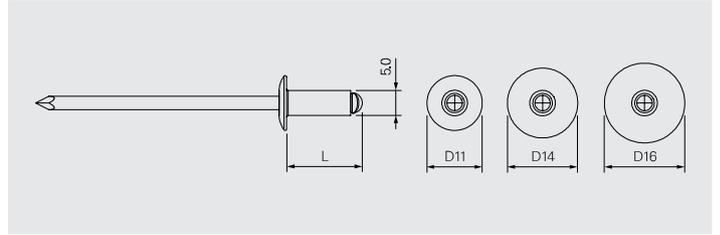
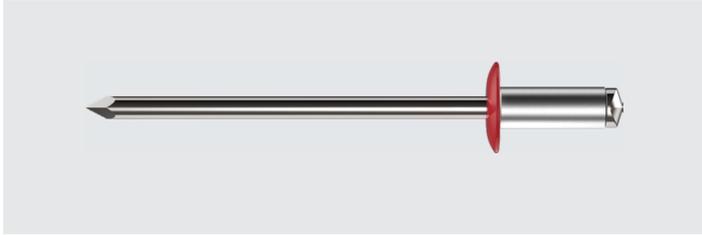


AP-5.0

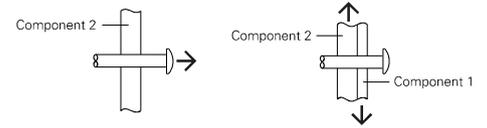


Specification AP-5.0

Body: Aluminium AlMg5
Mandrel: Stainless steel A2

Pre-drill Ø Component 1+2: 5.1 mm

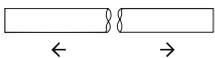
Performance



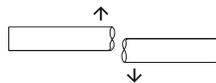
Component 2			Component 1			Tension		Shear	
Material	$R_{m,min}$	t_{tl}	Material	$R_{m,min}$	t	resistance [N]	N_{Rk}	resistance [N]	V_{Rk}
Aluminium	215 N/mm ²	1.20	Aluminium	215 N/mm ²	2.0	880	1980	1980	1980
		1.50				1230			
		≥2.0				1560			
	165 N/mm ²	1.20		165 N/mm ²		670			
		1.50				940			
		≥2.0				1370			

Shear resistance values reached after a displacement of max. 3.0 mm

Essential characteristics



Tensile breaking load Zb
3600 N



Shear breaking load Qb
2200 N

R_m : Tensile strength
 R_k : Characteristic resistance of fastenings

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. All measures in mm.
ETA-21/0951, LA20120262 Zb, Qb