

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

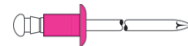


Thread Hole Ø: 3,1 mm G x L mm	Rivet body D ₁ x L mm	Grip range mm	Part no.	Quantity per box
M 5 x 10	3 x 6	0,5 - 3,0	638 0018	A 250
M 5 x 15	3 x 9	3,0 - 6,0	638 0034	"

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

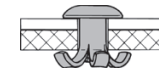
Threaded steel/steel			
Rivet Ø mm	N	Shear strength (kp)	Mandrel Ø mm
3	1.100	(112)	1,95
4	2.000	(204)	2,5

Plastic			
Rivet Ø mm	N	Shear strength (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	N	Shear strength (kp)	Mandrel Ø mm
3	450	(46)	1,8
4	850	(87)	2,1

Test procedure according to DIN EN ISO 14589

