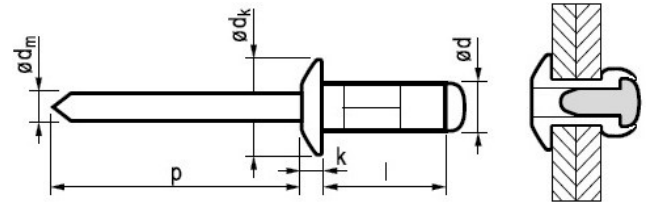


1001 AL-ST Hole filling rivet with dome head (PLIA, multigrip, vibration resistant, higher strength)

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

