

EZ IMPACT ANCHOR



FEATURES

- Full assembled and ready to use.
- Resilient to hot and cold temperature.
- Philip head drive for ease of setting and removal.
- Collar fixes the plug flush to the wall.
- Fixture thickness up to 100mm.
- High retention force.
- Wide range of sizes available.

APPLICATIONS

- Ideal for timber and metal frames.
- Fastening of cable trunking, tray and pipe bracket.
- Fixings of skirting, curtain track and cabin.
- Ideal for light fittings and bathroom fixtures.
- Recommended for picture frame or general decorative fixtures.
- Temporary fixing of electrical and mechanical fittings.

MATERIAL SPECIFICATIONS

- Nylon body with galvanised steel drive screw to min. 6µm
- Also available in stainless steel AISI 304 (A2)

RANGE OF LOADING

up to 1000N



Light loads

BASE MATERIALS



Concrete



Concrete block
solid stone



Solid brick

► ORDERING DETAILS

EZ IMPACT ANCHOR- GALVANISED STEEL SCREWS

ANCHOR SIZE	FIXTURE HOLE DIAMETER, d_{fix} (mm)	MAX FIXTURE THICKNESS, t_{fix} (mm)	PACKING CONTENT (PCs.)	PRODUCT PART NO.
M5 x 33	5.5 ~ 6.0	13	300	EZ533
M5 x 45	5.5 ~ 6.0	25	200	EZ545
M6 x 37	6.5 ~ 7.0	12	200	EZ637
M6 x 44	6.5 ~ 7.0	19	200	EZ644
M6 x 55	6.5 ~ 7.0	30	200	EZ655
M6 x 70	6.5 ~ 7.0	45	100	EZ670
M8 x 54	9.0 ~ 10.0	19	100	EZ854
M8 x 72	9.0 ~ 10.0	37	100	EZ872
M8 x 110	9.0 ~ 10.0	75	100	EZ8110
M8 x 135	9.0 ~ 10.0	100	100	EZ8135
M10 x 120	11.0 ~ 12.0	35	TBA	EZ10120
M10 x 140	11.0 ~ 12.0	55	TBA	EZ10140
M10 x 160	11.0 ~ 12.0	75	TBA	EZ10160



EZ IMPACT ANCHOR- STAINLESS STEEL 304 (A2) SCREWS

ANCHOR SIZE	FIXTURE HOLE DIAMETER, d_{fix} (mm)	MAX FIXTURE THICKNESS, t_{fix} (mm)	PACKING CONTENT (PCs.)	PRODUCT PART NO.
M5 x 33	5.5 ~ 6.0	13	300	EZ533S
M5 x 45	5.5 ~ 6.0	25	200	EZ545S
M6 x 37	6.5 ~ 7.0	12	200	EZ637S
M6 x 44	6.5 ~ 7.0	19	200	EZ644S
M6 x 55	6.5 ~ 7.0	30	200	EZ655S
M6 x 70	6.5 ~ 7.0	45	100	EZ670S
M8 x 54	9.0 ~ 10.0	19	100	EZ854S
M8 x 72	9.0 ~ 10.0	37	100	EZ872S
M8 x 110	9.0 ~ 10.0	75	100	EZ8110S
M8 x 135	9.0 ~ 10.0	100	100	EZ8135S
M10 x 120	11.0 ~ 12.0	35	TBA	EZ10120S
M10 x 140	11.0 ~ 12.0	55	TBA	EZ10140S
M10 x 160	11.0 ~ 12.0	75	TBA	EZ10160S



Note: Stainless steel 316 (A4) screws are available on indent basis.

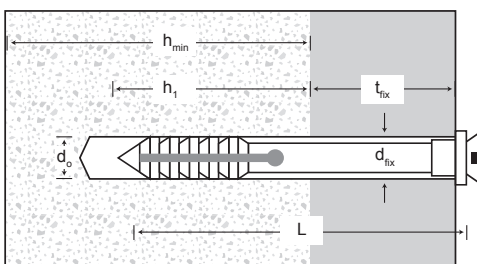
► INSTALLATION PERIMETER & LOADING DATA

ANCHOR SIZE	DRILLED HOLE DIAMETER (mm)	MINIMUM HOLE DEPTH (mm)	MINIMUM CONCRETE THICKNESS (mm)	ABSOLUTE MINIMUM SPACING & EDGE DISTANCE (mm)		RECOMMENDED LOAD (kN)			
						CONCRETE ¹		SOLID BRICK ²	
	d_o	h_1	h_{min}	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
M5	5	20	50	25	25	0.15	0.33	0.08	0.50
M6	6	27	50	30	30	0.25	0.53	0.13	0.50
M8	8	35	50	35	35	0.40	0.87	0.20	0.50
M10	10	85	100	85	85	0.70	1.00	0.35	0.50

¹ Loading based on standard embedment depth and non-cracked concrete, $f_{ck,cube} = 25 \text{ N/mm}^2$ (C20/25)

² Load test is recommended to verify anchor performance on actual substrate.

► SETTING DIAGRAM



► INSTALLATION PROCEDURE

