
















Coloured blind rivets – PolyGrip® in alu/niro




RAL 9003 – Signal white				
	Rivet body D, x L mm	Grip range mm	Part no.	Quantity per box
3,2 Hole Ø: 3,3 mm	3,2 x 8	0,5 - 5,0	672 0635	A 1000
	3,2 x 9,5	1,5 - 6,5	672 0636	A 1000
	3,2 x 11	3,0 - 8,0	672 0637	A 1000
4  Hole Ø: 4,1 mm	4 x 10	0,5 - 6,5	672 0638	B 500
	4 x 13	3,5 - 9,5	672 0639	B 500
	4 x 17	7,0 - 13,0	672 0640	B 500
4,8  Hole Ø: 4,9 mm 	4,8 x 10	0,5 - 6,5	672 09641	B 500
	4,8 x 15	4,5 - 11,0	672 0642	B 500
	4,8 x 17	6,5 - 13,0	672 0643	B 500
	4,8 x 25	11,0 - 19,5	672 0644	B 250

RAL 9005 – Jet black				
	Rivet body D, x L mm	Grip range mm	Part no.	Quantity per box
3,2 Hole Ø: 3,3 mm	3,2 x 8	0,5 - 5,0	672 0650	A 1000
	3,2 x 9,5	1,5 - 6,5	672 0651	A 1000
	3,2 x 11	3,0 - 8,0	672 0652	A 1000
4  Hole Ø: 4,1 mm	4 x 10	0,5 - 6,5	672 0653	B 500
	4 x 13	3,5 - 9,5	672 0654	B 500
	4 x 17	7,0 - 13,0	672 0655	B 500
4,8  Hole Ø: 4,9 mm 	4,8 x 10	0,5 - 6,5	672 0656	B 500
	4,8 x 15	4,5 - 11,0	672 0657	B 500
	4,8 x 17	6,5 - 13,0	672 0658	B 500
	4,8 x 25	11,0 - 19,5	672 0659	B 250

RAL 9006 – White aluminium				
	Rivet body D, x L mm	Grip range mm	Part no.	Quantity per box
3,2 Hole Ø: 3,3 mm	3,2 x 8	0,5 - 5,0	672 0665	A 1000
	3,2 x 9,5	1,5 - 6,5	672 0666	A 1000
	3,2 x 11	3,0 - 8,0	672 0667	A 1000
4  Hole Ø: 4,1 mm	4 x 10	0,5 - 6,5	672 0668	B 500
	4 x 13	3,5 - 9,5	672 0669	B 500
	4 x 17	7,0 - 13,0	672 0670	B 500
4,8  Hole Ø: 4,9 mm 	4,8 x 10	0,5 - 6,5	672 0671	B 500
	4,8 x 15	4,5 - 11,0	672 0672	B 500
	4,8 x 17	6,5 - 13,0	672 0673	B 500
	4,8 x 25	11,0 - 19,5	672 0674	B 250

RAL 9007 – Grey aluminium				
	Rivet body D, x L mm	Grip range mm	Part no.	Quantity per box
3,2 Hole Ø: 3,3 mm	3,2 x 8	0,5 - 5,0	672 0680	A 1000
	3,2 x 9,5	1,5 - 6,5	672 0681	A 1000
	3,2 x 11	3,0 - 8,0	672 0682	A 1000
4  Hole Ø: 4,1 mm	4 x 10	0,5 - 6,5	672 0683	B 500
	4 x 13	3,5 - 9,5	672 0684	B 500
	4 x 17	7,0 - 13,0	672 0685	B 500
4,8  Hole Ø: 4,9 mm 	4,8 x 10	0,5 - 6,5	672 0686	B 500
	4,8 x 15	4,5 - 11,0	672 0687	B 500
	4,8 x 17	6,5 - 13,0	672 0688	B 500
	4,8 x 25	11,0 - 19,5	672 0689	B 250

RAL 9010 – Pure white				
	Rivet body D, x L mm	Grip range mm	Part no.	Quantity per box
3,2 Hole Ø: 3,3 mm	3,2 x 8	0,5 - 5,0	672 0695	A 1000
	3,2 x 9,5	1,5 - 6,5	672 0696	A 1000
	3,2 x 11	3,0 - 8,0	672 0697	A 1000
4  Hole Ø: 4,1 mm	4 x 10	0,5 - 6,5	672 0698	B 500
	4 x 13	3,5 - 9,5	672 0699	B 500
	4 x 17	7,0 - 13,0	672 0700	B 500
4,8  Hole Ø: 4,9 mm 	4,8 x 10	0,5 - 6,5	672 0701	B 500
	4,8 x 15	4,5 - 11,0	672 0702	B 500
	4,8 x 17	6,5 - 13,0	672 0703	B 500
	4,8 x 25	11,0 - 19,5	672 0704	B 250

RAL 9011 – Graphite black				
	Rivet body D, x L mm	Grip range mm	Part no.	Quantity per box
3,2 Hole Ø: 3,3 mm	3,2 x 8	0,5 - 5,0	672 0710	A 1000
	3,2 x 9,5	1,5 - 6,5	672 0711	A 1000
	3,2 x 11	3,0 - 8,0	672 0712	A 1000
4  Hole Ø: 4,1 mm	4 x 10	0,5 - 6,5	672 0713	B 500
	4 x 13	3,5 - 9,5	672 0714	B 500
	4 x 17	7,0 - 13,0	672 0715	B 500
4,8  Hole Ø: 4,9 mm 	4,8 x 10	0,5 - 6,5	672 0716	B 500
	4,8 x 15	4,5 - 11,0	672 0717	B 500
	4,8 x 17	6,5 - 13,0	672 0718	B 500
	4,8 x 25	11,0 - 19,5	672 0719	B 250

Special blind rivets



There are numerous applications that require the use of special blind rivets. For this reason GESIPA® has come up with some variations to meet these requirements.

Grooved blind rivets are suitable for riveting pocket holes in soft materials. They are used in the furniture industry, for interior construction, in the wood and plastics processing industry, in car body construction and lots more.

Important: Before processing grooved blind rivets, the bore-hole diameter must be determined in trials and the minimum bore-hole depth must be observed.

Peel blind rivets are required if soft or porous parts such as wood, hard-fibre, fibreglass or plasterboards need to be joined together. In the setting process, the rivet mandrel falls out of the rivet body, and on the closing head side the rivet mandrel splits the rivet shaft into four parts. These then grip into the material. Typical application fields are the assembly of plastic and wooden elements, caravan constructions and the attachment of interior panels.

The blind rivet connection itself is a permanent connection. However to attach further detachable parts, GESIPA® has the **threaded blind rivet** in its range. The threaded blind rivet has a stud bolt with an M5 or M6 outer thread to which other parts can be attached using an additional nut. The GESIPA® blind rivet stud range is listed on page 175 for parts that need greater clamping forces.

The **GESIPA®-clamp profile blind rivet** are excellently suited to comply with defined clearances when mounting parts or to set stoppers in rails. Accordingly, this special rivet is also used in the white goods and furniture industry.

Plastic rivets are free from corrosion, do not conduct electricity and do not damage varnished surfaces. They can be processed quickly and easily using GESIPA® manual blind rivet tools and automated riveting tools. The plastic blind rivets can be found in many trade sectors and their versatility makes them an interesting choice for a wide range of application possibilities.



Material surcharge will be added at a daily rate

Special blind rivets

Grooved alu/steel standard

Rivet body: Alu AlMg 3
Mandrel: Steel, zinc-plated



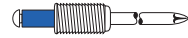
(Dome head)

	Rivet body D ₁ x L mm	max. thick- ness of material to be fixed mm	Part no.	Quantity per box
3,2 Hole Ø: 3,6 mm	3,2 x 10	6	630 3536	A 500
	3,2 x 16	12	630 3552	"
4 Hole Ø: 4,3 mm	4 x 8	4	630 3595	A 500
	4 x 12	8	630 3633	B 500
	4 x 16	12	630 3676	"

	Rivet body D ₁ x L mm	max. thick- ness of material to be fixed mm	Part no.	Quantity per box
4,8 Hole Ø: 5,1 mm	4,8 x 10	6	630 3757	B 500
	4,8 x 14	10	630 3773	B 250
	4,8 x 18	13	630 3560	"
	4,8 x 20	15	630 3811	"
	4,8 x 25	20	630 3870	"

Threaded steel/steel

Rivet body: Steel, zinc-plated
Mandrel: Steel, zinc-plated

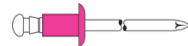


Thread Hole Ø: 3,1 mm G x l mm	Rivet body D ₁ x L mm	Grip range mm	Part no.	Quantity per box
M 5 x 10	3 x 6	0,5 - 3,0	638 0018	A 250
M 5 x 15	3 x 9	3,0 - 6,0	638 0034	"

Thread Hole Ø: 4,1 mm G x l mm	Rivet body D ₁ x L mm	Grip range mm	Part no.	Quantity per box
M 6 x 10	4 x 5	1,0 - 2,0	638 0131	A 250
M 6 x 15	4 x 8	2,0 - 5,0	638 0158	"

Plastic standard

Rivet body: Polyamide, PA 6.6
Mandrel: Polyamide, PA 6.6



(Dome head)

	Rivet body D ₁ x L mm	max. thick- ness of material to be fixed mm	Part no.	Quantity per box
4 Hole Ø: 4,1 mm	4 x 8	0,5 - 5,0	640 0019	B 500
	4 x 12	5,0 - 9,0	640 0035	"
5 Hole Ø: 5,1 mm	5 x 8	0,5 - 5,0	640 0116	B 500
	5 x 12	5,0 - 9,0	640 0132	"

	Rivet body D ₁ x L mm	max. thick- ness of material to be fixed mm	Part no.	Quantity per box
6 Hole Ø: 6,1 mm	6 x 8	0,5 - 5,0	640 0213	B 250
	6 x 12	5,0 - 9,0	640 0256	"

chart shear and tensile strength

Grooved alu/steel				
Rivet Ø mm	N	Shear strength (kp)	Tensile strength (kp)	Mandrel Ø mm
3,2	720	(73)	950 (97)	1,95
4	1.400	(143)	2.000 (204)	2,1
4,8	1.800	(184)	2.700 (275)	2,7

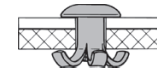
Threaded steel/steel			
Rivet Ø mm	Shear strength N (kp)	Mandrel Ø mm	
3	1.100 (112)	1,95	
4	2.000 (204)	2,5	

Plastic			
Rivet Ø mm	Shear strength N (kp)	Mandrel Ø mm	
4	180 (18)	2,5	
5	290 (30)	3,0	
6	440 (45)	3,5	

Special blind rivets

Peel alu/steel standard

Rivet body: Alu AlMg 3
Mandrel: Steel, zinc-plated



	Rivet body D ₁ x L mm	Grip range mm	Part no.	Quantity per box
3,2 Hole Ø: 3,6 mm	3,2 x 10	2,5 - 5,0	646 0232	A 500
	3,2 x 12	4,5 - 7,0	646 0240	"
	3,2 x 16	6,5 - 11,0	646 0267	"
	4 x 8	1,0 - 3,0	646 0003	A 500
4 Hole Ø: 4,4 mm	4 x 10	2,5 - 5,0	646 0216	B 500
	4 x 12	4,5 - 6,5	646 0038	"
	4 x 14	6,0 - 8,0	646 0046	"
	4 x 16	7,5 - 10,0	646 0054	"
	4 x 18	9,0 - 12,0	646 0062	"
	4 x 20	11,5 - 14,0	646 0070	"

	Rivet	max. Dicke	Part no.	Quantity per box
4.8 Hole Ø: 5.2 mm	4,8 x 10	2,5 - 5,0	646 0208	B 500
	4,8 x 12	4,5 - 7,0	646 0127	"
	4,8 x 14	6,5 - 9,0	646 0135	B 250
	4,8 x 16	8,5 - 10,0	646 0143	"
	4,8 x 18	9,5 - 12,0	646 0186	"
	4,8 x 20	11,5 - 14,0	646 0151	"
	4,8 x 25	13,5 - 19,0	646 0275	"

Profile clinching rivets alu/steel

Rivet body: Alu, RoHS compliant
Mandrel: Steel, zinc-plated

Profile type Hole Ø: 3,1 mm	Rivet body Ø x L mm	Grip range in mm	Part no.	Quantity per box
HA	3 x 5	1,0 - 2,5	620 0012	A 500
HA	3 x 7	2,5 - 4,5	620 0039	"
HB	3 x 5	1,0 - 2,5	620 0055	A 500
HB	3 x 7	2,5 - 4,5	620 0071	"
W	3 x 5	1,0 - 2,5	620 0098	A 500

Profile type Hole Ø: 3,1 mm	Rivet body Ø x L mm	Grip range in mm	Part no.	Quantity per box
A	4 x 7	1,0 - 4,0	620 0233	B 500
BR	4 x 7	1,0 - 4,0	620 0276	"
C	4 x 7	1,0 - 4,0	620 0314	"
KF	4 x 7	1,0 - 4,0	620 0330	"

chart shear and tensile strength

Peel alu/steel					
Rivet Ø mm	Shear strength N	(kp)	Tensile strength N	(kp)	Mandrel Ø mm
3,2	800	(81)	950	(97)	1,95
4	1.400	(143)	2.000	(204)	2,1
4,8	2.000	(204)	2.700	(275)	2,7

Profile clinching alu/steel			
Rivet Ø mm	Shear strength N	(kp)	Mandrel Ø mm
3	450	(46)	1,8
4	850	(87)	2,1

Test procedure according to DIN EN ISO 14589

