal



Monel®

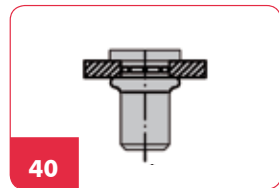


Alu closed end (CAP®)

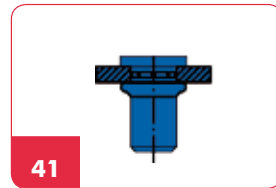


Steel closed end (CAP®)

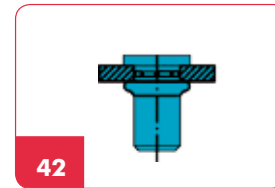
Contents


40

PolyGrip® aluminium


41

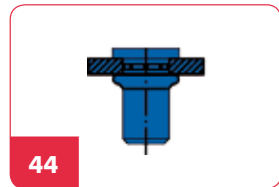
PolyGrip® steel


42

PolyGrip®
stainless steel A2


43

PolyGrip®
stainless steel A4


44

PolyGrip® splined steel


45

Blind rivet nuts with hose
connection


47

SoftGrip® Rivet Nut


50

Light Weight Blind
Rivet Nut


50

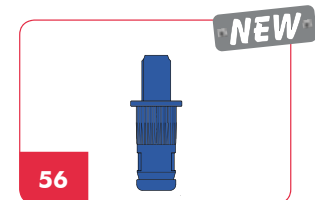
G-Fast


54

Blind rivet nut stud steel

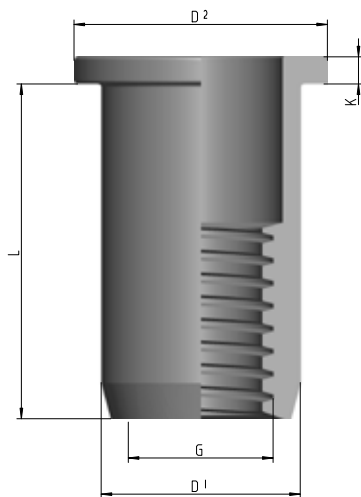

55

Blind rivet nut stud steel
half hexagonal

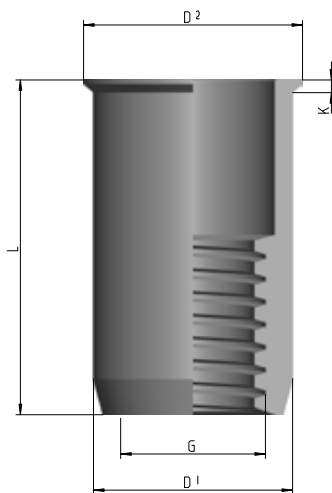

56

PolyGrip® blind rivet nut
stud steel splined

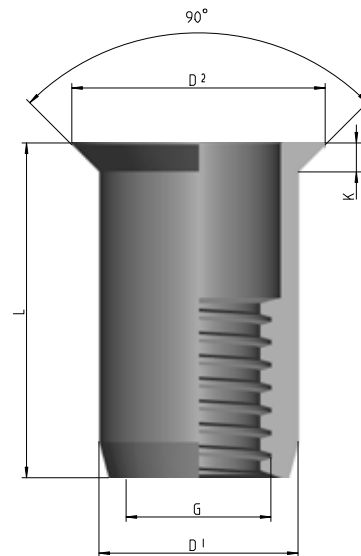
Standard Head



Small Head



Countersunk Head



- G – Thread Size
- D1 – Body diameter
- L – Length
- D2 – Head Diameter
- K – Head Thickness

Blind Rivet Nuts



Aluminium Blind Rivet Nut

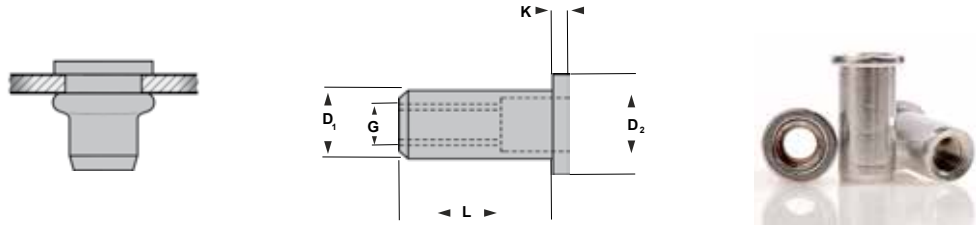
The GESIPA® Aluminium Blind Rivet Nut are the perfect solution to create a thread with less weight and good corrosion resistance with the application parts. The choice of the Aluminium Blind Rivet Nut depends if the thread strength of the Blind Rivet Nut covers the requirements of the application.

The GESIPA® Aluminium Blind Rivet Nuts is produced using the material AlMg2,5 (EN AW 5052), which has the advantages of saltwater-proof, good chemical resistance as well as good setting characteristics.

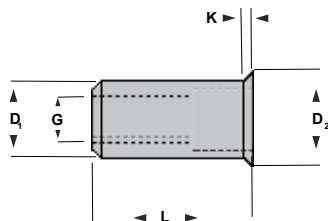


Aluminium Rivet Nut

Open End
Standard (Dome) Head
Round Body



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	11.0	9	0.8	6.1	500	143 3676
	2.5	4.5	6	13.0	9	0.8	6.1	500	143 3677
M5	0.25	3.0	7	11.5	10	1.0	7.1	500	143 3678
	2.5	5.0	7	13.5	10	1.0	7.1	500	143 3679
M6	0.25	3.5	9	15.5	12	1.5	9.1	250	143 3680
	3.0	5.5	9	18.0	12	1.5	9.1	250	143 3681
M8	0.25	3.5	11	17.0	14	1.5	11.1	100	143 3682
	3.0	6.0	11	20.0	14	1.5	11.1	100	143 3683
M10	0.25	3.5	12	17.5	15	1.5	12.1	100	143 3684
	3.0	6.0	12	20.5	15	1.5	12.1	100	145 5345



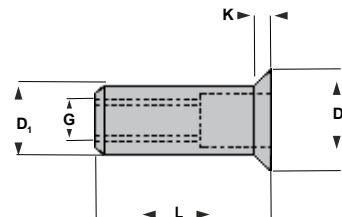
Aluminium Rivet Nut

Open End
Small Head
Round Body

Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	3.0	6	12.0	6.9	0.6	6.1	500	143 3685
M5	0.5	3.0	7	12.5	7.9	0.6	7.1	500	143 3686
M6	0.5	3.5	9	15.5	9.9	0.6	9.1	250	143 3687
M8	0.5	3.5	11	17.0	11.9	0.6	11.1	100	143 3688

Aluminium Rivet Nut

Open End
Countersunk Head
Round Body



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	1.5	3.5	6	12.0	9	1.5	6.1	500	145 5346
	3.0	5.0	6	13.5	9	1.5	6.1	500	145 5347
M5	1.5	4.0	7	13.5	10	1.5	7.1	500	145 5348
	3.5	6.0	7	15.5	10	1.5	7.1	500	145 5349
M6	1.5	4.5	9	17.0	12	1.5	9.1	250	145 5350
	4.0	6.5	9	19.0	12	1.5	9.1	250	145 5351
M8	1.5	4.5	11	18.5	14	1.5	11.1	100	145 5352
	4.0	6.5	11	20.5	14	1.5	11.1	100	145 5353
M10	1.5	4.5	12	19.0	15	1.5	12.1	100	145 5354
	4.0	6.5	12	21.0	15	1.5	12.1	100	145 5355

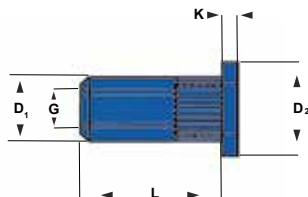
Steel Blind Rivet Nut

The GESIPA® Steel Blind Rivet Nut is the ideal standard fastener for various applications, especially for thin sheet metal, aluminium sheet and aluminium cast parts. The Steel Blind Rivet Nut creates a high class thread, which is according to a nut strength category of 8.8

The advantage of this high-class thread is that the user can use screws with a strength of 8.8 and the related assembly characteristics. So it is also possible to use the GESIPA® Steel Blind Rivet Nut for prestressed and slip-proofed screwed fastenings.

The GESIPA® Steel Blind Rivet Nut is produced using a low carbon steel material with Zinc plating for the corrosion resistance. Through the thread forming process the thread of the Blind Rivet Nut is work-hardened, this helps to achieve a stable high strength thread.





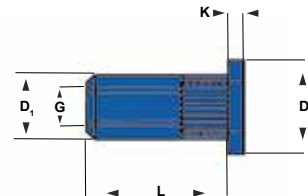
Steel Rivet Nut

Open End
Standard (Dome) Head
Splined

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M3	0.5	2.0	4.9	10.5	8	0.8	5.0	500	* Available on request
M4	0.25	3.0	6	11.0	9	0.8	6.1	500	143 3703
	2.5	4.5	6	13.0	9	0.8	6.1	500	145 5362
M5	0.25	3.0	7	11.5	10	1.0	7.1	500	143 3704
	2.5	5.0	7	13.5	10	1.0	7.1	500	143 3705
M6	0.25	3.5	9	15.5	12	1.5	9.1	250	143 3706
	3.0	5.5	9	18.0	12	1.5	9.1	250	145 5363
	5.5	8.0	9	21.5	12	1.5	9.1	200	145 0364
	8.0	11.0	9	24.5	12	1.5	9.1	200	145 0365
M8	0.25	3.5	11	17.0	14	1.5	11.1	100	143 3707
	3.0	6.0	11	20.0	14	1.5	11.1	100	143 3708
	6.0	9.0	11	21.5	16	1.5	11.1	100	145 0366
	9.0	12.0	11	25.5	16	1.5	11.1	100	145 0367
M10	0.25	3.5	12	17.5	15	1.5	12.1	100	143 3709
	3.0	6.0	12	20.5	15	1.5	12.1	100	143 3710

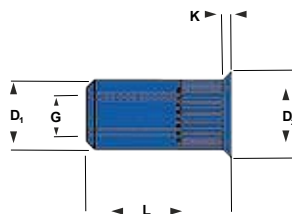
Steel Rivet Nut

Open End
Standard (Dome) Head
Splined



Thread Size	Grip Range		Body Diameter D_1	Length L	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M10	0.5	3.5	12.9	19.5	17	2.0	13	*	*
	3.5	6.0	12.9	22.5	17	2.0	13	*	*
	6.0	9.0	12.9	25.5	17	2.0	13	*	*
	9.0	12.0	12.9	28.5	17	2.0	13	*	*
M12	1.0	4.0	15.9	25.5	20	2.0	16	*	*
	4.0	7.0	15.9	28.5	20	2.0	16	*	*
	7.0	10.0	15.9	31.5	20	2.0	16	*	*

* Available on request



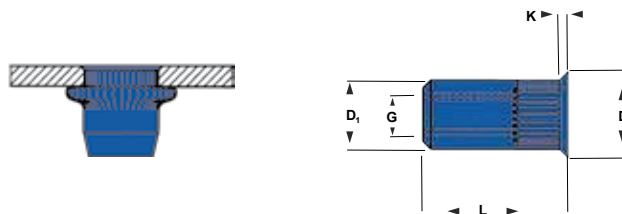
Steel Rivet Nut

Open End
Small Head
Splined

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M3	0.5	2.0	4.9	9.0	6	0.5	5.0		* Available on request
M4	0.25	3.0	6	12.0	7.1	0.6	6.1	500	143 3711
M5	0.25	3.0	7	12.5	8.1	0.6	7.1	500	143 3712
M6	0.25	3.5	9	15.5	10.1	0.6	9.1	250	143 3713
	3.5	5.5	9	19.0	10.1	0.6	9.1	250	145 0368
	5.5	8.0	9	22.0	10.1	0.6	9.1	250	145 0369
M8	0.25	3.5	11	17.0	12.1	0.6	11.1	100	143 3714
	3.5	5.5	11	20.5	12.1	0.6	11.1	100	145 0370
	5.5	9.0	11	23.0	12.1	0.6	11.1	100	145 0371
M10	1.5	4.5	12	18.0	13.1	0.7	12.1	100	146 4890
	4.0	6.5	12	20.0	13.1	0.7	12.1	100	146 4889

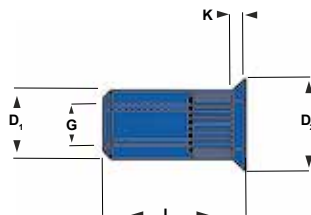
Steel Rivet Nut

Open End
Small Head
Splined



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M10	0.5	3.5	12.9	19.5	14.0	0.8	13	*	*
	3.5	6.0	12.9	22.5	14.0	0.8	13	*	*
	6.0	9.0	12.9	25.5	14.0	0.8	13	*	*
	9.0	12.0	12.9	28.5	14.0	0.8	13	*	*
M12	1.0	4.0	15.9	25.5	17.0	0.8	16	*	*
	4.0	7.0	15.9	28.5	17.0	0.8	16	*	*
	7.0	10.0	15.9	31.5	17.0	0.8	16	*	*

* Available on request



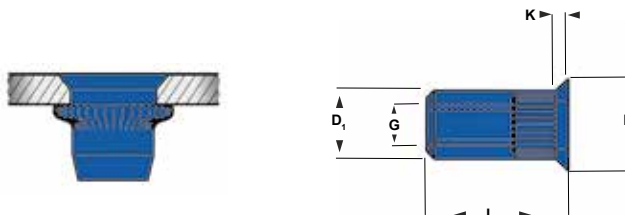
Steel Rivet Nut

Open End
Countersunk Head
Splined

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M3	1.0	2.0	4.9	9.0	7	1.0	5.0		* Available on request
M4	1.5	3.5	6	12.0	9	1.5	6.1	500	145 5365
	3.0	5.0	6	13.5	9	1.5	6.1	500	145 5366
M5	1.5	4.0	7	13.5	10	1.5	7.1	500	145 5367
	3.5	6.0	7	15.5	10	1.5	7.1	500	145 5368
M6	1.5	4.5	9	17.0	12	1.5	9.1	250	145 5369
	4.0	6.5	9	19.0	12	1.5	9.1	250	145 5370
	6.5	9.0	9	23.0	12	1.5	9.1	200	145 0372
M8	1.5	4.5	11	18.5	14	1.5	11.1	100	143 3715
	4.0	6.5	11	20.5	14	1.5	11.1	100	145 5371
	6.5	9.0	11	23.0	14	1.5	11.1	100	145 0373
M10	1.5	4.5	12	19.0	15	1.5	12.1	100	145 5372
	4.0	6.5	12	21.0	15	1.5	12.1	100	145 5373

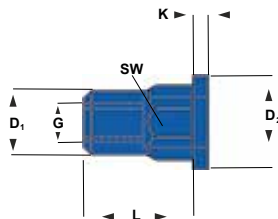
Steel Rivet Nut

Open End
Countersunk Head
Splined



Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M10	1.5	4.5	12.9	20.5	16.0	1.5	13	*	*
	4.0	6.5	12.9	23.5	16.0	1.5	13	*	*
	6.5	9.0	12.9	26.5	16.0	1.5	13	*	*
	9.0	12.0	12.9	31.5	16.0	1.5	13	*	*
M12	1.7	4.5	15.9	26.5	19.0	1.7	16	*	*
	4.0	7.0	15.9	29.0	19.0	1.7	16	*	*
	7.0	10.0	15.9	31.5	19.0	1.7	16	*	*

* Available on request



Steel Rivet Nut

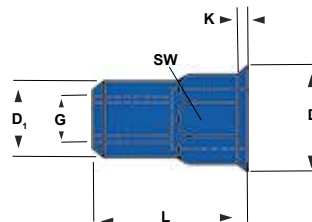
Open End
Standard (Dome) Head
Half Hexagonal

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	2.0	6	11.0	9	0.8	SW6 +0.1	500	145 5377
M5	0.5	3.0	7	12.0	10	1.0	SW7 +0.1	500	145 5378
M6	0.5	3.0	9	15.5	13	1.5	SW9 +0.1	250	145 5379
M8	0.5	3.0	11	17.0	16	1.5	SW11 +0.1	100	143 3716
M10	0.5	3.5	12.9	19.5	19	2.0	SW13 +0.1	*	*
	3.5	6.0	12.9	22.5	19	2.0	SW13 +0.1	*	*
M12	1.0	4.0	15.9	25.5	22	2.0	SW16 +0.1	*	*
	4.0	7.0	15.9	28.5	22	2.0	SW16 +0.1	*	*

* Available on request

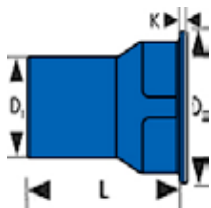
Steel Rivet Nut

Open End
Small Head
Half Hexagonal



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	2.0	6	11.0	7.2	0.6	SW6 +0.1	500	145 5380
M5	0.5	3.0	7	12.0	8.2	0.6	SW7 +0.1	500	145 5381
M6	0.5	3.0	9	15.5	10.2	0.6	SW9 +0.1	250	145 5382
M8	0.5	3.0	11	17.0	12.2	0.6	SW11 +0.1	100	145 5383
M10	0.5	3.5	12.9	19.5	14.4	0.8	SW13 +0.1	*	*
	3.5	6.0	12.9	22.5	14.4	0.8	SW13 +0.1	*	*
M12	1.0	4.0	15.9	25.5	17.4	0.8	SW16 +0.1	*	*
	4.0	7.0	15.9	28.5	17.4	0.8	SW16 +0.1	*	*

* Available on request



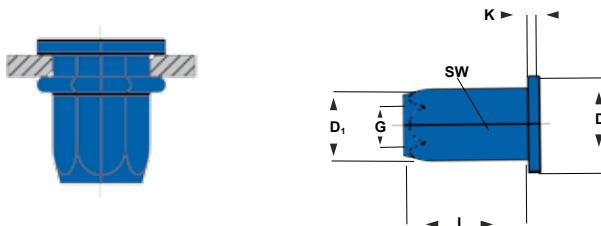
Steel Rivet Nut

Open End
Standard Head
Square Body

Thread Size	Grip Range		Body Diameter D_1	Length L	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M5	0.5	3.0	7	12.0	10	1.0	7.1	500	146 4921
M6	0.5	3.0	9	15.5	13	1.5	9.1	250	146 4922
M8	0.5	3.0	11	17	16	1.5	11.1	100	146 4923

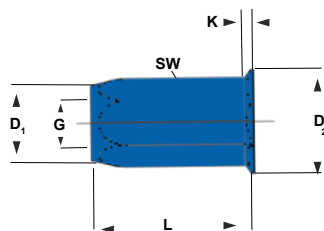
Steel Rivet Nut

Open End
Standard (Dome) Head
Full Hexagonal



Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	2.5	5.9	11.0	9	0.8	SW6 +0.1	*	*
M5	0.5	3.0	6.9	11.5	10	1	SW7 +0.1	*	*
	2.5	5.0	6.9	13.5	10	1	SW7 +0.1	*	*
M6	0.5	3.0	8.9	15.5	13	1.5	SW9 +0.1	*	*
	3.0	5.5	8.9	18.0	13	1.5	SW9 +0.1	*	*
M8	0.5	3.0	10.9	17.0	16	1.5	SW11 +0.1	*	*
	3.0	5.5	10.9	20.0	16	1.5	SW11 +0.1	*	*
M10	1.0	3.5	12.9	19.5	19	2	SW13 +0.1	*	*
	3.5	6.0	12.9	22.5	19	2	SW13 +0.1	*	*
M12	1.0	4.0	15.9	25.5	22	2	SW16 +0.1	*	*
	4.0	7.0	15.9	28.5	22	2	SW16 +0.1	*	*

* Available on request



Steel Rivet Nut

Open End
Small Head
Full Hexagonal

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	2.5	5.9	11.0	7.4	0.6	SW6 +0.1	*	*
	2.5	4.5	5.9	13.0	7.4	0.6	SW6 +0.1	*	*
M5	0.5	3.0	6.9	11.5	8.4	0.7	SW7 +0.1	*	*
	3.0	5.5	6.9	13.5	8.4	0.7	SW7 +0.1	*	*
M6	0.5	3.0	8.9	15.5	10.4	0.7	SW9 +0.1	*	*
	3.0	6.0	8.9	18.0	10.4	0.7	SW9 +0.1	*	*
M8	1.0	3.5	10.9	18.0	12.4	0.7	SW11 +0.1	*	*
	3.5	6.0	10.9	21.0	12.4	0.7	SW11 +0.1	*	*
M10	1.0	3.5	12.9	19.5	14.4	0.8	SW13 +0.1	*	*
	3.5	6.5	12.9	22.5	14.4	0.8	SW13 +0.1	*	*
M12	1.0	4.0	15.9	25.5	16.4	0.8	SW16 +0.1	*	*
	4.0	7.0	15.9	28.5	16.4	0.8	SW16 +0.10	*	*

* Available on request

Stainless Steel Blind Rivet Nut

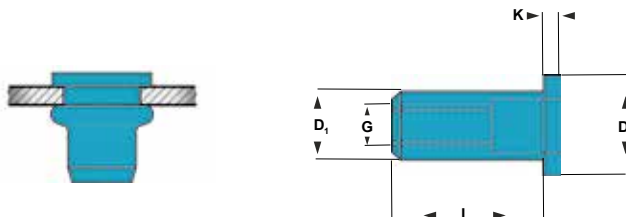
The GESIPA® Stainless Steel Blind Rivet Nut is the solution for applications which require high strength and forces as well as high requirements for corrosion resistance, e.g. outdoor applications, saltwater and also the food industry.

The GESIPA® Stainless Steel Blind Rivet Nut are with the material A2 (1.4567) and A4 (1.4578).

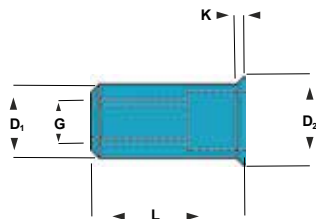


Stainless Steel A2

Open End
Standard (Dome) Head
Round Body



Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	11.0	9	0.8	6.1	500	145 5444
	2.5	4.0	6	13.0	9	0.8	6.1	500	145 5445
M5	0.25	3.0	7	11.5	10	1.0	7.1	500	143 3725
	2.5	4.5	7	13.5	10	1.0	7.1	500	143 3726
M6	0.25	3.5	9	15.5	12	1.5	9.1	250	145 5446
	3.0	5.5	9	18.0	12	1.5	9.1	250	145 5447
M8	0.25	3.5	11	17.0	14	1.5	11.1	100	145 5448
	3.0	6.0	11	20.0	14	1.5	11.1	100	145 5449
M10	0.5	3.0	12.9	17.0	16	2	13	* Available on request	* Available on request
	3.0	5.5	12.9	20.0	16	2	13	* Available on request	* Available on request



Stainless Steel A2

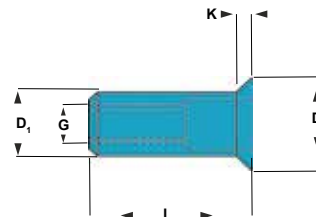
Open End
Small Head
Round Body

Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	12.0	7.1	0.7	6.1	500	143 3727
M5	0.25	3.0	7	12.5	8.1	0.7	7.1	500	143 3728
M6	0.25	3.5	9	15.5	10.1	0.7	9.1	250	143 3729
M8	0.25	3.5	11	17.0	12.1	0.7	11.1	100	143 3730
M10	0.50	3.5	12.9	19.5	14	0.8	13	*	*

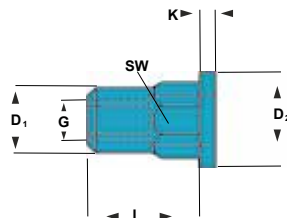
* Available on request

Stainless Steel A2

Open End
Countersunk Head
Round Body



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	1.5	3.0	6	12.0	9	1.6	6.1	500	143 3731
	2.5	4.0	6	13.0	9	1.6	6.1	500	145 5450
M5	1.5	4.0	7	13.5	10	1.6	7.1	500	143 3732
	3.5	6.0	7	15.5	10	1.6	7.1	500	145 5451
M6	1.5	4.5	9	17.0	12	1.6	9.1	250	143 3733
	4.0	6.0	9	18.5	12	1.6	9.1	250	145 5452
M8	0.5	4.5	11	18.5	14	1.6	11.1	100	143 3734
	4.0	6.0	11	20.0	14	1.6	11.1	100	145 5453
M10	1.5	3.0	12.9	20.0	15	1.6	13	* Available on request	* Available on request
	3.0	4.5	12.9	22.5	16	1.7	13	* Available on request	* Available on request



Stainless Steel A2

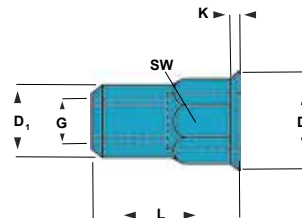
Open End
Standard (Dome) Head
Half Hexagonal

Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	3.0	6	11.0	9	0.8	SW6 +0.1	500	145 5454
M5	0.5	3.0	7	12.0	10	1.0	SW7 +0.1	500	145 5455
M6	0.5	3.0	9	15.5	13	1.5	SW9 +0.1	250	145 5456
M8	0.5	3.0	11	17.0	16	1.5	SW11 +0.1	100	145 5457
M10	0.5	3.5	12.9	20.5	19	2	SW13 +0.1	*	*
	3.5	5.5	12.9	22.5	19	2	SW13 +0.1	*	*

* Available on request

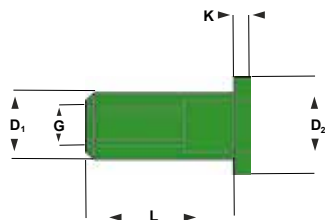
Stainless Steel A2

Open End
Small Head
Half Hexagonal



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	2.0	6	11.0	7.2	0.6	SW6 +0.1	500	145 5458
M5	0.5	3.0	7	12.0	8.2	0.6	SW7 +0.1	500	145 5459
M6	0.5	3.0	9	15.5	10.2	0.6	SW9 +0.1	250	145 5460
M8	0.5	3.0	11	17.0	12.2	0.6	SW11 +0.1	100	145 5461
M10	0.5	3.5	12.9	19.0	14.4	0.8	SW13 +0.1	*	*

* Available on request



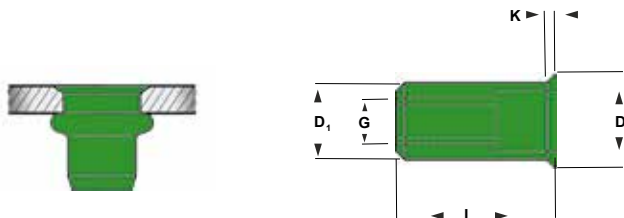
Stainless Steel A4

Open End
Standard (Dome) Head
Round Body

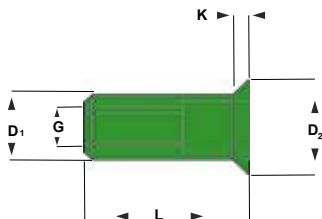
Thread Size	Grip Range		Body Diameter D_1	Length L	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	11.0	9	0.8	6.1	500	145 5468
	2.5	4.0	6	13.0	9	0.8	6.1	500	145 5473
M5	0.25	3.0	7	11.5	10	1.0	7.1	500	145 5475
	2.5	4.5	7	13.5	10	1.0	7.1	500	145 5478
M6	0.25	3.5	9	15.5	12	1.5	9.1	250	145 5462
	3.0	5.5	9	18.0	12	1.5	9.1	250	145 0381
M8	0.25	3.5	11	17.0	14	1.5	11.1	100	145 5480
	3.0	6.0	11	20.0	14	1.5	11.1	100	145 5485

Stainless Steel A4

Open End
Small Head
Round Body



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	12.0	7.1	0.7	6.1	500	145 5472
M5	0.25	3.0	7	12.5	8.1	0.7	7.1	500	145 5476
M6	0.25	3.5	9	15.5	10.1	0.7	9.1	250	145 5465
M8	0.25	3.5	11	17.0	12.1	0.7	11.1	100	145 5481
	3.0	6.0	11	19.0	12.2	0.7	11.1	100	145 5488



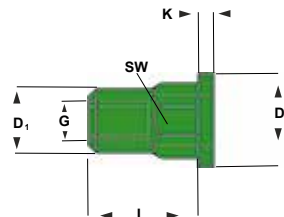
Stainless Steel A4

Open End
Countersunk Head
Round Body

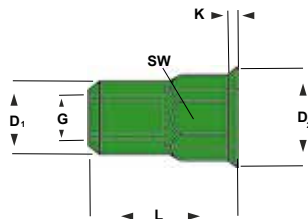
Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	1.5	3.0	6	12.0	9	1.6	6.1	500	145 5471
	2.5	4.0	6	13.0	9	1.6	6.1	500	145 5474
M5	1.5	4.0	7	13.5	10	1.6	7.1	500	145 5479
	3.5	6.0	7	15.5	10	1.6	7.1	500	145 0382
M6	1.5	4.5	9	17.0	12	1.6	9.1	250	145 5464
	4.0	6.0	9	18.5	12	1.6	9.1	250	145 5463
M8	0.5	4.5	11	18.5	14	1.6	11.1	100	145 5484
	4.0	6.0	11	20.0	14	1.6	11.1	100	145 5486

Stainless Steel A4

Open End
Standard (Dome) Head
Half Hexagonal



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	3.0	6	11.0	9	0.8	SW6 +0.1	500	145 5469
M5	0.5	3.0	7	12.0	10	1.0	SW7 +0.1	500	144 6456
M6	0.5	3.0	9	15.5	13	1.5	SW9 +0.1	250	145 5466
M8	0.5	3.0	11	17.0	16	1.5	SW11 +0.1	100	145 5482



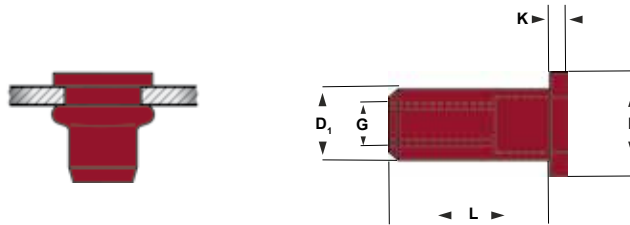
Stainless Steel A4

Open End
Small Head
Half Hexagonal

Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.5	2.0	6	11.0	7.2	0.6	SW6 +0.1	500	145 5470
M5	0.5	3.0	7	12.0	8.2	0.6	SW7 +0.1	500	145 5477
M6	0.5	3.0	9	15.5	10.2	0.6	SW9 +0.1	250	145 5467
M8	0.5	3.0	11	17.0	12.2	0.6	SW11 +0.1	100	145 5483

Monel

Open End
Standard (Dome) Head
Round Body

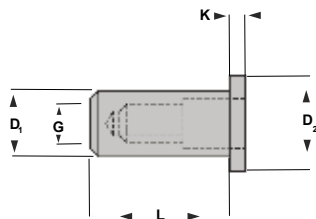


Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M5	0.25	3.0	7	11.5	10	1.0	7.1	500	146 4292
M6	0.25	3.5	9	15.5	12	1.5	9.1	250	145 5489
	3.0	5.5	9	18	12	1.5	9.1	250	145 0383
M8	0.25	3.5	11	17	14	1.5	11.1	100	146 4291

CAP Blind Rivet Nut

The GESIPA® Closed end (CAP) Blind Rivet Nut are the perfect solution for applications where weather tight connections are required. The added sealant to the head provides maximum protection against admission of moisture and dirt and thus are used in corrosive environments.





Aluminium Rivet Nut

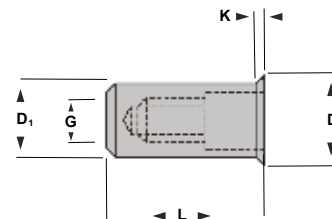
Closed End
Standard (Dome) Head
Round Body

Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	15.0	9	0.8	6.1	500	146 4107
	2.5	4.5	6	17.0	9	0.8	6.1	500	146 4108
M5	0.25	3.0	7	17.0	10	1.0	7.1	500	146 4109
	2.5	5.0	7	19.0	10	1.0	7.1	250	146 4110
M6	0.25	3.0	9	21.5	12	1.5	9.1	100	146 4111
	3.0	5.5	9	24.5	12	1.5	9.1	100	146 4112
M8	0.25	3.0	11	24.0	14	1.5	11.1	100	146 4113
	3.0	6.0	11	27.0	14	1.5	11.1	100	146 4114

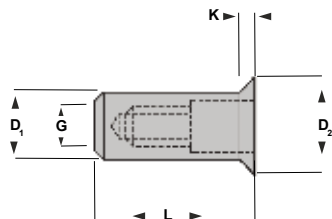
Also available with sealant for complete water tight solution

Aluminium Rivet Nut

Closed End
Small Head
Round Body



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	16.0	6.9	0.6	6.1	500	146 4115
M5	0.25	3.0	7	18.0	7.9	0.6	7.1	500	146 4116
M6	0.25	3.5	9	21.5	9.9	0.6	9.1	100	146 4117



Aluminium Rivet Nut

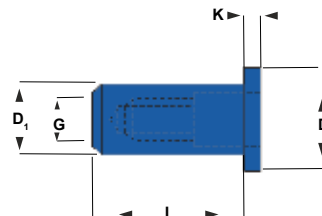
Closed End
Countersunk Head
Round Body

Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	1.5	3.5	6	16.0	9	1.5	6.1	500	146 4099
	3.0	5.0	6	17.5	9	1.5	6.1	500	146 4100
M5	1.5	4.0	7	19.0	10	1.5	7.1	250	146 4101
	3.5	6.0	7	21.0	10	1.5	7.1	250	146 4102
M6	1.5	4.5	9	23.0	12	1.5	9.1	100	146 4103
	4.0	6.5	9	25.0	12	1.5	9.1	100	146 4104
M8	1.5	4.5	11	25.5	14	1.5	11.1	100	146 4105
	4.0	6.5	11	27.5	14	1.5	11.1	100	146 4106

Also available with sealant for complete water tight solution

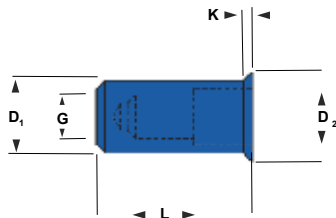
Steel Rivet Nut

Closed End
Standard (Dome) Head
Round Body



Also available with sealant for complete water tight solution

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	15.0	9	0.8	6.1	500	143 2370
	2.5	4.5	6	17.0	9	0.8	6.1	500	143 2369
M5	0.25	3.0	7	17.0	10	1.0	7.1	500	143 2373
	2.5	5.0	7	19.0	10	1.0	7.1	500	143 2374
M6	0.25	3.0	9	21.5	12	1.5	9.1	100	143 2375
	3.0	5.5	9	24.5	12	1.5	9.1	100	143 2376
M8	0.25	3.0	11	24.0	14	1.5	11.1	100	143 2377
	3.0	6.0	11	27.0	14	1.5	11.1	100	143 2378
M10	0.5	3.5	12.9	23.5	17	2.0	13	* Available on request	* Available on request
	3.5	6.0	12.9	26.5	17	2.0	13	* Available on request	* Available on request
M12	6.0	9.0	12.9	29.5	17	2.0	13	* Available on request	* Available on request
	1.0	4.0	15.9	29.5	20	2.0	16	* Available on request	* Available on request
	4.0	7.0	15.9	32.5	20	2.0	16	* Available on request	* Available on request



Steel Rivet Nut

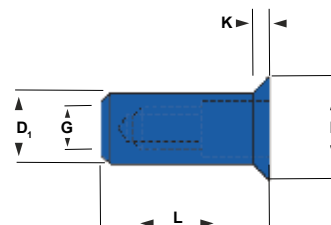
Closed End
Small Head
Round Body

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M4	0.25	3.0	6	16.0	6.9	0.6	6.1	500	146 4295
M5	0.25	3.0	7	18.0	7.9	0.6	7.1	500	146 4294
M6	0.25	3.5	9	21.5	9.9	0.6	9.1	100	146 4293
M8	0.25	3.0	11	24.5	12.1	0.6	11.1	100	151 7125
M10	0.5	3.5	12.9	24.5	14.0	0.8	13	*	*
	3.5	6.0	12.9	27.5	14.0	0.8	13	*	*
	6.0	9.0	12.9	30.5	14.0	0.8	13	*	*
M12	1.0	4.0	15.9	30.5	17.0	0.8	16	*	*
	4.0	7.0	15.9	33.5	17.0	0.8	16	*	*

* Available on request

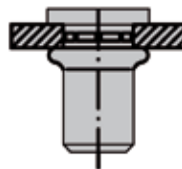
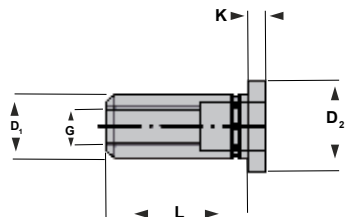
Steel Rivet Nut

Closed End
Countersunk Head
Round Body



Also available with sealant for complete water tight solution

Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M4	1.5	3.5	6	16.0	9	1.5	6.1	500	143 2379
	3.0	5.0	6	17.5	9	1.5	6.1	500	143 2380
M5	1.5	4.0	7	19.0	10	1.5	7.1	250	143 2381
	3.5	6.0	7	21.0	10	1.5	7.1	250	143 2382
M6	1.5	4.5	9	23.0	12	1.5	9.1	100	143 2383
	4.0	6.5	9	25.0	12	1.5	9.1	100	143 2385
M8	1.5	4.5	11	25.5	14	1.5	11.1	100	146 4297
	4.0	6.5	11	27.5	14	1.5	11.1	100	146 4296
M10	1.5	4.5	12.9	24.5	16	1.6	13	* Available on request	* Available on request
	4.0	6.5	12.9	27.5	16	1.6	13	* Available on request	* Available on request
	6.5	9.0	12.9	30.5	16	1.6	13	* Available on request	* Available on request
M12	1.7	4.5	15.9	29.5	19	1.7	16	* Available on request	* Available on request
	4.0	7.0	15.9	32.5	19	1.7	16	* Available on request	* Available on request



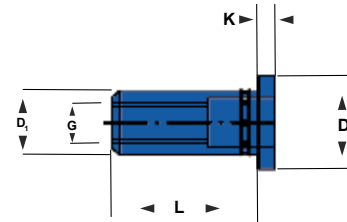
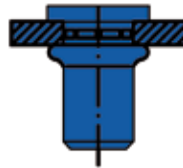
Aluminium Rivet Nut

Open End
Standard (Dome) Head
PolyGrip

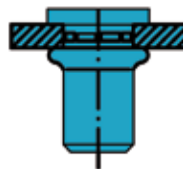
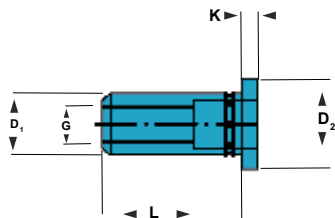
Thread Size	Grip Range		Body Diameter D_1	Length L	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M5	0.25	5.0	7	13.5	10	1.0	7.1	500	143 3791
M6	0.25	6.0	9	18.0	12	1.5	9.1	250	143 3792
M8	0.5	6.5	11	20.0	14	1.5	11.1	100	145 5561

Steel Rivet Nut

Open End
Standard (Dome) Head
PolyGrip



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M5	0.25	5.0	7	13.5	10	1.0	7.1	500	143 3793
M6	0.25	6.0	9	18.0	12	1.5	9.1	250	143 3794
M8	0.5	6.5	11	20.0	14	1.5	11.1	100	143 3795



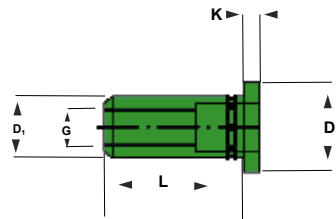
Stainless Steel A2

Open End
Standard (Dome) Head
PolyGrip

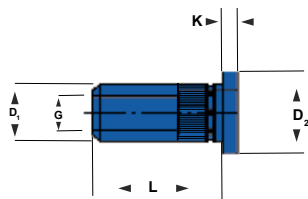
Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M5	0.25	5.0	7	13.5	10	1.0	7.1	500	143 3796
M6	0.25	6.0	9	18.0	12	1.5	9.1	250	143 3797
M8	0.5	6.5	11	20.0	14	1.5	11.1	100	143 3798

Stainless Steel A4

Open End
Standard (Dome) Head
PolyGrip



Thread Size	Grip Range		Body Diameter D_1	Length	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M5	0.25	5.0	7	13.5	10	1.0	7.1	500	145 0393
M6	0.5	6.0	9	18.0	12	1.5	9.1	250	145 5567
M8	0.5	6.5	11	20.0	14	1.5	11.1	100	145 5568



Steel Rivet Nut

Open End
Standard (Dome) Head
PolyGrip Splined

Thread Size	Grip Range		Body Diameter D_1	Length L	Head Diameter D_2	Head K	Hole $\varnothing$	Box Qty	Part Nr.
	Min	Max.							
M6	0.25	6.0	9	18	12	1.5	9.1	250	145 5562
M8	0.25	6.5	11	20	14	1.5	11.1	100	145 5563

M8 also a available in ZINi surface finish: Part No. 656 5003

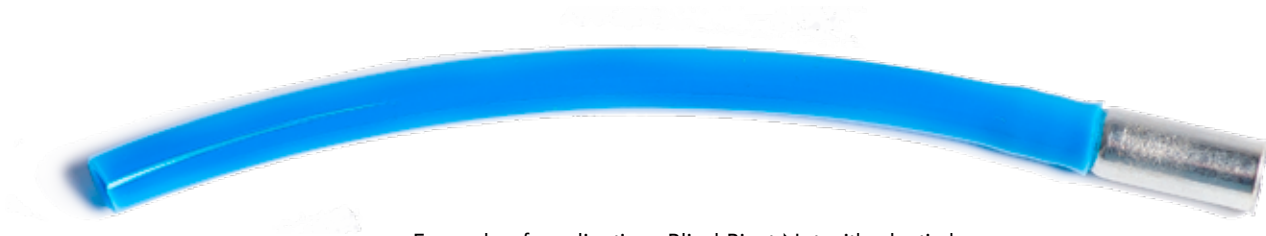
Hose Connector

Small Head

Steel



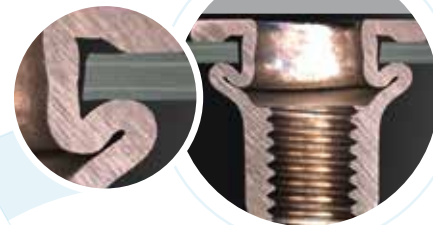
Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
	Min	Max.							
M5	0.25	3.0	7	26	8.1	0.7	7.1	250	145 5364



Example of application: Blind Rivet Nut with plastic hose

SoftGrip® - Blind rivet nuts for composite material

SoftGrip® blind rivet nuts from GESIPA® make it easy to produce high-quality threads in sensitive lightweight applications



Advantages

- Fast processes
- Tight fit with the components
- Process monitoring and process control are possible
- High strength
- Not dependent on surface properties
- No other materials required (adhesive)
- No ageing
- Accessible from one side
- No delamination of the CFRP
- Smaller edge spacing of the holes
- Large grip range
- Stainless steel for high **corrosion resistance**
- Higher hole drilling tolerances

SoftGrip®

Steel

Standard
Dome Head

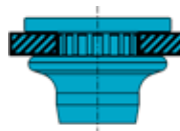


Thread Size	Min	Max.	Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
M6	0.5	4.5	9	20.0	K13	K13	9.1	100	156 8810
	4.5	6.5	9	20.0	K13	K13	9.1	100	156 8811
	0.5	4.5	9	20.0	K16	K13	9.1	100	156 8874
	4.5	6.5	9	20.0	K16	K13	9.1	100	165 8875
	0.5	4.5	9	20.0	K18	K13	9.1	100	156 8878
	4.5	6.5	9	20.0	K18	K13	9.1	100	156 8879

PERFECT FOR PLASTICS AND SOFT MATERIALS



Other dimensions available on request.



SoftGrip®

Stainless Steel A2

Standard
Dome Head

Thread Size	Min	Max.	Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
M6	0.5	4.5	9	20.0	K16	K16	9.1	100	152 3786
	4.5	6.5	9	20.0	K16	K16	9.1	100	152 3787
	0.5	4.5	9	20.0	K18	K18	9.1	100	156 7589
	4.5	6.5	9	20.0	K18	K18	9.1	100	156 8804

IDEAL FOR CARBON FIBRE MATERIAL

SoftGrip®

Stainless Steel A4

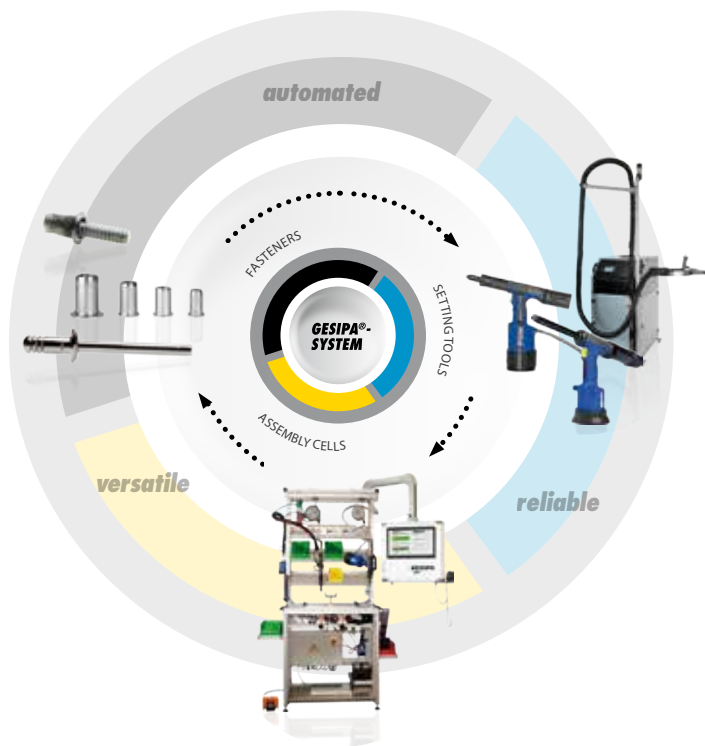
Standard
Dome Head



Thread Size	Min	Max.	Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Hole Ø	Box Qty	Part Nr.
M6	0.5	4.5	9	20.0	K16	K16	9.1	100	156 8805
	4.5	6.5	9	20.0	K16	K16	9.1	100	156 8806
	0.5	4.5	9	20.0	K18	K18	9.1	100	156 8807
	4.5	6.5	9	20.0	K18	K18	9.1	100	156 8808

IDEAL FOR CARBON FIBRE MATERIAL

New Technology



LIGHT WEIGHT Blind Rivet Nut

By optimising the material, the light weight blind rivet nut has the same mechanical properties as the standard blind rivet nut but reduces the weight up to 50% in the application.

Advantages

- Weight reduction of up to 50%
- High strength
- Improved dimensions, thus a reduced space requirement in the application areas

Automotive Application examples

- Bodywork (light-weight material)
- Attachments (plastic)
- Structural Components (Aluminium)



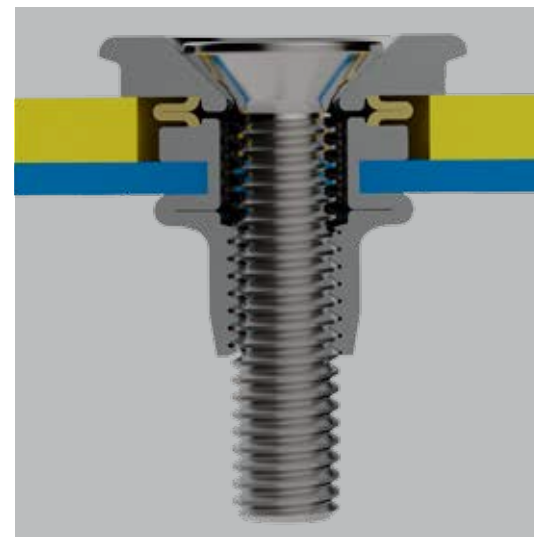


GESIPA® G-FAST

The Blind rivet nut screw system from GESIPA® – Fast and repeatable!

ADVANTAGES

- Removable screw rivet connection savings up to 50% of assembly time per connection (approx. 6.5 seconds per connection)
- Easy and fast assembly by one-way access to the riveting position
- No thermal influences to the parts
- No post-processing required
- Low investment and high flexibility in the assembly equipment
- Versatile, e.g. For hybrid connections
- Reduces cost per connection during assembly
- Reduction in process times



GESIPA® G-FAST

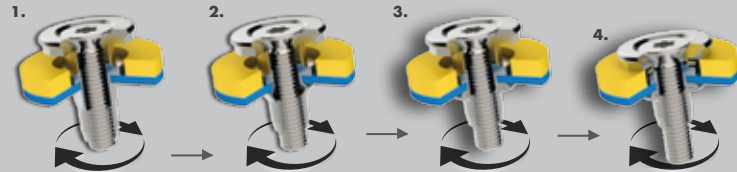
The new patented "blind rivet nut screw system" from GESIPA® - the combination of blind rivet nut and screw in one fastener. This combination provides a high-quality thread and fasteneing a component in thin material applications in a single process. By combining the riveting process and providing screws in a single step, it can be up to 50% of the application assembly time.



G-Fast

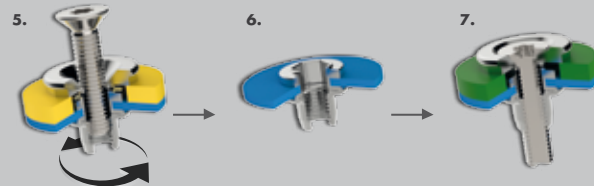
SETTING PROCESS

- Step 1:** Position the components and the G-Fast
- Step 2:** Set start by applying torque
- Step 3:** Place the blind rivet nut and insert
- Step 4:** Fasten the components together



SERVICING

- Step 5:** Loosen the screw connection
- Step 6:** Replace the joining part
- Step 7:** Re-screw the connection

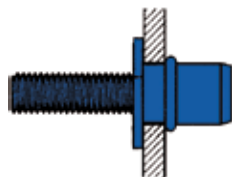


SETTING PROCESS

- Available in M5 - M8 steel
- Covers large grip range
- Up to 50% time savings per connection
- Can be optimised according to the application
- Can be set using standard battery or pneumatic screw driver
- Automated process
- Reduction of the variety of parts in the application

Blind Rivet Nut Studs





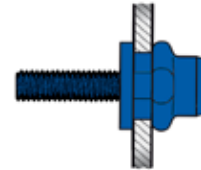
Steel Rivet Nut Stud

Standard (Dome) Head
Round

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Min. Protruding Stud Length		Hole Ø	Box Qty	Part Nr.
	Min	Max.					Before Setting	After Setting			
M4	0.25	3.0	6	11.0	9	0.8	10.0	11.0 - 12.0	6.1	200	143 3665
M5	0.25	3.0	7	11.5	10	1.0	11.5	12.5 - 14.5	7.1	150	145 5330
M6	0.25	3.0	9	15.5	12	1.5	11.0	12.0 - 14.0	9.1	150	145 5331
M8	0.25	3.0	11	17.0	14	1.5	15.5	17.0 - 19.0	11.1	100	145 5332
M10	0.25	3.5	12	17.5	15	1.5	12.0	14.0 - 16.0	12.1		

Steel Rivet Nut Stud

Standard (Dome) Head
Half Hexagonal



Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Min. Protruding Stud Length		Hole Ø	Box Qty	Part Nr.
	Min	Max.					Before Setting	After Setting			
M4	0.5	2.0	6	11.0	9	0.8	10.0	11.0 - 12.0	SW6 +0.1	200	145 0359
M5	0.5	3.0	7	12.0	10	1.0	11.5	12.0 - 14.0	SW7 +0.1	150	145 0360
M6	0.5	3.0	9	15.5	13	1.5	11.0	12.0 - 14.0	SW9 +0.1	100	145 0361
M8	0.5	3.0	11	17.0	16	1.5	15.5	17.0 - 19.0	SW11 +0.1	100	145 0362



Steel Rivet Nut Stud

Standard
Splined
Polygrip

Thread Size	Grip Range		Body Diameter D ₁	Length	Head Diameter D ₂	Head K	Min. Protruding Stud Length		Hole Ø	Box Qty	Part Nr.
	Min	Max.					Before Setting	After Setting			
M6	0.5	6.5	9	18.0	12	1.5	13.1	15.6 - 18.9	9.1	100	146 4481
M8	0.5	8.0	11	20.0	14	1.5	11.1	12.9 - 18.9	11.1	50	146 4480

Threaded Fasteners Setting Tools



**Hydro-pneumatic
blind rivet nut
setting tools**



FireFox® 1 F



FireFox® 2 F
with setting force



FireFox® 2



FireFox® 2 F L



FireFox® 1 F with
conversion kit for blind
rivet nut studs



FireFox® 1 F Axial eco



FireFox® 2 F Axial eco



GBM 95

**Battery-powered
blind rivet nut
setting tools**



FireBird®



FireBird® Pro



FireBird® Pro Gold
Edition



FireBird® Gold Edition
with conversion kit for
blind rivet nut studs

FireFox® C WinTech

In order to help operators monitor the blind rivet nut setting process on production lines, GESIPA® developed the FireFox® C

By using new three-window measuring technology, the user can define three evaluation windows by means of special software.

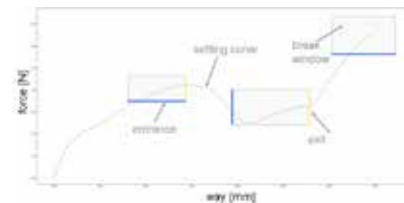
Applications

Due to its capabilities of checking and documenting the setting process, FireFox® C WinTech can be highly beneficial in setting blind rivet nuts and studs in the serial production of safety critical components as well as in automated setting processes

Advantages

Using FireFox® C WinTech as a setting tool gives users

1. High process safety
2. Documentation of each individual setting process
3. Less scrap as errors can be immediately identified
4. An option to implement into the customers own PLC system using alongside the GESIPA® interface
5. Less requirement of training procedures and also takes the onus away from the operator



Scan to watch the video

FireRex®

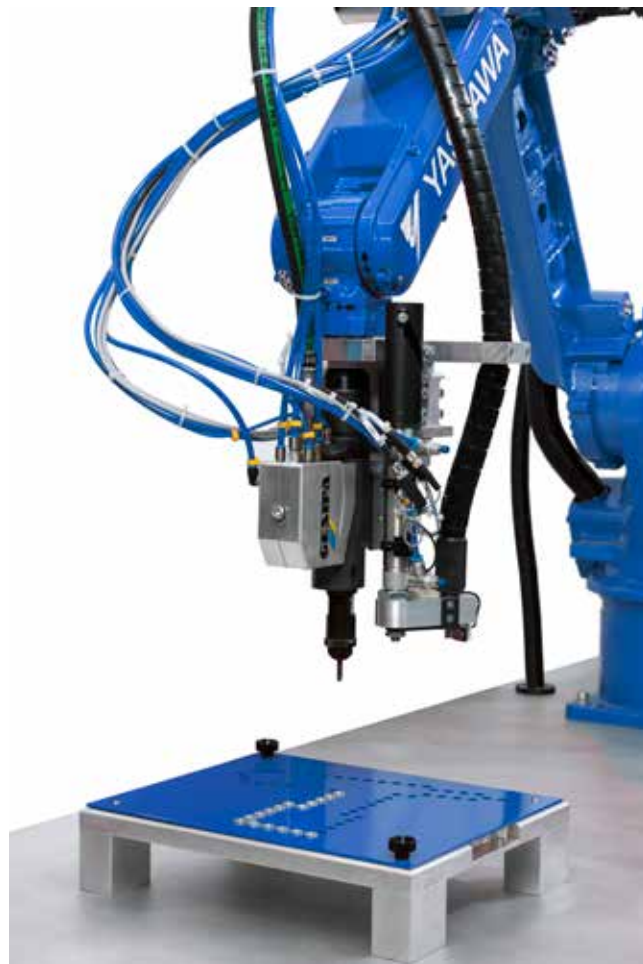
Pick & Place and automatic Supply

Advantages of multiaxial robot:

- Cost effective from annual quantity of **500.000 blind rivets per year**
- Up to 50 % time and costs savings
- Can be easily integrated into production systems
- **Up to 35 BRN / BRNS per min** (plus positioning)
- M3 – M10 all materials
- Bis M12 aluminium & steel



Scan to watch the video



What rivets what?

Tools	Energy	Blind rivet nuts						
		M3	M4	M5	M6	M8	M10	M12
FireFox® 1 F	P				AS			
FireFox® 2	P							A S
FireFox® 2 F	P							AS
FireFox® 2 F L	P							A S
FireRex®	P							A S
GBM 95	P							
FireBird®	B					AS	A	
FireBird® Pro								
FireBird® Pro Gold Edition	B						AS	

B: Battery tool
 P: Hydro-pneumatic tool
 A: Alu/Copper
 S: Steel
 E: Stainless Steel

Blue box: All materials (ASE) can be riveted.
 Where there are exceptions, the letters of the rivetable materials are provided directly in the box.

Technical Data

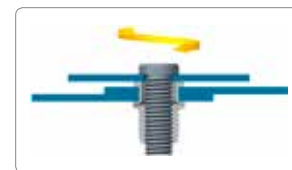


Technical Data on GESIPA® Threaded Inserts

Technical Data on Rivet Nuts

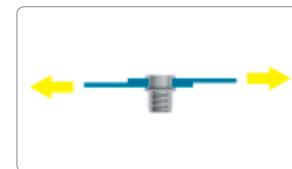
The tightening torque (Nm) and (lb-ft)

	Alu		Steel		Stainless steel A2 /A4 / Monel	
	Nm	(lb-ft)	Nm	(lb-ft)	Nm	(lb-ft)
M4	2.5	1.8	3.0	2.2	5.5	4.1
M5	5.0	3.7	8.0	5.9	14.0	10.3
M6	9.5	7.0	12.0	8.9	27.0	19.9
M8	17.5	12.9	30.0	22.1	40.0	29.5
M10	28.0	20.7	38.0	28.0		



Shear strength (N) and (kp)

	Alu		Steel		Stainless steel A2 /A4 / Monel	
	N	(kp)	N	(kp)	N	(kp)
M4	1,000	102	1,500	153	2,250	229
M5	1,400	143	2,200	224	3,200	326
M6	2,200	224	3,900	397	5,750	586
M8	3,000	306	5,100	520	7,600	774
M10	3,600	367	6,000	611		

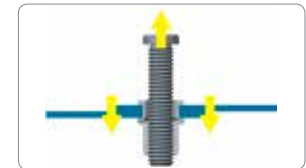


Technical Data on GESIPA® Threaded Inserts

Technical Data on Rivet Nuts

Thread (N) and (kp)

	Alu		Steel		Stainless steel A2 /A4 / Monel	
	N	(kp)	N	(kp)	N	(kp)
M4	4,800	489	8,000	815	10,000	1,019
M5	5,700	581	11,500	1,172	15,000	1,529
M6	9,500	968	18,000	1,836	>25,000	2,548
M8	13,000	1,325	28,000	2,853	>30,000	3,057
M10	14,000	1,427	30,000	3,057		

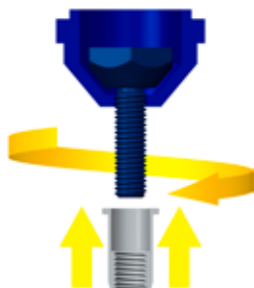


Technical Data on Rivet Nut Studs

	Shear strength		Tensile strength		Max. torque
	N	(kp)	N	(kp)	Nm
M4	5,160	525	6,030	614	3.0
M5	7,200	733	10,800	1,100	8.0
M6	10,800	1,100	17,800	1,812	12.0
M8	18,400	1,873	27,800	2,830	30.0

The values were determined using a screw of the strength class 8.8.

Setting Process for Blind Rivet Nuts



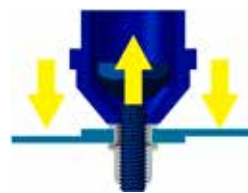
The Rivet Nut is threaded on to the setting tool



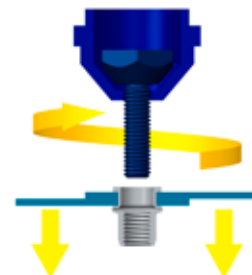
Then the Rivet Nut is inserted into the application



The setting Process starts and the Rivet Nut begins to deform



The Rivet Nut is fully deformed and clamps against the application

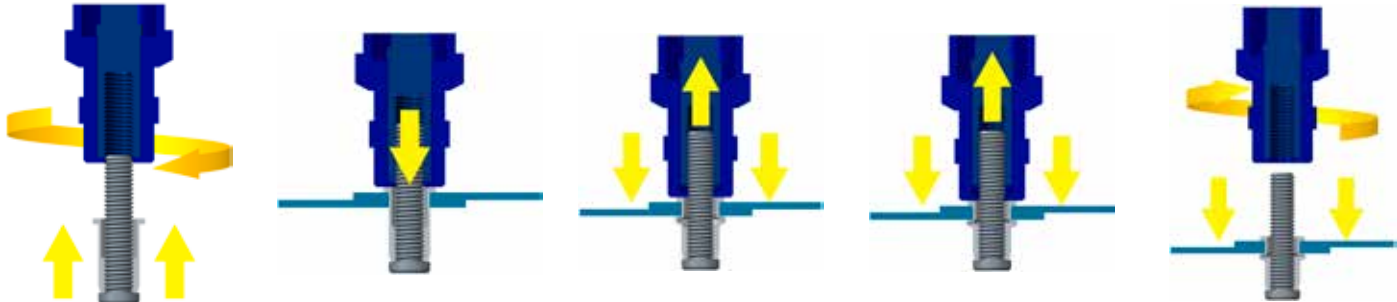


The tool screws off the Rivet Nut leaving it secured in the application



Scan to watch setting video

Setting Process for Blind Rivet Nut Studs



The setting Process starts and
the Rivet Nut Stud begins to deform



Scan to watch setting video

Industry Application Examples



The experts in riveting technologies



Industry	Application	Example Blind Rivet Nut /Rivet Nut Stud
AUTOMOTIVE	Steering Column	M6 Steel Rivet Nut Stud
	Fixing Dash Module Bracket	M6 Hexagonal Closed End Blind Rivet Nut
	Engine Compartment cross member	Wedge Head Blind Rivet Nut
	Roof rail Crossbar	M5 Hex Closed End Blind Rivet Nut
	Body-in-white	M5/M6/M8 Open End/ Closed End Blind Rivet Nuts and Rivet Nut Studs
	Fixing for Number Plates	M6 Hex Steel Blind Rivet Nut Crimped
	Door Assembly Column	M6 K 18 Square Body Blind Rivet Nut
	Front Bumper support	M8 Blind Rivet Nut
	Roof Rails/Racks	M6 Dogpoint Sealant Rivet Nut Stud
	Earthing point	M6 Hex Steel Blind Rivet Nut
	Rear Wind screen motor	M6 Square Bodied Blind Rivet Nut
	Door arc	M5 Square Bodied Blind Rivet Nut
	Front Fender	M6 Half Hex and M6 Splined Blind Rivet Nut
	Car crash box	M6 Steel Splined Blind Rivet Nut with wedges on top of head
	Rear Boot Lock	M6 Splined wedge head Rivet Nut Studs
	Spare Wheel Housing	M6 Standard Head Rivet Nut Studs
	Wheel arch and inner wheel arch	M6 Splined Wedge Head Rivet Nut Stud
	Aluminium Structural Systems	M6 Wedge Head Rivet Nuts, M6 Steel Splined Wedge Head Rivet Nut Stud
	Heat Shields	M6 K13 Steel Splined Blind Rivet Nut
	Parking sensor	M6 K15 Square Body Steel Closed End Blind Rivet Nut

Industry	Application	Example Blind Rivet Nut / Rivet Nut Stud
COMMERCIAL VEHICLE	Trailer & Bodywork	M6 x 9 x 15.5 Steel Splined Small Head Blind Rivet Nut
	Caravans	M8 X 11 X 16.5 Small Head Half Hex Steel Blind Rivet Nut
CONSTRUCTION	Drain Channels	M10 Hexagonal Blind Rivet Nut
	Building with Aluminium pipes	M8 x 11 x 19 KK Stainless Steel A4 Blind Rivet Nut
ELECTRICAL	Electrical transformers	M6 x 8.9 x 14.5 Half Hex Steel Blind Rivet Nut

Industry	Application	Example Blind Rivet Nut / Rivet Nut Stud
WHITE GOODS	Pellet stoves heating systems	M5 x 7 x 26 Small Head Steel Hose Connector Blind Rivet Nut
	Overhead projector / white board	M6 9 x 15.5 Steel Splined Small Head Blind Rivet Nut
	Cooker housing and base frame	M6x9x15.5 Splined Blind Rivet Nut
	Boilers - Housing	M5 Steel Splined Blind Rivet Nuts
	Flue Extraction Systems	M6 x 9 x 15.5 Steel Splined blind Rivet Nut
ELECTRONICS	Switch gear enclosures	M6 & M5 Standard Small Head Blind Rivet Nut
	Switch gear enclosures	M6 x 9 x21.5 closed end thick flange Stainless Steel Blind Rivet Nut
	S.M.C. moldings	M6 Stainless Steel Blind Rivet Nut
	LED Screens	M5 Splined Blind Rivet Nut
	Televisions	M8 x 10.95 x 15.5 Hexagonal Closed End Blind Rivet Nut
FENCING	Security fencing	M8x11x21.5 Wedge Head Blind Rivet Nut

Germany

GESIPA Blindniettechnik GmbH
Nordendstraße 13-39
64546 Mörfelden-Walldorf
T +49 6105 962 0
F +49 6105 962 287
info@gesipa.com
www.gesipa.com

Austria

SFS Group Austria GmbH
Division Riveting (GESIPA)
Biróstraße 19
1230 Wien
T +43 1 6160866 0
F +43 1 6160869
office@gesipa.at
www.gesipa.at

Hungary

SFS Group Hungary Kft.
Division Riveting (GESIPA)
Vásártér 18
9241 Jánossomorja
T +36 96 517892
F +36 96 517893
gesipa@t-online.hu
www.gesipa.com

USA

SFS Group USA, Inc.
Division Riveting (GESIPA)
126 Quality Drive
Mocksville, NC 27028
T + 1 336 751-15 55
F + 1 336 751-15 68
sales@gesipausa.com
www.gesipausa.com

Czech Republic

SFS CZ s.r.o.
Division Riveting (GESIPA)
Škrobářenská 482/4
617 00 Brno
T +420 543 529 296
F +420 543 216 049
info@gesipa.cz
www.gesipa.cz

China

GESIPA c/o SFS intec (China)
Advanced Precision Parts
Manufacturing Co., Ltd.
Huangge East 2nd Rd,
Auto Zone A3, Huangge Town,
Nansha District, Guangzhou,
P.R China 511455
T +86 20 82221305
F +86 20 82221306
info@gesipa.cn
www.gesipa.com

Poland

GESIPA Polska Sp.z.o.o.
ul. Sikorskiego 5
05-119 Legionowo
T +48 22 7743 040
F +48 22 7743 853
gesipa@gesipa.com.pl
www.gesipa.com.pl

Spain

SFS Group Fastening Technology
(Iberica) S.A.U.
Division Riveting (GESIPA)
48480 Arrigorriaga (Vizcaya)
T +34 946712662
F +34 946712658
informacion@gesipa.es
www.gesipa.es

India

GESIPA c/o
Indo-Schöttle Auto Parts Pvt. Ltd.
Gat N° 378/287/389,
Village Urawade, Taluka Mulshi
Dist. Pune – 412 115,
Maharashtra State, India
T +91 20 325 400 50
F +91 20 667 405 19
info@gesipa.in
www.gesipa.com

Great Britain

SFS Group Fastening
Technology Ltd.
Division Riveting (GESIPA)
Dalton Lane, Keighley
West Yorkshire, BD 214JU
+44 (0) 1535 212200
+44 (0) 1535 212232
info.uk@gesipa.com
www.gesipa.co.uk

France

SFS Group SAS
Division Riveting (GESIPA)
BP 55
39, rue Georges Méliès
26000 Valence
T +33 4 757569 21/22
F +33 4 757569 25
info@gesipa.fr
www.gesipa.fr

Turkey

SFS intec Fastening Technology Ltd.
Division Riveting (GESIPA)
Celal Umur Cad. No:9
TR-35860
Torbalı-Izmir/Türkiye
T +90 232 853200
F +90 232 8532154
info@gesipa.com.tr
www.gesipa.com.tr

GESIPA® Offices World Wide



The experts in riveting technologies

SFS Group Fastening Technology Ltd.
Division Riveting (GESIPA)
Dalton Lane, Keighley
West Yorkshire, BD21 4JU

A member of **SFS**

+44 (0) 1535 212200
+44 (0) 1535 212232
info.uk@gesipa.com
www.gesipa.co.uk

