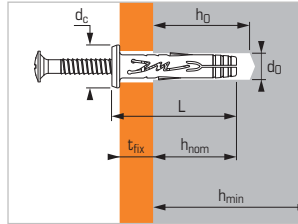


## Description

Hammer-set anchor for light duty fixings for concrete and all materials types



## Technical Data

Part No.	Anchor Size	Embedment Depth	Max thickness of part to be fixed	Drilling depth through part to be fixed	Drilling depth in base material	Drilling Diameter	Min Thickness of base material	Cylinder Head diameter	Total Anchor length	Type of nail	Order Qty
Zinc Coated Steel	Stainless Steel A4	(mm) h <sub>mon</sub>	(mm) t <sub>fix</sub>	(mm) L+8	(mm) h <sub>o</sub>	(mm) d <sub>o</sub>	(mm) h <sub>min</sub>	(mm) d <sub>c</sub>	(mm) L		
050116	-	5X25/5 P	20	5	35	30	5	100	9	27	PZ2 200
050117	-	5X25/15 P	20	15	45	30	5	100	9	37	PZ2 200
050118	060104	6X30/5 P	25	5	40	35	6	100	11	32	PZ2 200
050119	-	6X40/12 P	25	12	47	35	6	100	11	39	PZ2 100
050121	060105	6X50/25 P	25	25	60	35	6	100	11	52	PZ2 100
050116	060106	6X65/40 P	25	40	75	35	6	100	11	67	PZ2 100
050129	-	6X40/12 V	25	12	47	35	6	100	10	39	PZ2 100
050131	-	6X50/25 V	25	25	60	35	6	100	10	52	PZ2 100
050132	-	6X65/40 V	25	40	75	35	6	100	10	67	PZ2 100
050142	-	6X30/5 M7X150	30	-	-	40	6	100	11	32	M7 100
060090	060107	8X40/10 P	30	10	50	40	8	100	13	42	PZ2 50
055378	-	8X40/10 P20	30	10	50	40	8	100	13	42	PZ2 100
060091	060108	8X60/30 P	30	30	70	40	8	100	13	62	PZ2 100
060092	060109	8X90/60 P	30	60	100	40	8	100	13	92	PZ2 100
060093	-	8X110/80 P	30	80	120	40	8	100	13	112	PZ2 100
060094	-	8X130/100 P	30	100	140	40	8	100	13	132	PZ2 100
060095	-	8X60/30 V	30	30	70	40	8	100	11.5	62	PZ2 100
060096	-	8X90/60 V	30	60	100	40	8	100	11.5	92	PZ2 100
060097	-	8X110/80 V	30	80	120	40	8	100	11.5	112	PZ2 50
060098	-	8X130/100 V	30	100	140	40	8	100	11.5	132	PZ2 50
057601	-	8X160/125 P	30	125	206	40	8	100	15	198	PZ3 50
057602	-	8X180/145 P	30	145	166	40	8	100	15	158	PZ3 50
057603	-	8X200/165 P	30	165	206	40	8	100	15	198	PZ3 50

\* In masonry, the thickness of the part to be fixed may fluctuate, to ± 5 mm for Ø5 and Ø6 mm and to ± 10 mm for Ø8 mm, to allow a good contact between collar and the part to be fixed.

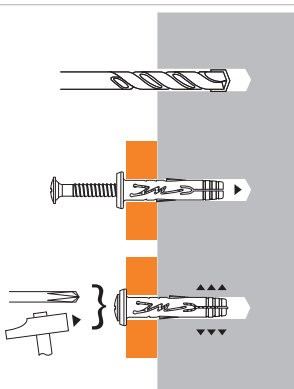
## Applications

- Insulation cladding
- Profiles for thin coat external
- Insulation systems
- Drywall track
- Wood
- Flashing
- Electrical accessories
- Collar

## Material

- Body: polyamid 6
- Expansion nail: Zinc coated steel: FR 15 (5 µm) Stainless steel: A2
- Screw head type: PZ2/PZ3

## Installation



### WARNING:

For anchor sizes 8X160/125P, 8X180/145P & 8X200/165P, setting only by screwing

## Characteristics Load (N<sub>RK</sub> V<sub>RK</sub>) in kN

### TENSILE

Anchor size	Ø5	Ø6	Ø8
<b>Concrete (C20/25)</b>			
N <sub>RK</sub>	0,60	0,90	1,2
<b>Solid concrete blocks B120 (f<sub>c</sub> = 13,5 N/mm<sup>2</sup>)</b>			
N <sub>RK</sub>	0,30	0,40	0,50
<b>Clay bricks (f<sub>c</sub> = 55 N/mm<sup>2</sup>)</b>			
N <sub>RK</sub>	0,20	0,80	1,2
<b>Hollow concrete blocks B40 not rendered (f<sub>c</sub> = 6,5 N/mm<sup>2</sup>)</b>			
N <sub>RK</sub>	0,20	0,30	1,2
<b>Hollow concrete blocks B40 rendered (f<sub>c</sub> = 6,5 N/mm<sup>2</sup>)</b>			
N <sub>RK</sub>	0,95	1,70	2,25
<b>Hollow clay bricks Eco-30 not rendered (f<sub>c</sub> = 4,5 N/mm<sup>2</sup>)</b>			
N <sub>RK</sub>	0,30	0,40	0,50
<b>Hollow clay bricks Eco-30 rendered (f<sub>c</sub> = 4,5 N/mm<sup>2</sup>)</b>			
N <sub>RK</sub>	0,95	1,30	1,70
<b>Engineering clay bricks not rendered (f<sub>c</sub> = 14,5 N/mm<sup>2</sup>)</b>			
N <sub>RK</sub>	0,55	0,75	0,95
<b>Engineering clay bricks rendered (f<sub>c</sub> = 14,5 N/mm<sup>2</sup>)</b>			
N <sub>RK</sub>	0,95	1,30	1,70
<b>Aerated concrete (M<sub>vn</sub> = 500 kg/m<sup>3</sup>)</b>			
N <sub>RK</sub>	0,15	0,2	0,3
<b>Plasterboard BA13</b>			
N <sub>RK</sub>	0,15	0,15	0,18
<b>Plasterboard BA10 + polystyren</b>			
N <sub>RK</sub>	0,18	0,18	0,2

### SHEAR

	5X25/5 5X35/15	6X30/5 6X40/12 6X50/25	6X65/40	8X40/10 to 8X90/60	8X110/80 to 8X200/165
V <sub>RK</sub>	1,9	2,8	2,25	4,3	3,55
V <sub>RK</sub>	1,9	2,8	2,25	4,3	3,55
V <sub>RK</sub>	1,9	2,8	2,25	4,3	3,55
V <sub>RK</sub>	1,9	2,25	2,25	2,8	2,8
V <sub>RK</sub>	1,9	2,25	2,25	2,8	2,8
V <sub>RK</sub>	1,9	2,25	2,25	2,8	2,8
V <sub>RK</sub>	0,55	0,75	0,75	0,9	0,9
V <sub>RK</sub>	0,9	1,1	1,3	1,7	1,7
V <sub>RK</sub>	1,9	2,25	2,25	2,8	2,8
V <sub>RK</sub>	1,9	2,8	2,25	4,3	3,55
V <sub>RK</sub>	0,15	0,2	0,2	0,3	0,3
V <sub>RK</sub>	0,15	0,15	0,15	0,18	0,18
V <sub>RK</sub>	0,18	0,18	0,18	0,2	0,2