



**Product Information**

•For the attachment of timber frames, battens, windows and similar wood products to concrete and masonry.

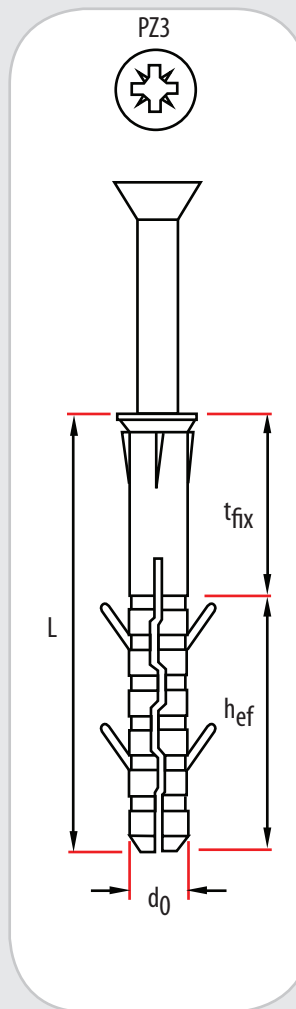
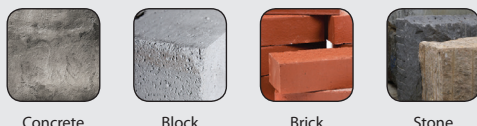
**Key Features**

Zinc plated and yellow passivated (3-5 microns)

Anti-rotation lugs to prevent the fixing from turning during installation

Tough Durable Nylon Sleeve

**Materials**



L - Sleeve Length  
 t<sub>fix</sub> - Max Fixture thickness  
 h<sub>ef</sub> - Embedment depth  
 d<sub>0</sub> - Drill Hole Size

**Nylon Frame Fixings**

TIMco Code	Size Ø x Length (mm) d x L	Drill Size (mm) d <sub>0</sub>	Bit Size	Max Fixture Thickness (mm) t <sub>fix</sub>	Min Hole Depth (mm) h <sub>0</sub>	Embedment Depth (mm) h <sub>ef</sub>	Rec. Tensile Load (kN) N <sub>rec</sub>	Rec. Shear Load (kN) V <sub>rec</sub>	Box Qty	Carton Qty	Pallet Qty
08080NFF	8 x 80	8	PZ3	40	50	40	0.50	0.55	100	800	25,600
08100NFF	8 x 100	8	PZ3	60	50	40	0.50	0.55	100	800	25,600
08120NFF	8 x 120	8	PZ3	80	50	40	0.50	0.55	100	800	25,600
10080NFF	10 x 80	10	PZ3	30	60	50	0.70	0.75	100	400	19,200
10100NFF	10 x 100	10	PZ3	50	60	50	0.70	0.75	100	400	19,200
10120NFF	10 x 120	10	PZ3	70	60	50	0.70	0.75	100	400	19,200
10140NFF	10 x 140	10	PZ3	90	60	50	0.70	0.75	100	300	14,400
10160NFF	10 x 160	10	PZ3	110	60	50	0.70	0.75	100	300	14,400

\*above loads for C20/25 concrete.

**Other Substrates**

Substrate	Fletton Brick 30 N/mm <sup>2</sup>		Cheshire Brick 45 N/mm <sup>2</sup>		Class B Eng. Brick 75 N/mm <sup>2</sup>		Concrete Block 7 N/mm <sup>2</sup>	
	8	10	8	10	8	10	8	10
Size Ø (mm) d	8	10	8	10	8	10	8	10
Drill Hole Ø (mm) d <sub>0</sub>	8	10	8	10	8	10	8	10
Embedment Depth (mm) h <sub>ef</sub>	40	50	40	50	40	50	40	50
Drill Hole Depth (mm) h <sub>0</sub>	50	60	50	60	50	60	50	60
Rec. Tensile Load (kN) N <sub>rec</sub>	0.25	0.46	0.44	0.65	0.43	0.38	0.20	0.24

**Installation Guide**

