

Area of Application

ESSVE Blind rivet is a very useful fastener that gives designers immense variation opportunities in product design and material selection.

Description

ESSVE Blind rivet is easy to fit using hand tools or pneumatic tools, it gives a strong, vi-

bration-proof joint with low-on-site costs.

Installation

ESSVE Blind rivet is mounted from one side of the work piece, in drilled or punched holes that should be approx. 0.1 mm larger than the rivet diameter.

Ø mm	Shear stress N	Tensile load N
3.2	500	700
4.0	850	1200
4.8	1200	1700
5.0	1400	2000
6.4	2200	3150

All strength data are average values and are produced from test series and rivet quantity. We recommend that you use these values only as a guide, since many factors other than strength values can affect the riveting result. We recommend that you also test the rivet in your own application to determine the exact function.

Specification

	Rivets	Mandrel
Material	Aluminium EN AW 5154	Bright galvanised steel
Corrosion categories	C2	

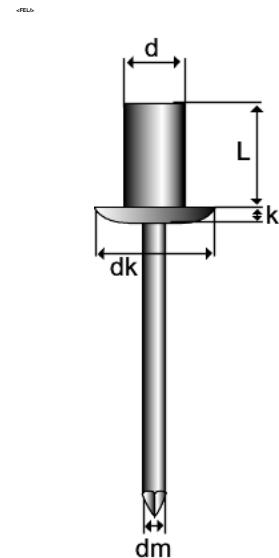
Pressure tight blind rivet alu/steel, pan head

Ø mm	Shear stress N	Tensile load N
3.2	700	1100
4.0	1600	2200
4.8	2230	3100
6.4	4000	4900

All strength data are average values and are produced from test series and rivet quantity. We recommend that you use these values only as a guide, since many factors other than strength values can affect the riveting result. We recommend that you also test the rivet in your own application to determine the exact function.

Type ALT DIN 7337

Item no.	Dimension d x L mm		Grip area mm	dk mm	k mm	dm mm	Rec. drill mm	ESSBOX size	Qty/pack.	Pack. / large pack.
	d	L								
62801	3.2	6.5	0.5 - 2.0	6.2	1.0	1.7	3.3	204	750	6
62803	3.2	8.0	1.5 - 3.5	6.2	1.0	1.7	3.3	204	800	6
62805	3.2	9.5	3.0 - 5.0	6.2	1.0	1.7	3.3	204	775	6
62807	3.2	11.0	4.5 - 6.5	6.2	1.0	1.7	3.3	204	750	6
62809	3.2	12.5	6.0 - 8.0	6.2	1.0	1.7	3.3	204	725	6
62811	4.0	8.0	0.5 - 3.5	7.5	1.4	2.2	4.1	204	550	6
62813	4.0	9.5	3.0 - 5.0	7.5	1.4	2.2	4.1	204	525	6
62815	4.0	11.0	4.5 - 6.5	7.5	1.4	2.2	4.1	204	475	6



Item no.	Dimension d x L mm	Grip area mm	dk mm	k mm	dm mm	Rec. drill mm	ESSBOX size	Qty/ pack.	Pack. / large pack.
62817	4.0 × 12.5	6.0 - 8.0	7.5	1.4	2.2	4.1	204	425	6
62819	4.8 × 8.5	0.5 - 3.5	9.5	1.7	2.6 3	4.9	304	650	4
62821	4.8 × 9.5	3.0 - 5.0	9.5	1.7	2.6 3	4.9	304	625	4
62823	4.8 × 11.0	4.5 - 6.5	9.5	1.7	2.6 3	4.9	304	600	4
62825	4.8 × 13.0	6.0 - 8.0	9.5	1.7	2.6 3	4.9	304	550	4
62827	4.8 × 14.5	7.5 - 9.5	9.5	1.7	2.6 3	4.9	304	525	4
62829	4.8 × 18.0	10.5 - 13.0	9.5	1.7	2.6 3	4.9	304	575	4
62831	4.8 × 21.0	12.5 - 16.0	9.5	1.7	2.6 3	4.9	304	350	4
62833	6.4 × 12.5	1.5 - 6.5	12. 8	2.3	3.6 5	6.5	304	250	4
62835	6.4 × 15.5	3.5 - 9.5	12. 8	2.3	3.6 5	6.5	304	300	4