

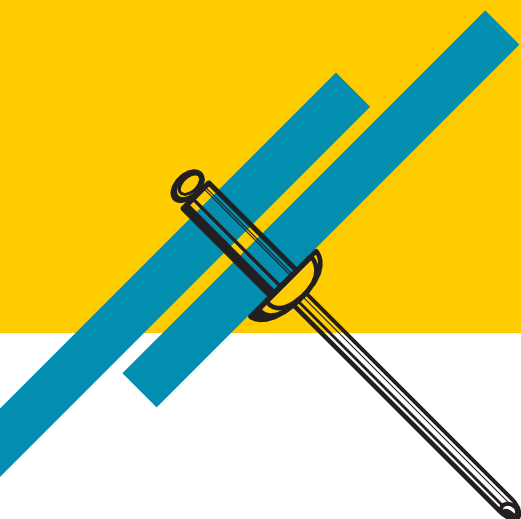
GESIPA Fasteners –

Innovation for the customers...

We specialize in Blind Riveting Systems.

**We have many years of experience in
manufacturing as well as distribution
worldwide.**

**This allows us to offer you the complete
solution to your fastening problems.**



Blind Rivets Alu

Blind Rivets Steel

Blind Rivets Stainless Steel

**Blind Rivets Copper
Blind Rivets Plastic**

**Multigrip Blind Rivets
PolyGrip®**

**Blind Rivets CAP
closed end**

**Structure Blind Rivets
MEGA GRIP® and G-Lock**

**Folding Type Blind Rivets
BULB-TITE® and TRI-FOLD®**

Blind Riveting Tools

Colly

ETT FÖRETAG I INDUSTRIN

Blind Rivets

Alu / Steel  **Standard**

Countersunk
Large Flange

Alu / Stainless Steel  **Standard**

Large Flange

Alu / Alu  **Standard**

Large Flange

Alu / Steel  **Grooved**

Profile Clinching
Peel

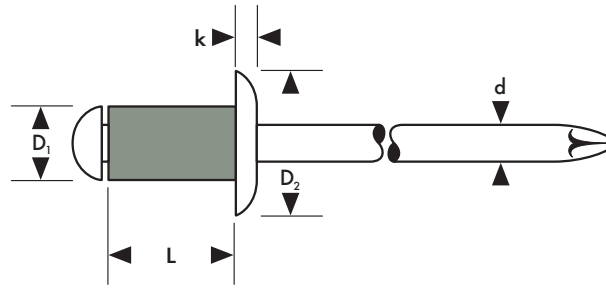
Alu / Steel  **Painted**

and Anodized

Alu / Stainless Steel  **Anodized**

Blind Rivets

Alu/Steel Standard



Rivet Body: AlMg 3
Mandrel: Steel, zinc plated

D_1 = Body \varnothing
 D_2 = Head \varnothing
 k = Head Height
 d = Mandrel \varnothing
 L = Body Length

All dimensions in millimeter

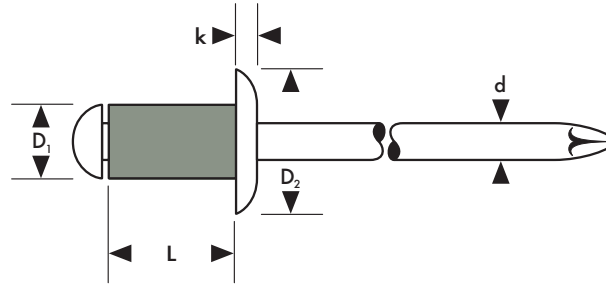
Rivet Body Length		Rivet Head	Rivet Body	Grip Range	Part-N°	Shear	Tensile
L and D_1 actual size		D_2	$D_1 \times L$			N(kp)	N(kp)
Ø 2,4 Hole Ø 2,5 $D_1 = 2,4 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 5,0 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 0,65 \pm 0,15$ $d = 1,5$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		5,0	2,4 x 4	0,5 - 1,5	630 0014	350 (35)	450 (46)
			2,4 x 6	1,5 - 3,5	630 0022		
			2,4 x 8	3,5 - 5,0	630 0030		
Ø 3,0 Hole Ø 3,1 $D_1 = 3,0 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,5 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 1,8$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,5	3,0 x 4	0,5 - 1,5	630 0103	700 (71)	900 (92)
			3,0 x 5	1,5 - 2,5	630 0111		
			3,0 x 6	2,5 - 3,5	630 0138		
			3,0 x 7	3,5 - 4,5	630 0146		
			3,0 x 8	4,5 - 5,0	630 0154		
			3,0 x 10	5,0 - 7,0	630 0162		
			3,0 x 12	7,0 - 9,0	630 0170		
			3,0 x 14	9,0 - 11,0	630 0189		
			3,0 x 16	11,0 - 13,0	630 0197		
			3,0 x 18	13,0 - 15,0	630 0200		
			3,0 x 20	15,0 - 17,0	630 0219		
			3,0 x 25	17,0 - 22,0	630 0227		
	3,0 x 30	22,0 - 26,0	630 0235				
Ø 3,2 Hole Ø 3,3 $D_1 = 3,2 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,5 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 1,95$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,5	3,2 x 4	0,5 - 1,5	630 0308	720 (73)	950 (97)
			3,2 x 6	1,5 - 3,5	630 0316		
			3,2 x 8	3,5 - 5,0	630 0324		
			3,2 x 10	5,0 - 7,0	630 0332		
			3,2 x 12	7,0 - 9,0	630 0340		
			3,2 x 14	9,0 - 11,0	630 0081		
			3,2 x 16	11,0 - 13,0	630 0359		
			3,2 x 18	13,0 - 15,0	630 0383		
			3,2 x 20	15,0 - 17,0	630 0367		
			3,2 x 25	17,0 - 22,0	630 0375		

according to DIN 7337

Ordering example: **Alu/Steel 3,0 x 8**
or **Part N° 630 0154**

Blind Rivets

Alu/Steel Standard



Rivet Body: **AlMg 3**
Mandrel: **Steel, zinc plated**

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D_1 actual size	Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
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<p>Ø 4,0 Hole Ø 4,1</p> <p>$D_1 = 4,0^{+0,08}_{-0,15}$ $D_2 = 8,0^{+0}_{-1,0}$ $k = 1,2 \pm 0,3$ $d = 2,1$ $L =^{+1,0}_{-0,2}$</p>	8,0	4,0 x 5	0,5 - 1,5	630 0405	1.400 (143)	2.000 (204)
		4,0 x 6	1,5 - 3,0	630 0413		
		4,0 x 7	3,0 - 4,0	630 0421		
		4,0 x 8	4,0 - 5,0	630 0448		
		4,0 x 10	5,0 - 6,5	630 0456		
		4,0 x 12	6,5 - 8,5	630 0464		
		4,0 x 14	8,5 - 10,5	630 0472	850 (87)	1.000 (102)
		*4,0 x 16	10,5 - 12,5	630 0480		
		*4,0 x 18	12,5 - 14,5	630 0499		
		*4,0 x 20	14,5 - 16,5	630 0502		
		*4,0 x 25	16,5 - 21,5	630 0529		
		*4,0 x 30	21,5 - 26,0	630 0545		
		*4,0 x 35	26,0 - 30,0	630 0561		
		*4,0 x 40	30,0 - 35,0	630 0596		

<p>Ø 4,8 Hole Ø 4,9</p> <p>$D_1 = 4,8^{+0,08}_{-0,15}$ $D_2 = 9,5^{+0}_{-1,0}$ $k = 1,3 \pm 0,3$ $d = 2,7$ $L =^{+1,0}_{-0,2}$</p>	9,5	4,8 x 6	2,0 - 2,5	630 0707	1.800 (184)	2.700 (275)
		4,8 x 8	2,5 - 4,5	630 0715		
		4,8 x 10	4,5 - 6,0	630 0723		
		4,8 x 12	6,0 - 8,0	630 0731		
		4,8 x 14	8,0 - 10,0	630 0758		
		4,8 x 16	10,0 - 12,0	630 0766		
		4,8 x 18	12,0 - 14,0	630 0774		
		4,8 x 20	14,0 - 15,0	630 0782		
		4,8 x 25	15,0 - 20,0	630 0804		
		4,8 x 30	20,0 - 25,0	630 0820		

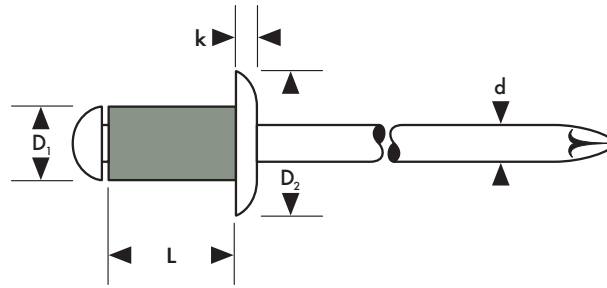
according to DIN 7337

*Body Material: **AlMg Si**

Ordering example: **Alu/Steel 4,0 x 10**
or **Part Nº. 630 0456**

Blind Rivets

Alu/Steel Standard



Rivet Body: AlMg 3
Mandrel: Steel, zinc plated

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

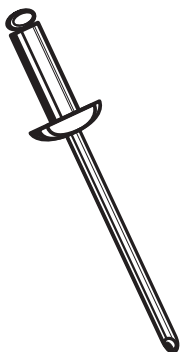
All dimensions in millimeter

Rivet Body Length L and D_1 actual size	Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-N°	Shear N(kp)	Tensile N(kp)
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<p>Ø 5,0 Hole Ø 5,1</p> <p>$D_1 = 5,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 9,5 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$ $k = 1,3 \pm 0,3$ $d = 2,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$</p>	9,5	5,0 x 6	2,0 - 2,5	630 0901	2.000 (204)	2.800 (285)
		5,0 x 8	2,5 - 4,5	630 0928		
		5,0 x 10	4,5 - 6,0	630 0936		
		5,0 x 12	6,0 - 8,0	630 0944		
		5,0 x 14	8,0 - 10,0	630 0952		
		5,0 x 16	10,0 - 12,0	630 0960		
		5,0 x 18	12,0 - 14,0	630 0979		
		5,0 x 20	14,0 - 15,0	630 0987		
		5,0 x 25	15,0 - 20,0	630 1002		
		5,0 x 30	20,0 - 25,0	630 1029		
		5,0 x 35	25,0 - 30,0	630 1045		
		5,0 x 40	30,0 - 35,0	630 1061		
		5,0 x 45	35,0 - 40,0	630 1096		
		5,0 x 50	40,0 - 45,0	630 1126		
		5,0 x 55	45,0 - 48,0	630 1142		
		5,0 x 60	48,0 - 52,0	630 1169		
		5,0 x 65	52,0 - 57,0	630 1185		
5,0 x 70	57,0 - 62,0	630 1207				
5,0 x 80	62,0 - 72,0	630 1223				

according to DIN 7337

Ordering example: **Alu/Steel 5,0 x 12**
or **Part N° 630 0944**



Do you know that ...

the many colours used in the GESIPA catalogue are not only aimed at making it nice to look at? They are also part of the product identification system:

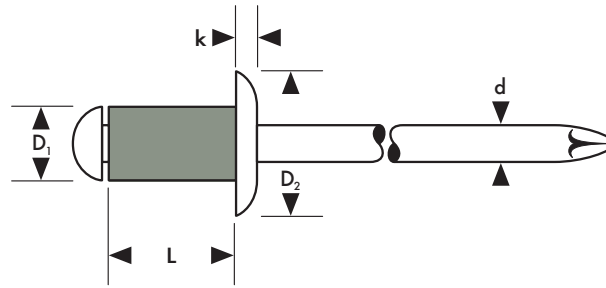
Every rivet body or mandrel material is identified by a colour: Grey for aluminium, orange for copper, dark blue for steel etc...

Every material combination is materialised by the well known double oblique symbol, whereby the wider stands for the rivet body material and the the narrower for the mandrel material.

This colour symbol is also reproduced on all GESIPA product labels, thus allowing quick and obvious product identification at a single glance.

Blind Rivets

Alu/Steel Standard



Rivet Body: **AlMg 3**
Mandrel: **Steel, zinc plated**

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

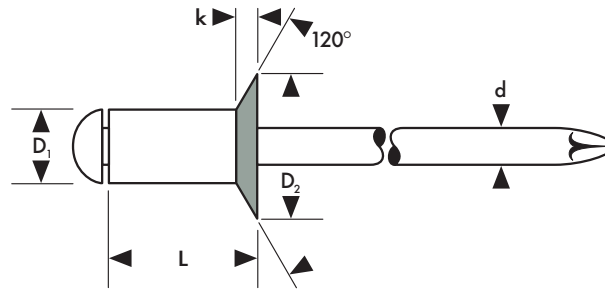
Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 6,0 Hole Ø 6,1 $D_1 = 6,0^{+0,08}_{-0,15}$ $D_2 = 12,0^{+0}_{-1,5}$ $k = 1,5 \pm 0,4$ $d = 3,2$ $L = \begin{matrix} +1,0 \\ -0,2 \end{matrix}$		12,0	6,0 x 8	2,0 - 3,0	630 1304	3.100 (316)	3.800 (388)
			6,0 x 10	3,0 - 5,0	630 1312		
			6,0 x 12	5,0 - 7,0	630 1320		
			6,0 x 16	7,0 - 11,0	630 1339		
			6,0 x 18	11,0 - 13,0	630 1347		
			6,0 x 20	13,0 - 15,0	630 1355		
			6,0 x 25	15,0 - 20,0	630 1371		
			6,0 x 30	20,0 - 24,0	630 1401		
			6,0 x 35	24,0 - 29,0	630 1436		
			6,0 x 40	29,0 - 34,0	630 1452		
6,0 x 50	34,0 - 44,0	630 1495					
Ø 6,4 Hole Ø 6,5 $D_1 = 6,4^{+0,08}_{-0,15}$ $D_2 = 13,0^{+0}_{-1,5}$ $k = 1,8 \pm 0,4$ $d = 3,65$ $L = \begin{matrix} +1,0 \\ -0,2 \end{matrix}$		13,0	6,4 x 12	2,0 - 6,0	630 1606	3.400 (347)	4.600 (469)
			6,4 x 16	6,0 - 10,0	630 1622		
			6,4 x 18	10,0 - 12,0	630 1940		
			6,4 x 20	12,0 - 14,0	630 1649		
			6,4 x 25	14,0 - 18,0	630 1665		
			6,4 x 30	18,0 - 23,0	630 1681		

according to DIN 7337

Ordering example: **Alu/Steel 6,0 x 12**
or **Part Nº. 630 1320**

Blind Rivets

Alu/Steel Countersunk



Rivet Body: AlMg 3
Mandrel: Steel, zinc plated

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 $D_1 = 3,0 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,0 \begin{smallmatrix} +0 \\ -0,4 \end{smallmatrix}$ $k \sim 0,9$ $d = 1,8$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,0	3,0 x 4	1,0 - 1,5	630 2106	700 (71)	900 (92)
			3,0 x 6	1,5 - 3,5	630 2130		
			3,0 x 8	3,5 - 5,0	630 2157		
			3,0 x 10	5,0 - 7,0	630 2165		
			3,0 x 12	7,0 - 9,0	630 2173		
			3,0 x 16	9,0 - 13,0	630 2181		
			3,0 x 20	13,0 - 17,0	630 2211		
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 7,5 \begin{smallmatrix} +0 \\ -0,5 \end{smallmatrix}$ $k \sim 1,0$ $d = 2,1$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		7,5	4,0 x 6	1,5 - 3,0	630 2416	1.400 (143)	2.000 (204)
			4,0 x 8	3,0 - 5,0	630 2440		
			4,0 x 10	5,0 - 6,5	630 2459		
			4,0 x 12	6,5 - 8,5	630 2467		
			4,0 x 16	8,5 - 12,5	630 2483		
			4,0 x 18	12,5 - 14,5	630 2378		
			4,0 x 20	14,5 - 16,5	630 2505		

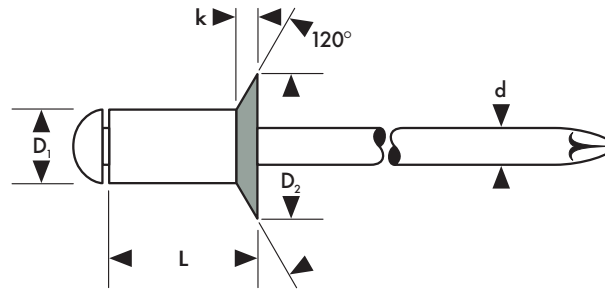
according to DIN 7337

Ordering example: **Alu/Steel 4,0 x 8 Countersunk**
or **Part Nº. 630 2440**

Also available in Ø 3,2 and Ø 4,8 upon request.

Blind Rivets

Alu/Steel Countersunk



Rivet Body: **AlMg 3**
Mandrel: **Steel, zinc plated**

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D_1 actual size	Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
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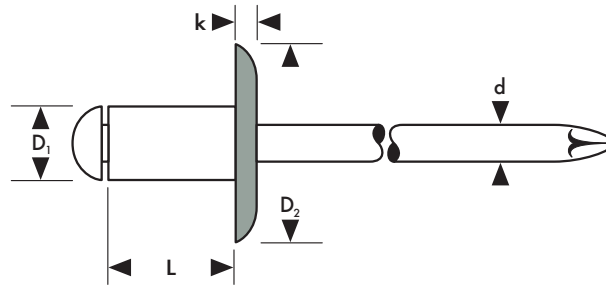
Ø 5,0 Hole Ø 5,1 $D_1 = 5,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 9,0 \begin{smallmatrix} +0 \\ -0,5 \end{smallmatrix}$ $k \sim 1,2$ $d = 2,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		9,0	5,0 x 8	2,0 - 4,5	630 2920	2.000 (204)	2.800 (285)
			5,0 x 10	4,5 - 6,0	630 2939		
			5,0 x 12	6,0 - 8,0	630 2947		
			5,0 x 16	8,0 - 12,0	630 2963		
			5,0 x 18	12,0 - 14,0	630 2793		
			5,0 x 20	14,0 - 15,0	630 2971		
			5,0 x 25	15,0 - 20,0	630 3005		
			5,0 x 30	20,0 - 25,0	630 3021		
			5,0 x 35	25,0 - 30,0	630 3048		

according to **DIN 7337**

Ordering example: **Alu/Steel 5,0 x 10 Countersunk**
or **Part Nº. 630 2939**

Blind Rivets

Alu/Steel Large Flange



Rivet Body: AlMg 3
Mandrel: Steel, zinc plated

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

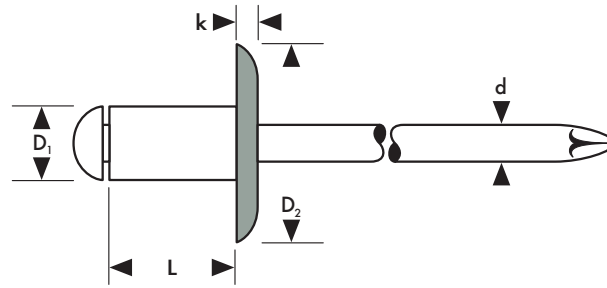
All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 K 9,5 Hole Ø 3,3	$D_1 = 3,2^{+0,08}_{-0,1}$ $D_2 = 9,5^{+0}_{-0,7}$ $k = 1,3^{+0,3}_{-0,1}$ $d = 1,95$ $L =^{+1,0}_{-0,2}$	9,5	3,2 x 6	1,5 - 3,5	630 3315	720 (73)	950 (97)
			3,2 x 8	3,5 - 5,0	630 3323		
			3,2 x 10	5,0 - 7,0	630 3331		
			3,2 x 12	7,0 - 9,0	630 3358		
			3,2 x 16	9,0 - 13,0	630 3366		
Ø 4,0 K 12 Hole Ø 4,1	$D_1 = 4,0^{+0,08}_{-0,15}$ $D_2 = 12,0^{+0}_{-1,0}$ $k = 1,6^{+0,3}_{-0,2}$ $d = 2,1$ $L =^{+1,0}_{-0,2}$	12,0	4,0 x 6	1,5 - 3,0	630 3412	1.400 (143)	2.000 (204)
			4,0 x 8	3,0 - 5,0	630 3447		
			4,0 x 10	5,0 - 6,5	630 3455		
			4,0 x 12	6,5 - 8,5	630 3463		
			4,0 x 16	8,5 - 12,5	630 3471		
			4,0 x 20	12,5 - 16,5	630 3501		

Ordering example: **Alu/Steel 3,2 x 8 K9,5**
or **Part Nº. 630 3323**

Blind Rivets

Alu/Steel Large Flange



Rivet Body: AlMg 3
Mandrel: Steel, zinc plated

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

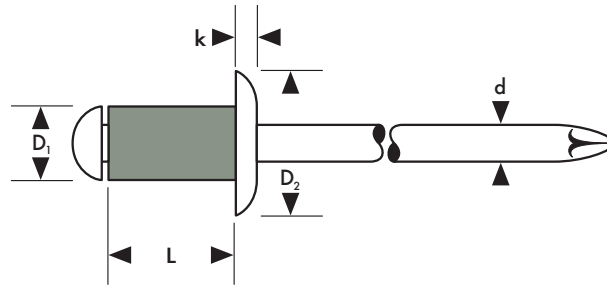
All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 4,8 K 16 Hole Ø 4,9 $D_1 = 4,8^{+0,08}_{-0,15}$ $D_2 = 16,0^{+0}_{-1,0}$ $k = 1,8 \pm 0,3$ $d = 2,7$ $L = \begin{matrix} +1,0 \\ -0,2 \end{matrix}$		16,0	4,8 x 8	2,5 - 4,5	630 3714	1.800 (184)	2.700 (275)
			4,8 x 10	4,5 - 6,0	630 3722		
			4,8 x 12	6,0 - 8,0	630 3730		
			4,8 x 16	8,0 - 12,0	630 3765		
			4,8 x 20	12,0 - 15,0	630 3781		
			4,8 x 25	15,0 - 20,0	630 3803		
Ø 5,0 K 11 Hole Ø 5,1 $D_1 = 5,0^{+0,08}_{-0,15}$ $D_2 = 11,0^{+0}_{-1,0}$ $k = 1,8 \pm 0,3$ $d = 2,7$ $L = \begin{matrix} +1,0 \\ -0,2 \end{matrix}$ • DIBt-Approval Nº. Z-14.1-4		11,0	• 5,0 x 8	2,5 - 4,5	630 3927	2.000 (204)	2.800 (285)
			5,0 x 10	4,5 - 6,0	630 3935		
			5,0 x 12	6,0 - 8,0	630 3943		
			5,0 x 14	8,0 - 10,0	630 3897		
			5,0 x 16	10,0 - 12,0	630 3951		
			5,0 x 18	12,0 - 14,0	630 3838		
			5,0 x 20	14,0 - 15,0	630 3986		
			5,0 x 25	15,0 - 20,0	630 4001		
5,0 x 30	20,0 - 25,0	630 4028					
Ø 5,0 K 14 Hole Ø 5,1 $D_1 = 5,0^{+0,08}_{-0,15}$ $D_2 = 14,0^{+0}_{-1,0}$ $k = 1,8 \pm 0,3$ $d = 2,7$ $L = \begin{matrix} +1,0 \\ -0,2 \end{matrix}$ • DIBt-Approval Nº. Z-14.1-4		14,0	• 5,0 x 8	2,5 - 4,5	630 4036	2.000 (204)	2.800 (285)
			5,0 x 10	4,5 - 6,0	630 4044		
			5,0 x 12	6,0 - 8,0	630 4052		
			5,0 x 14	8,0 - 10,0	630 4060		
			5,0 x 16	10,0 - 12,0	630 4079		
			5,0 x 18	12,0 - 14,0	630 4087		
			5,0 x 20	14,0 - 15,0	630 4095		
			5,0 x 25	15,0 - 20,0	630 4117		
5,0 x 30	20,0 - 25,0	630 4133					

Ordering example: Alu/Steel 5,0 x 16 K14
or Part Nº. 630 4079

Blind Rivets

Alu/Stainl. Steel Standard



Rivet Body: AlMg 3
Mandrel: Stainless Steel
 (A2 - W-Nº. 1.4541)

D₁ = Body Ø
 D₂ = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 D ₁ = 3,0 ^{+0,08} / _{-0,1} D ₂ = 6,5 ⁺⁰ / _{-0,7} k = 1,0 ± 0,2 d = 1,8 L ^{+1,0} / _{-0,2}		6,5	3,0 x 4	0,5 - 1,5	632 0104	700 (71)	900 (92)
			3,0 x 6	1,5 - 3,5	632 0112		
			3,0 x 8	3,5 - 5,0	632 0155		
			3,0 x 10	5,0 - 7,0	632 0163		
			3,0 x 12	7,0 - 9,0	632 0171		
			3,0 x 16	9,0 - 13,0	632 0198		
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} / _{-0,15} D ₂ = 8,0 ⁺⁰ / _{-1,0} k = 1,2 ± 0,3 d = 2,1 L ^{+1,0} / _{-0,2}		8,0	4,0 x 6	1,5 - 3,0	632 0414	1.400 (143)	2.000 (204)
			4,0 x 8	3,0 - 5,0	632 0449		
			4,0 x 10	5,0 - 6,5	632 0457		
			4,0 x 12	6,5 - 8,5	632 0465		
			4,0 x 14	8,5 - 10,5	632 0279		
			4,0 x 16	10,5 - 12,5	632 0481		
			*4,0 x 18	12,5 - 14,5	632 0473	850 (87)	1.000 (102)
			*4,0 x 20	14,5 - 16,5	632 0503		
*4,0 x 25	16,5 - 21,5	632 0511					

according to DIN 7337

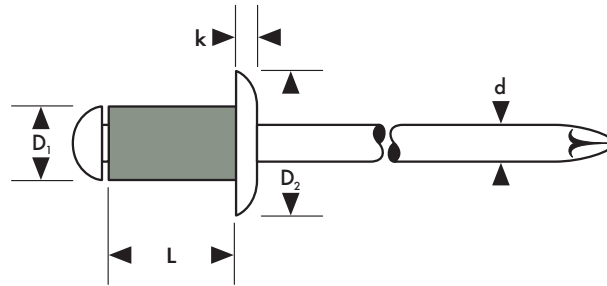
* Body Material: AlMg Si

Ordering example: **Alu/Stainless Steel 4,0 x 10**
 or **Part Nº. 632 0457**

Also available with countersunk head upon request.

Blind Rivets

Alu/Stainl. Steel Standard



Rivet Body: AlMg 3
Mandrel: Stainless Steel
 (A2 - W-Nº. 1.4541)

D₁ = Body Ø
 D₂ = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

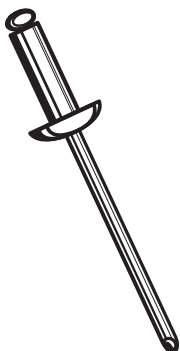
Rivet Body Length L and D ₁ actual size	Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº.	Shear N(kp)	Tensile N(kp)
---	------------------------	----------------------------------	---------------	----------	----------------	------------------

<p>Ø 5,0 Hole Ø 5,1</p> <p>D₁ = 5,0 ^{+0,08}/_{-0,15} D₂ = 9,5 ⁺⁰/_{-1,0} k = 1,3 ± 0,3 d = 2,7 L ^{+1,0}/_{-0,2}</p>	9,5	5,0 x 6	2,0 - 2,5	632 0902	2.000 (204)	2.800 (285)
		5,0 x 8	2,5 - 4,5	632 0929		
		5,0 x 10	4,5 - 6,0	632 0937		
		5,0 x 12	6,0 - 8,0	632 0945		
		5,0 x 14	8,0 - 10,0	632 0953		
		5,0 x 16	10,0 - 12,0	632 0961		
		5,0 x 18	12,0 - 14,0	632 0988		
		5,0 x 20	14,0 - 15,0	632 0996		
		5,0 x 25	15,0 - 20,0	632 1003		
		5,0 x 30	20,0 - 25,0	632 1011		
		5,0 x 35	25,0 - 30,0	632 1046		
		5,0 x 40	30,0 - 35,0	632 1062		

according to DIN 7337

Ordering example: **Alu/Stainless Steel 5,0 x 10**
 or **Part Nº. 632 0937**

Also available with countersunk head upon request.



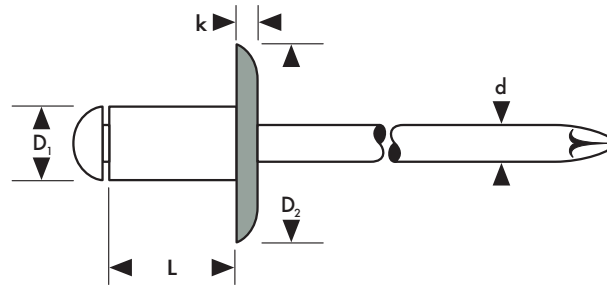
Do you know...

which is the optimal purpose of Alu/Stainless Steel blind rivets ?

... When aluminium blind rivets are exposed to adverse environmental conditions, the mandrel head encaged in the rivet body will not rust if it is made of stainless steel.

Blind Rivets

Alu/Stainl. Steel Large Flange



Rivet Body: AlMg 3
Mandrel: Stainless Steel
(A2 - W-Nº. 1.4541)

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

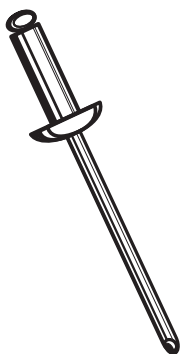
All dimensions in millimeter

Rivet Body Length L and D ₁ actual size	Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº.	Shear N(kp)	Tensile N(kp)
---	------------------------	----------------------------------	---------------	----------	----------------	------------------

<p>Ø 5,0 K 11 Hole Ø 5,1</p> <p>D₁ = 5,0^{+0,08}_{-0,15} D₂ = 11,0⁺⁰_{-1,0} k = 1,8 ± 0,3 d = 2,7 L = ^{+1,0}_{-0,2}</p> <p>• DIBt-Approval Nº. Z-14.1-4</p>	<p>11,0</p>	• 5,0 x 8	2,5 - 4,5	632 3928	2.000 (204)	2.800 (285)
		5,0 x 10	4,5 - 6,0	632 3936		
		5,0 x 12	6,0 - 8,0	632 3944		
		5,0 x 14	8,0 - 10,0	632 3847		
		5,0 x 16	10,0 - 12,0	632 3952		
		5,0 x 18	12,0 - 14,0	632 3855		
		5,0 x 20	14,0 - 15,0	632 3987		
		5,0 x 25	15,0 - 20,0	632 4002		
		5,0 x 30	20,0 - 25,0	632 4029		

<p>Ø 5,0 K 14 Hole Ø 5,1</p> <p>D₁ = 5,0^{+0,08}_{-0,15} D₂ = 14,0⁺⁰_{-1,0} k = 1,8 ± 0,3 d = 2,7 L = ^{+1,0}_{-0,2}</p> <p>• DIBt-Approval Nº. Z-14.1-4</p>	<p>14,0</p>	• 5,0 x 8	2,5 - 4,5	632 4037	2.000 (204)	2.800 (285)
		5,0 x 10	4,5 - 6,0	632 4045		
		5,0 x 12	6,0 - 8,0	632 4053		
		5,0 x 14	8,0 - 10,0	632 4150		
		5,0 x 16	10,0 - 12,0	632 4061		
		5,0 x 18	12,0 - 14,0	632 4169		
		5,0 x 20	14,0 - 15,0	632 4096		
		5,0 x 25	15,0 - 20,0	632 4118		
		5,0 x 30	20,0 - 25,0	632 4134		

Ordering example: **Alu/Stainless Steel 5,0 x 16 K14**
or **Part Nº. 632 4061**

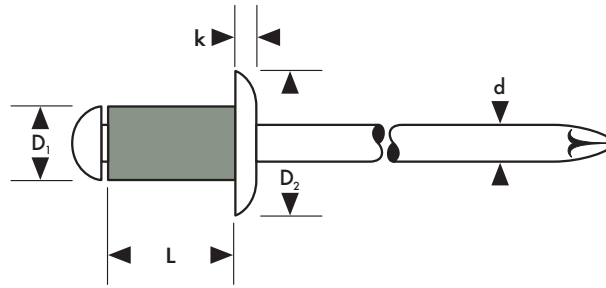


Do you know ...
how to choose the material of a blind rivet ?

...certainly according to shear and tensile requirements, but also to the resistance to corrosion, with a special look at the material into which the rivet will be installed. The ideal choice is to match rivet material and material to be riveted in order to avoid the so-called contact corrosion.

Blind Rivets

Alu/Alu Standard



Rivet Body: AIMg 2,5
Mandrel: AIMg 5

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

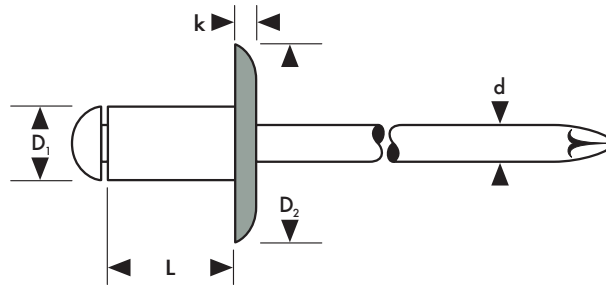
All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ × L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,3 D ₁ = 3,2 ^{+0,08} / _{-0,1} D ₂ = 6,5 ^{+0,2} / _{-0,5} k = 0,9 ± 0,2 d = 1,95 L ^{+1,0} / _{-0,2}		6,5	3,2 × 6,1	0,8 - 3,2	647 0017	725 (74)	930 (95)
			3,2 × 7,6	3,2 - 4,8	647 0033		
			3,2 × 9,2	4,8 - 6,4	647 0076		
			3,2 × 12,3	6,4 - 9,5	647 0114		
			3,2 × 15,5	9,5 - 12,7	647 0130		
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} / _{-0,15} D ₂ = 8,0 ^{+0,3} / _{-0,5} k = 1,1 ± 0,2 d = 2,45 L ^{+1,0} / _{-0,2}		8,0	4,0 × 6,6	1,5 - 3,2	647 0238	980 (100)	1.275 (130)
			4,0 × 9,8	3,2 - 6,4	647 0254		
			4,0 × 12,9	6,4 - 9,5	647 0297		
			4,0 × 16,1	9,5 - 12,7	647 0335		
Ø 4,8 Hole Ø 4,9 D ₁ = 4,8 ^{+0,08} / _{-0,15} D ₂ = 9,5 ^{+0,3} / _{-0,5} k = 1,3 ± 0,3 d = 2,9 L ^{+1,0} / _{-0,2}		9,5	4,8 × 7,2	1,5 - 3,2	647 0416	1.520 (155)	1.960 (200)
			4,8 × 10,3	3,2 - 6,4	647 0432		
			4,8 × 13,5	6,4 - 9,5	647 0475		
			4,8 × 16,7	9,5 - 12,7	647 0513		
			4,8 × 19,9	12,7 - 15,9	647 0556		
			4,8 × 23,0	15,9 - 19,0	647 0572		
Ø 6,4 Hole Ø 6,5 D ₁ = 6,4 ^{+0,08} / _{-0,15} D ₂ = 12,9 ⁺⁰ / _{-1,5} k = 1,8 ± 0,4 d = 3,85 L ^{+1,0} / _{-0,2}		12,9	6,4 × 12,0	1,5 - 6,4	647 0610	2.500 (255)	2.940 (300)
			6,4 × 14,9	6,4 - 9,5	647 0637		
			6,4 × 18,1	9,5 - 12,7	647 0653		
			6,4 × 24,4	12,7 - 19,0	647 0688		

Ordering example: **Alu/Alu 3,2 x 7,6**
or **Part Nº. 647 0033**

Blind Rivets

Alu/Alu Large Flange



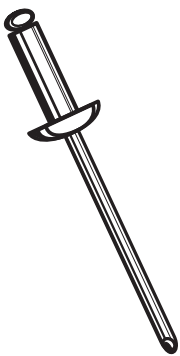
Rivet Body: AIMg 2,5
Mandrel: AIMg 5

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 K 9,5 Hole Ø 3,3	$D_1 = 3,2 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 9,5 \begin{smallmatrix} +0,4 \\ -0,4 \end{smallmatrix}$ $k = 1,3 \begin{smallmatrix} +0,3 \\ -0,1 \end{smallmatrix}$ $d = 1,95$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$	9,5	3,2 x 6,1	0,8 - 3,2	647 4217	725 (74)	930 (95)
			3,2 x 9,2	3,2 - 6,4	647 4233		
			3,2 x 12,3	6,4 - 9,5	647 4268		
Ø 4,8 K 16 Hole Ø 4,9	$D_1 = 4,8 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 16,0 \begin{smallmatrix} +0,5 \\ -0,8 \end{smallmatrix}$ $k = 2,1 \pm 0,3$ $d = 2,9$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$	16,0	4,8 x 10,3	1,5 - 6,4	647 4314	1.520 (155)	1.960 (200)
			4,8 x 13,5	6,4 - 9,5	647 4330		
			4,8 x 16,7	9,5 - 12,7	647 4357		
			4,8 x 19,9	12,7 - 15,9	647 4373		
			4,8 x 23,0	15,9 - 19,0	647 4381		

Ordering example: **Alu/Alu 3,2 x 9,2 K9,5**
or **Part Nº. 647 4233**



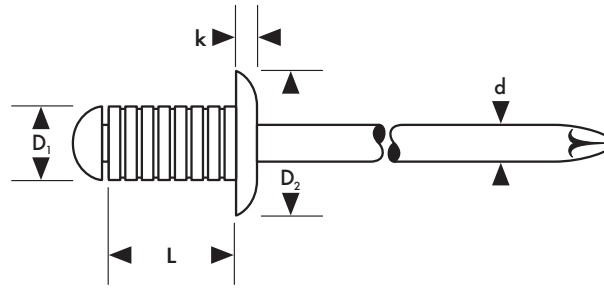
Do you know that...
in GESIPA part numbers, the three first digits define the product group ?

... for instance:

- 632... Alu/Stainless Steel blind rivets or
- 633... A2 Stainless Steel/A2 Stainless Steel blind rivets
- 725... **AccuBird**, accessories and spare parts

Blind Rivets

Grooved Alu/Steel Standard



Rivet Body: AlMg 3
Mandrel: Steel, zinc plated

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

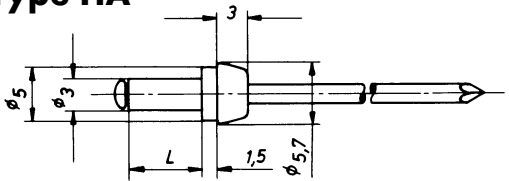
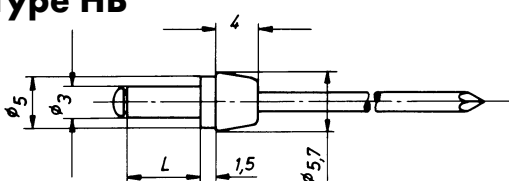
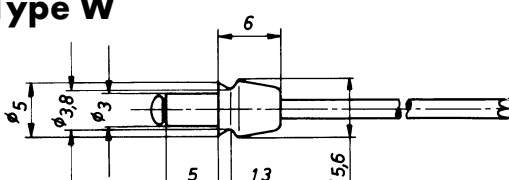
All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	max. thickness of part to be riveted on	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,45 $D_1 = 3,2 \begin{smallmatrix} +0,2 \\ -0,0 \end{smallmatrix}$ $D_2 = 6,5 \begin{smallmatrix} +0,0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 1,95$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,5	3,2 x 10	6,0	630 3536	720 (73)	950 (97)
			3,2 x 16	12,0	630 3552		
Ø 4,0 Hole Ø 4,3 $D_1 = 4,0 \begin{smallmatrix} +0,2 \\ -0,0 \end{smallmatrix}$ $D_2 = 8,0 \begin{smallmatrix} +0,0 \\ -1,0 \end{smallmatrix}$ $k = 1,2 \pm 0,3$ $d = 2,1$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		8,0	4,0 x 8	4,0	630 3595	1.400 (143)	2.000 (204)
			4,0 x 12	8,0	630 3633		
			4,0 x 16	12,0	630 3676		
Ø 4,8 Hole Ø 5,1 $D_1 = 4,8 \begin{smallmatrix} +0,2 \\ -0,0 \end{smallmatrix}$ $D_2 = 9,5 \begin{smallmatrix} +0,0 \\ -1,0 \end{smallmatrix}$ $k = 1,3 \pm 0,3$ $d = 2,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		9,5	4,8 x 10	6,0	630 3757	1.800 (184)	2.700 (275)
			4,8 x 14	10,0	630 3773		
			4,8 x 18	13,0	630 3560		
			4,8 x 20	15,0	630 3811		
			4,8 x 25	20,0	630 3870		

Ordering example: Grooved Alu/Steel 4,0 x 8
or Part Nº. 630 3595

Rivet Body: AlMg Si Pb
Mandrel: Steel, zinc plated

All dimensions in millimeter

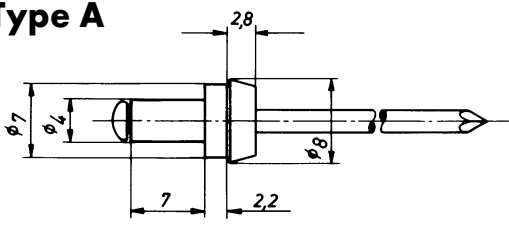
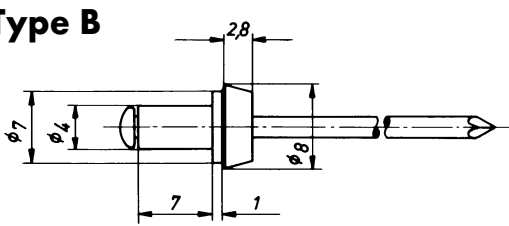
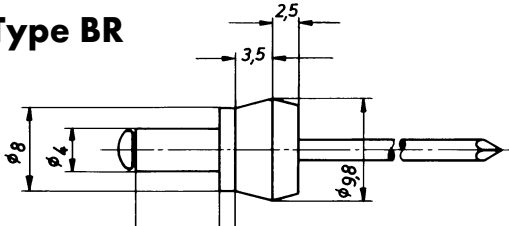
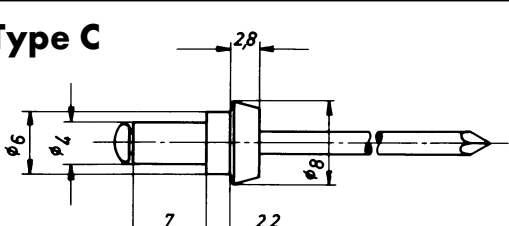
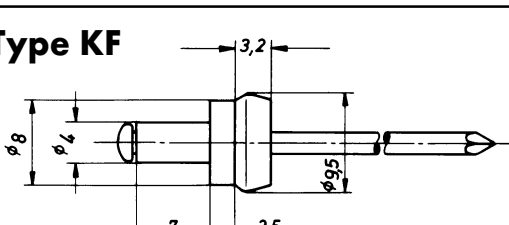
	Profile Type	Body $\varnothing \times L$	Grip Range	Part-Nº	Shear N(kp)
Type HA  Hole \varnothing 3,1	HA	3 x 5	1,0 - 2,5	620 0012	600 (61)
	HA	3 x 7	2,5 - 4,5	620 0039	
Type HB  Hole \varnothing 3,1	HB	3 x 5	1,0 - 2,5	620 0055	600 (61)
	HB	3 x 7	2,5 - 4,5	620 0071	
Type W  Hole \varnothing 3,1	W	3 x 5	1,0 - 2,5	620 0098	600 (61)

Ordering example: **Profile Clinching Alu/Steel, Type HA 3 x 5**
or **Part Nº. 620 0012**



Rivet Body: AlMg Si Pb
Mandrel: Steel, zinc plated

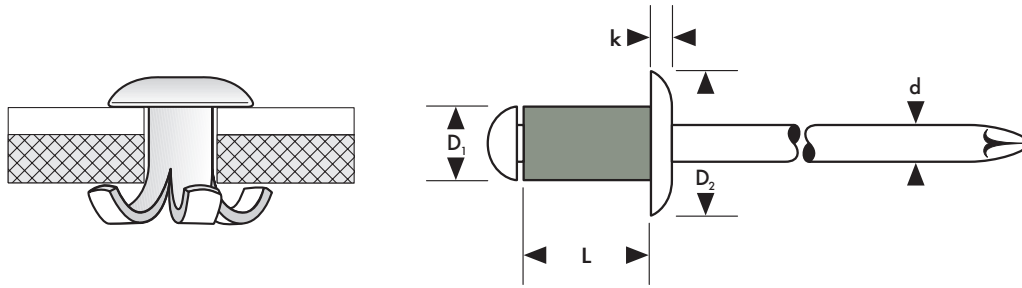
All dimensions in millimeter

	Profile Type	Body $\varnothing \times L$	Grip Range	Part-Nº	Shear N(kp)	
Type A 	Hole \varnothing 4,1	A	4 x 7	1,0 - 4,0	620 0233	850 (87)
Type B 	Hole \varnothing 4,1	B	4 x 7	1,0 - 4,0	620 0292	850 (87)
Type BR 	Hole \varnothing 4,1	BR	4 x 7	1,0 - 4,0	620 0276	850 (87)
Type C 	Hole \varnothing 4,1	C	4 x 7	1,0 - 4,0	620 0314	850 (87)
Type KF 	Hole \varnothing 4,1	KF	4 x 7	1,0 - 4,0	620 0330	850 (87)

Ordering example: **Profile Clinching Alu/Steel, Type B 4 x 7**
or **Part Nº. 620 0292**

Blind Rivets

Peel Alu/Steel Standard



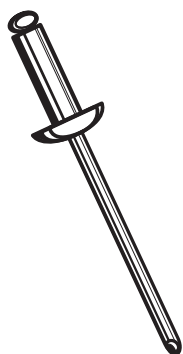
Rivet Body: AlMg 3
Mandrel: Steel, zinc plated

D_1 = Body \varnothing
 D_2 = Head \varnothing
 k = Head Height
 d = Mandrel \varnothing
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D_1 actual size	Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-N°	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,6 $D_1 = 3,2 \begin{smallmatrix} +0,3 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,5 \begin{smallmatrix} +0,0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 1,95$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$	6,5	3,2 x 10	2,5 - 5,0	646 0232	800 (81)	950 (97)
		3,2 x 12	4,5 - 7,0	646 0240		
		3,2 x 16	6,5 - 11,0	646 0267		
Ø 4,0 Hole Ø 4,4 $D_1 = 4,0 \begin{smallmatrix} +0,3 \\ -0,15 \end{smallmatrix}$ $D_2 = 8,0 \begin{smallmatrix} +0,0 \\ -1,0 \end{smallmatrix}$ $k = 1,2 \pm 0,3$ $d = 2,1$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$	8,0	4,0 x 8	1,0 - 3,0	646 0003	1.400 (143)	2.000 (204)
		4,0 x 10	2,5 - 5,0	646 0216		
		4,0 x 12	4,5 - 6,5	646 0038		
		4,0 x 14	6,0 - 8,0	646 0046		
		4,0 x 16	7,5 - 10,0	646 0054		
		4,0 x 18	9,0 - 12,0	646 0062		
		4,0 x 20	11,5 - 14,0	646 0070		
Ø 4,8 Hole Ø 5,2 $D_1 = 4,8 \begin{smallmatrix} +0,3 \\ -0,15 \end{smallmatrix}$ $D_2 = 9,5 \begin{smallmatrix} +1,0 \\ -1,0 \end{smallmatrix}$ $k = 1,3 \pm 0,3$ $d = 2,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$	9,5	4,8 x 10	2,5 - 5,0	646 0208	2.000 (204)	2.700 (275)
		4,8 x 12	4,5 - 7,0	646 0127		
		4,8 x 14	6,5 - 9,0	646 0135		
		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		

Ordering example: **Peel Alu/Steel 3,2 x 12**
or **Part N° 646 0240**



Do you know ...
when to use Peel Blind Rivets ?

...when the materials to be assembled are pressure sensitive. Peel rivets are designed in such a way, that the rivet body will be split longitudinally in 4 "petals" by the specially shaped mandrel head during setting. These 4 "petals" spread outwards until they make contact with the material to be riveted. The mandrel head is then ejected from the set rivet.

Blind Rivets painted and anodized



Painted Blind Rivets



Alu/Steel Standard

	Rivet Body D ₁ x L	Colour	RAL-Nº.	Grip Range	Part-Nº.
Ø 3,0 Hole Ø 3,1	3,0 x 6	black	9005	0,5 - 3,5	630 0049
	3,0 x 6	white	9010	0,5 - 3,5	630 4680
	3,0 x 8	black	9005	3,5 - 5,0	630 0057
	3,0 x 8	white	9010	3,5 - 5,0	630 0065
Ø 4,0 Hole Ø 4,1	4,0 x 6	black	9005	0,5 - 3,0	630 0073
	4,0 x 6	white	9010	0,5 - 3,0	630 4699
	4,0 x 6	brown	8014	0,5 - 3,0	630 0243
	4,0 x 8	black	9005	3,0 - 5,0	630 0251
	4,0 x 8	white	9010	3,0 - 5,0	630 0278
	4,0 x 8	brown	8014	3,0 - 5,0	630 0286
	4,0 x 10	black	9005	5,0 - 6,5	630 0294
	4,0 x 10	white	9010	5,0 - 6,5	630 0510
	4,0 x 10	brown	8014	5,0 - 6,5	630 0537
	4,0 x 12	black	9005	6,5 - 8,5	630 0553
	4,0 x 12	white	9010	6,5 - 8,5	630 0588
	4,0 x 12	brown	8014	6,5 - 8,5	630 0618
Ø 5,0 Hole Ø 5,1	5,0 x 10	black	9005	1,5 - 6,0	630 0626
	5,0 x 10	white	9010	1,5 - 6,0	630 0634
	5,0 x 12	black	9005	6,0 - 8,0	630 0642
	5,0 x 12	white	9010	6,0 - 8,0	630 0650

Rivet Body: AlMg 3
Mandrel: Steel, zinc plated
All dimensions in millimeter

Painted blind rivets are being coloured coated by means of burning-in. In addition to the decorative appearance they also provide a certain corrosion resistance.

Alu-blind rivets are available in all common colours. Painted blind rivets made of Steel are also available upon request.

Anodized Blind Rivets



Alu/Steel Standard

Ø 4,0 Hole Ø 4,1	4,0 x 8	dark bronze	8017	2,0 - 5,0	630 0669
	4,0 x 10	black	9005	5,0 - 6,5	630 0677
	4,0 x 10	dark bronze	8017	5,0 - 6,5	630 0685
	4,0 x 12	black	9005	6,5 - 8,5	630 0693
	4,0 x 12	dark bronze	8017	6,5 - 8,5	630 0839
	4,0 x 16	dark bronze	8017	8,5 - 12,5	630 0847

Rivet Body: AlMg 3
Mandrel: Steel, zinc plated
All dimensions in millimeter

Anodized Blind Rivets



Alu/Stainl. Steel Standard

Ø 4,0 Hole Ø 4,1	4,0 x 8	dark bronze	8017	2,0 - 5,0	632 0309
	4,0 x 10	dark bronze	8017	5,0 - 6,5	632 0317
	4,0 x 12	dark bronze	8017	6,5 - 8,5	632 0325

Rivet Body: AlMg 3
Mandrel: Stainless Steel
All dimensions in millimeter

Further Sizes and colours upon request.

Blind Rivets

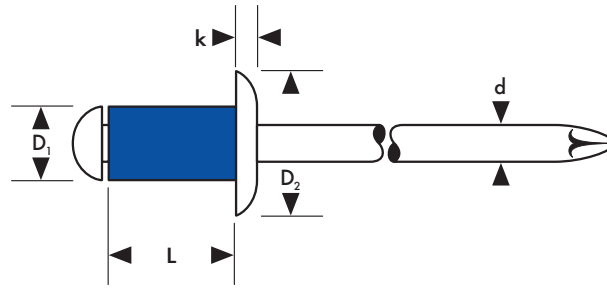
**Steel/Steel  Standard
Countersunk**

Steel/Steel  Threaded



Blind Rivets

Steel/Steel Standard



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated, yellow chromate

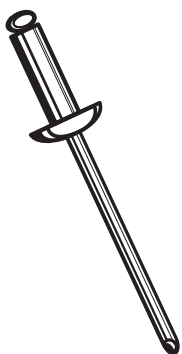
D₁ = Body Ø
 D₂ = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 D ₁ = 3,0 ^{+0,08} _{-0,1} D ₂ = 6,5 ⁺⁰ _{-0,7} k = 1,0 ±0,2 d = 1,95 L ^{+1,0} _{-0,2}		6,5	3,0 x 5	0,5 - 2,0	631 0117	1.000 (102)	1.300 (133)
			3,0 x 6	2,0 - 3,0	631 0133		
			3,0 x 8	3,0 - 5,0	631 0141		
			3,0 x 10	5,0 - 6,5	631 0168		
			3,0 x 12	6,5 - 8,5	631 0176		
			3,0 x 16	8,5 - 12,5	631 0192		
			3,0 x 18	12,5 - 14,5	631 0206		
			3,0 x 20	14,5 - 16,5	631 0214		
Ø 3,2 Hole Ø 3,3 D ₁ = 3,2 ^{+0,08} _{-0,1} D ₂ = 6,5 ⁺⁰ _{-0,7} k = 1,0 ±0,2 d = 2,0 L ^{+1,0} _{-0,2}		6,5	3,2 x 6	0,5 - 3,0	631 0303	1.200 (122)	1.500 (153)
			3,2 x 8	3,0 - 5,0	631 0311		
			3,2 x 10	5,0 - 6,5	631 0338		
			3,2 x 12	6,5 - 8,5	631 0346		
			3,2 x 16	8,5 - 12,5	631 0354		
			3,2 x 18	12,5 - 14,5	631 0249		
			3,2 x 20	14,5 - 16,5	631 0362		

according to DIN 7337

Ordering example: **Steel/Steel 3,0 x 8**
 or **Part Nº. 631 0141**



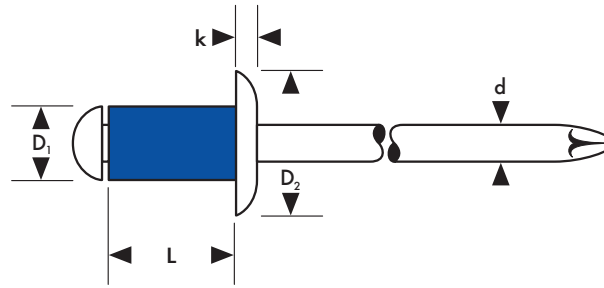
Do you know ...
 which rivet body length is correct for your application ?

... the Gesipa catalogue lists the optimal grip range for every rivet dimension. If you don't have the catalogue at hand, it is quite safe to use following thumb rule :

Rivet Body Length = Material Thickness + Rivet Body Diameter

Blind Rivets

Steel/Steel Standard



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated, yellow chromate

D₁ = Body Ø
 D₂ = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

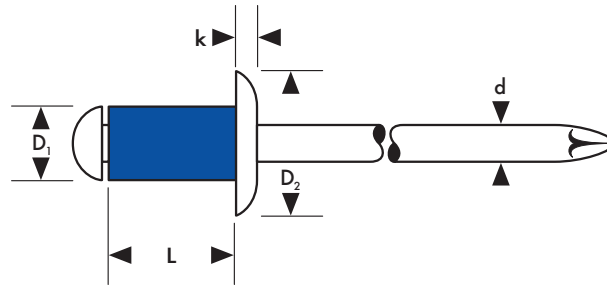
Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} / _{-0,15} D ₂ = 8,0 ⁺⁰ / _{-1,0} k = 1,2 ± 0,3 d = 2,5 L ^{+1,0} / _{-0,2}		8,0	4,0 x 6	0,5 - 2,5	631 0419	2.000 (204)	2.500 (255)
			4,0 x 8	2,5 - 4,5	631 0443		
			4,0 x 10	4,5 - 6,5	631 0451		
			4,0 x 12	6,5 - 8,5	631 0478		
			4,0 x 16	8,5 - 12,0	631 0486		
			4,0 x 18	12,0 - 14,0	631 0516		
			4,0 x 20	14,0 - 16,0	631 0508		
			4,0 x 25	16,0 - 21,0	631 0524		
Ø 4,8 Hole Ø 4,9 D ₁ = 4,8 ^{+0,08} / _{-0,15} D ₂ = 9,5 ⁺⁰ / _{-1,0} k = 1,3 ± 0,3 d = 3,0 L ^{+1,0} / _{-0,2}		9,5	4,8 x 8	2,0 - 4,0	631 0710	2.900 (296)	4.000 (408)
			4,8 x 10	4,0 - 6,0	631 0729		
			4,8 x 12	6,0 - 8,0	631 0737		
			4,8 x 16	8,0 - 11,0	631 0761		
			4,8 x 20	11,0 - 15,0	631 0788		
			4,8 x 25	15,0 - 20,0	631 0818		

according to DIN 7337

Ordering example: **Steel/Steel 4,0 x 10**
 or **Part Nº. 631 0451**

Blind Rivets

Steel/Steel Standard



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated, yellow chromate

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

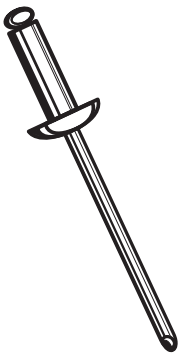
All dimensions in millimeter

Rivet Body Length L and D_1 actual size	Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
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<p>Ø 5,0</p> <p>Hole Ø 5,1</p> <p>$D_1 = 5,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$</p> <p>$D_2 = 9,5 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$</p> <p>$k = 1,3 \pm 0,3$</p> <p>$d = 3,0$</p> <p>$L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$</p>	9,5	5,0 x 8	2,0 - 4,0	631 0915	3.100 (316)	4.400 (449)
		5,0 x 10	4,0 - 6,0	631 0923		
		5,0 x 12	6,0 - 8,0	631 0931		
		5,0 x 14	8,0 - 9,5	631 0958		
		5,0 x 16	9,5 - 11,0	631 0966		
		5,0 x 18	11,0 - 13,0	631 0974		
		5,0 x 20	13,0 - 15,0	631 0982		
		5,0 x 25	15,0 - 20,0	631 1008		
		5,0 x 30	20,0 - 25,0	631 1024		
		5,0 x 35	25,0 - 30,0	631 1040		
		5,0 x 40	30,0 - 34,0	631 1067		
		5,0 x 45	34,0 - 39,0	631 1091		
		5,0 x 50	39,0 - 44,0	631 1121		

according to DIN 7337

Ordering example: **Steel/Steel 5,0 x 12**
 or **Part Nº. 631 0931**



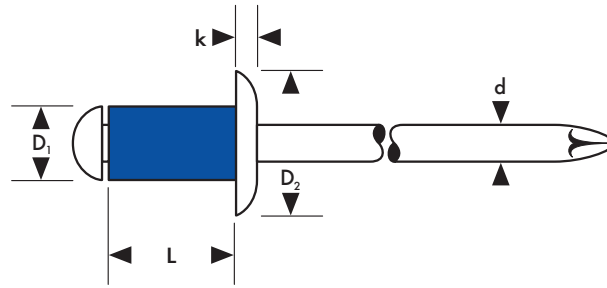
Do you know ...

What are the characteristics of the so-called SK mandrel head ?

... the SK mandrel head has an elliptical shape and can nowadays be found on more and more rivets in the Gesipa range of products. The greatest advantage is that the rivet body material safely engages the mandrel head during setting, so that it cannot fall out of the rivet later, even under dynamic sollicitation.

Blind Rivets

Steel/Steel Standard



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated, yellow chromate

D₁ = Body Ø
 D₂ = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

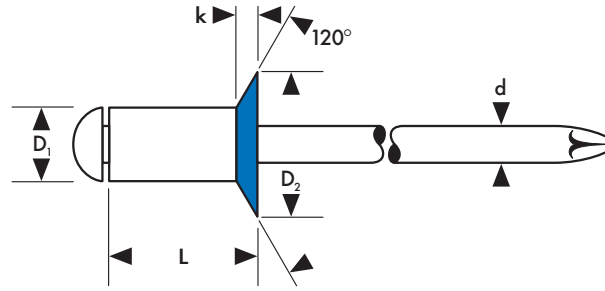
Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ × L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 6,0 Hole Ø 6,1 D ₁ = 6,0 ^{+0,08} _{-0,15} D ₂ = 12,0 ⁺⁰ _{-1,5} k = 1,5 ± 0,4 d = 3,65 L = ^{+1,0} _{-0,2}		12,0	6,0 × 10	2,5 - 4,5	631 1202	4.400 (449)	6.000 (612)
			6,0 × 12	4,5 - 6,5	631 1210		
			6,0 × 14	6,5 - 8,5	631 1229		
			6,0 × 16	8,5 - 10,5	631 1237		
			6,0 × 20	10,5 - 14,5	631 1245		
			6,0 × 25	14,5 - 19,5	631 1253		
			Ø 6,4 Hole Ø 6,5 D ₁ = 6,4 ^{+0,08} _{-0,15} D ₂ = 13,0 ⁺⁰ _{-1,5} k = 1,8 ± 0,4 d = 3,85 L = ^{+1,0} _{-0,2}		13,0		
6,4 × 12	3,0 - 6,0	631 1601					
6,4 × 16	6,0 - 9,0	631 1628					
6,4 × 18	9,0 - 11,0	631 1563					
6,4 × 20	11,0 - 13,0	631 1644					
6,4 × 25	13,0 - 17,0	631 1660					

according to DIN 7337

Ordering example: **Steel/Steel 6,4 x 8**
 or **Part Nº. 631 1598**

Blind Rivets

Steel/Steel Countersunk



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated,
yellow chromate

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

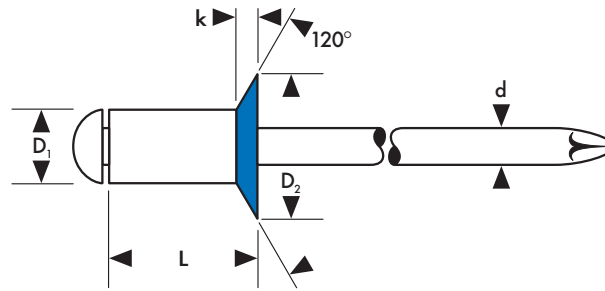
Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 D ₁ = 3,0 ^{+0,08} _{-0,1} D ₂ = 6,0 ⁺⁰ _{-0,4} k ~ 1,0 d = 1,95 L ^{+1,0} _{-0,2}		6,0	3,0 x 6	1,0 - 3,0	631 2136	1.000 (102)	1.300 (133)
			3,0 x 8	3,0 - 5,0	631 2152		
			3,0 x 10	5,0 - 6,5	631 2160		
			3,0 x 12	6,5 - 8,5	631 2179		
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} _{-0,15} D ₂ = 7,5 ⁺⁰ _{-0,5} k ~ 1,4 d = 2,5 L ^{+1,0} _{-0,2}		7,5	4,0 x 6	1,5 - 2,5	631 2411	2.000 (204)	2.500 (255)
			4,0 x 8	2,5 - 4,5	631 2446		
			4,0 x 10	4,5 - 6,5	631 2454		
			4,0 x 12	6,5 - 8,5	631 2462		
			4,0 x 16	8,5 - 12,0	631 2489		
			4,0 x 20	12,0 - 16,0	631 2500		

according to DIN 7337

Ordering example: **Steel/Steel 4,0 x 10 Countersunk**
or **Part Nº. 631 2454**

Blind Rivets

Steel/Steel Countersunk



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated,
yellow chromate

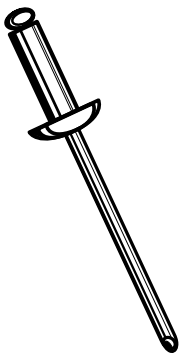
D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length <small>L and D_1 actual size</small>		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 5,0 Hole Ø 5,1 $D_1 = 5,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 9,0 \begin{smallmatrix} +0 \\ -0,5 \end{smallmatrix}$ $k \sim 1,7$ $d = 3,0$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		9,0	5,0 x 8	2,0 - 4,0	631 2926	3.100 (316)	4.400 (449)
			5,0 x 10	4,0 - 6,0	631 2934		
			5,0 x 12	6,0 - 8,0	631 2942		
			5,0 x 14	8,0 - 9,5	631 2810		
			5,0 x 16	9,5 - 11,0	631 2969		
			5,0 x 20	11,0 - 15,0	631 2977		
			5,0 x 25	15,0 - 20,0	631 3000		

according to DIN 7337

Ordering example: **Steel/Steel 5,0 x 10 Countersunk**
or **Part Nº. 631 2934**



Do you know ...

What is defined in the DIN 7337 Standard for blind rivets ?

... the DIN 7337 Standard defines only a few characteristics of blind rivets: Rivet Body Diameter, Diameter of the installation hole, minimum Shear and Tensile, as well as grip range and combination of materials.

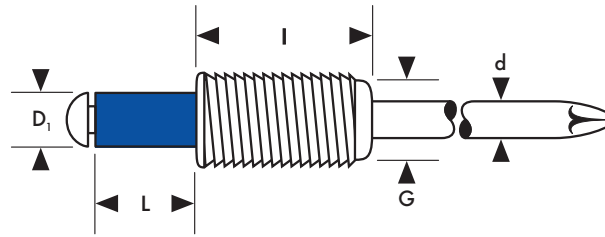
For its standard range of blind rivets, Gesipa offers following additional features :

1. All mandrels are long enough for the rivet to be set with a nosepiece extension of up to 10 mm.
2. All mandrels are zinc plated. This ensures clean work and low maintenance time for the tools.
3. The mandrel breaking point is located in accordance with the length of the rivet body: The longer the rivet, the longer the mandrel remaining in the rivet body after setting. This ensures mandrel break and extraction with a single tool action and simultaneously increases the shear resistance.

Blind Rivets



Steel/Steel Threaded



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated, yellow chromate

D_1 = Body Ø
 L = Body Length
 G = Thread Ø
 I = Thread length
 d = Mandrel Ø

All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Thread G x I	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)
Ø 3,0 Hole Ø 3,1	$D_1 = 3,0^{+0,08}_{-0,1}$ $d = 1,95$	M5 x 10	3,0 x 6	0,5 - 3,0	638 0018	1.100 (112)
	$L = +1,0_{-0,2}$	M5 x 15	3,0 x 9	3,0 - 6,0	638 0034	
Ø 4,0 Hole Ø 4,1	$D_1 = 4,0^{+0,08}_{-0,15}$ $d = 2,5$	M6 x 10	4,0 x 5	1,0 - 2,0	638 0131	2.000 (204)
	$L = +1,0_{-0,2}$	M6 x 15	4,0 x 8	2,0 - 5,0	638 0158	

Ordering example: **Threaded Steel M5 x 10 / 3,0 x 6**
 or **Part Nº. 638 0018**

Blind Rivets A2-Stainless Steel  Standard

Stinox  Standard

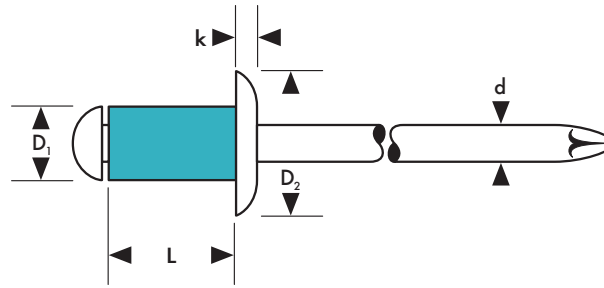
A4-Stainless Steel  Standard



Blind Rivets



A2-Stainless Steel Standard (304-AISI)



Rivet Body: Stainless Steel

(A2 - W-Nº. 1.4301)

Mandrel: Stainless Steel

(A2 - W-Nº. 1.4541)

D_1 = Body Ø

D_2 = Head Ø

k = Head Height

d = Mandrel Ø

L = Body Length

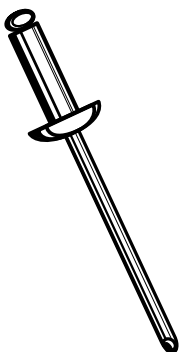
All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº.	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 $D_1 = 3,0 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,5 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 2,0$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,5	3,0 x 6	1,0 - 3,0	633 0134	2.000 (205)	2.500 (255)
			3,0 x 8	3,0 - 5,0	633 0150		
			3,0 x 10	5,0 - 6,5	633 0169		
			3,0 x 12	6,5 - 8,5	633 0177		
			3,0 x 14	8,5 - 10,5	633 0185		
			3,0 x 16	10,5 - 12,5	633 0193		
Ø 3,2 Hole Ø 3,3 $D_1 = 3,2 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,5 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 2,0$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,5	3,2 x 6	1,0 - 3,0	633 0312	2.700 (275)	3.400 (347)
			3,2 x 8	3,0 - 5,0	633 0320		
			3,2 x 10	5,0 - 6,5	633 0339		
			3,2 x 12	6,5 - 8,5	633 0347		
			3,2 x 14	8,5 - 10,5	633 0363		
			3,2 x 16	10,5 - 12,5	633 0355		

according to DIN 7337

Ordering example: **A2-Stainless Steel 3,0 x 10**
or **Part Nº. 633 0169**

Also available with countersunk head upon request.



Do you know ...

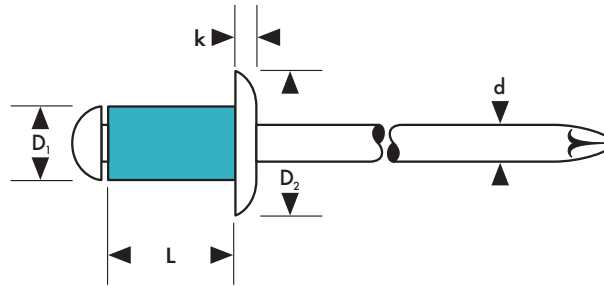
What is the difference between A2 Stainless Steel and A4 Stainless Steel ?

... it is not a question of material strength, but a matter of resistance to corrosion. Due to its higher Molybden content, A4 Stainless Steel is more corrosion-proof against aggressive substances. For this reason, it is widely used in the chemical industry, as well as the food processing industry. All tanks, pipes and valves coming into contact with food are made of A4 Stainless Steel. Therefore Gesipa produces a range of blind rivets in the same material in order to offer safe and reliable fastening in such an environment.

Blind Rivets



A2-Stainless Steel Standard (304-AISI)



Rivet Body: Stainless Steel

(A2 - W-Nº. 1.4301)

Mandrel: Stainless Steel

(A2 - W-Nº. 1.4541)

D₁ = Body Ø

D₂ = Head Ø

k = Head Height

d = Mandrel Ø

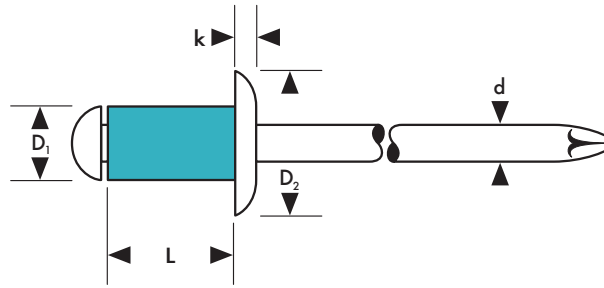
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size	Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº.	Shear N(kp)	Tensile N(kp)
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 8,0 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$ $k = 1,2 \pm 0,3$ $d = 2,6$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$	8,0	• 4,0 x 6	1,0 - 2,5	633 0401	3.800 (385)	4.700 (479)
		• 4,0 x 8	2,5 - 4,5	633 0444		
		4,0 x 10	4,5 - 6,5	633 0452		
		4,0 x 12	6,5 - 8,5	633 0460		
		4,0 x 14	8,5 - 10,5	633 0533		
		4,0 x 16	10,5 - 12,0	633 0487		
		4,0 x 20	12,0 - 16,0	633 0509		
		4,0 x 25	16,0 - 21,0	633 0525		
Ø 4,8 Hole Ø 4,9 $D_1 = 4,8 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 9,5 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$ $k = 1,3 \pm 0,3$ $d = 3,2$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$	9,5	4,8 x 6	1,0 - 2,0	633 0606	5.000 (510)	6.500 (660)
		4,8 x 8	2,0 - 4,0	633 0614		
		4,8 x 10	4,0 - 6,0	633 0622		
		4,8 x 12	6,0 - 8,0	633 0630		
		4,8 x 14	8,0 - 9,5	633 0649		
		4,8 x 16	9,5 - 11,0	633 0657		
		4,8 x 20	11,0 - 15,0	633 0673		
Ø 5,0 Hole Ø 5,1 $D_1 = 5,0 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 9,5 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$ $k = 1,3 \pm 0,3$ $d = 3,2$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$	9,5	5,0 x 6	1,0 - 2,0	633 0908	5.900 (602)	7.200 (735)
		5,0 x 8	2,0 - 4,0	633 0924		
		5,0 x 10	4,0 - 6,0	633 0932		
		5,0 x 12	6,0 - 8,0	633 0940		
		5,0 x 14	8,0 - 9,5	633 0959		
		5,0 x 16	9,5 - 11,0	633 0967		
		5,0 x 20	11,0 - 15,0	633 0983		
		5,0 x 25	15,0 - 20,0	633 1009		
		5,0 x 30	20,0 - 25,0	633 1025		
		5,0 x 35	25,0 - 30,0	633 1041		
		5,0 x 40	30,0 - 34,0	633 1033		

Blind Rivets

Stinox Standard



Rivet Body: Stainless Steel
(A2 - W-Nº 1.4301)

Mandrel: Steel, zinc plated

D₁ = Body Ø

D₂ = Head Ø

k = Head Height

d = Mandrel Ø

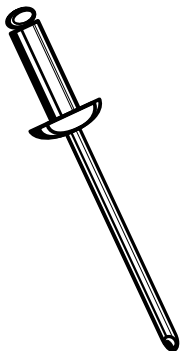
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 D ₁ = 3,0 ^{+0,08} _{-0,1} D ₂ = 6,5 ⁺⁰ _{-0,7} k = 1,0 ±0,2 d = 2,0 L ^{+1,0} _{-0,2}		6,5	3,0 x 6	1,0 - 3,0	636 0130	2.000 (205)	2.500 (255)
			3,0 x 8	3,0 - 5,0	636 0157		
			3,0 x 10	5,0 - 6,5	636 0165		
Ø 3,2 Hole Ø 3,3 D ₁ = 3,2 ^{+0,08} _{-0,1} D ₂ = 6,5 ⁺⁰ _{-0,7} k = 1,0 ±0,2 d = 2,0 L ^{+1,0} _{-0,2}		6,5	3,2 x 6	1,0 - 3,0	636 0319	2.700 (275)	3.400 (347)
			3,2 x 8	3,0 - 5,0	636 0327		
			3,2 x 10	5,0 - 6,5	636 0335		

according to DIN 7337

Ordering example: **Stinox 3,0 x 10**
or **Part Nº. 636 0165**

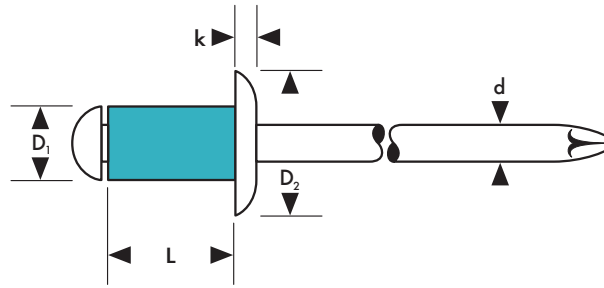


Do you know ...
that Stinox blind rivets may help you reduce costs ?

... when Shear and Tensile requirements and the materials to be riveted (Prevention of contact corrosion) render the use of a stainless steel blind rivet necessary, but when the fastening does not require any special protection against corrosion, then it is possible to use the more economical Stinox blind rivet.

Blind Rivets

Stinox Standard



Rivet Body: Stainless Steel
(A2 - W.-N° 1.4301)

Mandrel: Steel, zinc plated

D₁ = Body Ø

D₂ = Head Ø

k = Head Height

d = Mandrel Ø

L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ × L	Grip Range	Part-N°	Shear N(kp)	Tensile N(kp)
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 8,0 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$ $k = 1,2 \pm 0,3$ $d = 2,6$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		8,0	4,0 × 6	1,0 - 2,5	636 0416	3.800 (385)	4.700 (479)
			4,0 × 8	2,5 - 4,5	636 0440		
			4,0 × 10	4,5 - 6,5	636 0459		
			4,0 × 12	6,5 - 8,5	636 0467		
			4,0 × 16	8,5 - 12,0	636 0483		
Ø 5,0 Hole Ø 5,1 $D_1 = 5,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 9,5 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$ $k = 1,3 \pm 0,3$ $d = 3,2$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		9,5	5,0 × 8	2,0 - 4,0	636 0920	5.900 (602)	7.200 (735)
			5,0 × 10	4,0 - 6,0	636 0939		
			5,0 × 12	6,0 - 8,0	636 0947		
			5,0 × 16	8,0 - 11,0	636 0963		

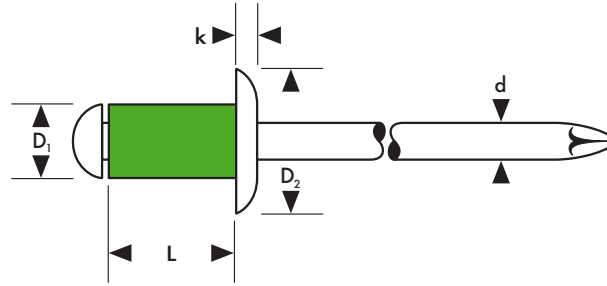
according to DIN 7337

Ordering example: **Stinox 4,0 x 6**
or **Part N° 636 0416**

Blind Rivets



A4-Stainless Steel Standard (316-AISI)



Rivet Body: Stainless Steel

(A4 - W-Nº 1.4401)

Mandrel: Stainless Steel

(A4 - W-Nº 1.4571)

D₁ = Body Ø

D₂ = Head Ø

k = Head Height

d = Mandrel Ø

L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		D ₂ Head	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 D ₁ = 3,0 ^{+0,08} _{-0,1} D ₂ = 6,5 ⁺⁰ _{-0,7} k = 1,0 ±0,2 d = 2,0 L ^{+1,0} _{-0,2}		6,5	3,0 x 6	1,0 - 3,0	648 0004	2.000 (205)	2.500 (255)
			3,0 x 8	3,0 - 5,0	648 0012		
			3,0 x 10	5,0 - 6,5	648 0020		
			3,0 x 12	6,5 - 8,5	648 0039		
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} _{-0,15} D ₂ = 8,0 ⁺⁰ _{-1,0} k = 1,2 ±0,3 d = 2,6 L ^{+1,0} _{-0,2}		8,0	4,0 x 6	1,0 - 2,5	648 0047	3.800 (385)	4.700 (479)
			4,0 x 8	2,5 - 4,5	648 0055		
			4,0 x 10	4,5 - 6,5	648 0063		
			4,0 x 12	6,5 - 8,5	648 0071		
			4,0 x 16	8,5 - 12,0	648 0098		
Ø 5,0 Hole Ø 5,1 D ₁ = 5,0 ^{+0,08} _{-0,15} D ₂ = 9,5 ⁺⁰ _{-1,0} k = 1,3 ±0,3 d = 3,2 L ^{+1,0} _{-0,2}		9,5	5,0 x 6	1,0 - 2,0	648 0101	5.900 (602)	7.200 (735)
			5,0 x 8	2,0 - 4,0	648 0128		
			5,0 x 10	4,0 - 6,0	648 0136		
			5,0 x 12	6,0 - 8,0	648 0144		
			5,0 x 16	8,0 - 11,0	648 0152		
			5,0 x 20	11,0 - 15,0	648 0160		

Ordering example: **A4-Stainless Steel 5,0 x 10**
or **Part Nº. 648 0136**

Blind Rivets

Copper/Steel  **Standard**

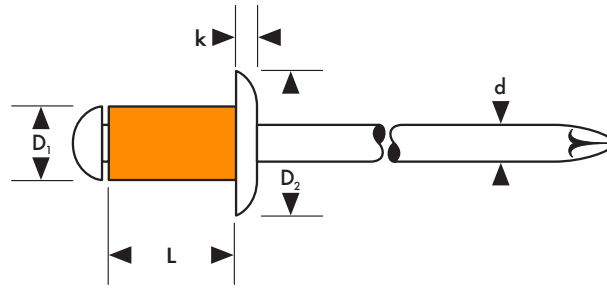
Copper/Bronze  **Standard**

Plastic  **Standard**



Blind Rivets

Copper/Steel Standard



Rivet Body: Copper-alloy
Mandrel: Steel, zinc plated

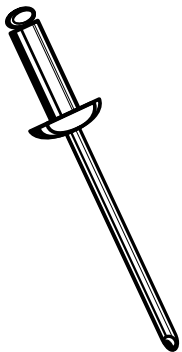
D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ × L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 D ₁ = 3,0 ^{+0,08} / _{-0,1} D ₂ = 6,5 ⁺⁰ / _{-0,7} k = 1,0 ±0,2 d = 1,8 L ^{+1,0} / _{-0,2}		6,5	3,0 × 4	0,5 - 1,5	634 0105	800 (82)	1.000 (102)
			3,0 × 6	1,5 - 3,0	634 0121		
			3,0 × 8	3,0 - 5,0	634 0156		
			3,0 × 10	5,0 - 7,0	634 0164		
			3,0 × 12	7,0 - 9,0	634 0172		
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} / _{-0,15} D ₂ = 8,0 ⁺⁰ / _{-1,0} k = 1,2 ±0,3 d = 2,1 L ^{+1,0} / _{-0,2}		8,0	4,0 × 6	0,5 - 3,5	634 0415	1.600 (163)	2.200 (225)
			4,0 × 8	3,5 - 4,5	634 0431		
			4,0 × 10	4,5 - 6,5	634 0458		
			4,0 × 12	6,5 - 8,5	634 0466		

according to DIN 7337

Ordering example: **Copper/Steel 3,0 x 12**
or **Part Nº. 634 0172**



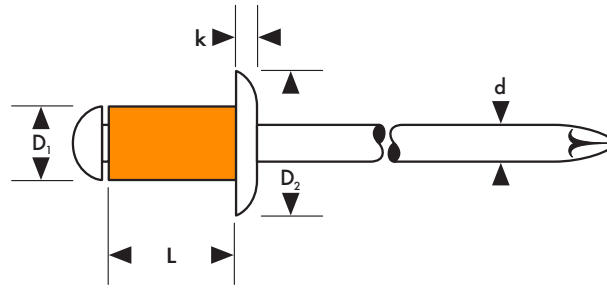
Do you know ...
that Gesipa produces a high number of so-called special rivets ?

... just because around 700 different standard references do not cover all kind of riveting applications.

For this kind of special requirement, our Technical Sales department develops and tests appropriate special blind rivets in close co-operation with the end-users. Such special solutions quite often include the selection of optimal setting tools and machinery, so that a system is created, composed of application, blind rivet and setting tool, which decisively influences the cost/performance ratio of the fastening solution.

Blind Rivets

Copper/Bronze Standard



Rivet Body: Copper-alloy
Mandrel: Bronze

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

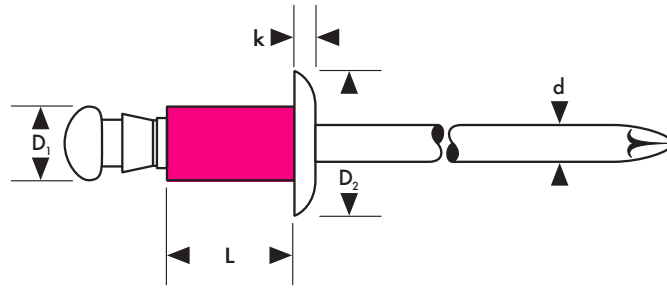
Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ × L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,0 Hole Ø 3,1 D ₁ = 3,0 ^{+0,08} _{-0,1} D ₂ = 6,5 ⁺⁰ _{-0,7} k = 1,0 ±0,2 d = 1,8 L ^{+1,0} _{-0,2}		6,5	3,0 × 4	0,5 - 1,5	635 0100	800 (82)	1.000 (102)
			3,0 × 6	1,5 - 3,0	635 0135		
			3,0 × 8	3,0 - 5,0	635 0151		
			3,0 × 10	5,0 - 7,0	635 0178		
			3,0 × 12	7,0 - 9,0	635 0186		
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} _{-0,15} D ₂ = 8,0 ⁺⁰ _{-1,0} k = 1,2 ±0,3 d = 2,1 L ^{+1,0} _{-0,2}		8,0	4,0 × 6	0,5 - 3,5	635 0410	1.600 (163)	2.200 (225)
			4,0 × 8	3,5 - 4,5	635 0445		
			4,0 × 10	4,5 - 6,5	635 0453		
			4,0 × 12	6,5 - 8,5	635 0461		

according to DIN 7337

Ordering example: **Copper/Bronze 3,0 x 8**
or **Part Nº. 635 0151**

Blind Rivets

Plastic Standard



Rivet Body: Polyamid, PA 6.6
Mandrel: Polyamid, PA 6.6

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} _{-0,1} D ₂ = 9,0 ± 0,2 k = 1,2 ± 0,2 d = 2,5 L ^{+1,0} _{-0,2}		9,0	4,0 x 8	0,5 - 5,0	640 0019	180 (18)
			4,0 x 12	5,0 - 9,0	640 0035	
Ø 5,0 Hole Ø 5,1 D ₁ = 5,0 ^{+0,08} _{-0,1} D ₂ = 11,0 ± 0,3 k = 1,5 ± 0,3 d = 3,0 L ^{+1,0} _{-0,2}		11,0	5,0 x 8	0,5 - 5,0	640 0116	290 (30)
			5,0 x 12	5,0 - 9,0	640 0132	
Ø 6,0 Hole Ø 6,1 D ₁ = 6,0 ^{+0,08} _{-0,1} D ₂ = 13,0 ± 0,3 k = 1,5 ± 0,3 d = 3,5 L ^{+1,0} _{-0,2}		13,0	6,0 x 8	0,5 - 5,0	640 0213	440 (45)
			6,0 x 12	5,0 - 9,0	640 0256	

Ordering example: **Plastic 6,0 x 8**
or **Part Nº. 640 0213**

Multigrip Blind Rivets PolyGrip®

Alu / Steel  **Standard**
Large Flange

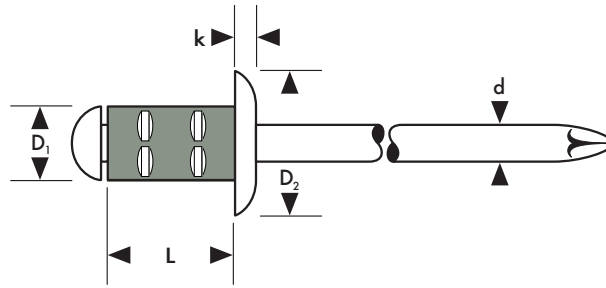
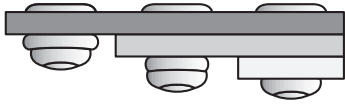
Alu / Stainless Steel  **Standard**
Large Flange

Steel / Steel  **Standard**
Large Flange

A2-Stainless Steel  **Standard**

PolyGrip® Multigrip Blind Rivets

Alu/Steel Standard



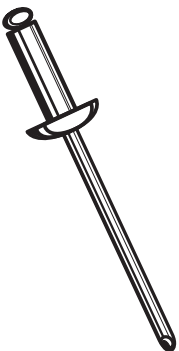
Rivet Body: AlMg 2,5
Mandrel: Steel, zinc plated

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		D ₂ Head	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,3 D ₁ = 3,2 ^{+0,08} _{-0,1} D ₂ = 6,5 ⁺⁰ _{-0,7} k = 0,8 ^{+0,3} ₋₀ d = 1,8 L ^{+1,0} ₋₀		6,5	3,2 x 8	0,5 - 5,0	670 0012	720 (73)	1.050 (107)
			3,2 x 9,5	1,5 - 6,5	670 0020		
			3,2 x 11	3,0 - 8,0	670 0039		
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} _{-0,15} D ₂ = 8,0 ⁺⁰ _{-1,0} k = 1,0 ^{+0,3} ₋₀ d = 2,3 L ^{+1,0} ₋₀		8,0	4,0 x 10	0,5 - 6,5	670 0071	1.060 (108)	1.680 (171)
			4,0 x 13	3,5 - 9,5	670 0098		
			4,0 x 17	7,0 - 13,0	670 0101		
Ø 4,8 Hole Ø 4,9 D ₁ = 4,8 ^{+0,08} _{-0,15} D ₂ = 9,5 ⁺⁰ _{-1,0} k = 1,3 ^{+0,3} ₋₀ d = 2,7 L ^{+1,0} ₋₀ • DIBt-Approval Nº. Z-14.1-4		9,5	• 4,8 x 10	0,5 - 6,5	670 0144	1.600 (163)	2.270 (231)
			4,8 x 15	4,5 - 11,0	670 0152		
			4,8 x 17	6,5 - 13,0	670 0160		
			4,8 x 25	11,0 - 19,5	670 0217		
			4,8 x 30	16,0 - 24,0	670 0225		
Ø 6,4 Hole Ø 6,5 D ₁ = 6,4 ^{+0,08} _{-0,15} D ₂ = 13,0 ⁺⁰ _{-1,5} k = 1,8 ^{+0,4} ₋₀ d = 3,65 L ^{+1,0} ₋₀		13,0	6,4 x 15	1,5 - 9,0	670 0268	2.800 (285)	4.000 (405)
			6,4 x 20	6,0 - 14,0	670 0276		
			6,4 x 25	10,0 - 18,0	670 0284		

Ordering example: **PG Alu/Steel 4,0 x 10**
or **Part Nº. 670 0071**

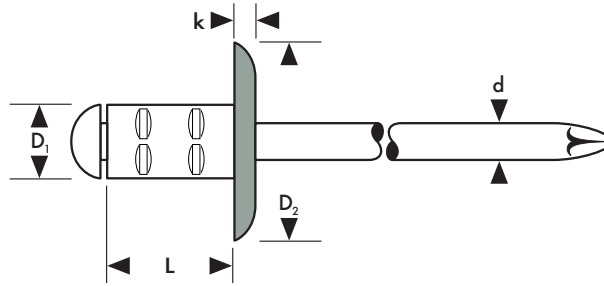
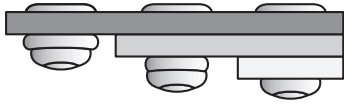


Do you know...
what **PolyGrip®** rivets really are ?

PolyGrip® blind rivets are multigrip blind rivets of excellence. This means that a wide grip range is covered with a single rivet dimension, which consequently reduces the stock keeping and number of references.

Moreover, the **PolyGrip®** rivet offers outstanding hole filling capability, thus ensuring a safe riveting even in above-average hole tolerances. The mandrel is doubly secured in the rivet body, providing the **PolyGrip®** rivets with an outstanding splash-water tightness.

PolyGrip® Multigrip Blind Rivets



Alu/Steel Large Flange

Rivet Body: AlMg 2,5
Mandrel: Steel, zinc plated

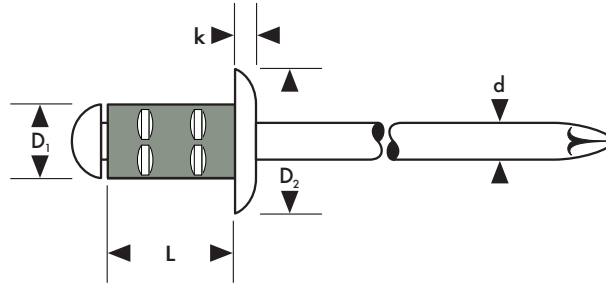
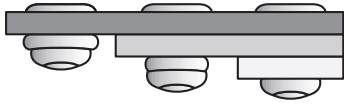
D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 K 9,5 Hole Ø 3,3	$D_1 = 3,2^{+0,08}_{-0,1}$ $D_2 = 9,5^{+0}_{-1,0}$ $k = 1,3^{+0,3}_{-0}$ $d = 1,8$ $L =^{+1,0}_{-0}$	9,5	3,2 x 8	0,5 - 5,0	670 0047	720 (73)	1.050 (107)
			3,2 x 9,5	1,5 - 6,5	670 0055		
			3,2 x 11	3,0 - 8,0	670 0063		
Ø 4,0 K 12 Hole Ø 4,1	$D_1 = 4,0^{+0,08}_{-0,15}$ $D_2 = 12,0^{+0}_{-1,5}$ $k = 1,5^{+0,4}_{-0}$ $d = 2,3$ $L =^{+1,0}_{-0}$	12,0	4,0 x 10	0,5 - 6,5	670 0128	1.060 (108)	1.680 (171)
			4,0 x 13	3,5 - 9,5	670 0136		
			4,0 x 17	7,0 - 13,0	670 0209		
Ø 4,8 K 16 Hole Ø 4,9	$D_1 = 4,8^{+0,08}_{-0,15}$ $D_2 = 16,0^{+0}_{-1,5}$ $k = 1,8^{+0,4}_{-0}$ $d = 2,7$ $L =^{+1,0}_{-0}$	16,0	4,8 x 10	0,5 - 6,5	670 0179	1.600 (163)	2.270 (231)
			4,8 x 15	4,5 - 11,0	670 0187		
			4,8 x 17	6,5 - 13,0	670 0195		
			4,8 x 25	11,0 - 19,5	670 0233		
			4,8 x 30	16,0 - 24,0	670 0241		

Ordering example: **PG Alu/Steel 4,0 x 10 K12**
or **Part Nº. 670 0128**

PolyGrip® Multigrip Blind Rivets



Alu/Stainl. Steel Standard

Rivet Body: AlMg 2,5
Mandrel: Stainless Steel
(A2 - W-Nº. 1.4541)

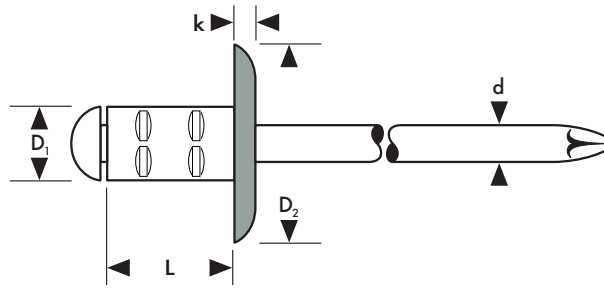
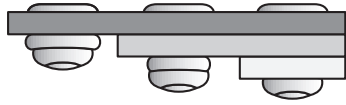
D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Rivet Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº.	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,3 D ₁ = 3,2 ^{+0,08} _{-0,1} D ₂ = 6,5 ⁺⁰ _{-0,7} k = 0,8 ^{+0,3} ₋₀ d = 1,8 L ^{+0,8} _{-0,2}		6,5	3,2 x 8	0,5 - 5,0	672 0013	720 (73)	1.050 (107)
			3,2 x 9,5	1,5 - 6,5	672 0021		
			3,2 x 11	3,0 - 8,0	672 0048		
Ø 4,0 Hole Ø 4,1 D ₁ = 4,0 ^{+0,08} _{-0,15} D ₂ = 8,0 ⁺⁰ _{-1,0} k = 1,0 ^{+0,3} ₋₀ d = 2,3 L ^{+1,0} ₋₀		8,0	4,0 x 10	0,5 - 6,5	672 0080	1.060 (108)	1.680 (171)
			4,0 x 13	3,5 - 9,5	672 0099		
			4,0 x 17	7,0 - 13,0	672 0102		
Ø 4,8 Hole Ø 4,9 D ₁ = 4,8 ^{+0,08} _{-0,15} D ₂ = 9,5 ⁺⁰ _{-1,0} k = 1,3 ^{+0,3} ₋₀ d = 2,7 L ^{+1,0} ₋₀ • DIBt-Approval Nº. Z-14.1-4		9,5	• 4,8 x 10	0,5 - 6,5	672 0145	1.600 (163)	2.270 (231)
			4,8 x 15	4,5 - 11,0	672 0153		
			4,8 x 17	6,5 - 13,0	672 0161		
			4,8 x 25	11,0 - 19,5	672 0188		
			4,8 x 30	16,0 - 24,0	672 0196		
Ø 6,4 Hole Ø 6,5 D ₁ = 6,4 ^{+0,08} _{-0,15} D ₂ = 13,0 ⁺⁰ _{-1,5} k = 1,8 ^{+0,4} ₋₀ d = 3,65 L ^{+1,0} ₋₀		13,0	6,4 x 15	1,5 - 9,0	672 0269	2.800 (286)	4.000 (405)
			6,4 x 20	6,0 - 14,0	672 0277		
			6,4 x 25	10,0 - 18,0	672 0285		

Ordering example: **PG Alu/Stainless Steel 4,0 x 10**
or **Part Nº. 672 0080**

PolyGrip® Multigrip Blind Rivets



Alu/Stainl. Steel Large Flange

Rivet Body: AlMg 2,5
Mandrel: Stainless Steel
(A2 - W-Nº. 1.4541)

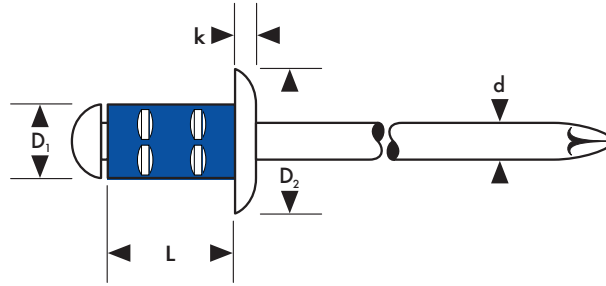
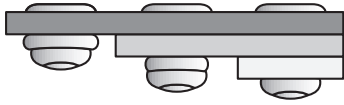
D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº.	Shear N(kp)	Tensile N(kp)
Ø 3,2 K 9,5 Hole Ø 3,3	$D_1 = 3,2^{+0,08}_{-0,1}$ $D_2 = 9,5^{+0}_{-1,0}$ $k = 1,3^{+0,3}_{-0}$ $d = 1,8$ $L =^{+0,8}_{-0,2}$	9,5	3,2 x 8	0,5 - 5,0	672 0056	720 (73)	1.050 (107)
			3,2 x 9,5	1,5 - 6,5	672 0064		
			3,2 x 11	3,0 - 8,0	672 0072		
Ø 4,0 K 12 Hole Ø 4,1	$D_1 = 4,0^{+0,08}_{-0,15}$ $D_2 = 12,0^{+0}_{-1,5}$ $k = 1,5^{+0,4}_{-0}$ $d = 2,3$ $L =^{+1,0}_{-0}$	12,0	4,0 x 10	0,5 - 6,5	672 0110	1.060 (108)	1.680 (171)
			4,0 x 13	3,5 - 9,5	672 0129		
			4,0 x 17	7,0 - 13,0	672 0137		
Ø 4,8 K 16 Hole Ø 4,9	$D_1 = 4,8^{+0,08}_{-0,15}$ $D_2 = 16,0^{+0}_{-1,5}$ $k = 1,8^{+0,4}_{-0}$ $d = 2,7$ $L =^{+1,0}_{-0}$	16,0	4,8 x 10	0,5 - 6,5	672 0218	1.600 (163)	2.270 (231)
			4,8 x 15	4,5 - 11,0	672 0226		
			4,8 x 17	6,5 - 13,0	672 0234		
			4,8 x 25	11,0 - 19,5	672 0242		
			4,8 x 30	16,0 - 24,0	672 0250		

Ordering example: **PG Alu/Stainless Steel 4,0 x 10 K12**
or **Part Nº. 672 0110**

PolyGrip® Multigrip Blind Rivets



Steel/Steel Standard

Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated

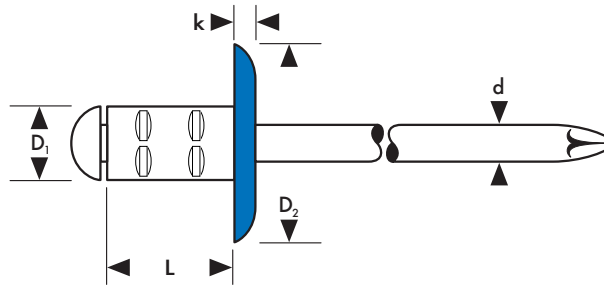
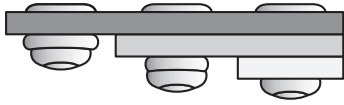
D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length <small>L and D_1 actual size</small>		Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)	
Ø 3,2 Hole Ø 3,3 $D_1 = 3,2^{+0,08}_{-0,1}$ $D_2 = 6,5^{+0}_{-0,7}$ $k = 0,8^{+0,3}_{-0}$ $d = 2,1$ $L = ^{+1,0}_{-0}$		6,5	3,2 x 8	1,0 - 5,0	671 0018	1.200 (122)	1.600 (163)
			3,2 x 9,5	2,0 - 6,5	671 0026		
			3,2 x 11	3,0 - 8,0	671 0034		
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0^{+0,08}_{-0,15}$ $D_2 = 8,0^{+0}_{-1,0}$ $k = 1,0^{+0,3}_{-0}$ $d = 2,6$ $L = ^{+1,0}_{-0}$		8,0	4,0 x 10	1,0 - 6,5	671 0077	1.650 (168)	2.400 (245)
			4,0 x 13	4,5 - 9,0	671 0085		
			4,0 x 17	8,5 - 13,0	671 0093		
Ø 4,8 Hole Ø 4,9 $D_1 = 4,8^{+0,08}_{-0,15}$ $D_2 = 9,5^{+0}_{-1,0}$ $k = 1,3^{+0,3}_{-0}$ $d = 3,2$ $L = ^{+1,0}_{-0}$		9,5	4,8 x 10	1,0 - 6,5	671 0131	2.400 (245)	3.200 (326)
			4,8 x 15	6,0 - 11,0	671 0158		
			4,8 x 17	8,5 - 13,0	671 0166		

Ordering example: **PG Steel/Steel 4,0 x 10**
or **Part Nº. 671 0077**

PolyGrip® Multigrip Blind Rivets



Steel/Steel Large Flange

Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated

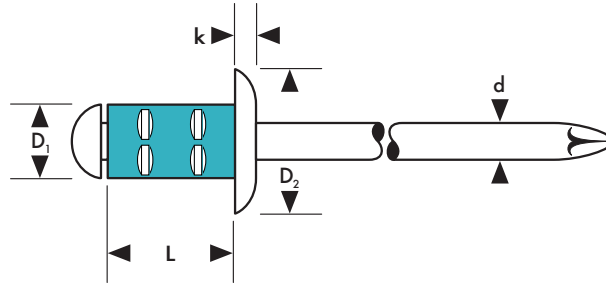
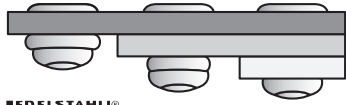
D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ × L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 K 9,5 Hole Ø 3,3	$D_1 = 3,2^{+0,08}_{-0,1}$ $D_2 = 9,5^{+0}_{-1,0}$ $k = 1,3^{+0,3}_{-0}$ $d = 2,1$ $L =^{+1,0}_{-0}$	9,5	3,2 × 8	1,0 - 5,0	671 0042	1.200 (122)	1.600 (163)
			3,2 × 9,5	2,0 - 6,5	671 0050		
			3,2 × 11	3,0 - 8,0	671 0069		
Ø 4,0 K 12 Hole Ø 4,1	$D_1 = 4,0^{+0,08}_{-0,15}$ $D_2 = 12,0^{+0}_{-1,5}$ $k = 1,5^{+0,4}_{-0}$ $d = 2,6$ $L =^{+1,0}_{-0}$	12,0	4,0 × 10	1,0 - 6,5	671 0107	1.650 (168)	2.400 (245)
			4,0 × 13	4,5 - 9,0	671 0115		
			4,0 × 17	8,5 - 13,0	671 0123		
Ø 4,8 K 16 Hole Ø 4,9	$D_1 = 4,8^{+0,08}_{-0,15}$ $D_2 = 16,0^{+0}_{-1,5}$ $k = 1,8^{+0,4}_{-0}$ $d = 3,2$ $L =^{+1,0}_{-0}$	16,0	4,8 × 10	1,0 - 6,5	671 0174	2.400 (245)	3.200 (326)
			4,8 × 15	6,0 - 11,0	671 0182		
			4,8 × 17	8,5 - 13,0	671 0190		

Ordering example: **PG Steel/Steel 4,0 x 10 K12**
or **Part Nº. 671 0107**

PolyGrip® Multigrip Blind Rivets



A2-Stainl. Steel Standard (304-AISI)

Rivet Body: Stainless Steel

(A2 - W-Nº 1.4567)

Mandrel: Stainless Steel

(A2 - W-Nº 1.4541)

D₁ = Body Ø

D₂ = Head Ø

k = Head Height

d = Mandrel Ø

L = Body Length

All dimensions in millimeter

Rivet Body Length L and D ₁ actual size		Head D ₂	Rivet Body D ₁ x L	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,3 $D_1 = 3,2^{+0,08}_{-0,1}$ $D_2 = 6,5^{+0}_{-0,7}$ $k = 0,8^{+0,3}_{-0}$ $d = 2,2$ $L =^{+1,0}_{-0}$		6,5	3,2 x 8	1,0 - 5,0	673 0019	1.450 (148)	2.300 (235)
			3,2 x 9,5	2,0 - 6,5	673 0027		
			3,2 x 11	3,0 - 8,0	673 0035		
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0^{+0,08}_{-0,15}$ $D_2 = 8,0^{+0}_{-1,0}$ $k = 1,0^{+0,3}_{-0}$ $d = 2,7$ $L =^{+1,0}_{-0}$		8,0	4,0 x 10	1,0 - 6,5	673 1007	2.650 (271)	3.600 (367)
			4,0 x 13	6,0 - 9,5	673 1015		
			4,0 x 17	8,5 - 13,0	673 1023		
Ø 4,8 Hole Ø 4,9 $D_1 = 4,8^{+0,08}_{-0,15}$ $D_2 = 9,5^{+0}_{-1,0}$ $k = 1,3^{+0,3}_{-0}$ $d = 3,2$ $L =^{+1,0}_{-0}$		9,5	4,8 x 10	1,0 - 6,0	673 2032	4.000 (407)	5.000 (509)
			4,8 x 15	5,0 - 10,0	673 2059		
			4,8 x 17	8,0 - 12,0	673 2067		


Ordering example: **PG A2-Stainless Steel 4,0 x 10**
or **Part Nº. 673 1007**

CAP- Blind Rivets

airtight - watertight

Alu/Steel  **Standard**

Alu/Stainless Steel  **Standard**

Copper/Steel  **Standard**

Copper/Stainless Steel  **Standard**

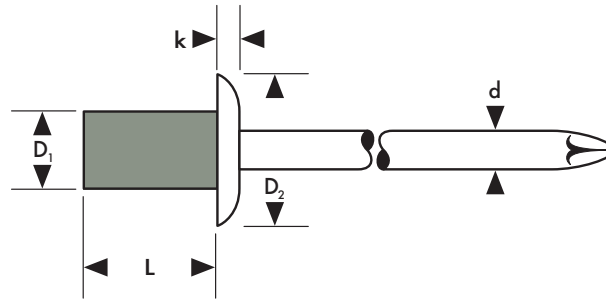
A2-Stainless Steel  **Standard**

CAP-

Blind Rivets

airtight-watertight

Alu/Steel Standard



Rivet Body: **AlMg 5**
Mandrel: **Steel, phosphated**

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,3 $D_1 = 3,2 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,5 \pm 0,5$ $k = 1,2 \pm 0,3$ $d = 1,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,5	3,2 x 6,5	0,5 - 2,0	610 0016	1.050 (107)	1.250 (127)
			3,2 x 8,0	2,0 - 3,5	610 0032		
			3,2 x 9,5	3,5 - 5,0	610 0059		
			3,2 x 10,5	5,0 - 6,5	610 0075		
			3,2 x 12,5	6,5 - 8,0	610 0091		
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 8,5 \pm 0,5$ $k = 1,3 \pm 0,3$ $d = 2,2$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		8,5	4,0 x 8,0	0,5 - 3,5	610 0709	1.550 (158)	2.100 (214)
			4,0 x 9,5	3,5 - 5,0	610 0717		
			4,0 x 11,0	5,0 - 6,5	610 0725		
			4,0 x 12,5	6,5 - 8,0	610 0733		
			4,0 x 15,0	8,0 - 11,0	610 0741		
Ø 4,8 Hole Ø 4,9 $D_1 = 4,8 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 10,0 \pm 0,5$ $k = 1,8 \pm 0,3$ $d = 2,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$ • DIBt-Approval Nº. Z-14.1-4		10,0	• 4,8 x 8,0	1,0 - 3,5	610 0350	2.400 (245)	3.500 (356)
			4,8 x 9,5	3,5 - 5,0	610 0377		
			4,8 x 11,0	5,0 - 6,5	610 0393		
			4,8 x 12,5	6,5 - 8,0	610 0415		
			4,8 x 14,0	8,0 - 9,5	610 0431		
			4,8 x 16,0	9,5 - 11,0	610 0873		
			4,8 x 18,0	11,0 - 13,0	610 0857		
			4,8 x 21,0	13,0 - 16,0	610 0865		

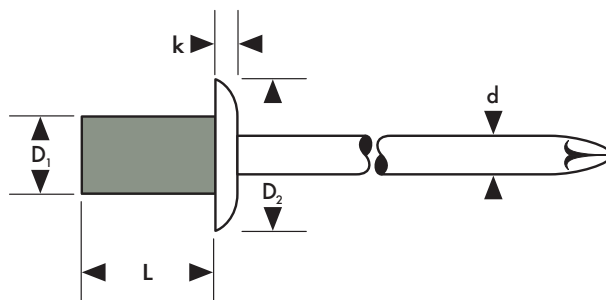
Ordering example: **CAP-Alu/Steel 3,2 x 8,0**
or **Part Nº. 610 0032**

CAP-

Blind Rivets

airtight-watertight

Alu/Stainl. Steel Standard



Rivet Body: AlMg 5
Mandrel: Stainless Steel
 (A2 - W.-Nr. 1.4541)

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

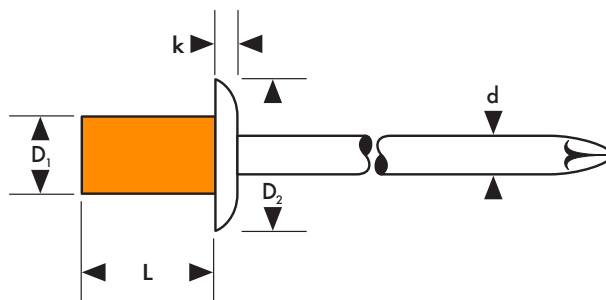
All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,3 $D_1 = 3,2 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,5 \pm 0,5$ $k = 1,2 \pm 0,3$ $d = 1,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,5	3,2 x 6,5	0,5 - 2,0	612 2000	1.050 (107)	1.250 (127)
			3,2 x 8,0	2,0 - 3,5	612 2019		
			3,2 x 9,5	3,5 - 5,0	612 2027		
			3,2 x 10,5	5,0 - 6,5	612 2035		
			3,2 x 12,5	6,5 - 8,0	612 2043		
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 8,5 \pm 0,5$ $k = 1,3 \pm 0,3$ $d = 2,2$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		8,5	4,0 x 8,0	0,5 - 3,5	612 2108	1.550 (158)	2.100 (214)
			4,0 x 9,5	3,5 - 5,0	612 2116		
			4,0 x 11,0	5,0 - 6,5	612 2124		
			4,0 x 12,5	6,5 - 8,0	612 2132		
Ø 4,8 Hole Ø 4,9 $D_1 = 4,8 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 10,0 \pm 0,5$ $k = 1,8 \pm 0,3$ $d = 2,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$ • DIBt-Approval Nº. Z-14.1-4		10,0	• 4,8 x 8,0	1,0 - 3,5	612 2205	2.400 (245)	3.500 (356)
			4,8 x 9,5	3,5 - 5,0	612 2213		
			4,8 x 11,0	5,0 - 6,5	612 2221		
			4,8 x 12,5	6,5 - 8,0	612 2248		
			4,8 x 14,0	8,0 - 9,5	612 2256		
			4,8 x 16,0	9,5 - 11,0	612 2264		
			4,8 x 18,0	11,0 - 13,0	612 2272		
			4,8 x 21,0	13,0 - 16,0	612 2280		

Ordering example: **CAP-Alu/Stainless Steel 3,2 x 8,0**
 or **Part Nº. 612 2019**

CAP-**Blind Rivets**

airtight-watertight

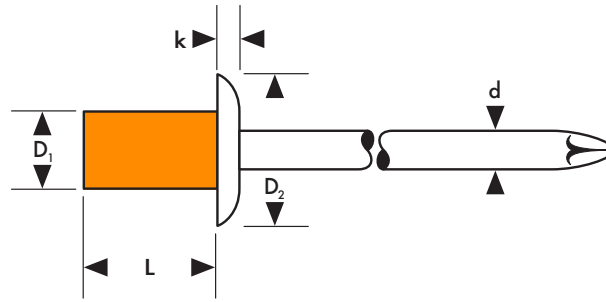
**Copper/Steel
Standard**
Rivet Body: Cu-alloy
Mandrel: Steel, oiled
 $D_1 = \text{Body } \varnothing$
 $D_2 = \text{Head } \varnothing$
 $k = \text{Head Height}$
 $d = \text{Mandrel } \varnothing$
 $L = \text{Body Length}$
All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,3 $D_1 = 3,2 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,0 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 0,9 \pm 0,2$ $d = 1,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		6,0	3,2 x 6,0	0,5 - 1,5	614 1012	1.000 (102)	1.400 (143)
			3,2 x 7,5	1,5 - 3,0	614 1039		
			3,2 x 9,0	3,0 - 4,5	614 1055		
			3,2 x 12,0	4,5 - 8,0	614 1071		
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 8,0 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$ $k = 1,3 \pm 0,3$ $d = 2,2$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		8,0	4,0 x 9,5	1,0 - 4,5	614 1101	1.500 (153)	2.200 (224)
			4,0 x 15,0	4,5 - 8,0	614 1102		
Ø 4,8 Hole Ø 4,9 $D_1 = 4,8 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$ $D_2 = 9,5 \begin{smallmatrix} +0 \\ -1,0 \end{smallmatrix}$ $k = 1,8 \pm 0,3$ $d = 2,7$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		9,5	4,8 x 8,5	0,5 - 3,5	614 1217	2.100 (214)	3.100 (316)
			4,8 x 11,5	3,5 - 6,5	614 1233		
			4,8 x 13,0	6,5 - 8,0	614 1241		
			4,8 x 15,0	8,0 - 9,5	614 1268		

 Ordering example: **CAP-Copper/Steel 3,2 x 7,5**
 or **Part Nº. 614 1039**

CAP-

Blind Rivets

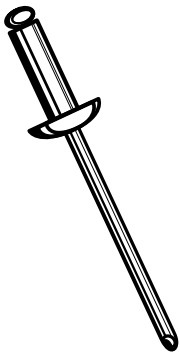
airtight-watertight**Copper/Stainl. Steel
Standard****Rivet Body: Copper-alloy
Mandrel: Stainless Steel**

D_1 = Body \varnothing
 D_2 = Head \varnothing
 k = Head Height
 d = Mandrel \varnothing
 L = Body Length

All dimensions in millimeter

Rivet Body Length		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-N ^o	Shear N(kp)	Tensile N(kp)
L and D_1 actual size							
Ø 3,2 Hole Ø 3,3	$D_1 = 3,2 \begin{smallmatrix} +0,08 \\ -0,15 \end{smallmatrix}$	6,0	3,2 x 6,0	0,5 - 1,5	617 3007	1.000 (102)	1.400 (143)
	$D_2 = 6,0 \pm 0,5$		3,2 x 7,5	1,5 - 3,0	617 3015		
	$k = 1,2 \pm 0,3$		3,2 x 9,0	3,0 - 4,5	617 3023		
	$d = 1,7$						
	$L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$						

Ordering example: **CAP-Copper/Stainless Steel 3,2 x 6,0**
or **Part N^o 617 3007**



Do you know ...
what closed-end rivets really are ?

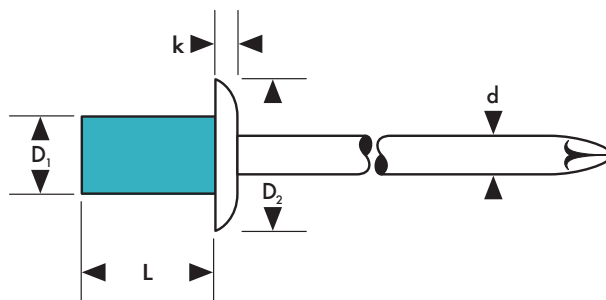
... the GESIPA closed-end blind rivets (and blind rivet nuts) are called "CAP" in the catalogue. They should be used when riveting should be airtight or watertight.

The CAP blind rivet itself is always tight. A quick glance at the rivet is sufficient to understand the reason. However, will the riveting solution be always as tight as the rivet itself ?

Closed end rivets are made of a fairly hard aluminium alloy. The hardness of the shaft material however produces only a low hole filling capability. Consequently, hole drilling accuracy becomes a very serious matter indeed. Otherwise, the riveting will not be tight enough to prevent water flowing, not through, but around the set rivet.

CAP-**Blind Rivets**

airtight-watertight

**A2-Stainless Steel
Standard (304-AISI)**

Rivet Body: Stainless Steel
(A2 - W.-Nº. 1.4301)
Mandrel: Stainless Steel
(A1 - W.-Nº. 1.4021)

D_1 = Body \varnothing
 D_2 = Head \varnothing
 k = Head Height
 d = Mandrel \varnothing
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Rivet Body $D_1 \times L$	Grip Range	Part-Nº.	Shear N(kp)	Tensile N(kp)
Ø 3,2 Hole Ø 3,3 $D_1 = 3,2 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 6,5 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 1,9$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		3,2 x 6	0,8 - 2,0	613 0001	1.900 (194)	2.400 (245)
		3,2 x 8	2,0 - 4,0	613 0002		
		3,2 x 10	4,0 - 6,0	613 0003		
		3,2 x 12	6,0 - 8,0	613 0004		
Ø 4,0 Hole Ø 4,1 $D_1 = 4,0 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 8,5 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 2,3$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		4,0 x 6	0,8 - 1,5	613 0011	2.900 (296)	3.700 (377)
		4,0 x 8	1,5 - 3,5	613 0012		
		4,0 x 10	3,5 - 5,5	613 0013		
		4,0 x 12	5,5 - 7,5	613 0014		
		4,0 x 16	7,5 - 11,5	613 0015		
Ø 4,8 Hole Ø 4,9 $D_1 = 4,8 \begin{smallmatrix} +0,08 \\ -0,1 \end{smallmatrix}$ $D_2 = 10,0 \begin{smallmatrix} +0 \\ -0,7 \end{smallmatrix}$ $k = 1,0 \pm 0,2$ $d = 2,9$ $L \begin{smallmatrix} +1,0 \\ -0,2 \end{smallmatrix}$		4,8 x 8	0,8 - 3,0	613 0031	4.300 (439)	5.400 (551)
		4,8 x 10	3,0 - 5,0	613 0032		
		4,8 x 12	5,0 - 7,0	613 0033		
		4,8 x 16	7,0 - 11,0	613 0034		
		4,8 x 20	11,0 - 15,0	613 0035		

according to DIN 7337

Ordering example: **CAP A2-Stainless Steel 4,0 x 6**
or **Part Nº. 613 0011**

**MEGA GRIP® Alu / Alu  Dome Head
Countersunk**

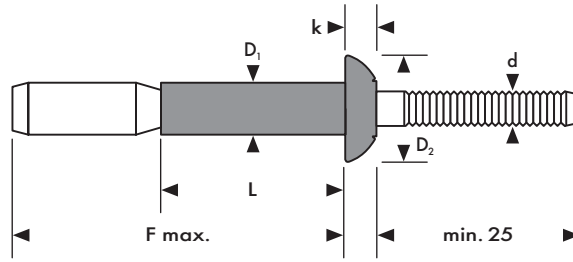
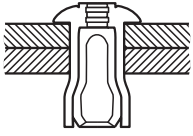
**MEGA GRIP® Steel / Steel  Dome Head
Countersunk**

G-Lock Steel / Steel  Dome Head



MEGA GRIP® Structure Blind Rivets

Alu/Alu Dome Head



Rivet Body: AlMg 5
Mandrel: Al-alloy

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
F = Installation Depth
L = Body Length

All dimensions in millimeter

	D ₂ Head	Rivet Body D ₁ × L	F max.	Grip Range	Type	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 4,8 Hole Ø 4,9 - 5,2 D ₁ = 4,8 -0,15 D ₂ = 9,2 ±0,15 k = 2,2 +0,3 -0,15 d = 2,95	9,2	4,8 × 10,5	22,6	1,6 - 6,4	RV6900-6-4	663 0014	3.330 (340)	2.400 (245)
		4,8 × 14,5	26,7	5,5 - 11,1	RV6900-6-7	663 0022		
Ø 6,4 Hole Ø 6,6 - 6,9 D ₁ = 6,4 +0,2 D ₂ = 12,4 ±0,15 k = 2,6 +0,3 -0,15 d = 3,9	12,4	6,4 × 14,1	27,0	2,0 - 9,5	RV6900-8-6	663 0111	5.910 (600)	4.450 (450)
		6,4 × 20,5	37,8	2,0 - 15,9	RV6900-8-10XG	663 0146		

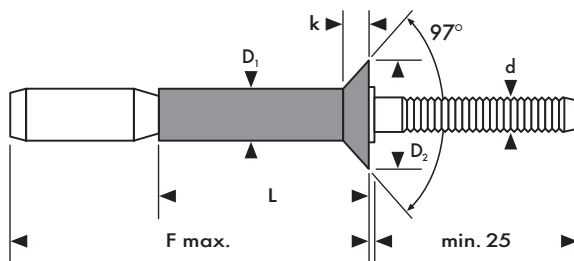
Ordering example: **MG Alu/Alu 4,8 x 14,5 Dome Head**
or **Part Nº. 663 0022**

MEGA GRIP® Fields of application

- Vehicle body building
- Trailer building
- Shelving systems
- Containers
- Electrical transformers
- Refrigeration systems

MEGA GRIP® Structure Blind Rivets

Alu/Alu Countersunk



Rivet Body: AlMg 5
Mandrel: Al-alloy

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
F = Installation Depth
L = Body Length

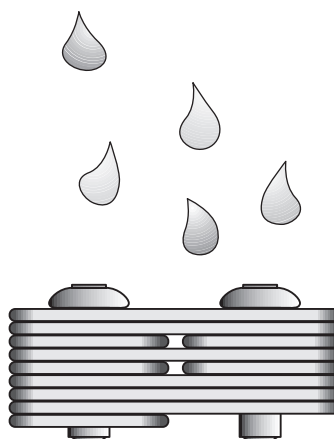
All dimensions in millimeter

	D ₂ Head	Rivet Body D ₁ x L	F max.	Grip Range	Type	Part-N°	Shear N(kp)	Tensile N(kp)
Ø 4,8 Hole Ø 4,9 - 5,2 D ₁ = 4,8 -0,15 D ₂ = 8,9 ±0,15 k = 2,2 +0,3 -0,15 d = 2,95	8,9	4,8 x 10,5	23,2	1,6 - 6,4	RV6100-6-5	663 2009	3.330 (340)	2.400 (245)
		4,8 x 14,5	26,2	5,5 - 11,1	RV6100-6-8	663 2017		
Ø 6,4 Hole Ø 6,6 - 6,9 D ₁ = 6,4 +0,2 D ₂ = 11,0 ±0,15 k = 2,6 +0,3 -0,15 d = 3,9	11,0	6,4 x 14,1	30,5	2,0 - 9,5	RV6100-8-7	663 2106	5.910 (600)	4.450 (450)

Ordering example: **MG Alu/Alu 4,8 x 14,5 Countersunk**
or **Part N° 663 2017**

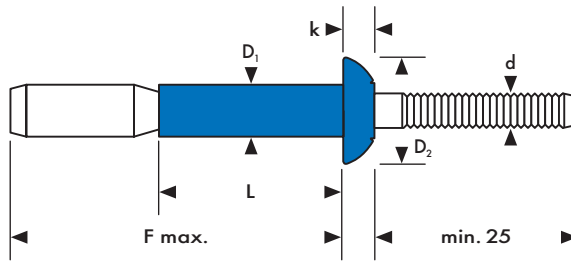
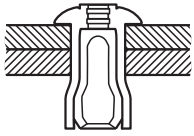
MEGA GRIP® Main characteristics

- *Splashwaterproof*



MEGA GRIP® Structure Blind Rivets

Steel/Steel Dome Head



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated yellow

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
F = Installation Depth
L = Body Length

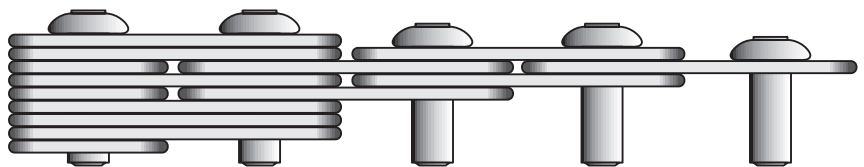
All dimensions in millimeter

	D ₂ Head	Rivet Body D ₁ x L	F max.	Grip Range	Type	Part-Nº	Shear N(kp)	Tensile N(kp)
Ø 4,8 Hole Ø 4,9 - 5,2 D ₁ = 4,8 -0,15 D ₂ = 9,2 ±0,15 k = 2,2 +0,3 -0,15 d = 2,95	9,2	4,8 x 10,5	22,6	1,6 - 6,4	RV6977-6-4	664 0028	7.120 (725)	4.890 (495)
		4,8 x 14,5	26,7	5,5 - 11,1	RV6977-6-7	664 0036		
Ø 6,4 Hole Ø 6,6 - 6,9 D ₁ = 6,4 +0,2 D ₂ = 12,4 ±0,15 k = 2,6 +0,3 -0,15 d = 3,9	12,4	6,4 x 14,1	27,0	2,0 - 9,5	RV6977-8-6	664 0117	13.350 (1.360)	9.120 (930)
		6,4 x 20,5	37,8	2,0 - 15,9	RV6977-8-10XG	664 0133		

Ordering example: **MG Steel/Steel 4,8 x 14,5 Dome Head**
or **Part Nº. 664 0036**

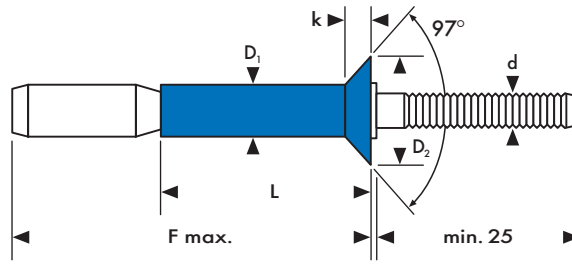
MEGA GRIP® Main characteristics

- Wide Grip Range



MEGA GRIP® Structure Blind Rivets

Steel/Steel Countersunk



Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated yellow

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
F = Installation Depth
L = Body Length

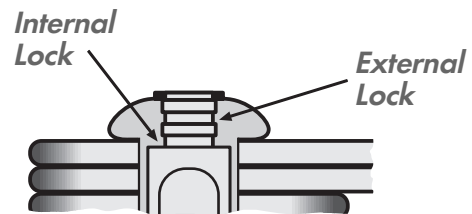
All dimensions in millimeter

	D ₂ Head	Rivet Body D ₁ x L	F max.	Grip Range	Type	Part-N°	Shear N(kp)	Tensile N(kp)
Ø 4,8 Hole Ø 4,9 - 5,2 D ₁ = 4,8 - 0,15 D ₂ = 9,2 ± 0,15 k = 2,2 + 0,3 / - 0,15 d = 2,95	9,2	4,8 x 10,5	23,2	1,6 - 6,4	RV6177-6-5	664 2004	7.120 (725)	4.890 (495)
		4,8 x 14,5	26,2	5,5 - 11,1	RV6177-6-8	664 2012		
Ø 6,4 Hole Ø 6,6 - 6,9 D ₁ = 6,4 + 0,2 D ₂ = 12,4 ± 0,15 k = 2,6 + 0,3 / - 0,15 d = 3,9	12,4	6,4 x 14,1	30,5	2,0 - 9,5	RV6177-8-7	664 2101	13.350 (1.360)	9.120 (930)

Ordering example: **MG Steel/Steel 4,8 x 14,5 Countersunk**
or **Part N° 664 2012**

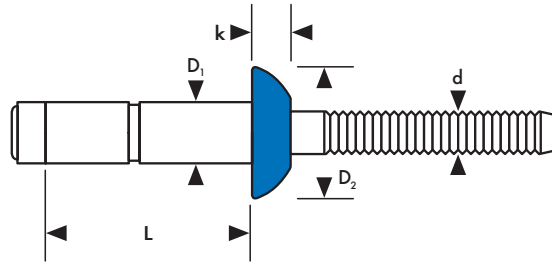
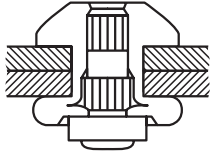
MEGA GRIP® Main characteristics

- Double Rest Mandrel lockind device



G-Lock Structure Blind Rivets

Steel/Steel Dome Head



Rivet Body: Steel, zinc plated,
yellow chromate
Mandrel: Steel, zinc plated,
yellow chromate

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

Rivet Body Length L and D_1 actual size		Head D_2	Rivet Body $D_1 \times L$	Grip Range	Part-Nº	Shear N(kp)	Tensile N(kp)	
Ø 4,8 $D_1 = 4,8 \pm 0,1$ $D_2 = 10,0 \pm 0,5$ $k = 2,2 \pm 0,2$ $d = 3,08$ $L \pm 0,3$ Hole Ø 5,0 - 5,1		10,0	4,8 x 9,0	1,5 - 3,5	667 0008	4.218 (430)	3.140 (320)	
			4,8 x 11,5	3,5 - 6,0	667 0016			5.592 (570)
			4,8 x 14,0	6,0 - 8,5	667 0024			5.984 (610)
Ø 6,4 $D_1 = 6,4 \pm 0,12$ $D_2 = 13,0 \pm 0,3$ $k = 3,0 \pm 0,2$ $d = 4,17 \pm 0,1$ $L \pm 0,5$ Hole Ø 6,6 - 6,8		13,0	6,4 x 10,5	2,8 - 4,8	667 0105	7.850 (800)	5.200 (530)	
			6,4 x 12,5	4,8 - 6,8	667 0113			
			6,4 x 14,5	6,8 - 8,8	667 0121			
			6,4 x 16,5	8,8 - 10,8	667 0148			
			6,4 x 18,5	10,8 - 12,8	667 0156			
			6,4 x 20,5	12,8 - 14,8	667 0164			

Ordering example: **G-Lock Steel/Steel 4,8 x 11,5**
or **Part Nº. 667 0016**

Folding Type Blind Rivets

BULB-TITE[®] Alu/Alu  Dome Head

BULB-TITE[®] Steel/Steel  Dome Head
(recessed crown)

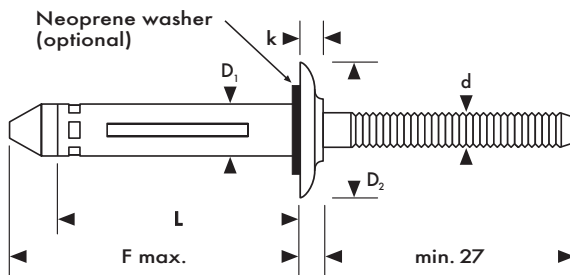
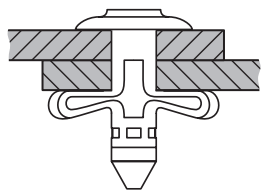
BULB-TITE[®] Monel/Stainless Steel  Dome Head
(recessed crown)

TRI-FOLD[®] Alu/Alu  Dome Head



BULB-TITE® Folding Type Blind Rivets

Alu/Alu Dome Head



Rivet Body: AlMg 5
Mandrel: AlCuMg 1

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

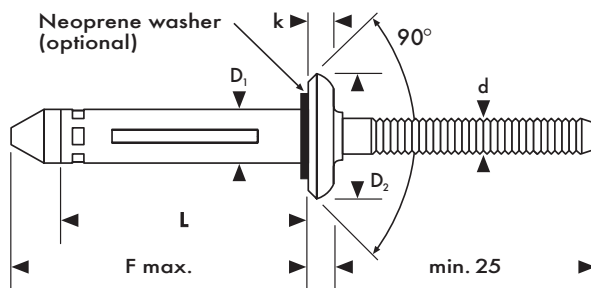
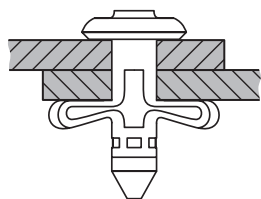
All dimensions in millimeter

	D ₂ Head	Rivet Body D ₁ × L	F max.	Grip Range	Type	Part-N°	Part-N° with Neoprene Washer	Shear N(kp)	Tensile N(kp)
Ø 4,0 D ₁ = 4,0 ^{+0,09} _{-0,1} D ₂ = 9,0 ⁺⁰ _{-0,8} Hole Ø 4,1 - 4,2 k = 1,7 ± 0,2 d = 2,4 L ^{+0,5} _{-0,8}	9,0	4,0 × 20,3	23,5	1,5 - 6,4	RV6604-5-4	660 0018	660 0514	2.000 (210)	1.050 (110)
		4,0 × 25,1	28,2	6,4 - 12,7	RV6604-5-8	660 0026			
Ø 5,2 D ₁ = 5,2 ^{+0,09} _{-0,1} D ₂ = 11,7 ⁺⁰ _{-0,8} Hole Ø 5,3 - 5,5 k = 2,2 ± 0,2 d = 2,9 L ^{+0,5} _{-0,8} •DIBt-Approval N° Z-14.1-4	11,7	5,2 × 17,5	22,1	0,5 - 4,8	RV6604-6-3	660 0115	660 0603	2.700 (284)	1.950 (205)
		5,2 × 19,1	23,7	1,5 - 6,4	RV6604-6-4	660 0123	660 0611		
		5,2 × 22,2	26,9	4,8 - 9,5	RV6604-6-6	660 0131	660 0638		
		5,2 × 25,4	30,1	7,9 - 12,7	RV6604-6-8	660 0158	660 0646		
		5,2 × 28,6	33,3	11,1 - 15,9	RV6604-6-10	660 0166	660 0654		
		5,2 × 31,8	36,4	14,3 - 19,1	RV6604-6-12		660 0662		

Ordering example: **BT RV 6604-6-4**
or **Part N° 660 0123**

BULB-TITE® Folding Type Blind Rivets

Alu/Alu Dome Head



Rivet Body: AlMg 5
Mandrel: AlCuMg1

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

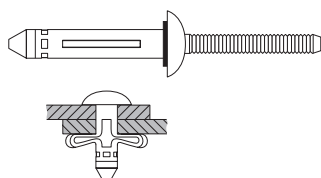
All dimensions in millimeter

	D_2 Head	Rivet Body $D_1 \times L$	F max.	Grip Range	Type	Part-N°	Part-N° with Neoprene Washer	Shear N(kp)	Tensile N(kp)
Ø 7,7 $D_1 = 7,7 \begin{smallmatrix} +0,09 \\ -0,1 \end{smallmatrix}$ $D_2 = 15,8 \begin{smallmatrix} +0 \\ -0,8 \end{smallmatrix}$ Hole Ø 7,9 - 8,3 $k = 3,6 \pm 0,2$ $d = 4,5$ $L \begin{smallmatrix} +0,5 \\ -0,8 \end{smallmatrix}$	15,8	7,7 x 27,7	33,7	1,0 - 9,5	RV6603-9-6	660 0301	660 0808	6.650 (680)	4.850 (500)

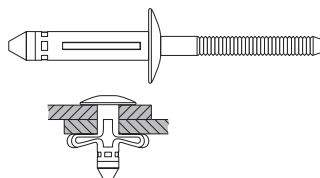
Ordering example: **BT RV 6603-9-6**
or **Part N° 660 0301**

Following head configurations available on request:

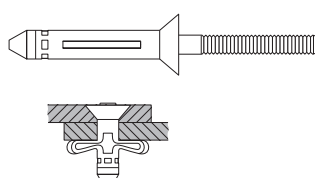
Alu/Alu
Dome Head



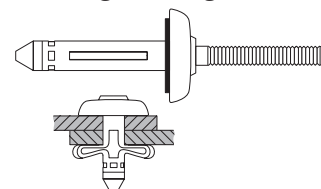
Alu/Alu
Flat Head



Alu/Alu
Countersunk (82°)



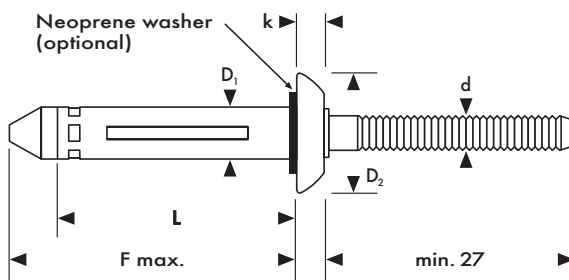
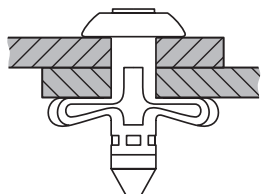
Alu/Alu
Large Flange



BULB-TITE® Folding Type Blind Rivets



Steel/Steel Dome Head



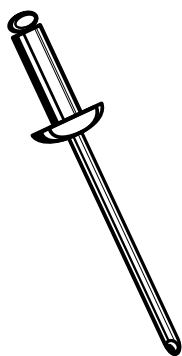
Rivet Body: Steel, zinc plated
Mandrel: Steel, zinc plated

D_1 = Body Ø
 D_2 = Head Ø
 k = Head Height
 d = Mandrel Ø
 L = Body Length

All dimensions in millimeter

	D ₂ Head	Rivet Body D ₁ × L	F max.	Grip Range	Type	Part-N°	Part-N° with Neoprene Washer	Shear N(kp)	Tensile N(kp)
Ø 6,3 $D_1 = 6,3 \begin{smallmatrix} +0,05 \\ -0,1 \end{smallmatrix}$ $D_2 = 14,0 \begin{smallmatrix} +0 \\ -0,8 \end{smallmatrix}$ Hole Ø 6,4 - 6,6 $k = 2,8 \pm 0,2$ $d = 3,9$ $L \begin{smallmatrix} +0,5 \\ -0,8 \end{smallmatrix}$	14,0	6,3 × 20,2	25,5	1,0 - 6,4	RV 6676-8-4	661 0013	661 0501	8.200 (835)	4.550 (465)
		6,3 × 23,4	28,7	3,2 - 9,5	RV 6676-8-6	661 0021			
		6,3 × 26,5	31,9	6,4 - 12,7	RV 6676-8-8	661 0048			

Ordering example: **BT RV 6676-8-4**
or **Part N° 661 0013**



Do you know ...

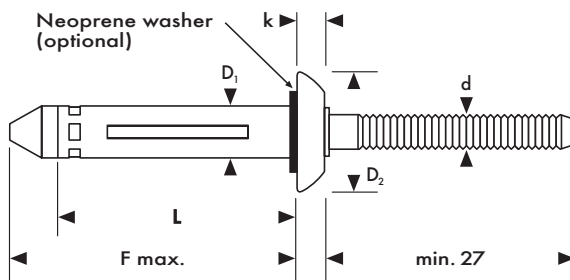
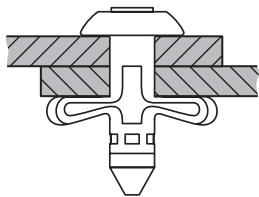
What are **BULB-TITE®** blind rivets good for ?

... **BULB-TITE®** blind rivets are folding type rivets made of aluminium, steel or monel/stainless steel. These special blind rivets have been specially designed for applications in the building sector, where facade or roof elements must be fastened together or to steelbeam structures. The way the mandrel is secured in the rivet shaft provides moisture protection. Additionally, **BULB-TITE®** rivets can be fitted with a special Neoprene sealing ring which still improves this characteristic.

Some **BULB-TITE®** rivets have been awarded DIBt-Approval (German Technology Institute for Building Standards) and are therefore privileged fasteners among the building industry.

BULB-TITE® Folding Type Blind Rivets

Monel/Stainl. Steel Dome Head (recessed crown)



Rivet Body: Monel
Mandrel: Stainless Steel

D_1 = Body \varnothing
 D_2 = Head \varnothing
 k = Head Height
 d = Mandrel \varnothing
 L = Body Length

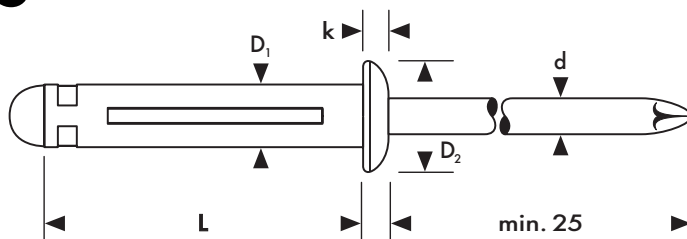
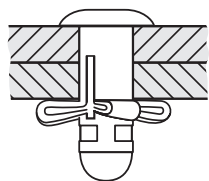
All dimensions in millimeter

	D_2 Head	Rivet Body $D_1 \times L$	F max.	Grip Range	Type	Part-N°	Part-N° with Neoprene Washer	Shear N(kp)	Tensile N(kp)
Ø 6,3 Hole Ø 6,4 - 6,6	14,0	6,3 x 20,2	25,5	1,0 - 6,4	RV6696-8-4	662 0019		9.300 (950)	6.470 (660)
$D_1 = 6,3 \begin{smallmatrix} +0,05 \\ -0,1 \end{smallmatrix}$									
$D_2 = 14,0 \begin{smallmatrix} +0 \\ -0,8 \end{smallmatrix}$									
$k = 2,8 \pm 0,2$									
$d = 3,9$									
$L \begin{smallmatrix} +0,5 \\ -0,8 \end{smallmatrix}$									

Ordering example: **BT RV 6696-8-4**
or **Part N° 662 0019**

TRI-FOLD® Folding Type Blind Rivets

Alu/Alu Dome Head



Rivet Body: AlMg 5
Mandrel: AlMg 5

D₁ = Body Ø
D₂ = Head Ø
k = Head Height
d = Mandrel Ø
L = Body Length

All dimensions in millimeter

	Head D ₂	Rivet Body D ₁ × L	Grip Range	Type	Part-N°	Shear N(kp)	Tensile N(kp)
Ø 4,1 Hole Ø 4,2 D ₁ = 4,1 ± 0,1 D ₂ = 8,0 ^{+0,2} _{-0,35} k = 1,4 ± 0,15 d = 2,4 L ± 0,5	8,0	4,1 × 14,5	1,0 - 3,0	GAMD52ATF	666 0002	890 (90)	1.000 (102)
		4,1 × 19,5	1,0 - 6,3	GAMD54ATF	666 0010		
		4,1 × 21,1	1,0 - 9,5	GAMD56ATF	666 0029		
		4,1 × 24,3	3,2 - 12,7	GAMD58ATF	666 0037		
Ø 5,2 Hole Ø 5,3 D ₁ = 5,2 ^{+0,2} _{-0,25} D ₂ = 10,0 ⁺⁰ _{-0,5} k = 1,9 ± 0,15 d = 2,9 L ± 0,5	10,0	5,2 × 19,0	1,6 - 6,3	GAMD64ATF	666 0045	1.550 (158)	2.000 (204)
		5,2 × 22,2	4,7 - 9,5	GAMD66ATF	666 0053		
		5,2 × 25,4	7,9 - 12,7	GAMD68ATF	666 0061		
		5,2 × 28,5	11,1 - 15,9	GAMD610ATF	666 0088		
		5,2 × 31,7	14,2 - 19,0	GAMD612ATF	666 0096		

Ordering example: **TRI-FOLD® GAMD66ATF**
or **Part N° 666 0053**

Blind Riveting Tools

Hand Riveting Tools

Power Riveting Tools

Battery Powered Riveting Tools

Special Accessories

Nosepieces

Special Nosepieces

Automatic Blind Riveting Units

Hand Riveting Tools



NTS



NTX



Flipper



Flipper
(with spent mandrel container)

Hand Riveting Tools

NTS (with opening spring)

Part-Nº. 703 0010

Work Capacity:

Up to 5mmØ Alu and 4mmØ Stainless Steel

Design Features:

Tool Housing:
high-grade aluminium die casting
Tool handle: forged steel

Slim design of tool for access to difficult riveting places

Opening spring for free mandrel ejection

Comfortable grips

Technical Data:

Weight: 480 g
Total length: 275 mm
Total stroke: 8 mm

Equipment/Accessories:

Nosepieces:
• 10/24 (in working position)
• 10/18, 10/27, 10/32
(screwed into tool housing)

1 maintenance wrench

Maintenance instructions with spare parts list

Nosepiece allocation:

NTS, NTX, NT X-F and Flipper

Rivet-Ø	Rivet Material	Nose-piece
2,4	Alu	10/18
3,2	Cap-Alu and Copper	10/18
3 & 3,2	Alu, Copper, Steel, Stainless Steel, Stinox, Alu/Alu, PG-Alu and Steel	10/24
4	Alu, Copper	10/24
4	Steel, Cap-Alu and Copper, Alu/Alu, PG-Alu	10/27
4	Stainless Steel, Stinox, PG-Steel	10/29
4,8	Cap-Alu and Copper	10/29
5 & 4,8	Alu, PG-Alu	10/32

Elongated nosepieces (9 mm) and special nosepieces are available upon request.

Junior Riveting Kit

Part-Nº. 754 1023

Contents:

Hand riveting tool **NTX** and **5 different sizes of blind rivets** 3mm and 4mm Ø, in Alu and Steel

1 wrench SW10

Weight: approx. 2,5 kg
Dimensions: 275 x 145 x 40 mm

NTX

Part-Nº. 705 0011

Work Capacity:

Up to 5mmØ Alu and 4mmØ Stainless Steel

Design Features:

Tool housing:
high-grade aluminium die casting
Tool handle: chrome-vanadium forged steel

Steel inserts at all high stressed points

Intermediate lever system reduces power requirement and effects shock-absorption.

Slim tool design for access to difficult places

Comfortable grips

Simple maintenance – fast change of jaws

Technical Data:

Weight: 575 g
Total length: 260 mm
Total stroke: 8 mm

Equipment/Accessories:

Nosepieces:

- 10/24 (in working position)
- 10/18, 10/32 (screwed into tool housing)

1 maintenance wrench

Maintenance instructions with spare parts list

NT X-F (with opening spring)

Part-Nº. 705 0054

Special design of the NTX with opening spring for free mandrel ejection

Flipper

Part-Nº. 701 0001

Work Capacity:

Up to 5mmØ Alu and 4mmØ Stainless Steel

Design Features:

While closing, the hand gradually increases its force. This natural property is amplified by a smart lever design for setting blind rivets, thus providing an outstanding ergonomic design.

A reduction of 40% of the hand force is obtained by using more strokes.

Action lever equipped with an opening spring for optimal single-handed operation

Spring loaded jaw mechanism for positive and automatic spent mandrel release

Spent mandrel container can be slipped onto the tool body and is easy to empty.

Long tool stroke: an advantage when setting blind rivets which are too long.

Compact design, die-cast aluminium tool body and high grade steel lever contribute to the outstanding durability.

The pivot pin is secured against self-rotation to ensure no wear.

Technical Data:

Weight: 750 g
Total length: 212 mm
Total stroke: 16,2 mm
Single action stroke: 1,8 mm

Equipment/Accessories:

Nosepieces:

- 10/24 (in working position)
- 10/18, 10/29 (in magazine)

Spent mandrel container with maintenance wrench.

Operating instructions

Conversion kit for plastic blind rivets
Part-Nº. 701 3000

Riveting Kit

Part-Nº. 754 0027

Contents:

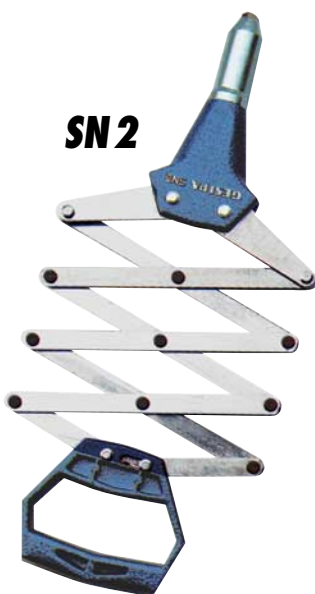
Hand riveting tool **NTX** and **12 different sizes of blind rivets** 3mm and 4mm Ø, in various materials,

1 wrench SW10

Weight: approx. 3,75 kg
Dimensions: 340 x 205 x 40 mm



Lazy Tong and Lever Riveting Tools



Lazy Tong and Lever Riveting Tools

SN 2

Part N° 712 0028

Work Capacity:

Blind rivets from 3,0 mm Ø up to 6,4 mm Ø all materials

Design Features:

Tool housing and handle: high-grade aluminium die casting

Lattice system: high-strength steel, zinc plated

Comfortable handle, double bearing

Slim housing for hard-to-reach riveting places

Closed tool housing – no contamination

Advantageous lever arrangement with quadruple sliding member – reduces power input

Technical Data:

Weight: 2,1 kg
 Length closed: 294 mm
 Length opened: 832 mm
 Total stroke: 11 mm

Equipment/Accessories:

Nosepieces:

- 16/32 (in working position)
- 16/29, 16/36, 16/45 (enclosed)

1 wrench

Maintenance instructions with spare parts list

Nosepiece allocation:

SN 2 and HN 2

Rivet-Ø	Rivet Material	Nose-piece
3 & 3,2	Alu, Copper, Steel, Stainless Steel, Stinox, Alu/Alu, PG-Alu and -Steel	16/24
4	Alu, Copper	16/24
4	Steel, Cap-Alu, Copper, Alu/Alu, PG-Alu	16/27
4	Stainless Steel, Stinox, PG-Steel	16/29
5 & 4,8	Alu, Cap-Alu and Copper, PG-Alu	16/29
5 & 4,8	Steel, Alu/Alu	16/32
5 & 4,8	Stainless Steel, Stinox, PG-Steel	16/36
6	Alu	16/36
6	Steel	16/40
6,4	Alu, Steel, Alu/Alu, PG-Alu	16/45

HN 2

Part N° 713 0015

Work Capacity:

Blind rivets from 3,0 mm Ø up to 6,4 mm Ø all materials

Design Features:

Tool housing: high-grade aluminium die casting; due to closed design very rigid and protective

Pivot bolts: carried in a torsion resistant manner and with inner locking to be wear-resistant with ease of movement, gear transmission with advantageous lever arrangement – reduces power input and absorbs break of mandrel

Firm housing lever and comfortable grip design: for easy operation

Operating lever: can be fully opened at the workpiece several times to allow setting of long blind rivets without problems

Gear rack guided in brass bushes

Spent mandrel container: swivelling at tool housing mounted – easy and protected discharging

Technical Data:

Weight: 1,85 kg
 Total length: 570 mm
 Total stroke: 10 mm

Equipment/Accessories:

Nosepieces:

- 16/32 (in working position)
- 16/29, 16/36, 16/40 and 16/45 (in grips)

Spent mandrel container (in working position)
 Maintenance instructions with spare parts list.

HN 2-BT BULB-TITE® Part N° 713 0023

Equipment/Accessories:

Nosepieces:

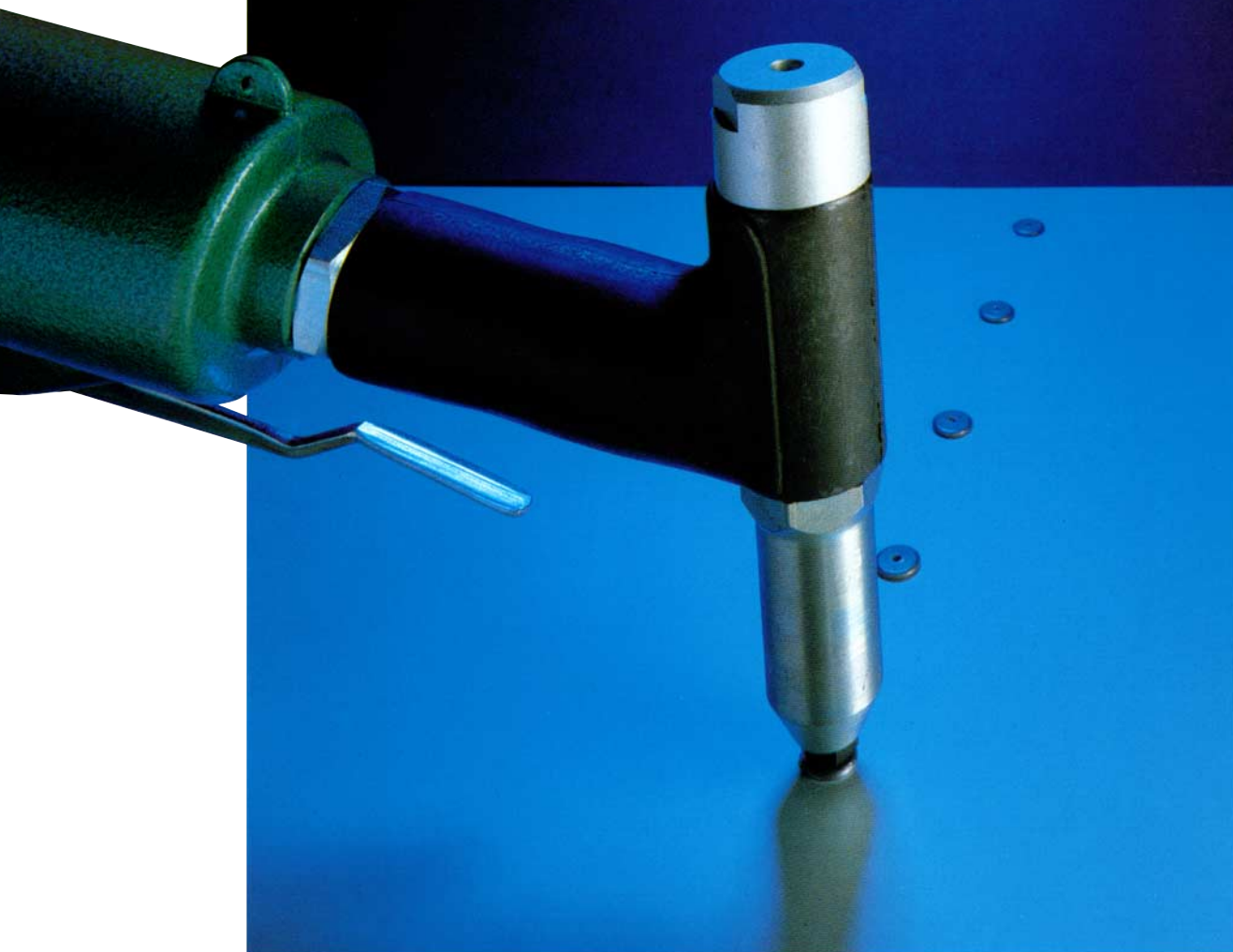
- 16/32 BT (in working position)
- 16/26 BT, 16/42 BT (in grips)

1 set of jaws No. 106/9 (built-in)
 Spent mandrel container (in position)
 Maintenance instructions with spare parts list

Nosepiece allocation:

Rivet-Ø	Rivet Material	Nose-piece
4	all materials BULB-TITE®	16/26BT
5,2	all materials BULB-TITE®	16/32BT
6,3	all materials BULB-TITE®	16/42BT

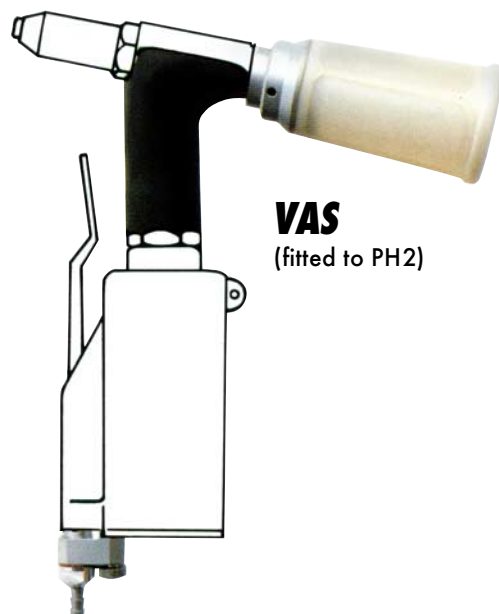
Pneumatic-hydraulic Riveting Power Tools



PH1



PH2



VAS
(fitted to PH2)

Pneumatic-hydraulic Riveting Power Tools

PH 1

Part N° 716 0011

Work Capacity:

Up to 4 mm Ø all materials

Design Features:

Hydraulic head: aluminium with wear-resistant surface of cylinder
 Pneumatic cylinder: aluminium die casting
 Plunger: hardened steel, hard-chrome-plated – ease of movement and wear-resistance
 Compact seals: wear-resistant with high scrape-off efficiency – long tool life

Quick release valve: fast reverse stroke – high working cycle

Quiet operation

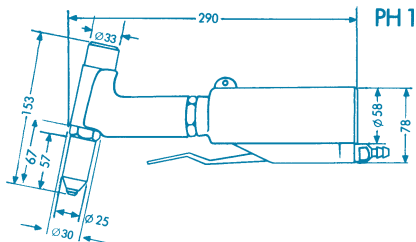
Simple valve construction – no down time

Hydraulic tool head adjustable by 360 degrees

Favourable position of the centre of gravity and ergonomic lay-out of grip – no operator fatigue

Technical Data:

Weight: 1,2 kg
 Operating air pressure: 6 bar
 Air hose connection Ø: 6 mm (1/4")
 Air consumption: 0,8-1,2 ltrs. per rivet
 (0,2 ltr. compressed air)
 Traction power: 5.200 N at 5 bar
 Total stroke: 15 mm



Equipment/Accessories:

Nosepieces:
 • 16/24 (in working position)
 • 16/18, 16/27, 16/29 (enclosed)

1 pair of jaws
 1 container for spent mandrels
 1 wrench MSU
 1 wrench MSZ

Maintenance instructions with spare parts list

Nosepiece allocation:

Rivet-Ø	Rivet Material	Nose-piece
2,4	Alu	16/18
3,2	Cap-Alu and -Copper	16/18
3 & 3,2	Alu, Copper, Steel, Stainless Steel Stinox, Alu/Alu, PG-Alu and -Steel	16/24
4	Alu, Copper	16/24
4	Steel, Cap-Alu and -Copper, Alu/Alu, PG-Alu	16/27
4	Stainless Steel, Stinox, PG-Steel	16/29

PH 2

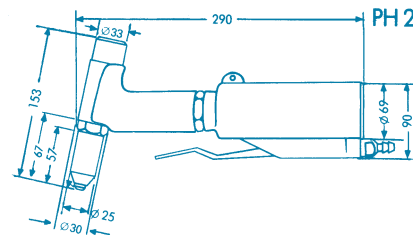
Part N° 717 0017

Work Capacity:

From 3 mm Ø up to 5 mm Ø all materials
 and 2,4 mm Ø with small jaw mechanism

Technical Data:

Weight: 1,3 kg
 Operating air pressure: 6 bar
 Air hose connection Ø: 6 mm (1/4")
 Air consumption: 1,2-1,8 ltrs. per rivet
 (0,3 ltr. compressed air)
 Traction power: 7.375 N at 5 bar
 Total stroke: 15 mm



Equipment/Accessories:

Nosepieces:
 • 16/32 (in working position)
 • 16/24, 16/27, 16/29, 16/36 (enclosed)

1 set of three-part jaws
 1 container for spent mandrels
 1 wrench MSU
 1 wrench MSZ

Maintenance instructions with spare parts list

Nosepiece allocation:

Rivet-Ø	Rivet Material	Nose-piece
2,4	Alu	10/18*
3,2	Cap-Alu and -Cu	10/18*
3 & 3,2	Alu, Copper, Steel, Stainless Steel Stinox, Alu/Alu, PG-Alu and -Steel	10/24*
4	Alu, Copper	16/24
4	Steel, Cap-Alu and -Copper, Alu/Alu, PG-Alu	16/27
4	Stainless Steel, Stinox, PG-Steel	16/29
5 & 4,8	Alu, Cap-Alu and -Copper, PG-Alu	16/29
5 & 4,8	Steel, Alu/Alu	16/32
5 & 4,8	Stainless Steel, Stinox, PG-Steel	16/36

* small jaw mechanism (Part-N° 198) to be used (717 1986)

VAS

Part N° 728 0017

Mandrel Collection System:

VAS for PH 1, PH 2 and PH 2-KA

This device absorbs the spent mandrel after the riveting operation and transports it automatically into the mandrel container. A further advantage is offered when the rivet, inserted into the nosepiece, is held in the jaw mechanism even if the tool head is in the vertical position. The vacuum absorption device is available as a complete built-in unit and can also be fitted to existing GESIPA Riveting Power Tools at any time.

Technical Data:

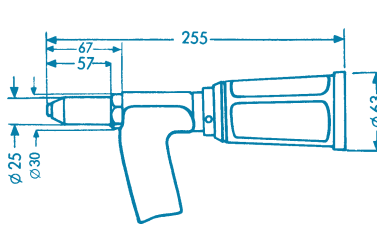
Weight of the unit: 430 g
 Operating air pressure: 4-6 bar

Equipment/Accessories:

1 air deflector (Part-N° 896)

1 wrench MSU

Maintenance instructions with spare parts list



Elongated nosepieces (9 mm) and special nosepieces are available upon request.

Pneumatic-hydraulic Riveting Power Tool



L:

Version of the PH 1 with reduced weight, mandrel aspiration system and protective plastic coating.

PH 1-L

Pneumatic-hydraulic Riveting Power Tool



KA:
push button trigger

PH 2-KA



VAS
(fitted to PH 2-KA)

Pneumatic-hydraulic Riveting Power Tool

PH 2-KA

Part N° 717 0092

Work Capacity:

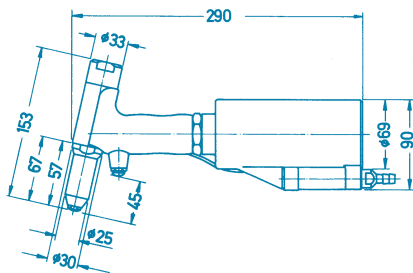
From 3 mm Ø up to 5 mm Ø all materials

Design Features:

Hydraulic head: aluminium with wear-resistant surface of cylinder
 Pneumatic cylinder: aluminium die casting
 Plunger: hardened steel, hard-chrome-plated – ease of movement and wear-resistance
 Compact seals: wear-resistant with high-scrape-off efficiency – long tool life
 Quick release valve: fast reverse stroke – high working cycle
 Button-like trigger: Forefinger operation
 Quiet operation
 Simple valve construction – no down time
 Hydraulic tool head adjustable by 360 degrees
 Favourable position of the centre of gravity and ergonomic lay-out of grip – no operator fatigue

Technical Data:

Weight: 1,3 kg
 Operating air pressure: 6 bar
 Air hose connection Ø: 6 mm (1/4")
 Air consumption: 1,2-1,8 ltrs. per rivet (0,3 ltr. compr. air)
 Traction power: 7.375 N at 5 bar
 Total stroke: 15 mm



Equipment/Accessories:

Nosepieces:
 • 16/32 (in working position)
 • 16/24, 16/27, 16/29, 16/36 (enclosed)

1 pair of jaws
 1 container for spent mandrels
 1 wrench MSU
 1 wrench MSZ

Maintenance instructions with spare parts list

Nosepiece allocation:

Rivet-Ø	Rivet Material	Nose-piece
2,4	Alu	10/18*
3,2	Cap-Alu and -Copper	10/18*
3 & 3,2	Alu, Copper, Steel, Stainless Steel, Stinox, Alu/Alu, PG-Alu and -Steel	10/24*
4	Alu, Copper, Cap-Alu a. -Copper	16/24
4	Steel, Alu/Alu, PG-Alu	16/27
4	Stainless Steel, Stinox, PG-Steel,	16/29
5 & 4,8	Alu, Cap-Alu and -Copper, PG-Alu	16/29
5 & 4,8	Steel, Alu/Alu	16/32
5	Stainless Steel, Stinox, PG-Steel	16/36

* small jaw mechanism (part-N° 198) to be used (717 1986)

VAS

Part N° 728 0017

Mandrel Collection System:

VAS for PH 1, PH 2 und PH 2-KA

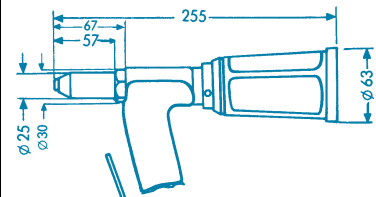
This device absorbs the spent mandrel after the riveting operation and transports it automatically into the mandrel container. A further advantage is offered when the rivet, inserted into the nosepiece, is held in the jaw mechanism even if the tool head is in the vertical position. The vacuum absorption device is available as a complete built-in unit and can also be fitted to existing GESIPA Riveting Power Tools at any time.

Technical Data:

Weight of the unit: 430 g
 Operating air pressure: 4-6 bar

Equipment/Accessories:

1 air deflector (Part-N° 896)
 1 wrench MSU
 Maintenance instructions with spare parts list



CE-Conformity: Machinery Safety according to EEC Directive N° 98/37 EEC

Pneumatic-hydraulic Riveting Power Tool



VK: Shortened head for riveting in small profiles and places or difficult access.

PH 2-VK

Pneumatic-hydraulic Riveting Power Tool

PH 2-VK

Part N° 717 0068

Work Capacity:

Up to 4 mm Ø Alu, Steel and Copper

Design Features:

Integrated vacuum absorption and spent mandrel ejection system - fast and clean operation

Flexible spent mandrel container - improved accessibility

Traction rod: shortened and containing the jaw mechanism

Hydraulic head: with wear-resistant cylinder surface

Pneumatic cylinder: aluminium die casted

Compact seals: wear resistant with high scrap-off efficiency - long tool life

Return stroke pneumatically: high operating cycle

Simple valve construction: no down time

Favourable design: operator comfort

Technical Data:

Weight: 1,3 kg (2,9 lbs.)
 Operating air pressure: 6 bar
 Air hose connection Ø: 6 mm (1/4")
 Air consumption:
 (without mandrel 1,2-1,8 ltrs. per rivet
 absorption device) (0,3 ltr. compr. air)
 Traction power: 5.200 N

Equipment/Accessories:

Nosepieces:

- 10/24 (in working position)
- 10/18, 10/27 (enclosed)

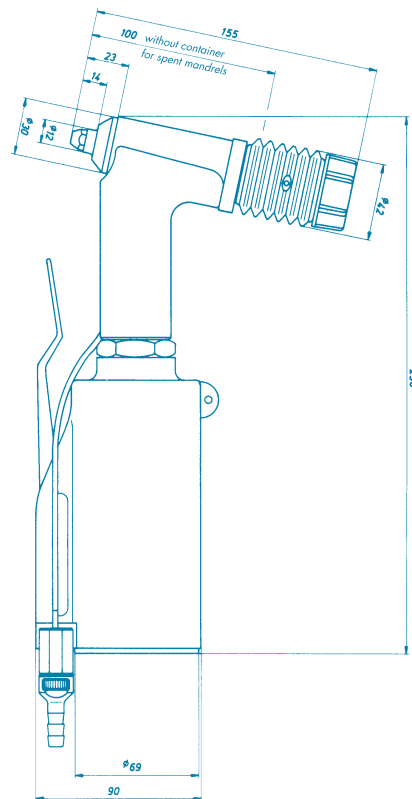
1 container for spent mandrels

1 wrench each MSU and MSZ

Nosepiece allocation:

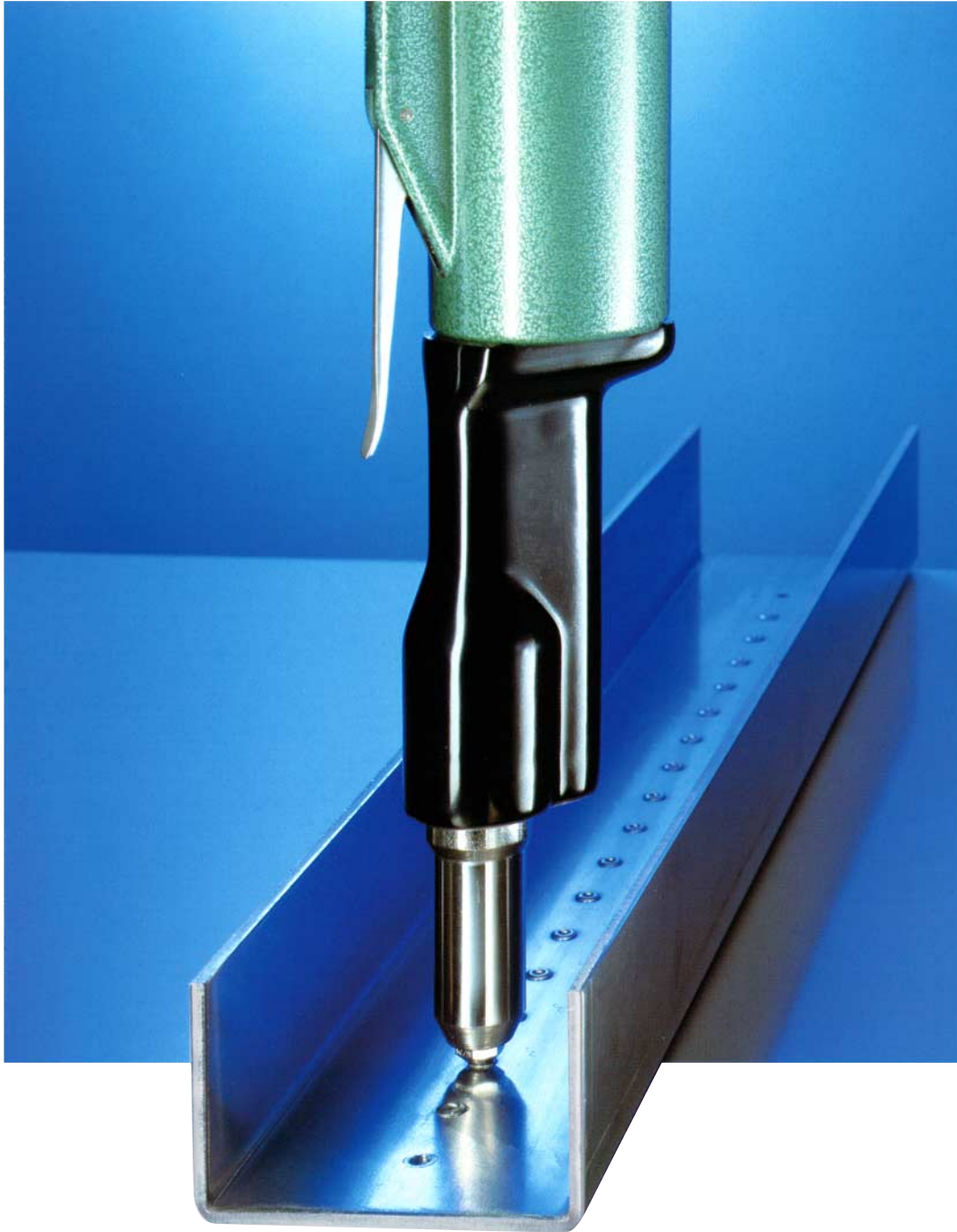
Rivet-Ø	Rivet Material	Nose-piece
2,4	Alu	10/18
3,2	Cap-Alu and Copper	10/18
3 & 3,2	Alu, Copper, Steel, Stainless Steel, Stinox, Alu/Alu, PG-Alu and -Steel	10/24
4	Alu, Copper	10/24
4	Steel, Cap-Alu and -Copper, Alu/Alu, PG-Alu	10/27

Elongated nosepieces (9 mm) and special nosepieces are available upon request.



CE-Conformity: Machinery Safety according to EEC Directive N° 98/37 EEC

Pneumatic-hydraulic Riveting Power Tool



PH-Axial



Pneumatic-hydraulic Riveting Power Tool

PH-Axial

Part N° 770 0008

Work Capacity:

From 3 mm Ø up to 5 mm Ø Alu, Steel and 2,4 mm Ø with small jaw mechanism

Design Features:

Pneumatic cylinder and hydraulic section with jaw mechanism are laid out in straight succession: providing easy access to the workpiece and comfortable handling especially when operating in vertical position

An integrated vacuum absorption and spent mandrel ejection system allows clean and fast operation

Hydraulic section: high-grade aluminium with wear-resistant cylinder surface

Pneumatic cylinder: aluminium die casting

Plunger: hardened steel and hard chrome plated; high wear resistance and ease of movement

Compact seals: wear resistant with high scrape-off efficiency for long tool life

Quick release valve: fast reverse stroke and high working cycle

Quiet pneumatic operation

Simple valve design: no down time

Technical Data:

Weight: 1,8 kg
Operating air pressure: 6 bar
Air hose connection Ø: 6 mm (1/4")
Air consumption (without mandrel absorption device): 1,2-1,8 ltrs. per rivet
0,3 ltr. compr. air
Traction power: 7.375 N at 5 bar
Total stroke: 15 mm

Equipment/Accessories:

Nosepieces:

- 16/32 (in working position)
- 16/24, 16/27, 16/29 (enclosed)

Jaw pusher with reduction tube (Part n°.125) for 4 mm Ø blind rivets made of Alu and Copper

Unloading tube with socket for spent mandrels

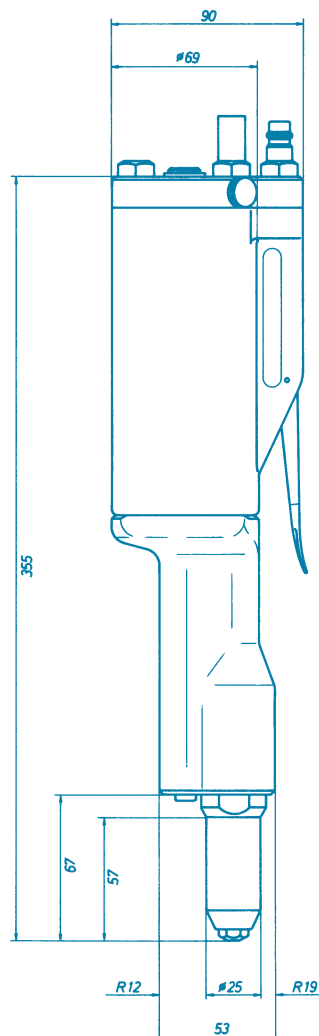
Maintenance instructions with spare parts list

Nosepiece allocation:

Rivet-Ø	Rivet Material	Nose-piece	Jaw Pusher with Reducing-Tube
2,4	Alu	10/18*	130
3,2	Cap-Alu and -Copper	10/18*	130
3 & 3,2	Alu, Copper, Steel, Stainless Steel, Stinox, Alu/Alu, PG-Alu and -Steel	10/24*	130
4	Alu, Copper	16/24	125
4	Steel, Cap-Alu and -Copper, Alu/Alu, PG-Alu	16/27	
4	Stainless Steel, Stinox, PG-Steel	16/29	
5 & 4,8	Alu, Cap-Alu and -Copper, PG-Steel	16/29	
5 & 4,8	Steel, Alu/Alu	16/32	

* small jaw mechanism (part n°. 298) to be used (770 2981)

Elongated nosepieces (9 mm) and special nosepieces are available upon request.



Pneumatic-hydraulic riveting tools



TAURUS 1

TAURUS 2

TAURUS 3

TAURUS 4

Pneumatic-hydraulic riveting tools

TAURUS 1

Part-Nº. 756 0001

Work Capacity:

Up to 4 mm Ø Alu/Steel

Technical Data:

Weight:	1,3 kg
Setting force: (at 5 bar)	4.200 N
Performance/weight ratio:	3.230 N/kg
Operating air pressure:	5-7 bar
Usable stroke:	15 mm
Air consumption: (ltr./rivet) approx.	1,0 ltr.
Noise emission:	77 dB
Vibrations:	< 2,5 m/s ²

Equipment/Accessories:

Nosepieces:

- 17/18 (in working position)
- 17/24, 17/27 (in tool base)

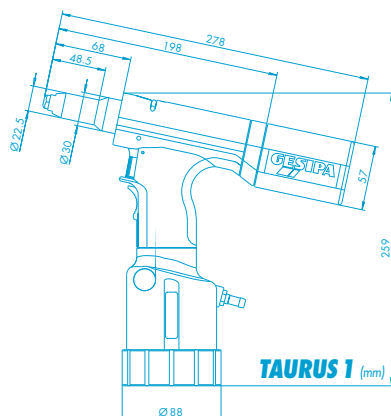
Wrenches:

SW 12/14, SW 14/17

Hydraulic fluid 100 ml

Oil filling can

Maintenance instructions with spare parts list



TAURUS 2

Part-Nº. 757 0007

Work Capacity:

Up to 5 mm Ø all materials and 6 mm Ø Alu/Steel

Technical Data:

Weight:	1,6 kg
Setting force: (at 5 bar)	9.000 N
Performance/weight ratio:	5.625 N/kg
Operating air pressure:	5-7 bar
Usable stroke:	18 mm
Air consumption: (ltr./rivet) approx.	2,3 ltr.
Noise emission:	78 dB
Vibrations:	< 2,5 m/s ²

Equipment/Accessories:

Nosepieces:

- 17/27 (in working position)
- 17/29, 17/32, 17/36 (in tool base)

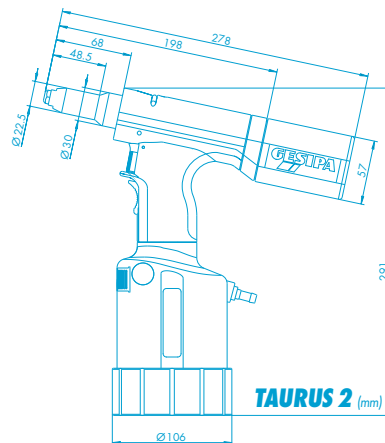
Wrenches:

SW 12/14, SW 14/17

Hydraulic fluid 100 ml

Oil filling can

Maintenance instructions with spare parts list



TAURUS 3

Part-Nº. 758 0002

Work Capacity:

Up to 6,4 mm Ø all materials

Technical Data:

Weight:	1,9 kg
Setting force: (at 5 bar)	14.000 N
Performance/weight ratio:	7.370 N/kg
Operating air pressure:	5-7 bar
Usable stroke:	25 mm
Air consumption: (ltr./rivet) approx.	4,8 ltr.
Noise emission:	79 dB
Vibrations:	< 2,5 m/s ²

Equipment/Accessories:

Nosepieces:

- 17/36 (in working position)
- 17/40, 17/45 (in tool base)

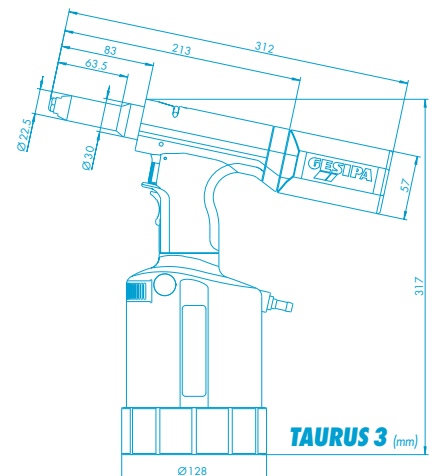
Wrenches:

SW 12/14, SW 14/17

Hydraulic fluid 100 ml

Oil filling can

Maintenance instructions with spare parts list



Pneumatic-hydraulic riveting tools

TAURUS 4

Part-Nº. 759 0001

Work Capacity:

Up to 6,4 mm Ø all materials and
8 mm Ø Alu

Technical Data:

Weight: 2,0 kg
Setting force: (at 5 bar) 20.000 N
Performance/weight ratio: 10.000 N/kg
Operating air pressure: 5-7 bar
Usable stroke: 19 mm
Air consumption: (ltr./rivet) approx. 4,8 ltr.
Noise emission: 79 dB
Vibrations: < 2,5 m/s²

Equipment/Accessories:

Nosepieces:

- 17/36 (in working position)
- 17/40, 17/45 (in tool base)

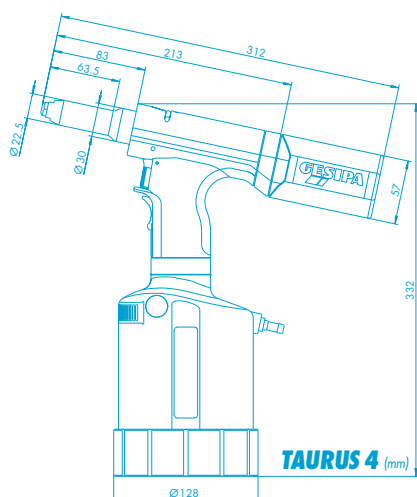
Wrenches:

SW 12/14, SW 14/17

Hydraulic fluid 100 ml

Oil filling can

Maintenance instructions with spare parts list



TAURUS-Series in detail

TAURUS – main features at a glance:

- ▶ **Modular design** for the complete tool series:
 - high level of common parts – low spare parts inventory and easy maintenance
- ▶ **Jaw assembly** (patent pending) with jaws guided in independent channels and pneumatic contact pressure:
 - long life duration
 - safe and secure gripping of the mandrels
 - one single jaw assembly for all rivet dimensions
- ▶ **Performance:**
 - high setting force and low tool weight
 - faster working cycles
 - stroke optimized for every tool type
- ▶ **Economy** – low compressed air consumption through:
 - same air for rivet setting **and** broken mandrel ejection
 - switchable suction system through easy to activate slide switch
- ▶ **Ergonomics/Safety:**
 - rubber padded, hand friendly tool grip
 - outstanding weight distribution
 - low vibration and noise damping
 - low triggering force
 - mandrel container equipped with safety device and adjustable airflow deviation
 - safety air pressure valve to avoid tool overstress through excessive air pressure

Nosepiece allocation:

Rivet Ø (mm)	Rivet material	Nose-piece	Part N°.
2,4	Alu	17/18	725 2075
3,2	CAP-Alu, CAP-CU	17/18	725 2075
3 and 3,2	Alu, CU, Steel, Stainless Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	17/24	725 1583
4	Alu, CU, CAP-Alu, CAP-CU	17/24	725 1583
4	Steel, Alu/Alu, PG-Alu	17/27	725 2040
4	Stainless Steel, Stinox, PG-Steel	17/29	725 2059
5 and 4,8	Alu, CAP-Alu, CAP-CU, PG-Alu	17/29	725 2059
5 and 4,8	Steel, Alu/Alu	17/32	725 2067
5 and 4,8	Stainless Steel, Stinox, PG-Steel	17/36	725 2083
6	Alu	17/36	725 2083
6	Steel	17/40	725 2560
6,4	Alu	17/40	725 2560
6,4	Steel, Alu/Alu	17/45	724 3065
8	Alu	17/45	724 3065

BULB-TITE® Ø (mm)	Rivet material	Nose-piece	Part N°.
4	Alu/Alu	17/26 BT*	725 2202
5,2	Alu/Alu	17/32 BT*	725 2210
6,3	Alu/Alu, Steel/Steel, Monel/Stainless Steel	17/42 BT*	725 2229
7,7	Alu/Alu	17/48 BT*	725 2237

MEGA GRIP® Ø (mm)	Rivet material	Nose-piece	Part N°.
4,8	Alu/Alu, Steel/Steel, Stainless Steel	17/31 MG*	725 2250
6,4	Alu/Alu, Steel/Steel, Stainless Steel	17/41 MG*	724 3146

* Elongated nosepieces and special nosepieces are available upon request.

AccuBird®



**Cordless freedom
for high performance riveting**



AccuBird® Battery Powered Riveting Tool

Freedom

AccuBird®: The versatile cableless Riveting Tool for outdoor and indoor applications

High Performance

The **AccuBird®** can set blind rivets up to 5,0 mm Ø in all materials
High battery autonomy
High total stroke of 20 mm

High Speed Setting

Constant forward and backward speed of the jaw assembly.
Immediate repositioning of the jaw assembly after completion of the setting process saves energy and increases setting frequency

High reliability

Electronic control, no mechanical switching.
Electronic temperature and overload monitoring.
High efficiency through ball screw drive with low energy dispersion

Efficient ergonomy

Ideal balancing through adequate centre of gravity position and ergonomic handle for low effort work

Easy operation

Exchange nosepieces and wrench always on hand
Compact, shockproof plastic housing.
Disposal of spent mandrel through action of gravity, either forwards through the nosepiece or backwards into the spent mandrel container

Distinguished:



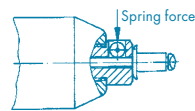
The **AccuBird®** has been awarded the Industrial Forum Design Award in Hannover

Nosepiece allocation – Rivets per charge:

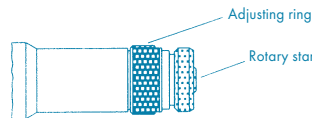
Rivet Ø in mm	Standard nosepiece			Retention nosepiece*	Universal nosepiece*
	Material	Pieces/charge	Type		
2,4	Alu	1.900	17/18*	17/18R*	1,8
3,0/3,2	Alu	1.300	17/24	17/24R*	2,4
3,0/3,2	Steel	1.100	17/24	17/24R*	2,4
3,0/3,2	Stainless Steel	1.000	17/24	17/24R*	2,4
4,0	Alu	1.000	17/24	17/24R*	2,4
4,0	Steel	900	17/27	17/27R*	2,7
4,0	Stainless Steel	800	17/29	17/29R*	2,9
4,8/5,0	Alu	700	17/29	17/29R*	2,9
4,8/5,0	Steel	500	17/32	17/32R*	3,2
4,8/5,0	Stainless Steel	400	17/36*	17/36R*	-

* Available as special accessory
Special Nosepieces available on request

Optional accessories:



The **retention nosepiece** firmly holds the rivet notwithstanding the tool position, so that it can be operated single-handed, even for downwards riveting: More safety and commodity.



The **universal nosepiece** replaces 5 different nosepiece sizes. The rotating nose block can be unlocked and turned without any tool, thus allowing to bring the suitable mandrel diameter into working position.

Equipment/Accessories:

Nosepieces:
• 17/24 (in working position)
• 17/27, 17/29 and 17/32 (in magazine)
Wrench: SW 12 as cover of the nosepiece magazine
Retractable suspension loop
Quick exchange battery
Operating Manual with Spare Parts List

Technical data:

AccuBird®

Operating Voltage: 12 Volt DC
Pulling Strength: 8.500 N
Total Stroke: 20 mm
Weight: 2,2 kg with battery

Power-Accu

Nominal Voltage: 12 Volt
Nominal Capacity: 1,7 Ah
Number of cells: 10
Cells composition: Nickel-Cadmium
Weight: 0,65 kg

Quick battery charger

Input Voltage: 230V / 50 Hz
Charging Time: Approx. 40 minutes
Weight: 0,5 kg

Scope of delivery:

AccuBird® in metal carrying case, with battery 12 V 1,7 Ah and quick battery charger

Part-Nº. 725 0037

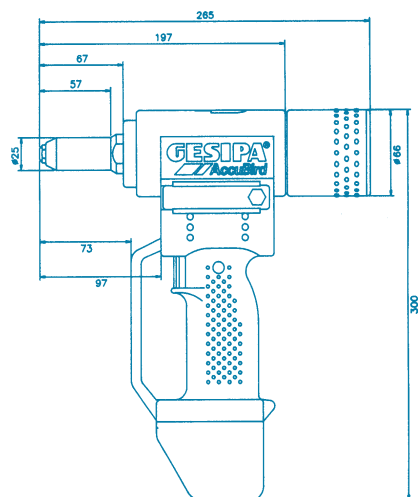
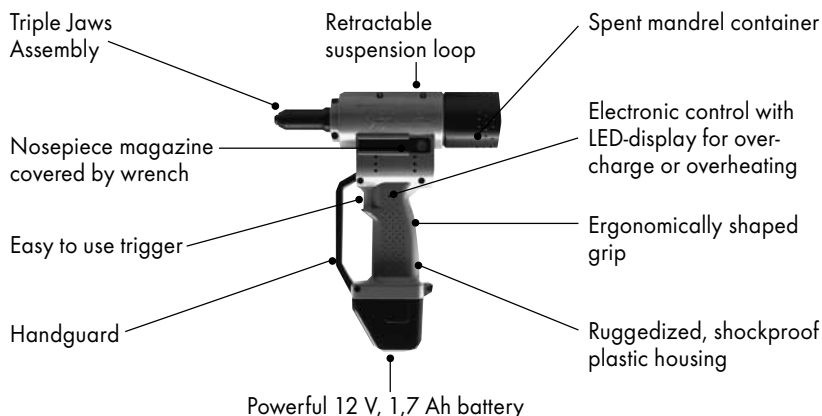
Same as above, but in cardboard box

Part-Nº. 725 0029

In cardboard box, without quick battery charger

Part-Nº. 725 0010

All features at a glance:



PowerBird®



**Cordless freedom
for high performance riveting**



PowerBird® Battery Powered Riveting Tool

Freedom

PowerBird®: The versatile cableless Riveting Tool for outdoor and indoor applications

High Performance

The **PowerBird®** can set all types of structure blind rivets.

High battery autonomy.
High total stroke of 20 mm

High Speed Setting

Constant forward and backward speed of the jaw assembly.

Immediate repositioning of the jaw assembly after completion of the setting process saves energy and increases setting frequency

High reliability

Electronic control, no mechanical switching.
Electronic temperature and overload monitoring.

High efficiency through ball screw drive with low energy dispersion

Efficient ergonomy

Ideal balancing through adequate center of gravity position and ergonomic handle for low effort work

Easy operation

Exchange nosepieces and wrench always on hand

Compact, shockproof plastic housing
Disposal of spent mandrel through action of gravity, either forwards through the nosepiece or backwards into the spent mandrel container

Nosepiece allocation – Rivets per charge:

Rivet Ø in mm	Material	pieces/charge	Nosepiece	Part.-N°:
Standard Blind rivet				
4,8;5,0	Steel	500	17/32	725 2067
4,8;5,0	Inox	400	17/36	725 2083
6,0	Alu	400	17/36	725 2083
6,0	Steel	220	17/40	725 2560
6,4	Alu	300	17/45	724 3065
6,4	PG-Alu	300	17/45	724 3065
6,4	Steel	180	17/45	724 3065
BULB-TITE® Blind rivet				
4,0	Alu/Alu	720	17/26 BT*	725 2202
5,2	Alu/Alu	660	17/32 BT*	725 2210
6,3	Alu/Alu	420	17/42 BT*	725 2229
6,3	Steel/Steel	220	17/42 BT*	725 2229
6,3	Monel/Inox	270	17/42 BT*	725 2229
7,7	Alu/Alu	340	17/48 BT*	725 2237
MEGA GRIP® Blind rivet				
4,8	Alu/Alu	430	17/31MG*	725 2250
6,4	Alu/Alu	300	17/41MG*	724 3146
4,8	Steel/Steel	300	17/31MG*	725 2250
6,4	Steel/Steel	100	17/41MG*	724 3146
4,8	Inox/Inox	300	17/31MG*	725 2250
6,4	Inox/Inox	100	17/41MG*	724 3146

* All BT and MG nosepieces available as special accessories. Special Nosepieces available on request

** For **BULB-TITE®** 7,7 mm Ø

Working Range:

Blind rivets from Ø 4,8 mm Steel up to Ø 6,4 mm all materials

BULB-TITE® blind rivets up to Ø 7,7 mm all materials

MEGA GRIP® blind rivets up to Ø 6,4 mm all materials

Equipment/Accessories:

Nosepieces:

- 17/32 (in working position)
- 17/36, 17/40 and 17/45 (in magazine)

Wrench: SW 12 as cover of the nosepiece magazine

Retractable suspension loop

Quick exchange battery

Operating Manual with Spare Parts List

Technical characteristics:

PowerBird®

Operating Voltage: 12 Volt DC

Pulling Strength: 13.000 N

Total Stroke: 20 mm

Weight: 2,2 kg with battery

Power-Accu

Nominal Voltage: 12 Volt; 2,0 Ah

Number of cells: 10

Cells composition: Nickel/Cadmium

Weight: 0,68 kg

Quick battery charger

Input Voltage: 230 V / 50 Hz

Charging Time: approx. 45 min.

Weight: 0,5 kg

Scope of delivery:

PowerBird® in metal carrying case, with

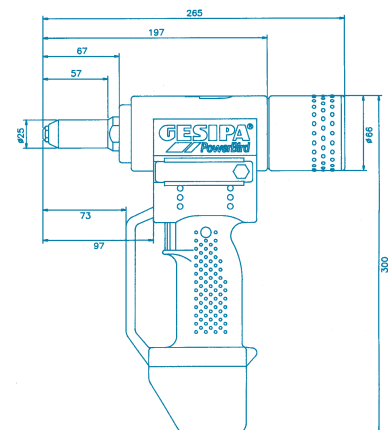
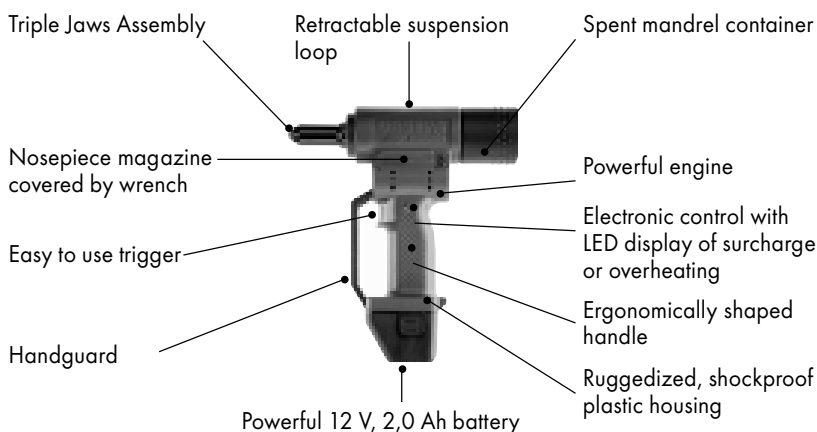
battery 12 V 2,0 Ah and quick battery

charger **Part N° 724 0031**

Same as above, but without quick battery

charger **Part N° 724 0023**

The advantages:



CE-Conformity: Machinery Safety according to EEC Directive N° 98/37 EEC

Special Accessories for Blind Riveting Power Tools

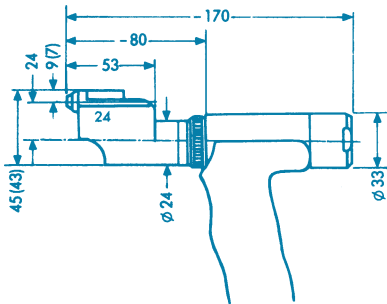
Off-set Head for PH1, PH2 and PH2-KA

For corner applications and areas of difficult access.

Riveting is possible at a distance of 7 mm and 9 mm, respectively.

Work Capacity:

Up to 4 mm Ø stainless steel (off-set head with two-part jaws).
Up to 5 mm Ø steel (off-set head with three-part jaws).

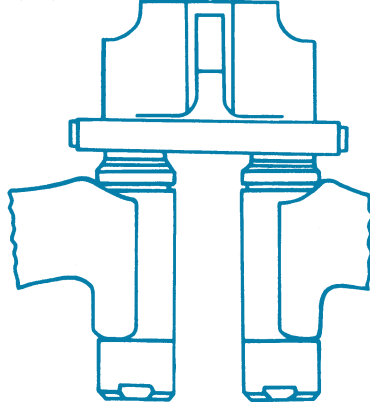


Part N° 99 (with two-part jaws)
Part N° 704 0016

Part N° 199 (with three-part jaws)
Part N° 704 0024



All data in brackets refer to small jaw assembly only



Centre distance can be only 14 and 18 mm, respectively for a stationary arrangement.

Nosepiece allocation:

Rivet-Ø	Rivet Material	Nose-piece
3 & 3,2	Alu, Copper, Steel, Stainless Steel, Stinox	16/24
4	Alu, Copper	16/24
4	Steel, Cap-Alu and -Copper, Alu/Alu	16/27
4	Stainless Steel, Stinox	16/29
5 & 4,8	Alu, Cap-Alu and -Copper	16/29
5 & 4,8	Steel, Alu/Alu	16/32

Small Jaw Mechanism for PH1, PH2, PH2-KA, PH2000 and PH-Axial

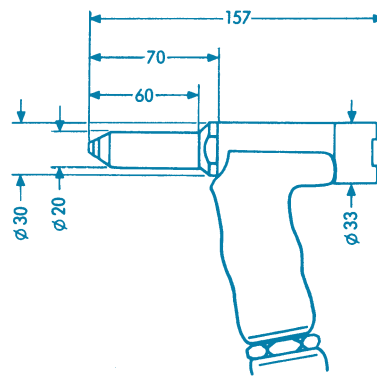
With reduced diameter of the head (20 mm) and 2-part jaws

For riveting in small profiles and in places of difficult access

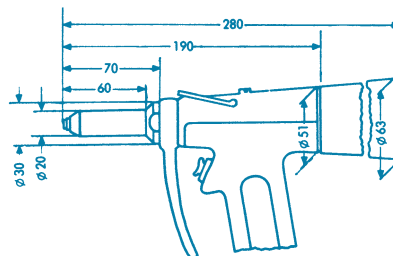
Normally to set blind rivets with small diameters (2,4 mm; 3 mm; 3,2 mm all material)

Work Capacity:

Up to 4 mm Ø Stainless Steel and 5 mm Ø Alu



Part No. 198 (PH1, PH2 and PH2-KA)
Part N° 717 1986



Part No. 898 (PH2000)
Part N° 715 8971

Part No. 298 (PH-Axial)
Part N° 770 2981

Equipment/Accessories:

Standard: nosepiece 10/24 (optional with nosepiece 10/18, 10/27, 10/29, 10/32)

Nosepiece allocation:

Rivet-Ø	Rivet Material	Nose-piece
2,4	Alu	10/18
3,2	Cap-Alu and Copper	10/18
3 & 3,2	Alu, Copper, Steel, Stainless Steel, Stinox	10/24
4	Alu, Copper	10/24
4	Steel, Cap-Alu and -Copper, Alu/Alu	10/27
4	Stainless Steel, Stinox	10/29
4,8	Cap-Alu and -Copper	10/29
5 & 4,8	Alu	10/32

Extension Units

For riveting in deep recesses and areas of difficult access.

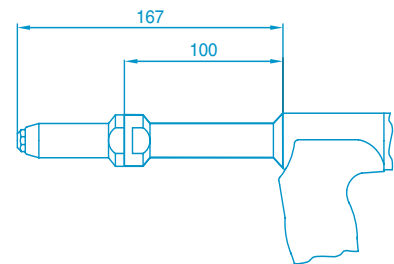
for **PH1, PH2** and **PH 2-KA**
Part N° 717 1641 (100 mm)

for **PH 2000**
Part N° 715 9994 (100 mm)

for **SN 2**
Part N° 712 0419 (100 mm)

for **AccuBird®**
Part N° 725 2293 (100 mm)

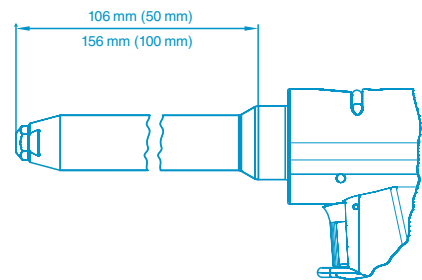
for **PowerBird®**
Part N° 724 3278 (100 mm)



for **TAURUS 1**
Part N° 756 2013 (50 mm)
Part N° 756 2015 (100 mm)

for **TAURUS 2**
Part N° 757 1016 (50 mm)
Part N° 757 1019 (100 mm)

for **TAURUS 3 and 4**
Part N° 758 1021 (50 mm)
Part N° 758 1023 (100 mm)



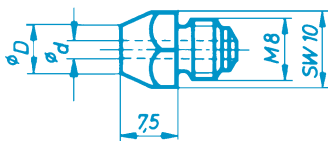
CE-Conformity: Machinery Safety according to EEC Directive N° 98/37 EEC

Nosepieces for Blind Riveting Tools

NTS, NTS-K, NTX (F), SN 1, PH 1-VK, PH 2-VK and PH 1-L

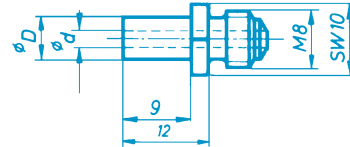
Rivet Ø	Rivet-Material	Ø d	Ø D	Standard	Part N°.	Elongated Version (9 mm)	Part N°.
2,4	Alu	1,8	6,0	10/18	705 1182	V-10/18	705 9183
3,2	CAP-Alu, CAP-Copper	1,8	6,0	10/18	705 1182	V-10/18	705 9183
3 and 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	6,0	10/24	705 1247	V-10/24	705 9248
4	Alu, Copper	2,4	6,0	10/24	705 1247	V-10/24	705 9248
4	Steel, CAP-Alu, CAP-Copper, Alu/Alu, PG-Alu	2,7	6,0	10/27	705 1271	V-10/27	705 9272
4	Stainl. Steel, Stinox, PG-Steel	2,9	8,0	10/29	705 1298	V-10/29	705 9299
4,8	CAP-Alu, CAP-Copper	2,9	8,0	10/29	705 1298	V-10/29	705 9299
4,8 and 5	Alu, PG-Alu	3,2	8,0	10/32	705 1328	V-10/32	705 9329
4	Plastic	3,0		10/30 K	705 3304		
5	Plastic	3,5		10/35 K	705 3355		
6	Plastic	4,0		10/40 K	705 3401		

Standard Version



10/..... Nosepieces

Elongated Version (9 mm)

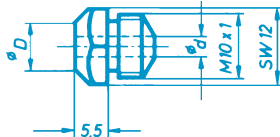


V-10/..... Nosepieces

SN 2, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial and PH 2000

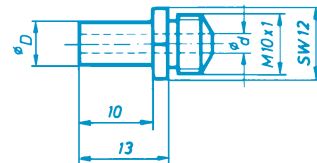
Rivet Ø	Rivet-Material	Ø d	Ø D	Standard	Part N°.	Elongated Version (10mm)	Part N°.
2,4	Alu	1,8	6,0	16/18	717 1196	V-16/18	717 9197
3,2	CAP-Alu, CAP-Copper	1,8	6,0	16/18	717 1196	V-16/18	717 9197
3	Alu, Copper	2,0	6,0	16/20	717 1218	V-16/20	717 9200
3 and 3,2	Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	6,0	16/24	717 1234	V-16/24	717 9235
4	Alu, Copper, CAP-Alu, CAP-Copper	2,4	6,0	16/24	717 1234	V-16/24	717 9235
4	Steel, Alu/Alu, PG-Alu	2,7	8,0	16/27	717 1277	V-16/27	717 9278
4	Stainl. Steel, Stinox, PG-Steel	3,0	8,0	16/29	717 1293	V-16/29	717 9294
4,8 and 5	Alu, CAP-Alu, CAP-Copper, PG-Alu	3,0	8,0	16/29	717 1293	V-16/29	717 9294
4,8 and 5	Steel, Alu/Alu	3,35	8,0	16/32	717 1323	V-16/32	717 9324
4,8 and 5	Stainl. Steel, Stinox, PG-Steel	3,6	10,0	16/36	717 1366	V-16/36	717 9367
6	Alu	3,6	10,0	16/36	717 1366	V-16/36	717 9367
6	Steel	4,0	10,0	16/40	717 1390	V-16/40	717 9138
6,4	Alu, PG-Alu	4,0	10,0	16/40	717 1390	V-16/40	717 9138
6,4	Steel, Alu/Alu	4,5	10,0	16/45	717 1455	V-16/45	717 9456
4	Plastic	3,0	6,0	16/30 K	714 1300		
5	Plastic	3,5	6,0	16/35 K	714 1351		
6	Plastic	4,0	6,0	16/40 K	714 1408		

Standard Version



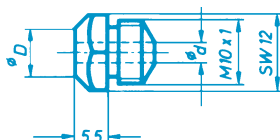
16/..... Nosepieces

Elongated Version (10 mm)

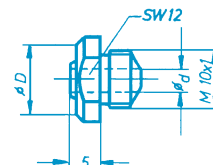


V-16/..... Nosepieces

Rivet Ø	Rivet-Material	Ø d	Ø D	Nosepiece	Part N°.
4,8	all MEGA GRIP®	3,1	8,0	16/31 MG	717 9669
6,4	all MEGA GRIP®	4,2	10,0	16/41 MG	717 9677



Rivet Ø	Rivet-Material	Ø d	Ø D	Nosepiece	Part N°.
4	all BULB-TITE®	2,64	8,0	16/26 BT	717 1471
5,2	all BULB-TITE®	3,23	10,0	16/32 BT	717 1498
6,3	all BULB-TITE®	4,2	10,0	16/42 BT	717 1501
7,7	all BULB-TITE®	4,8	10,0	16/48 BT	717 1528

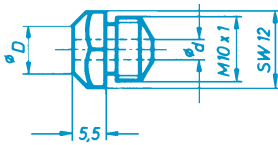


Nosepieces for Blind Riveting Tools

AccuBird®, PowerBird® and TAURUS

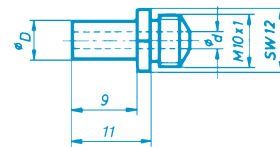
Rivet Ø	Rivet-Material	Ø d	Ø D	Standard	Part N°.	Elongated Version (9 mm)	Part N°.
2,4	Alu	1,8	6,0	17/18	725 2075	V-17/18	725 2121
3,2	CAP-Alu, CAP-Copper	1,8	6,0	17/18	725 2075	V-17/18	725 2121
3	Alu, Copper	2,0	6,0	17/20	725 2269		
3 and 3,2	Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	6,0	17/24	725 1583	V-17/24	725 2148
4	Alu, Copper, CAP-Alu, CAP-Copper	2,4	6,0	17/24	725 1583	V-17/24	725 2148
4	Steel, Alu/Alu, PG-Alu	2,7	8,0	17/27	725 2040	V-17/27	725 2156
4	Stainl. Steel, Stinox, PG-Steel	3,0	8,0	17/29	725 2059	V-17/29	725 2164
4,8 and 5	Alu, CAP-Alu, CAP-Copper, PG-Alu	3,0	8,0	17/29	725 2059	V-17/29	725 2164
4,8 and 5	Steel, Alu/Alu	3,35	8,0	17/32	725 2067	V-17/32	725 2172
4,8 and 5	Stainl. Steel, Stinox, PG-Steel	3,6	10,0	17/36	725 2083	V-17/36	725 2180
6	Alu	3,6	10,0	17/36	725 2083	V-17/36	725 2180
6	Steel	4,0	10,0	17/40	725 2560	V-17/40	725 9586
6,4	Alu	4,0	10,0	17/40	725 2560	V-17/40	725 9586
6,4	Steel, Alu/Alu	4,5	10,0	17/45	724 3065	V-17/45	724 3154

Standard Version



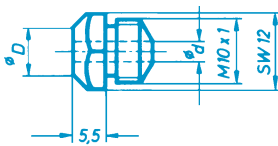
17/..... Nosepieces

Elongated Version (9 mm)

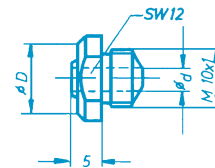


V-17/..... Nosepieces

Rivet Ø	Rivet-Material	Ø d	Ø D	Nosepiece	Part N°.
4,8	all MEGA GRIP®	3,1	8,0	17/31 MG	725 2250
6,4	all MEGA GRIP®	4,2	10,0	17/41 MG	724 3146

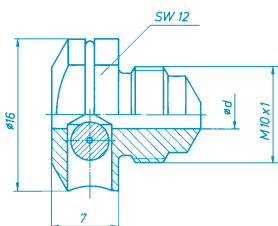


Rivet Ø	Rivet-Material	Ø d	Ø D	Nosepiece	Part N°.
4	all BULB-TITE®	2,64	8,0	17/26 BT	725 2202
5,2	all BULB-TITE®	3,23	10,0	17/32 BT	725 2210
6,3	all BULB-TITE®	4,2	11,0	17/42 BT	725 2229
7,7	all BULB-TITE®	4,8	10,0	17/48 BT	725 2237



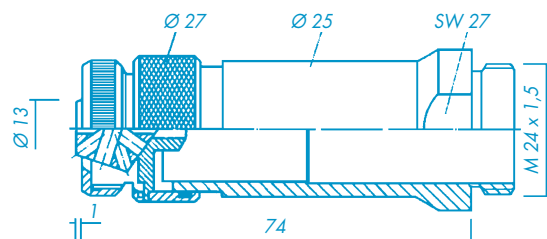
Retaining Nosepieces for AccuBird® and PowerBird®

Rivet Ø	Rivet-Material	Ø d	Nosepiece	Part N°.
2,4	Alu	1,85	17/18 R	725 4078
3,2	CAP-Alu, CAP-Copper	1,85	17/18 R	725 4078
3 & 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	17/24 R	725 4086
4	Alu, Copper, CAP-Alu, CAP-Copper	2,4	17/24 R	725 4086
4	Steel, Alu/Alu, PG-Alu	2,7	17/27 R	725 4094
4	Stainl. Steel, Stinox, PG-Steel	2,9	17/29 R	725 4108
4,8 & 5	Alu, CAP-Alu, CAP-Copper, PG-Alu	2,9	17/29 R	725 4108
4,8 & 5	Steel, Alu/Alu	3,2	17/32 R	725 4116
4,8 & 5	Stainl. Steel, Stinox, PG-Steel	3,6	17/36 R	725 4124
6	Alu	3,6	17/36 R	725 4124



Universal Nosepiece

Working range of rotary star			HN 2, SN 2, PH 1, PH 2, PH 2-KA and PH 2000	AccuBird® and PowerBird®
Rivet Ø	Rivet-Material	Ø d	Part N°.	Part N°.
2,4	Alu	1,8	717 1188	725 1637
3,2	CAP-Alu, CAP-Copper	1,8		
3 & 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4		
4	Alu, Copper, CAP-Alu, CAP-Copper	2,4		
4	Steel, Alu/Alu, PG-Alu	2,7		
4	Stainl. Steel, Stinox, PG-Steel	2,9		
4,8 & 5	Alu, CAP-Alu, CAP-Copper, PG-Alu	2,9		
4,8 & 5	Steel, Alu/Alu	3,2		

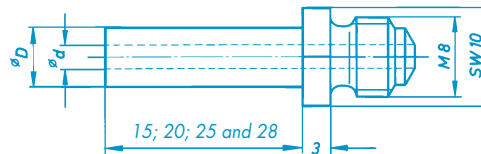


Special Nosepieces for Blind Riveting Tools

Special extension Nosepieces for Blind Riveting Tools NTS, NTS-K, NTX (F), SN 1, PH 1-VK, PH 2-VK and PH 1-L

Rivet Ø	Rivet-Material	Ø d	Ø D	Nosepiece	Special extensions			
					15 mm	20 mm	25 mm	28 mm
3 and 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	6,5	10/24 SL...	705 9388	705 9361	705 9396	705 9418
4	Alu, Copper	2,4	6,5	10/24 SL...	705 9388	705 9361	705 9396	705 9418
4	Steel, CAP-Alu, CAP-Copper, Alu/Alu, PG-Alu	2,7	7,0	10/27 SL...	705 9426	705 9434	705 9442	705 9450
4	Stainl. Steel, Stinox, PG-Steel	2,9	8,0	10/29 SL...	705 9469	705 9477	705 9485	705 9493
4,8	CAP-Alu, CAP-Copper	2,9	8,0	10/29 SL...	705 9469	705 9477	705 9485	705 9493
4,8 and 5	Alu, PG-Alu	3,2	8,0	10/32 SL...	705 9507	705 9515	705 9523	705 9531

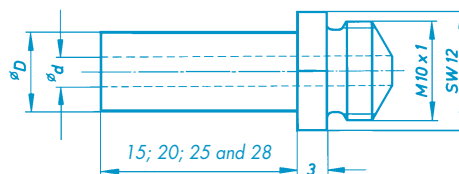
ATTENTION! Rivets with elongated mandrels must be used.



SN 2, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial and PH 2000

Rivet Ø	Rivet-Material	Ø d	Ø D	Nosepiece	Special extensions			
					15 mm	20 mm	25 mm	28 mm
3 and 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	6,0	16/24 SL...	717 9723	717 9731	717 9758	717 9766
4	Alu, Copper	2,4	6,0	16/24 SL...	717 9723	717 9731	717 9758	717 9766
4	Steel, PG-Alu	2,7	8,0	16/27 SL...	717 9774	717 9782	717 9790	717 9804
4	Stainl. Steel, Stinox, PG-Steel	3,0	8,0	16/29 SL...	717 9812	717 9820	717 9839	717 9847
4,8 and 5	Alu, PG-Alu	3,0	8,0	16/29 SL...	717 9812	717 9820	717 9839	717 9847
4,8 and 5	Steel	3,35	8,0	16/32 SL...	717 9855	717 9863	717 9871	717 9898
4,8 and 5	Stainl. Steel, Stinox, PG-Steel	3,6	10,0	16/36 SL...	717 9901	717 9928	717 9936	717 9944
6	Alu	3,6	10,0	16/36 SL...	717 9901	717 9928	717 9936	717 9944
6,4	Alu, PG-Alu	4,0	10,0	16/40 SL...	717 9073	717 9081	717 9103	717 9111
6,4	Steel, Alu/Alu	4,5	10,0	16/45 SL...	717 9030	717 9049	717 9057	717 9065

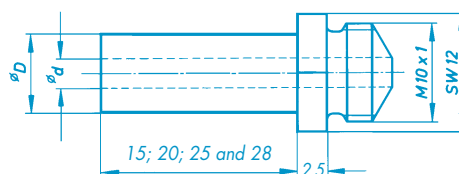
ATTENTION! Rivets with elongated mandrels must be used.



AccuBird®, PowerBird® and TAURUS

Rivet Ø	Rivet-Material	Ø d	Ø D	Nosepiece	Special extensions			
					15 mm	20 mm	25 mm	28 mm
3 and 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	6,0	17/24 SL...	725 9344	725 9352	725 9360	725 9379
4	Alu, Copper	2,4	6,0	17/24 SL...	725 9344	725 9352	725 9360	725 9379
4	Steel, PG-Alu	2,7	8,0	17/27 SL...	725 9387	725 9395	725 9409	725 9417
4	Stainl. Steel, Stinox, PG-Steel	3,0	8,0	17/29 SL...	725 9425	725 9433	725 9441	725 9468
4,8 and 5	Alu, PG-Alu	3,0	8,0	17/29 SL...	725 9425	725 9433	725 9441	725 9468
4,8 and 5	Steel	3,35	8,0	17/32 SL...	725 9476	725 9484	725 9492	725 9506
4,8 and 5	Stainl. Steel, Stinox, PG-Steel	3,6	10,0	17/36 SL...	725 9514	725 9522	725 9530	725 9549
6	Alu/Alu	3,6	10,0	17/36 SL...	725 9514	725 9522	725 9530	725 9549

ATTENTION! Rivets with elongated mandrels must be used.



Special Nosepieces for Blind Riveting Tools

Plate Nosepieces (for riveting soft or brittle materials)

SN 2, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial and PH 2000

Rivet Ø	Rivet-Material	Ø d	Nosepiece	Part N°. Dome Head	Nosepiece	Part N°. Countersunk
3 and 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	PA 16/24	710 1430	P 16/24	710 1236
4	Alu, Copper, CAP-Alu, CAP-Copper	2,4	PA 16/24	710 1430	P 16/24	710 1236
4	Steel, Alu/Alu, PG-Alu	2,7	PA 16/27	710 1473	P 16/27	710 1279
4	Stainl. Steel, Stinox, PG-Steel	3,0	PA 16/29	710 1503	P 16/29	710 1287
4,8 and 5	Alu, CAP-Alu, CAP-Copper, PG-Alu	3,0	PA 16/29	710 1503	P 16/29	710 1287
5	Alu large-flange K 11 and K 14	3,0	PA 16/29 K	710 1309	-	-
4,8 and 5	Steel, Alu/Alu	3,35	PA 16/32	710 1317	P 16/32	710 1384
4,8 and 5	Stainl. Steel, Stinox, PG-Steel	3,6	PA 16/36	710 1562	P 16/36	710 1376
6	Alu	3,6	PA 16/36	710 1619	P 16/36	710 1376

AccuBird®, PowerBird® and TAURUS

Rivet Ø	Rivet-Material	Ø d	Nosepiece	Part N°. Dome Head	Nosepiece	Part N°. Countersunk
3 and 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	PA 17/24	725 3101	P 17/24	725 3209
4	Alu, Copper, CAP-Alu, CAP-Copper	2,4	PA 17/24	725 3101	P 17/24	725 3209
4	Steel, Alu/Alu, PG-Alu	2,7	PA 17/27	725 3128	P 17/27	725 3217
4	Stainl. Steel, Stinox, PG-Steel	3,0	PA 17/29	725 3306	P 17/29	725 3225
4,8 and 5	Alu, CAP-Alu, CAP-Copper, PG-Alu	3,0	PA 17/29	725 3306	P 17/29	725 3225
5	Alu large-flange K 11 and K 14	3,0	PA 17/29 K	725 3136	-	-
4,8 and 5	Steel, Alu/Alu	3,35	PA 17/32	725 3144	P 17/32	725 3233
4,8 and 5	Stainl. Steel, Stinox, PG-Steel	3,6	PA 17/36	725 3152	P 17/36	725 3241
6	Alu	3,6	PA 17/36	725 3152	P 17/36	725 3241

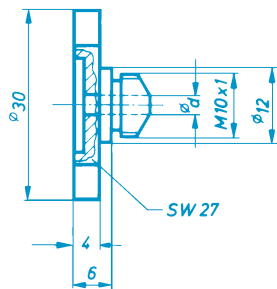


Plate Nosepiece PA 16/.....
with recess for
standard blind rivets
(dome head)

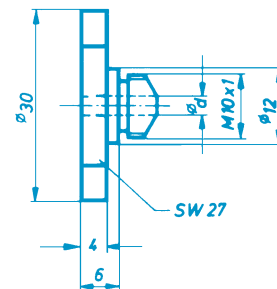
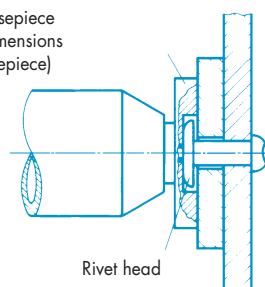


Plate Nosepiece P 16/.....
without recess for
countersunk blind rivets

Pivot-type Nosepieces (for the production of pivot-type fastenings)

Rivet Ø	Rivet-Material	Ø d	Nosepiece	Part N°. SN 2, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial, PH 2000	Nosepiece	Part N°. AccuBird® and PowerBird®
3 and 3,2	Alu, Copper, Steel, Stainl. Steel, Stinox, Alu/Alu, PG-Alu, PG-Steel	2,4	PG 16/24	710 1570	PG 17/24	725 3020
4	Alu, Copper, CAP-Alu, CAP-Copper	2,4	PG 16/24	710 1570	PG 17/24	725 3020
4	Steel, Alu/Alu, PG-Alu	2,7	PG 16/27	710 1589	PG 17/27	725 3039
4	Stainl. Steel, Stinox, PG-Steel	3,0	PG 16/29	710 1333	PG 17/29	725 3276
4,8 and 5	Alu, CAP-Alu, CAP-Copper, PG-Alu	3,0	PG 16/29	710 1333	PG 17/29	725 3276
5	Alu large-flange K 11 and K 14	3,0	PG 16/29 K	710 1414	PG 17/29 K	725 3047
4,8 and 5	Steel, Alu/Alu	3,35	PG 16/32	710 1325	PG 17/32	725 3055
4,8 and 5	Stainl. Steel, Stinox, PG-Steel	3,6	PG 16/36	710 1597	PG 17/36	725 3063
6	Alu	3,6	PG 16/36	710 1597	PG 17/36	725 3063

Pivot-type nosepiece
(compare dimensions
with PA Nosepiece)



45 Rivets per minute: fully automatic!



**Automatic
blind riveting unit GAV**

Fully automatic blind riveting
units for industrial applications

Automatic Blind Riveting Units GAV

Fully automatic Blind Riveting Units for industrial applications

GAV-7000 electronic

with electronic control
and monitoring

Part N°. 719 0077

Working Range:

Blind rivets from \varnothing 2,4 mm up to \varnothing 6,4 mm Alu, Copper and up to \varnothing 6 mm Steel, as well as \varnothing 5 mm Stainless Steel. Shaft length up to 30 mm

Main features:

Main benefits:

- Productivity increase: Approx. 50% time and cost saving compared with conventional blind riveting tools due to automatic loading of blind rivet into the gun's working position.
- No skilled staff required
- High action radius through 4,5 m tubing between riveting gun and main unit
- Capability of integration into full automatic production lines

Main advantages:

- Integrated mandrel disposal through aspiration
- Built-in interface for remote control
- Permanent operation monitoring of the most important process steps, with LED indication

Technical Data:

	GAV-7000 electronic /GAV-8000
Rivets per minute:	45 pieces
Max. pulling strength:	11.770 N (1.200 kp)
Total stroke:	20 mm
Weight of riveting gun:	1,8 kg
Operational pressure:	6 bar
Electric power requirement:	230 V, 50 Hz
Alternatively:	110 V, 60Hz
Air pressure connection:	\varnothing 12,5 mm (1/2")
Length of supply tubing:	3,75 m
Protection class:	IP 54
Air consumption per rivet	
- with mandrel aspiration:	22,5 Ltr.
- without mandrel aspiration:	N/A
Weight of main unit:	100 kg
Continuous noise level	
- without/with vibrating bowl operating:	L_{PA} 78/82 dB
Content of vibrating bowl – Dim./Pieces:	4 x 8 F/1.700 5 x 12 F/1.050

GAV-8000

with electronic operation
control and setting process
monitoring

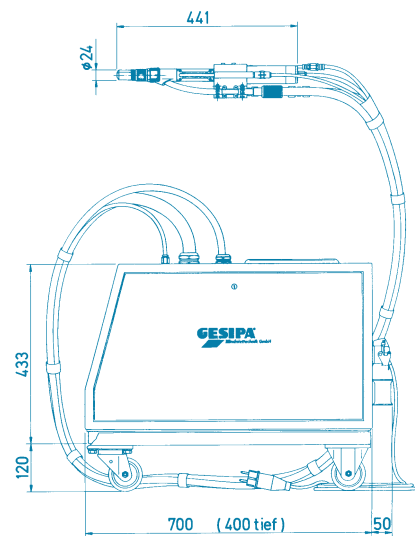
Part N°. 719 0008

Working Range & Main features:

- Identical with GAV-7000 electronic

Main advantages:

- Permanent operation monitoring of the most important process steps on LCD screen



GAV-7000 with robotic riveting gun

CE-Conformity: Machinery Safety according to EEC Directive N°. 98/37 EEC

FireBird®



**Battery powered
Blind Rivet Nuts Setting Tool**



Battery Powered Blind Rivet Setting Tool

FireBird®

Freedom

FireBird®: The versatile cableless Riveting Tool for outdoor and indoor applications.

High Performance

Large working range, from M3 to M8 in aluminium and steel and M10 in aluminium. High battery autonomy. High efficiency through ball screw drive power transmission.

High Speed Setting

Safe and easy drill-on of the blind rivet nuts. Constant speed setting and automatic switching to drill-off at the end of the setting process.

Safe and easy

Drill-on of the blind rivet nut with reduced torque and automatic switch-off. Separate Triggering of the pulling step. Monitoring of preset stroke through electronic control. Drill-off with high torque after setting is complete.

Quick mandrel exchange

Quick mandrel exchange and stroke adjustment without tools.

Threaded mandrels/Nosepieces – Nuts per charge:

Blind Rivet Nut Inner Thread	Material	pieces per charge	Part Number of Threaded mandrel	Part Number of Nosepiece
M3	Alu	600	726 2019	726 2086
M3	Steel	550		
M4	Alu	520	726 2027	726 2094
M4	Steel	480		
M5	Alu	480	726 2035	726 2108
M5	Steel	400		
M6	Alu	400	726 2043	726 2116
M6	Steel	300		
M8	Alu	340	726 2051	726 2124
M8	Steel	180		
M10	Alu	300	726 2078	726 2132

Technical Characteristics:

FireBird®

Operating Voltage: 12 Volt DC
Pulling Strength: 13.000 N
Weight: 2,3 kg

Battery

Nominal Voltage: 12 Volt
Nominal Capacity: 1,7 Ah
Number of cells: 10
Cell composition: Nickel/Cadmium
Weight: 0,65 kg

Quick Battery Charger

Input Voltage: 230V / 50 Hz
Charging Time: approx. 40 minutes
Weight: 0,5 kg

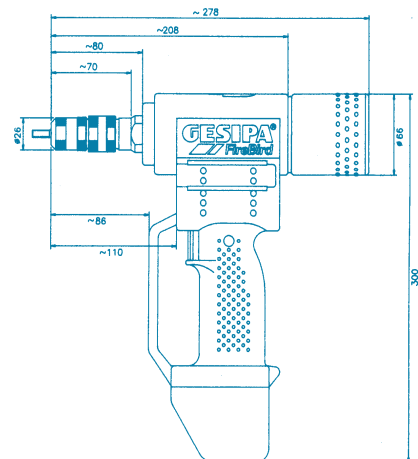
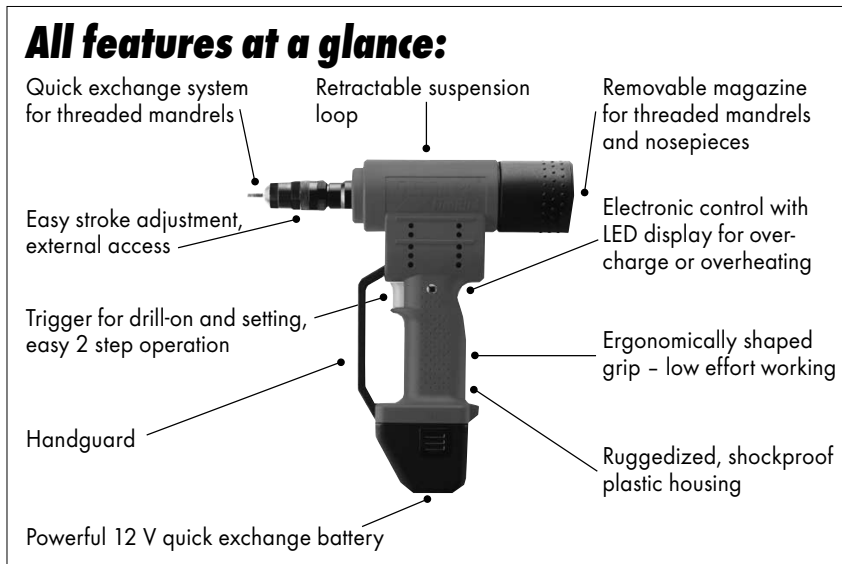
Threaded mandrels and nosepieces in special length or inch dimensions available on request

Equipment/Accessories:

- M6 threaded mandrel and nosepiece in working position
- 1 each M4 and M5 threaded mandrel and nosepiece in magazine
- Retractable suspension loop
- 1 quick battery charger
- 1 battery
- 1 wrench
- 1 Metall carrying case

Operating Manual with Spare Parts List

Part-Nº. 726 0032



CE-Conformity: Machinery Safety according to EEC Directive N°. 98/37 EEC

Colly
ETT FÖRETAG I INDUTRADE

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