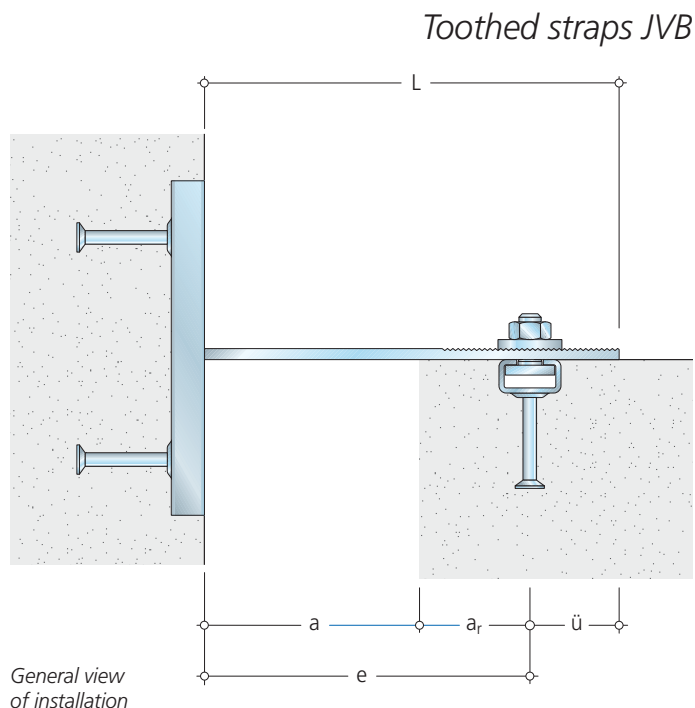


JORDAHL® toothed straps JVB-Z



**JORDAHL® toothed straps**

JORDAHL® toothed straps JVB-Z and JVB-ZS produce joints between two components:

- Type JVB-Z with hammer head for joints loaded only in tension,
- Type JVB-ZS with welded-on JORDAHL® bolt for transmitting tensile and compressive forces.

Exact, three-dimensional alignment of the fixing is ensured by arrangement between a vertical and a horizontal JORDAHL® anchor channel (minimum length 150 mm). At the time of installation care must be

taken that the straps rest square on the anchor channel and component.

**Variants supplied**

- JORDAHL® toothed straps as
- Type JVB-Z (toothed) with matching plate or
  - Type JVB-ZS (toothed) with matching plate, bolt, washer and nut.

**Material**

JORDAHL® toothed straps are supplied alternatively in electro-galvanized steel or stainless steel 1.4571/1.4404 (A4).

**Order example**  
JORDAHL® toothed straps JVB-Z, series 12, for wall spacing  $a = 40$  mm

JVB - 115 - Z/12  
Type Length I Series

perm. F [kN] <i>F<sub>Rd</sub></i> [kN]	Type JVB-Z	Type JVB-ZS	Area of use,		Dimensions [mm]			Fixing anchor channels (①+②) bolt	Edge spacing $a_r$ [mm]
			Axial spacing $e \pm 20$ [mm]	Wall spacing $a$ [mm]	Plate length $L = a + a_r + \ddot{u}$	Protrusion $\ddot{u}$	Slot LL		
3.5 <i>4.9</i>	JVB- 90-Z/12 JVB-115-Z/12 JVB-140-Z/12 JVB-165-Z/12 JVB-190-Z/12 JVB-215-Z/12 JVB-240-Z/12	— JVB-115-ZS/12 JVB-140-ZS/12 JVB-165-ZS/12 JVB-190-ZS/12 JVB-215-ZS/12 —	50 75 100 125 150 175 200	0– 20 5– 45 30– 70 55– 95 80–120 105–145 130–170	90 115 140 165 190 215 240	40	LL 11×55	JTA-K 28/15 JD M 10×30	50
7.0 <i>9.8</i>	JVB-115-Z/18 JVB-140-Z/18 JVB-165-Z/18 JVB-190-Z/18 JVB-215-Z/18 JVB-240-Z/18	— JVB-140-ZS/18 JVB-165-ZS/18 JVB-190-ZS/18 JVB-215-ZS/18 —	75 100 125 150 175 200	0– 20 5– 45 30– 70 55– 95 80–120 105–145	115 140 165 190 215 240	40	LL 13×55	JTA-K 38/17 JH M 12×50	75

Design resistance to Eurocode  
 **$F_{Rd} = perm. F \times 1.4$**   
The design values of the load bearing capacities are shown in *italics* in the tables.