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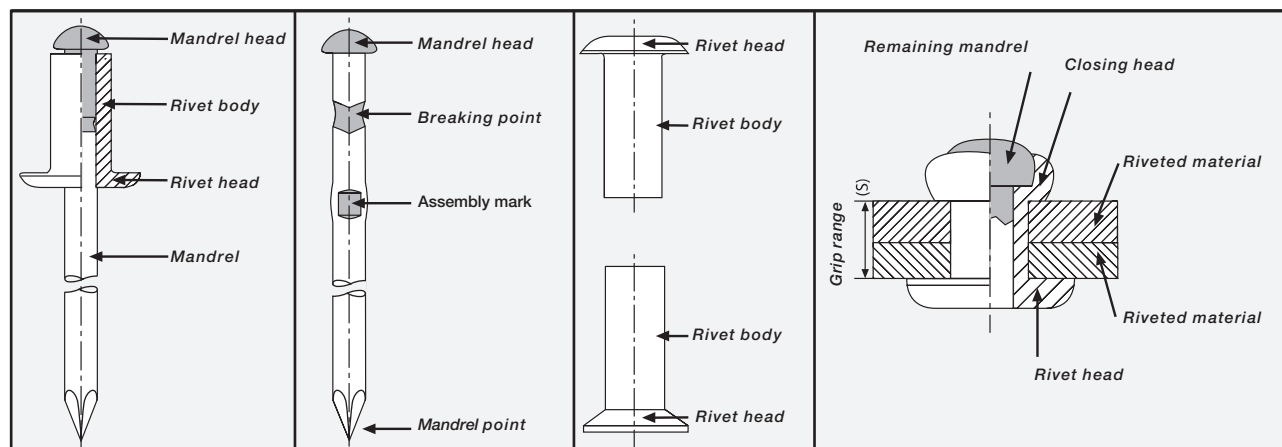
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无锡安士达五金有限公司

Technical explanations



Blind Rivets terminology

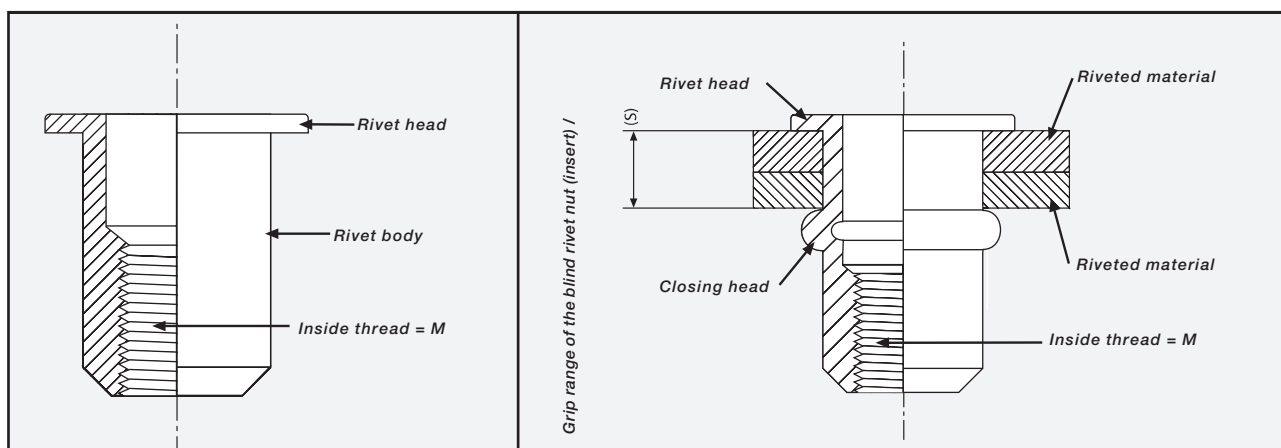


Piktogramme / Pictograms / Pictogrammes

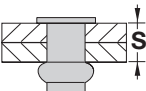
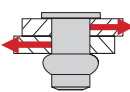
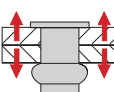
	Grip range of the rivet
	The named shearing strength (N = Newton) in this catalogue is the force of the mechanical breakdown of the rivet.
	The named tensile strength (N = Newton) in this catalogue is the force of the mechanical breakdown of the rivet.

(1 kp $\approx$ 10 N)

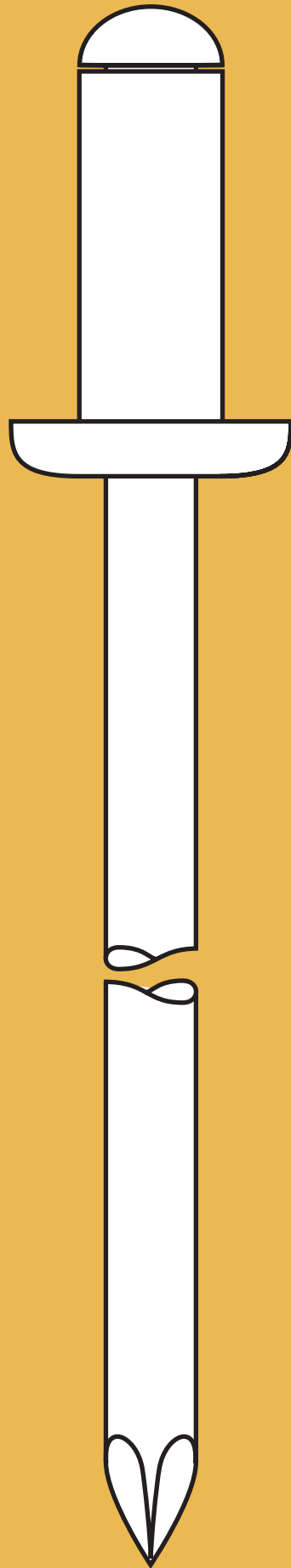
The blind rivet nut (insert)



Pictograms

	Grip range of the blind rivet nut (insert)
	The named shearing strength (N = Newton) in this catalogue is the force of the mechanical breakdown of the blind rivet nut (insert).
	The named tensile strength (N = Newton) in this catalogue is the force of the mechanical breakdown of the blind rivet nut (insert).
	Maximum torque data (Nm) up to the failure of the blind rivet nut (insert). The jiggering of the blind rivet nut (insert) is the failure.

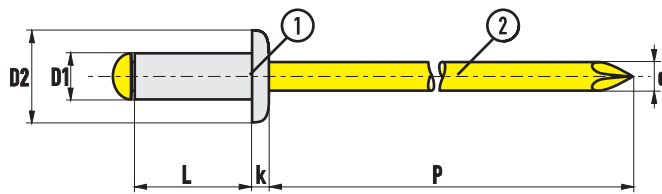
(1 kp $\approx$ 10 N)



Blind Rivets Domed Head



STANDARD



① Aluminium AlMg 3.5

② Steel zinc plated

AlMg1.5, AlMg2.5 available upon request

Ø 2,4 mm

$D1 = 2,4 + 0,08 / - 0,15 \text{ mm}$

$D2 = 5,0 + 0 / - 0,4 \text{ mm}$

$k = 0,8 + 0 / - 0,4 \text{ mm}$

$d = 1,37 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{tail length} = 2,5 \text{ mm}$

		CODE				
2,4 x 4 mm	0,5 - 2,0 mm	3ASD 24400	1000	300 N	500 N	
2,4 x 6 mm	2,0 - 4,0 mm	3ASD 24600	1000			
2,4 x 8 mm	4,0 - 6,0 mm	3ASD 24800	1000			
2,4 x 10 mm	6,0 - 8,0 mm	3ASD 24100	1000			
2,4 x 12 mm	8,0 - 9,5 mm	3ASD 24120	1000			

Ø 3,0 mm

$D1 = 3,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,70 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{tail length} = 3,1 \text{ mm}$

		CODE				
3,0 x 4 mm	0,5 - 1,5 mm	3ASD 30400	1000	500 N	800 N	
3,0 x 6 mm	1,5 - 3,5 mm	3ASD 30600	1000			
3,0 x 8 mm	3,5 - 5,0 mm	3ASD 30800	1000			
3,0 x 10 mm	5,0 - 7,0 mm	3ASD 30100	1000			
3,0 x 12 mm	7,0 - 9,0 mm	3ASD 30120	1000			
3,0 x 14 mm	9,0 - 11,0 mm	3ASD 30140	1000			
3,0 x 16 mm	11,0 - 13,0 mm	3ASD 30160	1000			
3,0 x 20 mm	13,0 - 16,0 mm	3ASD 30200	1000			
3,0 x 25 mm	16,0 - 21,0 mm	3ASD 30250	500			

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,75 \text{ mm}$

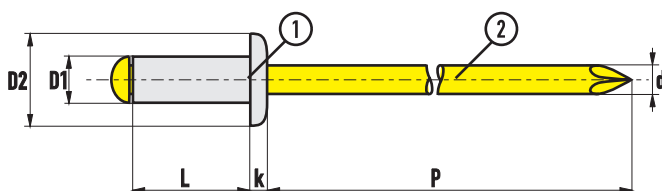
$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{tail length} = 3,3 \text{ mm}$

		CODE				
3,2 x 4 mm	0,5 - 1,5 mm	3ASD 32400	1000	760 N	980 N	
3,2 x 6 mm	1,5 - 3,5 mm	3ASD 32600	1000			
3,2 x 8 mm	3,5 - 5,0 mm	3ASD 32800	1000			
3,2 x 10 mm	5,0 - 7,0 mm	3ASD 32100	1000			
3,2 x 12 mm	7,0 - 9,0 mm	3ASD 32120	1000			
3,2 x 14 mm	9,0 - 11,0 mm	3ASD 32140	1000			
3,2 x 16 mm	11,0 - 13,0 mm	3ASD 32160	1000			
3,2 x 18 mm	12,0 - 14,0 mm	3ASD 32180	1000			
3,2 x 20 mm	14,0 - 16,0 mm	3ASD 32200	1000			
3,2 x 25 mm	16,0 - 21,0 mm	3ASD 32250	500			

Blind Rivets Domed Head



① Aluminium AlMg 3.5

② Steel zinc plated

AlMg1.5, AlMg2.5 available upon request

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				
4,0 x 6 mm	1,5 - 3,0 mm	3ASD 40600	1000	1200 N	1600 N	
4,0 x 8 mm	3,0 - 5,0 mm	3ASD 40800	1000			
4,0 x 10 mm	5,0 - 6,5 mm	3ASD 40100	1000			
4,0 x 12 mm	6,5 - 8,5 mm	3ASD 40120	1000			
4,0 x 14 mm	8,5 - 10,5 mm	3ASD 40140	500			
4,0 x 16 mm	10,5 - 12,5 mm	3ASD 40160	500			
4,0 x 18 mm	12,5 - 14,5 mm	3ASD 40180	500			
4,0 x 20 mm	14,5 - 16,5 mm	3ASD 40200	500			
4,0 x 23 mm	16,5 - 19,0 mm	3ASD 40230	500			
4,0 x 25 mm	19,0 - 21,0 mm	3ASD 40250	500			
4,0 x 30 mm	21,5 - 26,0 mm	3ASD 40300	500			
4,0 x 35 mm	26,0 - 30,0 mm	3ASD 40350	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

$k = 1,4 + 0 / - 0,4 \text{ mm}$

$d = 2,63 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

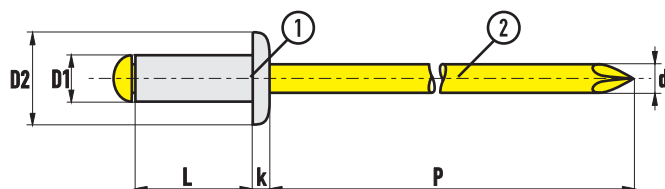
= 4,9 mm

		CODE				
4,8 x 6 mm	1,5 - 2,5 mm	3ASD 48600	500	1690 N	2230 N	
4,8 x 8 mm	2,5 - 4,0 mm	3ASD 48800	500			
4,8 x 10 mm	4,0 - 6,0 mm	3ASD 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	3ASD 48120	500			
4,8 x 14 mm	8,0 - 10,0 mm	3ASD 48140	500			
4,8 x 16 mm	10,0 - 12,0 mm	3ASD 48160	500			
4,8 x 18 mm	12,0 - 14,0 mm	3ASD 48180	500			
4,8 x 20 mm	12,0 - 15,0 mm	3ASD 48200	500			
4,8 x 22 mm	15,0 - 17,0 mm	3ASD 48220	500			
4,8 x 25 mm	18,0 - 20,0 mm	3ASD 48250	500			
4,8 x 28 mm	20,0 - 23 mm	3ASD 48280	250			
4,8 x 30 mm	20,0 - 25,0 mm	3ASD 48300	250			
4,8 x 35 mm	25,0 - 30,0 mm	3ASD 48350	250			
4,8 x 40 mm	30,0 - 35,0 mm	3ASD 48400	250			
4,8 x 45 mm	35,0 - 39,0 mm	3ASD 48450	100			
4,8 x 50 mm	40,0 - 44,0 mm	3ASD 48500	100			
4,8 x 55 mm	45,0 - 49,0 mm	3ASD 48550	100			
4,8 x 60 mm	50,0 - 54,0 mm	3ASD 48600	100			

Blind Rivets Domed Head



STANDARD



① Aluminium AlMg 3.5

② Steel zinc plated

AlMg1.5, AlMg2.5 available upon request

Ø 5,0 mm

D1 = 5,0 + 0,08 / - 0,15 mm

D2 = 9,5 + 0 / - 0,5 mm

k = 1,4 + 0 / - 0,4 mm

d = 2,63 mm

P ≥ 28 mm

L = +1 / - 0,2 mm

= 5,1 mm

		CODE				
5,0 x 6 mm	0,5 - 2,5 mm	3ASD 50600	500	2000 N	2500 N	
5,0 x 8 mm	2,5 - 4,0 mm	3ASD 50800	500			
5,0 x 10 mm	4,0 - 6,0 mm	3ASD 50100	500			
5,0 x 12 mm	6,0 - 8,0 mm	3ASD 50120	500			
5,0 x 14 mm	8,0 - 10,0 mm	3ASD 50140	500			
5,0 x 16 mm	10,0 - 12,0 mm	3ASD 50160	500			
5,0 x 18 mm	12,0 - 14,0 mm	3ASD 50180	500			
5,0 x 21 mm	13,0 - 15,0 mm	3ASD 50210	250			
5,0 x 25 mm	17,0 - 20,0 mm	3ASD 50250	250			
5,0 x 27 mm	20,0 - 22,0 mm	3ASD 50270	250			
5,0 x 30 mm	20,0 - 25,0 mm	3ASD 50300	250			
5,0 x 35 mm	25,0 - 30,0 mm	3ASD 50350	250			
5,0 x 40 mm	30,0 - 35,0 mm	3ASD 50400	250			
5,0 x 45 mm	35,0 - 39,0 mm	3ASD 50450	100			
5,0 x 50 mm	40,0 - 44,0 mm	3ASD 50500	100			

Ø 6,0 mm

D1 = 6,0 + 0,08 / - 0,15 mm

D2 = 12,0 + 0 / - 1,0 mm

k = 1,9 + 0 / - 0,6 mm

d = 3,19 mm

P ≥ 30 mm

L = +1 / - 0,2 mm

= 6,1 mm

		CODE				
6,0 x 8 mm	2,0 - 3,0 mm	3ASD 60800	250	3000 N	3900 N	
6,0 x 10 mm	3,0 - 5,0 mm	3ASD 60100	250			
6,0 x 12 mm	5,0 - 7,0 mm	3ASD 60120	250			
6,0 x 14 mm	7,0 - 9,0 mm	3ASD 60140	250			
6,0 x 16 mm	9,0 - 11,0 mm	3ASD 60160	250			
6,0 x 18 mm	11,0 - 13,0 mm	3ASD 60180	250			
6,0 x 22 mm	13,0 - 17,0 mm	3ASD 60220	250			
6,0 x 26 mm	17,0 - 20,0 mm	3ASD 60260	250			
6,0 x 30 mm	20,0 - 24,0 mm	3ASD 60300	250			

Ø 6,4 mm

D1 = 6,4 + 0,08 / - 0,15 mm

D2 = 13,0 + 0 / - 1,0 mm

k = 2,2 + 0 / - 0,6 mm

d = 3,65 mm

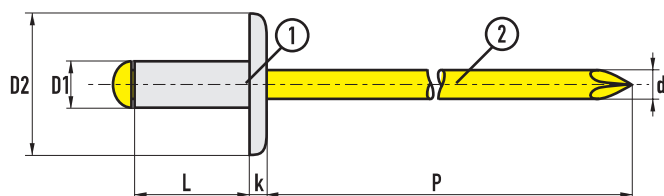
P ≥ 32 mm

L = +1 / - 0,2 mm

= 6,5 mm

		CODE				
6,4 x 10 mm	1,5 - 2,5 mm	3ASD 64100	250	3120 N	4090 N	
6,4 x 12 mm	4,0 - 6,0 mm	3ASD 64120	250			
6,4 x 15 mm	6,0 - 9,0 mm	3ASD 64150	250			
6,4 x 18 mm	9,0 - 12,0 mm	3ASD 64180	250			
6,4 x 22 mm	13,0 - 16,0 mm	3ASD 64220	250			
6,4 x 26 mm	16,0 - 19,0 mm	3ASD 64260	250			
6,4 x 30 mm	19,0 - 23,0 mm	3ASD 64300	250			
6,4 x 35 mm	23,0 - 28,0 mm	3ASD 64350	100			
6,4 x 40 mm	28,0 - 33,0 mm	3ASD 64400	100			

Blind Rivets Large Head



① Aluminium AlMg 3.5

② Steel zinc plated

AlMg2.5 available upon request

Ø 3,2 mm D2 = 9,5 mm

D1 = 3,2 + 0,08 / - 0,15 mm

D2 = 9,2 + / - 0,3 mm

k = 1,2 + / - 0,2 mm

d = 1,75 mm

P ≥ 26 mm

L = +1 / - 0,2 mm

= 3,3 mm

		CODE				
3,2 x 6 mm	1,0 - 3,5 mm	3ASL 32600	500	760 N	980 N	
3,2 x 8 mm	3,5 - 5,0 mm	3ASL 32800	500			
3,2 x 10 mm	5,0 - 7,0 mm	3ASL 32100	500			
3,2 x 12 mm	7,0 - 9,0 mm	3ASL 32120	500			
3,2 x 14 mm	9,0 - 11,0 mm	3ASL 32140	500			

Ø 4,0 mm D2 = 12,0 mm

D1 = 4,0 + 0,08 / - 0,15 mm

D2 = 11,7 + / - 0,3 mm

k = 1,5 + / - 0,2 mm

d = 2,1 mm

P ≥ 27 mm

L = +1 / - 0,2 mm

= 4,1 mm

		CODE				
4,0 x 6 mm	1,0 - 3,0 mm	3ASL 40600	500	1200 N	1600 N	
4,0 x 8 mm	3,0 - 5,0 mm	3ASL 40800	500			
4,0 x 10 mm	5,0 - 6,5 mm	3ASL 40100	500			
4,0 x 12 mm	6,5 - 8,5 mm	3ASL 40120	500			
4,0 x 14 mm	9,0 - 10,5 mm	3ASL 40140	500			
4,0 x 16 mm	10,5 - 12,5 mm	3ASL 40160	500			
4,0 x 18 mm	12,5 - 14,5 mm	3ASL 40180	500			
4,0 x 20 mm	14,5 - 16,5 mm	3ASL 40200	500			

Ø 4,8 mm D2 = 14,0 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 13,7 + / - 0,3 mm

k = 1,6 + / - 0,2 mm

d = 2,63 mm

P ≥ 28 mm

L = +1 / - 0,2 mm

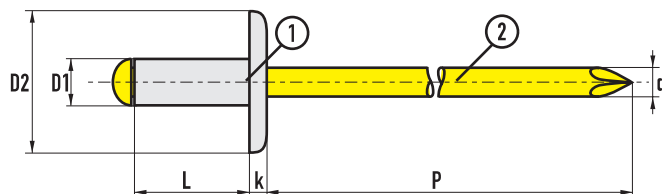
= 4,9 mm

		CODE				
4,8 x 8 mm	2,5 - 4,0 mm	3ASLB 48800	500	1690 N	2230 N	
4,8 x 10 mm	4,0 - 6,0 mm	3ASLB 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	3ASLB 48120	500			
4,8 x 14 mm	8,0 - 10,0 mm	3ASLB 48140	250			
4,8 x 16 mm	10,0 - 12,0 mm	3ASLB 48160	250			
4,8 x 18 mm	12,0 - 14,0 mm	3ASLB 48180	250			
4,8 x 20 mm	12,0 - 15,0 mm	3ASLB 48200	250			
4,8 x 22 mm	15,0 - 17,0 mm	3ASLB 48220	250			
4,8 x 24 mm	17,0 - 19,0 mm	3ASLB 48240	250			
4,8 x 26 mm	19,0 - 21 mm	3ASLB 48260	250			
4,8 x 28 mm	21,0 - 23,0 mm	3ASLB 48280	250			
4,8 x 30 mm	23,0 - 25,0 mm	3ASLB 48300	250			
4,8 x 35 mm	25,0 - 30,0 mm	3ASLB 48350	250			

Blind Rivets Large Head



STANDARD



① Aluminium AlMg 3.5

② Steel zinc plated

AlMg2.5 available upon request

Ø 4,8 mm D2 = 16,0 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 15,7 + / - 0,3 mm

k = 1,8+/-0,2 mm

d = 2,63 mm

P = ≥ 28 mm

L = +1 / -0,2 mm

= 4,9 mm

		CODE				
4,8 x 10 mm	4,0 - 6,0 mm	3ASLA 48100	250	1690 N	2230 N	
4,8 x 12 mm	6,0 - 8,0 mm	3ASLA 48120	250			
4,8 x 14 mm	8,0 - 10,0 mm	3ASLA 48140	250			
4,8 x 16 mm	10,0 - 12,0 mm	3ASLA 48160	250			
4,8 x 18 mm	12,0 - 14,0 mm	3ASLA 48180	250			
4,8 x 20 mm	12,0 - 15,0 mm	3ASLA 48200	250			
4,8 x 22 mm	15,0 - 17,0 mm	3ASLA 48220	250			
4,8 x 24 mm	17,0 - 19,0 mm	3ASLA 48240	250			
4,8 x 26 mm	19,0 - 21,0 mm	3ASLA 48250	250			
4,8 x 28 mm	21,0 - 23,0 mm	3ASLA 48280	250			
4,8 x 30 mm	23,0 - 25,0 mm	3ASLA 48030	250			
4,8 x 35 mm	25,0 - 30,0 mm	3ASLA 48350	250			

Ø 5,0 mm D2 = 14,0 mm

D1 = 5,0 + 0,08 / - 0,15 mm

D2 = 13,7 + / - 0,3 mm

k = 1,6+/-0,2 mm

d = 2,63 mm

P = ≥ 28 mm

L = +1 / -0,2 mm

= 5,1 mm

		CODE				
5,0 x 8 mm	2,5 - 4,0 mm	3ASLB 50800	250	2000 N	2500 N	
5,0 x 10 mm	4,0 - 6,0 mm	3ASLB 50100	250			
5,0 x 12 mm	6,0 - 8,0 mm	3ASLB 50120	250			
5,0 x 14 mm	8,0 - 10,0 mm	3ASLB 50140	250			
5,0 x 16 mm	10,0 - 12,0 mm	3ASLB 50160	250			
5,0 x 18 mm	12,0 - 14,0 mm	3ASLB 50180	250			
5,0 x 21 mm	14,0 - 16,0 mm	3ASLB 50210	250			
5,0 x 24 mm	16,0 - 19,0 mm	3ASLB 50240	250			
5,0 x 27 mm	20,0 - 22,0 mm	3ASLB 50270	250			
5,0 x 30 mm	20,0 - 25,0 mm	3ASLB 50300	250			

Ø 5,0 mm D2 = 16,0 mm

D1 = 5,0 + 0,08 / - 0,15 mm

D2 = 15,7 + / - 0,3 mm

k = 1,8+/-0,2 mm

d = 2,63 mm

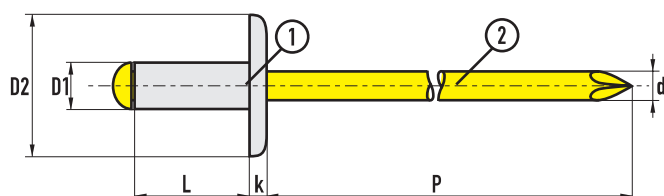
P = ≥ 28 mm

L = +1 / -0,2 mm

= 5,1 mm

		CODE				
5,0 x 10 mm	4,0 - 6,0 mm	3ASLA 50100	250	2000 N	2500 N	
5,0 x 12 mm	6,0 - 8,0 mm	3ASLA 50120	250			
5,0 x 14 mm	8,0 - 10,0 mm	3ASLA 50140	250			
5,0 x 16 mm	10,0 - 12,0 mm	3ASLA 50160	250			
5,0 x 18 mm	12,0 - 14,0 mm	3ASLA 50180	250			
5,0 x 21 mm	14,0 - 16,0 mm	3ASLA 50210	250			
5,0 x 24 mm	16,0 - 19,0 mm	3ASLA 50240	250			
5,0 x 27 mm	20,0 - 22,0 mm	3ASLA 50270	250			
5,0 x 30 mm	20,0 - 25,0 mm	3ASLA 50300	250			

Blind Rivets Large Head



① Aluminium AlMg 3.5

② Steel zinc plated

AlMg2.5 available upon request

Ø 4,8 mm D2 = 11,0 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 10,7 + / - 0,3 mm

k = 1,4 + / - 0,2 mm

d = 2,63 mm

P = ≥ 28 mm

L = +1 / - 0,2 mm

= 4,9 mm

		CODE				
4,8 x 8 mm	2,0 - 4,0 mm	3ASLC 48800	500	1690 N	2230 N	
4,8 x 10 mm	4,0 - 6,0 mm	3ASLC 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	3ASLC 48120	500			
4,8 x 14 mm	8,0 - 10,0 mm	3ASLC 48140	250			
4,8 x 16 mm	10,0 - 12,0 mm	3ASLC 48160	250			
4,8 x 18 mm	12,0 - 14,0 mm	3ASLC 48180	250			
4,8 x 20 mm	12,0 - 15,0 mm	3ASLC 48200	250			

Ø 5,0 mm D2 = 11,0 mm

D1 = 5,0 + 0,08 / - 0,15 mm

D2 = 10,7 + / - 0,3 mm

k = 1,4 + / - 0,2 mm

d = 2,63 mm

P = ≥ 28 mm

L = +1 / - 0,2 mm

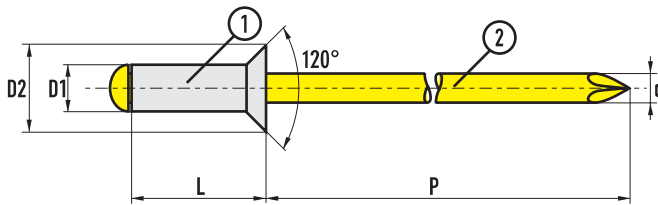
= 5,1 mm

		CODE				
5,0 x 8 mm	2,0 - 4,0 mm	3ASLC 50800	500	2000 N	2500 N	
5,0 x 10 mm	4,0 - 6,0 mm	3ASLC 50100	500			
5,0 x 12 mm	6,0 - 8,0 mm	3ASLC 50120	500			
5,0 x 14 mm	8,0 - 10,0 mm	3ASLC 50140	250			
5,0 x 16 mm	8,0 - 11,5 mm	3ASLC 50160	250			
5,0 x 18 mm	10,0 - 12,5 mm	3ASLC 50180	250			
5,0 x 20 mm	12,0 - 15,0 mm	3ASLC 50200	250			
5,0 x 25 mm	15,0 - 20,0 mm	3ASLC 50250	250			
5,0 x 30 mm	20,0 - 25,0 mm	3ASLC 50300	250			

Blind Rivets Countersunk Head



STANDARD



① Aluminium AlMg 3.5

② Steel zinc plated

AlMg1.5, AlMg2.5 available upon request

Ø 2.4 mm

D1 = 2.4 + 0.08 / - 0.15 mm

D2 = 4.8 + 0.2 / - 0.3 mm

k = -

d = 1.37 mm

P ≥ 26 mm

L = +1 / - 0.2 mm

= 2.5 mm

		CODE				
2,4 x 6 mm	2,0 - 4,0 mm	3ASK 24600	1000	300 N	500 N	
2,4 x 8 mm	4,0 - 6,0 mm	3ASK 24800	1000			
2,4 x 10 mm	6,0 - 8,0 mm	3ASK 24100	1000			

Ø 3.0 mm

D1 = 3.0 + 0.08 / - 0.15 mm

D2 = 6.0 + 0 / - 0.5 mm

k = -

d = 1.70 mm

P ≥ 26 mm

L = +1 / - 0.2 mm

= 3.1 mm

		CODE				
3,0 x 6 mm	2,0 - 3,5 mm	3ASK 30600	1000	500 N	800 N	
3,0 x 8 mm	3,5 - 5,0 mm	3ASK 30800	1000			
3,0 x 10 mm	5,0 - 7,0 mm	3ASK 30100	1000			
3,0 x 12 mm	7,0 - 9,0 mm	3ASK 30120	1000			
3,0 x 14 mm	9,0 - 12,0 mm	3ASK 30140	1000			

Ø 3.2 mm

D1 = 3.2 + 0.08 / - 0.15 mm

D2 = 6.0 + 0 / - 0.5 mm

k = -

d = 1.75 mm

P ≥ 26 mm

L = +1 / - 0.2 mm

= 3.3 mm

		CODE				
3,2 x 6 mm	2,0 - 3,5 mm	3ASK 32600	1000	760 N	980 N	
3,2 x 8 mm	3,5 - 5,0 mm	3ASK 32800	1000			
3,2 x 10 mm	5,0 - 7,0 mm	3ASK 32100	1000			
3,2 x 12 mm	7,0 - 9,0 mm	3ASK 32120	1000			
3,2 x 14 mm	9,0 - 10,5 mm	3ASK 32140	1000			
3,2 x 16 mm	10,5 - 13,0 mm	3ASK 32160	1000			

Ø 4.0 mm

D1 = 4.0 + 0.08 / - 0.15 mm

D2 = 7.5 + 0 / - 0.5 mm

k = -

d = 2.15 mm

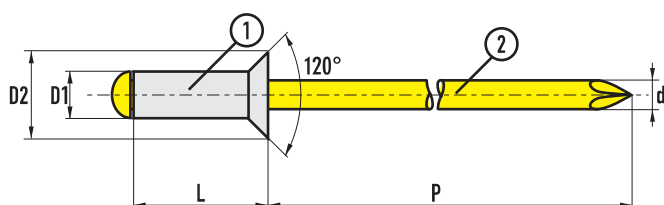
P ≥ 27 mm

L = +1 / - 0.2 mm

= 4.1 mm

		CODE				
4,0 x 6 mm	1,5 - 3,0 mm	3ASK 40600	1000	1200 N	1600 N	
4,0 x 8 mm	3,0 - 5,0 mm	3ASK 40800	1000			
4,0 x 10 mm	5,0 - 6,5 mm	3ASK 40100	1000			
4,0 x 12 mm	6,5 - 8,5 mm	3ASK 40120	1000			
4,0 x 14 mm	8,5 - 10,5 mm	3ASK 40140	500			
4,0 x 16 mm	10,5 - 12,5 mm	3ASK 40160	500			
4,0 x 18 mm	12,5 - 14,5 mm	3ASK 40180	500			
4,0 x 20 mm	14,5 - 16,5 mm	3ASK 40200	500			

Blind Rivets Countersunk Head



① Aluminium AlMg 3.5

② Steel zinc plated

AlMg1.5, AlMg2.5 available upon request

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

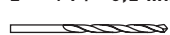
$D2 = 9,0 + 0 / - 0,5 \text{ mm}$

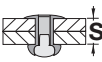
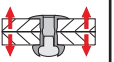
$k = -$

$d = 2,63 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / -0,2 \text{ mm}$

 = 4,9 mm

						
4,8 x 6 mm	1,0 - 3,5 mm	3ASK 48600	500	1690	2230	
4,8 x 8 mm	2,0 - 4,0 mm	3ASK 48800	500			
4,8 x 10 mm	4,0 - 6,0 mm	3ASK 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	3ASK 48120	500			
4,8 x 14 mm	8,0 - 10,0 mm	3ASK 48140	500			
4,8 x 16 mm	10,0 - 12,0 mm	3ASK 48160	500			
4,8 x 18 mm	12,0 - 14,0 mm	3ASK 48180	500			
4,8 x 20 mm	12,0 - 15,0 mm	3ASK 48200	500			
4,8 x 25 mm	15,0 - 20,0 mm	3ASK 48250	500			
4,8 x 30 mm	20,0 - 25,0 mm	3ASK 48300	250			
4,8 x 35 mm	25,0 - 30,0 mm	3ASK 48350	250			

Ø 5,0 mm

$D1 = 5,0 + 0,08 / - 0,15 \text{ mm}$

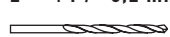
$D2 = 9,0 + 0 / - 0,5 \text{ mm}$

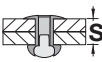
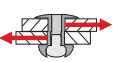
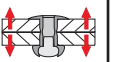
$k = -$

$d = 2,7 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / -0,2 \text{ mm}$

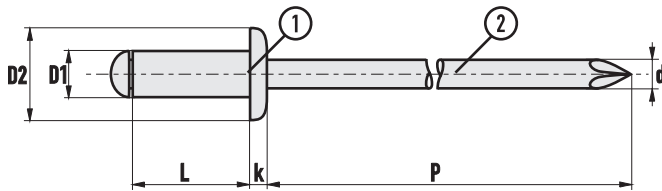
 = 5,1 mm

						
5,0 x 8 mm	2,5 - 4,5 mm	3ASK 50800	500	2000 N	2500 N	
5,0 x 10 mm	4,5 - 6,0 mm	3ASK 50100	500			
5,0 x 12 mm	6,0 - 8,0 mm	3ASK 50120	500			
5,0 x 14 mm	8,0 - 10,0 mm	3ASK 50140	500			
5,0 x 16 mm	10,0 - 12,0 mm	3ASK 50160	500			
5,0 x 18 mm	12,0 - 14,0 mm	3ASK 50180	500			
5,0 x 20 mm	12,0 - 15,0 mm	3ASK 50200	500			
5,0 x 25 mm	15,0 - 20,0 mm	3ASK 50250	250			
5,0 x 30 mm	20,0 - 25,0 mm	3ASK 50300	250			

Blind Rivets Domed Head



STANDARD



① Aluminium AlMg 2,5

② Aluminium alloy

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,5 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,95 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = + 1 / - 0,2 \text{ mm}$

$\text{Tail length} = 3,3 \text{ mm}$

		CODE				
3,2 x 6 mm	1,5 - 3,5 mm	AAD 32600	1000	500 N	700 N	
3,2 x 8 mm	3,5 - 5,0 mm	AAD 32800	1000			
3,2 x 10 mm	5,0 - 7,0 mm	AAD 32100	1000			
3,2 x 12 mm	7,0 - 8,5 mm	AAD 32120	1000			
3,2 x 14 mm	8,5 - 10,5 mm	AAD 32140	1000			
3,2 x 16 mm	10,5 - 13,0 mm	AAD 32160	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,2 + 0 / - 0,4 \text{ mm}$

$d = 2,43 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = + 1 / - 0,2 \text{ mm}$

$\text{Tail length} = 4,1 \text{ mm}$

		CODE				
4,0 x 6 mm	1,5 - 3,5 mm	AAD 40600	1000	850 N	1200 N	
4,0 x 8 mm	3,5 - 5,0 mm	AAD 40800	1000			
4,0 x 10 mm	5,0 - 6,5 mm	AAD 40100	1000			
4,0 x 12 mm	6,5 - 8,5 mm	AAD 40120	1000			
4,0 x 14 mm	8,5 - 10,5 mm	AAD 40140	500			
4,0 x 16 mm	10,5 - 12,5 mm	AAD 40160	500			
4,0 x 18 mm	12,5 - 14,5 mm	AAD 40180	500			
4,0 x 20 mm	14,5 - 16,5 mm	AAD 40200	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,9 \text{ mm}$

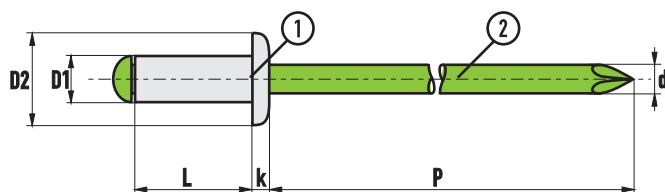
$P \geq 28 \text{ mm}$

$L = + 1 / - 0,2 \text{ mm}$

$\text{Tail length} = 4,9 \text{ mm}$

		CODE				
4,8 x 8 mm	3,0 - 4,5 mm	AAD 48800	500	1200 N	1700 N	
4,8 x 10 mm	4,5 - 6,0 mm	AAD 48100	500			
4,8 x 12 mm	6,0 - 7,5 mm	AAD 48120	500			
4,8 x 14 mm	7,5 - 9,0 mm	AAD 48140	500			
4,8 x 16 mm	9,0 - 11,5 mm	AAD 48160	500			
4,8 x 18 mm	11,5 - 13,0 mm	AAD 48180	500			
4,8 x 20 mm	13,0 - 15,0 mm	AAD 48200	500			
4,8 x 25 mm	15,0 - 20,0 mm	AAD 48250	500			
4,8 x 30 mm	20,0 - 25,0 mm	AAD 48300	250			
4,8 x 35 mm	25,0 - 30,0 mm	AAD 48350	250			

Blind Rivets Domed Head



① Aluminium AIMg 3.5 /5.0

② Stainless steel A2 [AISI 304]

Ø 3,0 mm

$D1 = 3,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,70 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,1 mm

		CODE				
3,0 x 6 mm	1,5 - 3,5 mm	3ABD 30600	1000	500 N	800 N	
3,0 x 8 mm	3,5 - 5,5 mm	3ABD 30800	1000			
3,0 x 10 mm	5,5 - 7,0 mm	3ABD 30100	1000			
3,0 x 12 mm	7,0 - 9,0 mm	3ABD 30120	1000			
3,0 x 14 mm	9,0 - 11,0 mm	3ABD 30140	1000			
3,0 x 16 mm	11,0 - 13,0 mm	3ABD 30160	1000			

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				
3,2 x 6 mm	1,5 - 3,5 mm	3ABD 32600	1000	760 N	980 N	
3,2 x 8 mm	3,5 - 5,0 mm	3ABD 32800	1000			
3,2 x 10 mm	5,0 - 7,0 mm	3ABD 32100	1000			
3,2 x 12 mm	7,0 - 9,0 mm	3ABD 32120	1000			
3,2 x 14 mm	9,0 - 11,0 mm	3ABD 32140	1000			
3,2 x 16 mm	11,0 - 13,0 mm	3ABD 32160	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

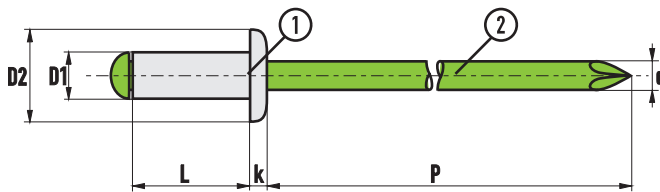
= 4,1 mm

		CODE				
4,0 x 6 mm	1,5 - 3,0 mm	3ABD 40600	1000	1200 N	1600 N	
4,0 x 8 mm	3,0 - 5,0 mm	3ABD 40800	1000			
4,0 x 10 mm	5,0 - 7,0 mm	3ABD 40100	1000			
4,0 x 12 mm	7,0 - 9,0 mm	3ABD 40120	1000			
4,0 x 14 mm	9,0 - 11,0 mm	3ABD 40140	500			
4,0 x 16 mm	10,0 - 12,5 mm	3ABD 40160	500			
4,0 x 18 mm	12,5 - 14,5 mm	3ABD 40180	500			
4,0 x 20 mm	12,5 - 16,5 mm	3ABD 40200	500			

Blind Rivets Domed Head



STANDARD



- ① Aluminium AIMg 3.5 /5.0
② Stainless steel A2 [AISI 304]

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$
 $D2 = 9,5 + 0 / - 0,5 \text{ mm}$
 $k = 1,4 + 0 / - 0,4 \text{ mm}$
 $d = 2,63 \text{ mm}$
 $P \geq 28 \text{ mm}$
 $L = +1 / - 0,2 \text{ mm}$
 = 4,9 mm

		CODE				
4,8 x 8 mm	2,5 - 4,0 mm	3ABD 48800	500	1690 N	2230 N	
4,8 x 10 mm	4,0 - 6,0 mm	3ABD 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	3ABD 48120	500			
4,8 x 14 mm	8,0 - 10,0 mm	3ABD 48140	500			
4,8 x 16 mm	10,0 - 12,0 mm	3ABD 48160	500			
4,8 x 18 mm	12,0 - 14,0 mm	3ABD 48180	500			
4,8 x 20 mm	12,0 - 15,0 mm	3ABD 48200	500			
4,8 x 25 mm	15,0 - 20,0 mm	3ABD 48250	250			
4,8 x 30 mm	20,0 - 25,0 mm	3ABD 48300	250			

Ø 5,0 mm

$D1 = 5,0 + 0,08 / - 0,15 \text{ mm}$
 $D2 = 9,5 + 0 / - 0,5 \text{ mm}$
 $k = 1,4 + 0 / - 0,4 \text{ mm}$
 $d = 2,63 \text{ mm}$
 $P \geq 28 \text{ mm}$
 $L = +1 / - 0,2 \text{ mm}$
 = 5,1 mm

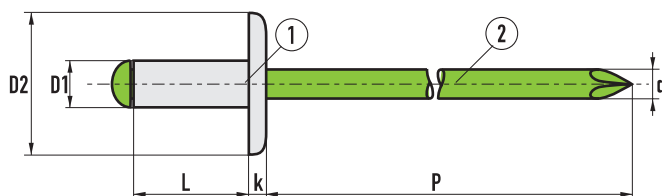
		CODE				
5,0 x 8 mm	2,5 - 4,0 mm	3ABD 50800	500	2000 N	2500 N	
5,0 x 10 mm	4,0 - 6,0 mm	3ABD 50100	500			
5,0 x 12 mm	6,0 - 8,0 mm	3ABD 50120	500			
5,0 x 14 mm	8,0 - 10,0 mm	3ABD 50140	500			
5,0 x 16 mm	10,0 - 12,0 mm	3ABD 50160	500			
5,0 x 18 mm	12,0 - 14,0 mm	3ABD 50180	500			
5,0 x 20 mm	12,0 - 15,0 mm	3ABD 50200	500			
5,0 x 25 mm	15,0 - 20,0 mm	3ABD 50250	250			
5,0 x 30 mm	20,0 - 25,0 mm	3ABD 50300	250			

Ø 6,0 mm

$D1 = 6,0 + 0,08 / - 0,15 \text{ mm}$
 $D2 = 12,0 + 0 / - 1,0 \text{ mm}$
 $k = 1,9 + 0 / - 0,6 \text{ mm}$
 $d = 3,19 \text{ mm}$
 $P \geq 31 \text{ mm}$
 $L = +1 / - 0,2 \text{ mm}$
 = 6,1 mm

		CODE				
6,0 x 8 mm	2,0 - 3,0 mm	3ABD 60800	250	3000 N	3900 N	
6,0 x 10 mm	3,0 - 5,0 mm	3ABD 60100	250			
6,0 x 12 mm	5,0 - 7,0 mm	3ABD 60120	250			

Blind Rivets Large Head



① Aluminium AIMg 3.5 /5.0

② Stainless steel A2 [AISI 304]

Ø 5,0 mm D2 = 14,0 mm

D1 = 5,0 + 0,08 / - 0,15 mm

D2 = 13,7 + / - 0,3 mm

k = 1,6 + / - 0,2 mm

d = 2,63 mm

P ≥ 28 mm

L = +1/-0,2 mm

= 5,1 mm

		CODE				
5,0 x 8 mm	2,5 - 4,0 mm	3ABLB 50800	500	2000 N	2500 N	
5,0 x 10 mm	4,0 - 6,0 mm	3ABLB 50100	500			
5,0 x 12 mm	6,0 - 8,0 mm	3ABLB 50120	500			
5,0 x 14 mm	7,5 - 10,0 mm	3ABLB 50140	250			
5,0 x 16 mm	9,5 - 12,0 mm	3ABLB 50160	250			
5,0 x 18 mm	11,5 - 13,5 mm	3ABLB 50180	250			
5,0 x 20 mm	13,0 - 15,0 mm	3ABLB 50200	250			
5,0 x 25 mm	15,0 - 20,0 mm	3ABLB 50250	250			
5,0 x 30 mm	20,0 - 25,0 mm	3ABLB 50300	250			

Ø 5,0 mm D2 = 16,0 mm

D1 = 5,0 + 0,08 / - 0,15 mm

D2 = 15,7 + / - 0,3 mm

k = 1,8 + / - 0,2 mm

d = 2,63 mm

P ≥ 28 mm

L = +1/-0,2 mm

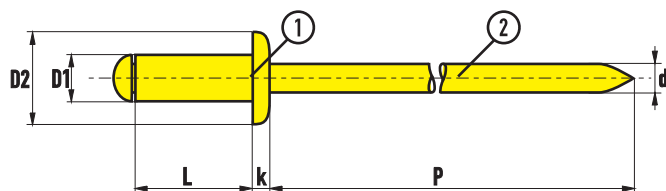
= 5,1 mm

		CODE				
5,0 x 8 mm	2,5 - 4,0 mm	3ABLA 50800	250	2000 N	2500 N	
5,0 x 10 mm	4,0 - 6,0 mm	3ABLA 50100	250			
5,0 x 12 mm	6,0 - 8,0 mm	3ABLA 50120	250			
5,0 x 14 mm	7,5 - 10,0 mm	3ABLA 50140	250			
5,0 x 16 mm	9,5 - 12,0 mm	3ABLA 50160	250			
5,0 x 18 mm	11,5 - 13,5 mm	3ABLA 50180	250			
5,0 x 20 mm	13,0 - 15,0 mm	3ABLA 50200	250			
5,0 x 25 mm	15,0 - 20,0 mm	3ABLA 50250	250			
5,0 x 30 mm	20,0 - 25,0 mm	3ABLA 50300	250			

Blind Rivets Domed Head



STANDARD



① Steel zinc plated

② Steel zinc plated

Ø 3,0 mm

$D1 = 3,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,1 mm

		CODE				
3,0 x 5 mm	0,5 - 1,5 mm	SSD 30500	1000	950 N	1100 N	
3,0 x 6 mm	1,5 - 3,0 mm	SSD 30600	1000			
3,0 x 8 mm	3,0 - 5,0 mm	SSD 30800	1000			
3,0 x 10 mm	5,0 - 6,5 mm	SSD 30100	1000			
3,0 x 12 mm	6,5 - 8,0 mm	SSD 30120	1000			
3,0 x 14 mm	8,0 - 10,0 mm	SSD 30140	1000			
3,0 x 16 mm	10,0 - 12,0 mm	SSD 30160	1000			
3,0 x 18 mm	12,0 - 14,0 mm	SSD 30180	1000			
3,0 x 20 mm	15,0 - 17,0 mm	SSD 30200	500			

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,92 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				
3,2 x 5 mm	0,5 - 1,5 mm	SSD 32500	1000	1100 N	1200 N	
3,2 x 6 mm	1,5 - 3,0 mm	SSD 32600	1000			
3,2 x 8 mm	3,0 - 5,0 mm	SSD 32800	1000			
3,2 x 10 mm	5,0 - 6,5 mm	SSD 32100	1000			
3,2 x 12 mm	6,5 - 8,0 mm	SSD 32120	1000			
3,2 x 14 mm	8,0 - 10,0 mm	SSD 32140	1000			
3,2 x 16 mm	10,0 - 12,0 mm	SSD 32160	1000			
3,2 x 18 mm	12,0 - 14,0 mm	SSD 32180	1000			
3,2 x 20 mm	14,0 - 16,0 mm	SSD 32200	500			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,35 \text{ mm}$

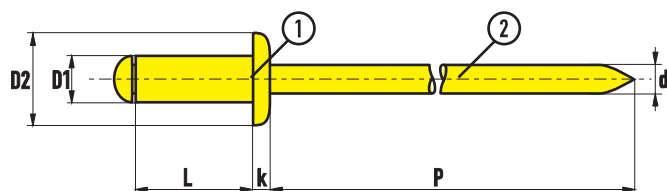
$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				
4,0 x 6 mm	1,5 - 2,5	SSD 40600	1000	1700 N	2200 N	
4,0 x 8 mm	2,5 - 4,5	SSD 40800	1000			
4,0 x 10 mm	4,5 - 6,5	SSD 40100	1000			
4,0 x 12 mm	6,5 - 8,5	SSD 40120	1000			
4,0 x 14 mm	8,5 - 10,5	SSD 40140	500			
4,0 x 16 mm	10,5 - 12,5	SSD 40160	500			
4,0 x 18 mm	12,5 - 14,0	SSD 40180	500			
4,0 x 20 mm	14,0 - 16,0	SSD 40200	500			
4,0 x 22 mm	16,0 - 18,0	SSD 40220	500			
4,0 x 24 mm	18,0 - 20,0	SSD 40240	500			
4,0 x 25 mm	19,0 - 21,0	SSD 40250	500			
4,0 x 26 mm	20,0 - 22,0	SSD 40260	500			
4,0 x 30 mm	20,0 - 25,0	SSD 40300	500			

Blind Rivets Domed Head



① Steel zinc plated

② Steel zinc plated

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

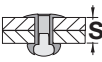
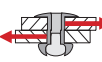
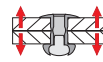
$k = 1,4 + 0 / - 0,4 \text{ mm}$

$d = 2,9 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 4,9 \text{ mm}$

		CODE				100  = €
4,8 x 6 mm	1,0 - 2,5 mm	SSD 48060	500	2900 N	3100 N	
4,8 x 8 mm	2,5 - 4,0 mm	SSD 48080	500			
4,8 x 10 mm	4,0 - 6,0 mm	SSD 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	SSD 48120	500			
4,8 x 14 mm	8,0 - 10,0 mm	SSD 48140	500			
4,8 x 16 mm	9,0 - 11,0 mm	SSD 48160	500			
4,8 x 18 mm	11,0 - 13,0 mm	SSD 48180	500			
4,8 x 20 mm	13,0 - 15,0 mm	SSD 48200	500			
4,8 x 22 mm	15,0 - 17,0 mm	SSD 48220	500			
4,8 x 25 mm	17,0 - 20,0 mm	SSD 48250	250			
4,8 x 30 mm	20,0 - 25,0 mm	SSD 48300	250			

Ø 5,0 mm

$D1 = 5,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

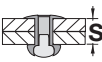
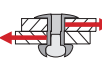
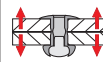
$k = 1,4 + 0 / - 0,4 \text{ mm}$

$d = 2,9 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

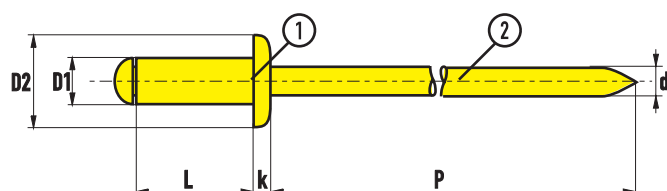
$\text{---} = 5,1 \text{ mm}$

		CODE				100  = €
5,0 x 10 mm	4,0 - 6,0 mm	SSD 50100	500	3100 N	4000 N	
5,0 x 12 mm	6,0 - 8,0 mm	SSD 50120	500			
5,0 x 14 mm	8,0 - 10,0 mm	SSD 50140	500			
5,0 x 16 mm	9,0 - 11,0 mm	SSD 50160	500			
5,0 x 18 mm	11,0 - 13,0 mm	SSD 50180	500			
5,0 x 20 mm	13,0 - 15,0 mm	SSD 50200	500			
5,0 x 22 mm	15,0 - 17,0 mm	SSD 50220	500			
5,0 x 25 mm	17,0 - 20,0 mm	SSD 50250	250			
5,0 x 30 mm	20,0 - 25,0 mm	SSD 50300	250			

Blind Rivets Domed Head



STANDARD



- ① Steel zinc plated
② Steel zinc plated

Ø 6,0 mm

D1 = 6,0 + 0,08 / - 0,15 mm

D2 = 12,0 + 0 / - 1,0 mm

k = 1,9 + 0 / - 0,6 mm

d = 3,65 mm

P ≥ 30 mm

L = +1 / - 0,2 mm

= 6,1 mm

		CODE				100 = €
6,0 x 10 mm	3,0 - 4,0 mm	SSD 60100	250	4300 N	4800 N	
6,0 x 12 mm	4,0 - 6,0 mm	SSD 60120	250			
6,0 x 15 mm	6,0 - 9,0 mm	SSD 60150	250			
6,0 x 18 mm	9,0 - 12,0 mm	SSD 60180	250			
6,0 x 22 mm	12,0 - 16,0 mm	SSD 60220	250			
6,0 x 26 mm	16,0 - 20,0 mm	SSD 60260	250			
6,0 x 30 mm	19,0 - 23,5 mm	SSD 60300	250			

Ø 6,4 mm

D1 = 6,4 + 0,08 / - 0,15 mm

D2 = 13,0 + 0 / - 1,0 mm

k = 2,2 + 0 / - 0,6 mm

d = 3,8 mm

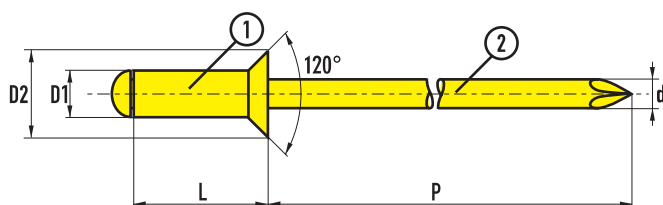
P ≥ 32 mm

L = +1 / - 0,2 mm

= 6,5 mm

		CODE				100 = €
6,4 x 8 mm	1,0 - 2,0 mm	SSD 64800	250	4900 N	5700 N	
6,4 x 10 mm	3,0 - 4,0 mm	SSD 64100	250			
6,4 x 12 mm	4,0 - 6,0 mm	SSD 64120	250			
6,4 x 15 mm	6,0 - 9,0 mm	SSD 64150	250			
6,4 x 18 mm	9,0 - 12,0 mm	SSD 64180	250			
6,4 x 22 mm	12,0 - 15,0 mm	SSD 64220	250			
6,4 x 26 mm	16,0 - 20,0 mm	SSD 64260	250			
6,4 x 30 mm	20,0 - 23,0 mm	SSD 64300	250			

Blind Rivets Countersunk Head



① Steel zinc plated

② Steel zinc plated

Ø 3,0 mm

$D1 = 3,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,0 + 0 / - 0,5 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,1 mm

		CODE				100 = €
3,0 x 6 mm	1,5 - 3,0 mm	SSK 30600	1000	950 N	1100 N	
3,0 x 8 mm	3,0 - 5,0 mm	SSK 30800	1000			
3,0 x 10 mm	5,0 - 6,5 mm	SSK 30100	1000			
3,0 x 12 mm	6,5 - 8,0 mm	SSK 30120	1000			

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,0 + 0 / - 0,5 \text{ mm}$

$d = 1,92 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 6 mm	1,5 - 3,0 mm	SSK 32600	1000	1100 N	1200 N	
3,2 x 8 mm	3,0 - 5,0 mm	SSK 32800	1000			
3,2 x 10 mm	5,0 - 6,5 mm	SSK 32100	1000			
3,2 x 12 mm	6,5 - 8,0 mm	SSK 32120	1000			
3,2 x 14 mm	8,0 - 10,0 mm	SSK 32140	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 7,5 + 0 / - 0,5 \text{ mm}$

$d = 2,35 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 6 mm	2,0 - 3,0 mm	SSK 40600	1000	1700 N	2200 N	
4,0 x 8 mm	2,5 - 4,5 mm	SSK 40800	1000			
4,0 x 10 mm	4,5 - 6,5 mm	SSK 40100	1000			
4,0 x 12 mm	6,5 - 8,0 mm	SSK 40120	1000			
4,0 x 14 mm	8,0 - 10,0 mm	SSK 40140	500			
4,0 x 16 mm	10,0 - 12,0 mm	SSK 40160	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,0 + 0 / - 0,5 \text{ mm}$

$d = 2,9 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

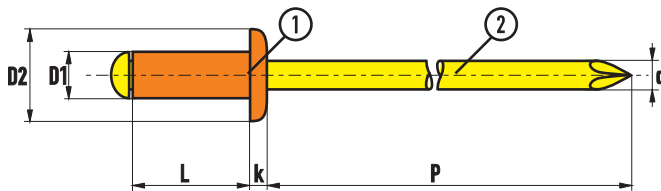
= 4,9 mm

		CODE				100 = €
4,8 x 8 mm	2,5 - 4,0 mm	SSK 48800	500	2900 N	3100 N	
4,8 x 10 mm	4,0 - 6,0 mm	SSK 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	SSK 48121	500			
4,8 x 14 mm	8,0 - 10,0 mm	SSK 48141	500			
4,8 x 16 mm	10,0 - 12,0 mm	SSK 48160	500			
4,8 x 18 mm	11,5 - 13,5 mm	SSK 48180	500			
4,8 x 20 mm	13,5 - 15,0 mm	SSK 48200	500			
4,8 x 22 mm	15,0 - 17,0 mm	SSK 48220	500			

Blind Rivets Domed Head



STANDARD



① Copper alloy

② Steel zinc plated

Steel brass plated available upon request

Ø 3,0 mm

$D1 = 3,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,70 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 3,1 \text{ mm}$

		CODE				100 = €
3,0 x 5 mm	0,5 - 2,0 mm	CSD 30500	1000	760 N	950 N	
3,0 x 6 mm	2,0 - 3,0 mm	CSD 30600	1000			
3,0 x 8 mm	3,0 - 5,0 mm	CSD 30800	1000			
3,0 x 10 mm	5,0 - 7,0 mm	CSD 30100	1000			
3,0 x 12 mm	7,0 - 9,0 mm	CSD 30120	1000			

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 3,3 \text{ mm}$

		CODE				100 = €
3,2 x 6 mm	2,0 - 3,0 mm	CSD 32600	1000	800 N	1000 N	
3,2 x 8 mm	3,0 - 5,0 mm	CSD 32800	1000			
3,2 x 10 mm	5,0 - 7,0 mm	CSD 32100	1000			
3,2 x 12 mm	7,0 - 9,0 mm	CSD 32120	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 4,1 \text{ mm}$

		CODE				100 = €
4,0 x 6 mm	2,0 - 3,0 mm	CSD 40600	1000	1500 N	1800 N	
4,0 x 8 mm	2,0 - 4,0 mm	CSD 40800	1000			
4,0 x 10 mm	4,0 - 6,0 mm	CSD 40100	1000			
4,0 x 12 mm	6,0 - 8,0 mm	CSD 40120	1000			
4,0 x 14 mm	8,0 - 10,0 mm	CSD 40140	500			
4,0 x 16 mm	10,0 - 12,0 mm	CSD 40160	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

$k = 1,4 + 0 / - 0,4 \text{ mm}$

$d = 2,63 \text{ mm}$

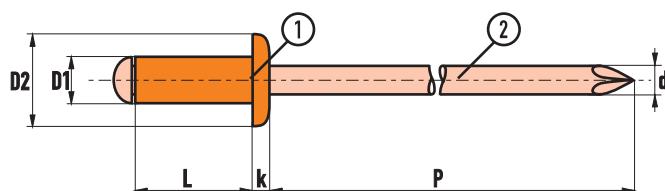
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 4,9 \text{ mm}$

		CODE				100 = €
4,8 x 8 mm	1,5 - 3,5 mm	CSD 48800	500	2000 N	2500 N	
4,8 x 10 mm	3,5 - 5,5 mm	CSD 48100	500			
4,8 x 12 mm	5,5 - 7,5 mm	CSD 48120	500			
4,8 x 14 mm	7,5 - 9,5 mm	CSD 48140	500			
4,8 x 16 mm	9,5 - 11,5 mm	CSD 48160	500			
4,8 x 18 mm	11,5 - 13,5 mm	CSD 48180	500			
4,8 x 20 mm	13,5 - 15,0 mm	CSD 48200	500			

Blind Rivets Domed Head



① Copper alloy

② Bronze

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

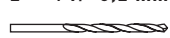
$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

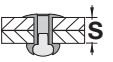
$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,95 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

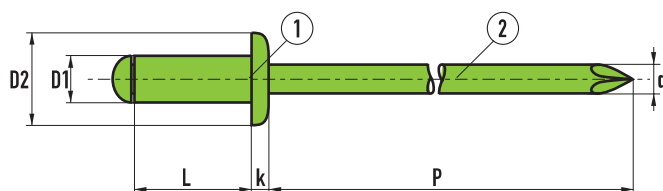
 = 3,3 mm

		CODE				100  = €
3,2 x 5 mm	0,5 - 2,0 mm	CBD 32502	1000	800 N	1000 N	
3,2 x 6 mm	2,0 - 3,0 mm	CBD 32602	1000			
3,2 x 8 mm	3,0 - 5,0 mm	CBD 32702	1000			
3,2 x 9 mm	4,0 - 6,0 mm	CBD 32902	1000			
3,2 x 10 mm	5,0 - 7,0 mm	CBD 32102	1000			
3,2 x 12 mm	7,0 - 9,0 mm	CBD 32122	1000			

Blind Rivets Domed Head



STANDARD



① Stainless steel A2 [AISI 304cu]

② Stainless steel A2 [AISI 304]

Ø 3,0 mm

$D1 = 3,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 3,1 \text{ mm}$

		CODE				100 = €
3,0 x 6 mm	1,0 - 3,0 mm	2BBD 30600	1000	1800 N	2200 N	
3,0 x 8 mm	3,0 - 5,0 mm	2BBD 30800	1000			
3,0 x 10 mm	5,0 - 6,5 mm	2BBD 30100	1000			
3,0 x 12 mm	6,5 - 8,5 mm	2BBD 30120	1000			
3,0 x 16 mm	10,5 - 12,5 mm	2BBD 30160	1000			

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,95 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 3,3 \text{ mm}$

		CODE				100 = €
3,2 x 6 mm	1,0 - 3,0 mm	2BBD 32600	1000	1900 N	2500 N	
3,2 x 8 mm	3,0 - 5,0 mm	2BBD 32800	1000			
3,2 x 10 mm	5,0 - 6,5 mm	2BBD 32100	1000			
3,2 x 12 mm	6,5 - 8,5 mm	2BBD 32120	1000			
3,2 x 14 mm	8,5 - 10,5 mm	2BBD 32140	1000			
3,2 x 16 mm	10,5 - 12,5 mm	2BBD 32160	1000			
3,2 x 18 mm	12,5 - 14,5 mm	2BBD 32180	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,45 \text{ mm}$

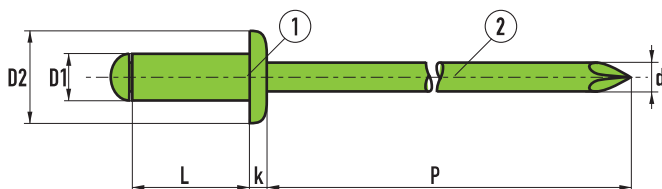
$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 4,1 \text{ mm}$

		CODE				100 = €
4,0 x 6 mm	1,0 - 2,5 mm	2BBD 40600	1000	2700 N	3500 N	
4,0 x 8 mm	2,5 - 4,5 mm	2BBD 40800	1000			
4,0 x 10 mm	4,5 - 6,5 mm	2BBD 40100	1000			
4,0 x 12 mm	6,5 - 8,5 mm	2BBD 40120	500			
4,0 x 14 mm	8,5 - 10,0 mm	2BBD 40140	500			
4,0 x 16 mm	10,0 - 12,0 mm	2BBD 40160	500			
4,0 x 18 mm	12,0 - 14,0 mm	2BBD 40180	500			
4,0 x 20 mm	14,0 - 16,0 mm	2BBD 40200	500			

Blind Rivets Domed Head



① Stainless steel A2 [AISI 304 cu]

② Stainless steel A2 [AISI 304]

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

$k = 1,4 + 0 / - 0,4 \text{ mm}$

$d = 2,85 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

		CODE				100 = €
4,8 x 8 mm	2,0 - 4,0 mm	2BBD 48800	500	4000 N	5000 N	
4,8 x 10 mm	4,0 - 6,0 mm	2BBD 48101	500			
4,8 x 12 mm	6,0 - 8,0 mm	2BBD 48120	500			
4,8 x 14 mm	8,0 - 9,5 mm	2BBD 48140	500			
4,8 x 16 mm	9,5 - 11,0 mm	2BBD 48160	500			
4,8 x 18 mm	11,0 - 13,0 mm	2BBD 48180	500			
4,8 x 20 mm	13,0 - 15,0 mm	2BBD 48200	500			
4,8 x 22 mm	15,0 - 17,0 mm	2BBD 48220	500			
4,8 x 25 mm	16,0 - 19,0 mm	2BBD 48250	250			
4,8 x 27 mm	18,0 - 21,0 mm	2BBD 48270	250			
4,8 x 30 mm	21,0 - 24,0 mm	2BBD 48300	250			
4,8 x 40 mm	25,0 - 34,0 mm	2BBD 48400	250			

Ø 5,0 mm

$D1 = 5,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

$k = 1,4 + 0 / - 0,4 \text{ mm}$

$d = 2,85 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 5,1 mm

		CODE				100 = €
5,0 x 8 mm	2,0 - 4,0 mm	2BBD 50800	500	4700 N	5800 N	
5,0 x 10 mm	4,0 - 6,0 mm	2BBD 50100	500			
5,0 x 12 mm	6,0 - 8,0 mm	2BBD 50120	500			
5,0 x 14 mm	8,0 - 10,0 mm	2BBD 50140	500			
5,0 x 16 mm	9,5 - 11,0 mm	2BBD 50160	500			
5,0 x 18 mm	11,0 - 13,0 mm	2BBD 50180	500			
5,0 x 20 mm	13,0 - 15,0 mm	2BBD 50200	500			

Ø 6,0 mm

$D1 = 6,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 12,0 + 0 / - 1,0 \text{ mm}$

$k = 2,0 + 0 / - 0,6 \text{ mm}$

$d = 3,8 \text{ mm}$

$P \geq 30 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

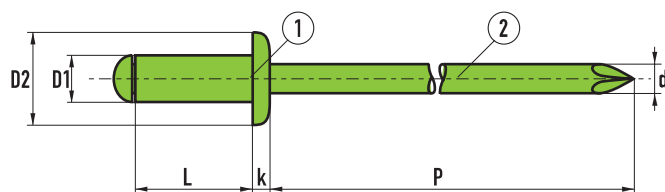
= 6,1 mm

		CODE				100 = €
6,0 x 10 mm	2,0 - 4,0 mm	2BBD 60100	250	6500 N	8830 N	
6,0 x 12 mm	4,0 - 6,0 mm	2BBD 60120	250			
6,0 x 15 mm	6,0 - 9,0 mm	2BBD 60150	250			
6,0 x 18 mm	9,0 - 12,0 mm	2BBD 60180	250			
6,0 x 20 mm	10,0 - 14,0 mm	2BBD 60200	250			
6,0 x 22 mm	12,0 - 16,0 mm	2BBD 60220	250			
6,0 x 25 mm	15,0 - 19,0 mm	2BBD 60250	250			

Blind Rivets Domed Head



STANDARD



① Stainless steel A2 [AISI 304cu]

② Stainless steel A2 [AISI 304]

Ø 6,4 mm

$D1 = 6,4 + 0,08 / - 0,15 \text{ mm}$

$D2 = 13,0 + 0 / - 1,0 \text{ mm}$

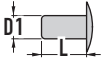
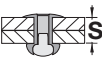
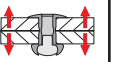
$k = 2,2 + 0 / - 0,6 \text{ mm}$

$d = 3,85 \text{ mm}$

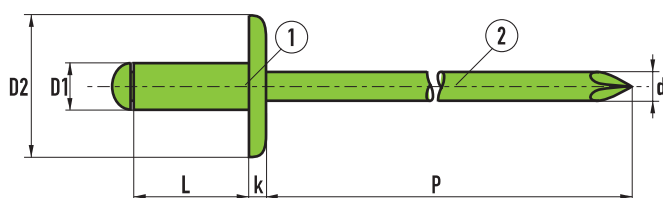
$P = \geq 32 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 6,5 \text{ mm}$

		 CODE				100  = €
6,4 x 10 mm	2,0 - 4,5 mm	2BBD 64100	250	7500 N	9300 N	
6,4 x 12 mm	4,5 - 6,0 mm	2BBD 64120	250			
6,4 x 15 mm	6,0 - 9,0 mm	2BBD 64150	250			
6,4 x 18 mm	9,0 - 12,0 mm	2BBD 64180	250			
6,4 x 20 mm	12,0 - 14,0 mm	2BBD 64200	250			
6,4 x 25 mm	14,0 - 18,0 mm	2BBD 64250	250			

Blind Rivets Large Head



① Stainless steel A2 [AISI 304cu]

② Stainless steel A2 [AISI 304]

Ø 3,2 mm D2 = 9,5 mm

D1 = 3,2 + 0,08 / - 0,15 mm

D2 = 9,2 + / - 0,3 mm

k = 1,2 + / - 0,2 mm

d = 1,95 mm

P = ≥ 26 mm

L = +1/-0,2 mm

= 3,3 mm

		CODE				100 = €
3,2 x 6 mm	1,0 - 3,0 mm	2BBL 32600	500	1900 N	2500 N	
3,2 x 8 mm	3,0 - 5,0 mm	2BBL 32800	500			
3,2 x 10 mm	5,0 - 6,5 mm	2BBL 32100	500			
3,2 x 12 mm	6,5 - 8,5 mm	2BBL 32120	500			
3,2 x 14 mm	8,5 - 10,5 mm	2BBL 32140	500			

Ø 4,0 mm D2 = 12,0 mm

D1 = 4,0 + 0,08 / - 0,15 mm

D2 = 11,7 + / - 0,3 mm

k = 1,5 + / - 0,2 mm

d = 2,45 mm

P = ≥ 27 mm

L = +1/-0,2 mm

= 4,1 mm

		CODE				100 = €
4,0 x 6 mm	1,0 - 2,5 mm	2BBL 40600	500	2700 N	3500 N	
4,0 x 8 mm	2,5 - 4,5 mm	2BBL 40800	500			
4,0 x 10 mm	4,5 - 6,5 mm	2BBL 40100	500			
4,0 x 13 mm	7,5 - 9,5 mm	2BBL 40130	500			
4,0 x 16 mm	10,0 - 12,0 mm	2BBL 40160	500			

Ø 4,8 mm D2 = 14 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 13,7 + / - 0,3 mm

k = 1,6 + / - 0,2 mm

d = 2,85 mm

P = ≥ 28 mm

L = +1/-0,2 mm

= 4,9 mm

		CODE				100 = €
4,8 x 8 mm	2,0 - 4,0 mm	2BBLB 48800	500	4000 N	5000 N	
4,8 x 10 mm	4,0 - 6,0 mm	2BBLB 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	2BBLB 48120	500			
4,8 x 14 mm	8,0 - 9,5 mm	2BBLB 48140	250			
4,8 x 16 mm	9,5 - 11,0 mm	2BBLB 48160	250			
4,8 x 20 mm	13,0 - 15,0 mm	2BBLB 48200	250			
4,8 x 25 mm	16,0 - 19,0 mm	2BBLB 48250	250			

Ø 4,8 mm D2 = 16 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 15,7 + / - 0,3 mm

k = 1,8 + / - 0,2 mm

d = 2,85 mm

P = ≥ 28 mm

L = +1/-0,2 mm

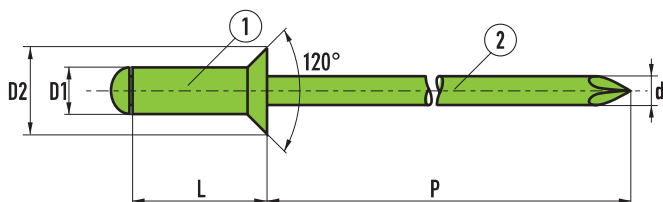
= 4,9 mm

		CODE				100 = €
4,8 x 10,5 mm	4,5 - 6,5 mm	2BBLA 48100	250	4000 N	5000 N	
4,8 x 13,5 mm	7,5 - 9,5 mm	2BBLA 48135	250			
4,8 x 17,2 mm	9,0 - 12,0 mm	2BBLA 48172	250			
4,8 x 20,5 mm	13,5 - 15,5 mm	2BBLA 48205	250			
4,8 x 23,5 mm	15,5 - 18,5 mm	2BBLA 48235	250			

Blind Rivets Countersunk Head



STANDARD



① Stainless steel A2 [AISI 304cu]

② Stainless steel A2 [AISI 304]

Ø 3,0 mm

$D1 = 3,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,0 + 0 / - 0,5 \text{ mm}$

$k = -$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,1 mm

		CODE				100 = €
3,0 x 6 mm	1,5 - 3,0 mm	2BBK 30600	1000	1800 N	2200 N	
3,0 x 8 mm	3,0 - 5,0 mm	2BBK 30800	1000			
3,0 x 10 mm	5,0 - 6,5 mm	2BBK 30100	1000			
3,0 x 12 mm	6,5 - 8,5 mm	2BBK 30120	1000			

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,0 + 0 / - 0,5 \text{ mm}$

$k = -$

$d = 1,95 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 6 mm	1,5 - 3,0 mm	2BBK 32600	1000	1900 N	2500 N	
3,2 x 8 mm	3,0 - 5,0 mm	2BBK 32800	1000			
3,2 x 10 mm	5,0 - 6,5 mm	2BBK 32100	1000			
3,2 x 12 mm	6,5 - 8,5 mm	2BBK 32120	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 7,5 + 0 / - 0,5 \text{ mm}$

$k = -$

$d = 2,45 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 6 mm	1,0 - 2,5 mm	2BBK 40600	1000	2700 N	3500 N	
4,0 x 8 mm	2,5 - 4,5 mm	2BBK 40800	1000			
4,0 x 10 mm	4,5 - 6,5 mm	2BBK 40100	1000			
4,0 x 12 mm	6,5 - 8,5 mm	2BBK 40120	500			
4,0 x 14 mm	8,5 - 10,0 mm	2BBK 40140	500			
4,0 x 16 mm	10,0 - 12,0 mm	2BBK 40160	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,0 + 0 / - 0,5 \text{ mm}$

$k = -$

$d = 2,85 \text{ mm}$

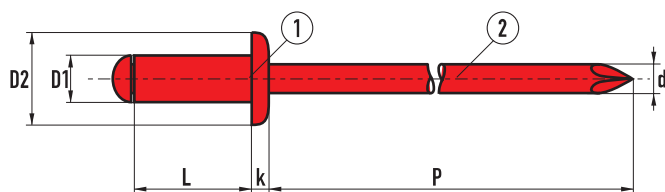
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

		CODE				100 = €
4,8 x 8 mm	2,5 - 4,0 mm	2BBK 48800	500	4000 N	5000 N	
4,8 x 10 mm	4,0 - 6,0 mm	2BBK 48101	500			
4,8 x 12 mm	6,0 - 8,0 mm	2BBK 48120	500			
4,8 x 14 mm	8,0 - 9,5 mm	2BBK 48140	500			
4,8 x 16 mm	9,5 - 11,0 mm	2BBK 48160	500			
4,8 x 18 mm	11,0 - 13,0 mm	2BBK 48180	500			
4,8 x 21 mm	14,0 - 16,0 mm	2BBK 48210	500			
4,8 x 25 mm	16,0 - 19,0 mm	2BBK 48250	250			

Blind Rivets Domed Head



① Stainless steel A4 [AISI 316]

② Stainless steel A4 [AISI 316 Ti]

Ø 3,0 mm

$D1 = 3,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,1 mm

		CODE				100 = €
3,0 x 6 mm	1,0 - 3,0 mm	4BBD 30600	1000	1800 N	2200 N	
3,0 x 8 mm	3,0 - 5,0 mm	4BBD 30800	1000			
3,0 x 10 mm	5,0 - 6,5 mm	4BBD 30100	1000			

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,95 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 6 mm	1,0 - 3,0 mm	4BBD 32600	1000	1900 N	2500 N	
3,2 x 8 mm	3,0 - 5,0 mm	4BBD 32800	1000			
3,2 x 10 mm	5,0 - 6,5 mm	4BBD 32100	1000			
3,2 x 12 mm	6,5 - 8,5 mm	4BBD 32120	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,45 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 6 mm	1,0 - 2,5 mm	4BBD 40600	1000	2700 N	3500 N	
4,0 x 8 mm	2,5 - 4,5 mm	4BBD 40800	1000			
4,0 x 10 mm	4,5 - 6,5 mm	4BBD 40100	1000			
4,0 x 13 mm	6,5 - 9,5 mm	4BBD 40130	500			
4,0 x 16 mm	10,0 - 12,0 mm	4BBD 40160	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

$k = 1,4 + 0 / - 0,4 \text{ mm}$

$d = 2,85 \text{ mm}$

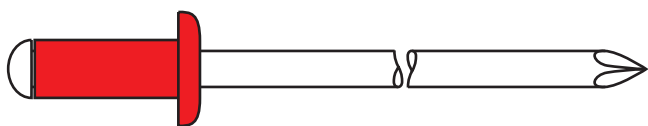
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

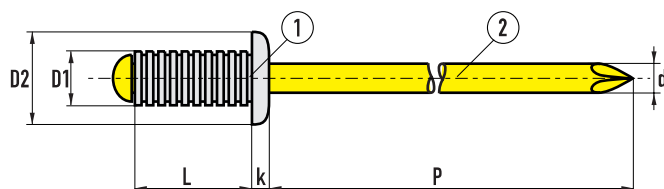
		CODE				100 = €
4,8 x 8 mm	2,0 - 4,0 mm	4BBD 48800	500	4000 N	5000 N	
4,8 x 10 mm	4,0 - 6,0 mm	4BBD 48100	500			
4,8 x 12 mm	6,0 - 8,0 mm	4BBD 48120	500			
4,8 x 14 mm	8,0 - 9,5 mm	4BBD 48140	500			
4,8 x 16 mm	9,5 - 11,0 mm	4BBD 48160	500			
4,8 x 18 mm	11,0 - 13,0 mm	4BBD 48180	500			

Coloured Blind Rivets (RAL-colours)



Almost every type of rivet listed here could be painted according RAL Index or coloured sample.

Grooved Blind Rivets Domed Head



① Aluminium AIMg 2,5

② Steel zinc plated

Ø 3,2 mm

$D1 = 3,2 + 0,35 / - 0 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{Groove width} = 3,4 \text{ mm}$

						100 = €
3,2 x 10,0 mm	max. 6,0 mm	ASD 32100 GR	1000	525 N	930 N	
3,2 x 14,0 mm	max. 10,0 mm	ASD 32140 GR	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,35 / - 0 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{Groove width} = 4,3 \text{ mm}$

						100 = €
4,0 x 8,0 mm	max. 4,0 mm	ASD 40800 GR	1000	885 N	1410 N	
4,0 x 10,0 mm	max. 6,0 mm	ASD 40100 GR	1000			
4,0 x 12,0 mm	max. 8,0 mm	ASD 40120 GR	1000			
4,0 x 16,0 mm	max. 12,0 mm	ASD 40160 GR	500			

Ø 4,8 mm

$D1 = 4,8 + 0,35 / - 0 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

$k = 1,4 + 0 / - 0,4$

$d = 2,65 \text{ mm}$

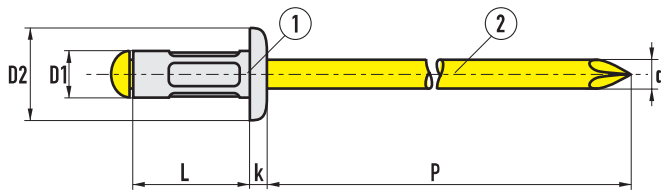
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{Groove width} = 5,1 \text{ mm}$

						100 = €
4,8 x 8,0 mm	max. 4,0 mm	ASD 48800 GR	500	1185 N	1575 N	
4,8 x 10,0 mm	max. 6,0 mm	ASD 48100 GR	500			
4,8 x 11,0 mm	max. 7,0 mm	ASD 48110 GR	500			
4,8 x 12,0 mm	max. 8,0 mm	ASD 48120 GR	500			
4,8 x 14,0 mm	max. 10,0 mm	ASD 48140 GR	500			
4,8 x 16,0 mm	max. 12,0 mm	ASD 48160 GR	500			
4,8 x 18,0 mm	max. 14,0 mm	ASD 48180 GR	500			
4,8 x 20,0 mm	max. 16,0 mm	ASD 48200 GR	500			
4,8 x 25,0 mm	max. 20,0 mm	ASD 48250 GR	500			
4,8 x 30,0 mm	max. 25,0 mm	ASD 48300 GR	250			

Multigrip Blind Rivets Domed Head



① Aluminium AIMg 2,5

② Steel zinc plated

Color body available upon request

Ø 3,0 mm

D1 = 3,0 + 0,08 / - 0,15 mm

D2 = 6,3 + 0 / - 0,5 mm

k = 1,0 + 0 / - 0,4 mm

d = 1,7 mm

P ≥ 26 mm

L = +1 / - 0,2 mm

= 3.1~3.2mm

		CODE				100 = €
3,0 x 6 mm	1,0 - 3,5 mm	ASD 30600 MG	1000	400 N	550 N	
3,0 x 8 mm	1,0 - 5,0 mm	ASD 30800 MG	1000			
3,0 x 10 mm	2,5 - 7,0 mm	ASD 30100 MG	1000			
3,0 x 12 mm	4,5 - 9,0 mm	ASD 30120 MG	1000			

Ø 3,2 mm

D1 = 3,2 + 0,08 / - 0,15 mm

D2 = 6,3 + 0 / - 0,5 mm

k = 1,0 + 0 / - 0,4 mm

d = 1,75 mm

P ≥ 26 mm

L = +1 / - 0,2 mm

= 3.3~3.4mm

		CODE				100 = €
3,2 x 6 mm	1,0 - 3,5 mm	ASD 32600 MG	1000	500 N	700 N	
3,2 x 8 mm	1,0 - 5,0 mm	ASD 32800 MG	1000			
3,2 x 10 mm	2,5 - 7,0 mm	ASD 32100 MG	1000			
3,2 x 12 mm	4,5 - 9,0 mm	ASD 32120 MG	1000			
3,2 x 14 mm	6,5 - 11,0 mm	ASD 32140 MG	1000			
3,2 x 16 mm	8,5 - 12,5 mm	ASD 32160 MG	1000			

Ø 4,0 mm

D1 = 4,0 + 0,08 / - 0,15 mm

D2 = 8,0 + 0 / - 0,5 mm

k = 1,3 + 0 / - 0,4 mm

d = 2,15 mm

P ≥ 27 mm

L = +1 / - 0,2 mm

= 4.1~4.2mm

		CODE				100 = €
4,0 x 6 mm	1,0 - 2,5 mm	ASD 40600 MG	1000	850 N	1200 N	
4,0 x 8 mm	1,0 - 4,5 mm	ASD 40800 MG	1000			
4,0 x 10 mm	1,5 - 6,5 mm	ASD 40100 MG	1000			
4,0 x 12 mm	3,5 - 8,5 mm	ASD 40120 MG	1000			
4,0 x 14 mm	5,5 - 10,5 mm	ASD 40140 MG	500			
4,0 x 16 mm	7,5 - 12,5 mm	ASD 40160 MG	500			
4,0 x 18 mm	9,5 - 14,0 mm	ASD 40180 MG	500			
4,0 x 20 mm	11,5 - 16,0 mm	ASD 40200 MG	500			

Ø 4,8 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 9,6 + 0 / - 0,6 mm

k = 1,5 + 0 / - 0,6 mm

d = 2,63 mm

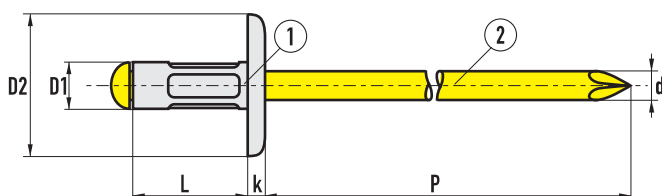
P ≥ 28 mm

L = +1 / - 0,2 mm

= 4.9~5.0mm

		CODE				100 = €
4,8 x 10 mm	1,0 - 6,0 mm	ASD 48100 MG	500	1200 N	1700 N	
4,8 x 12 mm	2,0 - 8,0 mm	ASD 48120 MG	500			
4,8 x 14 mm	4,0 - 10,0 mm	ASD 48140 MG	500			
4,8 x 16 mm	6,0 - 12,0 mm	ASD 48160 MG	500			
4,8 x 18 mm	8,0 - 14,0 mm	ASD 48180 MG	500			
4,8 x 20 mm	10,0 - 15,0 mm	ASD 48200 MG	500			
4,8 x 22 mm	12,0 - 17,0 mm	ASD 48220 MG	500			
4,8 x 25 mm	12,5 - 20,0 mm	ASD 48240 MG	500			
4,8 x 27 mm	17,0 - 23,0 mm	ASD 48270 MG	250			
4,8 x 30 mm	20,0 - 25,0 mm	ASD 48300 MG	250			

Multigrip Blind Rivets Large Head



① Aluminium AIMg 2,5

② Steel zinc plated

Color body available upon request

Ø 3,2 mm D2 = 9,5 mm

D1 = 3,2 + 0,08 / - 0,15 mm

D2 = 9,2 + / - 0,3 mm

k = 1,2 + 0 / - 0,2 mm

d = 1,75 mm

P = ≥ 26 mm

L = +1/-0,2 mm

= 3.3~3.4mm

		CODE				100 = €
3,2 x 8 mm	1,0 - 5,0 mm	ASL32800 MG	500	500 N	700 N	
3,2 x 10 mm	2,5 - 7,0 mm	ASL32100 MG	500			
3,2 x 12 mm	4,5 - 9,0 mm	ASL32120 MG	500			
3,2 x 14 mm	6,5 - 11,0 mm	ASL32140 MG	500			
3,2 x 16 mm	8,5 - 12,5 mm	ASL32160 MG	500			

Ø 4,0 mm D2 = 12,0 mm

D1 = 4,0 + 0,08 / - 0,15 mm

D2 = 11,7 + / - 0,3 mm

k = 1,5 + / - 0,2 mm

d = 2,15 mm

P = ≥ 27 mm

L = +1/-0,2 mm

= 4.1~4.2mm

		CODE				100 = €
4,0 x 8 mm	1,0 - 4,5 mm	ASL 40800 MG	500	850 N	1200 N	
4,0 x 10 mm	1,5 - 6,5 mm	ASL 40100 MG	500			
4,0 x 12 mm	3,5 - 8,5 mm	ASL 40120 MG	500			
4,0 x 14 mm	5,5 - 10,5 mm	ASL 40140 MG	500			
4,0 x 16 mm	6,0 - 12,5 mm	ASL 40160 MG	500			
4,0 x 18 mm	9,5 - 14,0 mm	ASL 40180 MG	500			
4,0 x 20 mm	11,5 - 16,0 mm	ASL 40200 MG	500			

Ø 4,8 mm D2 = 14,0 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 13,7 + / - 0,3 mm

k = 1,6 + / - 0,2 mm

d = 2,63 mm

P = ≥ 28 mm

L = +1/-0,2 mm

= 4.9~5.0mm

		CODE				100 = €
4,8 x 10 mm	1,0 - 6,0 mm	ASL48100 MG	500	1200 N	1700 N	
4,8 x 12 mm	2,0 - 8,0 mm	ASL48120 MG	500			
4,8 x 14 mm	4,0 - 10,0 mm	ASL48140 MG	250			
4,8 x 16 mm	6,0 - 12,0 mm	ASL48160 MG	250			
4,8 x 18 mm	8,0 - 14,0 mm	ASL48180 MG	250			
4,8 x 20 mm	10,0 - 16,0 mm	ASL48200 MG	250			

Ø 4,8 mm D2 = 16,0 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 15,7 + / - 0,3 mm

k = 1,8 + / - 0,2 mm

d = 2,63 mm

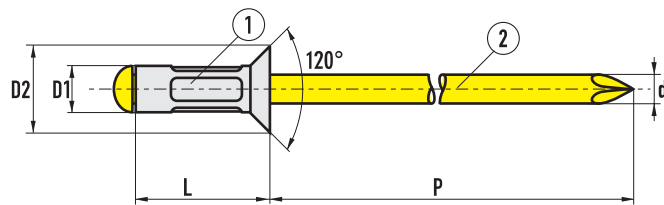
P = ≥ 28 mm

L = +1/-0,2 mm

= 4.9~5.0mm

		CODE				100 = €
4,8 x 10 mm	1,0 - 6,0 mm	ASL48100 MG	250	1200 N	1700 N	
4,8 x 12 mm	2,0 - 8,0 mm	ASL48120 MG	250			
4,8 x 14 mm	4,0 - 10,0 mm	ASL48140 MG	250			
4,8 x 16 mm	6,0 - 12,0 mm	ASL 48160 MG	250			
4,8 x 18 mm	8,0 - 13,0 mm	ASL 48180 MG	250			
4,8 x 20 mm	10,0 - 15,0 mm	ASL48200 MG	250			
4,8 x 22 mm	12,0 - 17,0 mm	ASL48220 MG	250			
4,8 x 25 mm	15,0 - 20,0 mm	ASL48250 MG	250			
4,8 x 27 mm	17,0 - 22,0 mm	ASL48270 MG	250			

Multigrip Blind Rivets Countersunk Head



① Aluminium AIMg 2,5

② Steel zinc plated

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 \leq 5,5 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

$\text{---} = 3,3 \text{ mm}$

		CODE				100 = €
3,2 x 8 mm	1,5 - 5,0 mm	ASK 32800 MG	1000	500 N	700 N	
3,2 x 10 mm	2,5 - 7,0 mm	ASK 32100 MG	1000			
3,2 x 12 mm	4,5 - 9,0 mm	ASK 32120 MG	1000			
3,2 x 14 mm	6,5 - 11,0 mm	ASK 32140 MG	1000			
3,2 x 16 mm	8,5 - 12,0 mm	ASK 32160 MG	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 \leq 6,5 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

$\text{---} = 4,1 \text{ mm}$

		CODE				100 = €
4,0 x 8 mm	1,5 - 4,5 mm	ASK 40800 MG	1000	850 N	1200 N	
4,0 x 10 mm	1,5 - 6,5 mm	ASK 40100 MG	1000			
4,0 x 12 mm	3,0 - 8,5 mm	ASK 40120 MG	1000			
4,0 x 14 mm	5,0 - 10,5 mm	ASK 40140 MG	500			
4,0 x 16 mm	7,0 - 12,5 mm	ASK 40160 MG	500			
4,0 x 18 mm	9,0 - 14,0 mm	ASK 40180 MG	500			
4,0 x 20 mm	11,0 - 16,0 mm	ASK 40200 MG	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 \leq 9,0 \text{ mm}$

$d = 2,65 \text{ mm}$

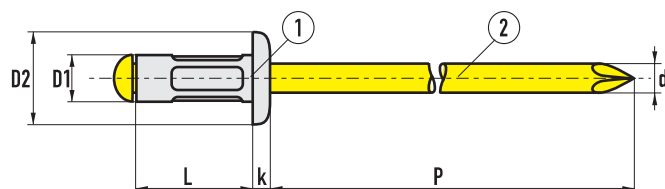
$P \geq 28 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

$\text{---} = 4,9 \text{ mm}$

		CODE				100 = €
4,8 x 10 mm	1,5 - 6,0 mm	ASK 48100 MG	500	1200 N	1700 N	
4,8 x 12 mm	2,0 - 8,0 mm	ASK 48120 MG	500			
4,8 x 14 mm	4,0 - 10,0 mm	ASK 48140 MG	500			
4,8 x 16 mm	6,0 - 12,0 mm	ASK 48160 MG	500			
4,8 x 18 mm	8,0 - 14,0 mm	ASK 48180 MG	500			
4,8 x 20 mm	10,0 - 15,0 mm	ASK 48200 MG	500			
4,8 x 22 mm	12,0 - 17,0 mm	ASK 48220 MG	500			
4,8 x 25 mm	14,0 - 20,0 mm	ASK 48250 MG	500			
4,8 x 27 mm	17,0 - 23,0 mm	ASK 48270 MG	250			
4,8 x 30 mm	20,0 - 25,0 mm	ASK 48300 MG	250			

Multigrip Blind Rivets Domed Head



① Aluminium AlMg 2,5

② Steel zinc plated

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 8,0 mm	1,0 - 5,0 mm	ASD 32800 MG	1000	500 N	700 N	
3,2 x 9,5 mm	2,0 - 6,5 mm	ASD 32950 MG	1000			
3,2 x 11,2 mm	3,7 - 8,2 mm	ASD 32112 MG	1000			
3,2 x 12,7 mm	5,2 - 9,5 mm	ASD 32127 MG	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 9,5 mm	1,0 - 6,0 mm	ASD 40950 MG	1000	850 N	1200 N	
4,0 x 12,7 mm	4,0 - 9,0 mm	ASD 40127 MG	1000			
4,0 x 17,0 mm	8,5 - 13,5 mm	ASD 40170 MG	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,6 + 0 / - 0,6 \text{ mm}$

$k = 1,5 + 0 / - 0,6 \text{ mm}$

$d = 2,63 \text{ mm}$

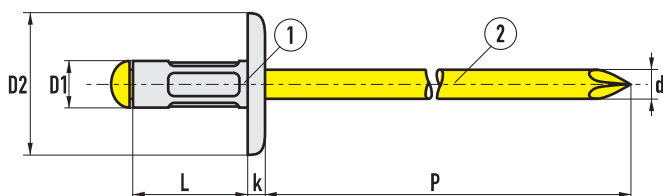
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

		CODE				100 = €
4,8 x 10,3 mm	1,6 - 6,4 mm	ASD 48103 MG	500	1200 N	1700 N	
4,8 x 15,1 mm	5,0 - 11,0 mm	ASD 48151 MG	500			
4,8 x 17,0 mm	7,0 - 13,0 mm	ASD 48170 MG	500			
4,8 x 24,8 mm	14,8 - 19,8 mm	ASD 48248 MG	500			

Multigrip Blind Rivets Large Head



① Aluminium AIMg 2,5

② Steel zinc plated

Ø 3,2 mm D2 = 9,5 mm

D1 = 3,2 + 0,08 / - 0,15 mm

D2 = 9,2 + / - 0,3 mm

k = 1,2 + / - 0,2 mm

d = 1,75 mm

P ≥ 26 mm

L = +1/-0,2 mm

= 3,3 mm

						100 = €
3,2 x 8,0 mm	1,0 - 5,0 mm	ASL 32800 MG	500	500 N	700 N	
3,2 x 9,5 mm	2,0 - 6,5 mm	ASL 32950 MG	500			
3,2 x 11,1 mm	3,5 - 8,0 mm	ASL 32111 MG	500			

Ø 4,0 mm D2 = 12,0 mm

D1 = 4,0 + 0,08 / - 0,15 mm

D2 = 11,7 + / - 0,3 mm

k = 1,5 + / - 0,2 mm

d = 2,15 mm

P ≥ 27 mm

L = +1/-0,2 mm

= 4,1 mm

						100 = €
4,0 x 11,1 mm	2,5 - 7,5 mm	ASL 40111 MG	500	850 N	1200 N	
4,0 x 12,7 mm	4,0 - 9,0 mm	ASL 40127 MG	500			
4,0 x 16,9 mm	8,4 - 13,4 mm	ASL 40169 MG	500			

Ø 4,8 mm D2 = 16,0 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 15,7 + / - 0,3 mm

k = 1,8 + / - 0,2 mm

d = 2,63 mm

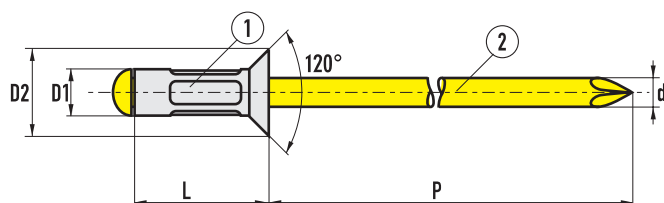
P ≥ 28 mm

L = +1/-0,2 mm

= 4,9 mm

						100 = €
4,8 x 10,3 mm	1,6 - 6,4 mm	ASL 48103 MG	250	1200 N	1700 N	
4,8 x 17,0 mm	7,0 - 13,0 mm	ASL 48170 MG	250			
4,8 x 24,8 mm	14,8 - 19,8 mm	ASL 48248 MG	250			

Multigrip Blind Rivets Countersunk Head



① Aluminium AIMg 2,5

② Steel zinc plated

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = \leq 5,5 \text{ mm}$

$d = 1,75 \text{ mm}$

$P = \geq 26 \text{ mm}$

$L = +1 / - 0,2$

= 3,3 mm

						100 = €
3,2 x 9,7 mm	2,4 - 6,4 mm	ASK 32970 MG	1000	500 N	700 N	

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = \leq 6,5 \text{ mm}$

$d = 2,15 \text{ mm}$

$P = \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

						100 = €
4,0 x 11,3 mm	2,8 - 7,9 mm	ASK 40113 MG	1000	850 N	1200 N	

Ø 4,8 mm

$D1 = 4,8 + 0,05 / - 0,13 \text{ mm}$

$D2 = 9,5 + / - 0,29 \text{ mm}$

$d = 2,63 \text{ mm}$

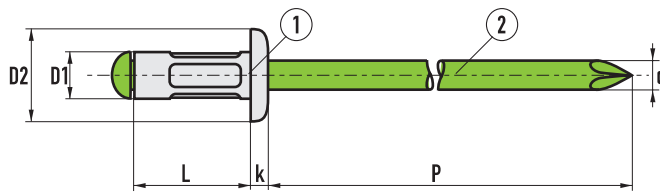
$P = \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

						100 = €
4,8 x 12,0 mm	2,0 - 8,0 mm	ASK 48120 MG	500	1200 N	1700 N	
4,8 x 16,9 mm	6,4 - 12,7 mm	ASK 48169 MG	500			

Multigrip Blind Rivets Domed Head



① Aluminium AlMg 2,5

② Stainless steel A2 [AISI 304]

Color body available upon request

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,5 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

						100 = €
3,2 x 8,0 mm	1,0 - 5,0 mm	ABD 32800 MG	1000	500 N	700 N	
3,2 x 9,5 mm	2,0 - 6,5 mm	ABD 32950 MG	1000			
3,2 x 11,1 mm	3,5 - 8,0 mm	ABD 32111 MG	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

						100 = €
4,0 x 9,5 mm	1,5 - 6,0 mm	ABD 40950 MG	1000	850 N	1200 N	
4,0 x 12,7 mm	4,0 - 9,0 mm	ABD 40127 MG	1000			
4,0 x 16,9 mm	8,5 - 13,5 mm	ABD 40169 MG	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,6 + 0 / - 0,6 \text{ mm}$

$k = 1,5 + 0 / - 0,6 \text{ mm}$

$d = 2,63 \text{ mm}$

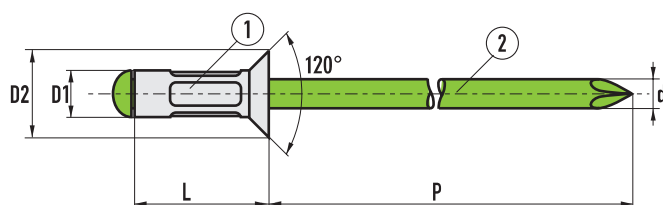
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

						100 = €
4,8 x 10,3 mm	1,6 - 6,4 mm	ABD 48103 MG	500	1200 N	1700 N	
4,8 x 15,1 mm	5,0 - 11,0 mm	ABD 48151 MG	500			
4,8 x 16,9 mm	7,0 - 13,0 mm	ABD 48169 MG	500			
4,8 x 24,8 mm	12,7 - 19,8 mm	ABD 48248 MG	500			

Multigrip Blind Rivets Countersunk Head



① Aluminium AlMg 2,5

② Stainless steel A2 [AISI 304]

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 \leq 5,5 \text{ mm}$

$k = -$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

						100 = €
3,2 x 9,7 m	2,4 - 6,4 mm	ABK 32970 MG	1000	500 N	700 N	

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 \leq 6,5 \text{ mm}$

$k = -$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

						100 = €
4,0 x 11,3 m	2,8 - 7,9 mm	ABK 40113 MG	1000	850 N	1200 N	

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 \leq 9,0 \text{ mm}$

$k = -$

$d = 2,63 \text{ mm}$

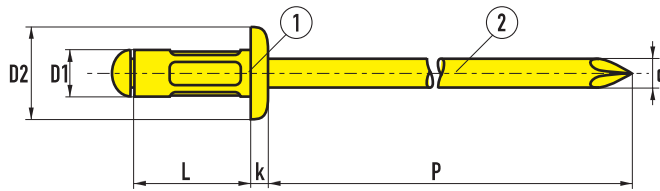
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

						100 = €
4,8 x 12,0 mm	2,0 - 8,0 mm	ABK 48120 MG	500	1200 N	1700 N	
4,8 x 16,9 mm	6,4 - 12,7 mm	ABK 48169 MG	500			

Multigrip Blind Rivets Domed Head



- ① Steel zinc plated
② Steel zinc plated

Ø 3,2 mm

$$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 7,3 + 0 / - 0,6 \text{ mm}$$

$$k = 1,0 + 0 / - 0,4 \text{ mm}$$

$$d = 2,05 \text{ mm}$$

$$P \geq 26 \text{ mm}$$

$$L = +1 / - 0,2 \text{ mm}$$

$$\text{---} = 3,3 \text{ mm}$$

						100 = €
3,2 x 9,0 mm	1,5 - 4,5 mm	SSD32900 MG	1000	1100 N	1200 N	
3,2 x 12 mm	3,0 - 6,0 mm	SSD32120 MG	1000			
3,2 x 14 mm	5,0 - 9,0 mm	SSD32140 MG	1000			

Ø 4,0 mm

$$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 8,1 + 0 / - 0,6 \text{ mm}$$

$$k = 1,4 + 0 / - 0,5 \text{ mm}$$

$$d = 2,50 \text{ mm}$$

$$P \geq 27 \text{ mm}$$

$$L = +1 / - 0,2 \text{ mm}$$

$$\text{---} = 4,1 \text{ mm}$$

						100 = €
4,0 x 10,8 mm	2,3 - 5,8 mm	SSD40108 MG	1000	1650 N	2090 N	
4,0 x 12,5 mm	2,5 - 7,5 mm	SSD40125 MG	1000			

Ø 4,8 mm

$$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 9,6 + 0 / - 0,6 \text{ mm}$$

$$k = 1,5 + 0 / - 0,5 \text{ mm}$$

$$d = 3,1 \text{ mm}$$

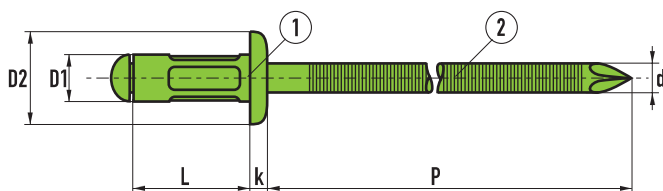
$$P \geq 28 \text{ mm}$$

$$L = +1 / - 0,2 \text{ mm}$$

$$\text{---} = 4,9 \text{ mm}$$

						100 = €
4,8 x 10,2 mm	1,7 - 4,7 mm	SSD48102 MG	500	2600 N	2900 N	
4,8 x 12,7 mm	3,5 - 6,5 mm	SSD48127 MG	500			
4,8 x 17,5 mm	7,0 - 11,5 mm	SSD48175 MG	500			

Multigrip Blind Rivets Domed Head with grooved mandrel



① Stainless steel A2 [AISI 302]

② Stainless steel A2 [AISI 304]

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 0,9 + / - 0,2 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

						100 = €
3,2 x 8,0 mm	1,0 - 5,0 mm	BBD 32800 MG	1000	1600 N	1900 N	
3,2 x 12 mm	2,0 - 7,0 mm	BBD 32120 MG	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,7 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

						100 = €
4,0 x 10,0 mm	1,5 - 6,0 mm	BBD 40100 MG	500	2400 N	3200 N	
4,0 x 12,0 mm	3,5 - 7,5 mm	BBD 40120 MG	500			
4,0 x 15,0 mm	6,0 - 10,0 mm	BBD 40150 MG	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,6 + 0 / - 0,6 \text{ mm}$

$k = 1,6 + 0 / - 0,5 \text{ mm}$

$d = 3,18 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

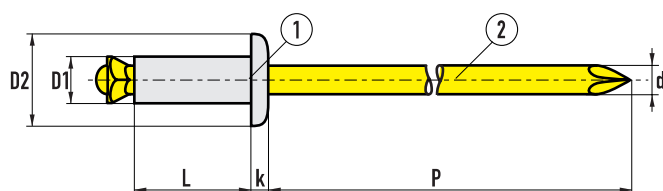
= 4,9 mm

						100 = €
4,8 x 10,0 mm	1,5 - 6,0 mm	BBD 48100 MG	500	4100 N	4500 N	
4,8 x 12,0 mm	3,0 - 7,5 mm	BBD 48120 MG	500			
4,8 x 15,0 mm	6,5 - 10,5 mm	BBD 48150 MG	500			
4,8 x 17,5 mm	9,0 - 12,5 mm	BBD 48175 MG	500			

Peel Blind Rivets Domed Head



PEEL STAR



① Aluminium AIMg 5

② Steel zinc plated

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,0 + 0 / - 0,4 \text{ mm}$

$d = 1,92 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 3,7 \text{ max. mm}$

		CODE				100 = €
3,2 x 8,0 mm	0,5 - 1,0 mm	ASD 32800 PE	1000	760 N	620 N	
3,2 x 10,0 mm	1,0 - 3,0 mm	ASD 32100 PE	1000			
3,2 x 12,0 mm	3,0 - 5,0 mm	ASD 32120 PE	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,3 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 4,5 \text{ max. mm}$

		CODE				100 = €
4,0 x 10,0 mm	1,5 - 5,0 mm	ASD 40100 PE	1000	1200 N	1150 N	
4,0 x 12,0 mm	4,0 - 6,5 mm	ASD 40120 PE	1000			
4,0 x 14,0 mm	6,0 - 9,0 mm	ASD 40140 PE	500			
4,0 x 16,0 mm	8,0 - 11,0 mm	ASD 40160 PE	500			
4,0 x 18,0 mm	10,0 - 13,0 mm	ASD 40180 PE	500			
4,0 x 20,0 mm	12,0 - 15,0 mm	ASD 40200 PE	500			
4,0 x 25,0 mm	15,0 - 20,0 mm	ASD 40250 PE	500			
4,0 x 30,0 mm	20,0 - 25,0 mm	ASD 40300 PE	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,5 + 0 / - 0,5 \text{ mm}$

$k = 1,4 + 0 / - 0,4 \text{ mm}$

$d = 2,8 \text{ mm}$

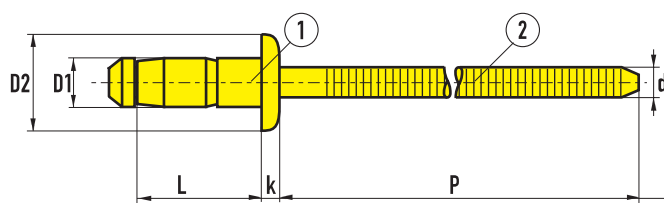
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 5,3 \text{ max. mm}$

		CODE				100 = €
4,8 x 10,0 mm	0,5 - 4,0 mm	ASD 48100 PE	500	1690 N	1600 N	
4,8 x 12,0 mm	2,0 - 6,0 mm	ASD 48120 PE	500			
4,8 x 14,0 mm	4,0 - 8,0 mm	ASD 48140 PE	500			
4,8 x 16,0 mm	6,0 - 10,0 mm	ASD 48160 PE	500			
4,8 x 18,0 mm	8,0 - 12,0 mm	ASD 48180 PE	500			
4,8 x 20,0 mm	10,0 - 14,0 mm	ASD 48200 PE	500			
4,8 x 22,0 mm	12,0 - 16,0 mm	ASD 48220 PE	500			
4,8 x 25,0 mm	16,0 - 19,0 mm	ASD 48250 PE	500			
4,8 x 30,0 mm	19,0 - 24,0 mm	ASD 48300 PE	250			
4,8 x 35,0 mm	24,0 - 29,0 mm	ASD 48350 PE	250			
4,8 x 40,0 mm	29,0 - 34,0 mm	ASD 48400 PE	250			
4,8 x 50,0 mm	39,0 - 44,0 mm	ASD 48500 PE	200			

A-BULB Domed Head with grooved mandrel



① Steel zinc plated

② Steel zinc plated

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

$k = 1,1 + 0 / - 0,5 \text{ mm}$

$d = 1,9 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 - 3,4 mm

		CODE				100 = €
3,2 x 6,5 mm	1,0 - 3,0 mm	SSD32870 DG	1000	1200 N	1300 N	
3,2 x 9,0 mm	3,0 - 5,0 mm	SSD 32113 DG	1000			
3,2 x 11,5 mm	5,0 - 7,0 mm	SSD32136 DG	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

$k = 1,3 + 0 / - 0,4 \text{ mm}$

$d = 2,5 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 - 4,3 mm

		CODE				100 = €
4,0 x 7,5 mm	1,0 - 3,0 mm	SSD40101 DG	500	2400 N	2800 N	
4,0 x 9,5 mm	3,0 - 5,0 mm	SSD 40121 DG	500			
4,0 x 12,5 mm	5,0 - 7,0 mm	SSD40151 DG	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,6 + 0 / - 0,6 \text{ mm}$

$k = 1,5 + 0 / - 0,5 \text{ mm}$

$d = 2,9 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 - 5,1 mm

		CODE				100 = €
4,8 x 9,0 mm	1,5 - 3,5 mm	SSD 48121 DG	500	3600 N	3800 N	
4,8 x 11,5 mm	3,5 - 6,0 mm	SSD 48146 DG	500			
4,8 x 14,5 mm	6,0 - 8,5 mm	SSD 48176 DG	500			

Ø 6,0 mm

$D1 = 6,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 12,0 + / - 0,3 \text{ mm}$

$k = 1,80 + / - 0,3 \text{ mm}$

$d = 3,9 \text{ mm}$

$P \geq 30 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

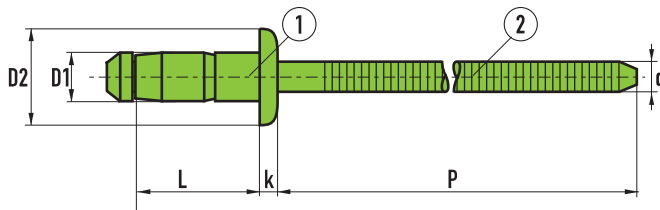
= 6,1 - 6,3 mm

		CODE				100 = €
6,0 x 10,0 mm	1,5 - 4,0 mm	SSD60142 DG	250	4200 N	5400 N	
6,0 x 13,0 mm	3,0 - 6,0 mm	SSD 60172 DG	250	5400 N		
6,0 x 16,0 mm	6,0 - 9,0 mm	SSD60202 DG	250	8500 N		
6,0 x 19,0 mm	9,0 - 12,0 mm	SSD60232 DG	250	8500 N		

A-INOX Domed Head with grooved mandrel



A-INOX



① Stainless steel A2 [AISI 304]

② Stainless steel A2 [AISI 304]

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,3 + 0 / - 0,5 \text{ mm}$

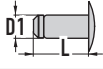
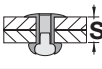
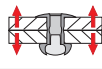
$k = 1,1 + 0 / - 0,5 \text{ mm}$

$d = 2,1 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{Groove width} = 3,3 - 3,4 \text{ mm}$

		CODE				100  = €
3,2 x 6,5 mm	1,0 - 3,0 mm	BBD32650 DG	1000	1600 N	2000 N	
3,2 x 9,0 mm	3,0 - 5,0 mm	BBD32900 DG	1000			
3,2 x 11,0 mm	5,0 - 7,0 mm	BBD32110 DG	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + 0 / - 0,5 \text{ mm}$

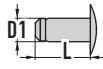
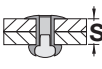
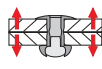
$k = 1,4 + / - 0,5 \text{ mm}$

$d = 2,6 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{Groove width} = 4,1 - 4,3 \text{ mm}$

		CODE				100  = €
4,0 x 7,5 mm	1,0 - 3,0 mm	BBD40750 DG	500			
4,0 x 9,5 mm	3,0 - 5,0 mm	BBD40950 DG	500			
4,0 x 12,5 mm	5,0 - 7,0 mm	BBD40125 DG	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,6 + 0 / - 0,6 \text{ mm}$

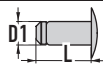
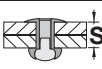
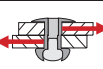
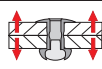
$k = 1,5 + 0 / - 0,5 \text{ mm}$

$d = 3,18 \text{ mm}$

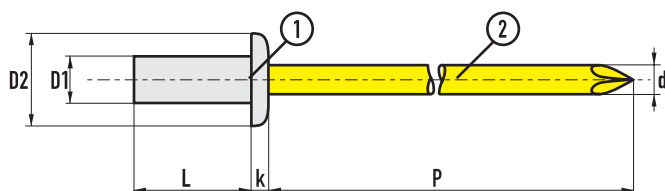
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{Groove width} = 4,9 - 5,1 \text{ mm}$

		CODE				100  = €
4,8 x 9,0 mm	1,5 - 3,5 mm	BBD48090 DG	500	3900 N	5000 N	
4,8 x 11,5 mm	3,5 - 6,0 mm	BBD48115 DG	500			
4,8 x 14,5 mm	6,0 - 8,5 mm	BBD48145 DG	500			

Sealed Blind Rivets Domed Head



① Aluminium AIMg 5

② Steel with protection layer

Ø 3,2 mm

$D1 = 3,2 + 0,08/-0,15 \text{ mm}$

$D2 = 6,1 +/- 0,3 \text{ mm}$

$k = \leq 1,3 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 6,5 mm	0,5 - 2,0 mm	ASD 32600 CE	1000	1100 N	1450 N	
3,2 x 8,0 mm	2,0 - 3,5 mm	ASD 32800 CE	1000			
3,2 x 9,5 mm	3,5 - 5,0 mm	ASD 32900 CE	1000			
3,2 x 10,5 mm	4,5 - 6,0 mm	ASD 32100 CE	1000			
3,2 x 12,5 mm	6,5 - 8,0 mm	ASD 32120 CE	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08/-0,15 \text{ mm}$

$D2 = 8,0 +/- 0,3 \text{ mm}$

$k = \leq 1,6 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 8,0 mm	1,5 - 3,5 mm	ASD 40800 CE	1000	1600 N	2200 N	
4,0 x 9,5 mm	3,5 - 5,0 mm	ASD 40950 CE	500			
4,0 x 11,0 mm	5,0 - 6,5 mm	ASD 40110 CE	500			
4,0 x 12,5 mm	6,5 - 8,0 mm	ASD 40120 CE	500			
4,0 x 15,0 mm	8,5 - 10,5 mm	ASD 40150 CE	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08/-0,15 \text{ mm}$

$D2 = 9,6 +/- 0,3 \text{ mm}$

$k = \leq 2,0 \text{ mm}$

$d = 2,63 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

= 4,9 mm

		CODE				100 = €
4,8 x 8,0 mm	2,0 - 3,0 mm	ASD 48800 CE	500	2200 N	3100 N	
4,8 x 9,5 mm	3,5 - 5,0 mm	ASD 48950 CE	500			
4,8 x 11,0 mm	5,0 - 6,5 mm	ASD 48110 CE	250			
4,8 x 12,5 mm	6,5 - 8,0 mm	ASD 48125 CE	250			
4,8 x 14,0 mm	7,5 - 9,0 mm	ASD 48140 CE	250			
4,8 x 16,0 mm	9,0 - 11,0 mm	ASD 48160 CE	250			
4,8 x 18,0 mm	11,0 - 13,0 mm	ASD 48180 CE	250			
4,8 x 21,0 mm	13,0 - 16,0 mm	ASD 48210 CE	250			
4,8 x 25,0 mm	16,0 - 20,0 mm	ASD 48250 CE	250			

Ø 6,4 mm

$D1 = 6,4 + 0,08/-0,15 \text{ mm}$

$D2 = 12,7 +/- 0,3 \text{ mm}$

$k = \leq 2,5 \text{ mm}$

$d = 3,65 \text{ mm}$

$P \geq 30 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

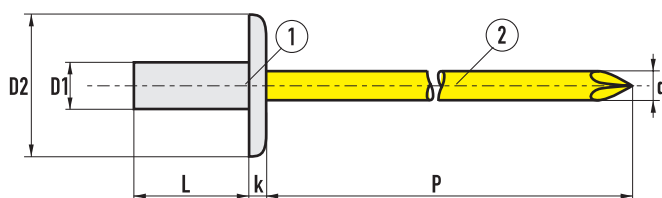
= 6,5 mm

		CODE				100 = €
6,4 x 12,5 mm	1,5 - 6,5 mm	ASD 64125 CE	250	3600N	4900 N	
6,4 x 16,0 mm	7,0 - 10,0 mm	ASD 64160 CE	250			

Sealed Blind Rivets Large Head



SEALED (CLOSED)



- ① Aluminium AlMg 5
- ② Steel with protection layer

Ø 4,8 mm D2 = 14,0 mm

D1 = 4,8 +0,08 /- 0,15 mm

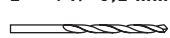
D2 = 13,7+ /- 0,3 mm

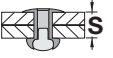
k = ≤ 2,5 mm

d = 2,63 mm

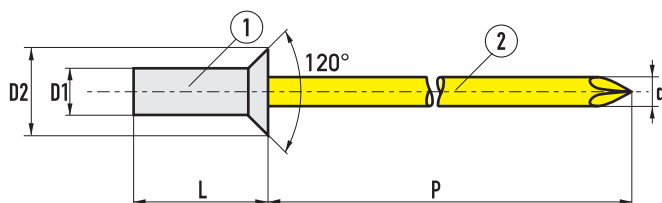
P = ≥ 28 mm

L = +1/-0,2 mm

 = 4,9 mm

		 CODE				100  = €
4,8 x 13 mm	6,5 - 8,0 mm	ASLB 48130 CE	250	2200 N	3100 N	8,55
4,8 x 18 mm	11,0 - 13,0 mm	ASLB 48180 CE	250			10,30

Sealed Blind Rivets Countersunk Head



① Aluminium AlMg 5

② Steel with protection layer

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 5,9 + / - 0,3 \text{ mm}$

$k = -$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 7,5 mm	2,5 - 3,0 mm	ASK 32750 CE	1000	1100 N	1450 N	
3,2 x 9,0 mm	3,0 - 4,5 mm	ASK 32900 CE	1000			
3,2 x 10,5 mm	4,5 - 6,0 mm	ASK 32105 CE	1000			
3,2 x 12,0 mm	6,0 - 7,5 mm	ASK 32120 CE	1000			
3,2 x 13,5 mm	7,5 - 9,0 mm	ASK 32135 CE	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 + / - 0,3 \text{ mm}$

$k = -$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 9,5 mm	3,0 - 5,0 mm	ASK 40950 CE	500	1600 N	2200 N	
4,0 x 11,0 mm	5,0 - 6,5 mm	ASK 40110 CE	500			
4,0 x 12,5 mm	6,5 - 8,0 mm	ASK 40125 CE	500			
4,0 x 14,0 mm	8,0 - 9,5 mm	ASK 40140 CE	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,3 + / - 0,3 \text{ mm}$

$k = -$

$d = 2,63 \text{ mm}$

$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

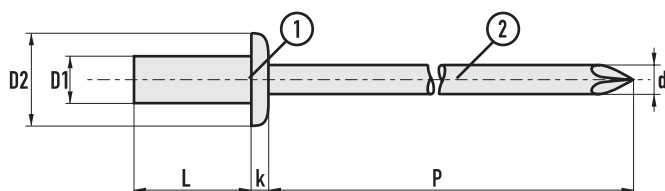
= 4,9 mm

		CODE				100 = €
4,8 x 9,5 mm	3,5 - 5,0 mm	ASK 48950 CE	500	2200 N	3100 N	
4,8 x 11,0 mm	5,0 - 6,5 mm	ASK 48110 CE	250			
4,8 x 12,5 mm	6,0 - 7,5 mm	ASK 48125 CE	250			
4,8 x 14,0 mm	7,5 - 9,0 mm	ASK 48140 CE	250			
4,8 x 15,5 mm	9,0 - 10,5 mm	ASK 48155 CE	250			
4,8 x 19,0 mm	12,0 - 14,0 mm	ASK 48190 CE	250			

Sealed Blind Rivets Domed Head



SEALED (CLOSED)



① Aluminium Al 99,5

② Aluminium alloy

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,1 \pm 0,3 \text{ mm}$

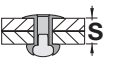
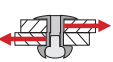
$k \leq 1,3 \text{ mm}$

$d = 1,8 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 3,3 \text{ mm}$

		CODE				100  = €
3,2 x 8,0 mm	0,5 - 3,5 mm	AAD 32800 CE	1000	460 N	540 N	
3,2 x 9,5 mm	3,5 - 5,5 mm	AAD 32950 CE	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 \pm 0,3 \text{ mm}$

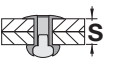
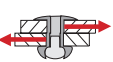
$k \leq 1,6 \text{ mm}$

$d = 2,2 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 4,1 \text{ mm}$

		CODE				100  = €
4,0 x 9,5 mm	1,0 - 5,0 mm	AAD40800 CE	500	720 N	760 N	
4,0 x 12,5 mm	6,5 - 8,0 mm	AAD40120 CE	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,6 \pm 0,3 \text{ mm}$

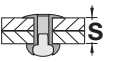
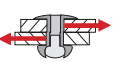
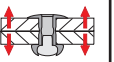
$k \leq 2,0 \text{ mm}$

$d = 2,63 \text{ mm}$

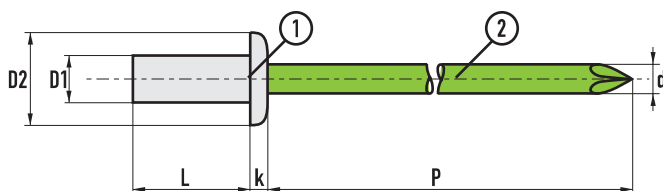
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{---} = 4,9 \text{ mm}$

		CODE				100  = €
4,8 x 9,5 mm	2,5 - 5,0 mm	AAD 48950 CE	250	1000 N	1400 N	
4,8 x 11,5 mm	4,0 - 7,0 mm	AAD48115 CE	250			
4,8 x 14,5 mm	8,0 - 9,5 mm	AAD48140 CE	250			
4,8 x 18,0 mm	9,5 - 13,5 mm	AAD48180 CE	250			

Sealed Blind Rivets Domed Head



① Aluminium alloy [AlMg 5]

② Stainless steel A2 [AISI 304]

Ø 3,2 mm

$D1 = 3,2 + 0,08/-0,15$ mm

$D2 = 6,1 +/- 0,3$ mm

$k = \leq 1,3$ mm

$d = 1,75$ mm

$P \geq 26$ mm

$L = +1/-0,2$ mm

= 3,3 mm

		CODE				100 = €
3,2 x 6,5 mm	0,5 - 2,0 mm	ABD 32650 CE	1000	1100 N	1450 N	
3,2 x 8,0 mm	2,0 - 3,5 mm	ABD 32800 CE	1000			
3,2 x 9,5 mm	3,5 - 5,0 mm	ABD 32950 CE	1000			
3,2 x 11,0 mm	5,0 - 6,5 mm	ABD 32110 CE	1000			
3,2 x 12,5 mm	6,5 - 8,0 mm	ABD 32120 CE	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08/-0,15$ mm

$D2 = 8,0 +/- 0,3$ mm

$k = \leq 1,6$ mm

$d = 2,15$ mm

$P \geq 27$ mm

$L = +1/-0,2$ mm

= 4,1 mm

		CODE				100 = €
4,0 x 8,0 mm	1,5 - 3,5 mm	ABD 40800 CE	500	1600 N	2200 N	
4,0 x 9,5 mm	3,5 - 5,0 mm	ABD 40950 CE	500			
4,0 x 11,0 mm	5,0 - 6,5 mm	ABD 40110 CE	500			
4,0 x 12,5 mm	6,5 - 8,0 mm	ABD 40125 CE	500			
4,0 x 14,0 mm	8,0 - 10,0 mm	ABD 40140 CE	500			
4,0 x 16,0 mm	10,0 - 12,0 mm	ABD 40160 CE	500			
4,0 x 18,0 mm	12,0 - 14,0 mm	ABD 40180 CE	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08/-0,15$ mm

$D2 = 9,6 +/- 0,3$ mm

$k = \leq 2,0$ mm

$d = 2,63$ mm

$P \geq 28$ mm

$L = +1/-0,2$ mm

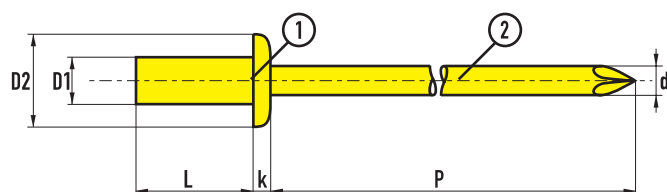
= 4,9 mm

		CODE				100 = €
4,8 x 8,0 mm	2,0 - 3,0 mm	ABD 48800 CE	250	2200 N	3100 N	
4,8 x 9,5 mm	3,5 - 5,0 mm	ABD 48950 CE	250			
4,8 x 11,0 mm	5,0 - 6,5 mm	ABD 48110 CE	250			
4,8 x 12,5 mm	6,5 - 8,0 mm	ABD 48125 CE	250			
4,8 x 14,0 mm	7,5 - 9,0 mm	ABD 48140 CE	250			
4,8 x 16,0 mm	9,5 - 11,0 mm	ABD 48160 CE	250			
4,8 x 18,0 mm	11,0 - 13,0 mm	ABD 48180 CE	250			
4,8 x 21,0 mm	14,0 - 16,0 mm	ABD 48210 CE	250			

Sealed Blind Rivets Domed Head



SEALED (CLOSED)



① Steel zinc plated

② Steel zinc plated

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,1 \pm 0,3 \text{ mm}$

$k = 1,1 \pm 0,2 \text{ mm}$

$d = 1,9 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 6,0 mm	0,5 - 1,5 mm	SSD 32600 CE	1000	1150 N	1300 N	
3,2 x 8,0 mm	1,5 - 3,0 mm	SSD 32800 CE	1000			
3,2 x 9,5 mm	2,5 - 4,5 mm	SSD 32950 CE	1000			
3,2 x 12,0 mm	5,0 - 6,5 mm	SSD 32120 CE	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 \pm 0,3 \text{ mm}$

$k = 1,45 \pm 0,2 \text{ mm}$

$d = 2,25 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 6,0 mm	0,5 - 1,5 mm	SSD 40600 CE	500	1700 N	1550 N	
4,0 x 8,0 mm	1,5 - 3,0 mm	SSD 40800 CE	500			
4,0 x 9,5 mm	2,5 - 4,5 mm	SSD 40950 CE	500			
4,0 x 12,0 mm	5,0 - 6,5 mm	SSD 40120 CE	500			
4,0 x 15,0 mm	8,0 - 9,5 mm	SSD 40150 CE	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,4 \pm 0,3 \text{ mm}$

$k = 1,8 \pm 0,2 \text{ mm}$

$d = 2,9 \text{ mm}$

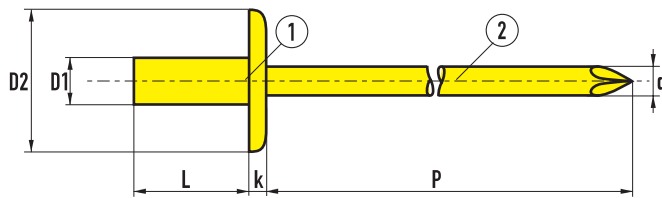
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

		CODE				100 = €
4,8 x 8,0 mm	0,5 - 3,0 mm	SSD 48800 CE	250	2400 N	2800 N	
4,8 x 9,5 mm	2,5 - 4,5 mm	SSD 48950 CE	250			
4,8 x 12,0 mm	5,0 - 6,5 mm	SSD 48120 CE	250			
4,8 x 16,0 mm	7,5 - 11,5 mm	SSD 48160 CE	250			

Sealed Blind Rivets Large Head



① Steel zinc plated

② Steel zinc plated

Ø 3,2 mm D2 = 10,0 mm

D1 = 3,2 + 0,08 / - 0,10 mm

D2 = 10,0 +/- 0,29 mm

k = 1,0 +/- 0,3 mm

d = 1,9 mm

P ≥ 27 mm

L = +1/-0,2 mm

= 3,3 mm

		CODE				100 = €
3,2 x 8,0 mm	1,5 - 3,0 mm	SSL 32800 CE	1000	1150 N	1300 N	
3,2 x 10,0 mm	3,0 - 5,0 mm	SSL 32100 CE	1000			
3,2 x 12,0 mm	5,0 - 6,5 mm	SSL 32120 CE	1000			

Ø 4,0 mm D2 = 12,0 mm

D1 = 4,0 + 0,08 / - 0,10 mm

D2 = 12,0 +/- 0,35 mm

k = 1,2 +/- 0,3 mm

d = 2,3 mm

P ≥ 27 mm

L = +1/-0,2 mm

= 4,1 mm

		CODE				100 = €
4,0 x 8,0 mm	1,5 - 3,0 mm	SSL 40800 CE	500	1700 N	1550 N	
4,0 x 10,0 mm	3,0 - 5,0 mm	SSL 40100 CE	500			
4,0 x 12,0 mm	5,0 - 6,5 mm	SSL 40120 CE	500			
4,0 x 16,0 mm	9,0 - 10,5 mm	SSL 40160 CE	500			

Ø 4,8 mm D2 = 14,0 mm

D1 = 4,8 + 0,08 / - 0,10 mm

D2 = 14,0 +/- 0,35 mm

k = 1,4 +/- 0,3 mm

d = 2,9 mm

P ≥ 27 mm

L = +1/-0,2 mm

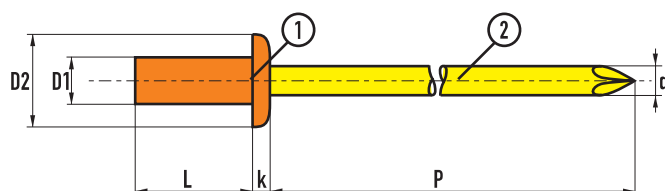
= 4,9 mm

		CODE				100 = €
4,8 x 8,0 mm	0,5 - 3,0 mm	SSL 48800 CE	250	2400 N	2800 N	
4,8 x 10,0 mm	3,0 - 5,0 mm	SSL 48100 CE	250			
4,8 x 12,0 mm	5,0 - 6,5 mm	SSL 48120 CE	250			
4,8 x 16,0 mm	7,5 - 11,5 mm	SSL 48160 CE	250			

Sealed Blind Rivets Domed Head



SEALED (CLOSED)



- ① Copper alloy
② Steel with protection layer

Ø 3,2 mm

$$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 6,1 \pm 0,3 \text{ mm}$$

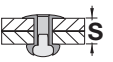
$$k = \leq 1,3 \text{ mm}$$

$$d = 1,75 \text{ mm}$$

$$P = \geq 26 \text{ mm}$$

$$L = +1/-0,2 \text{ mm}$$

$$\text{---} = 3,3 \text{ mm}$$

		CODE				100  = €
3,2 x 6,5 mm	0,5 - 2,0 mm	CSD 32650 CE	1000	850 N	1300 N	
3,2 x 8,0 mm	2,0 - 3,5 mm	CSD 32800 CE	1000			
3,2 x 9,5 mm	3,5 - 5,0 mm	CSD 32950 CE	1000			
3,2 x 12,5 mm	6,5 - 8,0 mm	CSD 32125 CE	1000			

Ø 4,0 mm

$$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 8,0 \pm 0,3 \text{ mm}$$

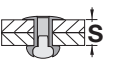
$$k = \leq 1,6 \text{ mm}$$

$$d = 2,15 \text{ mm}$$

$$P = \geq 27 \text{ mm}$$

$$L = +1/-0,2 \text{ mm}$$

$$\text{---} = 4,1 \text{ mm}$$

		CODE				100  = €
4,0 x 8,0 mm	1,5 - 3,5 mm	CSD 40800 CE	500	1350 N	2000 N	
4,0 x 10,0 mm	4,0 - 5,5 mm	CSD 40100 CE	500			

Ø 4,8 mm

$$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 9,6 \pm 0,3 \text{ mm}$$

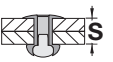
$$k = \leq 2,0 \text{ mm}$$

$$d = 2,63 \text{ mm}$$

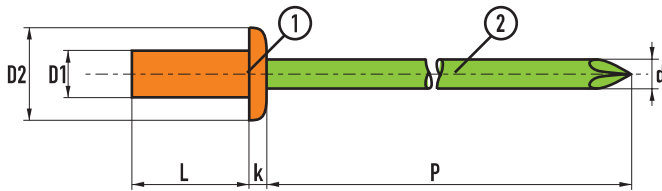
$$P = \geq 28 \text{ mm}$$

$$L = +1/-0,2 \text{ mm}$$

$$\text{---} = 4,9 \text{ mm}$$

		CODE				100  = €
4,8 x 9,5 mm	3,5 - 5,0 mm	CSD 48950 CE	250	1950 N	2800 N	
4,8 x 11,5 mm	5,0 - 6,5 mm	CSD 48115 CE	250			

Sealed Blind Rivets Domed Head



① Copper alloy

② Stainless steel A2 [AISI 304]

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,1 \pm 0,3 \text{ mm}$

$k \leq 1,3 \text{ mm}$

$d = 1,75 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 6,5 mm	0,5 - 2,0 mm	CBD 32650 CE	1000	850 N	1300 N	
3,2 x 8,0 mm	2,0 - 3,5 mm	CBD 32800 CE	1000			
3,2 x 9,5 mm	3,5 - 5,0 mm	CBD 32900 CE	1000			
3,2 x 12,5 mm	6,5 - 8,0 mm	CBD 32125 CE	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 \pm 0,3 \text{ mm}$

$k \leq 1,6 \text{ mm}$

$d = 2,15 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 8,0 mm	1,5 - 3,5 mm	CBD 40800 CE	500	1350 N	2000 N	
4,0 x 10,0 mm	4,0 - 5,5 mm	CBD 40100 CE	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,6 \pm 0,3 \text{ mm}$

$k \leq 2,0 \text{ mm}$

$d = 2,63 \text{ mm}$

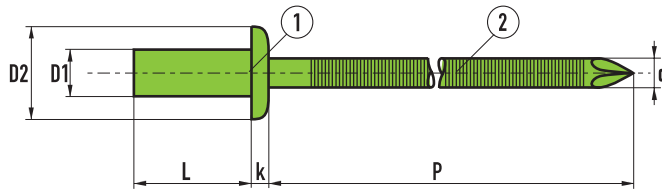
$P \geq 28 \text{ mm}$

$L = +1/-0,2 \text{ mm}$

= 4,9 mm

		CODE				100 = €
4,8 x 9,5 mm	3,5 - 5,0 mm	CBD 48950 CE	250	1950 N	2800 N	
4,8 x 11,5 mm	5,0 - 6,5 mm	CBD 48115 CE	250			

Sealed Blind Rivets Domed Head with grooved mandrel



① Stainless steel A2 [AISI 304]

② Stainless steel C1 [AISI 420]

A2 mandrel available upon request

Ø 3,2 mm

$D1 = 3,2 + 0,08 / - 0,15 \text{ mm}$

$D2 = 6,1 \pm 0,3 \text{ mm}$

$k = 0,1 \pm 0,2 \text{ mm}$

$d = 1,9 \text{ mm}$

$P \geq 26 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 3,3 mm

		CODE				100 = €
3,2 x 6,0 mm	0,5 - 1,5 mm	BBD 32600 CE	1000	2000 N	2500 N	
3,2 x 8,0 mm	1,5 - 3,0 mm	BBD 32800 CE	1000			
3,2 x 9,5 mm	2,5 - 4,5 mm	BBD 32950 CE	1000			
3,2 x 12,0 mm	5,0 - 6,5 mm	BBD 32120 CE	1000			
3,2 x 14,0 mm	7,0 - 9,0 mm	BBD 32140 CE	1000			

Ø 4,0 mm

$D1 = 4,0 + 0,08 / - 0,15 \text{ mm}$

$D2 = 8,0 \pm 0,3 \text{ mm}$

$k = 1,45 \pm 0,2 \text{ mm}$

$d = 2,25 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,1 mm

		CODE				100 = €
4,0 x 6,0 mm	0,5 - 1,5 mm	BBD 40600 CE	500	3000 N	3500 N	
4,0 x 8,0 mm	1,5 - 3,0 mm	BBD 40800 CE	500			
4,0 x 9,5 mm	2,5 - 4,5 mm	BBD 40950 CE	500			
4,0 x 12,0 mm	5,0 - 6,5 mm	BBD 40120 CE	500			
4,0 x 16,0 mm	8,0 - 11,0 mm	BBD 40160 CE	500			

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$

$D2 = 9,4 \pm 0,3 \text{ mm}$

$k = 1,8 \pm 0,2 \text{ mm}$

$d = 2,9 \text{ mm}$

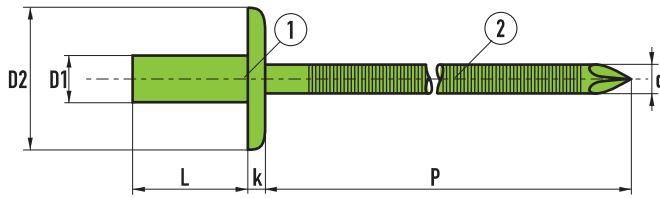
$P \geq 28 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

= 4,9 mm

		CODE				100 = €
4,8 x 8,0 mm	1,5 - 3,0 mm	BBD 48800 CE	250	4000 N	4400 N	
4,8 x 9,5 mm	2,5 - 4,5 mm	BBD 48950 CE	250			
4,8 x 12,0 mm	5,0 - 6,5 mm	BBD 48120 CE	250			
4,8 x 16,0 mm	6,5 - 9,0 mm	BBD 48160 CE	250			
4,8 x 20,0 mm	9,0 - 12,0 mm	BBD 48200 CE	250			

Sealed Blind Rivets Large Head with grooved mandrel



① Stainless steel A2 [AISI 304]

② Stainless steel C1 [AISI 420]

Ø 3,2 mm D2 = 9,5 mm

D1 = 3,2 + 0,08 / - 0,10 mm

D2 = 10,0 +/- 0,29 mm

k = 0,9 +/- 0,3 mm

d = 1,9 mm

P ≥ 27 mm

L = +1/-0,2 mm

= 3,3 mm

		CODE				100 = €
3,2 x 6,0 mm	0,5 - 1,5 mm	BBL 32600 CE	1000	2000 N	2200 N	
3,2 x 8,0 mm	1,5 - 3,0 mm	BBL 32800 CE	1000			
3,2 x 10,0 mm	3,0 - 5,0 mm	BBL 32100 CE	1000			
3,2 x 12,0 mm	5,0 - 6,5 mm	BBL 32120 CE	1000			

Ø 4,0 mm D2 = 12,0 mm

D1 = 4,0 + 0,08 / - 0,10 mm

D2 = 12,0 +/- 0,35 mm

k = 1,1 +/- 0,3 mm

d = 2,3 mm

P ≥ 27 mm

L = +1/-0,2 mm

= 4,1 mm

		CODE				100 = €
4,0 x 6,0 mm	0,5 - 1,5 mm	BBL 40600 CE	500	3000 N	3500 N	
4,0 x 8,0 mm	1,5 - 3,0 mm	BBL 40800 CE	500			
4,0 x 10,0 mm	3,0 - 5,0 mm	BBL 40100CE	500			
4,0 x 12,0 mm	5,0 - 6,5 mm	BBL 40120 CE	500			
4,0 x 16,0 mm	8,0 - 11,5 mm	BBL 40160CE	500			

Ø 4,8 mm D2 = 14,0 mm

D1 = 4,8 + 0,08 / - 0,10 mm

D2 = 14,0 +/- 0,35 mm

k = 1,3 +/- 0,3 mm

d = 2,9 mm

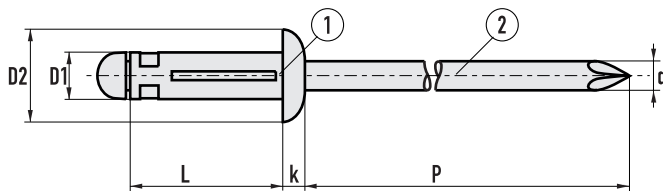
P ≥ 27 mm

L = +1/-0,2 mm

= 4,9 mm

		CODE				100 = €
4,8 x 8,0 mm	1,5 - 3,0 mm	BBL 48800 CE	250	4000 N	4400 N	
4,8 x 10,0 mm	3,0 - 5,0 mm	BBL 48100CE	250			
4,8 x 12,0 mm	5,0 - 6,5 mm	BBL 48120 CE	250			
4,8 x 16,0 mm	6,5 - 9,0 mm	BBL 48160CE	250			

Triple Claw Blind Rivets (light weight construction) Domed Head



① Aluminium AlMg 3.5

② Aluminium AlMg 5

Ø 4,0 mm

$D1 = 4,0 + 0,10 / - 0,15 \text{ mm}$

$D2 = 8,0 + / - 0,3 \text{ mm}$

$k = 1,4 + / - 0,2 \text{ mm}$

$d = 2,3 \text{ mm}$

$P \geq 27 \text{ mm}$

$L = +1 / - 0,2 \text{ mm}$

$\text{Tail length} = 4,2 - 4,4 \text{ mm}$

						100 = €
4,0 x 13,6 mm	1,0 - 3,0 mm	AAD 40136 DL	500	600 N	1000 N	
4,0 x 18,5 mm	3,0 - 7,0 mm	AAD 40188 DL	500			
4,0 x 24,0 mm	4,0 - 12,0 mm	AAD 40240 DL	500			

Ø 4,8 mm

$D1 = 4,8 + 0,10 / - 0,15$

$D2 = 9,9 + / - 0,40$

$k = 1,8 + / - 0,2$

$d = 2,9$

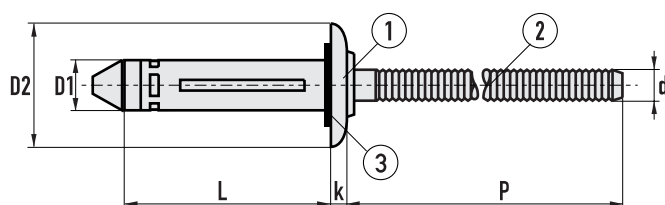
$P \geq 28$

$L = +1 / - 0,2$

$\text{Tail length} = 5,0 - 5,2 \text{ mm}$

						100 = €
4,8 x 15,3 mm	1,0 - 4,0 mm	AAD 48153 DL	500	780 N	1070 N	
4,8 x 20,3 mm	1,0 - 9,0 mm	AAD 48205 DL	500			
4,8 x 24,5 mm	4,0 - 12,0 mm	AAD 48245 DL	500			

Triple Claw Blind Rivets (construction) Domed Head with grooved mandrel



- ① Aluminium AlMg 5
- ② Aluminium AlCuMg 1
- ③ with neoprene washer

Ø 5,2 mm

$D1 \leq 5,2 \text{ mm}$
 $D2 = 12,5 + 0 / - 1,2 \text{ mm}$
 $k = 2,5 + 0 / - 0,25 \text{ mm}$
 $d = 3,0 \text{ mm}$
 $P \geq 28 \text{ mm}$
 $L = +1/-0,2 \text{ mm}$
 $\text{Groove width} = 5,3 - 5,5 \text{ mm}$

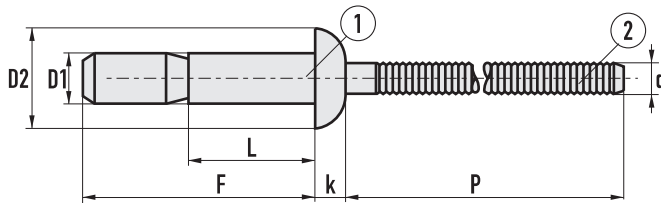
		CODE				100 = €
5,2 x 17,5 mm	1,2 - 4,8 mm	AAD05217 SB	250	2300N	1400 N	
5,2 x 19,1 mm	1,5 - 6,4 mm	AAD 52190 SB	250			
5,2 x 22,2 mm	4,7 - 9,6 mm	AAD52220 SB	250			
5,2 x 25,4 mm	7,9 - 12,7 mm	AAD 52250 SB	250			
5,2 x 28,6 mm	11,1 - 15,9 mm	AAD 52280 SB	250			
5,2 x 31,8 mm	14,3 - 19,1 mm	AAD 52310 SB	250			

Ø 7,5 mm

$D1 \leq 5,2 \text{ mm}$
 $D2 = 12,5 + 0 / - 1,2 \text{ mm}$
 $k = 2,5 + 0 / - 0,25 \text{ mm}$
 $d = 3,0 \text{ mm}$
 $P \geq 28 \text{ mm}$
 $L = +1/-0,2 \text{ mm}$
 $\text{Groove width} = 5,3 - 5,5 \text{ mm}$

		CODE				100 = €
5,2 x 17,5 mm	1,2 - 4,8 mm	AAD05217 SB	250	2300N	1400 N	
5,2 x 19,1 mm	1,5 - 6,4 mm	AAD 52190 SB	250			
5,2 x 22,2 mm	4,7 - 9,6 mm	AAD52220 SB	250			
5,2 x 25,4 mm	7,9 - 12,7 mm	AAD 52250 SB	250			
5,2 x 28,6 mm	11,1 - 15,9 mm	AAD 52280 SB	250			
5,2 x 31,8 mm	14,3 - 19,1 mm	AAD 52310 SB	250			

High-Strength Blind rivets Domed Head



- ① Aluminium AlMg 5 (5056)
② Aluminium AlZnMgCu 1.5 (7A03)

Ø 4,8 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 9,5 + / - 0,5 mm

k = ≤ 2,2 mm

d = ≤ 3,1 mm

P = ≥ 27 mm

L = + / - 0,99 mm

= 4,9 - 5,1 mm

	F max		CODE				100 = €
4,8 x 10 mm	18,5 mm	1,6 - 6,9 mm	AAD 04810 CL	250	2400 N	2000 N	
4,8 x 14 mm	25 mm	1,6 - 11,0 mm	AAD 04814 CL	250			

Ø 6,4 mm

D1 = 6,5 + 0,08 / - 0,15 mm

D2 = 12,7 + / - 0,5 mm

k = ≤ 3,0 mm

d = ≤ 4,1 mm

P = ≥ 28 mm

L = + / - 0,99 mm

= 6,6 - 6,9 mm

	F max		CODE				100 = €
6,4 x 14 mm	25,5 mm	2,0 - 9,5 mm	AAD 06414 CL	250	5600 N	3600 N	
6,4 x 20 mm	36 mm	2,0 - 15,9 mm	AAD 06420 CL	250			

Ø 10,0mm

D1 = 9,8 + 0,08 / - 0,15 mm

D2 = 19,0 + / - 0,5 mm

k = ≤ 4,4 mm

d = ≤ 6,2 mm

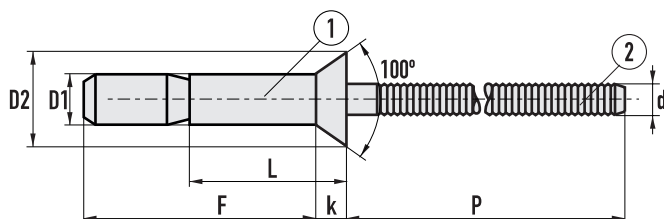
P = ≥ 39,0 mm

L = + / - 0,99 mm

10,0-10,4mm

	F max		CODE				100 = €
9,8 x 21 mm	42mm	3,1 - 14,5 mm	AAD09821 CL	250	8452 N	13122 N	

High-Strength Blind rivets Countersunk Head



- ① Aluminium AlMg 5 (5056)
- ② Aluminium AlZnMgCu 1.5 (7A03)

Ø 4,8 mm

D1 = 4,8 + 0,08 / - 0,15 mm

D2 = 8,8 + 0 / - 0,5 mm

k = 1,8 mm (ref)

d ≤ 3,1 mm

P ≥ 27 mm

L = + / - 0,99 mm

= 4,9 - 5,1 mm

	F max		CODE				100 = €
4,8 x 12,0 mm	20,2 mm	3,2 - 8,4 mm	AAK 04813 CL	250	2400 N	2000 N	
4,8 x 16,0 mm	26,3 mm	7,7 - 12,7 mm	AAK 04817 CL	250			

Ø 6,4 mm

D1 = 6,5 + 0,08 / - 0,15 mm

D2 = 10,6 + 0 / - 0,5 mm

k = 2,0 mm (ref)

d = 4,1 mm

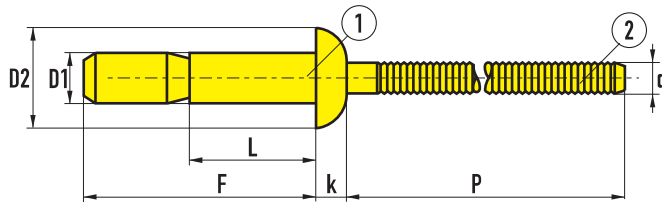
P ≥ 28 mm

L = + / - 0,99 mm

= 6,6 - 6,9 mm

	F max		CODE				100 = €
6,4 x 16,0 mm	27,9 mm	4,1 - 12,1 mm	AAK 06417 CL	250	5600 N	3600 N	
6,4 x 22,0 mm	37,5 mm	10,5 - 18,4 mm	AAK 06423 CL	250			

High-Strength Blind rivets Domed Head



- ① Steel zinc plated
② Steel zinc plated

Ø 4,8 mm

D1 = 4,8+0,08/-0,15 mm

D2 = 9,5 + / - 0,5 mm

k = ≤2,2 mm

d = ≤3,1 mm

P = ≥ 27 mm

L = + / -0,99 mm

= 4,9 - 5,1 mm

	F max		CODE				100 = €
4,8 x 10 mm	18,5 mm	1,6 - 6,9 mm	SSD 04810 CL	250	5700 N	4400 N	
4,8 x 14 mm	27 mm	1,6 - 11,0 mm	SSD 04814 CL	250			

Ø 6,4 mm

D1 = 6,5+0,08/-0,15 mm

D2 = 12,7 + / - 0,5 mm

k = ≤3,0 mm

d = ≤4,1 mm

P = ≥ 28 mm

L = + / -0,99 mm

= 6,6 - 6,9 mm

	F max		CODE				100 = €
6,4 x 14 mm	25,5 mm	2,0 - 9,5 mm	SSD 06414 CL	250	10600 N	8200 N	
6,4 x 20 mm	36 mm	2,0 - 15,9 mm	SSD 06420 CL	250			

Ø 10,0 mm

D1 = 9,8+0,08/-0,15 mm

D2 = 19,0+ / - 0,5 mm

k = ≤4,4 mm

d = ≤6,2 mm

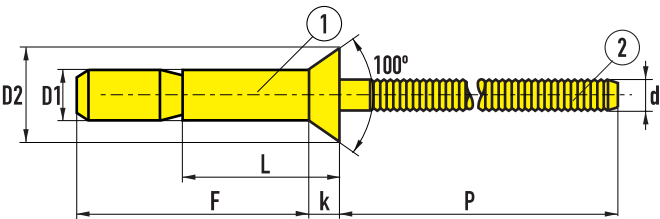
P = ≥ 39,0 mm

L = + / -0,99 mm

10,0-10,4mm

	F max		CODE				100 = €
9,8 x 21 mm	42mm	3,1 - 14,5 mm	SSD 09821 CL	250	17800 N	24920 N	

High-Strength Blind rivets Countersunk Head



- ① Steel zinc plated
- ② Steel zinc plated

Ø 4,8 mm

$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$
 $D2 = 8,8 + 0 / - 0,5 \text{ mm}$
 $k = 1,8 \text{ mm (ref)}$
 $d \leq 3,1 \text{ mm}$
 $P \geq 27 \text{ mm}$
 $L = + / - 0,99 \text{ mm}$
 = 4,9 - 5,1 mm

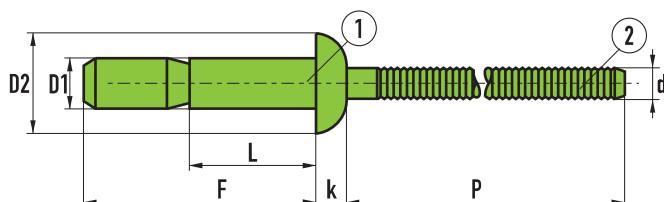
	F max		CODE				100 = €
4,8 x 12,0 mm	20,2 mm	3,2 - 8,4 mm	SSK04813 CL	250	5700 N	4400 N	
4,8 x 16,0 mm	26,3 mm	7,7 - 12,7 mm	SSK04817 CL	250			

Ø 6,4 mm

$D1 = 6,5 + 0,08 / - 0,15 \text{ mm}$
 $D2 = 10,6 + 0 / - 0,5 \text{ mm}$
 $k = 2,0 \text{ mm (ref)}$
 $d \leq 4,1 \text{ mm}$
 $P \geq 28 \text{ mm}$
 $L = + / - 0,99 \text{ mm}$
 = 6,6 - 6,9 mm

	F max		CODE				100 = €
6,4 x 16,0 mm	27,9 mm	4,1 - 12,1 mm	SSK 06417 CL	250	10600 N	8200 N	
6,4 x 22,0 mm	37,5 mm	10,5 - 18,4 mm	SSK 06423 CL	250			

High-Strength Blind rivets Domed Head



- ① Stainless steel A2 [AISI 302]
② Stainless steel A2 [AISI 302]

Ø 4,8 mm

$$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 9,5 + / - 0,5 \text{ mm}$$

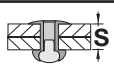
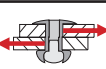
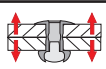
$$k = \leq 2,2 \text{ mm}$$

$$d = \leq 3,1 \text{ mm}$$

$$P = \geq 27 \text{ mm}$$

$$L = + / - 0,99 \text{ mm}$$

$$\text{---} = 4,9 - 5,1 \text{ mm}$$

	F max		CODE				100 = €
4,8 x 10,5 mm	18,5 mm	1,6 - 6,9 mm	BBD 04810 CL	250	5700 N	4400 N	
4,8 x 14,5 mm	25 mm	1,6 - 11,0 mm	BBD 04814 CL	250			

Ø 6,4 mm

$$D1 = 6,5 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 12,7 + / - 0,5 \text{ mm}$$

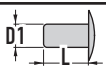
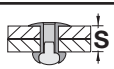
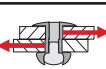
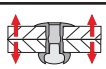
$$k = \leq 3,0 + / - 0,4 \text{ mm}$$

$$d = \leq 4,0 \text{ mm}$$

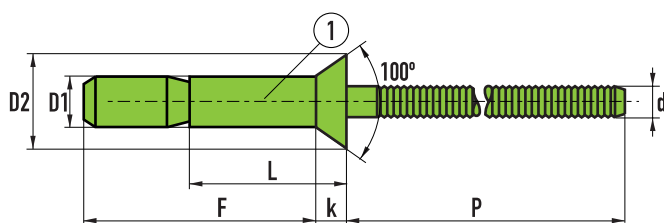
$$P = \geq 28 \text{ mm}$$

$$L = + / - 0,99 \text{ mm}$$

$$\text{---} = 6,6 - 6,9 \text{ mm}$$

	F max		CODE				100 = €
6,4 x 14,5 mm	25,5 mm	2,0 - 9,5 mm	BBD 06414 CL	250	10500 N	8200 N	
6,4 x 20,5 mm	36 mm	2,0 - 15,9 mm	BBD 06420 CL	250			

High-Strength Blind rivets Countersunk Head



- ① Stainless steel A2 [AISI 302]
② Stainless steel A2 [AISI 302]

Ø 4,8 mm

$$D1 = 4,8 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 8,8 + 0 / - 0,5 \text{ mm}$$

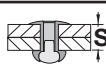
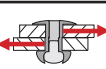
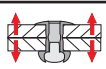
$$k = 1,8 \text{ mm (ref)}$$

$$d \leq 3,1 \text{ mm}$$

$$P \geq 27 \text{ mm}$$

$$L = + / - 0,99 \text{ mm}$$

$$\text{---} = 4,9 - 5,1 \text{ mm}$$

	F max		CODE				100 = €
4,8 x 12,0 mm	20,2 mm	3,2 - 8,4 mm	BBK04813 CL	250	5700 N	4400 N	
4,8 x 16,0 mm	26,3 mm	7,7 - 12,7 mm	BBK04817 CL	250			

Ø 6,4 mm

$$D1 = 6,4 + 0,08 / - 0,15 \text{ mm}$$

$$D2 = 10,6 + 0 / - 0,5 \text{ mm}$$

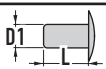
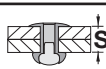
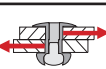
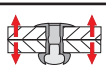
$$k = 2,0 \text{ mm (ref)}$$

$$d \leq 4,1 \text{ mm}$$

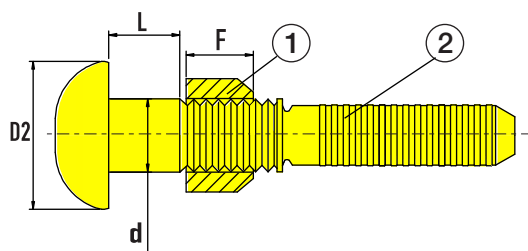
$$P \geq 28 \text{ mm}$$

$$L = + / - 0,99 \text{ mm}$$

$$\text{---} = 6,6 - 6,9 \text{ mm}$$

	F max		CODE				100 = €
6,4 x 16,0 mm	27,9 mm	4,1 - 12,1 mm	BBK06417 CL	250	10500 N	8200 N	
6,4 x 22,0 mm	37,5 mm	10,5 - 18,4 mm	BBK06423 CL	250			

High Strength Grooved Rivets Dome Head



- ① Steel zinc plated
② Steel zinc plated

Ø 6,4 mm

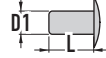
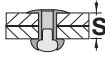
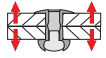
$D2 = 12,5 + 0,60 / - 0,60 \text{ mm}$

$d = 6,4 + 0,10 / - 0,10 \text{ mm}$

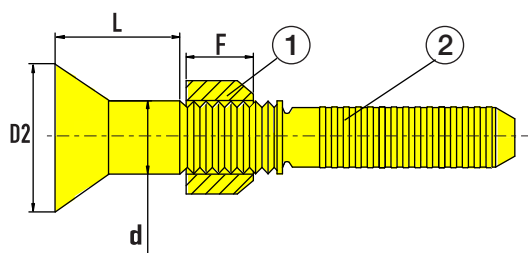
$F = 8,0 + / - 0,50 \text{ mm}$

$L = + / - 0,50 \text{ mm}$

 = 6,5 mm

						100  = €
6,4 x 4,0 mm	3,5 - 4,5 mm	GGHCB 64040	250	10000 N	8500 N	
6,4 x 6,0 mm	5,5 - 6,5 mm	GGHCB 64060	250			
6,4 x 8,0 mm	7,5 - 8,5 mm	GGHCB 64080	250			
6,4 x 10,0 mm	9,5 - 10,5 mm	GGHCB 64100	250			
6,4 x 12,0 mm	11,5 - 12,5 mm	GGHCB 64120	250			
6,4 x 14,0 mm	13,5 - 14,5 mm	GGHCB 64140	250			
6,4 x 16,0 mm	15,5 - 16,5 mm	GGHCB 64160	250			
6,4 x 18,0 mm	17,5 - 18,5 mm	GGHCB 64180	250			
6,4 x 20,0 mm	19,5 - 20,5 mm	GGHCB 64200	250			
6,4 x 22,0 mm	21,5 - 22,5 mm	GGHCB 64220	250			
6,4 x 24,0 mm	23,5 - 24,5 mm	GGHCB 64240	250			
6,4 x 26,0 mm	25,5 - 26,5 mm	GGHCB 64260	250			

High Strength Grooved Rivets CSK Head



- ① Steel zinc plated
② Steel zinc plated

Ø 5,0 mm

$d = 5,0 \pm 0,10 \text{ mm}$

$D2 = 9,5 \pm 1,0 \text{ mm}$

$F = 6,0 \pm 0,50 \text{ mm}$

$L = \pm 0,50 \text{ mm}$

= 5,1 mm

						100 = €
5,0 x 4,0 mm	3,5 - 4,5 mm	GGHCC 50040	250	7000 N	5000 N	
5,0 x 6,0 mm	5,5 - 6,5 mm	GGHCC 50060	250			
5,0 x 8,0 mm	7,5 - 8,5 mm	GGHCC 50080	250			
5,0 x 10,0 mm	9,5 - 10,5 mm	GGHCC 50100	250			
5,0 x 12,0 mm	11,5 - 12,5 mm	GGHCC 50120	250			
5,0 x 14,0 mm	13,5 - 14,5 mm	GGHCC 50140	250			
5,0 x 16,0 mm	15,5 - 16,5 mm	GGHCC 50160	250			
5,0 x 18,0 mm	17,5 - 18,5 mm	GGHCC 50180	250			

Ø 10,0 mm

$d = 10,0 \pm 0,10 \text{ mm}$

$D2 = 19,0 \pm 1,5 \text{ mm}$

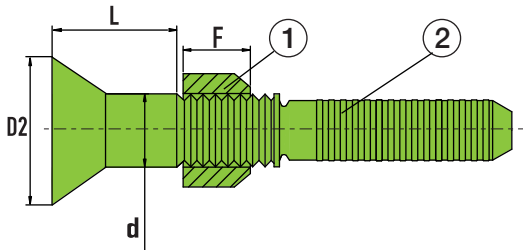
$F = 11,4 \pm 0,50 \text{ mm}$

$L = \pm 0,50 \text{ mm}$

= 5,1 mm

						100 = €
10,0 x 8,0 mm	7,5 - 8,5 mm	GGHCC 100080	250	25000 N	20000 N	
10,0 x 10,0 mm	9,5 - 10,5 mm	GGHCC 100100	250			
10,0 x 12,0 mm	11,5 - 12,5 mm	GGHCC 100120	250			
10,0 x 14,0 mm	13,5 - 14,5 mm	GGHCC 100140	250			
10,0 x 16,0 mm	15,5 - 16,5 mm	GGHCC 100160	250			
10,0 x 18,0 mm	17,5 - 18,5 mm	GGHCC 100180	250			
10,0 x 20,0 mm	19,5 - 20,5 mm	GGHCC 100200	250			

High Strength Grooved Rivets CSK Head



① Stainless steel polishing

② Stainless steel polishing

Ø 5,0 mm

$d = 5,0 \pm 0,10 \text{ mm}$

$D2 = 9,5 \pm 1,0 \text{ mm}$

$F = 6,0 \pm 0,50 \text{ mm}$

$L = \pm 0,50 \text{ mm}$

= 5,1 mm

		CODE				100 = €
5,0 x 4,0 mm	3,5 - 4,5 mm	GGHCC 50040	250	7000 N	5000 N	
5,0 x 6,0 mm	5,5 - 6,5 mm	GGHCC 50060	250			
5,0 x 8,0 mm	7,5 - 8,5 mm	GGHCC 50080	250			
5,0 x 10,0 mm	9,5 - 10,5 mm	GGHCC 50100	250			
5,0 x 12,0 mm	11,5 - 12,5 mm	GGHCC 50120	250			
5,0 x 14,0 mm	13,5 - 14,5 mm	GGHCC 50140	250			
5,0 x 16,0 mm	15,5 - 16,5 mm	GGHCC 50160	250			
5,0 x 18,0 mm	17,5 - 18,5 mm	GGHCC 50180	250			

Ø 10,0 mm

$d = 10,0 \pm 0,10 \text{ mm}$

$D2 = 19,0 \pm 1,5 \text{ mm}$

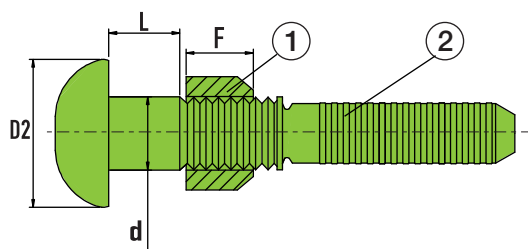
$F = 11,4 \pm 0,50 \text{ mm}$

$L = \pm 0,50 \text{ mm}$

= 10,1 mm

		CODE				100 = €
10,0 x 8,0 mm	7,5 - 8,5 mm	GGHCC 100080	250	25000 N	20000 N	
10,0 x 10,0 mm	9,5 - 10,5 mm	GGHCC 100100	250			
10,0 x 12,0 mm	11,5 - 12,5 mm	GGHCC 100120	250			
10,0 x 14,0 mm	13,5 - 14,5 mm	GGHCC 100140	250			
10,0 x 16,0 mm	15,5 - 16,5 mm	GGHCC 100160	250			
10,0 x 18,0 mm	17,5 - 18,5 mm	GGHCC 100180	250			
10,0 x 20,0 mm	19,5 - 20,5 mm	GGHCC 100200	250			

High Strength Grooved Rivets Dome Head



- ① Stainless steel polishing
② Stainless steel polishing

Ø 6,4 mm

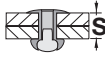
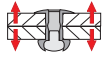
d = 6,4 +0,10 / -0,10 mm

D2 = 12,5 +0,60 / -0,60 mm

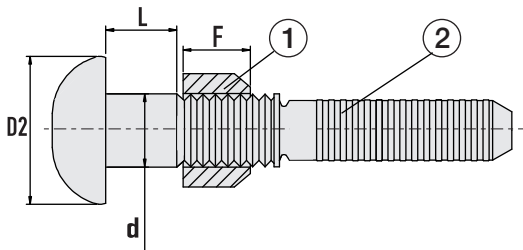
F = 8,0 + / -0,50 mm

L = + / -0,50 mm

 = 6,5 mm

		 CODE				100  = €
6,4 x 4,0 mm	3,5 - 4,5 mm	GBHCB 64040	250	11800 N	9200 N	
6,4 x 6,0 mm	5,5 - 6,5 mm	GBHCB 64060	250			
6,4 x 8,0 mm	7,5 - 8,5 mm	GBHCB 64080	250			
6,4 x 10,0 mm	9,5 - 10,5 mm	GBHCB 64100	250			
6,4 x 12,0 mm	11,5 - 12,5 mm	GBHCB 64120	250			
6,4 x 14,0 mm	13,5 - 14,5 mm	GBHCB 64140	250			
6,4 x 16,0 mm	15,5 - 16,5 mm	GBHCB 64160	250			
6,4 x 18,0 mm	17,5 - 18,5 mm	GBHCB 64180	250			
6,4 x 20,0 mm	19,5 - 20,5 mm	GBHCB 64200	250			
6,4 x 22,0 mm	21,5 - 22,5 mm	GBHCB 64220	250			
6,4 x 24,0 mm	23,5 - 24,5 mm	GBHCB 64240	250			
6,4 x 26,0 mm	25,5 - 26,5 mm	GBHCB 64260	250			

High Strength Grooved Rivets Dome Head



- ① Aluminum polishing
② Aluminum polishing

Ø 5,0 mm

$d = 5,0 \pm 0,10 \text{ mm}$

$D2 = 9,5 \pm 0,50 \text{ mm}$

$F = 6,0 \pm 0,50 \text{ mm}$

$L = \pm 0,50 \text{ mm}$

$\text{Groove width} = 5,1 \text{ mm}$

						100 = €
D1	S	CODE				
5,0 x 4,0 mm	3,5 - 4,5 mm	G5HCB 50040	250	3450 N	2360 N	
5,0 x 6,0 mm	5,5 - 6,5 mm	G5HCB 50060	250			
5,0 x 8,0 mm	7,5 - 8,5 mm	G5HCB 50080	250			
5,0 x 10,0 mm	9,5 - 10,5 mm	G5HCB 50100	250			
5,0 x 12,0 mm	11,5 - 12,5 mm	G5HCB 50120	250			
5,0 x 14,0 mm	13,5 - 14,5 mm	G5HCB 50140	250			
5,0 x 16,0 mm	15,5 - 16,5 mm	G5HCB 50160	250			

Ø 10,0 mm

$d = 10,0 \pm 0,10 \text{ mm}$

$D2 = 19,0 \pm 0,60 \text{ mm}$

$F = 11,4 \pm 0,50 \text{ mm}$

$L = \pm 0,50 \text{ mm}$

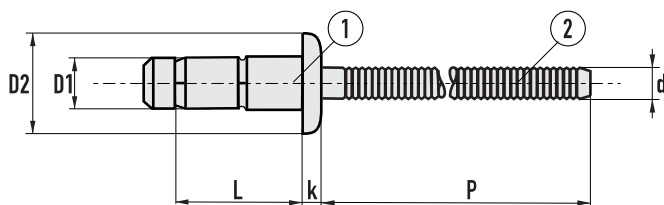
$\text{Groove width} = 10,1 \text{ mm}$

						100 = €
D1	S	CODE				
10,0 x 8,0 mm	7,5 - 8,5 mm	G5HCB 100080	250	18000 N	16000 N	
10,0 x 10,0 mm	9,5 - 10,5 mm	G5HCB 100100	250			
10,0 x 12,0 mm	11,5 - 12,5 mm	G5HCB 100120	250			
10,0 x 14,0 mm	13,5 - 14,5 mm	G5HCB 100140	250			
10,0 x 16,0 mm	15,5 - 16,5 mm	G5HCB 100160	250			
10,0 x 18,0 mm	17,5 - 18,5 mm	G5HCB 100180	250			
10,0 x 20,0 mm	19,5 - 20,5 mm	G5HCB 100200	250			

Premium Lock Domed Head with grooved mandrel



PREMIUM-LOCK



① Aluminum polishing

② Aluminum polishing

Ø 4,8 mm

D1 = 4,8+0,08/-0.15 mm

D2 = 9.5+/-0.3mm

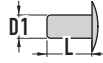
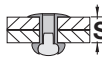
k = 2,4 +/-0.2

d = 3,1 mm

P = ≥ 30 mm

L = +0,3/-0,5 mm

⌀ 5,0 mm

						100 = €
4,8 x 9,0 mm	1,5~3,5 mm	AAD 04809 HL	250	2200 N	3000 N	
4,8 x 11,5 mm	3,5~6,0 mm	AAD 04811 HL	250			
4,8 x 14,0 mm	6,0 - 8,5 mm	AAD 04814 HL	250			
4,8 x 16,5 mm	8,5 - 11,0 mm	AAD 04816 HL	250			
4,8 x 19,0 mm	11,0 - 13,5 mm	AAD 04819 HL	250			

Ø 6,4 mm

D1 = 6,4+0,08/-0.15 mm

D1 = 12,8+/-0.3 mm

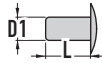
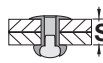
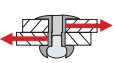
k = 2,9 +/-0.2

d = 4,17 mm

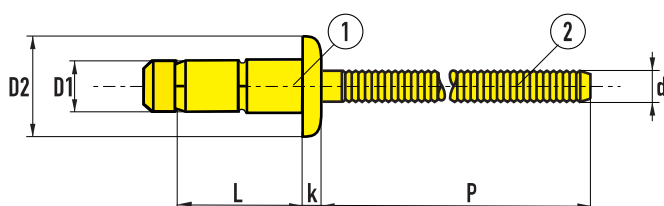
P = ≥ 32 mm

L = +0,3/-0,5 mm

⌀ 6,7 - 6,9 mm

						100 = €
6,4 x 10,5 mm	2,8 - 4,8 mm	AAD 06410 HL	250	5400 N	3700 N	
6,4 x 12,5 mm	4,8 - 6,8 mm	AAD 06412 HL	250			
6,4 x 14,5 mm	6,8 - 8,8 mm	AAD 06415 HL	250			
6,4 x 16,5 mm	8,8 - 10,8 mm	AAD 06416 HL	250			
6,4 x 18,5 mm	10,8 - 12,8 mm	AAD 06418 HL	250			
6,4 x 20,5 mm	12,8 - 14,8 mm	AAD 06420 HL	250			
6,4 x 22,5 mm	14,8 - 16,8 mm	AAD 06422 HL	250			
6,4 x 24,5 mm	16,8 - 18,8 mm	AAD 06424 HL	250			

Premium Lock Domed Head with grooved mandrel



① Steel zinc plated

② Steel zinc plated

Ø 4,8 mm

D1 = 4,8+0,08/-0.15 mm

D2 = 9.5+/-0.3mm

k = 2,4 +/- 0,2 mm

d = 3,1 mm

P ≥ 30 mm

L = +0,3/-0,5 mm

= 5,0 mm

		CODE				100 = €
4,8 x 9,0 mm	1,5~3,5 mm	SSD 04809 HL	250	5700 N	3800 N	
4,8 x 11,5 mm	3,5~6,0 mm	SSD 04811 HL	250			
4,8 x 14,0 mm	6,0 - 8,5 mm	SSD 04814 HL	250			
4,8 x 16,5 mm	8,5 - 11,0 mm	SSD 04816 HL	250			
4,8 x 19,0 mm	11,0 - 13,5 mm	SSD 04819 HL	250			

Ø 6,4 mm

D1 = 6,4+0,08/-0.15 mm

D1 = 12,8+/-0.3 mm

k = 2,9 +/- 0,2 mm

d = 4,17 mm

P ≥ 32 mm

L = +0,3/-0,5 mm

= 6,7 - 6,9 mm

		CODE				100 = €
6,4 x 9,5 mm	1,5 - 3,5 mm	SSD 06409 HL	250	9000 N	6500 N	
6,4 x 10,5 mm	2,8 - 4,8 mm	SSD 06410 HL	250			
6,4 x 12,5 mm	4,8 - 6,8 mm	SSD 06412 HL	250			
6,4 x 14,5 mm	6,8 - 8,8 mm	SSD 06415 HL	250			
6,4 x 16,5 mm	8,8 - 10,8 mm	SSD 06416 HL	250			
6,4 x 18,5 mm	10,8 - 12,8 mm	SSD 06418 HL	250			
6,4 x 20,5 mm	12,8 - 14,8 mm	SSD 06420 HL	250			
6,4 x 22,5 mm	14,8 - 16,8 mm	SSD 06422 HL	250			
6,4 x 24,5 mm	16,8 - 18,8 mm	SSD 06424 HL	250			

Ø 7,8 mm

D1 = 7,8 + 0,08 / - 0,15 mm

D2 = 16,0 + / - 0,3 mm

k = 3,6 +/- 0,2 mm

d = 5,10 mm

P ≥ 32 mm

L = +1/-0,2 mm

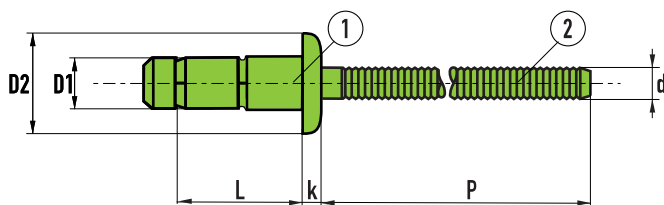
= 8,0 - 8,3 mm

		CODE				100 = €
7,8 x 13,5 mm	4,0 - 7,0 mm	SSD 07813 HL	250	16000 N	9300N	
7,8 x 16,5 mm	7,0 - 10,0 mm	SSD 07816 HL	250			
7,8 x 19,5 mm	10,0 - 13,0 mm	SSD 07819 HL	250			
7,8 x 22,5 mm	13,0 - 16,0 mm	SSD 07822 HL	250			
7,8 x 25,5 mm	16,0 - 19,0 mm	SSD 07828 HL	250			
7,8 x 28,5 mm	19,0 - 22,0 mm	SSD 07828 HL	250			
7,8 x 31,5 mm	22,0 - 25,0 mm	SSD 07831 HL	250			

Premium Lock Domed Head with grooved mandrel



PREMIUM-LOCK



① Stainless steel polishing

② Stainless steel polishing

Ø 4,8 mm

D1 = 4,8+0,08/-0.15 mm

D2 = 9.5+/-0.3mm

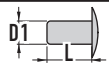
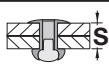
k = 2,4 +/-0.2

d = 3,1 mm

P = ≥ 30 mm

L = +0,3/-0,5 mm

⌀ 5,0 mm

						100 = €
4,8 x 9,0 mm	1,5~3,5 mm	BBD 04809 HL	250	5800 N	4000 N	
4,8 x 11,5 mm	3,5~6,0 mm	BBD 04811 HL	250			
4,8 x 14,0 mm	6,0 - 8,5 mm	BBD 04814 HL	250			
4,8 x 16,5 mm	8,5 - 11,0 mm	BBD 04816 HL	250			
4,8 x 19,0 mm	11,0 - 13,5 mm	SSD 04819 HL	250			

Ø 6,4 mm

D1 = 6,4+0,08/-0.15 mm

D1 = 12,8+/-0.3 mm

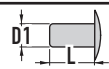
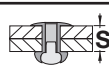
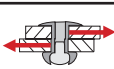
k = 2,9 +/- 0,2 mm

d = 4,17 mm

P = ≥ 32 mm

L = +0,3/-0,5 mm

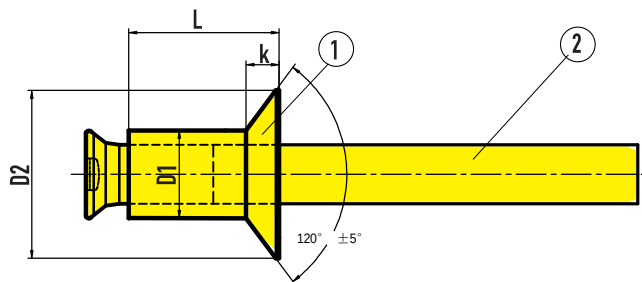
⌀ 6,7 - 6,9 mm

						100 = €
6,4 x 9,0 mm	1,5 - 3,5 mm	SSD 06409 HL	250	10000 N	8000 N	
6,4 x 10,5 mm	2,8 - 4,8 mm	SSD 06410 HL	250			
6,4 x 12,5 mm	4,8 - 6,8 mm	SSD 06412 HL	250			
6,4 x 14,5 mm	6,8 - 8,8 mm	SSD 06415 HL	250			
6,4 x 16,5 mm	8,8 - 10,8 mm	SSD 06416 HL	250			
6,4 x 18,5 mm	10,8 - 12,8 mm	SSD 06418 HL	250			
6,4 x 20,5 mm	12,8 - 14,8 mm	SSD 06420 HL	250			
6,4 x 22,5 mm	14,8 - 16,8 mm	SSD 06422 HL	250			
6,4 x 24,5 mm	16,8 - 18,8 mm	SSD 06424 HL	250			

Double Flash Blind Rivets



DOUBLE FLASH



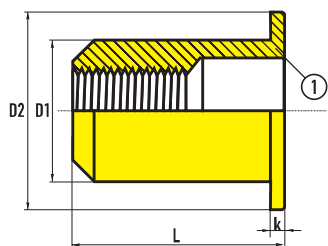
- 1 Steel zinc plated
- 2 Steel zinc plated

Ø 3.0 mm

D1 = 3.0+0,08/-0.15 mm
D2 = 5.2+/-0.3mm
k = 0.8+/-0.2mm
L = +/-0.2mm
= 3.3 mm

						 = €
3,0 x 2,3mm	1,5~2,0 mm	SSK 30023 LT	1000	800 N	700 N	
3,0 x 2,8mm	2,0~2,5 mm	SSK 30028 LT	1000			
3,0 x 3,3mm	2,5~3,0 mm	SSK 30033 LT	1000			
3,0 x 3,8mm	3,0~3,5 mm	SSK 30038 LT	1000			
3,0 x 4,3mm	3,0~4,0 mm	SSK 30043 LT	1000			
3,0 x 4,8mm	4,0~4,5mm	SSK 30048 LT	1000			
3,0 x 5,3mm	4,5~5,0mm	SSK 30053 LT	1000			
3,0 x 5,8mm	5,0~5,5mm	SSK 30058 LT	1000			
3,0 x 6,3mm	5,5~6,0mm	SSK 30063 LT	1000			

Blind Rivet Nuts (Inserts) Flat Head



Round shank
open type

① Steel zinc plated

M 3

D1 = 4,9 mm

D2 = 7 +/- 0,3 mm

k = 0,8 +/- 0,2 mm

L = +/- 0,3 mm

= 5 mm

M3 X 9,0 mm	0,5 - 2,0 mm	PYZ M3X9.0	250	2,0 Nm	1480 N	2500 N	
M3 X 11,0 mm	2,0 - 3,0 mm	PYZ M3X11.0	250	2,0 Nm	1480 N	2500 N	

M 4

D1 = 5,9 mm

D2 = 9 +/- 0,3 mm

k = 0,8 +/- 0,2 mm

L = +/- 0,3 mm

= 6 mm

M4 X 11,0 mm	0,5 - 2,0 mm	PYZ M4X11.0	250	4,5 Nm	3150 N	5850 N	
M4 X 13,0 mm	2,0 - 4,0 mm	PYZ M4X13.0	250				

M 5

D1 = 6,9 mm

D2 = 10 +/- 0,3 mm

k = 1,0 +/- 0,2 mm

L = +/- 0,3 mm

= 7 mm

M5 X 13,0 mm	0,5 - 2,5 mm	PYZ M5X13.0	250	5,4 Nm	4540 N	8860 N	
M5 X 15,0 mm	2,5 - 4,0 mm	PYZ M5X15.0	250				

M 6

D1 = 8,9 mm

D2 = 13 +/- 0,3 mm

k = 1,5 +/- 0,2 mm

L = +/- 0,3 mm

= 9 mm

M6 X 15,0 mm	0,5 - 3,0 mm	PYZ M6X15.0	250	17,9 Nm	6600 N	11430 N	
M6 X 17,0 mm	3,0 - 5,0 mm	PYZ M6X17.0	250				

M 8

D1 = 10,9 mm

D2 = 15 +/- 0,3 mm

k = 1,5 +/- 0,2 mm

L = +/- 0,3 mm

= 11 mm

M8 X 17,0 mm	1,0 - 3,0 mm	PYZ M8X17.0	250	32,0 Nm	9400 N	11950 N	
M8 X 19,0 mm	3,0 - 5,0 mm	PYZ M8X19.0	250				

M 10

D1 = 11,9 mm

D2 = 16 +/- 0,3 mm

k = 1,7 +/- 0,2 mm

L = +/- 0,3 mm

= 12 mm

M10 X 19,0 mm	1,0 - 3,0 mm	PYZ M10AX19.0	250	55,0 Nm	10230 N	14300 N	
M10 X 21,0 mm	3,0 - 6,0 mm	PYZ M10AX21.0	250				

M 10

D1 = 12,9 mm

D2 = 17 +/- 0,3 mm

k = 1,7 +/- 0,2 mm

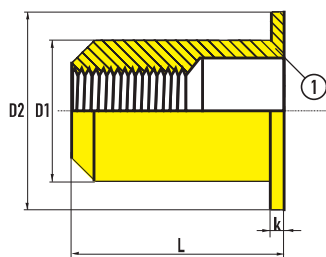
L = +/- 0,3 mm

= 13 mm

M10 X 19,0 mm	1,5 - 3,5 mm	PYZ M10 X19.0	250	55,0 Nm	10230 N	14300 N	
M10 X 21,0 mm	1,0 - 4,0 mm	PYZ M10 X21.0	250				

Note: D1=12.9 mm also available upon request;pay attention to the item No.

Blind Rivet Nuts (Inserts) Flat Head



Round shank
open type

① Steel zinc plated

M 12

D1 = 14,9 mm

D2 = 18 +/- 0,3 mm

k = 1,7 +/- 0,2 mm

L = +/- 0,3 mm

= 15 mm

M12 X 22,0 mm	1,0 - 4,0 mm	PYZ M12A X22.0	250	63,0 Nm	12520 N	28000 N	
M12 X 25,0 mm	4,0 - 6,5 mm	PYZ M12A X25.0	250	63,0 Nm	12520 N	28000 N	

M 12

D1 = 15,9 mm

D2 = 22 +/- 0,3 mm

k = 2,0 +/- 0,2 mm

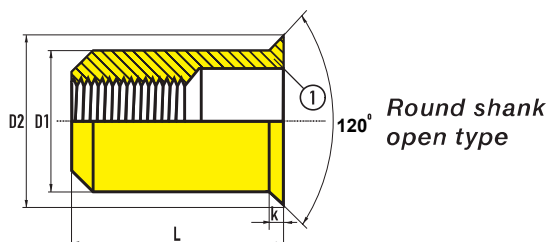
L = +/- 0,3 mm

= 16 mm

M12 X 25,0 mm	1,0 - 4,0 mm	PYZ M12 X25.0	250	63,0 Nm	12520 N	28000 N	

Note: D1=15.9 mm also available upon request; pay attention to the item No.

Blind Rivet Nuts (Inserts) reduced Head



① Steel zinc plated

M 3

D1 = 4,9 mm
D2 = 5,8 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

= 5 mm

M3 X 9,0 mm	0,5 - 2,0 mm	XYZ M3X9.0	250	2,0 Nm	1480 N	2500 N	
M3 X 11,0 mm	2,0 - 3,0 mm	XYZ M3X11.0	250	2,0 Nm	1480 N	2500 N	

M 4

D1 = 5,9 mm
D2 = 7,0 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

= 6 mm

M4 X 10,5 mm	0,5 - 2,5 mm	XYZ M4X10.5	250	2,8 Nm	2720 N	5950 N	
M4 X 13,0 mm	2,5 - 4,0 mm	XYZ M4X13.0	250	2,8 Nm	2720 N	5950 N	

M 5

D1 = 6,9 mm
D2 = 8,2 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

= 7 mm

M5 X 12,5 mm	0,5 - 2,5 mm	XYZ M5X12.5	250	5,8 Nm	3880 N	8400 N	
M5 X 15,0 mm	2,5 - 4,0 mm	XYZ M5X15.0	250	5,8 Nm	3880 N	8400 N	

M 6

D1 = 8,9 mm
D2 = 10,5 +/- 0,3 mm
k = 0,6 +/- 0,2 mm
L = +/- 0,3 mm

= 9 mm

M6 X 14,0 mm	0,5 - 3,0 mm	XYZ M6X14.0	250	10,4 Nm	5690 N	9840 N	
M6 X 17,0 mm	3,0 - 5,5 mm	XYZ M6X17.0	250	10,4 Nm	5690 N	9840 N	

M 8

D1 = 10,9 mm
D2 = 12,4 +/- 0,3 mm
k = 0,7 +/- 0,2 mm
L = +/- 0,3 mm

= 11 mm

M8 X 17,0 mm	0,5 - 3,0 mm	XYZ M8X17.0	250	15,0 Nm	8500 N	10300 N	
M8 X 19,0 mm	3,0 - 5,5 mm	XYZ M8X19.0	250	15,0 Nm	8500 N	10300 N	

M 10

D1 = 11,9 mm
D2 = 13,6 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm

= 12 mm

M10 X 19,0 mm	0,5 - 3,0 mm	XYZ M10AX19.0	250	17,6 Nm	9150 N	14210 N	
M10 X 21,0 mm	3,0 - 5,5 mm	XYZ M10AX21.0	250	17,6 Nm	9150 N	14210 N	

M 10

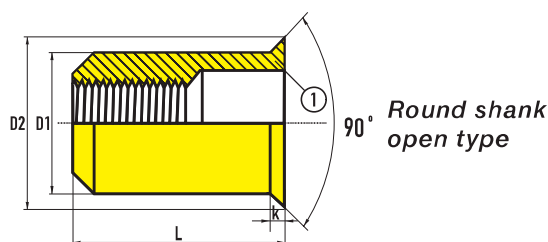
D1 = 12,9 mm
D2 = 14,6 +/- 0,3 mm
k = 0,9 +/- 0,2 mm
L = +/- 0,3 mm

= 13 mm

M10 X 19,0 mm	0,5 - 3,0 mm	XYZ M10X19.0	250	17,6 Nm	9150 N	14210 N	
M10 X 21,0 mm	3,0 - 5,5 mm	XYZ M10X21.0	250	17,6 Nm	9150 N	14210 N	

Note: D1=12.9 mm also available upon request; pay attention to the item No.

Blind Rivet Nuts (Inserts) Countersunk Head



① Steel zinc plated

M 3

D1 = 4,9 mm
D2 = 8 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm
= 5 mm

M3 X 9,0 mm	1,5 - 2,5 mm	CYZ M3X9.0	250	2,0 Nm	1480 N	2500 N	
M3 X 11,0 mm	2,5 - 4,0 mm	CYZ M3X11.0	250	2,0 Nm	1480 N	2500 N	

M 4

D1 = 5,9 mm
D2 = 9 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm
= 6 mm

M4 X 11,0 mm	1,5 - 3,5 mm	CYZ M4X11.0	250	2,8 Nm	2720 N	5950 N	
M4 X 13,0 mm	3,5 - 5,0 mm	CYZ M4X13.0	250	2,8 Nm	2720 N	5950 N	

M 5

D1 = 6,9 mm
D2 = 10 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm
= 7 mm

M5 X 13,0 mm	1,5 - 4,0 mm	CYZ M5X13.0	250	5,8 Nm	3880 N	8400 N	
M5 X 15,0 mm	4,0 - 6,0 mm	CYZ M5X15.0	250	5,8 Nm	3880 N	8400 N	

M 6

D1 = 8,9 mm
D2 = 12 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm
= 9 mm

M6 X 15,0 mm	1,5 - 4,0 mm	CYZ M6X15.0	250	10,4 Nm	5690 N	9840 N	
M6 X 17,0 mm	4,0 - 6,0 mm	CYZ M6X17.0	250	10,4 Nm	5690 N	9840 N	

M 8

D1 = 10,9 mm
D2 = 14 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm
= 11 mm

M8 X 17,0 mm	1,5 - 4,0 mm	CYZ M8X17.0	250	15,0 Nm	8500 N	10300 N	
M8 X 19,0 mm	4,0 - 6,0 mm	CYZ M8X19.0	250	15,0 Nm	8500 N	10300 N	

M 10

D1 = 11,9 mm
D2 = 15 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm
= 12 mm

M10 X 19,0 mm	1,5 - 4,0 mm	CYZ M10AX19.0	250	17,6 Nm	9150 N	14210 N	
M10 X 21,0 mm	4,0 - 6,0 mm	CYZ M10AX21.0	250	17,6 Nm	9150 N	14210 N	

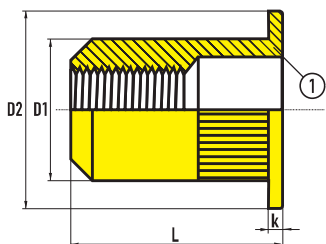
M 10

D1 = 12,9 mm
D2 = 16 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm
= 13 mm

M10 X 19,0 mm	1,5 - 4,0 mm	CYZ M10X19.0	250	17,6 Nm	9150 N	14210 N	
M10 X 21,0 mm	4,0 - 6,0 mm	CYZ M10X21.0	250	17,6 Nm	9150 N	14210 N	

Note: D1=12.9 mm also available upon request; pay attention to the item No.

Blind Rivet Nuts (Inserts) Flat Head



Round shank knurled
open type

① Steel zinc plated

M 3

D1 = 4,9 mm
D2 = 7 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm
 = 5 mm

M3 X 9,0 mm	0,5 - 2,0 mm	PZW M3X9.0	250	2,0 Nm	1480 N	2500 N	
M3 X 11,0 mm	2,0 - 3,0 mm	PZW M3X11.0	250	2,0 Nm	1480 N	2500 N	

M 4

D1 = 5,9 mm
D2 = 9 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm
 = 6 mm

M4 X 11,0 mm	0,5 - 2,0 mm	PZW M4X11.0	250	4,5 Nm	3150 N	5850 N	
M4 X 13,0 mm	2,0 - 4,0 mm	PZW M4X13.0	250				

M 5

D1 = 6,9 mm
D2 = 10 +/- 0,3 mm
k = 1,0 +/- 0,2 mm
L = +/- 0,3 mm
 = 7 mm

M5 X 13,0 mm	0,5 - 2,5 mm	PZW M5X13.0	250	5,4 Nm	4540 N	8860 N	
M5 X 15,0 mm	2,5 - 4,0 mm	PZW M5X15.0	250				

M 6

D1 = 8,9 mm
D2 = 13 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm
 = 9 mm

M6 X 15,0 mm	0,5 - 3,0 mm	PZW M6X15.0	250	17,9 Nm	6600 N	11430 N	
M6 X 17,0 mm	3,0 - 5,0 mm	PZW M6X17.0	250				

M 8

D1 = 10,9 mm
D2 = 15 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm
 = 11 mm

M8 X 17,0 mm	0,5 - 3,0 mm	PZW M8X17.0	250	32,0 Nm	9400 N	11950 N	
M8 X 19,0 mm	3,0 - 5,0 mm	PZW M8X19.0	250				

M 10

D1 = 11,9 mm
D2 = 16 +/- 0,3 mm
k = 1,7 +/- 0,2 mm
L = +/- 0,3 mm
 = 12 mm

M10 X 19,0 mm	1,0 - 3,0 mm	PZW M10AX19.0	250	55,0 Nm	10230 N	14300 N	
M10 X 21,0 mm	3,0 - 6,0 mm	PZW M10AX21.0	250				

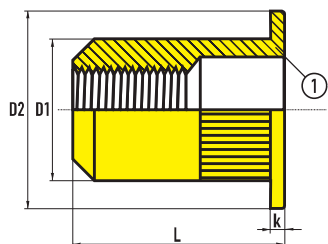
M 10

D1 = 12,9 mm
D2 = 17 +/- 0,3 mm
k = 1,7 +/- 0,2 mm
L = +/- 0,3 mm
 = 13 mm

M10 X 19,0 mm	1,5 - 3,5 mm	PZW M10X19.0	250	55,0 Nm	10230 N	14300 N	
M10 X 21,0 mm	2,0 - 4,0 mm	PZW M10X21.0	250				

Note: D1=12.9 mm also available upon request; pay attention to the item No.

Blind Rivet Nuts (Inserts) Flat Head



Round shank knurled
open type

① Steel zinc plated
open type

M 12

D1 = 14,9 mm

D2 = 18 +/- 0,3 mm

k = 1,7 +/- 0,2 mm

L = +/- 0,3 mm

= 15 mm

M12 X 22,0 mm	1,0 - 4,0 mm	PZW M12AX22.0	250	63,0 Nm	12520 N	28000 N	
M12 X 25,0 mm	4,0 - 6,5 mm	PZW M12AX25.0	250	63,0 Nm	12520 N	28000 N	

M 12

D1 = 15,9 mm

D2 = 22 +/- 0,3 mm

k = 2,0 +/- 0,2 mm

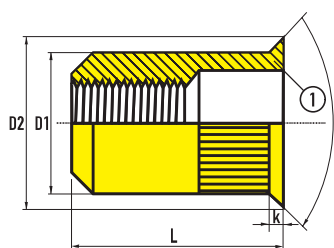
L = +/- 0,3 mm

= 16 mm

M12 X 25,0 mm	1,0 - 3,5 mm	PZW M12X25.0	250	63,0 Nm	12520 N	28000 N	

Note: D1=15.9 mm also available upon request;pay attention to the item No.

Blind Rivet Nuts (Inserts) reduced Head



Round shank knurled
open type

① Steel zinc plated

M 3

D1 = 4,9 mm
D2 = 5,8 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

⚙️ = 5 mm

M3 X 9,0 mm	0,5 - 2,0 mm	XZW M3X 9.0	250	2,0 Nm	1480 N	2500 N	
M3 X 11,0 mm	2,0 - 3,0 mm	XZW M3X11.0	250	2,0 Nm	1480 N	2500 N	

M 4

D1 = 5,9 mm
D2 = 7,0 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

⚙️ = 6 mm

M4 X 10,5 mm	0,5 - 2,0 mm	XZW M4X10.5	250	2,8 Nm	2720 N	5950 N	
M4 X 13,0 mm	2,0 - 3,5 mm	XZW M4X13.0	250	2,8 Nm	2720 N	5950 N	

M 5

D1 = 6,9 mm
D2 = 8,2 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

⚙️ = 7 mm

M5 X 12,5 mm	0,5 - 2,5 mm	XZW M5X12.5	250	5,8 Nm	3880 N	8400 N	
M5 X 15,0 mm	2,5 - 4,0 mm	XZW M5X15.0	250	5,8 Nm	3880 N	8400 N	

M 6

D1 = 8,9 mm
D2 = 10,5 +/- 0,3 mm
k = 0,6 +/- 0,2 mm
L = +/- 0,3 mm

⚙️ = 9 mm

M6 X 15,0 mm	0,5 - 3,0 mm	XZW M6X15.0	250	10,4 Nm	5690 N	9840 N	
M6 X 17,0 mm	3,0 - 5,0 mm	XZW M6X17.0	250	10,4 Nm	5690 N	9840 N	

M 8

D1 = 10,9 mm
D2 = 12,4 +/- 0,3 mm
k = 0,7 +/- 0,2 mm
L = +/- 0,3 mm

⚙️ = 11 mm

M8 X 17,0 mm	0,5 - 3,0 mm	XZW M8X17.0	250	15,0 Nm	8500 N	10300 N	
M8 X 19,0 mm	3,0 - 5,0 mm	XZW M8X19.0	250	15,0 Nm	8500 N	10300 N	

M 10

D1 = 11,9 mm
D2 = 13,6 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm

⚙️ = 12 mm

M10 X 19,0 mm	0,5 - 2,5 mm	XZW M10AX19.0	250	17,6 Nm	9150 N	14210 N	
M10 X 21,0 mm	3,0 - 5,5 mm	XZW M10AX21.0	250	17,6 Nm	9150 N	14210 N	

M 10

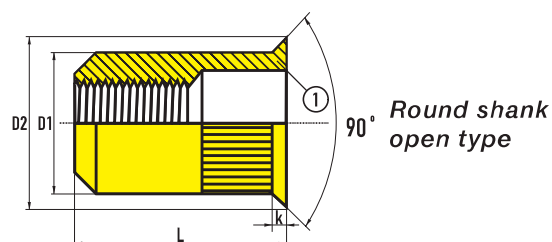
D1 = 12,9 mm
D2 = 14,5 +/- 0,3 mm
k = 0,9 +/- 0,2 mm
L = +/- 0,3 mm

⚙️ = 13 mm

M10 X 19,0 mm	0,5 - 2,5 mm	XZW M10X19.0	250	17,6 Nm	9150 N	14210 N	
M10 X 21,0 mm	3,0 - 5,5 mm	XZW M10X21.0	250	17,6 Nm	9150 N	14210 N	

Note: D1=12.9 mm also available upon request; pay attention to the item No.

Blind Rivet Nuts (Inserts) Countersunk Head



① Steel zinc plated

M 3

D1 = 4,9 mm
D2 = 8,0 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

= 5 mm

M3 X 9,0 mm	1,5 - 2,5 mm	CZW M3X 9.0	250	2,0 Nm	1480 N	2500 N	
M3 X 11,0 mm	2,5 - 4,0 mm	CZW M3X11.0	250	2,0 Nm	1480 N	2500 N	

M 4

D1 = 5,9 mm
D2 = 9,0 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

= 6 mm

M4 X 11,0 mm	1,5 - 3,5 mm	CZW M4X11.0	250	2,8 Nm	2720 N	5950 N	
M4 X 13,0 mm	3,5 - 5,0 mm	CZW M4X13.0	250	2,8 Nm	2720 N	5950 N	

M 5

D1 = 6,9 mm
D2 = 10 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

= 7 mm

M5 X 13,0 mm	1,5 - 4,0 mm	CZW M5X13.0	250	5,8 Nm	3880 N	8400 N	
M5 X 15,0 mm	4,0 - 6,0 mm	CZW M5X15.0	250	5,8 Nm	3880 N	8400 N	

M 6

D1 = 8,9 mm
D2 = 12,0 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

= 9 mm

M6 X 15,0 mm	1,5 - 4,0 mm	CZW M6X15.0	250	10,4 Nm	5690 N	9840 N	
M6 X 17,0 mm	4,0 - 6,0 mm	CZW M6X17.0	250	10,4 Nm	5690 N	9840 N	

M 8

D1 = 10,9 mm
D2 = 14,0 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

= 11 mm

M8 X 17,0 mm	1,5 - 4,0 mm	CZW M8X17.0	250	15,0 Nm	8500 N	10300 N	
M8 X 19,0 mm	4,0 - 6,0 mm	CZW M8X19.0	250	15,0 Nm	8500 N	10300 N	

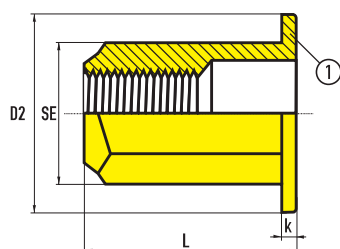
M 10

D1 = 11,9 mm
D2 = 15,0 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

= 12 mm

M10 X 19,0 mm	1,5 - 4,0 mm	CZW M10X19.0	250	17,6 Nm	9150 N	14210 N	
M10 X 21,0 mm	4,0 - 6,0 mm	CZW M10X21.0	250	17,6 Nm	9150 N	14210 N	

Blind Rivet Nuts (Inserts) Flat Head



Hexagonal shank
open type

① Steel zinc plated

M 4

SW = 6 mm
SW1 = 6,1 mm
SE = 6,8 mm
D2 = 9,0 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm

M4 X 11,0 mm	0,5 - 2,0 mm	PQL M4X11,0	250	5,0 Nm	2740 N	7500 N	

M 5

SW = 7 mm
SW1 = 7,1 mm
SE = 7,9 mm
D2 = 10,0 +/- 0,3 mm
k = 1,0 +/- 0,2 mm
L = +/- 0,3 mm

M5 X 14,0 mm	0,5 - 3,0 mm	PQL M5X14,0	250	6,8 Nm	3460 N	9780 N	

M 6

SW = 9 mm
SW1 = 9,1 mm
SE = 10,2 mm
D2 = 12,7 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

M6 X 16,0 mm	0,5 - 3,0 mm	PQL M6X16,0	250	20,0 Nm	4350 N	10250 N	

M 8

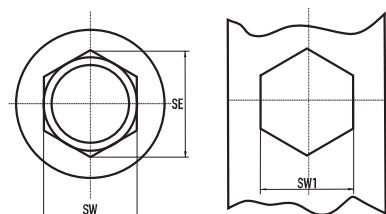
SW = 11 mm
SW1 = 11,1 mm
SE = 12,4 mm
D2 = 15,5 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

M8 X 18,0 mm	0,5 - 3,0 mm	PQL M8X18,0	250	39,0 Nm	8400 N	12700 N	

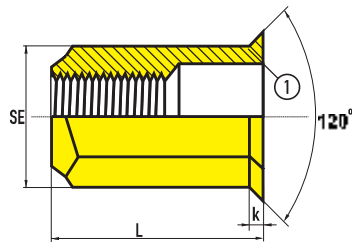
M 10

SW = 13 mm
SW1 = 13,1 mm
SE = 14,7 mm
D2 = 18,0 +/- 0,3 mm
k = 1,7 +/- 0,2 mm
L = +/- 0,3 mm

M10 X 21,0 mm	1,0 - 3,5 mm	PQL M10X21,0	250	70,0 Nm	9650 N	17200 N	



Blind Rivet Nuts (Inserts) reduced Head



Hexagonal shank
open type

① Steel zinc plated

M 4

SW = 6 mm
SW1 = 6,1 mm (SW + 0,1 mm)
SE = 6,8 mm
S = 7,0 +/- 0,35 mm
k = 0,6 +/- 0,2 mm
L = +/- 0,3 mm

M4 X 11,0 mm	0,5 - 2,5 mm	XQL M4X11,0	250	4,0 Nm	2700 N	5700 N	

M 5

SW = 7 mm
SW1 = 7,1 mm (SW + 0,1 mm)
SE = 7,9 mm
S = 8,0 +/- 0,35 mm
k = 0,7 +/- 0,2 mm
L = +/- 0,3 mm

M5 X 14,0 mm	0,5 - 2,5 mm	XQL M5X14,0	250	8,0 Nm	3280 N	8600 N	

M 6

SW = 9 mm
SW1 = 9,1 mm (SW + 0,1 mm)
SE = 10,2 mm
S = 10,0 +/- 0,35 mm
k = 0,7 +/- 0,2 mm
L = +/- 0,3 mm

M6 X 16,0 mm	0,5 - 3,0 mm	XQL M6X16,0	250	11,7 Nm	4100 N	11200 N	

M 8

SW = 11 mm
SW1 = 11,1 mm (SW + 0,1 mm)
SE = 12,4 mm
S = 12,0 +/- 0,35 mm
k = 0,9 +/- 0,2 mm
L = +/- 0,3 mm

M8 X 18,0 mm	0,5 - 3,5 mm	XQL M8X18,0	250	36,0 Nm	7180 N	11850 N	

M 10

SW = 12 mm
SW1 = 12,1 mm (SW + 0,1 mm)
SE = 13,7 mm
S = 13,0 +/- 0,35 mm
k = 0,9 +/- 0,2 mm
L = +/- 0,3 mm

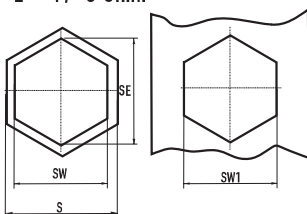
M10 X 19,0 mm	1,0 - 4,0 mm	XQL M10AX19,0	250	70,0 Nm	9650 N	17200 N	

M 10

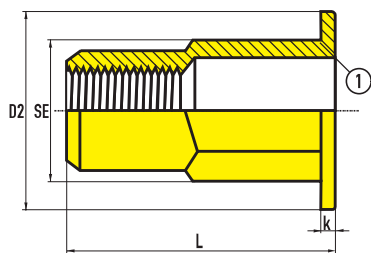
SW = 13 mm
SW1 = 13,1 mm
SE = 14,7 mm
S = 15,0 +/- 0,35 mm
k = 1,0 +/- 0,2 mm
L = +/- 0,3 mm

M10 X 23,0 mm	1,0 - 4,0 mm	XQL M10X23,0	250	70,0 Nm	9650 N	17200 N	

Note: D1=13 mm also available upon request; pay attention to the item No.



Blind Rivet Nuts (Inserts) Flat Head



① Semi-hexagonal shank
open type

① Steel zinc plated
open type

M 4

SW = 5,9 mm
SW1 = 6 mm (SW + 0,1 mm)
SE = 6,8 mm
D2 = 9,0 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm

M4X11.0mm	0,5 - 2,0 mm	PBL M4X11.0	250	4,0 Nm	2710 N	3700 N

M 5

SW = 6,9 mm
SW1 = 7 mm (SW + 0,1 mm)
SE = 7,9 mm
D2 = 10,0 +/- 0,3 mm
k = 1,0 +/- 0,2 mm
L = +/- 0,3 mm

M5 X 13,5 mm	0,5 - 2,5 mm	PBL M5X13.5	250	6,0 Nm	3320 N	5950 N

M 6

SW = 8,9 mm
SW1 = 9 mm (SW + 0,1 mm)
SE = 10,2 mm
D2 = 12,7 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

M6 X 15,0 mm	0,5 - 3,0 mm	PQL M6X15.0	250	10,8 Nm	4250 N	9300 N

M 8

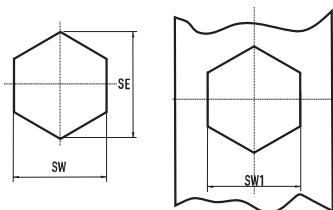
SW = 10,9 mm
SW1 = 11 mm (SW + 0,1 mm)
SE = 12,4 mm
D2 = 15,0 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm

M8 X 18,0 mm	0,5 - 4,0 mm	PQL M8X18.0	250	23,8 Nm	7500 N	12350 N

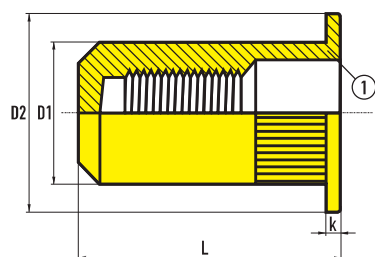
M10

SW = 12,9 mm
SW1 = 13 mm (SW + 0,1 mm)
SE = 14,6 mm
D2 = 18,0 +/- 0,3 mm
k = 1,7 +/- 0,2 mm
L = +/- 0,3 mm

M10X21.0 mm	0,5 - 4,0 mm	PBL M10X21.0	250	70,0 Nm	9650 N	17200 N



Blind Rivet Nuts (Inserts) Flat Head



closed type

① Steel zinc plated

M 4

D1 = 5,9 mm

D2 = 9 +/- 0,3 mm

k = 0,8 +/- 0,2 mm

L = +/- 0,3 mm

= 6 mm

M4 X 16,5 mm	0,5 - 2,5 mm	PZF M4X16.5	250	4,0 Nm	2100 N	6000 N	
M4 X 18,0 mm	2,5 - 4,0 mm	PZF M4X18.0	250	4,0 Nm	2100 N	6000 N	

M 5

D1 = 6,9 mm

D2 = 10 +/- 0,3 mm

k = 1,0 +/- 0,2 mm

L = +/- 0,3 mm

= 7 mm

M5 X 18,5 mm	0,5 - 2,5 mm	PZF M5X18.5	250	8,0 Nm	2600 N	10500 N	
M5 X 20,5 mm	2,5 - 4,0 mm	PZF M5X20.5	250	8,0 Nm	2600 N	10500 N	

M 6

D1 = 8,9 mm

D2 = 13 +/- 0,3 mm

k = 1,5 +/- 0,2 mm

L = +/- 0,3 mm

= 9 mm

M6 X 22,5 mm	0,5 - 3,0 mm	PZF M6X22.5	250	15,0 Nm	3800 N	16500 N	
M6 X 24,5 mm	3,0 - 5,0 mm	PZF M6X24.5	250	15,0 Nm	3800 N	16500 N	

M 8

D1 = 10,9 mm

D2 = 15 +/- 0,3 mm

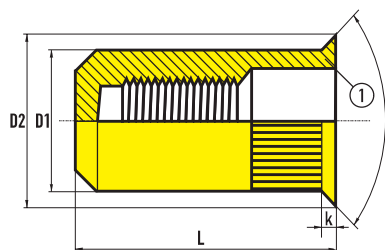
k = 1,5 +/- 0,2 mm

L = +/- 0,3 mm

= 11 mm

M8 X 25,5 mm	0,5 - 3,0 mm	PZF M8X25.5	250	26,0 Nm	5400 N	24000 N	
M8 X 28,0 mm	3,0 - 5,5 mm	PZF M8X28.0	250	26,0 Nm	5400 N	24000 N	

Blind Rivet Nuts (Inserts) reduced Head



Round shank knurled
closed type

① Steel zinc plated

M 4

D1 = 5,9 mm
D2 = 7,0 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

= 6 mm

M4 X 17,0 mm	1,0 - 2,5 mm	XZF M4X17.0	250	4,0 Nm	2100 N	6000 N	

M 5

D1 = 6,9 mm
D2 = 8,2 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

= 7 mm

M5 X 20,0 mm	1,0 - 2,5 mm	XZF M5X20.0	250	8,0 Nm	2600 N	10500 N	

M 6

D1 = 8,9 mm
D2 = 10,5 +/- 0,3 mm
k = 0,6 +/- 0,2 mm
L = +/- 0,3 mm

= 9 mm

M6 X 23,0 mm	1,5 - 3,0 mm	XZF M6X23.0	250	15,0 Nm	3800 N	16500 N	

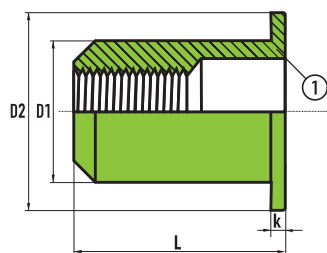
M 8

D1 = 10,9 mm
D2 = 12,4 +/- 0,3 mm
k = 0,7 +/- 0,2 mm
L = +/- 0,3 mm

= 11 mm

M8 X 23,5 mm	1,5 - 3,0 mm	XZF M8X23.5	250	26,0 Nm	5400 N	24000 N	

Blind Rivet Nuts (Inserts) Flat Head



Round shank
open type

① Stainless steel A2

M 4

D1 = 5,9 mm
D2 = 9,0 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm
= 6 mm

M4 X 11,0 mm	0,5 - 2,5 mm	PYB M4X11.0	250	3,6 Nm	3300 N	6000 N	

M 5

D1 = 6,9 mm
D2 = 10 +/- 0,3 mm
k = 1,0 +/- 0,2 mm
L = +/- 0,3 mm
= 7 mm

M5 X 13,0 mm	0,5 - 3,0 mm	PYB M5X13.0	250	8,0 Nm	4010 N	9650 N	

M 6

D1 = 8,9 mm
D2 = 12 +/- 0,3 mm
k = 1,3 +/- 0,2 mm
L = +/- 0,3 mm
= 9 mm

M6 X 15,0 mm	0,5 - 3,0 mm	PYB M6X15.0	250	13,1 Nm	6140 N	14150 N	

M 8

D1 = 10,9 mm
D2 = 14,5 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm
= 11 mm

M8 X 18,0 mm	0,5 - 4,0 mm	PYB M8X18.0	250	22,0 Nm	9320 N	18870 N	

M 10

D1 = 12,9 mm
D2 = 16,5 +/- 0,3 mm
k = 1,8 +/- 0,2 mm
L = +/- 0,2 mm
= 13 mm

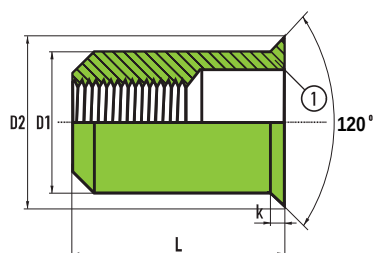
M10 X 21,0 mm	1,0 - 5,0 mm	PYB M10X21.0	250	39,0 Nm	10010 N	26490 N	

M 12

D1 = 14,9 mm
D2 = 19 +/- 0,3 mm
k = 1,8 +/- 0,2 mm
L = +/- 0,3 mm
= 15 mm

M12 X 24,0 mm	1,5 - 6,0 mm	PYB M10X24.0	250	—	—	—	

Blind Rivet Nuts (Inserts) reduced Head



Round shank
open type

① Stainless steel A2

M 4

D1 = 5,9 mm
D2 = 8,0 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm
 = 6 mm

M4 X 10,0 mm	0,5 - 2,5 mm	XYB M4X10.0	250	3,6 Nm	3300 N	6000 N	

M 5

D1 = 6,9 mm
D2 = 9,0 +/- 0,3 mm
k = 0,6 +/- 0,2 mm
L = +/- 0,3 mm
 = 7 mm

M5 X 12,0 mm	0,5 - 3,0 mm	XYB M5X12.0	250	8,0 Nm	4010 N	9650 N	

M 6

D1 = 8,9 mm
D2 = 11,0 +/- 0,3 mm
k = 0,6 +/- 0,2 mm
L = +/- 0,3 mm
 = 9 mm

M6 X 14,0 mm	0,5 - 3,0 mm	XYB M6X14.0	250	13,1 Nm	6140 N	14150 N	

M 8

D1 = 10,9 mm
D2 = 13,0 +/- 0,3 mm
k = 0,6 +/- 0,2 mm
L = +/- 0,3 mm
 = 11 mm

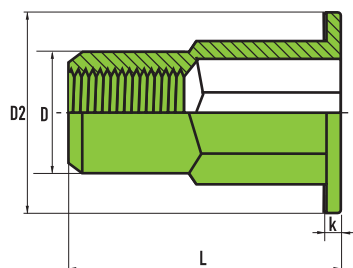
M8 X 16,5 mm	0,5 - 4,0 mm	XYB M8X16.5	250	22,0 Nm	9320 N	18870 N	

M 10

D1 = 12,9 mm
D2 = 16,0 +/- 0,3 mm
k = 0,85 +/- 0,2 mm
L = +/- 0,3 mm
 = 13 mm

M10 X 19,5 mm	1,0 - 4,5 mm	XYB M10X19.5	250	39,0 Nm	10010 N	26490 N	

Blind Rivet Nuts (Inserts) Flat Head



Semi-hexagonal shank
open type

① Stainless steel A2

M 4

D = 6 mm

SW1 = 6.1 mm (D + 0.1 mm)

D2 = 9.0 +/- 0.5 mm

k = 0.8 +/- 0.3 mm

L = +/- 0.5 mm

M4X10,5 mm	0,5 - 2,5 mm	BPBL M4X10.5	500	3,0 Nm	3300 N	6800 N	

M 5

D = 7 mm

SW1 = 7.1 mm (D + 0.1 mm)

D2 = 10.0 +/- 0.5 mm

k = 1.0 +/- 0.3 mm

L = +/- 0.5 mm

M5 X 12,5 mm	0,5 - 3,0 mm	BPBL M5X12.5	500	6,0 Nm	4500 N	10000 N	

M 6

D = 9 mm

SW1 = 9.1 mm (D + 0.1 mm)

D2 = 12.0 +/- 0.5 mm

k = 1.3 +/- 0.3 mm

L = +/- 0.5 mm

M6 X 15,0 mm	0,5 - 3,0 mm	BPBL M6X15.0	500	9,5 Nm	6500 N	15000 N	

M 8

D = 11 mm

SW1 = 11.1 mm (D + 0.1 mm)

D2 = 14.5 +/- 0.5 mm

k = 1.5 +/- 0.3 mm

L = +/- 0.5 mm

M8 X 18,0 mm	0,5 - 4,0 mm	BPBL M8X18.0	250	24,0 Nm	9700 N	27000 N	

M 10

D1 = 13 mm

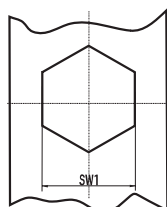
SW1 = 13.1 mm (D + 0.1 mm)

D2 = 16.5 +/- 0.5 mm

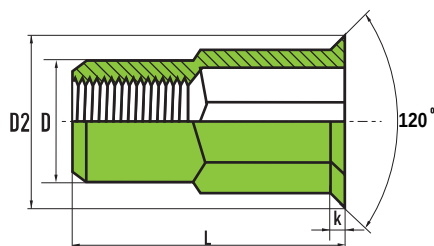
k = 1.8 +/- 0.3 mm

L = +/- 0.5 mm

M10 X 21,0 mm	1,0 - 5,0 mm	XYB M10X21.0	250	39,0 Nm	10010 N	26490 N	



Blind Rivet Nuts (Inserts) reduced Head



*Semi-hexagonal shank
open type*

① Stainless steel A2

M 4

$D = 6 \text{ mm}$

$SW1 = 6.1 \text{ mm } (D + 0.1 \text{ mm})$

$D2 = 6.75 \pm 0.5 \text{ mm}$

$k = 0.5 \pm 0.3 \text{ mm}$

$L = \pm 0.5 \text{ mm}$

M4X10,0 mm	0,5 - 2,5 mm	BXBL M4X10.0	500	3,0 Nm	3300 N	6800 N

M 5

$D = 7 \text{ mm}$

$SW1 = 7.1 \text{ mm } (D + 0.1 \text{ mm})$

$D2 = 8.0 \pm 0.5 \text{ mm}$

$k = 0.6 \pm 0.3 \text{ mm}$

$L = \pm 0.5 \text{ mm}$

M5 X 12,0 mm	0,5 - 2,5 mm	BXBL M5X12.0	500	6,0 Nm	4500 N	10000 N

M 6

$D = 9 \text{ mm}$

$SW1 = 9.1 \text{ mm } (D + 0.1 \text{ mm})$

$D2 = 10.0 \pm 0.5 \text{ mm}$

$k = 0.6 \pm 0.3 \text{ mm}$

$L = \pm 0.5 \text{ mm}$

M6 X 14,0 mm	0,5 - 3,0 mm	BXBL M6X14.0	500	9,5 Nm	6500 N	15000 N

M 8

$D = 11 \text{ mm}$

$SW1 = 11.1 \text{ mm } (D + 0.1 \text{ mm})$

$D2 = 12.0 \pm 0.5 \text{ mm}$

$k = 0.6 \pm 0.3 \text{ mm}$

$L = \pm 0.5 \text{ mm}$

M8 X 16,5 mm	0,5 - 4,0 mm	BXBL M8X16.5	250	24,0 Nm	9700 N	27000 N

M 10

$D1 = 13 \text{ mm}$

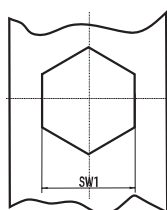
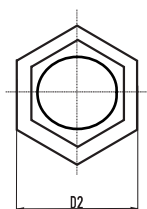
$SW1 = 13.1 \text{ mm } (D + 0.1 \text{ mm})$

$D2 = 14.5 \pm 0.5 \text{ mm}$

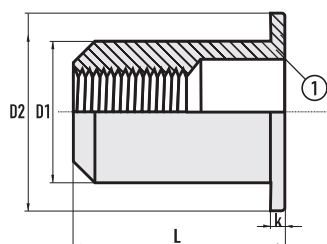
$k = 0.85 \pm 0.3 \text{ mm}$

$L = \pm 0.5 \text{ mm}$

M10 X 20,0 mm	1,0 - 5,0 mm	BXBL M10X20.0	250	39,0 Nm	10010 N	26490 N



Blind Rivet Nuts (Inserts) Flat Head



Round shank
open type

① Aluminium AlMg 2.5/3.5

M 4

D1 = 5,9 mm
D2 = 9 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm
= 6 mm

M4 X 11,0 mm	0,5 - 2,0 mm	PYL M4X11.0	250	2,3 Nm	1530 N	3020 N	
M4 X 13,0 mm	2,0 - 3,5 mm	PYL M4X13.0	250				

M 5

D1 = 6,9 mm
D2 = 10 +/- 0,3 mm
k = 1,0 +/- 0,2 mm
L = +/- 0,3 mm
= 7 mm

M5 X 13,0 mm	0,5 - 2,5 mm	PYL M5X13.0	250	5,5 Nm	1590 N	5720 N	
M5 X 15,0 mm	2,5 - 4,0 mm	PYL M5X15.0	250				

M 6

D1 = 8,9 mm
D2 = 13 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm
= 9 mm

M6 X 15,0 mm	1,0 - 2,5 mm	PYL M6X15.0	250	8,5 Nm	2600 N	8470 N	
M6 X 17,0 mm	2,5 - 4,0 mm	PYL M6X17.0	250				

M 8

D1 = 10,9 mm
D2 = 15 +/- 0,3 mm
k = 1,5 +/- 0,2 mm
L = +/- 0,3 mm
= 11 mm

M8 X 17,0 mm	1,0 - 3,0 mm	PYL M8X17.0	250	14,8 Nm	2920 N	13000 N	
M8 X 19,0 mm	3,0 - 5,0 mm	PYL M8X19.0	250				

M 10

D1 = 11,9 mm
D2 = 16 +/- 0,3 mm
k = 1,7 +/- 0,2 mm
L = +/- 0,3 mm
= 12 mm

M10 X 19,0 mm	1,0 - 3,0 mm	PYL M10AX19.0	250	20,1 Nm	4850 N	16000 N	
M10 X 21,0 mm	3,0 - 6,0 mm	PYL M10AX21.0	250				

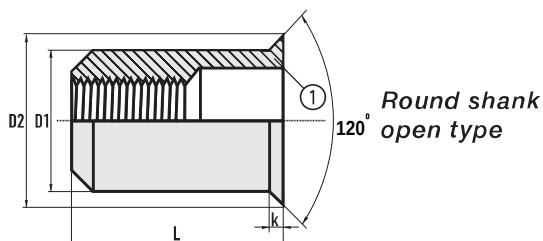
M 10

D1 = 12,9 mm
D2 = 17 +/- 0,3 mm
k = 1,7 +/- 0,2 mm
L = +/- 0,3 mm
= 13 mm

M10 X 19,0 mm	1,5 - 3,5 mm	PYL M10X19.0	250	20,1 Nm	4850 N	16000 N	
M10 X 21,0 mm	1,0 - 4,0 mm	PYL M10X21.0	250				

Note: D1=12.9 mm also available upon request; pay attention to the item No.

Blind Rivet Nuts (Inserts) reduced Head



① Aluminium AlMg 2.5/3.5

M 4

D1 = 5,9 mm
D2 = 7,0 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

= 6 mm

			CODE				
M4 X 10,5 mm	0,5 - 2,0 mm	XYL M4X10.5	250	1,3 Nm	1580 N	3280 N	
M4 X 13,0 mm	2,0 - 3,5 mm	XYL M4X13.0	250	1,3 Nm	1580 N	3280 N	

M 5

D1 = 6,9 mm
D2 = 8,2 +/- 0,3 mm
k = 0,5 +/- 0,2 mm
L = +/- 0,3 mm

= 7 mm

			CODE					
M5 X 12,5 mm	0,5 - 2,0 mm	XYL M5X12.5	250	4,5 Nm	1590 N	5360 N		
M5 X 15,0 mm	2,0 - 3,5 mm	XYL M5X15.0	250	4,5 Nm	1590 N	5360 N		

M 6

D1 = 8,9 mm
D2 = 10,5 +/- 0,3 mm
k = 0,6 +/- 0,2 mm
L = +/- 0,3 mm

= 9 mm

			CODE					
M6 X 14,0 mm	1,0 - 2,5 mm	XYL M6X14.0	250	8,0 Nm	2330 N	9880 N		
M6 X 17,0 mm	2,5 - 4,0 mm	XYL M6X17.0	250	8,0 Nm	2330 N	9880 N		

M 8

D1 = 10,9 mm
D2 = 12,4 +/- 0,3 mm
k = 0,7 +/- 0,2 mm
L = +/- 0,3 mm

= 11 mm

			CODE					
M8 X 17,0 mm	0,5 - 3,0 mm	XYL M8X17.0	250	13,8 Nm	2500 N	14000 N		
M8 X 19,0 mm	3,0 - 5,0 mm	XYL M8X19.0	250	13,8 Nm	2500 N	14000 N		

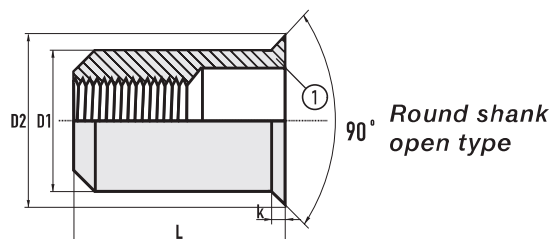
M 10

D1 = 11,9 mm
D2 = 13,6 +/- 0,3 mm
k = 0,8 +/- 0,2 mm
L = +/- 0,3 mm

= 12 mm

							
M10 X 19,0 mm	0,5 - 3,0 mm	XYL M10X19.0	250	20,1 Nm	4850 N	16000 N	
M10 X 21,0 mm	3,0 - 5,5 mm	XYL M10X21.0	250				

Blind Rivet Nuts (Inserts) Countersunk Head



90° Round shank open type

① Aluminium AlMg 2.5/3.5

M 4

D1 = 5,9 mm
D2 = 9,0 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm

= 6 mm

M4 X 11,0 mm	1,5 - 3,5 mm	CYL M4X11.0	250	1,3 Nm	1580 N	3280 N	
M4 X 13,0 mm	3,5 - 5,0 mm	CYL M4X13.0	250	1,3 Nm	1580 N	3280 N	

M 5

D1 = 6,9 mm
D2 = 10,0 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm

= 7 mm

M5 X 13,0 mm	1,5 - 4,0 mm	CYL M5X13.0	250	4,5 Nm	1590 N	5360 N	
M5 X 15,0 mm	4,0 - 6,0 mm	CYL M5X15.0	250	4,5 Nm	1590 N	5360 N	

M 6

D1 = 8,9 mm
D2 = 12,0 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm

= 9 mm

M6 X 15,0 mm	1,5 - 4,0 mm	CYL M6X15.0	250	8,0 Nm	2330 N	9880 N	
M6 X 17,0 mm	4,0 - 6,0 mm	CYL M6X17.0	250	8,0 Nm	2330 N	9880 N	

M 8

D1 = 10,9 mm
D2 = 14,0 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm

= 11 mm

M8 X 17,0 mm	1,5 - 4,0 mm	CYL M8X17.0	250	13,8 Nm	2530 N	17290 N	
M8 X 19,0 mm	4,0 - 6,0 mm	CYL M8X19.0	250	13,8 Nm	2530 N	17290 N	

M 10

D1 = 11,9 mm
D2 = 15,0 +/- 0,3 mm
k = 1,5 +/- 0,3 mm
L = +/- 0,3 mm

= 12 mm

M10 X 19,0 mm	1,5 - 4,0 mm	CYL M10X19.0	250	20,1 Nm	4850 N	16000 N	
M10 X 21,0 mm	4,0 - 6,0 mm	CYL M10X21.0	250	20,1 Nm	4850 N	16000 N	

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