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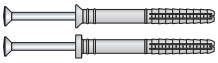
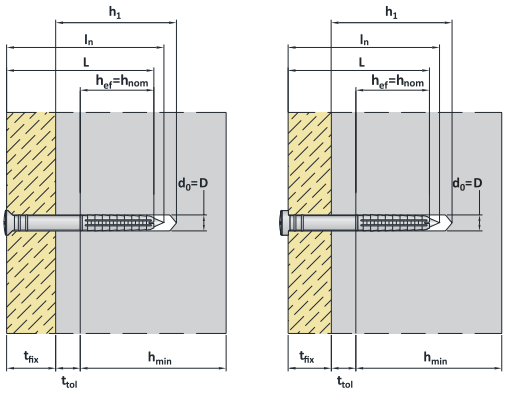
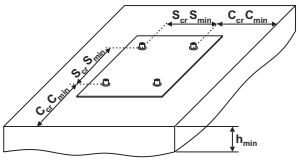
YZ 01 - YZ 31 Tassello in nylon multiespansione con vite TGS a percussione



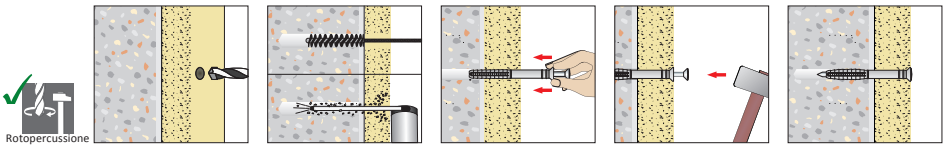
SCHEDA TECNICA





D x L	diametro esterno ancorante x lunghezza ancorante
t_{fix}	massimo spessore fissabile
t_{tol}	spessore di intonaco
d_0	diametro del foro
h_1	profondità del foro
h_{min}	spessore del materiale di supporto
h_{nom}	profondità di inserimento
h_{ef}	effettiva profondità di ancoraggio
s_{min}	minimo interasse consentito
c_{min}	minima distanza dal bordo consentita
F_{Rk}	Resistenza caratteristica indipendete dalla direzione del carico

Sequenza di installazione su materiali compatti

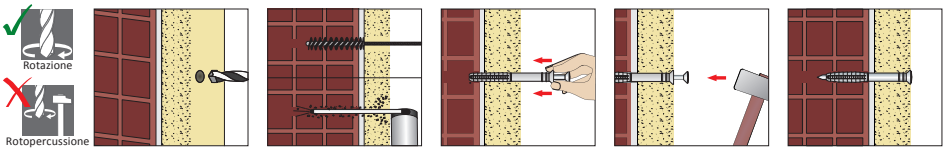


ATTENZIONE: Nei materiali compatti eseguire il foro con la modalità di rotopercussione

CALCESTRUZZO ≥ C20/25	Resistenza caratteristica (F_{Rk}) Ø 5	Ø 6	Ø 8
	0, 30 kN[3)]	0, 45 kN[3)]	0,84 kN[3)]

3) 1 kN ≈ 100 kg

Sequenza di installazione su materiali semipieni



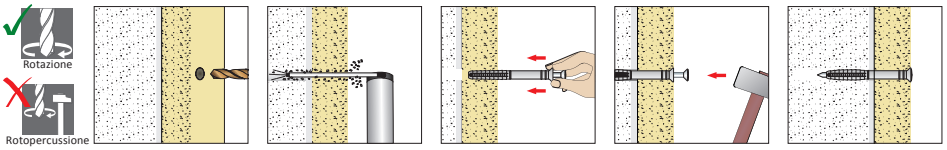
ATTENZIONE: Nei materiali forati o semipieni eseguire il foro con la sola modalità di rotazione

MURATURA FORATA *	Resistenza caratteristica (F_{Rk}) Ø 5	Ø 6	Ø 8
	0,26 kN[3)]	0,35 kN[3)]	0,67 kN[3)]

* con densità ≥ 0,54kg/dm^3 e resistenza caratteristica ≥ 6N/mm^2

3) 1 kN ≈ 100 kg

Sequenza di installazione su calcestruzzo aerato autoclavato



ATTENZIONE: Nel calcestruzzo aerato autoclavato eseguire il foro con la sola modalità di rotazione con punta per metallo

CALCESTRUZZO AERATO AUTOCLAVATO*	Resistenza caratteristica (F_{Rk}) Ø 5	Ø 6	Ø 8
	0,15 kN[3)]	0,26 kN[3)]	0,46 kN[3)]

* con densità ≥ 0,35kg/dm^3

3) 1 kN ≈ 100 kg

DATI TECNICI PER APPLICAZIONI SU CALCESTRUZZO E MURATURA

Codice Articolo	Misura Ancorante *D x L (mm)*	$t_{fix}+t_{tol}$ *(mm)*	$t_{fix}+t_{tol}$ *(mm)*	d_0 *(mm)*	h_1 *(mm)*	h_{nom} *(mm)*	h_{ef} *(mm)*	c_{min} [2)] *(mm)*	s_{min} [2)] *(mm)*	h_{min} *(mm)*
Ø 5		(YZ 01)	(YZ 31)							
YZ xx[1)] 05 030	5 x 30	5	3	5	40	25	25	100	100	50
YZ xx[1)] 05 040	5 x 40	15	13							
YZ xx[1)] 05 050	5 x 50	25	23							
Ø 6		(YZ 01)	(YZ 31)							
YZ xx[1)] 06 035	6 x 35	5	3	6	45	30	30	100	100	50
YZ xx[1)] 06 040	6 x 40	10	8							
YZ xx[1)] 06 050	6 x 50	20	18							
YZ xx[1)] 06 060	6 x 60	30	28							
YZ xx[1)] 06 080	6 x 80	50	48							
YZ xx[1)] 06 100	6 x 100	70	68							
Ø 8		(YZ 01)	(YZ 31)							
YZ xx[1)] 08 045	8 x 45	5	2	8	60	40	40	100	100	80
YZ xx[1)] 08 060	8 x 60	20	17							
YZ xx[1)] 08 080	8 x 80	40	37							
YZ xx[1)] 08 100	8 x 100	60	57							
YZ xx[1)] 08 120	8 x 120	80	77							
YZ xx[1)] 08 135	8 x 135	95	92							
YZ xx[1)] 08 160	8 x 160	120	117							

1) **YZ xx** = YZ 01 (bordo svasato); YZ 31 (bordo cilindrico)

2) I valori di interasse minimo e distanza dal bordo sono solo riferiti ad un calcestruzzo di classe C20/25

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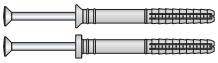
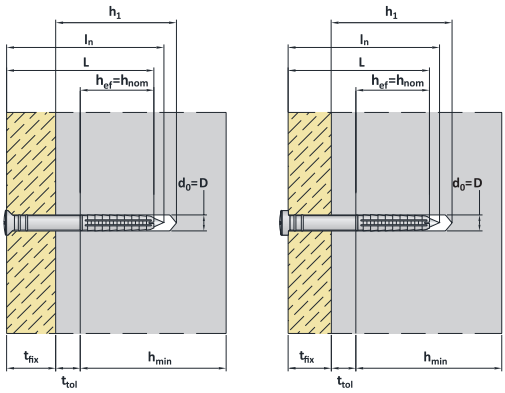
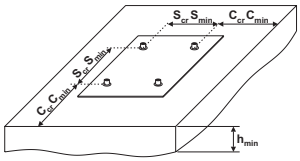
YZ 01 - YZ 31 Multi-expansion nylon anchor with zinc plated raised CSK head nail screw



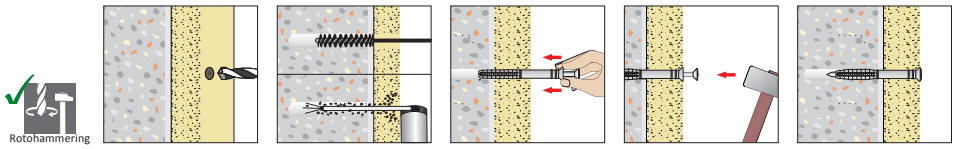
TECHNICAL DATA SHEET





D x L	anchor diameter x anchor length
t_{fix}	maximum thickness of fixture
t_{tol}	thickness of plaster
d_0	drill hole diameter
h_1	depth of drill hole
h_{min}	minimum thickness of the member
h_{nom}	overall anchor embedment depth
h_{ef}	effective anchorage depth
s_{min}	minimum allowable spacing
c_{min}	minimum allowable edge distance
F_{Rk}	Characteristic resistance of the fastener regardless of the load direction

Installation sequence in concrete and solid masonry

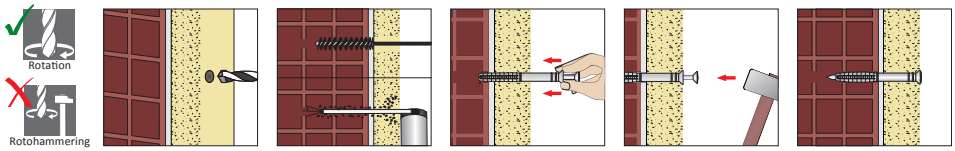


WARNING: In concrete and solid masonry, drill the hole by hammer drilling

CONCRETE ≥ C20/25	Characteristic resistance (F_{Rk}) Ø 5	Ø 6	Ø 8
	0, 30 kN[3)]	0, 45 kN[3)]	0,84 kN[3)]

3) 1 kN ≈ 100 kg

Installation sequence in hollow masonry



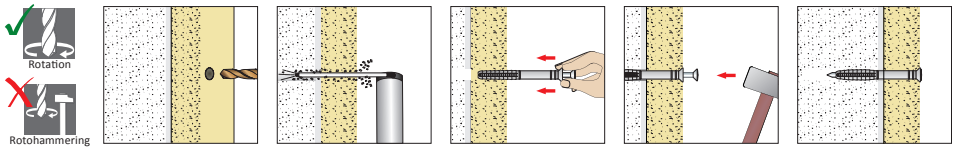
WARNING: In perforated and hollow masonry, drill the hole with rotary drilling only

HOLLOW MASONRY *	Characteristic resistance (F_{Rk}) Ø 5	Ø 6	Ø 8
	0,26 kN[3)]	0,35 kN[3)]	0,67 kN[3)]

∗ with density ≥ 0,54kg/dm^3 and characteristic resistance ≥ 6N/mm^2

3) 1 kN ≈ 100 kg

Installation sequence in Aerated autoclaved concrete



WARNING: In aerated autoclaved concrete, drill the hole with rotary drilling only, using drills for metal

AERATED AUTOCLAVED CONCRETE *	Characteristic resistance (F_{Rk}) Ø 5	Ø 6	Ø 8
	0,15 kN[3)]	0,26 kN[3)]	0,46 kN[3)]

∗ with density higher than 0,35kg/dm^3

3) 1 kN ≈ 100 kg

TECHNICAL DATA FOR USE IN CONCRETE AND MASONRY

Item Code	Anchor Size D x L (mm)	$t_{fix}+t_{tol}$ (mm)	$t_{fix}+t_{tol}$ (mm)	d_0 (mm)	h_1 (mm)	h_{nom} (mm)	h_{ef} (mm)	c_{min} [2)] (mm)	s_{min} [2)] (mm)	h_{min} (mm)
Ø 5		(YZ 01)	(YZ 31)							
YZ xx[1)] 05 030	5 x 30	5	3	5	40	25	25	100	100	50
YZ xx[1)] 05 040	5 x 40	15	13							
YZ xx[1)] 05 050	5 x 50	25	23							
Ø 6		(YZ 01)	(YZ 31)							
YZ xx[1)] 06 035	6 x 35	5	3	6	45	30	30	100	100	50
YZ xx[1)] 06 040	6 x 40	10	8							
YZ xx[1)] 06 050	6 x 50	20	18							
YZ xx[1)] 06 060	6 x 60	30	28							
YZ xx[1)] 06 080	6 x 80	50	48							
YZ xx[1)] 06 100	6 x 100	70	68							
Ø 8		(YZ 01)	(YZ 31)							
YZ xx[1)] 08 045	8 x 45	5	2	8	60	40	40	100	100	80
YZ xx[1)] 08 060	8 x 60	20	17							
YZ xx[1)] 08 080	8 x 80	40	37							
YZ xx[1)] 08 100	8 x 100	60	57							
YZ xx[1)] 08 120	8 x 120	80	77							
YZ xx[1)] 08 135	8 x 135	95	92							
YZ xx[1)] 08 160	8 x 160	120	117							

1) **YZ xx** = YZ 01 (CSK edge); YZ 31 (cylinder edge);

2) The miminum spacing and edge distance values are only referred to low stregth concrete C20/25