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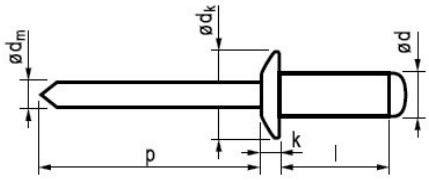
1031 Dome head AL-ST rivet (AST), blind rivet, pop rivet

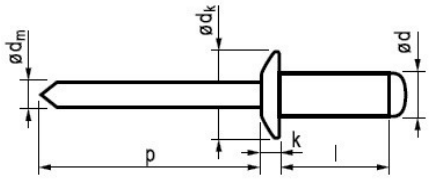
DIN: 7337A
DIN EN ISO: 15977
Rivet body: Aluminum (AlMg2,5/3,5)
Mandrel: Steel, RoHS surface treatment



Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
2,4 [+0,08/-0,10] *Ø 2,5	4,0	~2,0	1031-2404	5,0 [+0/-0,7]	0,7 [+/- 0,15]	~1,45	≥27	355	315	2,4*4 Dome head Al/St (AST) rivet
	6,0	2,0-4,0	1031-2406							2,4*6 Dome head Al/St (AST) pop rivet
	8,0	4,0-6,0	1031-2408							2,4*8 Dome head Al/St (AST) blind rivet
	10,0	6,0-8,0	1031-2410							2,4*10 Dome head Aluminum/Steel rivet
3,0 [+0,08/-0,10] *Ø 3,1	4,0	~1,5	1031-3004	6,5 [+0/-0,7]	0,8 [+/- 0,2]	~1,75	≥27	810	620	3,0*4 Dome head Al/St (AST) rivet
	6,0	1,5-3,5	1031-3006							3,0*6 Dome head Al/St (AST) pop rivet
	8,0	3,5-5,5	1031-3008							3,0*8 Dome head Al/St (AST) blind rivet
	10,0	5,5-7,5	1031-3010							3,0*10 Dome head Aluminum/Steel rivet
	12,0	7,5-9,5	1031-3012							3,0*12 Dome head Al/St (AST) rivet
	14,0	9,5-11,5	1031-3014							3,0*14 Dome head Al/St (AST) pop rivet
	16,0	11,5-13,5	1031-3016							3,0*16 Dome head Al/St (AST) blind rivet
3,2 [+0,08/-0,10] *Ø 3,3	4,0	~1,5	1031-3204	6,5 [+0/-0,7]	0,8 [+/- 0,2]	~1,75	≥27	980	760	3,2*4 Dome head Aluminum/Steel rivet
	6,0	1,5-3,5	1031-3206							3,2*6 Dome head Al/St (AST) rivet
	8,0	3,5-5,5	1031-3208							3,2*8 Dome head Al/St (AST) pop rivet
	10,0	5,5-7,5	1031-3210							3,2*10 Dome head Al/St (AST) blind rivet
	12,0	7,5-9,5	1031-3212							3,2*12 Dome head Aluminum/Steel rivet
	14,0	9,5-11,5	1031-3214							3,2*14 Dome head Al/St (AST) rivet
	16,0	11,5-13,5	1031-3216							3,2*16 Dome head Al/St (AST) pop rivet
	18,0	13,5-15,5	1031-3218							3,2*18 Dome head Al/St (AST) blind rivet
	20,0	15,5-17,5	1031-3220							3,2*20 Dome head Aluminum/Steel rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	1,5-3,0	1031-4006	8,0 [+0/-1,0]	1,0 [+/- 0,3]	~2,10	≥27	1 600	1 200	4,0*6 Dome head Al/St (AST) rivet
	8,0	3,0-5,0	1031-4008							4,0*8 Dome head Al/St (AST) pop rivet
	10,0	5,0-6,5	1031-4010							4,0*10 Dome head Al/St (AST) blind rivet
	12,0	6,5-8,5	1031-4012							4,0*12 Dome head Aluminum/Steel rivet
	14,0	8,5-10,5	1031-4014							4,0*14 Dome head Al/St (AST) rivet
	16,0	10,5-12,5	1031-4016							4,0*16 Dome head Al/St (AST) pop rivet
	18,0	12,5-14,5	1031-4018							4,0*18 Dome head Al/St (AST) blind rivet
	20,0	14,5-16,5	1031-4020							4,0*20 Dome head Aluminum/Steel rivet
	23,0	16,5-19,0	1031-4023							4,0*23 Dome head Al/St (AST) rivet
	25,0	19,0-21,5	1031-4025							4,0*25 Dome head Al/St (AST) pop rivet
4,8 [+0,08/-0,15] *Ø 4,9	6,0	1,0-3,0	1031-4806	9,5 [+0/-1,0]	1,1 [+/- 0,3]	~2,70	≥27	2 230	1 690	4,8*6 Dome head Al/St (AST) blind rivet
	8,0	3,0-4,5	1031-4808							4,8*8 Dome head Aluminum/Steel rivet
	10,0	4,5-6,0	1031-4810							4,8*10 Dome head Al/St (AST) rivet
	12,0	6,0-8,0	1031-4812							4,8*12 Dome head Al/St (AST) pop rivet
	14,0	8,0-10,0	1031-4814							4,8*14 Dome head Al/St (AST) blind rivet
	16,0	10,0-12,0	1031-4816							4,8*16 Dome head Aluminum/Steel rivet
	18,0	12,0-14,0	1031-4818							4,8*18 Dome head Al/St (AST) rivet
	20,0	14,0-16,0	1031-4820							4,8*20 Dome head Al/St (AST) pop rivet
	22,0	16,0-18,0	1031-4822							4,8*22 Dome head Al/St (AST) blind rivet
	25,0	18,0-21,0	1031-4825							4,8*25 Dome head Aluminum/Steel rivet
	28,0	21,0-23,5	1031-4828							4,8*28 Dome head Al/St (AST) rivet
	30,0	23,5-25,0	1031-4830							4,8*30 Dome head Al/St (AST) pop rivet
	35,0	25,0-30,0	1031-4835							4,8*35 Dome head Al/St (AST) blind rivet
	40,0	30,0-35,0	1031-4840							4,8*40 Dome head Aluminum/Steel rivet
5,0 [+0,08/-0,15] *Ø 5,1	6,0	1,0-3,0	1031-5006	9,5 [+0/-1,0]	1,1 [+/- 0,3]	~2,70	≥27	2 500	2 000	5,0*6 Dome head Al/St (AST) rivet
	8,0	3,0-4,5	1031-5008							5,0*8 Dome head Al/St (AST) pop rivet
	10,0	4,5-6,0	1031-5010							5,0*10 Dome head Al/St (AST) blind rivet
	12,0	6,0-8,0	1031-5012							5,0*12 Dome head Aluminum/Steel rivet
	14,0	8,0-10,0	1031-5014							5,0*14 Dome head Al/St (AST) rivet
	16,0	10,0-12,0	1031-5016							5,0*16 Dome head Al/St (AST) pop rivet
	18,0	12,0-14,0	1031-5018							5,0*18 Dome head Al/St (AST) blind rivet
	21,0	14,0-17,0	1031-5021							5,0*21 Dome head Aluminum/Steel rivet
	25,0	17,0-20,0	1031-5025							5,0*25 Dome head Al/St (AST) rivet
	27,0	20,0-23,0	1031-5027							5,0*27 Dome head Al/St (AST) pop rivet
	30,0	23,0-25,0	1031-5030							5,0*30 Dome head Al/St (AST) blind rivet
	35,0	25,0-30,0	1031-5035							5,0*35 Dome head Aluminum/Steel rivet
	40,0	30,0-35,0	1031-5040							5,0*40 Dome head Al/St (AST) rivet

1031 Dome head AL-ST rivet (AST), blind rivet, pop rivet

DIN: 7337A
DIN EN ISO: 15977
Rivet body: Aluminum (AlMg2,5/3,5)
Mandrel: Steel, RoHS surface treatment

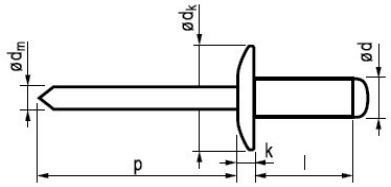


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
6,0 [+0,08/-0,15] *Ø 6,1	8,0	2,0-4,0	1031-6008	12,0 [+0/-1,5]	1,5 [+/- 0,4]	~3,60	≥31	3 900	3 000	6,0*8 Dome head Al/St (AST) pop rivet
	10,0	4,0-6,0	1031-6010							6,0*10 Dome head Al/St (AST) blind rivet
	12,0	6,0-8,0	1031-6012							6,0*12 Dome head Aluminum/Steel rivet
	14,0	7,0-9,0	1031-6014							6,0*14 Dome head Al/St (AST) rivet
	16,0	9,0-11,0	1031-6016							6,0*16 Dome head Al/St (AST) pop rivet
	18,0	11,0-13,0	1031-6018							6,0*18 Dome head Al/St (AST) blind rivet
	22,0	13,0-17,0	1031-6022							6,0*22 Dome head Aluminum/Steel rivet
	26,0	17,0-20,0	1031-6026							6,0*26 Dome head Al/St (AST) rivet
	30,0	20,0-24,0	1031-6030							6,0*30 Dome head Al/St (AST) pop rivet
6,4 [+0,08/-0,15] *Ø 6,5	10,0	0,0-2,5	1031-6410	13,0 [+0/-1,5]	1,8 [+/- 0,4]	~3,85	≥31	4 090	3 120	6,4*10 Dome head Al/St (AST) blind rivet
	12,0	4,0-6,0	1031-6412							6,4*12 Dome head Aluminum/Steel rivet
	15,0	6,0-9,0	1031-6415							6,4*15 Dome head Al/St (AST) rivet
	18,0	9,0-13,0	1031-6418							6,4*18 Dome head Al/St (AST) pop rivet
	22,0	13,0-16,0	1031-6422							6,4*22 Dome head Al/St (AST) blind rivet
	26,0	16,0-20,0	1031-6426							6,4*26 Dome head Aluminum/Steel rivet
	30,0	18,0-24,0	1031-6430							6,4*30 Dome head Al/St (AST) rivet

Technical specifications:
- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily

1032 Large head AL-ST rivet (ASL), blind rivet, pop rivet

Rivet body: Aluminum (AlMg3,5)
Mandrel: Steel, RoHS surface treatment

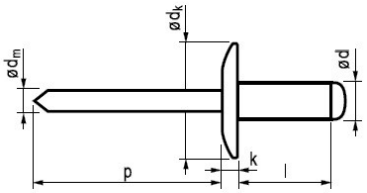


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,5-3,5	1032-3206	9,5 [+0/-0,5]	≤2,0	~1,7	≥27	980	760	3,2*6 Large head Aluminum/Steel rivet
	8,0	3,5-5,5	1032-3208							3,2*8 Large head Al/St (ASL) rivet
	10,0	5,5-7,5	1032-3210							3,2*10 Large head Al/St (ASL) pop rivet
	12,0	7,5-9,5	1032-3212							3,2*12 Large head Al/St (ASL) blind rivet
	14,0	9,5-11,5	1032-3214							3,2*14 Large head Aluminum/Steel rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	1,5-3,0	1032-4006	12,0 [+0/-0,5]	≤2,0	~2,1	≥27	1 600	1 200	4,0*6 Large head Al/St (ASL) rivet
	8,0	3,0-5,0	1032-4008							4,0*8 Large head Al/St (ASL) pop rivet
	10,0	5,0-6,5	1032-4010							4,0*10 Large head Al/St (ASL) blind rivet
	12,0	6,5-8,5	1032-4012							4,0*12 Large head Aluminum/Steel rivet
	14,0	8,5-10,5	1032-4014							4,0*14 Large head Al/St (ASL) rivet
	16,0	10,5-12,5	1032-4016							4,0*16 Large head Al/St (ASL) pop rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	3,0-4,5	1032-4808	14,0 [+0/-0,5]	≤2,5	~2,70	≥27	2 230	1 690	4,8*8 Large head Al/St (ASL) blind rivet
	10,0	4,5-6,0	1032-4810							4,8*10 Large head Aluminum/Steel rivet
	12,0	6,0-8,0	1032-4812							4,8*12 Large head Al/St (ASL) rivet
	14,0	8,0-10,0	1032-4814							4,8*14 Large head Al/St (ASL) pop rivet
	16,0	10,0-12,0	1032-4816							4,8*16 Large head Al/St (ASL) blind rivet
	18,0	12,0-14,0	1032-4818							4,8*18 Large head Aluminum/Steel rivet
	20,0	14,0-16,0	1032-4820							4,8*20 Large head Al/St (ASL) rivet
	22,0	16,0-18,0	1032-4822							4,8*22 Large head Al/St (ASL) pop rivet
	24,0	18,0-21,0	1032-4824							4,8*24 Large head Al/St (ASL) blind rivet
	26,0	19,5-22,0	1032-4826							4,8*26 Large head Aluminum/Steel rivet
	28,0	21,0-23,5	1032-4828							4,8*28 Large head Al/St (ASL) rivet
	30,0	23,0-25,0	1032-4830							4,8*30 Large head Al/St (ASL) pop rivet
	35,0	25,0-30,0	1032-4835							4,8*35 Large head Al/St (ASL) blind rivet
5,0 [+0,08/-0,15] *Ø 5,1	8,0	3,0-4,5	1032-5008	14,0 [+0/-0,5]	≤2,5	~2,70	≥27	2 500	2 000	5,0*8 Large head Al/St (ASL) rivet
	10,0	4,5-6,0	1032-5010							5,0*10 Large head Al/St (ASL) pop rivet
	12,0	6,0-8,0	1032-5012							5,0*12 Large head Al/St (ASL) blind rivet
	14,0	8,0-10,0	1032-5014							5,0*14 Large head Aluminum/Steel rivet
	16,0	10,0-12,0	1032-5016							5,0*16 Large head Al/St (ASL) rivet
	18,0	12,0-14,0	1032-5018							5,0*18 Large head Al/St (ASL) pop rivet
	21,0	14,0-17,0	1032-5021							5,0*21 Large head Al/St (ASL) blind rivet
	24,0	17,0-20,0	1032-5024							5,0*24 Large head Aluminum/Steel rivet

Technical specifications:
- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- thanks to the large head it is suitable for riveting soft materials

1033 Extra Large head AL-ST rivet, blind rivet, pop rivet (AFL, ASG)

Rivet body: Aluminum (AlMg3,5)
Mandrel: Steel, RoHS surface treatment

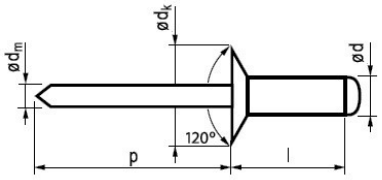


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
4,8 [+0,08/-0,15] *Ø 4,9	10,0	4,5-6,0	1033-4810	16,0 [+0/-0,5]	≤2,5	~2,70	≥27	2 230	1 690	4,8*10 Extra Large head Al/St (ASG) blind rivet
	12,0	6,0-8,0	1033-4812							4,8*12 Extra head Aluminum/Steel rivet
	14,0	8,0-10,0	1033-4814							4,8*14 Extra Large head Al/St (ASG) rivet
	16,0	10,0-12,0	1033-4816							4,8*16 Extra Large head Al/St (ASG) pop rivet
	18,0	12,0-14,0	1033-4818							4,8*18 Extra Large head Al/St (ASG) blind rivet
	20,0	14,0-16,0	1033-4820							4,8*20 Extra head Aluminum/Steel rivet
	22,0	16,0-18,0	1033-4822							4,8*22 Extra Large head Al/St (ASG) rivet
	24,0	18,0-20,0	1033-4824							4,8*24 Extra Large head Al/St (ASG) pop rivet
	26,0	20,0-22,0	1033-4826							4,8*26 Extra Large head Al/St (ASG) blind rivet

Technical specifications:
- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- thanks to the large head it is suitable for riveting soft materials

1034 Countersunk head AL-ST rivet (ASF), blind rivet, pop rivet

DIN: 7337B
DIN EN ISO: 15978
Rivet body: Aluminum (AlMg2,5/3,5)
Mandrel: Steel, RoHS surface treatment



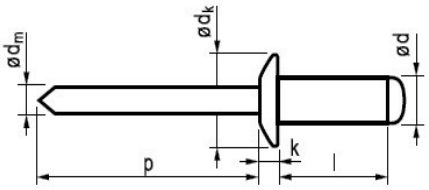
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
2,4 [+0,08/-0,10] *Ø 2,5	6,0	2,0-4,0	1034-2406	5,0 [+0/-0,4]	-	~1,45	≥27	355	315	2,4*6 Countersunk head Al/St (ASF) rivet
	8,0	4,0-6,0	1034-2408							2,4*8 Countersunk head Al/St (ASF) pop rivet
	10,0	6,0-8,0	1034-2410							2,4*10 Countersunk head Al/St (ASF) blind rivet
3,0 [+0,08/-0,10] *Ø 3,1	6,0	1,5-3,5	1034-3006	6,0 [+0/-0,4]	-	~1,75	≥27	810	620	3,0*6 Countersunk head Al/St (ASF) pop rivet
	8,0	3,5-5,5	1034-3008							3,0*8 Countersunk head Al/St (ASF) blind rivet
	10,0	5,5-7,5	1034-3010							3,0*10 Countersunk head Al/Steel rivet
	12,0	7,5-9,5	1034-3012							3,0*12 Countersunk head Al/St (ASF) rivet
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,5-3,5	1034-3206	6,0 [+0/-0,4]	-	~1,75	≥27	980	760	3,2*6 Countersunk head Al/St (ASF) pop rivet
	8,0	3,5-5,5	1034-3208							3,2*8 Countersunk head Al/St (ASF) blind rivet
	10,0	5,5-7,5	1034-3210							3,2*10 Countersunk head Al/Steel rivet
	12,0	7,5-9,5	1034-3212							3,2*12 Countersunk head Al/St (ASF) rivet
	14,0	9,5-11,5	1034-3214							3,2*14 Countersunk head Al/St (ASF) pop rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	1,5-3,0	1034-4006	7,5 [+0/-0,5]	-	~2,10	≥27	1 600	1 200	4,0*6 Countersunk head Al/St (ASF) blind rivet
	8,0	3,0-5,0	1034-4008							4,0*8 Countersunk head Al/Steel rivet
	10,0	5,0-6,5	1034-4010							4,0*10 Countersunk head Al/St (ASF) rivet
	12,0	6,5-8,6	1034-4012							4,0*12 Countersunk head Al/St (ASF) pop rivet
	14,0	8,5-10,5	1034-4014							4,0*14 Countersunk head Al/St (ASF) blind rivet
	16,0	10,5-12,5	1034-4016							4,0*16 Countersunk head Al/Steel rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	3,0-4,5	1034-4808	9,0 [+0/-0,5]	-	~2,70	≥27	2 230	1 690	4,8*8 Countersunk head Al/St (ASF) rivet
	10,0	4,5-6,0	1034-4810							4,8*10 Countersunk head Al/St (ASF) pop rivet
	12,0	6,0-8,0	1034-4812							4,8*12 Countersunk head Al/St (ASF) blind rivet
	14,0	8,0-10,0	1034-4814							4,8*14 Countersunk head Al/Steel rivet
	16,0	10,0-12,0	1034-4816							4,8*16 Countersunk head Al/St (ASF) rivet
	18,0	12,0-14,0	1034-4818							4,8*18 Countersunk head Al/St (ASF) pop rivet
	20,0	14,0-16,0	1034-4820							4,8*20 Countersunk head Al/St (ASF) blind rivet
	25,0	18,0-21,0	1034-4825							4,8*25 Countersunk head Al/Steel rivet
5,0 [+0,08/-0,15] *Ø 5,1	8,0	3,0-4,5	1034-5008	9,0 [+0/-0,5]	-	~2,70	≥27	2 500	2 000	5,0*8 Countersunk head Al/St (ASF) rivet
	10,0	4,5-6,0	1034-5010							5,0*10 Countersunk head Al/St (ASF) pop rivet
	12,0	6,0-8,0	1034-5012							5,0*12 Countersunk head Al/St (ASF) blind rivet
	14,0	8,0-10,0	1034-5014							5,0*14 Countersunk head Al/Steel rivet
	16,0	10,0-12,0	1034-5016							5,0*16 Countersunk head Al/St (ASF) pop rivet
	18,0	12,0-14,0	1034-5018							5,0*18 Countersunk head Al/St (ASF) blind rivet
	21,0	14,0-17,0	1034-5020							5,0*20 Countersunk head Al/Steel rivet
	25,0	17,0-20,0	1034-5025							5,0*25 Countersunk head Al/St (ASF) rivet

Technical specifications:

- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- due to the countersunk head it remains in the level of the sheet

1021 Dome head AL-AL rivet (AAT), blind rivet, pop rivet

DIN: 7337A
DIN EN ISO: 15981
Rivet body: Aluminum (AlMg2,5)
Mandrel: Aluminum



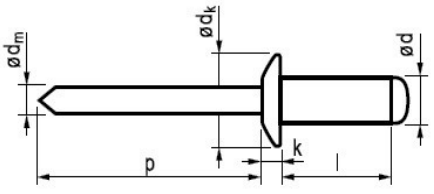
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,5-3,5	1021-3206	6,5 [+0/-0,7]	0,8 [+/-0,2]	~1,95	≥27	670	535	3,2*6 Dome head Aluminum/Aluminum rivet
	8,0	3,5-5,5	1021-3208							3,2*8 Dome head Al/Al (AAT) rivet
	10,0	5,5-7,5	1021-3210							3,2*10 Dome head Al/Al (AAT) pop rivet
	12,0	7,5-9,5	1021-3212							3,2*12 Dome head Al/Al (AAT) blind rivet
	14,0	9,5-11,5	1021-3214							3,2*14 Dome head Aluminum/Aluminum rivet
	16,0	11,5-13,5	1021-3216							3,2*16 Dome head Al/Al (AAT) rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	1,5-3,0	1021-4006	8,0 [+0/-1,0]	1,0 [+/-0,3]	~2,45	≥27	1025	845	4,0*6 Dome head Al/Al (AAT) pop rivet
	8,0	3,0-5,0	1021-4008							4,0*8 Dome head Al/Al (AAT) blind rivet
	10,0	5,0-7,0	1021-4010							4,0*10 Dome head Aluminum/Aluminum rivet
	12,0	7,0-9,0	1021-4012							4,0*12 Dome head Al/Al (AAT) rivet
	14,0	9,0-11,0	1021-4014							4,0*14 Dome head Al/Al (AAT) pop rivet
	16,0	11,0-13,0	1021-4016							4,0*16 Dome head Al/Al (AAT) blind rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	2,5-4,5	1021-4808	9,5 [+0/-1,0]	1,1 [+/-0,3]	~2,90	≥27	1425	1155	4,8*8 Dome head Aluminum/Aluminum rivet
	10,0	4,5-6,5	1021-4810							4,8*10 Dome head Al/Al (AAT) rivet
	12,0	6,5-8,5	1021-4812							4,8*12 Dome head Al/Al (AAT) pop rivet
	14,0	8,5-10,5	1021-4814							4,8*14 Dome head Al/Al (AAT) blind rivet
	16,0	10,5-12,5	1021-4816							4,8*16 Dome head Aluminum/Aluminum rivet
	18,0	12,5-14,5	1021-4818							4,8*18 Dome head Al/Al (AAT) rivet
	20,0	14,5-16,5	1021-4820							4,8*20 Dome head Al/Al (AAT) pop rivet
	25,0	19,5-21,5	1021-4825							4,8*25 Dome head Al/Al (AAT) blind rivet

Technical specifications:

- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- thanks to full aluminum rivet no chance for rust
- it is excellent for the soft materials

1071 Dome head AL-A2 rivet (AIT), blind rivet, pop rivet

Rivet body: Aluminum (AlMg3)
Mandrel: Inox (A2)

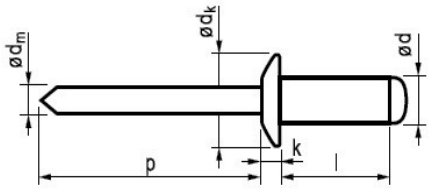


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,0 [+0,08/-0,10] *Ø 3,1	6,0	1,5-3,5	1071-3006	6,5 [+0/-0,7]	0,8 [+/-0,2]	~1,75	≥27	810	620	3,0*6 Dome head Aluminum/Inox rivet
	8,0	3,5-5,5	1071-3008							3,0*8 Dome head Al/A2 (AIT) rivet
	10,0	5,5-7,0	1071-3010							3,0*10 D head Al/A2 (AIT) pop rivet
	12,0	7,0-9,0	1071-3012							3,0*12 D head Al/A2 (AIT) blind rivet
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,5-3,5	1071-3206	6,5 [+0/-0,7]	0,8 [+/-0,2]	~1,95	≥27	980	760	3,2*6 Dome head Aluminum/Inox rivet
	8,0	3,5-5,5	1071-3208							3,2*8 Dome head Al/A2 (AIT) rivet
	10,0	5,5-7,0	1071-3210							3,2*10 D head Al/A2 (AIT) pop rivet
	12,0	7,0-9,0	1071-3212							3,2*12 D head Al/A2 (AIT) blind rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	1,0-3,0	1071-4006	8,0 [+0/-1,0]	1,0 [+/-0,3]	~2,10	≥27	1 600	1 200	4,0*6 Dome head Aluminum/Inox rivet
	8,0	3,0-5,0	1071-4008							4,0*8 Dome head Al/A2 (AIT) rivet
	10,0	5,0-7,0	1071-4010							4,0*10 D head Al/A2 (AIT) pop rivet
	12,0	7,0-9,0	1071-4012							4,0*12 D head Al/A2 (AIT) blind rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	2,5-4,5	1071-4808	9,5 [+0/-1,0]	1,1 [+/-0,3]	~2,70	≥27	2 230	1 690	4,8*8 Dome head Aluminum/Inox rivet
	10,0	4,5-6,5	1071-4810							4,8*10 Dome head Al/A2 (AIT) rivet
	12,0	6,5-8,5	1071-4812							4,8*12 D head Al/A2 (AIT) pop rivet
	14,0	8,5-10,5	1071-4814							4,8*14 D head Al/A2 (AIT) blind rivet
	16,0	10,5-12,5	1071-4816							4,8*16 Dome head Aluminum/Inox rivet
	18,0	12,5-14,5	1071-4818							4,8*18 Dome head Al/A2 (AIT) rivet
	20,0	14,5-16,5	1071-4820							4,8*20 D head Al/A2 (AIT) pop rivet
5,0 [+0,08/-0,15] *Ø 5,1	8,0	2,5-4,5	1071-5008	9,5 [+0/-1,0]	1,1 [+/-0,3]	~2,70	≥27	2 500	2 000	5,0*8 D head Al/A2 (AIT) blind rivet
	10,0	4,5-6,5	1071-5010							5,0*10 Dome head Aluminum/Inox rivet
	12,0	6,5-8,5	1071-5012							5,0*12 Dome head Al/A2 (AIT) rivet
	16,0	10,5-12,5	1071-5016							5,0*16 D head Al/A2 (AIT) pop rivet

Technical specifications:
- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- due to stainless stem/mandrel there will not be rust coming out from the rivet

1041 Dome head ST-ST rivet (SST), blind rivet, pop rivet

DIN: 7337A
DIN EN ISO: 15979
Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment



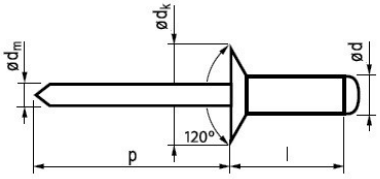
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,0 [+0,08/-0,10] *Ø 3,1	6,0	1,5-3,0	1041-3006	6,5 [+0/-0,7]	0,8 [+/-0,2]	~1,90	≥27	1 125	915	3,0*6 Dome head St/St (SST) rivet
	8,0	3,0-5,0	1041-3008							3,0*8 Dome head St/St (SST) pop rivet
	10,0	5,0-7,0	1041-3010							3,0*10 Dome head St/St (SST) blind rivet
	12,0	7,0-9,0	1041-3012							3,0*12 Dome head Steel/Steel rivet
	14,0	9,0-11,0	1041-3014							3,0*14 Dome head St/St (SST) rivet
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,5-3,0	1041-3206	6,5 [+0/-0,7]	0,8 [+/-0,2]	~2,00	≥27	1285	1060	3,2*6 Dome head Steel/Steel rivet
	8,0	3,0-5,0	1041-3208							3,2*8 Dome head St/St (SST) rivet
	10,0	5,0-7,0	1041-3210							3,2*10 Dome head St/St (SST) pop rivet
	12,0	7,0-9,0	1041-3212							3,2*12 Dome head St/St (SST) blind rivet
	14,0	9,0-11,0	1041-3214							3,2*14 Dome head Steel/Steel rivet
	16,0	11,0-13,0	1041-3216							3,2*16 Dome head St/St (SST) rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	1,5-2,5	1041-4006	8,0 [+0/-1,0]	1,0 [+/-0,3]	~2,50	≥27	1990	1550	4,0*6 Dome head St/St (SST) pop rivet
	8,0	2,5-4,5	1041-4008							4,0*8 Dome head St/St (SST) blind rivet
	10,0	4,5-6,5	1041-4010							4,0*10 Dome head Steel/Steel rivet
	12,0	6,5-8,5	1041-4012							4,0*12 Dome head St/St (SST) rivet
	14,0	8,5-10,5	1041-4014							4,0*14 Dome head St/St (SST) pop rivet
	16,0	10,5-12,5	1041-4016							4,0*16 Dome head St/St (SST) blind rivet
	18,0	12,5-14,5	1041-4018							4,0*18 Dome head Steel/Steel rivet
	20,0	14,5-16,5	1041-4020							4,0*20 Dome head St/St (SST) rivet
4,8 [+0,08/-0,15] *Ø 4,9	6,0	1,0-2,5	1041-4806	9,5 [+0/-1,0]	1,1 [+/-0,3]	~2,90	≥27	2920	2300	4,8*6 Dome head St/St (SST) pop rivet
	8,0	2,5-4,5	1041-4808							4,8*8 Dome head St/St (SST) blind rivet
	10,0	4,5-6,0	1041-4810							4,8*10 Dome head Steel/Steel rivet
	12,0	6,0-8,0	1041-4812							4,8*12 Dome head St/St (SST) rivet
	14,0	8,0-10,0	1041-4814							4,8*14 Dome head St/St (SST) pop rivet
	16,0	10,0-11,5	1041-4816							4,8*16 Dome head St/St (SST) blind rivet
	18,0	11,5-13,5	1041-4818							4,8*18 Dome head Steel/Steel rivet
	20,0	13,5-15,0	1041-4820							4,8*20 Dome head St/St (SST) rivet
	22,0	15,0-17,0	1041-4822							4,8*22 Dome head St/St (SST) pop rivet
	25,0	17,0-20,0	1041-4825							4,8*25 Dome head St/St (SST) blind rivet
	28,0	20,0-23,0	1041-4828							4,8*28 Dome head Steel/Steel rivet
	30,0	23,0-26,0	1041-4830							4,8*30 Dome head St/St (SST) rivet
5,0 [+0,08/-0,15] *Ø 5,1	8,0	2,5-4,0	1041-5008	9,5 [+0/-1,0]	1,1 [+/-0,3]	~2,90	≥27	3255	2575	5,0*8 Dome head St/St (SST) pop rivet
	10,0	4,0-6,0	1041-5010							5,0*10 Dome head St/St (SST) blind rivet
	12,0	6,0-8,0	1041-5012							5,0*12 Dome head Steel/Steel rivet
	14,0	8,0-10,0	1041-5014							5,0*14 Dome head St/St (SST) rivet
	16,0	10,0-11,5	1041-5016							5,0*16 Dome head St/St (SST) pop rivet
	18,0	11,5-13,5	1041-5018							5,0*18 Dome head St/St (SST) blind rivet
	20,0	13,5-15,0	1041-5020							5,0*20 Dome head Steel/Steel rivet
6,0 [+0,08/-0,15] *Ø 6,1	12,0	3,5-6,5	1041-6012	12,0 [+0/-1,5]	1,5 [+/-0,4]	~3,60	≥31	5020	4040	6,0*12 Dome head St/St (SST) rivet
	15,0	6,5-9,5	1041-6015							6,0*15 Dome head St/St (SST) pop rivet
	18,0	9,5-12,5	1041-6018							6,0*18 Dome head St/St (SST) blind rivet
	22,0	13,5-16,5	1041-6022							6,0*22 Dome head Steel/Steel rivet
	26,0	17,5-20,5	1041-6026							6,0*26 Dome head St/St (SST) rivet
	30,0	21,5-24,5	1041-6030							6,0*30 Dome head St/St (SST) pop rivet
6,4 [+0,08/-0,15] *Ø 6,5	12,0	3,5-6,5	1041-6412	13,0 [+0/-1,5]	1,8 [+/-0,4]	~3,85	≥31	5415	4355	6,4*12 Dome head St/St (SST) blind rivet
	15,0	6,5-9,5	1041-6415							6,4*15 Dome head Steel/Steel rivet
	18,0	9,5-12,5	1041-6418							6,4*18 Dome head St/St (SST) rivet
	22,0	14,5-16,5	1041-6422							6,4*22 Dome head St/St (SST) pop rivet
	26,0	18,5-20,5	1041-6426							6,4*26 Dome head St/St (SST) blind rivet
	30,0	22,5-24,5	1041-6430							6,4*30 Dome head Steel/Steel rivet

Technical specifications:

- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- compared to Aluminum/steel rivet 1041 has higher strength

1044 Countersunk head ST-ST rivet (SSF), blind rivet, pop rivet

DIN: 7337B
DIN EN ISO: 15980
Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment



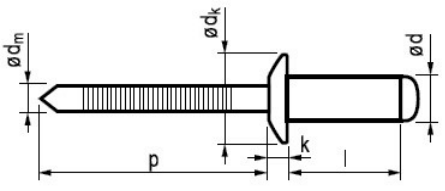
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,0 [+0,08/-0,10] *Ø 3,1	6,0	1,5-3,0	1044-3006	6,0 [+0/-0,4]	-	~1,90	≥27	1 125	915	3,0*6 Countersunk head St/St (SSF) rivet
	8,0	3,0-5,0	1044-3008							3,0*8 Countersunk head St/St (SSF) pop rivet
	10,0	5,0-7,0	1044-3010							3,0*10 Countersunk head St/St (SSF) blind rivet
	12,0	7,0-9,0	1044-3012							3,0*12 Countersunk head Steel/Steel rivet
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,5-3,0	1044-3206	6,0 [+0/-0,4]	-	~2,00	≥27	1285	1060	3,2*6 Countersunk head St/St (SSF) rivet
	8,0	3,0-5,0	1044-3208							3,2*8 Countersunk head St/St (SSF) pop rivet
	10,0	5,0-7,0	1044-3210							3,2*10 Countersunk head St/St (SSF) blind rivet
	12,0	7,0-9,0	1044-3212							3,2*12 Countersunk head Steel/Steel rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	1,5-2,5	1044-4006	7,5 [+0/-0,5]	-	~2,50	≥27	1990	1550	4,0*6 Countersunk head St/St (SSF) rivet
	8,0	2,5-4,5	1044-4008							4,0*8 Countersunk head St/St (SSF) pop rivet
	10,0	4,5-6,5	1044-4010							4,0*10 Countersunk head St/St (SSF) blind rivet
	12,0	6,5-8,5	1044-4012							4,0*12 Countersunk head Steel/Steel rivet
	14,0	8,5-10,5	1044-4014							4,0*14 Countersunk head St/St (SSF) rivet
	16,0	10,5-12,5	1044-4016							4,0*16 Countersunk head St/St (SSF) pop rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	2,5-4,5	1044-4808	9,0 [+0/-0,5]	-	~2,90	≥27	2920	2300	4,8*8 Countersunk head St/St (SSF) blind rivet
	10,0	4,5-6,0	1044-4810							4,8*10 Countersunk head Steel/Steel rivet
	12,0	6,0-8,0	1044-4812							4,8*12 Countersunk head St/St (SSF) rivet
	14,0	8,0-10,0	1044-4814							4,8*14 Countersunk head St/St (SSF) pop rivet
	16,0	10,0-11,5	1044-4816							4,8*16 Countersunk head St/St (SSF) blind rivet
	18,0	11,5-13,5	1044-4818							4,8*18 Countersunk head Steel/Steel rivet
	20,0	13,5-15,5	1044-4820							4,8*20 Countersunk head St/St (SSF) rivet

Technical specifications:

- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- compared to Aluminum/steel rivet 1044 has higher strength
- due to the countersunk head it remains in the level of the sheet

1051 Dome head A2-A2 Inox, Stainless rivet (IIT), blind rivet, pop rivet

DIN: 7337A
DIN EN ISO: 15983
Rivet body: Stainless steel [A2]
Mandrel: Stainless steel [A2]



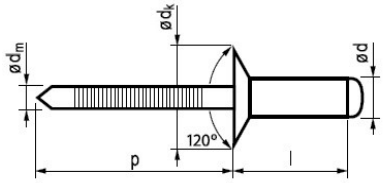
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,0 [+0,08/-0,10] *Ø 3,1	6,0	1,5-2,5	1051-3006	6,5 [+0/-0,7]	0,8 [+/-0,2]	~1,90	≥27	2 000	1 600	3,0*6 Dome head A2/A2 (IIT) rivet
	8,0	2,5-4,5	1051-3008							3,0*8 Dome head A2/A2 (IIT) pop rivet
	10,0	4,5-6,5	1051-3010							3,0*10 Dome head A2/A2 (IIT) blind rivet
	12,0	6,5-8,5	1051-3012							3,0*12 D Stainless /Stainless rivet
3,2 [+0,08/-0,10] *Ø 3,3	4,0	~1,5	1051-3204	6,5 [+0/-0,7]	0,8 [+/-0,2]	~2,00	≥27	2 500	1 800	3,2*4 Dome head A2/A2 (IIT) rivet
	6,0	1,5-2,5	1051-3206							3,2*6 Dome head A2/A2 (IIT) pop rivet
	8,0	2,5-4,5	1051-3208							3,2*8 Dome head A2/A2 (IIT) blind rivet
	10,0	4,5-6,5	1051-3210							3,2*10 D Stainless /Stainless rivet
	12,0	6,5-8,5	1051-3212							3,2*12 Dome head A2/A2 (IIT) rivet
	15,0	8,5-12,0	1051-3215							3,2*15 Dome head A2/A2 (IIT) pop rivet
	18,0	12,0-15,0	1051-3218							3,2*18 Dome head A2/A2 (IIT) blind rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	~2,0	1051-4006	8,0 [+0/-1,0]	1,0 [+/-0,3]	~2,50	≥27	3 800	3 100	4,0*6 D Stainless /Stainless rivet
	8,0	2,0-4,0	1051-4008							4,0*8 Dome head A2/A2 (IIT) rivet
	10,0	4,0-6,0	1051-4010							4,0*10 Dome head A2/A2 (IIT) pop rivet
	12,0	6,0-8,0	1051-4012							4,0*13 Dome head A2/A2 (IIT) blind rivet
	13,0	7,0-9,0	1051-4013							4,0*16 D Stainless /Stainless rivet
	16,0	10,0-12,0	1051-4016							4,0*18 Dome head A2/A2 (IIT) rivet
	18,0	12,0-14,0	1051-4018							4,0*20 Dome head A2/A2 (IIT) pop rivet
	20,0	14,0-16,0	1051-4020							4,8*8 Dome head A2/A2 (IIT) blind rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	1,5-3,0	1051-4808	9,5 [+0/-1,0]	1,1 [+/-0,3]	~2,90	≥27	6 000	4 500	4,8*8 Dome head A2/A2 (IIT) blind rivet
	10,0	3,0-5,0	1051-4810							4,8*10 D Stainless /Stainless rivet
	12,0	5,0-7,0	1051-4812							4,8*12 Dome head A2/A2 (IIT) rivet
	14,0	7,0-9,0	1051-4814							4,8*14 Dome head A2/A2 (IIT) pop rivet
	16,0	9,0-11,0	1051-4816							4,8*16 Dome head A2/A2 (IIT) blind rivet
	18,0	11,0-13,0	1051-4818							4,8*18 D Stainless /Stainless rivet
	20,0	13,0-15,0	1051-4820							4,8*20 Dome head A2/A2 (IIT) rivet
5,0 [+0,08/-0,15]/ *Ø 5,1	8,0	1,5-3,0	1051-5008	9,5 [+0/-1,0]	1,1 [+/-0,3]	~2,90	≥27	6 500	5 000	5,0*8 Dome head A2/A2 (IIT) pop rivet
	10,0	3,0-5,0	1051-5010							5,0*10 Dome head A2/A2 (IIT) blind rivet
	12,0	5,0-7,0	1051-5012							5,0*12 D Stainless /Stainless rivet
	16,0	9,0-11,0	1051-5016							5,0*16 Dome head A2/A2 (IIT) rivet
6,0 [+0,08/-0,15] *Ø 6,1	12,0	4,0-6,0	1051-6012	12,0 [+0/-1,5]	1,5 [+/-0,4]	~3,60	≥31	8 830	6 500	6,0*12 Dome head A2/A2 (IIT) pop rivet
	15,0	6,0-9,0	1051-6015							6,0*15 Dome head A2/A2 (IIT) blind rivet
	18,0	9,0-12,0	1051-6018							6,0*18 D Stainless /Stainless rivet
	20,0	11,0-14,0	1051-6020							6,0*20 Dome head A2/A2 (IIT) rivet
6,4 [+0,08/-0,15] *Ø 6,5	12,0	4,5-6,5	1051-6412	13,0 [+0/-1,5]	2,1 [+/-0,4]	~3,85	≥31	8850	6500	6,4*12 Dome head A2/A2 (IIT) pop rivet
	15,0	6,5-9,5	1051-6415							6,4*15 Dome head A2/A2 (IIT) blind rivet
	18,0	9,5-12,5	1051-6418							6,4*18 D Stainless /Stainless rivet
	20,0	11,5-14,5	1051-6420							6,4*20 Dome head A2/A2 (IIT) rivet
	25,0	17,0-20,0	1051-6425							6,4*25 Dome head A2/A2 (IIT) pop rivet

Technical specifications:

- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- compared to Aluminum/steel rivet 1051 has higher strength
- stainless (it is not acid resistant)

1054 Countersunk head A2-A2, Inox, Stainless rivet (IIF), blind rivet, pop rivet

DIN: 7337B
DIN EN ISO: 15984
Rivet body: Stainless steel [A2]
Mandrel: Stainless steel [A2]



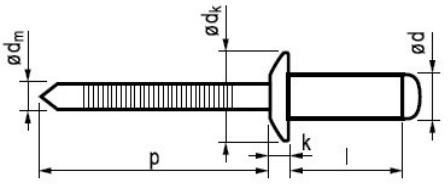
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,5-2,5	1054-3206	6,0 [+0/-0,4]	-	~2,00	≥27	2 500	1 800	3,2*6 Countersunk head A2/A2 (IIF) rivet
	8,0	2,5-4,5	1054-3208							3,2*8 Countersunk head A2/A2 (IIF) pop rivet
	10,0	4,5-6,5	1054-3210							3,2*10 Countersunk head A2/A2 (IIF) blind rivet
	12,0	6,5-8,5	1054-3212							3,2*12 SF Stainless /Stainless rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	~2,0	1054-4006	7,5 [+0/-0,5]	-	~2,50	≥27	3 800	3 100	4,0*6 Countersunk head A2/A2 (IIF) rivet
	8,0	2,0-4,0	1054-4008							4,0*8 Countersunk head A2/A2 (IIF) pop rivet
	10,0	4,0-6,0	1054-4010							4,0*10 Countersunk head A2/A2 (IIF) blind rivet
	12,0	6,0-8,0	1054-4012							4,0*12 SF Stainless /Stainless rivet
	15,0	9,0-11,0	1054-4015							4,0*15 Countersunk head A2/A2 (IIF) rivet
	16,0	10,0-12,0	1054-4016							4,0*16 Countersunk head A2/A2 (IIF) pop rivet
	18,0	12,0-14,0	1054-4018							4,0*18 Countersunk head A2/A2 (IIF) blind rivet
	20,0	14,0-16,0	1054-4020							4,0*20 Countersunk head A2/A2 (IIF) rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	1,5-3,0	1054-4808	9,0 [+0/-0,5]	-	~2,90	≥27	6 000	4 500	4,8*8 Countersunk head A2/A2 (IIF) pop rivet
	10,0	3,0-5,0	1054-4810							4,8*10 Countersunk head A2/A2 (IIF) blind rivet
	12,0	5,0-7,0	1054-4812							4,8*12 SF Stainless /Stainless rivet
	15,0	8,0-10,0	1054-4815							4,8*15 Countersunk head A2/A2 (IIF) rivet
	16,0	8,0-11,0	1054-4816							4,8*16 SF Stainless /Stainless rivet
	18,0	11,0-13,0	1054-4818							4,8*18 Countersunk head A2/A2 (IIF) pop rivet
	21,0	14,0-16,0	1054-4821							4,8*21 Countersunk head A2/A2 (IIF) blind rivet
	25,0	18,0-20,0	1054-4825							4,8*25 SF Stainless /Stainless rivet
	30,0	20,0-25,0	1054-4825							4,8*25 SF Stainless /Stainless rivet
5,0 [+0,08/-0,15] *Ø 4,1	8,0	2,5-4,0	1054-5008	10,5 [+-0,5]	-	~2,90	≥27	6 000	4 500	5,0*8 Countersunk head A2/A2 (IIF) rivet
	10,0	4,0-6,0	1054-5010							5,0*10 Countersunk head A2/A2 (IIF) pop rivet
	12,0	6,0-8,0	1054-5012							5,0*12 Countersunk head A2/A2 (IIF) blind rivet
	14,0	7,0-9,0	1054-5014							5,0*14 SF Stainless /Stainless rivet
	16,0	8,0-11,0	1054-5016							5,0*16 Countersunk head A2/A2 (IIF) rivet
	18,0	11,0-13,0	1054-5018							5,0*18 Countersunk head A2/A2 (IIF) pop rivet
	20,0	14,0-16,0	1054-5020							5,0*20 Countersunk head A2/A2 (IIF) blind rivet
	25,0	18,0-20,0	1054-5025							5,0*25 SF Stainless /Stainless rivet
	30,0	20,0-25,0	1054-5030							5,0*30 Countersunk head A2/A2 (IIF) rivet

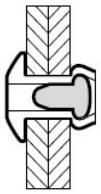
Technical specifications:

- after riveting the stem/mandrel of rivetstem/mandrel of rivet is not fixed in the rivet body necessarily
- compared to Aluminum/steel rivet 1054 has higher strength
- stainless (it is not acid resistant)

1541 Dome head A4-A4 rivet, blind rivet, pop rivet

Rivet body: stainless steel A4 (AISI316)
Mandrel: stainless steel A4 (AISI316)



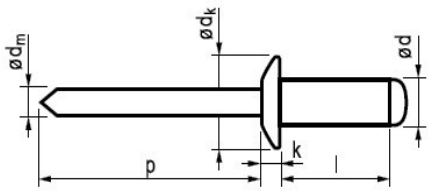


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,0 [+0,08/-0,10] *Ø 3,1	6,0	1,5-2,5	1541-3006	6,5 [+0/-0,7]	~1,3	~1,90	≥27	2 000	1 600	3,0*6 Dome head A4/A4 rivet
	8,0	2,5-4,5	1541-3008							3,0*8 Dome head A4/A4 pop rivet
	10,0	4,5-6,5	1541-3010							3,0*10 Dome head A4/A4 blind rivet
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,5-2,5	1541-3206	6,5 [+0/-0,7]	~1,3	~2,00	≥27	2 500	1 800	3,2*6 D stainless/stainless rivet
	8,0	2,5-4,5	1541-3208							3,2*8 Dome head A4/A4 rivet
	10,0	4,5-6,5	1541-3210							3,2*10 Dome head A4/A4 pop rivet
	12,0	6,5-8,5	1541-3212							3,2*12 Dome head A4/A4 blind rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	~2,0	1541-4006	8,0 [+0/-1,0]	~1,7	~2,50	≥27	3 800	3 100	4,0*6 D stainless/stainless rivet
	8,0	2,0-4,0	1541-4008							4,0*8 Dome head A4/A4 rivet
	10,0	4,0-6,0	1541-4010							4,0*10 Dome head A4/A4 pop rivet
	13,0	7,0-9,0	1541-4013							4,0*13 Dome head A4/A4 blind rivet
	16,0	10,0-12,0	1541-4016							4,0*16 D stainless/stainless rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	1,5-3,0	1541-4808	9,5 [+1/-1,0]	~2	~2,90	≥27	6 000	4 500	4,8*8 Dome head A4/A4 rivet
	10,0	3,0-5,0	1541-4810							4,8*10 Dome head A4/A4 pop rivet
	12,0	5,0-7,0	1541-4812							4,8*12 Dome head A4/A4 blind rivet
	14,0	7,0-9,0	1541-4814							4,8*14 D stainless/stainless rivet
	16,0	9,0-11,0	1541-4816							4,8*16 Dome head A4/A4 rivet
	18,0	11,0-13,0	1541-4818							4,8*18 Dome head A4/A4 pop rivet
	20,0	13,0-16,0	1541-4820							4,8*20 Dome head A4/A4 blind rivet
	24,0	16,0-18,0	1541-4824							4,8*24 D stainless/stainless rivet
	25,0	16,0-19,0	1541-4825							4,8*25 Dome head A4/A4 pop rivet
	30,0	21,0-25,0	1541-4830							4,8*30 Dome head A4/A4 pop rivet
5,0 [+0,08/-0,15] *Ø 5,1	8,0	2,0-4,0	1541-5008	10,5 [+1/-1,0]	~2	~2,90	≥27	6 000	4 700	5,0*8 Dome head A4/A4 rivet
	10,0	4,0-6,0	1541-5010							5,0*10 Dome head A4/A4 pop rivet
	12,0	6,0-8,0	1541-5012							5,0*12 Dome head A4/A4 blind rivet
	14,0	8,0-9,5	1541-5014							5,0*14 D stainless/stainless rivet
	16,0	8,0-11,0	1541-5016							5,0*16 Dome head A4/A4 rivet
	18,0	11,0-13,0	1541-5018							5,0*18 Dome head A4/A4 pop rivet
	20,0	13,0-16,0	1541-5020							5,0*20 Dome head A4/A4 blind rivet
	25,0	16,0-19,0	1541-5024							5,0*24 D stainless/stainless rivet
	30,0	20,0-25,0	1541-5025							5,0*25 Dome head A4/A4 pop rivet
	40,0	30,0-34,0	1541-5030							5,0*30 Dome head A4/A4 pop rivet
6,4 [+0,08/-0,15] *Ø 6,5	10,0	2,0-4,0	1541-6410	13 [+0,5 / -1,5]	~2,6	~3,90	≥27	8 850	6 500	6,4*10 Dome head A4/A4 rivet
	12,0	4,0-6,0	1541-6412							6,4*12 Dome head A4/A4 pop rivet
	14,0	6,0-8,0	1541-6414							6,4*14 Dome head A4/A4 blind rivet
	16,0	7,0-10,0	1541-6416							6,4*16 D stainless/stainless rivet
	18,0	9,0-13,0	1541-6418							6,4*18 Dome head A4/A4 rivet
	20,0	13,0-16,0	1541-6420							6,4*20 Dome head A4/A4 pop rivet
	22,0	14,0-17,0	1541-6422							6,4*22 Dome head A4/A4 pop rivet
	25,0	15,0-19,0	1541-6425							6,4*25 Dome head A4/A4 blind rivet
	30,0	19,0-23,0	1541-6430							6,4*30 D stainless/stainless rivet
	35,0	23,0-28,0	1541-6435							6,4*35 Dome head A4/A4 rivet
	40,0	28,0-33,0	1541-6440							6,4*40 Dome head A4/A4 pop rivet

Technical specifications:
- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily
- compared to Aluminum/steel rivet 1541 has higher strength
- extraordinary corrosion resistant
- AISI316 material

1101 Dome head Cooper-Steel rivet (RST), blind rivet, pop rivet

DIN: 7337A
DIN EN ISO: 16582
Rivet body: Copper
Mandrel: Steel, RoHS surface treatment

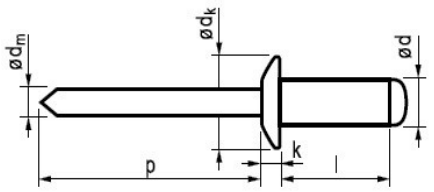


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,0 [+0,08/-0,10] *Ø 3,1	6,0	1,0-3,0	1101-3006	6,5 [+0/-0,7]	0,8 [+/- 0,2]	~1,75	≥27	700	600	3,0*6 Dome head Cu/St (RST) rivet
	8,0	3,0-5,0	1101-3008							3,0*8 Dome head Cu/St (RST) pop rivet
	10,0	5,0-7,0	1101-3010							3,0*10 Dome head Cu/St (RST) blind rivet
	12,0	7,0-9,0	1101-3012							3,0*12 Dome head Copper/Steel rivet
3,2 [+0,08/-0,10] *Ø 3,3	6,0	1,0-3,0	1101-3206	6,5 [+0/-0,7]	0,8 [+/- 0,2]	~1,95	≥27	800	700	3,2*6 Dome head Copper/Steel rivet
	8,0	3,0-5,0	1101-3208							3,2*8 Dome head Cu/St (RST) rivet
	10,0	5,0-7,0	1101-3210							3,2*10 Dome head Cu/St (RST) pop rivet
	12,0	7,0-9,0	1101-3212							3,2*12 Dome head Cu/St (RST) blind rivet
4,0 [+0,08/-0,15] *Ø 4,1	6,0	1,0-2,5	1101-4006	8,0 [+0/-1,0]	1,0 [+/- 0,3]	~2,10	≥27	1 500	1 000	4,0*6 Dome head Cu/St (RST) rivet
	8,0	2,5-4,5	1101-4008							4,0*8 Dome head Cu/St (RST) pop rivet
	10,0	4,5-6,5	1101-4010							4,0*10 Dome head Cu/St (RST) blind rivet
	12,0	6,5-8,5	1101-4012							4,0*12 Dome head Copper/Steel rivet
	14,0	8,5-10,5	1101-4014							4,0*14 Dome head Cu/St (RST) rivet
	16,0	10,5-12,5	1101-4016							4,0*16 Dome head Cu/St (RST) pop rivet
4,8 [+0,08/-0,15] *Ø 4,9	8,0	1,5-3,5	1101-4808	9,5 [+0/-1,0]	1,1 [+/- 0,3]	~2,70	≥27	2 000	1 500	4,8*8 Dome head Cu/St (RST) blind rivet
	10,0	3,5-5,5	1101-4810							4,8*10 Dome head Copper/Steel rivet
	12,0	5,5-7,5	1101-4812							4,8*12 Dome head Cu/St (RST) rivet
	14,0	7,5-9,5	1101-4814							4,8*14 Dome head Cu/St (RST) pop rivet
	16,0	9,5-11,5	1101-4816							4,8*16 Dome head Cu/St (RST) blind rivet

Technical specifications:
- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily

1151 Dome head Copper-Bronzee rivet, blind rivet, pop rivet

DIN: 7337A
DIN EN ISO: 16582
Rivet body: Copper
Mandrel: Bronze

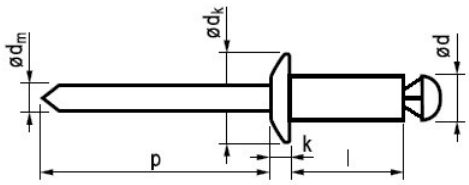


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0/-0,10] *Ø 3,3	5,0	2,0-3,0	1151-3205	6,2 [+/-0,2]	0,8 [+/-0,2]	~2,00	≥31	1000	800	3,2*5 Dome head Copper/Bronze rivet
	6,0	2,5-3,5	1151-3206							3,2*6 Dome head Copper/Bronze pop rivet
	7,0	3,0-4,5	1151-3207							3,2*7 Dome head Copper/Bronze blind rivet
	9,0	4,0-6,5	1151-3209							3,2*9 Dome head Copper/Bronze rivet
	10,0	5,0-7,5	1151-3210							3,2*10 Dome head Copper/Bronze pop rivet
	12,0	7,0-9,5	1151-3212							3,2*12 Dome head Copper/Bronze blind rivet

Technical specifications:
- after riveting the stem/mandrel of rivet is not fixed in the rivet body necessarily

1301 Dome head Aluminum/Steel 4-be peel rivet (FIOR)

Rivet body: Aluminum [AlMg3,5]
Mandrel: Steel, RoHS surface treatment

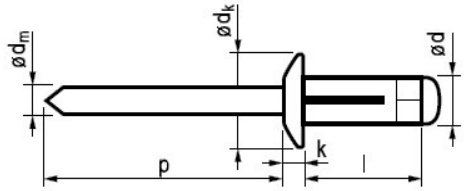


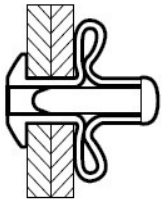
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,15/-0,15] *Ø 3,7	8,0	0,5-1,0	1301-3208	6,5 [+/-0,2]	1 [+/- 0,1]	~1,8	≥27	750	820	3,2*8 Dome head Alu./Steel peel rivet
	10,0	1,0-3,0	1301-3210							3,2*10 Dome head Al/St peel rivet
	12,0	3,0-5,0	1301-3212							3,2*12 Dome head Al/St FIOR rivet
	16,0	7,0-9,0	1301-3216							3,2*16 Dome head Alu./Steel peel rivet
	18,0	9,0-11,0	1301-3218							3,2*18 Dome head Al/St peel rivet
4,0 [+0,15/-0,15] *Ø 4,5	10,0	1,5-5,0	1301-4010	8,0 [+0/-0,4]	1,2 [+/- 0,2]	~2,10	≥27	1 140	1 280	4,0*10 Dome head Al/St FIOR rivet
	12,0	4,0-6,5	1301-4012							4,0*12 Dome head Alu./Steel peel rivet
	14,0	6,0-9,0	1301-4014							4,0*14 Dome head Al/St peel rivet
	16,0	8,0-11,0	1301-4016							4,0*16 Dome head Al/St FIOR rivet
	18,0	10,0-13,0	1301-4018							4,0*18 Dome head Alu./Steel peel rivet
	20,0	12,0-15,0	1301-4020							4,0*20 Dome head Al/St peel rivet
4,8 [+0,15/-0,15] *Ø5,3	10,0	1,5-4,0	1301-4810	9,0 [+0/-0,4]	1,4 [+/- 0,2]	~2,70	≥27	2450	2100	4,8*10 Dome head Al/St FIOR rivet
	12,0	2,0-6,0	1301-4812							4,8*12 Dome head Alu./Steel peel rivet
	14,0	4,0-8,0	1301-4814							4,8*14 Dome head Al/St peel rivet
	16,0	6,0-10,0	1301-4816							4,8*16 Dome head Al/St FIOR rivet
	18,0	8,0-12,0	1301-4818							4,8*18 Dome head Alu./Steel peel rivet
	20,0	10,0-14,0	1301-4820							4,8*20 Dome head Al/St peel rivet
	22,0	12,0-16,0	1301-4822							4,8*22 Dome head Al/St FIOR rivet
	25,0	16,0-19,0	1301-4825							4,8*25 Dome head Alu./Steel peel rivet
	30,0	19,0-24,0	1301-4830							4,8*30 Dome head Al/St peel rivet
	35,0	24,0-29,0	1301-4835							4,8*35 Dome head Al/St FIOR rivet
	40,0	29,0-34,0	1301-4840							4,8*40 Dome head Alu./Steel peel rivet

Technical specifications:
- especially suitable for riveting plastic/soft materials
- it does not break/crack the materials because of large contact surface

1361 Dome head Alminum/Alminum peel rivet

Rivet body: Alminum [AlMg3]
Mandrel: Alminum [AlMg3]



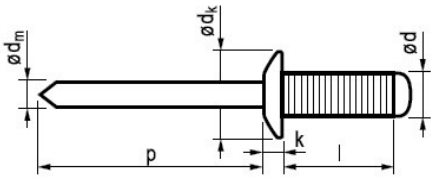


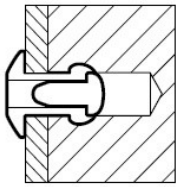
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
4,0 [+0,1/-0,1] *Ø 4,2 [4,4 max]	13,6	1,0-3,0	1361-4013	8,0 [+/-0,29]	≤1,7	~2,50	≥27	800	500	4,0*13 Dome head Al/Al peel rivet
	18,8	3,0-7,0	1361-4018							4,0*18 D head Al/Al peel rivet
4,8 [+0,1/-0,1] *Ø5,0 [5,2 max]	15,3	1,0-3,0	1361-4815	9,6 [+/-0,29]	≤2,0	~2,90	≥27	1100	800	4,8*15 Dome head Al/Al peel rivet
	20,5	3,0-9,0	1361-4820							4,8*20 D head Al/Al peel rivet
	24,5	5,0-12,0	1361-4824							4,8*24 Dome head Al/Al peel rivet

Technical specifications:
- especially suitable for riveting plastic/soft materials
- it does not break/crack the materials because of large contact surface
- thanks to Al stem/mandrel there will be no rust

1601 Dome head Aluminum/Steel grooved blind rivet for blind hole

Rivet body: Aluminum (AlMg2,5)
Mandrel: Steel, RoHS surface treatment



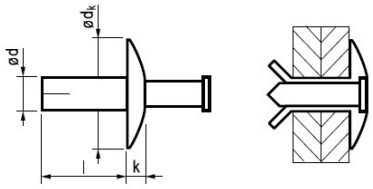


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,35/-0] *Ø 3,4	10,0	Max. 6,0	1601-3210	6,0 [+/-0,24]	≤1,4	~1,8	≥27	930	525	3,2*10 Dome head Alu./Steel blind hole rivet
	14,0	Max.10,0	1601-3214							3,2*14 Dome head Al/St grooved rivet
4,0 [+0,35/-0] *Ø 4,3	8,0	Max. 4,0	1601-4008	8,0 [+/-0,29]	≤1,7	~2,20	≥27	1 410	885	4,0*8 Dome head Al/St grooved rivet
	10,0	Max. 6,0	1601-4010							4,0*10 Dome head Alu./Steel blind hole rivet
	12,0	Max. 8,0	1601-4012							4,0*12 Dome head Al/St grooved rivet
	16,0	Max.12,0	1601-4016							4,0*16 Dome head Al/St grooved rivet
4,8 [+0,35/-0] *Ø5,1	8,0	Max. 4,0	1601-4808	9,5 [+/-0,29]	≤2	~2,65	≥27	1 575	1 185	4,8*8 Dome head Alu./Steel blind hole rivet
	10,0	Max. 6,0	1601-4810							4,8*10 Dome head Al/St grooved rivet
	11,0	Max. 7,0	1601-4811							4,8*11 Dome head Al/St grooved rivet
	12,0	Max. 8,0	1601-4812							4,8*12 Dome head Alu./Steel blind hole rivet
	14,0	Max.10,0	1601-4814							4,8*14 Dome head Al/St grooved rivet
	16,0	Max.12,0	1601-4816							4,8*16 Dome head Al/St grooved rivet
	18,0	Max.14,0	1601-4818							4,8*18 Dome head Alu./Steel blind hole rivet
	20,0	Max.16,0	1601-4820							4,8*20 Dome head Al/St grooved rivet
	25,0	Max. 21,0	1601-4825							4,8*25 Dome head Al/St grooved rivet
	30,0	Max. 26,0	1601-4830							4,8*30 Dome head Alu./Steel blind hole rivet

Technical specifications:
- to be used in blind hole

1803 Dome head Aluminum/Inox hammerdrive rivet

Rivet body: Aluminum (AlMg5)
Mandrel: Stainless steel (A2)



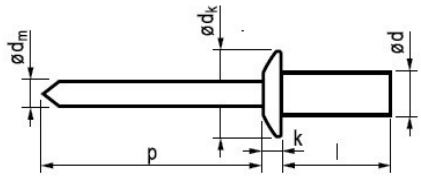
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
4,8 [+/-0,08] *Ø4,9	9,0	4,5-7,0	1803-4809	16,0 [+/-0,4]	2,6 [+/-0,3]	0	0	2 950	4 900	4,8*9 DF Al/A2 hammerdrive rivet
	11,0	6,5-9,0	1803-4811							4,8*11 Dome head Alu./A2 hammerdrive rivet
	16,0	11,5-13,0	1803-4816							4,8*16 DF Al/A2 hammerdrive rivet
	20,0	15,5-17,0	1803-4820							4,8*20 Dome head Alu./A2 hammerdrive rivet
	25,0	20,5-22,0	1803-4825							4,8*25 DF Al/A2 hammerdrive rivet
	30,0	25,5-27,0	1803-4830							4,8*30 Dome head Alu./A2 hammerdrive rivet
	35,0	30,5-32,0	1803-4835							4,8*35 DF Al/A2 hammerdrive rivet
	40,0	35,5-37,0	1803-4840							4,8*40 Dome head Alu./A2 hammerdrive rivet
	45,0	40,5-42,0	1803-4845							4,8*45 DF Al/A2 hammerdrive rivet
	50,0	45,5-47,0	1803-4850							4,8*50 Dome head Alu./A2 hammerdrive rivet

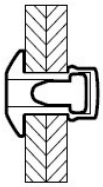
Technical specifications:
- hammerdrive rivet
- aesthetic head
- there will be no rust

1201 Dome head AL-ST closed rivet, closed blind rivet, closed pop rivet

DIN EN ISO: 15975

Rivet body: Aluminum (AlMg5)
Mandrel: Steel, Phosphated





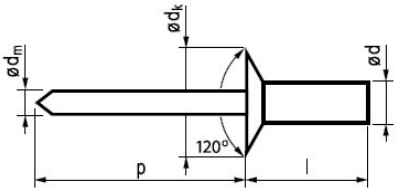
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+/-0,08] *Ø 3,3	6,5	0,5-2,0	1201-3206	6,0 [+/-0,24]	≤1,4	~1,70	≥27	1 250	1 070	3,2*6 Dome head Aluminum/Steel closed rivet
	8,0	2,0-3,5	1201-3208							3,2*8 Dome head Al/St waterproof rivet
	9,5	3,5-5,0	1201-3209							3,2*9 Dome head Al/St closed pop rivet
	10,7	5,0-6,5	1201-3210							3,2*10 Dome head Al/St closed blind rivet
	12,7	6,5-8,0	1201-3212							3,2*12 Dome head Aluminum/Steel closed rivet
4,0 [+/-0,08] *Ø 4,1	8,0	0,5-3,5	1201-4008	8,0 [+/-0,29]	≤1,7	~2,18	≥27	2 240	1 700	4,0*8 Dome head Al/St waterproof rivet
	9,5	3,5-4,5	1201-4009							4,0*9 Dome head Al/St closed pop rivet
	11,0	4,5-6,5	1201-4011							4,0*11 Dome head Al/St closed blind rivet
	12,7	6,5-8,0	1201-4012							4,0*12 Dome head Aluminum/Steel closed rivet
	15,0	8,0-10,5	1201-4015							4,0*15 Dome head Al/St waterproof rivet
4,8 [+/-0,08] *Ø 4,9	8,0	1,0-3,0	1201-4808	9,5 [+/-0,29]	≤2,0	~2,63	≥27	3 100	2 200	4,8*8 Dome head Al/St closed pop rivet
	9,5	3,0-4,5	1201-4809							4,8*9 Dome head Al/St closed blind rivet
	11,0	4,5-6,0	1201-4811							4,8*11 Dome head Aluminum/Steel closed rivet
	12,5	6,0-7,5	1201-4812							4,8*12 Dome head Al/St waterproof rivet
	14,0	7,5-9,0	1201-4814							4,8*14 Dome head Al/St closed pop rivet
	16,0	9,0-11,0	1201-4816							4,8*16 Dome head Al/St closed blind rivet
	18,0	11,0-13,0	1201-4818							4,8*18 Dome head Aluminum/Steel closed rivet
	21,0	13,0-16,0	1201-4821							4,8*21 Dome head Al/St waterproof rivet
	25,0	16,0-20,0	1201-4825							4,8*25 Dome head Al/St closed pop rivet
6,4 [+/-0,11] *Ø 6,5	12,5	1,5-6,0	1201-6412	12,7 [+/-0,35]	≤2,5	~3,70	≥31	4 900	3 950	6,4*12 Dome head Al/St closed blind rivet
	16,0	6,0-8,0	1201-6416							6,4*16 Dome head Aluminum/Steel closed rivet

Technical specifications:

- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- it has stronger shear/tensile strength as the regular rivets

1204 Countersunk head AL-ST closed rivet, closed blind rivet, closed pop rivet

Rivet body: Aluminum (AlMg5)
Mandrel: Steel, Phosphated

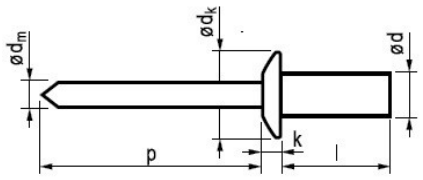


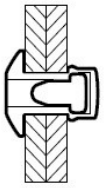
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+/-0,08] *Ø 3,3	7,5	1,5-3,5	1204-3207	6,0 [+/-0,4]	0	~1,70	≥27	1245	1070	3,2*7 Countersunk Aluminum/Steel closed rive
	9,0	3,0-5,0	1204-3209							3,2*9 Countersunk head Al/St waterproof rivet
	10,5	4,5-6,5	1204-3210							3,2*10 Countersunk head Al/St closed pop rivet
4,0 [+/-0,08] *Ø 4,1	9,5	3,0-5,0	1204-4009	7,5 [+/-0,5]	0	~2,2	≥27	2240	1710	4,0*9 Countersunk head Al/St waterproof rivet
	11,0	4,5-6,5	1204-4011							4,0*11 Countersunk head Al/St closed pop rivet
	12,5	6,0-8,0	1204-4012							4,0*12 Countersunk head Al/St closed blind rive
4,8 [+/-0,08] *Ø 4,9	9,5	2,5-4,5	1204-4809	9,0 [+/-0,5]	0	~2,65	≥27	3070	2230	4,8*9 Countersunk head Al/St closed pop rivet
	11,0	4,0-6,0	1204-4811							4,8*11 Countersunk head Al/St closed blind rive
	12,5	5,5-7,5	1204-4812							4,8*12 Countersunk Aluminum/Steel closed riv
	14,0	7,0-9,0	1204-4814							4,8*14 Countersunk head Al/St waterproof rivet
	15,5	8,5-10,5	1204-4815							4,8*15 Countersunk head Al/St closed pop rivet
	19,0	12,0-14,0	1204-4819							4,8*19 Countersunk head Al/St closed blind rive

Technical specifications:
- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- it has stronger shear/tensile strength as the regular rivets

1211 Dome head AL-AL closed rivet, closed blind rivet, closed pop rivet

Rivet body: Aluminum (Al99,5)
Mandrel: Aluminum



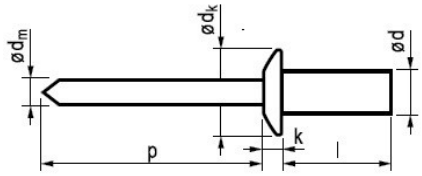


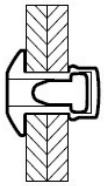
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+/-0,08] *Ø 3,3	8,0	0,5-3,5	1211-3208	6,0 [+/-0,24]	≤1,4	~1,80	≥27	490	450	3,2*8 Dome head Alu/Alu closed rivet
	9,5	3,5-5,5	1211-3209							3,2*9 Dome head Al/Al waterproof rivet
4,0 [+/-0,08] *Ø 4,1	9,5	0,5-5,0	1211-4009	8,0 [+/-0,29]	≤1,7	~2,2	≥27	820	580	4,0*9 DF Aluminum/Aluminum closed pop rivet
	12,5	5,0-8,0	1211-4012							4,0*12 Dome head Al/Al closed blind rivet
4,8 [+/-0,08] *Ø 4,9	9,5	1,0-4,5	1211-4809	9,5 [+/-0,29]	≤2,0	~2,65	≥27	1120	900	4,8*9 Dome head Alu/Alu closed rivet
	11,5	4,5-6,5	1211-4811							4,8*11 Dome head Al/Al waterproof rivet
	14,5	6,5-9,5	1211-4814							4,8*14 DF Aluminum/Aluminum closed pop rivet
	18,0	9,5-13,0	1211-4818							4,8*18 Dome head Al/Al closed blind rivet

Technical specifications:
- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- thanks to Al stem/mandrel there will be no rust

1231 Dome head AL-A2 closed rivet, closed blind rivet, closed pop rivet

Rivet body: Aluminum (AlMg5)
Mandrel: Stainless steel (A2)





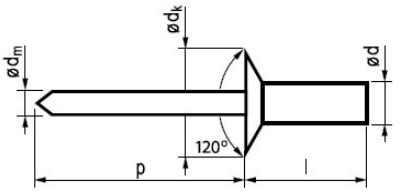
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+/-0,08] *Ø 3,3	6,5	0,5-2,0	1231-3206	6,0 [+/-0,24]	≤1,4	~1,70	≥27	1250	1070	3,2*6 Dome head Aluminum/Inox closed rivet
	8,0	2,0-3,5	1231-3208							3,2*8 Dome head Al/A2 waterproof rivet
	9,5	3,5-5,0	1231-3209							3,2*9 Dome head Al/A2 closed pop rivet
	11,0	5,0-6,5	1231-3211							3,2*11 Dome head Al/A2 closed blind rivet
	12,7	6,5-8,0	1231-3212							3,2*12 Dome head Aluminum/Inox closed rivet
4,0 [+/-0,08] *Ø 4,1	8,0	0,5-3,5	1231-4008	8,0 [+/-0,29]	≤1,7	~2,18	≥27	2240	1700	4,0*8 Dome head Al/A2 waterproof rivet
	9,5	3,5-4,5	1231-4009							4,0*9 Dome head Al/A2 closed pop rivet
	11,0	4,5-6,5	1231-4011							4,0*11 Dome head Al/A2 closed blind rivet
	12,7	6,5-8,0	1231-4012							4,0*12 Dome head Aluminum/Inox closed rivet
4,8 [+/-0,08] *Ø 4,9	8,0	1,0-,3,0	1231-4808	9,5 [+/-0,29]	≤2,0	~2,63	≥27	3100	2200	4,8*8 Dome head Al/A2 closed pop rivet
	9,5	3,0-4,5	1231-4809							4,8*9 Dome head Al/A2 closed blind rivet
	11,0	4,5-6,0	1231-4811							4,8*11 Dome head Aluminum/Inox closed rivet
	12,5	6,0-7,5	1231-4812							4,8*12 Dome head Al/A2 waterproof rivet
	14,0	7,5-9,0	1231-4814							4,8*14 Dome head Al/A2 closed pop rivet
	16,0	9,0-11,0	1231-4816							4,8*16 Dome head Al/A2 closed blind rivet
	18,0	11,0-13,0	1231-4818							4,8*18 Dome head Aluminum/Inox closed rivet
	21,0	13,0-16,0	1231-4821							4,8*21 Dome head Al/A2 waterproof rivet

Technical specifications:

- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- it has stronger shear/tensile strength as the regular rivets
- due to Inox stem/mandrel it is stainless

1234 Countersunk head AL-A2 closed rivet, closed blind rivet, closed pop rivet

Rivet body: Aluminum (AlMg5)
Mandrel: Stainless steel (A2)



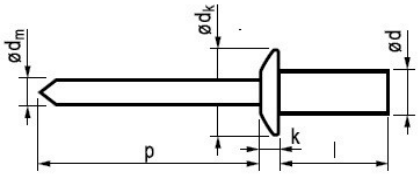
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+/-0,08] *Ø 3,3	9,0	3,0-5,0	1234-3209	6,0 [+/-0,4]	0	~1,70	≥27	1245	1070	3,2*9 Countersunk Aluminum/Inox closed rivet
4,0 [+/-0,08] *Ø 4,1	9,5	3,0-5,0	1234-4009	7,5 [+/-0,5]	0	~2,2	≥27	2240	1710	4,0*9 Countersunk head Al/A2 waterproof rivet
	11,0	4,5-6,5	1234-4011							4,0*11 Countersunk head Al/A2 closed pop rivet
4,8 [+/-0,08] *Ø 4,9	11,0	4,0-6,0	1234-4811	9,0 [+/-0,5]	0	~2,65	≥27	3070	2230	4,8*11 Countersunk head Al/A2 closed pop rivet
	14,0	7,0-9,0	1234-4814							4,8*14 Countersunk head Al/A2 closed blind riv
	18,0	11,0-13,0	1234-4818							4,8*18 Countersunk Aluminum/Inox closed rive

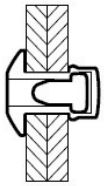
Technical specifications:
- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- it has stronger shear/tensile strength as the regular rivets
- due to Inox stem/mandrel it is stainless

1241 Dome head ST-ST closed rivet, closed blind rivet, closed pop rivet

DIN EN ISO: 15976

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment





Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,1] *Ø 3,3	6,0	0,5-1,5	1241-3206	6,0 [+/-0,24]	1,0 [+/-0,3]	~1,90	≥27	2200	1600	3,2*6 Dome head Steel/Steel closed rivet
	8,0	1,5-3,0	1241-3208							3,2*8 Dome head St/St waterproof rivet
	9,5	3,0-5,0	1241-3209							3,2*9 Dome head St/St closed pop rivet
	12,0	5,0-7,0	1241-3212							3,2*12 Dome head St/St closed blind rivet
4,0 [+0,08/-0,1] *Ø 4,1	6,0	0,5-1,5	1241-4006	8,0 [+/-0,29]	1,4 [+/-0,3]	~2,3	≥27	2 500	2 300	4,0*6 Dome head St/St waterproof rivet
	8,0	1,5-3,0	1241-4008							4,0*8 Dome head St/St closed pop rivet
	10,0	3,0-5,0	1241-4010							4,0*10 Dome head St/St closed blind rivet
	12,0	5,0-6,5	1241-4012							4,0*12 Dome head Steel/Steel closed rivet
	15,0	6,5-10,5	1241-4015							4,0*15 Dome head St/St waterproof rivet
4,8 [+0,08/-0,1] *Ø 4,9	8,0	1,0-3,0	1241-4808	9,5 [+/-0,29]	1,7 [+/-0,3]	~2,9	≥27	3800	2900	4,8*8 Dome head St/St closed pop rivet
	9,5	3,0-5,0	1241-4809							4,8*9 Dome head St/St closed blind rivet
	12,0	5,0-6,5	1241-4812							4,8*12 Dome head Steel/Steel closed rivet
	16,0	6,5-10,5	1241-4816							4,8*16 Dome head St/St waterproof rivet

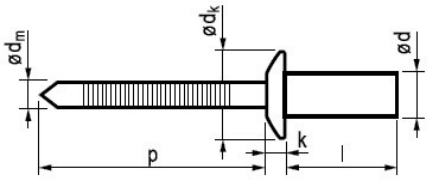
Technical specifications:

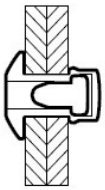
- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- it has stronger shear/tensile strength as the regular rivets

1261 Dome head Inox-Inox closed rivet, closed blind rivet, closed pop rivet

DIN EN ISO: 16585

Rivet body: Stainless steel (A2)
Mandrel: Stainless steel (A2)





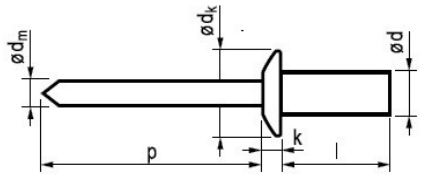
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,1] *Ø 3,3	6,0	0,5-1,5	1261-3206	6,0 [+/-0,24]	≤1,4	~1,90	≥27	2500	2000	3,2*6 D head Stainless /Inox closed rivet
	8,0	1,5-3,0	1261-3208							3,2*8 Dome head A2/A2 waterproof rivet
	9,5	3,0-5,0	1261-3209							3,2*9 Dome head A2/A2 closed pop rivet
	12,0	5,0-7,0	1261-3212							3,2*12 Dome head A2/A2 closed blind rivet
4,0 [+0,08/-0,1] *Ø 4,1	6,0	0,5-1,5	1261-4006	8,0 [+/-0,29]	≤1,7	~2,3	≥27	4 000	3 000	4,0*6 D head Stainless /Inox closed rivet
	8,0	1,5-3,0	1261-4008							4,0*8 Dome head A2/A2 waterproof rivet
	9,5	3,0-5,0	1261-4009							4,0*9 Dome head A2/A2 closed pop rivet
	10,0	3,0-5,0	1261-4010	8,1 – 8,7						4,0*10 Dome head A2/A2 closed blind rivet
	12,0	5,0-6,5	1261-4012	8,0 [+/-0,29]						4,0*12 Dome head A2/A2 closed blind rivet
	16,0	6,5-10,5	1261-4016							4,0*16 D head Stainless /Inox closed rivet
4,8 [+0,08/-0,1] *Ø 4,9	8,0	1,0-3,0	1261-4808	9,5 [+/-0,29]	≤2,0	~2,9	≥27	5500	4500	4,8*8 Dome head A2/A2 waterproof rivet
	9,5	3,0-5,0	1261-4809							4,8*9 Dome head A2/A2 closed pop rivet
	10,0	3,0-5,0	1261-4810	9,8 – 10,4						4,8*10 Dome head A2/A2 waterproof rivet
	12,0	5,0-6,5	1261-4812	9,5 [+/-0,29]						4,8*12 Dome head A2/A2 closed blind rivet
	16,0	6,5-10,5	1261-4816							4,8*16 D head Stainless /Inox closed rivet
	20,0	10,5-14,0	1261-4820							4,8*20 Dome head A2/A2 waterproof rivet

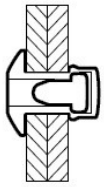
Technical specifications:

- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- it has stronger shear/tensile strength as the regular rivets
- compared to Aluminum/steel rivet 1261 has higher strength
- stainless (it is not acid resistant)

1251 Dome head CU-ST closed rivet, closed blind rivet, closed pop rivet

Rivet body: Copper
Mandrel: Steel, Cooper plated



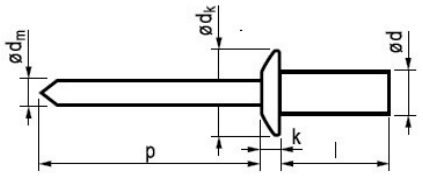


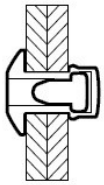
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,1] *Ø 3,3	6,5	0,5-1,5	1251-3206	6,0 [+/-0,24]	≤1,4	~1,70	≥27	1300	850	3,2*6 Dome head Copper/Steel closed rivet
	8,0	1,5-3,0	1251-3208							3,2*8 Dome head Cu/St waterproof rivet
	9,5	2,5-4,5	1251-3209							3,2*9 Dome head Cu/St closed pop rivet
	12,5	4,5-7,5	1251-3212							3,2*12 Dome head Cu/St closed blind rivet
4,0 [+0,08/-0,1] *Ø 4,1	8,0	0,5-2,0	1251-4008	8,0 [+/-0,29]	≤1,7	~2,18	≥27	2000	1350	4,0*8 Dome head Copper/Steel closed rivet
	10,0	2,0-4,0	1251-4010							4,0*10 Dome head Cu/St waterproof rivet
4,8 [+0,08/-0,1] *Ø 4,9	9,5	1,0-2,5	1251-4809	9,5 [+/-0,29]	≤2,0	~2,63	≥27	2800	1950	4,8*9 Dome head Cu/St closed pop rivet
	11,5	2,5-4,5	1251-4811							4,8*11 Dome head Cu/St closed blind rivet

Technical specifications:
- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- it has stronger shear/tensile strength as the regular rivets
- for tinsmiths
- solderable

1281 Dome head CU-A2 closed rivet, closed blind rivet, closed pop rivet

Rivet body: Copper
Mandrel: Stainless steel (A2)





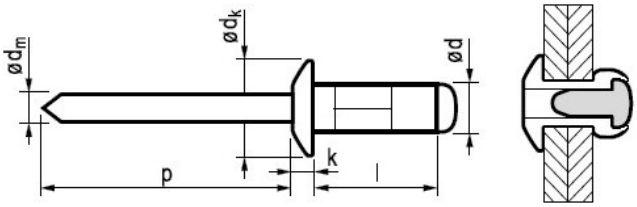
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,1] *Ø 3,3	6,5	0,5-1,5	1281-3206	6,0 [+/-0,24]	≤1,4	~1,70	≥27	1300	850	3,2*6 Dome head Copper/Inox closed rivet
	8,0	1,0-3,0	1281-3208							3,2*8 Dome head Cu/A2 waterproof rivet
	9,5	2,5-4,5	1281-3209							3,2*9 Dome head Cu/A2 closed pop rivet
	12,5	5,5-7,5	1281-3212							3,2*12 Dome head Cu/A2 closed blind rivet
4,0 [+0,08/-0,1] *Ø 4,1	8,0	0,5-3,0	1281-4008	8,0 [+/-0,29]	≤1,7	~2,18	≥27	2000	1350	4,0*8 Dome head Copper/Inox closed rivet
	10,0	3,0-5,0	1281-4010							4,0*10 Dome head Cu/A2 waterproof rivet

Technical specifications:
- after riveting the stem/mandel of rivet fixed in the rivet body
- airtight and waterproof (extra safe if used with silicone)
- it is good till 35 bar of pressure
- it has stronger shear/tensile strength as the regular rivets
- for tinsmiths
- solderable

1001 AL-ST Hole filling rivet with dome head (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Aluminum (AlMg2,5)

Mandrel: Steel, RoHS surface treatment



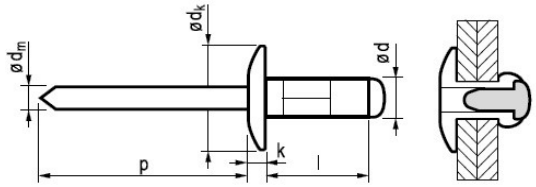
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,0 [+0,05/-0,13] *Ø 3,1 [3,3 max]	6,0	0,5-3,0	1001-3006	6,0 [+/-0,24]	≤1,4	~1,70	≥27	655	520	3,0*6 Aluminum/Steel PLIA rivet
	8,0	0,5-5,0	1001-3008							3,0*8 Aluminum/Steel hole filling
	10,0	2,5-7,0	1001-3010							3,0*10 Aluminum/Steel multigrip rivet
	12,0	4,5-9,0	1001-3012							3,0*12 Dome head AL/St multigrip rivet
3,2 [+0,05/-0,13] *Ø 3,3 [3,5 max]	6,0	0,5-3,0	1001-3206	6,0 [+/-0,24]	≤1,4	~1,78	≥27	980	680	3,2*6 Aluminum/Steel PLIA rivet
	8,0	0,5-5,0	1001-3208							3,2*8 Aluminum/Steel hole filling
	9,5	2,0-6,5	1001-3209							3,2*9 Aluminum/Steel multigrip rivet
	10,0	2,5-7,0	1001-3210							3,2*10 Dome head AL/St multigrip rivet
	11,1	3,5-8,0	1001-3211							3,2*11 Aluminum/Steel PLIA rivet
	12,0	4,5-9,0	1001-3212							3,2*12 Aluminum/Steel hole filling
	12,7	5,5-9,5	1001-3213							3,2*13 Aluminum/Steel multigrip rivet
	14,0	6,5-11,0	1001-3214							3,2*14 Dome head AL/St multigrip rivet
	16,0	8,5-13,0	1001-3216							3,2*16 Aluminum/Steel PLIA rivet
4,0 [+0,05/-0,13] *Ø 4,1 [4,3 max]	6,0	0,5-2,5	1001-4006	8,0 [+/-0,29]	≤1,7	~2,18	≥27	1 600	1 150	4,0*6 Aluminum/Steel hole filling
	8,0	0,5-4,5	1001-4008							4,0*8 Aluminum/Steel multigrip rivet
	9,5	1,0-6,0	1001-4009							4,0*9 Dome head AL/St multigrip rivet
	10,0	1,5-6,5	1001-4010							4,0*10 Aluminum/Steel PLIA rivet
	12,0	3,5-8,5	1001-4012							4,0*12 Aluminum/Steel hole filling
	12,7	4,0-9,5	1001-4013							4,0*13 Aluminum/Steel multigrip rivet
	14,0	5,5-10,5	1001-4014							4,0*14 Dome head AL/St multigrip rivet
	16,0	7,5-12,5	1001-4016							4,0*16 Aluminum/Steel PLIA rivet
	17,0	8,5-13,5	1001-4017							4,0*17 Aluminum/Steel hole filling
	18,0	9,5-14,5	1001-4018							4,0*18 Aluminum/Steel multigrip rivet
	20,0	11,5-16,5	1001-4020							4,0*20 Dome head AL/St multigrip rivet
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	10,0	0,5-5,0	1001-4810	9,5 [+/-0,29]	≤2,0	~2,78	≥27	2 350	1 500	4,8*10 Aluminum/Steel PLIA rivet
	10,3	0,5-5,5	1001-4811							4,8*11 Aluminum/Steel hole filling
	12,0	2,0-7,0	1001-4812							4,8*12 Aluminum/Steel multigrip rivet
	14,0	4,0-9,0	1001-4814							4,8*14 Dome head AL/St multigrip rivet
	15,1	5,0-10,5	1001-4815							4,8*15 Aluminum/Steel PLIA rivet
	16,0	6,0-11,0	1001-4816							4,8*16 Aluminum/Steel hole filling
	17,0	7,0-12,0	1001-4817							4,8*17 Aluminum/Steel multigrip rivet
	18,0	8,0-13,0	1001-4818							4,8*18 Dome head AL/St multigrip rivet
	20,0	10,0-15,0	1001-4820							4,8*20 Aluminum/Steel PLIA rivet
	22,0	12,0-17,0	1001-4822							4,8*22 Aluminum/Steel hole filling
	24,0	14,0-19,0	1001-4824							4,8*24 Aluminum/Steel multigrip rivet
	24,8	14,5-19,5	1001-4825							4,8*25 Dome head AL/St multigrip rivet

Technical specifications:

- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic

1002 AL-ST Large head hole filling (Plia, multigrip, vibration resistant, higher strength))

Rivet body: Aluminum (AlMg2,5)
Mandrel: Steel, RoHS surface treatment

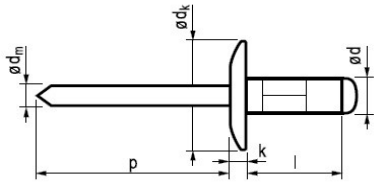


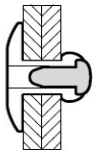
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ød$_k$ mm	k mm	Ød$_m$ mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,05/-0,13] *Ø 3,3 [3,5 max]	8,0	05,-5,0	1002-3208	9,5 [+0/-0,5]	≤2,0	~1,78	≥27	980	680	3,2*8 Al/St Large head multigrip rivet
	9,5	2,0-6,5	1002-3209							3,2*9 Al/St Large head multigrip rivet
	10,0	2,5-7,0	1002-3210							3,2*10 Al/St Large head multigrip rivet
	11,1	3,5-8,0	1002-3211							3,2*11 Al/St Large head multigrip rivet
	12,0	4,5-9,0	1002-3212							3,2*12 Al/St Large head multigrip rivet
	14,0	6,5-11,0	1002-3214							3,2*14 Al/St Large head multigrip rivet
	16,0	8,5-13,0	1002-3216							3,2*16 Al/St Large head multigrip rivet
4,0 [+0,05/-0,13] *Ø 4,1 [4,3 max]	8,0	0,5-4,5	1002-4008	12,0 [+0/-0,5]	≤2,5	~2,18	≥27	1 600	1 150	4,0*8 Al/St Large head multigrip rivet
	10,0	1,5-6,5	1002-4010							4,0*10 Al/St Large head multigrip rivet
	11,1	2,5-7,5	1002-4011							4,0*11 Al/St Large head multigrip rivet
	12,0	3,5-8,5	1002-4012							4,0*12 Al/St Large head multigrip rivet
	12,7	4,0-9,5	1002-4013							4,0*13 Al/St Large head multigrip rivet
	14,0	5,5-10,5	1002-4014							4,0*14 Al/St Large head multigrip rivet
	16,0	7,5-12,5	1002-4016							4,0*16 Al/St Large head multigrip rivet
	17,0	8,5-13,5	1002-4017							4,0*17 Al/St Large head multigrip rivet
	18,0	9,5-14,5	1002-4018							4,0*18 Al/St Large head multigrip rivet
	20,0	11,5-16,5	1002-4020							4,0*20 Al/St Large head multigrip rivet
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	10,0	0,5-5,0	1002-4810	14,0 [+0/-0,5]	≤2,5	~2,78	≥27	2 350	1 500	4,8*10 Al/St Large head multigrip rivet
	12,0	2,0-7,0	1002-4812							4,8*12 Al/St Large head multigrip rivet
	14,0	4,0-9,0	1002-4814							4,8*14 Al/St Large head multigrip rivet
	16,0	6,0-11,0	1002-4816							4,8*16 Al/St Large head multigrip rivet
	18,0	8,0-13,0	1002-4818							4,8*18 Al/St Large head multigrip rivet
	20,0	10,0-15,0	1002-4820							4,8*20 Al/St Large head multigrip rivet

Technical specifications:
- thanks to the larger rivet head the clinching force will be spreaded more efficiently, so the riveted material will have less deformation
- head of the rivet is aesthetic
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic

1003 Extra Large head hole filling (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Aluminum (AlMg2,5)
Mandrel: Steel, RoHS surface treatment



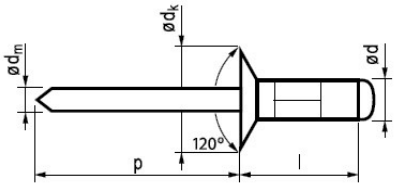


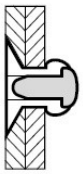
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	10,0	0,5-5,0	1002-4810	16,0 [+0/-0,5]	≤2,5	~2,78	≥27	2 350	1 500	4,8*10 Al/ST extra Large head multigrip rivet
	10,3	0,5-5,5	1003-4811							4,8*11 Al/ST extra Large head multigrip rivet
	12,0	2,0-7,0	1003-4812							4,8*12 Al/ST extra Large head multigrip rivet
	14,0	4,0-9,0	1003-4814							4,8*14 Al/ST extra Large head multigrip rivet
	16,0	6,0-11,0	1003-4816							4,8*16 Al/ST extra Large head multigrip rivet
	17,0	7,0-12,0	1003-4817							4,8*17 Al/ST extra Large head multigrip rivet
	18,0	8,0-13,0	1003-4818							4,8*18 Al/ST extra Large head multigrip rivet
	20,0	10,0-15,0	1003-4820							4,8*20 Al/ST extra Large head multigrip rivet
	22,0	12,0-17,0	1003-4822							4,8*22 Al/ST extra Large head multigrip rivet
	24,0	14,0-19,0	1003-4824							4,8*24 Al/ST extra Large head multigrip rivet
	24,8	14,5-19,5	1003-4825							4,8*25 Al/ST extra Large head multigrip rivet
	27,0	16,0-22,0	1003-4827							4,8*27 Al/ST extra Large head multigrip rivet

Technical specifications:
- thanks to the larger rivet head the clinching force will be spreaded more efficiently, so the riveted material will have less deformation
- head of the rivet is aesthetic
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic

1004 Countersunk head hole filling (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Aluminum (AlMg2,5)
Mandrel: Steel, RoHS surface treatment



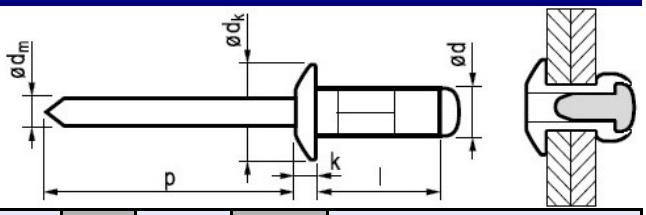


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ød$_k$ mm	k mm	Ød$_m$ mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,05/-0,13] *Ø 3,3 [3,5 max]	8,0	1,5-5,0	1004-3208	6,0 [+/-0,24]	0	~1,78	≥27	980	680	3,2*8 Al/St Countersunk head multigrip rivet
	9,7	2,5-6,5	1004-3209							3,2*9 Al/St Countersunk head multigrip rivet
	10,0	2,5-7,0	1004-3210							3,2*10 Al/St Countersunk head multigrip rivet
	12,0	4,5-9,0	1004-3212							3,2*12 Al/St Countersunk head multigrip rivet
4, [+0,05/-0,13] *Ø 4,1 [4,3 max]	8,0	1,5-4,5	1004-4008	8,0 [+/-0,29]	0	~2,18	≥27	1 600	1150	4,0*8 Al/St Countersunk head multigrip rivet
	10,0	1,5-6,5	1004-4010							4,0*10 Al/St Countersunk head multigrip rivet
	11,3	2,5-7,5	1004-4011							4,0*11 Al/St Countersunk head multigrip rivet
	12,0	3,5-8,5	1004-4012							4,0*12 Al/St Countersunk head multigrip rivet
	14,0	5,5-10,5	1004-4014							4,0*14 Al/St Countersunk head multigrip rivet
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	10,0	1,5-5,0	1004-4810	9,5 [+/-0,29]	0	~2,78	≥27	2 350	1500	4,8*10 Al/St Countersunk head multigrip rivet
	12,0	2,0-7,0	1004-4812							4,8*12 Al/St Countersunk head multigrip rivet
	14,0	4,0-9,0	1004-4814							4,8*14 Al/St Countersunk head multigrip rivet
	16,0	6,0-11,0	1004-4816							4,8*16 Al/St Countersunk head multigrip rivet
	16,9	7,0-12,0	1004-4817							4,8*17 Al/St Countersunk head multigrip rivet

Technical specifications:
- due to the countersunk head it remains in the level of the sheet
- counter-boring of the metal sheet is very important, if it is not good the rivet will be loose (not to be deep or shallow)
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic

1171 AL-ST White (RAL 9010) hole filling with dome head (multigrip, higher strength)

Rivet body: Aluminum (AlMg2,5)
Mandrel: Steel, RoHS surface treatment



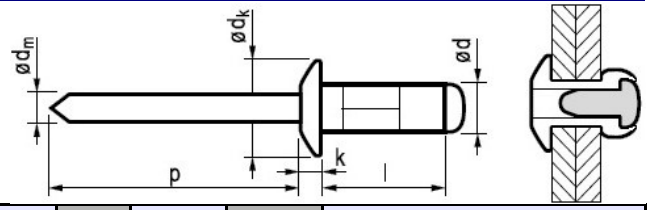
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ød$_k$ mm	k mm	Ød$_m$ mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,05/-0,13] *Ø 3,3 [3,5 max]	6,0	0,5-3,0	1171-3206	6,0 [+/-0,24]	≤1,4	~1,78	≥27	980	680	3,2*6 Aluminium/Steel white multigrip rivet
	8,0	0,5-5,0	1171-3208							3,2*8 Aluminium/Steel RAL9010 multig. rivet
	9,5	2,0-6,5	1171-3209							3,2*9 Aluminium/Steel white multigrip rivet
	10,0	2,5-7,0	1171-3210							3,2*10 Aluminium/Steel RAL9010 multig. rivet
	11,1	3,5-8,0	1171-3211							3,2*11 Aluminium/Steel white multigrip rivet
	12,0	4,5-9,0	1171-3212							3,2*12 Aluminium/Steel RAL9010 multig. rivet
	12,7	5,5-9,5	1171-3213							3,2*13 Aluminium/Steel white multigrip rivet
	14,0	6,5-11,0	1171-3214							3,2*14 Aluminium/Steel RAL9010 multig. rivet
	16,0	8,5-13,0	1171-3216							3,2*16 Aluminium/Steel white multigrip rivet
4,0 [+0,05/-0,13] *Ø 4,1 [4,3 max]	6,0	0,5-2,5	1171-4006	8,0 [+/-0,29]	≤1,7	~2,18	≥27	1 600	1 150	4,0*6 Aluminium/Steel RAL9010 multig. rivet
	8,0	0,5-4,5	1171-4008							4,0*8 Aluminium/Steel white multigrip rivet
	9,5	1,0-6,0	1171-4009							4,0*9 Aluminium/Steel RAL9010 multig. rivet
	10,0	1,5-6,5	1171-4010							4,0*10 Aluminium/Steel white multigrip rivet
	12,0	3,5-8,5	1171-4012							4,0*12 Aluminium/Steel RAL9010 multig. rivet
	12,7	4,0-9,5	1171-4013							4,0*13 Aluminium/Steel white multigrip rivet
	14,0	5,5-10,5	1171-4014							4,0*14 Aluminium/Steel RAL9010 multig. rivet
	16,0	7,5-12,5	1171-4016							4,0*16 Aluminium/Steel white multigrip rivet
	17,0	8,5-13,5	1171-4017							4,0*17 Aluminium/Steel RAL9010 multig. rivet
	18,0	9,5-14,5	1171-4018							4,0*18 Aluminium/Steel white multigrip rivet
	20,0	11,5-16,5	1171-4020							4,0*20 Aluminium/Steel RAL9010 multig. rivet
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	10,0	0,5-5,0	1171-4810	9,5 [+/-0,29]	≤2,0	~2,78	≥27	2 350	1 500	4,8*10 Aluminium/Steel white multigrip rivet
	10,3	0,5-5,5	1171-4811							4,8*11 Aluminium/Steel RAL9010 multig. rivet
	12,0	2,0-7,0	1171-4812							4,8*12 Aluminium/Steel white multigrip rivet
	14,0	4,0-9,0	1171-4814							4,8*14 Aluminium/Steel RAL9010 multig. rivet
	15,1	5,0-10,5	1171-4815							4,8*15 Aluminium/Steel white multigrip rivet
	16,0	6,0-11,0	1171-4816							4,8*16 Aluminium/Steel RAL9010 multig. rivet
	17,0	7,0-12,0	1171-4817							4,8*17 Aluminium/Steel white multigrip rivet
	18,0	8,0-13,0	1171-4818							4,8*18 Aluminium/Steel RAL9010 multig. rivet
	20,0	10,0-15,0	1171-4820							4,8*20 Aluminium/Steel white multigrip rivet
	22,0	12,0-17,0	1171-4822							4,8*22 Aluminium/Steel RAL9010 multig. rivet
	24,0	14,0-19,0	1171-4824							4,8*24 Aluminium/Steel white multigrip rivet
	24,8	14,5-19,5	1171-4825							4,8*25 Aluminium/Steel RAL9010 multig. rivet

Technical specifications:

- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic
- white painted rivet (RAL 9010)

1181 AL-ST Black (RAL9005) Dome head hole filling (Plia, multi, vibration resistant, higher strength)

Rivet body: Aluminum (AlMg2,5)
Mandrel: Steel, RoHS surface treatment

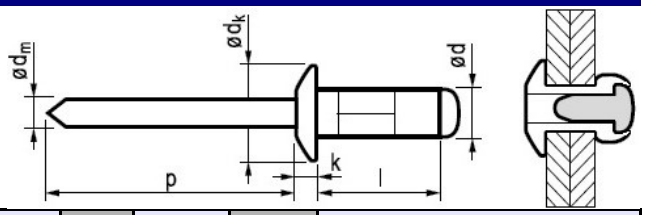


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,05/-0,13] *Ø 3,3 [3,5 max]	6,0	0,5-3,0	1181-3206	6,0 [+/-0,24]	≤1,4	~1,78	≥27	980	680	3,2*6 Aluminium/Steel black multigrip rivet
	8,0	0,5-5,0	1181-3208							3,2*8 Aluminium/Steel RAL9005 multig. rivet
	9,5	2,0-6,5	1181-3209							3,2*9 Aluminium/Steel black multigrip rivet
	10,0	2,5-7,0	1181-3210							3,2*10 Aluminium/Steel RAL9005 multig. rivet
	11,1	3,5-8,0	1181-3211							3,2*11 Aluminium/Steel black multigrip rivet
	12,0	4,5-9,0	1181-3212							3,2*12 Aluminium/Steel RAL9005 multig. rivet
	12,7	5,5-9,5	1181-3213							3,2*13 Aluminium/Steel black multigrip rivet
	14,0	6,5-11,0	1181-3214							3,2*14 Aluminium/Steel RAL9005 multig. rivet
	16,0	8,5-13,0	1181-3216							3,2*16 Aluminium/Steel black multigrip rivet
4,0 [+0,05/-0,13] *Ø 4,1 [4,3 max]	6,0	0,5-2,5	1181-4006	8,0 [+/-0,29]	≤1,7	~2,18	≥27	1 600	1 150	4,0*6 Aluminium/Steel RAL9005 multig. rivet
	8,0	0,5-4,5	1181-4008							4,0*8 Aluminium/Steel black multigrip rivet
	9,5	1,0-6,0	1181-4009							4,0*9 Aluminium/Steel RAL9005 multig. rivet
	10,0	1,5-6,5	1181-4010							4,0*10 Aluminium/Steel black multigrip rivet
	12,0	3,5-8,5	1181-4012							4,0*12 Aluminium/Steel RAL9005 multig. rivet
	12,7	4,0-9,5	1181-4013							4,0*13 Aluminium/Steel black multigrip rivet
	14,0	5,5-10,5	1181-4014							4,0*14 Aluminium/Steel RAL9005 multig. rivet
	16,0	7,5-12,5	1181-4016							4,0*16 Aluminium/Steel black multigrip rivet
	17,0	8,5-13,5	1181-4017							4,0*17 Aluminium/Steel RAL9005 multig. rivet
	18,0	9,5-14,5	1181-4018							4,0*18 Aluminium/Steel black multigrip rivet
	20,0	11,5-16,5	1181-4020							4,0*20 Aluminium/Steel RAL9005 multig. rivet
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	10,0	0,5-5,0	1181-4810	9,5 [+/-0,29]	≤2,0	~2,78	≥27	2 350	1 500	4,8*10 Aluminium/Steel black multigrip rivet
	10,3	0,5-5,5	1181-4811							4,8*11 Aluminium/Steel RAL9005 multig. rivet
	12,0	2,0-7,0	1181-4812							4,8*12 Aluminium/Steel black multigrip rivet
	14,0	4,0-9,0	1181-4814							4,8*14 Aluminium/Steel RAL9005 multig. rivet
	15,1	5,0-10,5	1181-4815							4,8*15 Aluminium/Steel black multigrip rivet
	16,0	6,0-11,0	1181-4816							4,8*16 Aluminium/Steel RAL9005 multig. rivet
	17,0	7,0-12,0	1181-4817							4,8*17 Aluminium/Steel black multigrip rivet
	18,0	8,0-13,0	1181-4818							4,8*18 Aluminium/Steel RAL9005 multig. rivet
	20,0	10,0-15,0	1181-4820							4,8*20 Aluminium/Steel black multigrip rivet
	22,0	12,0-17,0	1181-4822							4,8*22 Aluminium/Steel RAL9005 multig. rivet
	24,0	14,0-19,0	1181-4824							4,8*24 Aluminium/Steel black multigrip rivet
	24,8	14,5-19,5	1181-4825							4,8*25 Aluminium/Steel RAL9005 multig. rivet

Technical specifications:
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic
- black painted rivet (RAL 9005)

1441 AL-A2 Hole filling rivet with dome head (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Aluminum (AlMg2,5)
Mandrel: Stainless steel



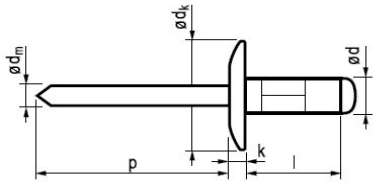
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,05/-0,13] *Ø 3,3 [3,5 max]	8,0	0,5-5,0	1441-3208	6,0 [+/-0,24]	≤1,4	~1,78	≥27	980	680	3,2*8 Aluminium/Stainless multig. rivet
	9,5	2,0-6,5	1441-3209							3,2*9 Aluminium/Inox multigrip rivet
	11,1	3,5-8,0	1441-3211							3,2*11 Aluminium/A2 multig. rivet
4,0 [+0,05/-0,13] *Ø 4,1 [4,3 max]	9,5	1,0-6,0	1441-4009	8,0 [+/-0,29]	≤1,7	~2,18	≥27	1 600	1 150	4,0*9 AL/Inox multigrip rivet
	12,7	4,0-9,5	1441-4012							4,0*12 AL/Stainless multig. rivet
	16,9	8,5-13,5	1441-4016							4,0*16 AL/A2 multigrip rivet
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	10,3	0,5-5,5	1441-4810	9,5 [+/-0,29]	≤2,0	~2,78	≥27	2 350	1 500	4,8*10 Aluminium/Stainless multig. rivet
	15,1	5,0-10,5	1441-4815							4,8*15 Aluminium/Inox multigrip rivet
	16,9	7,0-12,0	1441-4816							4,8*16 Aluminium/A2 multig. rivet
	24,8	14,5-19,5	1441-4824							4,8*24 Aluminium/Inox multigrip rivet

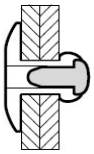
Technical specifications:

- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after setting, the mandrel is retained in the rivet which makes it vibration resistant (stem/mandrel will be fixed in the rivet body) compared to standard rivets
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic
- due to stainless stem/mandrel there will not be rust coming out of rivet

1443 AL-A2 Extra Large head hole filling (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Aluminum (AlMg2,5)
Mandrel: Stainless steel



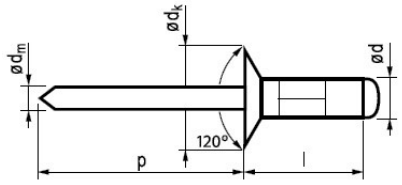


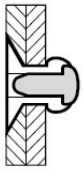
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,05/-0,13] *Ø 3,3 [3,5 max]	8,0	0,5-5,0	1443-3208	9,5 [+/-0,5]	≤2,0	~1,78	≥27	980	680	3,2*8 Extra Large head Al/A2 multigrip rivet
	9,5	2,0-6,5	1443-3209							3,2*9 Extra Large head Al/Inox multigrip rivet
	11,1	3,5-8,0	1443-3211							3,2*11 Extra Large head Al/A2 multigrip rivet
4,0 [+0,05/-0,13] *Ø 4,1 [4,3 max]	12,7	4,0-9,5	1443-4012	12,0 [+/-0,5]	≤2,5	~2,18	≥27	1 600	1 150	4,0*12 Extra Large head Al/Inox multigrip rivet
	16,9	8,5-13,5	1443-4016							4,0*16 Extra Large head Al/A2 multigrip rivet
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	10,3	0,5-5,5	1443-4810	16,0 [+/-0,5]	≤2,5	~2,78	≥27	2 350	1 500	4,8*10 Extra Large head Al/Inox multigrip rivet
	16,9	7,0-12,0	1443-4816							4,8*16 Extra Large head Al/A2 multigrip rivet
	24,8	14,5-19,5	1443-4824							4,8*24 Extra Large head Al/Inox multigrip rivet

Technical specifications:
- head of the rivet is aesthetic
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after setting, the mandrel is retained in the rivet which makes it vibration resistant (stem/mandrel will be fixed in the rivet body) compared to standard rivets
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic
- due to stainless stem/mandrel there will not be rust coming out of rivet
- thanks to the larger rivet head the clinching force will be spreaded more efficiently, so the riveted material will have less deformation
- it is excellent for the soft materials

1444 AL-A2 Hole filling rivet with CSK (countersunk) head (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Aluminum (AlMg2,5)
Mandrel: Stainless steel





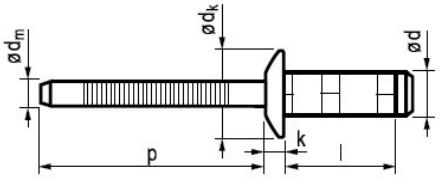
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,05/-0,13] *Ø 3,3 [3,5 max]	9,7	2,0-6,5	1444-3209	6,0 [+0/-0,5]	-	~1,78	≥27	980	680	3,2*9 Countersunk head Al/A2 multigrip rivet
4,0 [+0,05/-0,13] *Ø 4,1 [4,3 max]	9,5	1,5-6,0	1444-4009	7,5 [+0/-0,5]	-	~2,18	≥27	1 600	1 150	4,0*9 Countersunk head Al/Inox multigrip rivet
	11,3	3,0-8,0	1444-4011							4,0*11 CSK head Al/A2 multigrip rivet
4,8 [+0,05/-0,13] *Ø 4,9 [5,2 max]	12,1	2,0-7,0	1444-4812	9,0 [+0/-0,5]	-	~2,78	≥27	2 350	1 500	4,8*12 CSK head Al/Inox multigrip rivet
	16,9	7,0-12,0	1444-4816							4,8*16 Countersunk head Al/A2 multigrip rivet

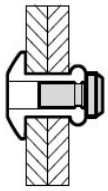
Technical specifications:

- due to the countersunk head it remains in the level of the sheet
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after setting, the mandrel is retained in the rivet which makes it vibration resistant (stem/mandrel will be fixed in the rivet body) compared to standard rivets
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic
- due to stainless stem/mandrel there will not be rust coming out of rivet

1461 ST-ST Hole filling rivet with dome head (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment



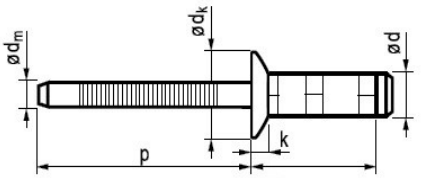


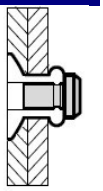
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,15] *Ø 3,3	9,0	1,5-4,0	1461-3209	7,2 [+/-0,25]	1,0 [+/-0,15]	~2,1	≥27	1 700	1 500	3,2*9 Dome head Steel/Steel multigrip rivet
3,2 [+0,08/-0,15] *Ø 3,3	10,0	1,0-4,0	1461-3210	6,5 [+/-0,5]	1,0 [+/-0,25]	~2,1	≥27	1 700	1 500	3,2*10 Dome head St/St multigrip rivet
4,0 [+0,08/-0,15] *Ø 4,1	10,8	1,5-4,5	1461-4010	8,1 [+/-0,25]	1,2 [+/-0,15]	~2,63	≥27	2 350	1 955	4,0*10 Dome head St/St multigrip rivet
	12,5	3,0-6,0	1461-4012							4,0*12 Dome head Steel/Steel multigrip rivet
4,8 [+0,08/-0,15] *Ø 4,9	10,2	1,5-4,5	1461-4810	9,8 [+/-0,25]	1,75 [+/-0,25]	~3,4	≥27	3 600	3 335	4,8*10 Dome head St/St multigrip rivet
	12,7	3,5-7,5	1461-4812							4,8*12 Dome head Steel/Steel multigrip rivet
	17,5	8,0-12,0	1461-4817							4,8*17 Dome head St/St multigrip rivet

Technical specifications:
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic

1464 ST-ST Hole filling rivet with CSK head (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment



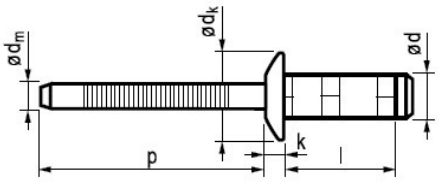


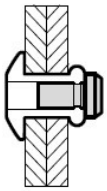
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
4,8 [+0,08/-0,15] *Ø 4,9	11	2,5-6,0	1464-4811	8,65 [+/-0,25]	1,3 [+/-0,25]	~2,9	≥27	3 900	4 500	4,8*11 Countersunk head St/St multigrip rivet
	14	3,0-9,0	1464-4814							4,8*14 Countersunk head Steel/Steel PLIA rivet
	17	4,0-12,0	1464-4817							4,8*17 Countersunk head Steel/Steel PLIA rivet
	22	8,5-16,5	1464-4822							4,8*22 Countersunk head St/St multigrip rivet

Technical specifications:
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic

1451 A2-A2 Hole filling rivet with dome head (Plia, multigrip, vibration resistant, higher strength)

Rivet body: Stainless steel
Mandrel: Stainless steel





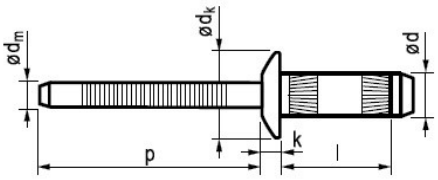
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,15] *Ø 3,3	8,0	1,5-4,0	1451-3208	7,2 [+/-0,25]	1,0 [+/-0,15]	~2,1	≥27	1 780	1 570	3,2*8 Dome head Inox/Inox multigrip rivet
4,0 [+0,08/-0,15] *Ø 4,1	10,0	1,5-5,0	1451-4010	8,1 [+/-0,25]	1,2 [+/-0,15]	~2,6	≥27	3 350	4 200	4,0*10 Dome head A2/A2 multigrip rivet
	12,0	3,5-7,0	1451-4012							4,0*12 Dome head Inox/Inox multigrip rivet
	15,0	6,0-9,5	1451-4015							4,0*15 Dome head A2/A2 multigrip rivet
4,8 [+0,08/-0,15] *Ø 4,9	10,0	1,5-5,0	1451-4810	9,8 [+/-0,25]	1,75 [+/-0,25]	~3,2	≥27	4 300	5 000	4,8*10 Dome head Inox/Inox multigrip rivet
	12,0	3,0-7,0	1451-4812							4,8*12 Dome head A2/A2 multigrip rivet
	15,0	6,5-10,0	1451-4815							4,8*15 Dome head Inox/Inox multigrip rivet
	17,5	9,0-12,5	1451-4817							4,8*17 Dome head A2/A2 multigrip rivet

Technical specifications:

- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic
- Stainless

1621 ST-ST MASTERBULB hole filling with dome head (vibration resistant, higher strength)

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment

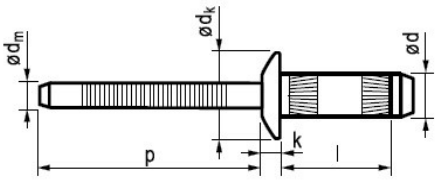


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,09/-0,15] *Ø 3,3 [3,4 max]	7,0	1,0-3,0	1621-3207	6,0 [+/-0,24]	≤1,4	~2,1	≥27	1 300	1 200	3,2*7 D head Steel/Steel multigrip rivet
	9,0	3,0-5,0	1621-3209					1 300	1 700	3,2*9 D head St/St multigrip rivet
	11,0	5,0-7,0	1621-3211					1 300	2 500	3,2*11 Dome head Steel/Steel multigrip ri
4,0 [+0,09/-0,15] *Ø 4,1 [4,3 max]	8,0	1,0-3,0	1621-4008	7,8 [+/-0,29]	≤1,7	~2,6	≥27	2 800	2 400	4,0*8 Dome head St/St multigrip rivet
	10,0	3,0-5,0	1621-4010					2 800	3 500	4,0*10 D head Steel/Steel multigrip rivet
	12,0	5,0-7,0	1621-4012					2 800	4 100	4,0*12 D head St/St multigrip rivet
4,8 [+0,09/-0,15] *Ø 4,9 [5,1 max]	9,0	1,5-3,5	1621-4809	9,3 [+/-0,29]	≤2,0	~3,1	≥27	3 800	3 600	4,8*9 Dome head Steel/Steel multigrip ri
	12,0	3,5-6,0	1621-4812					3 800	4 200	4,8*12 Dome head St/St multigrip rivet
	14,0	6,0-8,5	1621-4814					3800	5600	4,8*14 D head Steel/Steel multigrip rivet

Technical specifications:
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic
- alternative of Avdel Avibulb (see BN01)

1611 A2-A2 MASTERBULB hole filling with dome head (vibration resistant, higher strength)

Rivet body: Stainless steel
Mandrel: Stainless steel

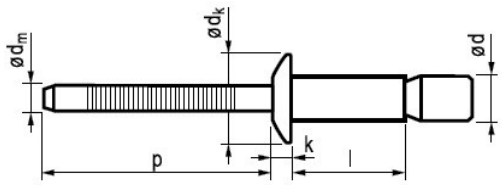


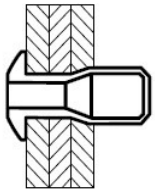
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,09/-0,15] *Ø 3,3 [3,4 max]	7,0	1,0-3,0	1611-3207	6,0 [+/-0,24]	≤1,4	~2,1	≥27	2000	1600	3,2*7 D head Inox/Inox multig. rivet
	9,0	3,0-5,0	1611-3209					2000	1600	3,2*9 D head A2/A2 multigrip rivet
	11,0	5,0-7,0	1611-3211					2000	1600	3,2*11 D head Stainless/Stainless multigr
4,0 [+0,09/-0,15] *Ø 4,1 [4,3 max]	8,0	1,0-3,0	1611-4008	7,8 [+/-0,29]	≤1,7	~2,6	≥27	4000	3700	4,0*8 Dome head Inox/Inox multig. rivet
	10,0	3,0-5,0	1611-4010					4000	5200	4,0*10 Dome head A2/A2 multigrip rivet
	12,0	5,0-7,0	1611-4012					4000	5200	4,0*12 Dome head Stainless/Stainless mu
4,8 [+0,09/-0,15] *Ø 4,9 [5,1 max]	9,0	1,5-3,5	1611-4809	9,3 [+/-0,29]	≤2,0	~3,1	≥27	5000	5500	4,8*9 D head Inox/Inox multig. rivet
	12,0	3,5-6,0	1611-4812					5000	5500	4,8*12 D head A2/A2 multigrip rivet
	14,0	6,0-8,5	1611-4814					5000	5500	4,8*14 D head Stainless/Stainless multigr

Technical specifications:
- stainless
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- further advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- it is suitable for riveting of soft material (it will not be cracked)
- deformation of the backside of the rivet is aesthetic
- alternative of Avdel Avibulb (see BN01)

1791 ST-ST P-LOCK high strength structural rivet with dome head (vibration resistant)

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment



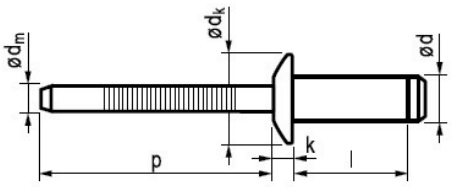


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
6,4 [+/-0,11] *Ø 6,6 [6,9 max]	14,0	2,0-9,5	1791-6414	13 [+/-0,35]	≤3,1	~4,0	≥27	10000	11700	6,4*14 Dome head Steel/Steel high streng
	20,0	2,0-15,9	1791-6420							6,4*20 Flat head St/St high strength rivet

Technical specifications:
- high shear and tensile strength
- during the riveting the stem/mandrel of the rivet is fixed
- waterproof rivet
- after setting, the mandrel is retained in the rivet which makes it vibration resistant (stem/mandrel will be fixed in the rivet body)
- next advantage is the hole filling, so it is suitable for less precise/ large borehole
- next advantage is the large grip range
- alternative of Avdel Monobolt (see 2771)

1471 ST-ST MASTERLOCK high strength structural rivet with dome head (vibration resistant)

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment

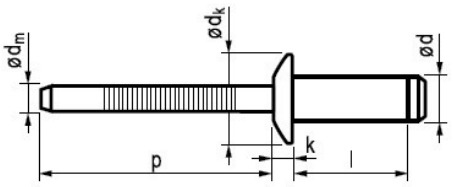


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
4,8 [+0,11/-0,05] *Ø 4,9 [5,1 max]	9,0	1,5-3,5	1471-4809	9,8 [+/-0,3]	2,2 [+/-0,2]	~3,02	≥32	3600	min 3920 max 6270	4,8*9 D head Steel/Steel high strength
	11,5	3,5-6,0	1471-4811							4,8*11 Dome head St/St high strength rive
	14,0	6,0-8,5	1471-4814							4,8*14 D head Steel/Steel high strength
	16,5	8,5-11,0	1471-4816							4,8*16 Dome head St/St high strength riv
6,4 [+0,11/-0,05] *Ø 6,6 [6,8 max]	10,5	2,8-4,8	1471-6410	13,0 [+/-0,3]	3,0 [+/-0,2]	~4,17	≥32	6600	min 5390 max 11180	6,4*10 D head Steel/Steel high strength
	12,5	4,8-6,8	1471-6412							6,4*12 Dome head St/St high strength riv
	14,5	6,8-8,8	1471-6414							6,4*14 D head Steel/Steel high strength
	16,5	8,8-10,8	1471-6416							6,4*16 Dome head St/St high strength riv
	18,5	10,8-12,8	1471-6418							6,4*18 D head Steel/Steel high strength
	20,5	12,8-14,8	1471-6420							6,4*20 Dome head St/St high strength riv

Technical specifications:
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- deformation of the backside of the rivet is aesthetic
- alternative of Avdel HEMLOK (see 2221)

1561 ST-ST MASTERLOCK II high strength structural rivet with dome head (vibration resistant)

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment

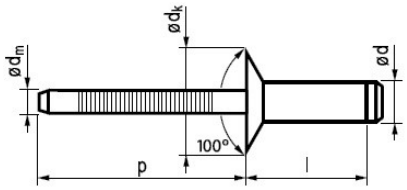


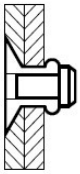
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
6,4 [+0,2/-0,1] *Ø 6,65 [6,9 max]	12,5	2,8-4,8	1561-6412	13,6 max	3,3 max	~4,0	≥25	7120	11560	6,4*12 D head Steel/Steel high strength
	14,5	4,8-6,8	1561-6414							6,4*14 Dome head St/St high strength riv
	16,5	6,8-8,8	1561-6416							6,4*16 D head Steel/Steel high strength
	18,5	8,8-10,8	1561-6418							6,4*18 Dome head St/St high strength riv
	20,5	10,8-12,8	1561-6420							6,4*20 D head Steel/Steel high strength
	22,5	12,8-14,8	1561-6422							6,4*22 Dome head St/St high strength riv

Technical specifications:
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after setting, the mandrel is retained in the rivet which makes it vibration resistant
- deformation of the backside of the rivet is aesthetic
- alternative of Avdel HEMLOK (see 2221)

1474 ST-ST MASTERLOCK high strength structural rivet with CSK head (vibration resistant)

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment



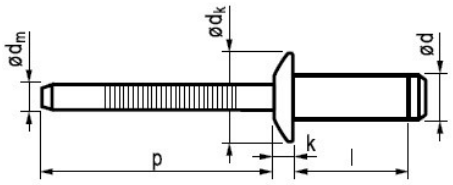


Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
6,4 [+0,11/-0,05] *Ø 6,6 [6,8 max]	11,5	3,8-5,8	1474-6411	10,0 [+/-0,3]	2,0 [+/-0,2]	~4,17	≥32	5490	min 5390 max 10300	6,4*11 D head Steel/Steel high strength
	12,5	4,8-6,8	1474-6412							6,4*12 Dome head St/St high strength riv
	13,5	5,8-7,8	1474-6413							6,4*13 D head Steel/Steel high strength
	15,5	7,8-9,8	1474-6415							6,4*15 Dome head St/St high strength riv
	17,5	9,8-11,8	1474-6417							6,4*17 D head Steel/Steel high strength
	19,5	11,8-13,8	1474-6419							6,4*19 Dome head St/St high strength riv

Technical specifications:
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- deformation of the backside of the rivet is aesthetic

1511 AL-AL MASTERLOCK high strength structural rivet with dome head (vibration resistant)

Rivet body: Aluminum [AlMg2,5]
Mandrel: Aluminum [AlMg6,0]

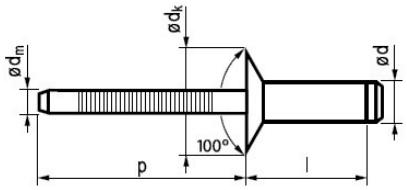


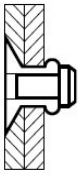
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
6,4 [+0,11/-0,05] *Ø 6,6 [6,8 max]	10,5	2,8-4,8	1511-6410	13,0 [+/-0,3]	3,0 [+/-0,2]	~4,17	≥32	3500	5000	6,4*10 D head Alu/Alu high strength
	12,5	4,8-6,8	1511-6412							6,4*12 Dome head Al/Al high strength rive
	14,5	6,8-8,8	1511-6414							6,4*14 D head Alu/Alu high strength
	16,5	8,8-10,8	1511-6416							6,4*16 Dome head Al/Al high strength rive
	18,5	10,8-12,8	1511-6418							6,4*18 D head Alu/Alu high strength
	20,5	12,8-14,8	1511-6420							6,4*20 Dome head Al/Al high strength riv

Technical specifications:
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- deformation of the backside of the rivet is aesthetic
- stainless
- alternative of Avdel HEMLOK (see 2241)

1514 AL-AL MASTERLOCK high strength structural rivet with CSK head (vibration resistant)

Rivet body: Aluminum [AlMg2,5]
Mandrel: Aluminum [AlMg6,0]



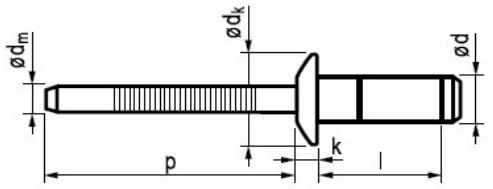


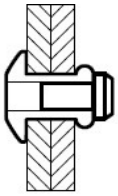
Ød * Drill hole mm	l: length (mm) +1/-0,2	Grip range mm	Part no.	Ødk mm	k mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
6,4 [+0,11/-0,05] *Ø 6,6 [6,8 max]	11,5	3,8-5,8	1514-6411	10,0 [+/-0,3]	2,0 [+/-0,2]	~4,17	≥32	3000	4000	6,4*11 D head Alu/Alu high strength
	13,5	5,8-7,8	1514-6413							6,4*13 Dome head Al/Al high strength rive
	15,5	7,8-9,8	1514-6415							6,4*15 D head Alu/Alu high strength
	17,5	9,8-11,8	1514-6417							6,4*17 Dome head Al/Al high strength rive
	18,5	11,8-13,8	1514-6418							6,4*18 D head Alu/Alu high strength
	21,5	13,8-15,8	1514-6421							6,4*21 Dome head Al/Al high strength rive

Technical specifications:
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after setting, the mandrel is retained in the rivet which makes it vibration resistant (stem/mandrel will be fixed in the rivet body)
- deformation of the backside of the rivet is aesthetic
- better corrosion resistance

BN01 ST-ST vibration resistant backside washer like spread rivet with dome head

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment



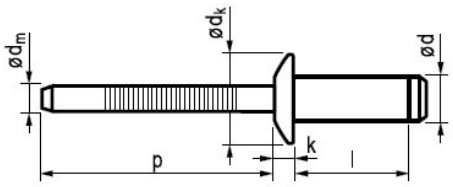


Ød * Drill hole mm	l: length (mm) ~	Grip range mm	Part no.	Ødk max Mm	k Max mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
3,2 [+0,08/-0,15] *Ø 3,3 [3,4 max]	6,7	1,0–3,0	BN01-0408	6,8	1,4	2,0	≥27	1300	1200	3,2*6,7 D head Steel/Steel vibration resis
	9,3	3,0–5,0	BN01-0411						1700	3,2*9,3 Dome head St/St vibration resista
	11,6	5,0-7,0	BN01-0414						2500	3,2*11,6 D head ST/ST vibration resistant
4,0 [+0,08/-0,15] *Ø 4,1 [4,3 max]	8,0	1,0–3,0	BN01-0509	8,0	1,4	2,6	≥27	2800	2400	4,0*8 D head Steel/Steel vibration resista
	10,5	3,0–5,0	BN01-0512						3500	4,0*10,5 Dome head St/St vibration resist
	13,0	5,0-7,0	BN01-0516						4100	4,0*13 D head ST/ST vibration resistant
	15,7	7,0-9,0	BN01-0519					2500	3300	4,0*15,7 D head Steel/Steel vibration resi
4,8 [+0,08/-0,15] *Ø 4,9 [5,1 max]	9,1	1,5–3,5	BN01-0611	9,6	1,5	3,2	≥27	3800	3600	4,8*9,1 D head Steel/Steel vibration resis
	12,3	3,5-6,0	BN01-0614						4200	4,8*12,3 Dome head St/St vibration resist
	15,0	6,0-8,5	BN01-0618						5600	4,8*15 D head ST/ST vibration resistant
6,,0 [+0,08/-0,15] *Ø 6,1 [6,3 max]	11,0	1,5-4,0	BN01-6010	12,3	2,1	4,0	≥27	5400	4200	6,0*11 D head Steel/Steel vibration resist
	14,0	3,0-6,0	BN01-6013						5400	6,0*14 Dome head St/St vibration resista
	17,0	6,0-9,0	BN01-6016						8500	6,0*17 D head ST/ST vibration resistant
	20,0	9,0-12,0	BN01-6019						8500	6,0*20 D head Steel/Steel vibration resis

Technical specifications:
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- deformation of the backside of the rivet is aesthetic
- provides a large back side bearing area

2221 ST-ST HEMLOCK high strength structural rivet with dome head (vibration resistant)

Rivet body: Steel, RoHS surface treatment
Mandrel: Steel, RoHS surface treatment

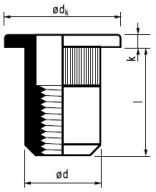


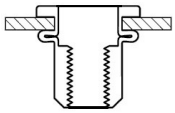
Ød * Drill hole mm	l: length (mm) ~	Grip range mm	Part no.	Ødk max Mm	k Max mm	Ødm mm	p mm	Tensile Newton	Shear Newton	Description
6,4 [+0,11/-0,05] *Ø 6,6 [6,8 max]	9,2	1,5-3,5	2221-0812	13,4	2,7	~4,2	≥32	8800	10500	6,4*9,2 D head Steel/Steel high strength
	10,5	2,8-4,8	2221-0813						12000	6,4*10,5 Dome head St/St high strength ri
	11,1	3,35-5,35	2221-0814						12500	6,4*11,1 D head Steel/Steel high strength
	12,5	4,8-6,8	2221-0815						12500	6,4*12,5 Dome head St/St high strength ri
	14,5	6,8-8,8	2221-0817						14000	6,4*14,5 D head Steel/Steel high strength
	15,2	7,5-9,5	2221-0818						15000	6,4*15,2 Dome head St/St high strength ri
	16,5	8,8-10,8	2221-0819						16000	6,4*16,5 D head Steel/Steel high strength
	18,5	10,8-12,8	2221-0821						16000	6,4*18,5 Dome head St/St high strength ri

Technical specifications:
- it has stronger shear/tensile strength as the regular rivets
- vibration resistant
- at the backside of the rivet has more deformation like the regular rivet, so the clinching force will be spreaded more efficiently
- after riveting the stem/mandrel of rivet fixed in the rivet body, thus it will become vibration resistant (stem/mandrel will be fixed in the rivet body)
- deformation of the backside of the rivet is aesthetic
- provides a large back side bearing area

23MxxC0xx Flat head open steel knurled rivet nut (pop nut)

Material: Steel, RoHS surface treatment





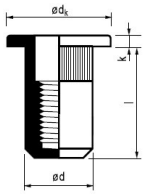
Ød * Drill hole mm	l: length (mm) +0,6/-0,1	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M3 *Ø 5,0	10,0	0,5-3,0	23M03C030	7,0 [+0/-0,5]	≤0,9	4,9	3,0	4 900	990	Flat head M03 rivet nut
M4 *Ø 6,0	10,0	0,3-3,0	23M04C030	9,0 [+0/-0,5]	≤1,1	5,9	4,5	7 840	1 660	Flat head M04 open rivet nut
	11,5	3,1-4,0	23M04C040							Flat head M04 pop nut
M5 *Ø 7,0	12,0	0,3-3,0	23M05C030	10,0 [+0/-0,5]	≤1,1	6,9	6,0	11 070	2 760	Flat head M05 open rivet nut
	15,0	3,1-4,0	23M05C040							Flat head M05 knurled rivet nut
M6 *Ø 9,0	14,5	0,5-3,0	23M06C030	12,0 [+0/-0,5]	≤1,6	8,9	20,0	17 640	3 430	Flat head M06 rivet nut
	16,0	3,1-4,5	23M06C045							Flat head M06 pop nut
M8 *Ø 11,0	16,0	0,5-3,0	23M08C030	15,0 [+0/-0,5]	≤1,6	10,9	29,0	27 440	4 410	Flat head M08 open rivet nut
	18,5	3,1-5,5	23M08C055							Flat head M08 knurled rivet nut
M10 *Ø 12,0	17,0	0,5-3,0	23M10C030	16,0 [+0/-0,5]	≤2,1	11,9	32,0	28 420	4 900	Flat head M10 rivet nut
	22,0	3,0-6,0	23M10C060							Flat head M10 pop nut
M10 *Ø 13,0	17,0	0,5-3,0	23M10C030_d13	19,0 [+0/-0,5]	≤2,1	12,9	34,0	31 000	5 300	Flat head M10 open rivet nut
	22,0	3,0-6,0	23M10C060_d13							Flat head M10 knurled rivet nut
M12 *Ø 16,0	23,0	1,0-4,0	23M12C040	22,0 [+0/-0,5]	≤2,1	15,9	43,7	48 020	6 860	Flat head M12 rivet nut

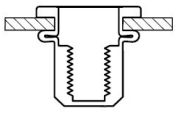
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet

23MxxCGxx Flat head closed steel knurled rivet nut (pop nut)

Material: Steel, RoHS surface treatment



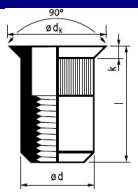


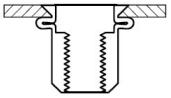
Ød * Drill hole mm	l: length (mm) +0,1/-0,6	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	15,5	0,3-3,0	23M04CG30	9,0 [+0/-0,5]	≤1,1	5,9	4,5	7 840	1 660	Flat head closed M04 rivet nut
M5 *Ø 7,0	18,0	0,3-3,0	23M05CG30	10,0 [+0/-0,5]	≤1,1	6,9	6,0	11 070	2 760	Flat head closed end M05 pop nut
M6 *Ø 9,0	20,5	0,5-3,0	23M06CG30	12,0 [+0/-0,5]	≤1,6	8,9	20,0	17 640	3 430	Flat head closed M06 pop nut
M8 *Ø 11,0	25,0	0,5-3,0	23M08CG30	15,0 [+0/-0,5]	≤1,6	10,9	29,0	27 440	4 410	Flat head closed end M08 rivet nut

Technical specifications:
- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- closed rivet nut

23MxxV0xx Countersunk head open steel knurled rivet nut (pop nut)

Material: Steel, RoHS surface treatment





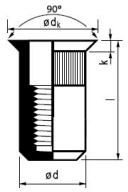
Ød * Drill hole mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	11,5	2,0-3,5	23M04V035	9,0 [+0,3/-0,7]	≤1,7	5,9	4	7 840	2 210	Countersunk head open M04 rivet nut
M5 *Ø 7,0	13,5	2,0-4,0	23M05V040	10,0 [+0,3/-0,7]	≤1,7	6,9	5	11 780	2 320	Countersunk head open M05 pop nut
M6 *Ø 9,0	16,0	2,0-4,5	23M06V045	12,0 [+0,3/-0,7]	≤1,7	8,9	16	16 660	3 660	Countersunk head open M06 rivet nut
M8 *Ø 11,0	19,0	2,0-4,5	23M08V045	15,0 [+0,3/-0,7]	≤1,7	10,9	18	30 840	4 720	Countersunk head open M08 pop nut
M10 *Ø 12,0	21,0	2,0-4,5	23M10V045	14,7 [+0,3/-0,7]	≤1,7	11,9	28	34 300	5 050	Countersunk head open M10 rivet nut
M10 *Ø 13,0	21,0	2,0-4,5	23M10V045_d13	15,7 [+0,3/-0,7]	≤1,7	12,9	30	37 000	5 450	Countersunk head open M10 pop nut
M12 *Ø 16,0	24,5	2,0-4,5	23M12V045	19 [+0,3/-0,7]	≤1,9	15,9	28	34 300	5 050	Countersunk head open M12 rivet nut

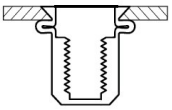
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet

23MxxVGxx Countersunk head closed steel knurled rivet nut (pop nut)

Material: Steel, RoHS surface treatment



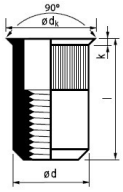


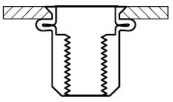
Ød * Drill hole mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	17,5	2,0-3,5	23M04VG35	9,0 [+0,3/-0,7]	≤1,7	5,9	4	7 840	2 210	Countersunk head closed M04 rivet nut
M5 *Ø 7,0	20,5	2,0-4,0	23M05VG40	10,0 [+0,3/-0,7]	≤1,7	6,9	5	11 780	2 320	Countersunk head closed end M05 rivet n
M6 *Ø 9,0	23,5	2,0-4,5	23M06VG45	12,0 [+0,3/-0,7]	≤1,7	8,9	16	16 660	3 660	Countersunk head closed M06 pop nut
M8 *Ø 11,0	28,0	2,0-4,5	23M08VG45	14,0 [+0,3/-0,7]	≤1,7	10,9	18	30 840	4 720	Countersunk head closed end M08 pop n

Technical specifications:
- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- closed rivet nut

27MxxV0xx Small countersunk head open steel knurled rivet nut (micro head rivet nut, pop nut)

Material: Steel, RoHS surface treatment





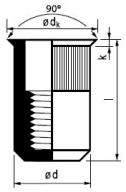
Ød * Drill hole mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	10,0	0,5-3,0	27M04V030	7,0 [+0/-0,5]	≤0,7	5,9	4,0	6470	1620	Small Countersunk open M04 rivet nut
M5 *Ø 7,0	11,5	0,5-3,0	27M05V030	8,0 [+0/-0,5]	≤0,7	6,9	5,0	9090	2190	Micro head open M05 rivet nut
M6 *Ø 9,0	14,0	0,5-3,0	27M06V030	10,0 [+0/-0,5]	≤0,7	8,9	15,0	16660	2350	Small countersunk head open M06 pop n
M6 *Ø 9,0	16,0	3,0-4,5	27M06V045	10,0 [+0/-0,5]	≤0,8	8,9	15,0	16660	2350	Micro head open M06 pop nut
M6 *Ø 9,0	17,25	3,0-5,0	27M06V050	10,25 [+0/-0,5]	≤0,8	8,9	15,0	16660	2350	Small Countersunk open M06 rivet nut
M8 *Ø 11,0	15,5	0,5-3,0	27M08V030	12,0 [+0/-0,3]	≤0,7	10,9	18,0	21610	2840	Micro head open M08 rivet nut
M10 *Ø 12,0	20,0	0,8-3,5	27M10V035	13,5 [+0/-0,5]	≤0,9	11,9	30,0	31750	4260	Small Countersunk open M10 pop nut
M10 *Ø 13,0	20,0	0,8-3,5	27M10V035_d13	14,5 [+0/-0,5]	≤0,9	12,9	32,0	33000	4600	Micro head open M10 pop nut

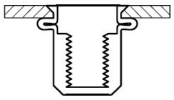
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)

27MxxVGxx Small countersunk head closed steel knurled rivet nut (micro head rivet nut, pop nut)

Material: Steel, RoHS surface treatment



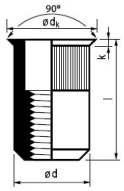


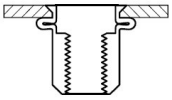
Ød * Drill hole mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	15,0	0,5-2,0	27M04VG20	7,0 [+0/-0,5]	≤0,7	5,9	4,0	6470	1620	Small Countersunk closed M04 rivet nut
M5 *Ø 7,0	16,5	0,5-2,0	27M05VG20	8,0 [+0/-0,5]	≤0,7	6,9	5,0	9090	2190	Micro head closed M05 rivet nut
M6 *Ø 9,0	20,5	0,5-3,0	27M06VG30	10,0 [+0/-0,5]	≤0,7	8,9	15,0	16660	2350	Small countersunk head closed M06 rive
M8 *Ø 11,0	23,0	0,5-3,0	27M08VG30	12,0 [+0/-0,3]	≤0,7	10,9	18,0	21610	2840	Micro head closed end M08 pop nut
M10 *Ø 13,0	24,5	1,0-3,0	27M10VG30	14,0 [+0/-0,5]	≤0,9	12,9	32,0	33000	4600	Micro head closed end M10 rivet nut

Technical specifications:
- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- closed end waterproof rivet nut (sealing must be applied for complete waterproof)

2C7MxxV0xx Small countersunk head open steel knurled rivet nut (micro head rivet nut, pop nut)

Material: Steel, RoHS surface treatment





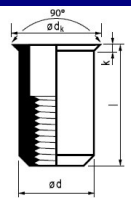
Ød * Drill hole mm	l: length (mm) +0,5/-0,5	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 7,0	10,5	0,5-3,0	2C7M04V030	8,0	≤0,5	7,0	-	-	-	Small Countersunk open M04 rivet nut
M5 *Ø 7,0	11,5	0,5-3,0	2C7M05V030	8,0	≤0,5	7,0	-	-	-	Micro head open M05 rivet nut
M6 *Ø 8,0	13,0	0,5-3,0	2C7M06V030	9,0	≤0,5	8,0	-	-	-	Small countersunk head open M06 rivet
M8 *Ø 10,0	15,5	0,5-3,0	2C7M08V030	11,0	≤0,5	9,9	-	-	-	Micro head open M08 pop nut

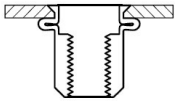
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)

26MxxKV0xx Small countersunk head open steel rivet nut (micro head rivet nut, pop nut)

Material: Steel, RoHS surface treatment





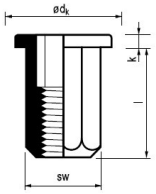
Ød * Drill hole mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M3 *Ø 4,8	9,0	0,5-1,5	26M03KV015	5,4 [+0/-0,3]	≤0,6	4,7	1,5	2 690	980	Small Countersunk open M03 rivet nut
M4 *Ø 6,4	10,4	0,5-2,0	26M04KV020	6,9 [+0/-0,3]	≤0,6	6,3	5,0	6 800	1 080	Micro head open M04 rivet nut
M5 *Ø 7,2	11,8	0,5-3,0	26M05KV030	7,7 [+0/-0,3]	≤0,6	7,1	8,0	8 000	1 470	Small countersunk head open M05 rivet
M6 *Ø 9,6	14,6	0,7-3,3	26M06KV033	10,5 [+0/-0,3]	≤0,8	9,5	12,5	11 400	1 960	Micro head open M06 pop nut
M8 *Ø 10,6	16,0	0,9-3,7	26M08KV037	11,5 [+0/-0,3]	≤0,8	10,6	16,5	15 700	2 940	Small Countersunk open M08 rivet nut
M10 *Ø 14,2	18,5	1,0-3,6	26M10KV036	15,3 [+0/-0,3]	≤0,8	14,2	34,0	18 700	3 920	Micro head open M10 rivet nut

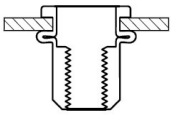
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)

23HxxC0xx Flat head hexagonal body open steel rivet nut (pop nut)

Material: Steel, RoHS surface treatment



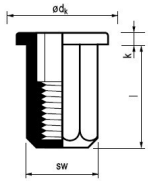


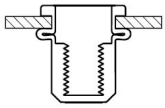
Ød *Side width mm	l: length (mm) +/-0,4	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *SW1 6,1	11,5	0,5-3,0	23H04C030	9,3 [+/-0,3]	≤1,1	6,0	8,0	6 270	2 330	Flat head hexagonal body M04 rivet nut
M5 *SW1 7,1	13,5	0,5-3,0	23H05C030	10,3 [+/-0,3]	≤1,1	7,0	12,0	10 780	3 610	Flat head hexagonal body open M05 rivet n
M6 *SW1 9,1	15,5	0,5-3,0	23H06C030	12,3 [+/-0,2]	≤1,7	9,0	20,5	17 640	4 220	Flat head hexert open M06 pop nut
M8 *SW1 11,1	17,5	0,5-3,0	23H08C030	14,3 [+/-0,2]	≤1,7	11,0	26,5	27 440	4 900	Flat hexagonal body open M08 rivet nut
M10 *SW1 13,1	22,0	1,0-4,0	23H10C040	16,3 [+/-0,2]	≤2,2	13,0	40,0	29 400	5 880	Flat head hexagonal body M10 rivet nut

Technical specifications:
- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- available in half hexagonal body too

23HxxCGxx Flat head hexagonal body closed steel rivet nut (pop nut)

Material: Steel, RoHS surface treatment





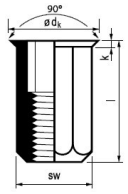
Ød *Side width mm	l: length (mm) +/-0,4	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *SW1 6,1	14,0 / 15,0	0,5-2,0	23H04CG20	9,0 [+/-0,3]	≤1,1	6,0	8,0	6 270	2 330	Flat head hexagonal body M04 closed nut
M5 *SW1 7,1	17,0 / 19,0	0,5-3,0	23H05CG30	10,0 [+/-0,3]	≤1,1	7,0	12,0	10 780	3 610	Flat head hexagonal body closed M05 rive
M5 *SW1 7,1	21,5	3,0-5,5	23H05CG55	10,0 [+/-0,3]	≤1,1	7,0	12,0	10 780	3 610	Flat head hexert closed M05 pop nut
M6 *SW1 9,1	20,5 / 21,5	0,5-3,0	23H06CG30	13,0 [+/-0,2]	≤1,7	9,0	20,5	17 640	4 220	Flat head hexert closed M06 pop nut
M6 *SW1 9,1	23,5	3,0-5,5	23H06CG55	13,0 [+/-0,2]	≤1,7	9,0	20,5	17 640	4 220	Flat head hexert closed M06 pop nut
M8 *SW1 11,1	24,5	0,5-3,0	23H08CG30	16,0 [+/-0,2]	≤1,7	11,0	26,5	27 440	4 900	Flat hexagonal body closed M08 rivet nut
M8 *SW1 11,1	27	3,0-5,5	23H08CG55	16,0 [+/-0,2]	≤1,7	11,0	26,5	27 440	4 900	Flat hexagonal body closed M08 rivet nut
M10 *SW1 13,1	31,0	1,0-4,0	23H10CG40	19,0 [+/-0,2]	≤2,2	13,0	40,0	29 400	5 880	Flat head hexagonal body M10closed nut
M10 *SW1 13,1	33,5	3,5-6,0	23H10CG60	19,0 [+/-0,2]	≤2,2	13,0	40,0	29 400	5 880	Flat head hexagonal body M10 closed nut

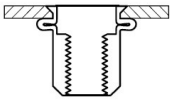
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- closed end waterproof rivet nut (sealing must be applied for complete waterproof)
- Available in half hexagonal body too!

23HxxKV0xx Small countersunk head hexagonal body open steel rivet nut (pop nut)

Material: Steel, RoHS surface treatment





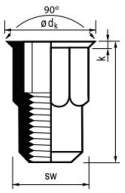
Ød *Side width mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M3 *SW1 5,1	11	0,25-2,5	23H03KV025	6,5 [+0/-0,6]	≤1,0	5	3,0	2 900	900	Reduced head hexagonal open M03 rivet n
M4 *SW1 6,1	12,0	0,5-2,5	23H04KV025	7,0 [+0/-0,6]	≤1,0	6,0	5,0	3 530	1 470	Reduced head hexagonal body M04 rivet n
M5 *SW1 7,1	14,0	0,5-2,5	23H05KV025	8,0 [+/-0,6]	≤1,0	7,0	7,0	4 900	1 760	Reduced head hexert body open M05 rivet
M6 *SW1 9,1	16,0	0,5-2,5	23H06KV025	10,0 [+/-0,6]	≤1,0	9,0	14,0	14 700	2 940	Reduced head hexert open M06 pop nut
M8 *SW1 11,1	18,0	0,5-3,0	23H08KV030	12,0 [+/-0,6]	≤1,0	11,0	21,0	21 560	3 020	Small head hexagonal open M08 rivet nut
M10 *SW1 13,1	22,0	0,5-4,0	23H10KV040	14,0 [+0/-0,6]	≤1,0	13,0	35,0	29 400	3 430	Small head hexagonal body M10 rivet nut
M12 *SW1 16,1	24,0	1,0-4,0	23H12KV040	17,2 [+/-0,6]	≤1,0	12,0	21,0	4 800	6 800	Small head hexagonal body open M12

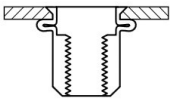
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torque
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- Available in half hexagonal body too!

23HxxKV0xxH Small countersunk head half hexagonal body open steel rivet nut (pop nut)

Material: Steel, RoHS surface treatment





Ød *Side width mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M3 *SW1 5,1	10,5	0,25-2,5	23H03KV025H	6,5 [+0/-0,6]	≤1,0	5	3,0	2 900	900	Reduced head half hexagonal M03 rivet
M4 *SW1 6,1	12,5	0,5-3,0	23H04KV030H	7,0 [+0/-0,6]	≤1,0	6,0	5,0	3 530	1 470	Reduced head hexagonal body M04 rive
M4 *SW1 6,1	12,5	2,5-4,0	23H04KV040H	7,0 [+0/-0,6]	≤1,0	6,0	5,0	3 530	1 470	Reduced head hexagonal body open M0
M4 *SW1 6,1	13,5	3,5-5,0	23H04KV050H	7,0 [+0/-0,6]	≤1,0	6,0	5,0	3 530	1 470	Reduced head half hexert open M04 pop
M5 *SW1 7,1	11,6	0,5-3,0	23H05KV030H	8,0 [+/-0,6]	≤1,0	7,0	7,0	4 900	1 760	Small head half hexagonal M05 rivet nu
M5 *SW1 7,1	13,0	2,5-4,5	23H05KV045H	8,0 [+/-0,6]	≤1,0	7,0	7,0	4 900	1 760	Small head hexagonal body M05 rivet nu
M6 *SW1 9,1	14,5	0,5-3,0	23H06KV030H	10,0 [+/-0,6]	≤1,0	9,0	14,0	14 700	2 940	Small head half hexagonal body open M
M6 *SW1 9,1	17,5	3,5-6,0	23H06KV060H	10,0 [+/-0,6]	≤1,0	9,0	14,0	14 700	2 940	Small head half hexagonal open M06 po
M8 *SW1 11,1	17,0	0,5-3,0	23H08KV030H	12,0 [+/-0,6]	≤1,0	11,0	21,0	21 560	3 020	Reduced head half hexagonal M08 rivet
M8 *SW1 11,1	18,0	1,5-4,5	23H08KV045H	12,0 [+/-0,6]	≤1,0	11,0	21,0	21 560	3 020	Reduced head hexagonal body M08 rive
M8 *SW1 11,1	19,5	3,0-6,0	23H08KV060H	12,0 [+/-0,6]	≤1,0	11,0	21,0	21 560	3 020	Reduced head half hexagonal body oper
M10 *SW1 13,1	20,5	1,0-4,0	23H10KV040H	14,0 [+0/-0,6]	≤1,0	13,0	35,0	29 400	3 430	Reduced head half hexagonal open M10
M10 *SW1 13,1	23,0	3,0-6,0	23H10KV060H	14,0 [+0/-0,6]	≤1,0	13,0	35,0	29 400	3 430	Small head half hexagonal M10 rivet nut
M12 *SW1 16,1	24,0	1,0-4,0	23H12KV040H	17,2 [+/-0,6]	≤1,0	12,0	21,0	4 800	6 800	Small head hexagonal body M12 rivet nu
M12 *SW1 16,1	27,5	3,5-7,5	23H12KV075H	17,2 [+/-0,6]	≤1,0	12,0	21,0	4 800	6 800	Small head half hexagonal body open M1

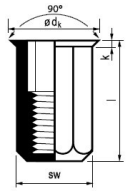
Technical specifications:

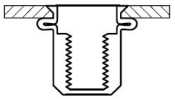
- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)

- Available in half hexagonal body too!

23HxxKVGxx Small countersunk head hexagonal body closed steel rivet nut (pop nut)

Material: Steel, RoHS surface treatment





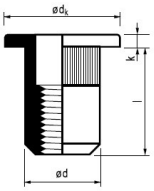
Ød *Side width mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *SW1 6,1	16,0	0,5-2,5	23H04KVG20	6,4-7,2	≤0,7	6,0	5,0	3 530	1 470	Small CSK closed hexagonal body M04 riv
M5 *SW1 7,1	20,0	0,5-3,0	23H05KVG30	7,8-8,2	≤0,7	7,0	7,0	4 900	1 760	Small head closed hexagonal body M05 ri
M6 *SW1 9,1	20,5 / 22	0,5-3,0	23H06KVG30	9,8-10,2	≤0,7	9,0	14,0	14 700	2 940	Reduced head hexert closed M06 pop nut
M8 *SW1 11,1	23/26	0,5-3,0	23H08KVG30	11,8-12,2	≤0,8	11,0	21,0	21 560	3 020	Small CSK head hexagonal closed M08 riv
M10 *SW1 13,1	28,5	1,5-4,5	23H10KVG45	14,2-14,8	≤1,0	13,0	35,0	29 400	3 430	Reduced head closed M10 rivet nut

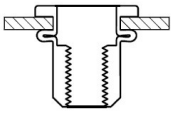
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- closed rivet nut

24MxxC0xx Flat head open stainless steel knurled rivet nut (pop nut)

Material: Stainless steel





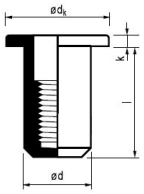
Ød * Drill hole mm	l: length (mm)	Grip range mm	Part no.	Ødk mm [+0/-0,5]	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	10,0 [+0/-1,3]	0,3-2,5	24M04C025	9	≤1,1	5,9	7,0	6 860	2 640	Flat head knurled Inox M04 rivet nut
	11,5 [+0/-1,3]	2,5-4,0	24M04C040				7,0	6 860	2 640	Flat head knurled A2 M04 pop nut
M5 *Ø 7,0	12,0 [+0/-1,3]	0,3-3,0	24M05C030	10	≤1,1	6,9	10,0	11 760	2 940	Flat head Inox M05 rivet nut
	13,5 [+0/-1,3]	3,1-4,0	24M05C040				12,0	11 760	3 920	Flat head A2 M05 rivet nut
M6 *Ø 9,0	14,5 [+0/-1,8]	0,5-3,0	24M06C030	12	≤1,6	8,9	20,0	18 620	4 900	Flat head Stainless M06 rivet nut
	16,0 [+0/-1,8]	3,1-4,5	24M06C045				22,0	20 580	5 630	Flat head knurled A2 M06 pop nut
M8 *Ø 11,0	16,0 [+0/-1,8]	0,5-3,0	24M08C030	15	≤1,6	10,9	28,0	24 500	6 860	Flat head knurled Inox M08 rivet nut
	18,5 [+0/-1,8]	3,1-5,5	24M08C055				29,0	26 460	6 860	Flat head knurled stainless M08 rivet nut
M10 *Ø 13,0	17,0 [+0/-2,3]	0,5-3,0	24M10C030	16	≤2,1	12,9	38,0	29 400	7 840	Flat head Inox M10 rivet nut
	20,0 [+0/-2,3]	3,1-5,5	24M10C055				39,0	35 280	7 840	Flat head A2 M10 pop nut

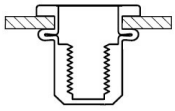
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- stainless

24MxxCGxx Flat head closed stainless steel knurled rivet nut (pop nut)

Material: Stainless steel





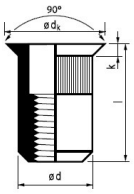
Ød * Drill hole mm	l: length (mm)	Grip range mm	Part no.	Ødk mm [±0,5]	k mm	Ød [+0,1/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	16,0 [+0/-1,5]	0,5-2,0	24M04CG20	9	≤1,1	5,9	7,0	6 860	2 640	Closed flat head Inox M04 rivet nut
M5 *Ø 7,0	19 [+0/-1,5]	0,3-3,0	24M05CG30	10	≤1,1	6,9	10,0	11 760	2 940	Closed end flat Inox M05 rivet nut
M6 *Ø 9,0	22 [+0/-1,5]	0,5-3,0	24M06CG30	12	≤1,6	8,9	20,0	18 620	4 900	Closed flat head Inox M06 rivet nut
	23,5 [+0/-1,5]	3,1-5,0	24M06CG50				22,0	20 580	5 630	Closed end flat head A2 M06 pop nut
M8 *Ø 11,0	25 [+0/-1,8]	0,5-3,0	24M08CG30	15	≤1,6	10,9	28,0	24 500	6 860	Closed flat head Inox M08 rivet nut
	26,5 [+0/-1,8]	3,1-5,5	24M08CG55				29,0	26 460	6 860	Closed Flat head A2 M08 rivet nut
M10 *Ø 13,0	29 [+0/-2,0]	0,5-3,5	24M10CG30	17	≤2,1	12,9	38,0	29 400	7 840	Closed end flat head Inox M10 rivet nut

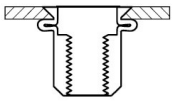
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- stainless
- closed rivet nut

24MxxV0xx Countersunk head open stainless steel knurled rivet nut (pop nut)

Material: Stainless steel





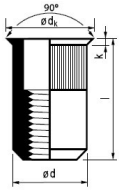
Ød * Drill hole mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	11,5	2,0-3,5	24M04V035	9,0 [+0/-0,5]	≤1,8	5,9	9,0	10 130	3 720	Countersunk head Inox M04 rivet nut
M5 *Ø 7,0	13,5	2,0-4,0	24M05V040	10,0 [+1/-1,5]	≤1,8	6,9	10,5	12 250	4 020	Countersunk head A2 M05 rivet nut
M6 *Ø 9,0	16,0	2,0-4,5	24M06V045	12,0 [+1/-1,5]	≤1,8	8,9	21,0	20 580	5 560	Countersunk head Inox M06 rivet nut
M8 *Ø 11,0	19,0	2,0-4,5	24M08V045	14,0 [+1/-1,5]	≤1,8	10,9	31,0	28 070	7 640	Countersunk head A2 M08 rivet nut
M10 *Ø 13,0	21,0	2,0-4,5	24M10V045	16,0 [+3/-3,5]	≤1,8	12,9	32,0	32 790	8 110	Countersunk head Inox M10 rivet nut

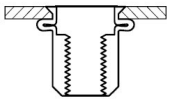
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- stainless

24MxxKV0xx Small countersunk head open stainless steel knurled rivet nut (micro head rivet nut)

Material: Stainless steel





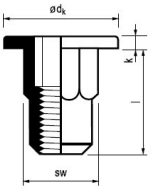
Ød * Drill hole mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	10,0	0,5-2,5	24M04KV025	7,0 [+0/-0,5]	≤0,9	5,9	9,0	6 860	2 940	Small Countersunk Inox M04 rivet nut
M5 *Ø 7,0	11,5	0,5-3,0	24M05KV030	8,0 [+0/-0,5]	≤0,9	6,9	10,5	11 760	4 030	Micro head A2 M05 rivet nut
M6 *Ø 9,0	14,0	0,5-3,0	24M06KV030	10,0 [+0/-0,5]	≤0,9	8,9	21,0	18 620	5 230	Small countersunk head inox M06 rivet nu
M8 *Ø 11,0	15,5	0,5-3,0	24M08KV030	12,0 [+0/-0,5]	≤0,9	10,9	31,0	25 480	5 400	Micro head A2 M08 pop nut
M10 *Ø 13,0	19,5	0,8-3,5	24M10KV035	14,5 [+0/-0,5]	≤1,1	12,9	32,0	33 320	5 880	Small Countersunk Inox M10 rivet nut

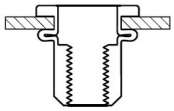
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- stainless

24HxxC0xx Flat head hexagonal body open stainless steel rivet nut (pop nut)

Material: Stainless steel





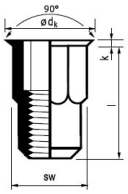
Ød *Side width mm	l: length (mm)	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M3 *SW1 5,0	9 [+0/-1,3]	0,3-1,8	24H03C018	8,0 [+0,2/-0,3]	≤1,0	4,9	6,0	6860	1840	Flat head hexert A2 open M03 pop nut
M4 *SW1 6,1	11,5 [+0/-1,3]	0,5-2,5	24H04C025	9,3 [+0,2/-0,3]	≤1,1	6,0	12,0	10190	2680	Flat head A2 hexagonal M04 rivet nut
M5 *SW1 7,1	13,5 [+0/-1,3]	0,5-3,0	24H05C030	10,3 [+0,2/-0,3]	≤1,1	7,0	14,0	12740	3430	Flat head hexagonal body Inox open M05 riv
M6 *SW1 9,1	15,5 [+0/-1,8]	0,5-3,0	24H06C030	12,3 [+0,2/-0,3]	≤1,6	9,0	26,0	19600	4700	Flat head hexert A2 open M06 pop nut
M6 *SW1 9,1	14,5 [+0/-1,8]	0,5-3,0	24H06C030R	12,0 [+0,2/-0,3]	≤1,5	9,0	26,0	19600	4700	Flat head hexert A2 open M06 pop nut
M6 *SW1 9,1	15,0 [+0/-1,8]	3,0-5,0	24H06C050	12,0 [+0,2/-0,3]	≤1,5	9,0	26,0	19600	4700	Flat head A2 hexagonal M06 rivet nut
M6 *SW1 9,1	17,5 [+0/-1,8]	3,0-6,0	24H06C060	13,0 [+0,2/-0,3]	≤1,5	9,0	26,0	19600	4700	Flat head hexagonal body Inox open M06 riv
M8 *SW1 11,1	17,5 [+0/-1,8]	0,5-3,0	24H08C030	14,3 [+0,5/-0,1]	≤1,6	11,0	39,0	37240	6860	Flat head hexert A2 open M08 pop nut
M8 *SW1 11,1	17,0 [+0/-1,8]	1,5-4,5	24H08C045	16,0 [+0,5/-0,1]	≤1,5	11,0	39,0	37240	6860	Flat head hexert A2 open M08 pop nut
M8 *SW1 11,1	17,0 [+0/-1,8]	3,0-5,5	24H08C055	15,0 [+0,5/-0,1]	≤1,5	11,0	39,0	37240	6860	Flat head A2 hexagonal M08 rivet nut
M8 *SW1 11,1	18,5 [+0/-1,8]	3,0-6,0	24H08C060	16,0 [+0,5/-0,1]	≤1,5	11,0	39,0	37240	6860	Flat head hexagonal body Inox open M08 riv
M10 *SW1 13,1	22,0 [+0/-2,3]	1,0-4,0	24H10C040	16,3 [+0,2/-0,3]	≤2,1	13,0	45,0	63700	6820	Flat head hexert A2 open M10 pop nut
M10 *SW1 13,1	24,0 [+0/-2,3]	3,0-6,0	24H10C060	16,0 [+0,2/-0,3]	≤2,1	13,0	45,0	63700	6820	Flat head hexert A2 open M10 pop nut
M12 *SW1 16,1	26,0 [+0/-2,3]	1,0-4,0	24H12C040	16,0 [+0,2/-0,3]	≤2,1	23,0	50,0	49420	9050	Flat head A2 hexagonal M12 rivet nut
M12 *SW1 16,1	27,0 [+0/-2,3]	3,5-7,0	24H12C070	16,0 [+0,2/-0,3]	≤2,1	23,0	50,0	49420	9050	Flat head hexagonal body Inox open M12 riv

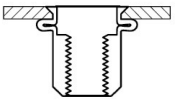
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- stainless

24HxxKV0xx Small countersunk head hexagonal body open stainless steel rivet nut (rivet nut)

Material: Stainless steel





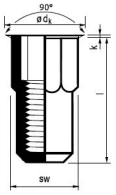
Ød *Side width mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *SW1 6,1	12,0	0,5-2,5	24H04KV025	6,5 [+0/-0]	≤0,9	6,0	12,0	8 240	2 950	Reduced head A2 hexagonal M04 rivet nut
M4 *SW1 6,1	12	1,5-3,0	24H04KV030	7 [+0/-0]	≤0,9	6	12,0	8 240	2 950	Small CSK head hexagonal Inox M04 rivet n
M4 *SW1 6,1	13	2,5-4,0	24H04KV040	7 [+0/-0]	≤0,9	6	12,0	8 240	2 950	Small head hexagonal body Inox open M04
M5 *SW1 7,1	14,0	0,5-3,0	24H05KV030	7,5 [+0/-0]	≤0,9	7,0	11,0	11 760	2 840	Reduced head hexert A2 open M05 pop nut
M5 *SW1 7,1	13	2,5-4,5	24H05KV045	8 [+0/-0]	≤0,9	7,0	11,0	11 760	2 840	Small CSK head A2 hexagonal M05 rivet nut
M6 *SW1 9,1	16,0	0,5-3,0	24H06KV030	9,5 [+0/-0]	≤0,9	9,0	21,0	21 560	3 820	Reduced head hexagonal Inox M06 rivet nu
M6 *SW1 9,1	16	2,0-4,5	24H06KV045	10 [+0/-0]	≤0,9	9,0	21,0	21 560	3 820	Small head hexagonal body Inox open M06
M8 *SW1 11,1	17,0	0,5-3,0	24H08KV030	11,5 [+0,5/-0]	≤0,9	11,0	30,0	24 500	3 920	Small CSK head hexert A2 open M08 pop nu
M10 *SW1 13,1	20,5	1,0-4,0	24H10KV040	13,5 [+0,5/-0]	≤1,1	13,0	40,0	47 040	5 010	Reduced head A2 hexagonal M10 rivet nut

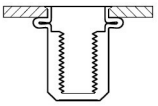
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- stainless

24HxxKVGxx Small countersunk head hexagonal body closed stainless steel rivet nut (rivet nut)

Material: Stainless steel





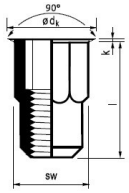
Ød *Side width mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *SW1 6,1	15,5	0,5-2,0	24H04KVG20	6,5 [+0,5/-0]	≤0,9	6,0	12,0	8 240	2 950	Small head closed A2 hexagonal body pop
M5 *SW1 7,1	18,0	0,5-3,0	24H05KVG30	7,5 [+0,5/-0]	≤0,9	7,0	11,0	11 760	2 840	Reduced head hexagonal body Inox closed
M5 *SW1 7,1	20,5	3,0-5,0	24H05KVG50	7,5 [+0,5/-0]	≤0,9	7,0	11,0	11 760	2 840	Small head closed A2 hexagonal body rive
M6 *SW1 9,1	21,5	0,5-3,0	24H06KVG30	9,5 [+0,5/-0]	≤0,9	9,0	21,0	21 560	3 820	Reduced head hexert A2 closed M06 rivet
M6 *SW1 9,1	23,5	3,0-5,0	24H06KVG50	9,5 [+0,5/-0]	≤0,9	9,0	21,0	21 560	3 820	Small CSK head hexagonal body Inox close
M8 *SW1 11,1	24,0	0,5-3,0	24H08KVG30	11,5 [+0,5/-0]	≤0,9	11,0	30,0	24 500	3 920	Reduced head hexagonal Inox M08 rivet n
M8 *SW1 11,1	26,5	3,0-5,5	24H08KVG55	11,5 [+0,5/-0]	≤0,9	11,0	30,0	24 500	3 920	Small CSK head hexagonal body Inox close
M10 *SW1 13,1	30,5	1,0-4,0	24H10KVG40	14,5 [+0,5/-1]	≤1,0	12,9	40,0	47 040	5 010	Reduced head hexagonal Inox M10 rivet nu

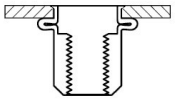
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- stainless
- closed rivet nut

LCHxxF0xxIN Micro head hexagonal body closed stainless steel turned rivet nut (rivet nut)

Material: Stainless steel



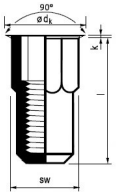


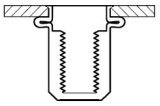
Ød *Side width mm	l: length (mm) (+1,0/-0,5)	Grip range mm	Part no.	Ødk mm	K (+0,15/-0,15) Mm	Ød [+0/-0,15] mm	Torque, [Nm]	Tensile Newton	Description
M2,5 *SW1 4,1	6.4	0,0 - 1,1	LCH2,5F011IN	4,6	0,3	4,0	1	325	Small head A2 hexagonal M2,5 rivet nut
	7.1	1,0 - 1,7	LCH2,5F017IN						Micro head A2 hexagonal M2,5 rivet nut
M3 *SW1 5,1	6.7	0,0 - 1,1	LCH3F011IN	5,8	0,3	5,0	1,4	500	Extra Small head A2 hexagonal M3 rivet nut
	7.9	1,0 - 2,3	LCH3F023IN						Small head A2 hexagonal M3 rivet nut
	9.1	2,3 - 3,2	LCH3F032IN						Micro head A2 hexagonal M3 rivet nut
	10.0	3,2 - 4,1	LCH3F041IN						Reduced head hexagonal body Inox M3 rivet nu
M4 *SW1 6,1	8.4	0,0 - 1,3	LCH4F013IN	6,8	0,3	6,0	3,2	825	Extra Small head A2 hexagonal M4 rivet nut
	9.7	1,0 - 2,3	LCH4F023IN						Small head A2 hexagonal M4 rivet nut
	9.9	1,8 - 3,0	LCH4F030IN						Micro head A2 hexagonal M4 rivet nut
	11.3	3,0 - 4,2	LCH4F042IN						Reduced head hexagonal body Inox M4 rivet nu
	12.6	4,2 - 5,5	LCH4F055IN						Small head hexagonal body Inox M4 pop nut
M5 *SW1 7,1	9.6	0,0 - 1,5	LCH5F015IN	8,0	0,4	7,0	6,4	1150	Extra Small head A2 hexagonal M5 rivet nut
	10.6	0,5 - 2,5	LCH5F025IN						Small head A2 hexagonal M5 rivet nut
	11.6	1,5 - 3,5	LCH5F035IN						Micro head A2 hexagonal M5 rivet nut
	12.6	3,0 - 4,5	LCH5F045IN						Reduced head hexagonal body Inox M5 rivet nu
M6 *SW1 9,1	11.9	0,0 - 1,5	LCH6F015IN	10,0	0,4	9,0	11,1	1950	Extra Small head A2 hexagonal M6 rivet nut
	13.9	1,5 - 3,5	LCH6F035IN						Small head A2 hexagonal M6 rivet nut
	14.9	2,5 - 4,5	LCH6F045IN						Micro head A2 hexagonal M6 rivet nut
	15.9	3,5 - 5,5	LCH6F055IN						Reduced head hexagonal body Inox M6 rivet nu
	16.8	5,0 - 6,5	LCH6F065IN						Small head hexagonal body Inox M6 pop nut
M8 *SW1 11,1	14.4	0,0 - 1,8	LCH8F018IN	12,0	0,4	11,0	27	3200	Extra Small head A2 hexagonal M8 rivet nut
	15.6	1,0 - 3,0	LCH8F030IN						Small head A2 hexagonal M8 rivet nut
	16.8	2,2 - 4,2	LCH8F042IN						Micro head A2 hexagonal M8 rivet nut
	17.6	3,0 - 5,0	LCH8F050IN						Reduced head hexagonal body Inox M8 rivet nu
	19.1	4,5 - 6,5	LCH8F065IN						Small head hexagonal body Inox M8 pop nut
M10 *SW1 13,1	19.1	0,0 - 3,2	LCH10F032IN	14,5	0,6	13,0	53	4350	Extra Small head A2 hexagonal M10 rivet nut
	21.4	2,5 - 5,5	LCH10F055IN						Small head A2 hexagonal M10 rivet nut
	22.4	3,5 - 6,5	LCH10F065IN						Micro head A2 hexagonal M10 rivet nut
	22.4	5,5 - 7,5	LCH10F075IN						Reduced head hexagonal body Inox M10 rivet n
M12 *SW1 16,1	23.0	0,0 - 4,2	LCH12F042IN	17,5	0,6	16,0	92	6500	Extra Small head A2 hexagonal M12 rivet nut
	24.4	2,5 - 6,0	LCH12F060IN						Small head A2 hexagonal M12 rivet nut
	26.0	4,0 - 7,6	LCH12F076IN						Micro head A2 hexagonal M12 rivet nut
	27.6	7,0 - 9,2	LCH12F092IN						Reduced head hexagonal body Inox M12 rivet n
M14 *SW1 18,1	24.6	0,0 - 3,0	LCH14F030IN	19,5	0,6	18,0	148	7800	Extra Small head A2 hexagonal M14 rivet nut
	26.6	2,0 - 5,0	LCH14F050IN						Small head A2 hexagonal M14 rivet nut
	28.6	4,0 - 7,0	LCH14F070IN						Micro head A2 hexagonal M14 rivet nut
	30.6	7,0 - 9,0	LCH14F090IN						Reduced head hexagonal body Inox M14 rivet n
M16 *SW1 21,1	25.5	0,0 - 3,2	LCH16F032IN	22,5	0,6	21,0	232	10500	Extra Small head A2 hexagonal M16 rivet nut
	28.0	1,0 - 5,7	LCH16F057IN						Small head A2 hexagonal M16 rivet nut
	30.5	3,5 - 8,2	LCH16F082IN						Micro head A2 hexagonal M16 rivet nut
	33.3	7,0 - 11,0	LCH16F0110IN						Reduced head hexagonal body Inox M16 rivet n

- turned rivet nut for the perfect cylindrical bulge
- real thin head, minimal protrusion over the metal sheet
- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compa
- better torgue
- stainless

LCHxxFBxxIN Micro head hexagonal body closed stainless steel turned rivet nut (rivet nut)

Material: Stainless steel



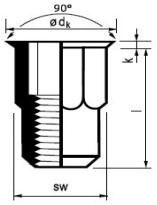


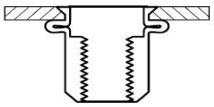
Ød *Side width mm	l: length (mm) (+1,0/-0,5)	Grip range mm	Part no.	Ødk mm	K (+0,15/-0,15) Mm	Ød [+0/-0,15] mm	Torque, [Nm]	Tensile Newton	Description
M2,5 *SW1 4,1	9,6	0,0 - 1,1	LCH2,5FB11IN	4,6	0,3	4,0	1	325	Small head Closed A2 hexagonal M2,5 rivet nut
	10,3	1,0 - 1,7	LCH2,5FB17IN						Micro head Closed A2 hexagonal M2,5 rivet nut
M3 *SW1 5,1	10,7	0,0 - 1,1	LCH3FB11IN	5,8	0,3	5,0	1,4	500	Extra Small head Closed A2 hexagonal M3 rivet
	11,8	1,0 - 2,3	LCH3FB23IN						Small head Closed A2 hexagonal M3 rivet nut
	13,1	2,3 - 3,2	LCH3FB32IN						Micro head Closed A2 hexagonal M3 rivet nut
	14,0	3,2 - 4,1	LCH3FB41IN						Reduced head hexagonal body Closed Inox M3 r
M4 *SW1 6,1	14,4	0,0 - 1,3	LCH4FB13IN	6,8	0,3	6,0	3,2	825	Extra Small head Closed A2 hexagonal M4 rivet
	15,0	1,0 - 2,3	LCH4FB23IN						Small head Closed A2 hexagonal M4 rivet nut
	15,9	1,8 - 3,0	LCH4FB30IN						Micro head Closed A2 hexagonal M4 rivet nut
	17,0	3,0 - 4,2	LCH4FB42IN						Reduced head hexagonal body Closed Inox M4 r
	18,3	4,2 - 5,5	LCH4FB55IN						Small head hexagonal body Closed Inox M4 por
M5 *SW1 7,1	16,5	0,0 - 1,5	LCH5FB15IN	8,0	0,4	7,0	6,4	1150	Extra Small head Closed A2 hexagonal M5 rivet
	17,4	0,5 - 2,5	LCH5FB25IN						Small head Closed A2 hexagonal M5 rivet nut
	18,5	1,5 - 3,5	LCH5FB35IN						Micro head Closed A2 hexagonal M5 rivet nut
	19,5	3,0 - 4,5	LCH5FB45IN						Reduced head hexagonal body Closed Inox M5 r
M6 *SW1 9,1	19,9	0,0 - 1,5	LCH6FB15IN	10,0	0,4	9,0	11,1	1950	Extra Small head Closed A2 hexagonal M6 rivet
	21,9	1,5 - 3,5	LCH6FB35IN						Small head Closed A2 hexagonal M6 rivet nut
	22,9	2,5 - 4,5	LCH6FB45IN						Micro head Closed A2 hexagonal M6 rivet nut
	23,9	3,5 - 5,5	LCH6FB55IN						Reduced head hexagonal body Closed Inox M6 r
	24,9	5,0 - 6,5	LCH6FB65IN						Small head hexagonal body Closed Inox M6 por
M8 *SW1 11,1	23,6	0,0 - 1,8	LCH8FB18IN	12,0	0,4	11,0	27	3200	Extra Small head Closed A2 hexagonal M8 rivet
	24,8	1,0 - 3,0	LCH8FB30IN						Small head Closed A2 hexagonal M8 rivet nut
	26,0	2,2 - 4,2	LCH8FB42IN						Micro head Closed A2 hexagonal M8 rivet nut
	26,8	3,0 - 5,0	LCH8FB50IN						Reduced head hexagonal body Closed Inox M8 r
	28,3	4,5 - 6,5	LCH8FB65IN						Small head hexagonal body Closed Inox M8 por
M10 *SW1 13,1	30,9	0,0 - 3,2	LCH10FB32IN	14,5	0,6	13,0	53	4350	Extra Small head Closed A2 hat. M10 rivet nut
	33,4	2,5 - 5,5	LCH10FB55IN						Small head Closed A2 hexagonal M10 rivet nut
	34,4	3,5 - 6,5	LCH10FB65IN						Micro head Closed A2 hexagonal M10 rivet nut
	35,4	5,5 - 7,5	LCH10FB75IN						Reduced head hexagonal body Closed Inox M10
M12 *SW1 16,1	36,0	0,0 - 4,2	LCH12FB42IN	17,5	0,6	16,0	92	6500	Extra Small head Closed A2 hat. M12 rivet nut
	36,3	2,5 - 6,0	LCH12FB60IN						Small head Closed A2 hexagonal M12 rivet nut
	38,3	4,0 - 7,6	LCH12FB76IN						Micro head Closed A2 hexagonal M12 rivet nut
	39,6	7,0 - 9,2	LCH12FB92IN						Reduced head hexagonal body Closed Inox M12
M14 *SW1 18,1	39,4	0,0 - 3,0	LCH14FB30IN	19,5	0,6	18,0	148	7800	Extra Small head Closed A2 hat. M14 rivet nut
	41,4	2,0 - 5,0	LCH14FB50IN						Small head Closed A2 hexagonal M14 rivet nut
	43,6	4,0 - 7,0	LCH14FB70IN						Micro head Closed A2 hexagonal M14 rivet nut
	45,7	7,0 - 9,0	LCH14FB90IN						Reduced head hexagonal body Closed Inox M14
M16 *SW1 21,1	41,9	0,0 - 3,2	LCH16FB32IN	22,5	0,6	21,0	232	10500	Extra Small head Closed A2 hat. M16 rivet nut
	44,4	1,0 - 5,7	LCH16FB57IN						Small head Closed A2 hexagonal M16 rivet nut
	46,9	3,5 - 8,2	LCH16FB82IN						Micro head Closed A2 hexagonal M16 rivet nut
	49,7	7,0 - 11,0	LCH16FB110IN						Reduced head hexagonal body Closed Inox M16

- turned rivet nut for the perfect cylindrical bulge
- real thin head, minimal protrusion over the metal sheet
- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compa
- better torgue
- stainless

28HxxKV0xx AISI316 AISI316 stainless steel small CSK head hexagonal body open rivet nut (pop nut)

Material: AISI 316 stainless steel





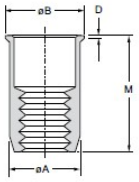
Ød *Side width mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *SW1 6,1	11,0	0,5-2,0	28H04KV020	6,5 [+0/-0]	≤0,9	6,0	12,0	8 240	2 950	Reduced head A4 hexagonal M04 rivet nut
M5 *SW1 7,1	12,0	0,5-3,0	28H05KV030	7,5 [+0/-0]	≤0,9	7,0	11,0	11 760	2 840	Small head hexert A4 open M05 pop nut
M6 *SW1 9,1	14,5	0,5-3,0	28H06KV030	9,5 [+0/-0]	≤0,9	9,0	21,0	21 560	3 820	Small CSK head hexagonal AISI316 M06 riv
M6 *SW1 9,1	16,5	3,0-5,0	28H06KV050	10 [+0/-0]	≤0,9	9,0	21,0	21 560	3 820	Reduced head hexagonal body AISI316 op
M8 *SW1 11,1	16,0	0,5-3,0	28H08KV030	11,5 [+0,5/-0]	≤0,9	11,0	30,0	24 500	3 920	Small head hexert A4 open M08 pop nut
M8 *SW1 11,1	18,5	3,0-5,5	28H08KV055	11,5 [+0,5/-0]	≤0,9	11,0	30,0	24 500	3 920	Small CSK head hexagonal Inox M08 rivet
M10 *SW1 13,1	21,0	0,8-3,5	28H10KV035	13,5 [+0,5/-0]	≤1,1	13,0	40,0	47 040	5 010	Reduced head A4 hexagonal M10 rivet nut
M10 *SW1 13,1	23,5	3,5-6,0	28H10KV060	13,5 [+0,5/-0]	≤1,1	13,0	40,0	47 040	5 010	Small head hexagonal body AISI316 open

Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- stainless AISI 316 for most demanding applications

9468 Small countersunk head open stainless steel cylindrical special drill size Nutsert rivet nut

Material: Stainless steel



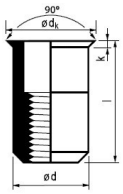
Ød * Drill hole mm	M: length (mm) +0,5/-0,5	Grip range mm	Part no.	ØB mm	D mm	ØA [+0/-0,12] mm	Torque [Nm]			Description
M3 *Ø 4,75	9,2	0,5-1,5	9468-0310	5,8 [+0/-0,5]	≤0,9	4,73	4,0			Small Countersunk Inox M3 rivet nut
M4 *Ø 6,35	10,4	0,5-2,0	9468-0413	7,5 [+0/-0,5]	≤0,9	6,32	5,6			Micro head A2 M4 rivet nut
M5 *Ø 7,15	11,8	0,5-3,0	9468-0514	8,3 [+0/-0,5]	≤0,9	7,11	11,3			Small Countersunk Inox M5 rivet nut
M6 *Ø 9,53	14,6	0,8-3,2	9468-0619	10,9 [+0/-0,5]	≤0,9	9,50	16,9			Micro head A2 M6 rivet nut
M8 *Ø 10,6	16,1	0,9-3,7	9468-0821	11,8 [+0/-0,5]	≤0,9	10,57	22,6			Small Countersunk Inox M8 rivet nut
M10 *Ø 14,3	18,6	1,0-3,6	9468-1023	15,8 [+0/-0,5]	≤1,1	14,28	33,8			Micro head A2 M10 rivet nut

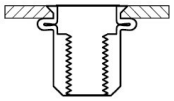
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- stainless

20MxxV0xx Small countersunk head open aluminum rivet nut (micro head rivet nut, pop nut)

Material: Aluminum [AlMg5]





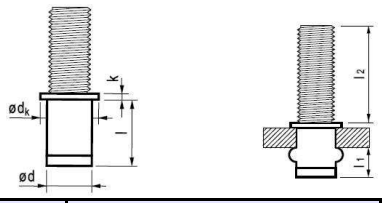
Ød * Drill hole mm	l: length (mm) +0,5/-0	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,1	10,5	0,5-1,5	20M04V015	7,0 [+0,5/-0,25]	≤0,7	6,0	4,0	2 840	1 080	Small Countersunk Alu M04 rivet nut
	11,5	1,5-2,5	20M04V025							Micro head aluminum M04 rivet nut
	12,5	2,5-3,5	20M04V035							Small countersunk head Alu M04 rivet nu
M5 *Ø 7,1	11,0	0,5-1,5	20M05V015	8,0 [+0,5/-0,25]	≤0,7	7,0	4,5	5 250	1 180	Micro head Al M05 pop nut
	12,0	1,5-2,5	20M05V025							Small Countersunk Alu M05 rivet nut
	13,0	2,5-3,5	20M05V035							Micro head aluminum M05 rivet nut
M6 *Ø 9,1	14,0	1,0-2,5	20M06V025	10,0 [+0,5/-0,25]	≤0,7	9,0	9,5	9 680	1 960	Small countersunk head Alu M06 rivet nu
	15,5	2,5-4,0	20M06V040							Micro head aluminum M06 pop nut
M8 *Ø 11,1	15,5	1,0-2,5	20M08V025	12,0 [+0,5/-0,25]	≤0,7	11,0	14,0	15 680	2 060	Small Countersunk Alu M08 rivet nut
	17,0	2,5-4,0	20M08V040							Micro head Al M08 rivet nut

Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (max. 0,5 mm)
- quite corrosion resistant

29MxxGrLe Steel rivetable bolt, rivet bolt, rivetable bolt

Material: Steel, RoHS surface treatment



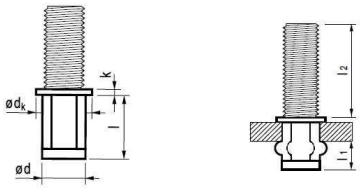
Ød * Drill hole mm	l: length (mm) +1,0/-0,5	Grip range mm	Part no.	Ødk mm	k mm	Ød mm (Max)	L1	L2	Description
M4 *Ø 5,5	8,0	0,5-2,0	29M042010	8,0	0,5	5,4	3,5	10	Steel rivet bolt M04 hossz=10
	8,0	0,5-2,0	29M042015					15	Steel rivet screw M04 hossz=15
	8,0	2,0-3,0	29M043010				4,0	10	Steel rivetable bolt M04 hossz=10
	8,0	2,0-3,0	29M043015					15	Steel rivet bolt M04 hossz=15
M5 *Ø 6,6	9,0	0,5-2,0	29M052010	9,0	0,8	6,5	4,5	10	Steel rivet screw M05 hossz=10
	9,0	0,5-2,0	29M052015					15	Steel rivetable bolt M05 hossz=15
	10,5	2,0-3,5	29M053510					10	Steel rivet bolt M05 hossz=10
	10,5	2,0-3,5	29M053515					15	Steel rivet screw M05 hossz=15
M6 *Ø 7,8	10,0	0,5-2,5	29M062510	10,0	1,0	7,7	5,0	10	Steel rivetable bolt M06 hossz=10
	10,0	0,5-2,5	29M062515					15	Steel rivet bolt M06 hossz=15
	11,5	2,5-4,0	29M064010					10	Steel rivet screw M06 hossz=10
	11,5	2,5-4,0	29M064015					15	Steel rivetable bolt M06 hossz=15
M8 *Ø 9,9	12,5	1,0-3,0	29M083015	12,0	1,5	9,8	7,0	15	Steel rivet bolt M08 hossz=15
	12,5	1,0-3,0	29M083020					20	Steel rivet screw M08 hossz=20
	15,0	3,0-5,0	29M085015					15	Steel rivetable bolt M08 hossz=15
	15,0	3,0-5,0	29M085020					20	Steel rivet bolt M08 hossz=20

Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- material of sheet will not be deformed/ discolored
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (ca. 0,5-1,5 mm)
- 8.8-as bolt

29HxxGrLe Steel hexagonal rivetable screw, rivet bolt, rivetable bolt

Material: Steel, RoHS surface treatment



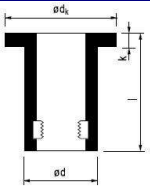
Ød * Drill hole mm	l: length (mm) +1,0/-0,5	Grip range mm	Part no.	Ødk mm	k mm	Ød mm [Max]	L1	L2	Description
M5 *furat Side width 7,1	11,0	0,5-3,0	29H053015	10,0	1,0	7,0	5,5	15	Steel rivet screw H05 hossz=15
			29H053020					20	Steel rivetable bolt H05 hossz=20
			29H053055					25	Steel rivet bolt H05 hossz=25
M6 *furat Side width 9,1	13,0	0,5-3,0	29H063015	13,0	1,5	9,0	7,5	15	Steel rivet screw H06 hossz=15
			29H063020					20	Steel rivetable bolt H06 hossz=20
			29H063025					25	Steel rivet bolt H06 hossz=25
M8 *furat Side width 11,1	14,0	0,5-3,0	29H083020	16,0	1,5	11,0	8,5	20	Steel rivet screw H08 hossz=20
			29H083025					25	Steel rivetable bolt H08 hossz=25

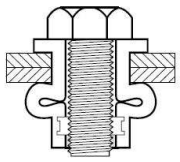
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- material of sheet will not be deformed/ discolored
- counter-boring is not necessary, despite of this the rivet screw will stand out from the surface (ca. 1-1,5 mm)
- 8.8 screw
- thanks to the hexagonal body it is suitable against the reversal of the body

25MxxC0xxx EPDM rubber rivet nut (blind nut, rivet nut, pop nut)

Material of body: E.P.D.M.
nut: Copper

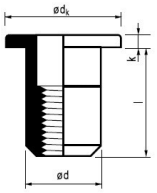


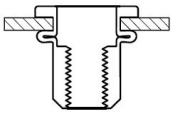


Ød * Drill hole mm	l: length (mm)	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Hardness Shore A	Description
M3 *Ø [8,3 max]	12,6	0,4-4,0	25M03C0040	11,0 [+0,5/-0,8]	≤1,4	7,9	0,25-0,50	60	Rubber blind nut M03
M4 *Ø [8,3 max]	12,6	0,4-4,0	25M04C0040	11,0 [+0,5/-0,8]	≤1,4	8	0,25-0,50	70	EPDM blind nut M04
M5 *Ø [9,9 max]	14,1	0,4-4,9	25M05C0049	12,7 [+0,5/-0,8]	≤0,9	9,6	0,35-0,50	60	Neoprene blind nut M05
	21,5	4,0-11,6	25M05C0116	14,0 [+0,5/-0,8]	≤0,9		0,30-0,90	60	Rubber rivet nut M05
	26,1	7,9-16,0	25M05C0163		≤1,3		0,30-0,70	60	EPDM rivet nut M05
	39,8	20,5-30,0	25M05C0300		≤1,3		0,60-1,00	60	Neoprene rivet nut M05
M6 *Ø [13,0 max]	16,0	0,4-2,8	25M06C0028	16,0 [+0,5/-0,8]	≤1,3	12,7	0,6-1,00	60	Rubber blind nut M06
	21,1	0,8-4,7	25M06C0047	19,1 [+0,5/-0,8]	≤4,8		0,80-1,00	70	EPDM blind nut M06
	26,7	6,4-11,5	25M06C0110	16,3 [+0,5/-0,8]	≤2,0		0,80-1,00	70	Neoprene blind nut M06
M8 *Ø [16,2 max]	18,3	0,4-4,0	25M08C0040	22,1 [+0,5/-0,8]	≤3,2	15,9	1,00-1,50	60	Rubber pop nut M08
	27,9	3,9-9,5	25M08C0095		≤5,7		1,00-1,60	60	EPDM pop nut M08
M8 *Ø [18,3 max]	50,0	15,0-39,0	25M08C0390	20,0 [+0,5/-0,8]	≤1,6	18	3,00-4,00	60	Neoprene pop nut M08
M10 *Ø [20,3 max]	55,0	19,0-40,0	25M10C0400	22,5 [+0,5/-0,8]	≤1,3	20	4,50-5,50	60	Rubber rivet nut M10
M12 *Ø [24,3 max]	80,0	38,0-64,0	25M12C0640	27,0 [+0,5/-0,8]	≤1,3	24	6,00-7,00	60	EPDM rivet nut M12

9418 Flat head open steel pereme alatt knurled rivet nut (pop nut, blind nut)

Material: Steel, RoHS surface treatment





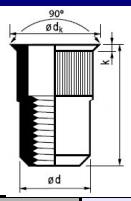
Ød * Drill hole mm	l: length (mm) +0,7/-0,7	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M3 *Ø 5,0	8,7	0,5-2,5	9418-2314	7,2 [±0,7]	≤0,9	4,9	1,5	4 900	990	Flat head M3 round rivet nut
M4 *Ø 6,0	11,0	0,5-3,5	9418-2415	8,5 [±0,7]	≤0,9	5,9	4,5	7 840	1 660	Flat head M4 round pop nut
M5 *Ø 7,0	12,0	0,5-2,5	9418-2517	10,0 [±0,7]	≤1,1	6,9	6,0	11 070	2 760	Flat head M5 round rivet nut
	15,5	2,5-5,0	9418-2519							Flat head M5 round pop nut
M6 *Ø 9,0	14,7	0,5-3,0	9418-2621	12,3 [±0,7]	≤1,5	8,9	12,4	17 640	3 430	Flat head M6 round rivet nut
	16,7	3,0-5,5	9418-2623							Flat head M6 round pop nut
M8 *Ø 11,0	17,0	0,5-3,0	9418-2822	15,5 [±0,7]	≤1,5	10,9	29,0	27 440	4 410	Flat head M8 round rivet nut
	19,5	3,0-5,5	9418-2825							Flat head M8 round rivet nut
M10 *Ø 13,0	19,5	0,5-3,5	9418-2028	17,5 [±0,7]	≤2,1	12,9	34,0	31 000	5 300	Flat head M10 round rivet nut

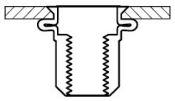
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet

39006 Reduced head open steel cylindrical knurled rivet nut

Material: Steel, RoHS surface treatment





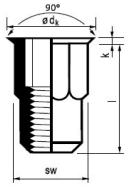
Ød * Drill hole mm	l: length (mm) +0,7/-0,7	Grip range mm	Part no.	Ødk mm	k mm	Od [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *Ø 6,0	11,3	0,25-2,0	39006-24020	6,7 [+0,3/-0,7]	≤0,6	5,97	3	6 000	1 600	Reduced head M4 knurled rivet nut
M5 *Ø 7,0	12,7	0,25-3,0	39006-25030	9,8 [+0,3/-0,7]	≤0,6	6,97	6,0	9 000	2 100	Small head M5 knurled rivet nut
M6 *Ø 9,0	15,3	0,5-3,0	39006-26030	10,2 [+0,3/-0,7]	≤0,63	8,97	10	16 000	2 300	Reduced head M6 knurled rivet nut
	17,8	3,0-5,5	39006-26055							Small CSK head M6 knurled pop nut
M8 *Ø 11,0	17,3	0,5-3,5	39006-28035	12,2 [+0,3/-0,7]	≤0,76	10,97	24	21 000	2 800	Reduced head M8 knurled rivet nut
	19,8	3,5-6,0	39006-28060							Small head M8 knurled pop nut
M10 *Ø 13,0	20,4	1,0-3,5	39006-20035	15,2 [+0,3/-0,7]	≤0,76	12,97	45	33 000	4 600	Reduced head M10 knurled rivet nut

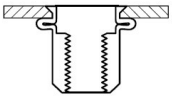
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet

39101 Small CSK head open steel half hexagonal rivet nut

Material: Steel, RoHS surface treatment





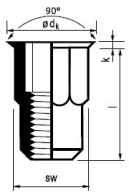
Ød *Side width mm	l: length (mm) +0,6/-0,6	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *SW1 6,1	10,6	0,5-2,0	39101-24025	7,2 [+0,6/-0,6]	≤0,75	6,0	12,0	8 240	2 950	Reduced head ST hexagonal M4 rivet nut
M5 *SW1 7,1	12,7	0,5-3,0	39101-25030	8,5 [+0,6/-0,6]	≤0,84	7,0	14,0	11 760	2 840	Small head hexert ST open M5 pop nut
M6 *SW1 9,1	15,0	0,5-3,0	39101-26030	11,0 [+0,6/-0,6]	≤0,98	9,0	16,9	21 560	3 820	Reduced head hexagonal body Steel ope
M6 *SW1 9,1	17,8	3,0-5,5	39101-26055	11,0 [+0,6/-0,6]	≤0,98	9,0	16,9	24 500	3 920	Small CSK head hexert ST open M6 pop n
M8 *SW1 11,1	16,9	0,5-3,0	39101-28030	13,6 [+0,6/-0,6]	≤1,14	13,0	39,0	37 040	5 010	Reduced head ST hexagonal M8 rivet nut
M10 *SW1 13,1	20,5	1,0-3,5	39101-20035	15,8 [+0,6/-0,6]	≤1,14	15,0	45,0	60 000	6 800	Reduced head hexagonal body Steel ope

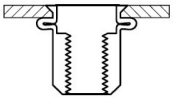
Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet

39102 Reduced head open stainless steel half hexagonal rivet nut

Material: Stainless steel





Ød *Side width mm	l: length (mm) +0,6/-0,6	Grip range mm	Part no.	Ødk mm	k mm	Ød [+0/-0,12] mm	Torque [Nm]	Tensile Newton	Shear Newton	Description
M4 *SW1 6,1	11,2	0,5-2,5	39102-24025	7,0 [+0,6/-0,6]	≤0,87	6,0	12,0	8 240	2 950	Reduced head A2 hexagonal M4 rivet nut
M5 *SW1 7,1	13,3	0,5-3,0	39102-25030	8,0 [+0,6/-0,6]	≤0,87	7,0	14,0	11 760	2 840	Small head hexert A2 open M5 pop nut
M6 *SW1 9,1	15,0	0,5-3,0	39102-26030	11,0 [+0,6/-0,6]	≤0,97	9,0	16,9	21 560	3 820	Reduced head hexagonal body Inox open
M6 *SW1 9,1	17,5	3,0-5,5	39102-26055	11,0 [+0,6/-0,6]	≤0,97	9,0	16,9	24 500	3 920	Smal CSK head hexert A2 open M6 pop nut
M8 *SW1 11,1	17	0,5-3,5	39102-28035	13,0 [+0,6/-0,6]	≤1,07	13,0	39,0	37 040	5 010	Reduced head A2 hexagonal M8 rivet nut
M10 *SW1 13,1	21	1,0-3,5	39102-20035	15,0 [+0,6/-0,6]	≤1,17	15,0	45,0	60 000	6 800	Reduced head hexagonal body Inox open

Technical specifications:

- can be set from one side, where the rear of the material and the inside of the object are inaccessible
- it is suitable for riveting of sheets and you get useable thread also
- not necessary to cut a thread or to weld a nut to the sheet (timesaving)
- material of sheet will not be deformed/ discolored
- suitable for thin sheet
- thanks to hexagonal body it is more secured against turning compared to cylindrical rivet nut
- better torgue
- counter-boring is not necessary, despite of this the rivet nut head will stand out minimum from the surface (cc. 0,5 mm)
- stainless

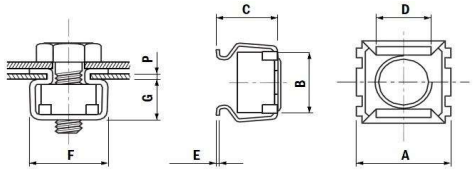
KALMmm-hh,hSSg,g-g,g Steel/Steel cage nut

mm: metrical thread

hh,h: size of square

SS: steel cage, steel nut

g,g-g,g: thickness of sheet from... to...



Thread M	P: Thickness of sheet [mm]	Size of square	Part no.	Sizes/ Proportions [mm]							Description
				A ± 0.6	B ± 0.5	C ± 0.3	D ± 0.2	E	F ± 0.3	G ± 0.1	
M3	0.3 – 0.9	5,3 ± 0,2	KALM03- 5,3SS0,3-0,9	9.8	9.3	5.4	4.8	0.3	9.8	3.7	M3 Steel steel cage nut
	1.0 – 1.6		KALM03- 5,3SS1,0-1,6			6.1					M3 Steel steel cage nut
	1.7 – 2.3		KALM03- 5,3SS1,7-2,3			6.8					M3 Steel steel cage nut
	2.4 – 3.1		KALM03- 5,3SS2,4-3,1			7.6					M3 Steel steel cage nut
M4	0.3 – 0.9		KALM04- 5,3SS0,3-0,9			5.4					M4 Steel steel cage nut
	1.0 – 1.6		KALM04- 5,3SS1,0-1,6			6.1					M4 Steel steel cage nut
	1.7 – 2.3		KALM04- 5,3SS1,7-2,3			6.8					M4 Steel steel cage nut
	2.4 – 3.1		KALM04- 5,3SS2,4-3,1			7.6					M4 Steel steel cage nut
M5	0.3 – 0.9		KALM05- 5,3SS0,3-0,9			5.4					M5 Steel steel cage nut
	1.0 – 1.6		KALM05- 5,3SS1,0-1,6			6.1					M5 Steel steel cage nut
	1.7 – 2.3		KALM05- 5,3SS1,7-2,3			6.8					M5 Steel steel cage nut
	2.4 – 3.1		KALM05- 5,3SS2,4-3,1			7.6					M5 Steel steel cage nut
M3	0.7 – 1.6	6,7 ± 0,2	KALM03- 6,7SS0,7-1,6	10.5	10.5	7.2	5.8	0.45	10.5	5	M3 Steel steel cage nut
	1.7 – 2.6		KALM03- 6,7SS1,7-2,6			8.2					M3 Steel steel cage nut
M4	0.7 – 1.6		KALM04- 6,7SS0,7-1,6			7.2					M4 Steel steel cage nut
	1.7 – 2.6		KALM04- 6,7SS1,7-2,6			8.2					M4 Steel steel cage nut
M5	0.7 – 1.6		KALM05- 6,7SS0,7-1,6			7.2					M5 Steel steel cage nut
	1.7 – 2.6		KALM05- 6,7SS1,7-2,6			8.2					M5 Steel steel cage nut
M4	0.3 – 1.1	8,3 ± 0,2	KALM04- 8,3SS0,3-1,1	12.2	12	7.5	7.2	0.45	12.5	6	M4 Steel steel cage nut
	0,7 – 1.6		KALM04- 8,3SS1,2-1,6			8.3					M4 Steel steel cage nut
	1.7 – 2.5		KALM04- 8,3SS1,7-2,5			9.10					M4 Steel steel cage nut
	2.6 – 3.5		KALM04- 8,3SS2,6-3,5			10.10					M4 Steel steel cage nut
	3.6 – 4.5		KALM04- 8,3SS3,6-4,5			11.0					M4 Steel steel cage nut
M5	0.3 – 1.1		KALM05- 8,3SS0,3-1,1			7.5					M5 Steel steel cage nut
	0,7 – 1.6		KALM05- 8,3SS1,2-1,6			8.3					M5 Steel steel cage nut
	1.7 – 2.5		KALM05- 8,3SS1,7-2,5			9.10					M5 Steel steel cage nut
	2.6 – 3.5		KALM05- 8,3SS2,6-3,5			10.10					M5 Steel steel cage nut
	3.6 – 4.5		KALM05- 8,3SS3,6-4,5			11.0					M5 Steel steel cage nut
M6	0.3 – 1.1		KALM06- 8,3SS0,3-1,1			7.5					M6 Steel steel cage nut
	0,7 – 1.6		KALM06- 8,3SS1,2-1,6			8.3					M6 Steel steel cage nut
	1.7 – 2.5		KALM06- 8,3SS1,7-2,5			9.10					M6 Steel steel cage nut
	2.6 – 3.5		KALM06- 8,3SS2,6-3,5			10.10					M6 Steel steel cage nut
	3.6 – 4.5		KALM06- 8,3SS3,6-4,5			11.0					M6 Steel steel cage nut
M4	0.7 – 1.6	9 ± 0,2	KALM04-9,0SS0,7-1,6	13,2	12,8	8.5	7,7	0,45	13,3	6	M4 Steel steel cage nut
	1.7 – 2.6		KALM04- 9,0SS1,7-2,6			9.6					M4 Steel steel cage nut
	2.7 – 3.5		KALM04- 9,0SS2,7-3,5			10.2					M4 Steel steel cage nut
M5	0.7 – 1.6		KALM05-9,0SS0,7-1,6			8.5					M5 Steel steel cage nut
	1.7 – 2.6		KALM05- 9,0SS1,7-2,6			9.6					M5 Steel steel cage nut
	2.7 – 3.5		KALM05- 9,0SS2,7-3,5			10.2					M5 Steel steel cage nut
M6	0.7 – 1.6		KALM06-9,0SS0,7-1,6			8.5					M6 Steel steel cage nut
	1.7 – 2.6		KALM06- 9,0SS1,7-2,6			9.6					M6 Steel steel cage nut
	2.7 – 3.5		KALM06- 9,0SS2,7-3,5			10.2					M6 Steel steel cage nut

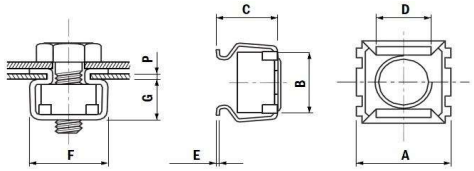
KALMmm-hh,hSSg,g-g,g Steel/Steel cage nut

mm: metrical thread

hh,h: size of square

SS: steel cage, steel nut

g,g-g,g: thickness of sheet from... to...



Thread M	P: Thickness of sheet [mm]	Size of square	Part no.	Sizes/ Proportions [mm]							Description
				A ± 0.6	B ± 0.5	C ± 0.3	D ± 0.2	E	F ± 0.3	G ± 0.1	
M4	0.7 – 1.6	9,5 ± 0,2	KALM04-9,5SS0,7-1,6	13,3	13,3	8.3	6,5	0,5	13,5	6,5	M4 Steel steel cage nut
	1.7 – 2.6		KALM04- 9,5SS1,7-2,6			9.5					M4 Steel steel cage nut
	2.7 – 3.5		KALM04- 9,5SS2,7-3,5			10.2					M4 Steel steel cage nut
M5	0.7 – 1.6		KALM05-9,5SS0,7-1,6			8.3					M5 Steel steel cage nut
	1.7 – 2.6		KALM05- 9,5SS1,7-2,6			9.5					M5 Steel steel cage nut
	2.7 – 3.5		KALM05- 9,5SS2,7-3,5			10.2					M5 Steel steel cage nut
M6	0.7 – 1.6		KALM06-9,5SS0,7-1,6			8.3					M6 Steel steel cage nut
	1.7 – 2.6		KALM06- 9,5SS1,7-2,6			9.5					M6 Steel steel cage nut
	2.7 – 3.5		KALM06- 9,5SS2,7-3,5			10.2					M6 Steel steel cage nut
M6	1.2 – 2.2	10 ± 0,2	KALM06-10,0SS1,2-2,2	15	11,3	9.7	9,5	0,5	15	6	M6 Steel steel cage nut
M6	0.7-1.7	12,3 ± 0,2	KALM06-12,3SS0,7-1,7S	16.5	16	10.4	7.5	0.6	17.5	7.6	M6 Steel steel cage nut
	1.8-3.1		KALM06-12,3SS1,8-3,1S			12					M6 Steel steel cage nut
	3.2-4.3		KALM06-12,3SS3,2-4,3S			13					M6 Steel steel cage nut
M8	0.7-1.7		KALM08-12,3SS0,7-1,7S			10.4					M8 Steel steel cage nut
	1.8-3.1		KALM08-12,3SS1,8-3,1S			12					M8 Steel steel cage nut
	3.2-4.3		KALM08-12,3SS3,2-4,3S			13					M8 Steel steel cage nut
M10	0.7 – 1.7		KALM10-12,3SS0,7-1,7S			10.4					M10 Steel steel cage nut
	1.8 – 3.1		KALM10-12,3SS1,8-3,1S			12					M10 Steel steel cage nut
	3.2 – 4.3		KALM10-12,3SS3,2-4,3S			13					M10 Steel steel cage nut
M6	0.7 – 1.7	12,3 ± 0,2	KALM06-12,3SS0,7-1,7	16.6	16.4	9.7	8.5	0.5	16.6	7.2	M6 Steel steel cage nut
	1.8 – 3.2		KALM06-12,3SS1,8-3,2			11.4					M6 Steel steel cage nut
	3.3 – 4.7		KALM06-12,3SS3,3-4,7			12.8					M6 Steel steel cage nut
	4.8 – 6.2		KALM06-12,3SS4,8-6,2			14					M6 Steel steel cage nut
M8	0.7 – 1.7		KALM08-12,3SS0,7-1,7			9.7					M8 Steel steel cage nut
	1.8 – 3.2		KALM08-12,3SS1,8-3,2			11.4					M8 Steel steel cage nut
	3.3 – 4.7		KALM08-12,3SS3,3-4,7			12.8					M8 Steel steel cage nut
	4.8 – 6.2		KALM08-12,3SS4,8-6,2			14					M8 Steel steel cage nut
M10	1.0 – 1.7		KALM10-12,3SS0,7-1,7			9.7					M10 Steel steel cage nut
	1.8 – 3.2		KALM10-12,3SS1,8-3,2			11.4					M10 Steel steel cage nut
	3.3 – 4.7		KALM10-12,3SS3,3-4,7			12.8					M10 Steel steel cage nut
	4.8 – 6.2		KALM10-12,3SS4,8-6,2			14					M10 Steel steel cage nut
M8	0.7 – 1.7	14 ± 0,2	KALM08-14,0SS0,7-1,7	20	19.4	13.5	12.6	0.6	20.5	10.4	M8 Steel steel cage nut
	1.8 – 3.2		KALM08-14,0SS1,8-3,2			15					M8 Steel steel cage nut
	3.3 – 4.7		KALM08-14,0SS3,3-4,7			16.5					M8 Steel steel cage nut
	4.8 – 6.2		KALM08-14,0SS4,8-6,2			18					M8 Steel steel cage nut
M10	0.7 – 1.7		KALM10-14,0SS0,7-1,7			13.5					M10 Steel steel cage nut
	1.8 – 3.2		KALM10-14,0SS1,8-3,2			15					M10 Steel steel cage nut
	3.3 – 4.7		KALM10-14,0SS3,3-4,7			16.5					M10 Steel steel cage nut
	4.8 – 6.2		KALM10-14,0SS4,8-6,2			18					M10 Steel steel cage nut
M12	0.7 – 1.7		KALM12-14,0SS0,7-1,7			13.5					M12 Steel steel cage nut
	1.8 – 3.2		KALM12-14,0SS1,8-3,2			15					M12 Steel steel cage nut
	3.3 – 4.7		KALM12-14,0SS3,3-4,7			16.5					M12 Steel steel cage nut
	4.8 – 6.2		KALM12-14,0SS4,8-6,2			18					M12 Steel steel cage nut

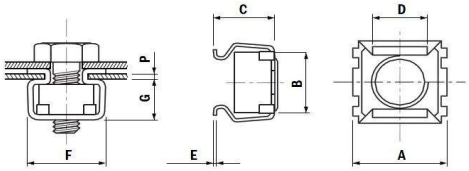
KALMmm-hh,hISg,g-g,g INOX/Steel cage nut

mm: metrical thread

hh,h: size of square

IS: INOX cage, steel nut

g,g-g,g: thickness of sheet from... to...



Thread M	P: Thickness of sheet [mm]	Size of square	Part no.	Sizes/ Proportions [mm]							Description
				A ± 0.6	B ± 0.5	C ± 0.3	D ± 0.3	E	F ± 0.3	G ± 0.1	
M3	0.3 – 0.9	5,3 ± 0,2	KALM03- 5,3IS0,3-0,9	9.8	9.3	5.4	4.8	0.3	9.8	3.7	M3 INOX steel cage nut
	1.0 – 1.6		KALM03- 5,3IS1,0-1,6			6.1					M3 INOX steel cage nut
	1.7 – 2.3		KALM03- 5,3IS1,7-2,3			6.8					M3 INOX steel cage nut
	2.4 – 3.1		KALM03- 5,3IS2,4-3,1			7.6					M3 INOX steel cage nut
M4	0.3 – 0.9		KALM04- 5,3IS0,3-0,9			5.4					M4 INOX steel cage nut
	1.0 – 1.6		KALM04- 5,3IS1,0-1,6			6.1					M4 INOX steel cage nut
	1.7 – 2.3		KALM04- 5,3IS1,7-2,3			6.8					M4 INOX steel cage nut
	2.4 – 3.1		KALM04- 5,3IS2,4-3,1			7.6					M4 INOX steel cage nut
M5	0.3 – 0.9		KALM05- 5,3IS0,3-0,9			5.4					M5 INOX steel cage nut
	1.0 – 1.6		KALM05- 5,3IS1,0-1,6			6.1					M5 INOX steel cage nut
	1.7 – 2.3		KALM05- 5,3IS1,7-2,3			6.8					M5 INOX steel cage nut
	2.4 – 3.1		KALM05- 5,3IS2,4-3,1			7.6					M5 INOX steel cage nut
M3	0.7 – 1.6	6,7 ±0,2	KALM03- 6,7IS0,7-1,6	10.5	10	7.2	5.8	0.45	10.5	5	M3 Steel steel cage nut
	1.7 – 2.6		KALM03- 6,7IS1,7-2,6			8.2					M3 Steel steel cage nut
M4	0.7 – 1.6		KALM04- 6,7IS0,7-1,6			7.2					M4 Steel steel cage nut
	1.7 – 2.6		KALM04- 6,7IS1,7-2,6			8.2					M4 Steel steel cage nut
M5	0.7 – 1.6		KALM05- 6,7IS0,7-1,6			7.2					M5 Steel steel cage nut
	1.7 – 2.6		KALM05- 6,7IS1,7-2,6			8.2					M5 Steel steel cage nut
M4	0.3 – 1.1	8,3 ± 0,2	KALM04- 8,3IS0,3-1,1	12.2	12	7.5	7.2	0.45	12.5	6	M4 Steel steel cage nut
	1.2 – 1.6		KALM04- 8,3IS1,2-1,6			8.3					M4 Steel steel cage nut
	1.7 – 2.5		KALM04- 8,3IS1,7-2,5			9.10					M4 Steel steel cage nut
	2.6 – 3.5		KALM04- 8,3IS2,6-3,5			10.10					M4 Steel steel cage nut
	3.6 – 4.5		KALM04- 8,3IS3,6-4,5			11,0					M4 Steel steel cage nut
M5	0.3 – 1.1		KALM05- 8,3IS0,3-1,1			7.5					M5 Steel steel cage nut
	1.2 – 1.6		KALM05- 8,3IS1,2-1,6			8.3					M5 Steel steel cage nut
	1.7 – 2.5		KALM05- 8,3IS1,7-2,5			9.10					M5 Steel steel cage nut
	2.6 – 3.5		KALM05- 8,3IS2,6-3,5			10.10					M5 Steel steel cage nut
	3.6 – 4.5		KALM05- 8,3IS3,6-4,5			11					M5 Steel steel cage nut
M6	0.3 – 1.1		KALM06- 8,3IS0,3-1,1			7.5					M6 Steel steel cage nut
	1.2 – 1.6		KALM06- 8,3IS1,2-1,6			8.3					M6 Steel steel cage nut
	1.7 – 2.5		KALM06- 8,3IS1,7-2,5			9.10					M6 Steel steel cage nut
	2.6 – 3.5		KALM06- 8,3IS2,6-3,5			10.10					M6 Steel steel cage nut
	3.6 – 4.5		KALM06- 8,3IS3,6-4,5			11					M6 Steel steel cage nut
M4	0.7 – 1.6	9,5 ± 0,2	KALM04-9,5IS0,7-1,6	13.2	12.8	8.3	7.7	0.45	13.3	6.0	M4 Steel steel cage nut
	1.7 – 2.6		KALM04- 9,5IS1,7-2,6			9.5					M4 Steel steel cage nut
	2.7 – 3.5		KALM04- 9,5IS2,7-3,5			10.2					M4 Steel steel cage nut
M5	0.7 – 1.6		KALM05-9,5IS0,7-1,6			8.3					M5 Steel steel cage nut
	1.7 – 2.6		KALM05- 9,5IS1,7-2,6			9.5					M5 Steel steel cage nut
	2.7 – 3.5		KALM05- 9,5IS2,7-3,5			10.2					M5 Steel steel cage nut
M6	0.7 – 1.6		KALM06-9,5IS0,7-1,6			8.3					M6 Steel steel cage nut
	1.7 – 2.6		KALM06- 9,5IS1,7-2,6			9.5					M6 Steel steel cage nut
	2.7 – 3.5		KALM06- 9,5IS2,7-3,5			10.2					M6 Steel steel cage nut
M6	0,7 – 1.7	12,3 ± 0,2	KALM06-12,3IS0,7-1,7	16,5	16	10,4	7,5	0,6	17,5	7,6	M6 Steel steel cage nut
	1.8 – 3.1		KALM06-12,3IS1,8-3,1			12,0					M6 Steel steel cage nut
	3.2 – 4.3		KALM06-12,3IS3,2-4,3			13,0					M6 Steel steel cage nut
M8	0,7 – 1.7		KALM08-12,3IS0,7-1,7			10,4					M8 Steel steel cage nut
	1.8 – 3.1		KALM08-12,3IS1,8-3,1			12,0					M8 Steel steel cage nut
	3.2 – 4.3		KALM08-12,3IS3,2-4,3			13,0					M8 Steel steel cage nut
M10	0,7 – 1.7		KALM10-12,3IS0,7-1,7			10,4					M10 Steel steel cage nut
	1.8 – 3.1		KALM10-12,3IS1,8-3,1			12,0					M10 Steel steel cage nut
	3.2 – 4.3		KALM10-12,3IS3,2-4,3			13,0					M10 Steel steel cage nut
M6	0,7 – 1.7	12,3 ± 0,2	KALM06-12,3IS0,7-1,7	16.6	16.4	9.7	8.5	0.5	16.6	7.2	M6 Steel steel cage nut
	1.8 – 3.2		KALM06-12,3IS1,8-3,2			11.4					M6 Steel steel cage nut
	3.3 – 4.7		KALM06-12,3IS3,3-4,7			12.8					M6 Steel steel cage nut
	4.8 – 6.2		KALM06-12,3IS4,8-6,2			14					M6 Steel steel cage nut
M8	0,7 – 1.7		KALM08-12,3IS0,7-1,7			9.7					M8 Steel steel cage nut
	1.8 – 3.2		KALM08-12,3IS1,8-3,2			11.4					M8 Steel steel cage nut
	3.3 – 4.7		KALM08-12,3IS3,3-4,7			12.8					M8 Steel steel cage nut
	4.8 – 6.2		KALM08-12,3IS4,8-6,2			14					M8 Steel steel cage nut
	0,7 – 1.7		KALM10-12,3IS0,7-1,7			9.7					M10 Steel steel cage nut

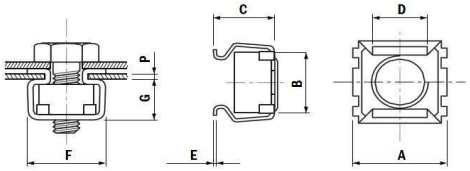
KALMmm-hh,hISg,g-g,g INOX/Steel cage nut

mm: metrical thread

hh,h: size of square

IS: INOX cage, steel nut

g,g-g,g: thickness of sheet from... to...



Thread M	P: Thickness of sheet [mm]	Size of square	Part no.	Sizes/ Proportions [mm]							Description
				A ± 0.6	B ± 0.5	C ± 0.3	D ± 0.3	E	F ± 0.3	G ± 0.1	
M10	1.8 – 3.2		KALM10-12,3IS1,8-3,2			11.4					M10 Steel steel cage nut
	3.3 – 4.7		KALM10-12,3IS3,3-4,7			12.8					M10 Steel steel cage nut
	4.8 – 6.2		KALM10-12,3IS4,8-6,2			14					M10 Steel steel cage nut
M8	0,7 – 1.7	14 ± 0,2	KALM08-14,0IS0,7-1,7	20	19.4	13.5	12.6	0.6	20.5	10.4	M8 Steel steel cage nut
	1.8 – 3.2		KALM08-14,0IS1,8-3,2			15					M8 Steel steel cage nut
	3.3 – 4.7		KALM08-14,0IS3,3-4,7			16.5					M8 Steel steel cage nut
	4.8 – 6.2		KALM08-14,0IS4,8-6,2			18					M8 Steel steel cage nut
M10	0,7 – 1.7		KALM10-14,0IS0,7-1,7			13.5					M10 Steel steel cage nut
	1.8 – 3.2		KALM10-14,0IS1,8-3,2			15					M10 Steel steel cage nut
	3.3 – 4.7		KALM10-14,0IS3,3-4,7			16.5					M10 Steel steel cage nut
	4.8 – 6.2		KALM10-14,0IS4,8-6,2			18					M10 Steel steel cage nut
M12	0,7 – 1.7		KALM12-14,0IS0,7-1,7			13.5					M12 Steel steel cage nut
	1.8 – 3.2		KALM12-14,0IS1,8-3,2			15					M12 Steel steel cage nut
	3.3 – 4.7		KALM12-14,0IS3,3-4,7			16.5					M12 Steel steel cage nut
	4.8 – 6.2		KALM12-14,0IS4,8-6,2			18					M12 Steel steel cage nut

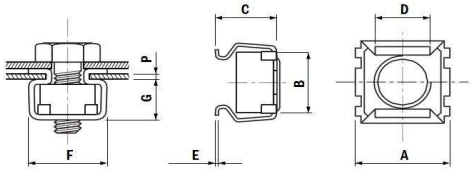
KALMmm-hh,hIIg,g-g,g INOX/INOX cage nut

mm: metrical thread

hh,h: size of square

II: INOX cage, INOX nut

g,g-g,g: thickness of sheet from... to...



Thread M	P: Thickness of sheet [mm]	Size of square	Part no.	Sizes/ Proportions [mm]							Description
				A ± 0.6	B ± 0.5	C ± 0.3	D ± 0.3	E	F ± 0.3	G ± 0.1	
M3	0.3 – 0.9	5,3 ± 0,2	KALM03- 5,3II0,3-0,9	9.8	9.3	5.4	4.8	0.3	9.8	3.7	M3 INOX INOX cage nut
	1.0 – 1.6		KALM03- 5,3II1,0-1,6			6.1					M3 INOX INOX cage nut
	1.7 – 2.3		KALM03- 5,3II1,7-2,3			6.8					M3 INOX INOX cage nut
	2.4 – 3.1		KALM03- 5,3II2,4-3,1			7.6					M3 INOX INOX cage nut
M4	0.3 – 0.9		KALM04- 5,3II0,3-0,9			5.4					M4 INOX INOX cage nut
	1.0 – 1.6		KALM04- 5,3II1,0-1,6			6.1					M4 INOX INOX cage nut
	1.7 – 2.3		KALM04- 5,3II1,7-2,3			6.8					M4 INOX INOX cage nut
	2.4 – 3.1		KALM04- 5,3II2,4-3,1			7.6					M4 INOX INOX cage nut
M5	0.3 – 0.9		KALM05- 5,3II0,3-0,9			5.4					M5 INOX INOX cage nut
	1.0 – 1.6		KALM05- 5,3II1,0-1,6			6.1					M5 INOX INOX cage nut
	1.7 – 2.3		KALM05- 5,3II1,7-2,3			6.8					M5 INOX INOX cage nut
	2.4 – 3.1		KALM05- 5,3II2,4-3,1			7.6					M5 INOX INOX cage nut
M3	0.7 – 1.6	6,7 ±0,2	KALM03- 6,7II0,7-1,6	10.5	10,5	7.2	5.8	0.45	10.5	5	M3 INOX INOX cage nut
	1.7 – 2.6		KALM03- 6,7II1,7-2,6			8.2					M3 INOX INOX cage nut
M4	0.7 – 1.6		KALM04- 6,7II0,7-1,6			7.2					M4 INOX INOX cage nut
	1.7 – 2.6		KALM04- 6,7II1,7-2,6			8.2					M4 INOX INOX cage nut
M5	0.7 – 1.6		KALM05- 6,7II0,7-1,6			7.2					M5 INOX INOX cage nut
	1.7 – 2.6		KALM05- 6,7II1,7-2,6			8.2					M5 INOX INOX cage nut
M4	0.3 – 1.1	8,3 ± 0,2	KALM04- 8,3II0,3-1,1	12.2	12	7.5	7.2	0.45	12.5	6	M4 INOX INOX cage nut
	1.2 – 1.6		KALM04- 8,3II1,2-1,6			8.3					M4 INOX INOX cage nut
	1.7 – 2.5		KALM04- 8,3II1,7-2,5			9.10					M4 INOX INOX cage nut
	2.6 – 3.5		KALM04- 8,3II2,6-3,5			10.10					M4 INOX INOX cage nut
	3.6 – 4.5		KALM04- 8,3II3,6-4,5			11,0					M4 INOX INOX cage nut
M5	0.3 – 1.1		KALM05- 8,3II0,3-1,1			7.5					M5 INOX INOX cage nut
	1.2 – 1.6		KALM05- 8,3II1,2-1,6			8.3					M5 INOX INOX cage nut
	1.7 – 2.5		KALM05- 8,3II1,7-2,5			9.10					M5 INOX INOX cage nut
	2.6 – 3.5		KALM05- 8,3II2,6-3,5			10.10					M5 INOX INOX cage nut
	3.6 – 4.5		KALM05- 8,3II3,6-4,5			11					M5 INOX INOX cage nut
M6	0.3 – 1.1		KALM06- 8,3II0,3-1,1			7.5					M6 INOX INOX cage nut
	1.2 – 1.6		KALM06- 8,3II1,2-1,6			8.3					M6 INOX INOX cage nut
	1.7 – 2.5		KALM06- 8,3II1,7-2,5			9.10					M6 INOX INOX cage nut
	2.6 – 3.5		KALM06- 8,3II2,6-3,5			10.10					M6 INOX INOX cage nut
	3.6 – 4.5		KALM06- 8,3II3,6-4,5			11					M6 INOX INOX cage nut
M4	0.7 – 1.6	9,5 ± 0,2	KALM04-9,5II0,7-1,6	13.2	12.8	8.3	7.7	0.45	13.6	6	M4 INOX INOX cage nut
	1.7 – 2.6		KALM04- 9,5II1,7-2,6			9.5					M4 INOX INOX cage nut
	2.7 – 3.5		KALM04- 9,5II2,7-3,5			10.2					M4 INOX INOX cage nut
M5	0.7 – 1.6		KALM05-9,5II0,7-1,6			8.3					M5 INOX INOX cage nut
	1.7 – 2.6		KALM05- 9,5II1,7-2,6			9.5					M5 INOX INOX cage nut
	2.7 – 3.5		KALM05- 9,5II2,7-3,5			10.2					M5 INOX INOX cage nut
M6	0.7 – 1.6		KALM06-9,5II0,7-1,6			8.3					M6 INOX INOX cage nut
	1.7 – 2.6		KALM06- 9,5II1,7-2,6			9.5					M6 INOX INOX cage nut
	2.7 – 3.5		KALM06- 9,5II2,7-3,5			10.2					M6 INOX INOX cage nut

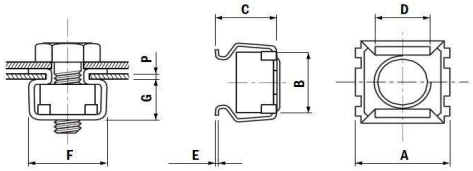
KALMmm-hh,hIIg,g-g,g INOX/INOX cage nut

mm: metrical thread

hh,h: size of square

II: INOX cage, INOX nut

g,g-g,g: thickness of sheet from... to...

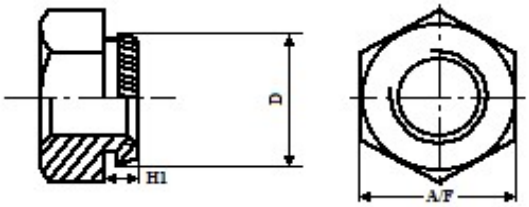


Thread M	P: Thickness of sheet [mm]	Size of square	Part no.	Sizes/ Proportions [mm]							Description
				A ± 0.6	B ± 0.5	C ± 0.3	D ± 0.3	E	F ± 0.3	G ± 0.1	
M6	0,7 – 1.7	12,3 ± 0,2	KALM06-12,3II0,7-1,7	16.6	16.4	9.7	8.5	0.5	16.6	7.2	M6 INOX INOX cage nut
	1.8 – 3.2		KALM06-12,3II1,8-3,2			11.4					M6 INOX INOX cage nut
	3.3 – 4.7		KALM06-12,3II3,3-4,7			12.8					M6 INOX INOX cage nut
	4.8 – 6.2		KALM06-12,3II4,8-6,2			14					M6 INOX INOX cage nut
M8	0,7 – 1.7		KALM08-12,3II0,7-1,7			9.7					M8 INOX INOX cage nut
	1.8 – 3.2		KALM08-12,3II1,8-3,2			11.4					M8 INOX INOX cage nut
	3.3 – 4.7		KALM08-12,3II3,3-4,7			12.8					M8 INOX INOX cage nut
	4.8 – 6.2		KALM08-12,3II4,8-6,2			14					M8 INOX INOX cage nut
M10	0,7 – 1.7		KALM10-12,3II0,7-1,7			9.7					M10 INOX INOX cage nut
	1.8 – 3.2		KALM10-12,3II1,8-3,2			11.4					M10 INOX INOX cage nut
	3.3 – 4.7		KALM10-12,3II3,3-4,7			12.8					M10 INOX INOX cage nut
	4.8 – 6.2		KALM10-12,3II4,8-6,2			14					M10 INOX INOX cage nut
M6	0,7 – 1.7	12,3 ± 0,2	KALM06-12,3II0,7-1,7	16.5	16,0	9.7	7,5	0,6	17,5	7,6	M6 INOX INOX cage nut
	1.8 – 3.2		KALM06-12,3II1,8-3,2			11.4					M6 INOX INOX cage nut
	3.3 – 4.7		KALM06-12,3II3,3-4,7			12.8					M6 INOX INOX cage nut
	4.8 – 6.2		KALM06-12,3II4,8-6,2			14					M6 INOX INOX cage nut
M8	0,7 – 1.7		KALM08-12,3II0,7-1,7			9.7					M8 INOX INOX cage nut
	1.8 – 3.2		KALM08-12,3II1,8-3,2			11.4					M8 INOX INOX cage nut
	3.3 – 4.7		KALM08-12,3II3,3-4,7			12.8					M8 INOX INOX cage nut
	4.8 – 6.2		KALM08-12,3II4,8-6,2			14					M8 INOX INOX cage nut
M10	0,7 – 1.7		KALM10-12,3II0,7-1,7			9.7					M10 INOX INOX cage nut
	1.8 – 3.2		KALM10-12,3II1,8-3,2			11.4					M10 INOX INOX cage nut
	3.3 – 4.7		KALM10-12,3II3,3-4,7			12.8					M10 INOX INOX cage nut
	4.8 – 6.2		KALM10-12,3II4,8-6,2			14					M10 INOX INOX cage nut
M8	0,7 – 1.7	14 ± 0,2	KALM08-14,0II0,7-1,7	20	19.4	13.5	12.6	0.6	20.5	10.4	M8 INOX INOX cage nut
	1.8 – 3.2		KALM08-14,0II1,8-3,2			15					M8 INOX INOX cage nut
	3.3 – 4.7		KALM08-14,0II3,3-4,7			16.5					M8 INOX INOX cage nut
	4.8 – 6.2		KALM08-14,0II4,8-6,2			18					M8 INOX INOX cage nut
M10	0,7 – 1.7		KALM10-14,0II0,7-1,7			13.5					M10 INOX INOX cage nut
	1.8 – 3.2		KALM10-14,0II1,8-3,2			15					M10 INOX INOX cage nut
	3.3 – 4.7		KALM10-14,0II3,3-4,7			16.5					M10 INOX INOX cage nut
	4.8 – 6.2		KALM10-14,0II4,8-6,2			18					M10 INOX INOX cage nut
M12	0,7 – 1.7		KALM12-14,0II0,7-1,7			13.5					M12 INOX INOX cage nut
	1.8 – 3.2		KALM12-14,0II1,8-3,2			15					M12 INOX INOX cage nut
	3.3 – 4.7		KALM12-14,0II3,3-4,7			16.5					M12 INOX INOX cage nut
	4.8 – 6.2		KALM12-14,0II4,8-6,2			18					M12 INOX INOX cage nut

KAN-Mmm-lv Steel hexagonal body press nut (KALEI)

mm: metrical thread

lv: minimum thickness of sheet



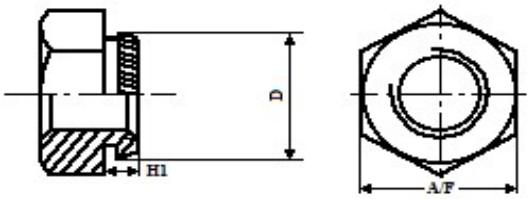
Thread M	Min Thickness of sheet [mm]	Drill hole Required	Part no.	Sizes/ Proportions [mm]			Description
				Side width	D +/- 0,13	H1 +0/-0,2	
M2,5	1,0	4,55	KAN-M2,5-1	5,5	4,7	0,9	M2,5 Steel hexagonal body press nut
	1,5	4,55	KAN-M2,5-1,5			1,4	M2,5 Steel hexagonal body clinching nut
M3	1,0	4,55	KAN-M3-1			0,9	M3 Steel Kalei nut
	1,5	4,55	KAN-M3-1,5			1,4	M3 Steel Kalei nut
	2,0	4,55	KAN-M3-2			1,8	M3 Steel nut
M4	1,0	5,55	KAN-M4-1	7,0	5,7	0,9	M4 Steel hexagonal body press nut
	1,5	5,55	KAN-M4-1,5			1,4	M4 Steel hexagonal body clinching nut
	2,0	5,55	KAN-M4-2			1,8	M4 Steel Kalei nut
M5	1,0	6,55	KAN-M5-1	8,0	6,75	0,9	M5 Steel Kalei nut
	1,5	6,55	KAN-M5-1,5			1,4	M5 Steel press nut
	2,0	6,55	KAN-M5-2			1,8	M5 Steel hexagonal body press nut
M6	1,0	8,05	KAN-M6-1	10,0	8,3	0,9	M6 Steel hexagonal body clinching nut
	1,5	8,05	KAN-M6-1,5			1,4	M6 Steel Kalei nut
	2,0	8,05	KAN-M6-2			1,8	M6 Steel Kalei nut
M8	2,0	10,05	KAN-M8-2	13,0	10,35	1,8	M8 steel nut
M10	2,0	12,55	KAN-M10-2	15,0	12,85	1,8	M10 Steel hexagonal body press nut
M12	3,0	14,55	KAN-M12-3	17,0	14,85	2,8	M12 hexagonal body clinching nut
M16	3,0	18,55	KAN-M12-3	22,0	18,85	2,4	M16 Steel Kalei nut
M20	4,0	23,05	KAN-M12-3	27,0	23,4	3,9	M20 Steel Kalei nut

KAN-Mmm-lv A1 Stainless steel (INOX) hexagonal body press nut (KALEI)

mm: metrical thread

lv: minimum thickness of sheet

A1: Stainless steel (INOX)



Thread M	Min Thickness of sheet [mm]	Drill hole Required	Part no.	Sizes/ Proportions [mm]			Description
				Side width	D	H1	
M2,5	1,0	4,5	KAN-M2,5-1 A1	5,5	4,7	0,9	M2,5 INOX Kalei nut
M2,5	1,5	4,5	KAN-M2,5-1,5 A1	5,5	4,7	1,4	M2,5 INOX hexagonal body press nut
M2,5	2,0	4,5	KAN-M2,5-12A1	5,5	4,7	1,8	M2,5 Kalei stainless steel nut
M3	1,0	4,5	KAN-M3-1 A1	5,5	4,7	0,9	M3 INOX hexagonal body clinching nut
M3	1,5	4,5	KAN-M3-1,5 A1	5,5	4,7	1,4	M3 stainless steel nut
M3	2,0	4,5	KAN-M3-2 A1	5,5	4,7	1,8	M3 INOX Kalei nut
M4	1,0	5,5	KAN-M4-1 A1	7,0	5,7	0,9	M4 INOX hexagonal body press nut
M4	1,5	5,5	KAN-M4-1,5 A1	7,0	5,7	1,4	M4 Kalei stainless steel nut
M4	2,0	5,5	KAN-M4-2 A1	7,0	5,7	1,8	M4 INOX hexagonal body clinching nut
M5	1,0	6,5	KAN-M5-1 A1	8,0	6,75	0,9	M5 stainless steel nut
M5	1,5	6,5	KAN-M5-1,5 A1	8,0	6,75	1,4	M5 INOX Kalei nut
M5	2,0	6,5	KAN-M5-1 A1	8,0	6,75	1,8	M5 INOX hexagonal body press nut
M6	1,0	8,0	KAN-M6-1 A1	10,0	8,3	0,9	M6 Kalei stainless steel nut
M6	1,5	8,0	KAN-M6-1,5 A1	10,0	8,3	1,4	M6 INOX hexagonal body clinching nut
M6	2,0	8,0	KAN-M6-2 A1	10,0	8,3	1,8	M6 stainless steel nut
M8	2,0	10,0	KAN-M8-2 A1	13,0	10,3	1,8	M8 INOX Kalei nut
M10	2,0	12,5	KAN-M10-2 A1	15,0	12,85	1,8	M10 INOX hexagonal body press nut
M12	3,0	14,5	KAN-M12-3 A1	17,0	14,85	2,8	M12 Kalei stainless steel nut
M16	3,0	18,5	KAN-M16-3 A1	22,0	18,85	2,4	M16 INOX hexagonal body clinching nut
M20	4,0	23,0	KAN-M20-4 A1	27,0	23,4	3,9	M20 stainless steel nut