

Expansion plug ISP

Load table

Highest recommended loads¹⁾²⁾³⁾ of a single anchor.

Type	Concrete $\geq$ C20/25 $F_{rec}^{4)}$ [kN]	Solid brick $\geq$ Mz 12 $F_{rec}^{4)}$ [kN]	Solid sand-lime brick $\geq$ KS 12 $F_{rec}^{4)}$ [kN]
ISP 5	0,28	0,24	0,24
ISP 6	0,40	0,28	0,28
ISP 8	0,60	0,50	0,55
ISP 10	1,10	5)	5)
ISP 12	1,50	5)	5)
ISP 14	1,85	5)	5)

¹⁾ Safety factor requirement considered.

²⁾ Load values apply to the largest screw diameter.

³⁾ For anchorages close to the edge, it is recommended to orient the anchor with the expansion direction parallel to the edge of the component.

⁴⁾ Valid for tension, shear, and oblique loads at any angle.

⁵⁾ Due to failure of the substrate varies too much no reproducible values can be given.