

L0 Frame anchor fastener Ø10



AT-15-8976/2012



Description

Universal metal fixing for frames, steel woodwork fittings - boards, to be used with plastic cover cap (concealed connection) in a variety of colours

Technical data

Type of installation	push-through installation
Substrate	concrete, solid clay brick, calcium silicate brick, autoclaved aerated concrete

Sleeve material/protective coating

Blue
zinc

Features and advantages of the product



Countersunk head with PZ drive

Countersunk head ensures its correct sinking in the installed element. Commonly used PZ drive also makes installation easier.



Expansion in the installed element

Plug expansion in the element being installed ensures a tight fixing in the substrate.

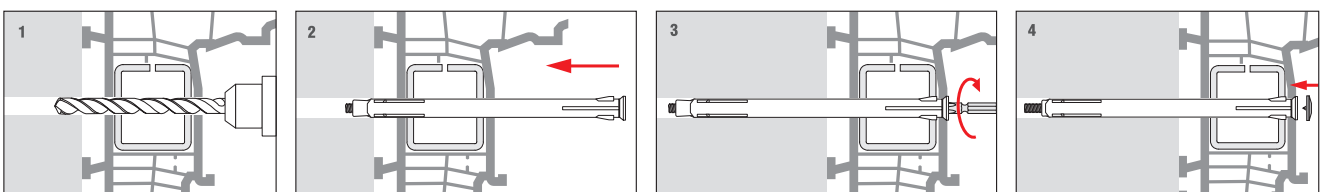


Expansion in the substrate

Special design of the expansion zone ensures correct fixing both in solid substrate (concrete, ceramic/clay brick, aerated concrete, sand-lime brick) and in ceramic/clay hollow brick.



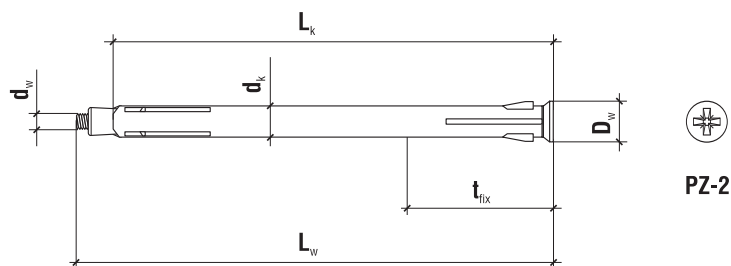
Installation



Product marking

L0	10	072
Type	Diameter	Length

TECHNICAL DATA



	Code	$d_k \times L_k$ [mm]	$d_w \times L_w$ [mm]	D_w [mm]	Drill hole diameter d_o [mm]	PZ	Pcs
ø10	LO-10072	10 x 72	6 x 87	13	10	PZ 2	100
	LO-10092	10 x 92	6 x 107	13	10	PZ 2	100
	LO-10112	10 x 112	6 x 127	13	10	PZ 2	100
	LO-10132	10 x 132	6 x 147	13	10	PZ 2	100
	LO-10152	10 x 152	6 x 167	13	10	PZ 2	100
	LO-10182	10 x 182	6 x 197	13	10	PZ 2	50
	LO-10202	10 x 202	6 x 217	13	10	PZ 2	50

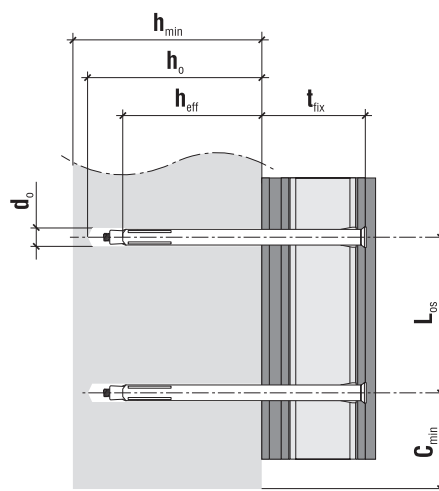
TECHNICAL DATA

Parameter	Unit	L0
Anchor diameter	d_k [mm]	10
Hole diameter	d_o [mm]	10
Effective anchorage depth	h_{eff} [mm]	30/40/60*
Depth of drill hole	h_o [mm]	40/50/70*
Drive type	x	PZ-2
Screw material	x	Zinc plated steel
Approval	x	AT-15-8976/2012

* - Concrete/Solid clay brick/Vertically perforated/

SUBSTRATE, MINIMUM THICKNESS, DISTANCE

Substrate	Min. member thickness h_{min} [mm]	Min. edge distance c_{min} [mm]	Min. spacing L_{os} [mm]
Concrete C20/25	60	60	120
Solid clay brick	80	80	160
Vertically perforated	120	120	240



DESIGN PULL-OUT RESISTANCE [kN]

Substrate	L0	Effective anchorage depth [mm]
Concrete C20/25	1.70	30
Solid clay brick	1.11	40
Calcium silicate brick	1.14	40
Hollow clay brick	0.29	60
Autoclaved aerated concrete	0.29	60

Z Cover cap for L0 frame fastener



Code	Colour	Diameter [mm]	Pcs
ZB	White	16	100
ZBR	Brown	16	100
ZCZ	Black	16	100
ZSZ	Gray	16	100