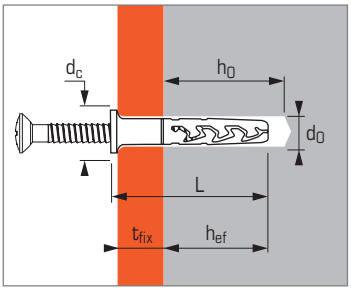
JTX TP & TB

Light duty hammer-in anchor for fixings on concrete and all material types



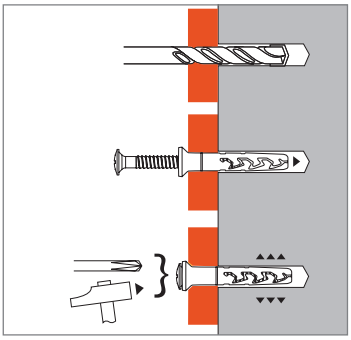
APPLICATIONS

- Metal substructures
- Accessories for electrical installations
- Collars
- Plasterboard guides and supports
- Metal structures and profiles

MATERIAL

Sleeve: PA 6 color grey (RAL7035)
Screw: zinc coated steel (5 µm)
Screw head type: PZ2 diameter 5 and 6, PZ3 diameter 8

INSTALLATION



INSTALLATION TEMPERATURE

Installation temperature:
5°C ÷ +35°C
Working temperature:
0°C ÷ +40°C

Technical Data

Anchor size	Max. Fixable thickness (mm) h_{ef}	Max. Fixable thickness (mm) t_{fix}	Min. thickness of concrete slab (mm) h_{min}	Drilling depth in base materia (mm) h_0	Drilling Ø (mm) d_0	Anchor head Ø (mm) d_c	Total anchor length (mm) L	Code
5x25 TP	20	5	50	30	5	9	28	569365
5x35 TP	20	15	50	30	5	9	38	569366
6x35 TP	25	5	65	35	6	10	33	569367
6x40 TP	25	10	65	35	6	10	38	569368
6x50 TP	25	20	65	35	6	10	48	569369
6x60 TP	25	30	65	35	6	10	58	569370
8x55 TP	30	20	75	40	8	14	55	569371
8x75 TP	30	40	75	40	8	14	75	569372
8x95 TP	30	60	75	40	8	14	95	569373
6x35 TB	25	7	65	35	6	10	36	568667

Ultimate loads ($N_{Ru,m}$)

TENSION [kN]

Anchor size\ Base material	Ø 5	Ø 6	Ø 8
Embedment depth (mm)	**30**	**35**	**50**
Concrete (C20/25)	0,85	1,50	2,30
Clay bricks(f_{bk} = 34 N/mm²)	1,05	2,05	3,10
Hollow concrete blocks LECA BC20 not rendered (f_{bk} = 4N/mm²)	0,80	1,35	2,30
Hollow concrete blocks B40 not rendered (f_{bk} = 4N/mm²)	0,45	0,60	0,85
Hollow clay bricks Porotherm not rendered (f_{bk} = 12 N/mm²)	0,60	0,80	1,30
Hollow clay bricks Poroton not rendered (f_{bk}= 14,3 N/mm²)	0,60	0,80	1,30
Hollow clay bricks Doppiouni not rendered (f_{bk} = 19,4 N/mm²)	0,50	0,80	1,15

These values are obtained from laboratory tests on isolated anchors without edge or group effects

Recommended loads (N_{Rec})

$$N_{rec} = \frac{N_{u,m}^{*}}{\gamma_{**}}$$

* Carichi medi ultimi ricavati da test di laboratorio

** Coeff. di sicurezza definito tramite approccio semplificato e considerato pari a 5

TENSION [kN]

Anchor size\ Base material	Ø 5	Ø 6	Ø 8
Embedment depth (mm)	**30**	**35**	**50**
Concrete (C20/25)	0,17	0,30	0,46
Clay bricks(f_{bk} = 34 N/mm²)	0,21	0,41	0,62
Hollow concrete blocks LECA BC20 not rendered (f_{bk} = 4N/mm²)	0,16	0,27	0,46
Hollow concrete blocks B40 not rendered (f_{bk} = 4N/mm²)	0,09	0,12	0,17
Hollow clay bricks Porotherm not rendered (f_{bk} = 12 N/mm²)	0,12	0,16	0,26
Hollow clay bricks Poroton not rendered (f_{bk}= 14,3 N/mm²)	0,12	0,16	0,26
Hollow clay bricks Doppiouni not rendered (f_{bk} = 19,4 N/mm²)	0,12	0,16	0,26

Maximum recommended loads for a single anchor without group or edge effects.
Loads given are valid only for screws in assortment.