

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.

Specification

	Rivets	Mandrel
Material	Bright galvanised steel	Bright galvanised steel
Corrosion categories	C1	

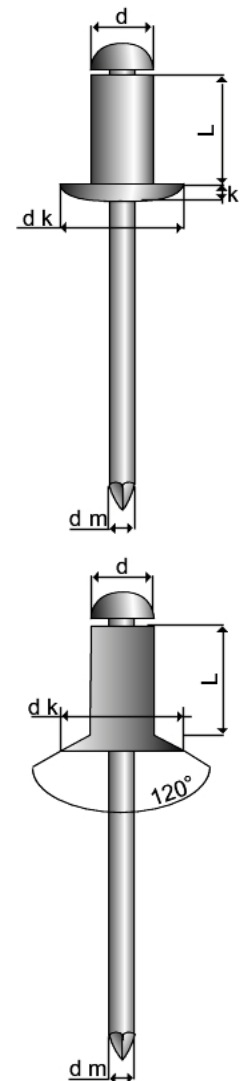
Open blind rivet steel/steel, pan head

Ø mm	Shear stress N	Tensile load N
3.0	950	1100
3.2	1100	1200
4.0	1700	2200
4.8	2900	3100
5.0	3100	4000
6.0	4300	4800
6.4	4900	5700

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 AC/ST 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.
65501	3.0 x 6.0	0.5 - 3.5	6.5	0.8	1.9	3.1	204	925	6
65503	3.0 x 8.0	3.0 - 5.5	6.5	0.8	1.9	3.1	204	800	6
65505	3.2 x 6.0	1.5 - 3.5	6.5	0.8	1.9	3.3	204	875	6
65507	3.2 x 8.0	3.0 - 5.5	6.5	0.8	1.9	3.3	204	825	6
65509	3.2 x 10.0	5.0 - 7.5	6.5	0.8	1.9	3.3	204	800	6
65511	3.2 x 12.0	7.0 - 9.0	6.5	0.8	1.9	3.3	204	750	6
65573	3.2 x 16.0	8.5 - 12.5	6.5	0.8	1.9	3.3	204	625	6
65513	4.0 x 6.0	0.5 - 3.5	8.0	1.0	2.4	4.1	204	650	6
65515	4.0 x 8.0	3.0 - 5.5	8.0	1.0	2.4	4.1	204	625	6
65517	4.0 x 10.0	5.0 - 7.0	8.0	1.0	2.4	4.1	204	575	6
65519	4.0 x 12.0	6.5 - 9.0	8.0	1.0	2.4	4.1	204	500	6
65521	4.0 x 16.0	9.0 - 12.5	8.0	1.0	2.4	4.1	304	700	4
65523	4.8 x 6.0	1.0 - 2.5	9.5	1.2	2.9	4.9			
65525	4.8 x 8.0	2.5 - 4.5	9.5	1.2	2.9	4.9	304	675	4
65527	4.8 x 10.0	4.0 - 6.5	9.5	1.2	2.9	4.9	304	650	4
65529	4.8 x 12.0	6.0 - 8.5	9.5	1.2	2.9	4.9	304	625	4
65531	4.8 x 16.0	8.0 - 12.0	9.5	1.2	2.9	4.9	304	525	4
65533	4.8 x 20.0	11.0 - 15.0	9.5	1.2	2.9	4.9	204	250	6
65535	4.8 x 25.0	14.5 - 20.0	9.5	1.2	2.9	4.9	204	200	6
65537	5.0 x 8.0	2.5 - 4.5	9.5	1.2	2.9	5.1	304	700	4
65539	5.0 x 10.0	4.0 - 6.5	9.5	1.2	2.9	5.1	304	650	4



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.
65541	5.0 x 12.0	6.0 - 8.5	9.5	1.2	2.9	5.1	304	625	4
65543	5.0 x 16.0	8.0 - 12.0	9.5	1.2	2.9	5.1	304	600	4
65545	5.0 x 20.0	11.0 - 15.0	9.5	1.2	2.9	5.1	204	225	6
65567	5.0 x 35.0	25.0 - 30.0	9.5	1.2	2.9	5.1	304	200	4
65547	6.0 x 12.0	2.0 - 5.5	12.0	1.5	3.4	6.1	204	225	6
65549	6.0 x 16.0	4.0 - 7.5	12.0	1.5	3.4	6.1	304	325	4
65553	6.4 x 10.0	3.0 - 6.0	12.5	1.8	3.8	6.5	204	200	6
65555	6.4 x 12.0	3.5 - 7.5	12.5	1.8	3.8	6.5	304	300	4
65557	6.4 x 16.0	6.0 - 11.5	12.5	1.8	3.8	6.5	304	275	4
65559	6.4 x 18.0	8.0 - 13.0	12.5	1.8	3.8	6.5	304	250	4
65561	6.4 x 20.0	9.0 - 14.5	12.5	1.8	3.8	6.5	304	225	4
65563	6.4 x 25.0	13.0 - 19.5	12.5	1.8	3.8	6.5	304	200	4

**Open blind rivet steel/steel, pan head.
Painted**

Type AC/ST DIN 7337

Item no.	Dimension d x L mm	Grip area mm	dk mm	dm mm	Rec. drill mm	Co- lour	ESSBOX size	Qty/ pack.	Pack./ large pack.
65569	3.2 x 8.0	3.0 - 5.5	6.0	1.92	3.3	White	204	825	6
65571	3.2 x 10.0	5.0 - 7.5	6.0	1.92	3.3	White	204	800	6

Open blind rivet, steel/steel counter-sunk head

Type AC/ST DIN 7337

Item no.	Dimension d x L mm	Grip area mm	dk mm	dm mm	Rec. drill mm	ESSBOX size	Qty/ pack.	Pack./ large pack.
65580	4.0 x 12.0	6.5 - 8.5	7.5	2.5	4.1	204	500	6