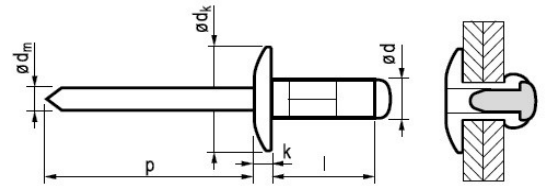


1002

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.	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	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	1600	1150	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	2350	1500	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