Tecfi FIXING SYSTEMS

SCHEDA TECNICA

Per fissaggi NON PASSANTI

RX 0x

handyplug RX The Yellow Power NYLON ANCHORS

Tassello Universale in Nylon con vite

Tecfi S.p.A. - S.S. Appia, km 193 - 81050 Pastorano (CE), Italia - *rdc@tecfi.it*

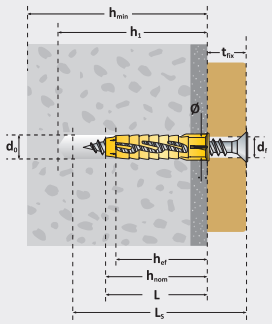
Nome/Numero DOC:
ST RX0x
Revisione n. **2.01**
Data rev. **06/09/2024**
Stampata il **06/09/2024**

Sostituisce la revisione: 2.00
(Data revisione: 03/04/2024)

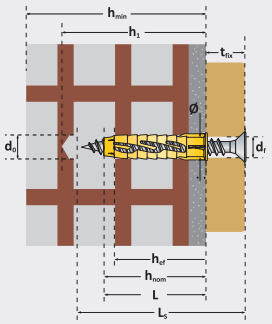


Dettagli per l'installazione

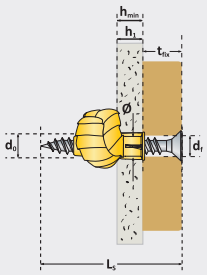
Installazione in muratura piena



Installazione in muratura forata

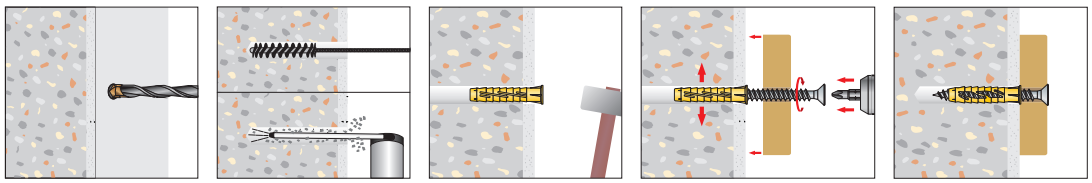


Installazione su cartongesso

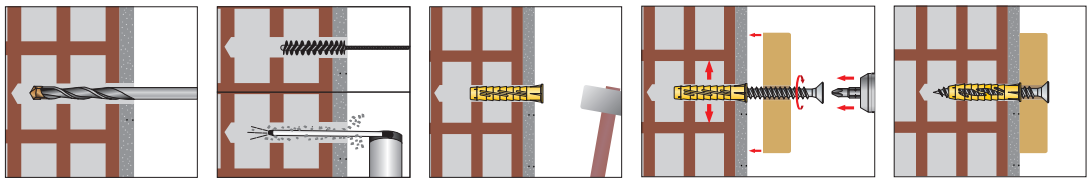


Ø	diametro esterno del tassello
L	lunghezza tassello
$Ø_s$	diametro vite
L_s	lunghezza vite
t_{fix}	spessore fissabile
d_0	diametro del foro
h_1	profondità minima del foro
h_t	spessore minimo del setto del materiale cavo
h_{min}	spessore minimo del materiale di base
h_{nom}	profondità minima di inserimento dell'ancorante
h_{ef}	profondità efficace di ancoraggio
d_f	diametro del foro nell'elemento da fissare
lm	impronta
c_{min}	minima distanza dal bordo consentita
s_{min}	minimo interasse consentito

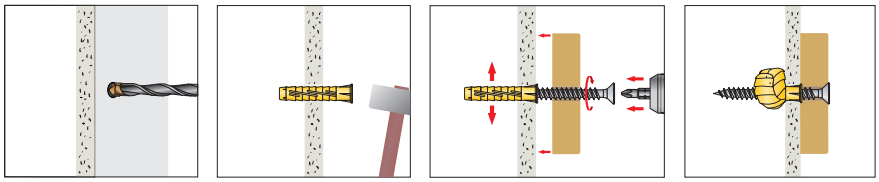
Sequenza di installazione su materiali compatti (muratura piena, tufo, gasbeton, ...)



Sequenza di installazione su materiali semipieni (muratura forata, materiali cavi, ...)



Sequenza di installazione su cartongesso



Tecfi FIXING SYSTEMS

SCHEDA TECNICA

Per fissaggi NON PASSANTI

RX 0x

Tassello Universale in Nylon con vite

handyplug NYLON ANCHORS RX The Yellow Power

Tecfi S.p.A. - S.S. Appia, km 193 - 81050 Pastorano (CE), Italia - *rdc@tecfi.it*

Sostituisce la revisione: 2.00
(Data revisione: 03/04/2024)



DATI TECNICI

Codice Articolo	Ø x L (mm)	Ø$_s$ x L$_s$ (mm)	t_{fix} (mm)	d_0 [1] (mm)	h_1 (mm)	h_{min} (mm)	h_t [2] (mm)	h_{nom} (mm)	h_{ef} (mm)	d_f (mm)	lm (PZ)	c_{min} [3] (mm)	s_{min} [3] (mm)	carico massimo consigliato (kg) [4]						
RX 0x 06 032	6 x 32	4,5 x 45	5	6	50	60	32	32	27	5,5	2	60	60	40	30	15	20	6	-	-
RX 0x 06 045	6 x 45	4,5 x 55*	5	6	60	80	45	45	40	5,5	2	60	60	40	30	-	20	6	6	30
RX 0x 08 042	8 x 42	5 x 50	5	8	60	75	42	42	37	6	2	80	80	50	40	15	25	8	6	-
RX 0x 08 052	8 x 52	5 x 60	5	8	70	100	52	52	47	6	2	80	80	50	40	-	25	8	6	30
RX 0x 10 050	10 x 50	6 x 60	5	10	70	100	10	50	50	7	2	90	90	60	35	15	30	10	20	-
RX 0x 10 060	10 x 60	6 x 70	5	10	80	110	20	60	60	7	2	90	90	60	35	-	30	10	20	30
RX 0x 12 060	12 x 60	8 x 70	5	12	80	110	11	60	60	9	2	100	100	85	60	-	45	12	35	35
RX 0x 14 070	14 x 70	10 x 80	5	14	90	120	12	70	70	12	2	120	120	120	70	-	80	40	40	-
RX 0x 14 100	14 x 100	10 x 120	5	14	130	160	22	100	100	12	2	120	120	120	70	-	80	40	40	-

RX 0x = RX02 - RX03 - RX04 - RX05 - RX07
* RX 04 06 045 e RX 05 06 045 con vite 4,5x60mm
1) Nei materiali compatti eseguire il foro con la modalità di rotopercussione. Nei materiali forati o semipieni eseguire il foro con la sola modalità di rotazione.
2) Valore da rispettare solo per applicazioni su materiali con grandi cavità.
3) Valori minimi di interasse e di distanze dai bordi, riferiti solo ad un calcestruzzo di classe ≥ C20/25.
4) Il carico riportato è da intendersi come carico di servizio.

Calcestruzzo
Calcestruzzo non fessurato: classe C20/25

Mattone forato
Tipo "Alveolater A200" con resistenza caratteristica a compressione nella direzione normale ai fori > 1,5 N/mm^2

Cartongesso
Spessore del cartongesso: 12 mm

Mattone Pieno
Densità muratura: 1,7 Kg/dm^3
Resistenza a compressione: > 39 N/mm^2

Tufo
Tufo vulcanico tipo "Fiorditufo"
Resistenza a compressione: 7,5 N/mm^2

Calcestruzzo aerato autoclavato
Tipo "Gasbeton Betoncell Evolution" Resistenza a compressione: > 3 N/mm^2

Blocco di calcestruzzo
Spessore del setto: 25 mm



RX02 RX04 RX05 RX07
RX03

Tecfi FIXING SYSTEMS

SCHEDA TECNICA

Per fissaggi PASSANTI

RX 0x

Tassello Universale in Nylon con vite

handyplug RX The Yellow Power NYLON ANCHORS

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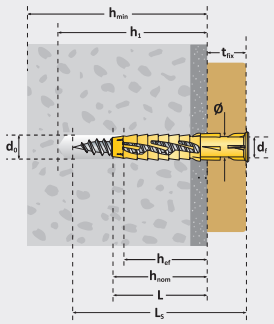
Nome/Numero DOC:
ST RX0x
Revisione n. **2.01**
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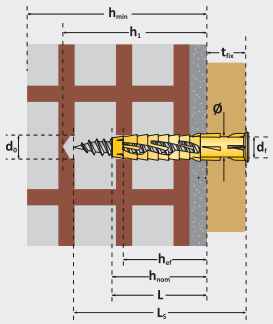


Dettagli per l'installazione

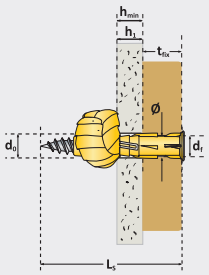
Installazione in muratura piena



Installazione in muratura forata

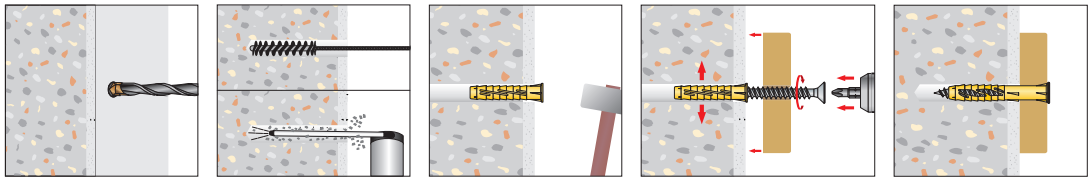


Installazione su cartongesso

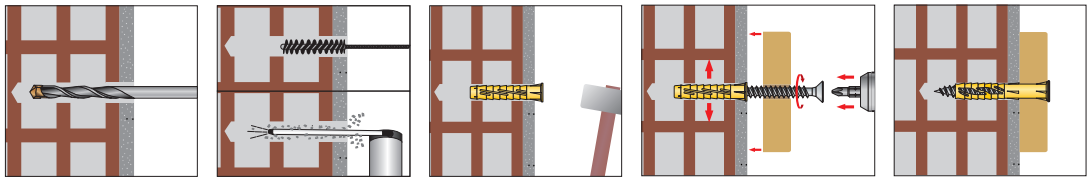


Ø	diametro esterno del tassello
L	lunghezza tassello
$Ø_s$	diametro vite
L_s	lunghezza vite
t_{fix}	spessore fissabile
d_0	diametro del foro
h_1	profondità minima del foro
h_t	spessore minimo del setto del materiale cavo
h_{min}	spessore minimo del materiale di base
h_{nom}	profondità minima di inserimento dell'ancorante
h_{ef}	profondità efficace di ancoraggio
d_f	diametro del foro nell'elemento da fissare
Im	impronta
c_{min}	minima distanza dal bordo consentita
s_{min}	minimo interasse consentito

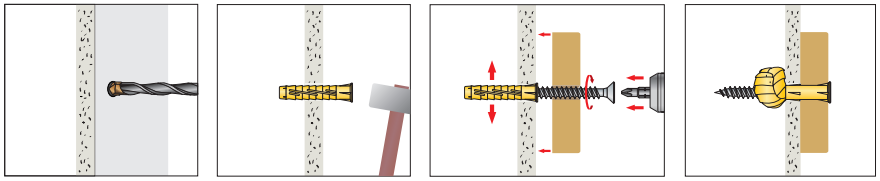
Sequenza di installazione su materiali compatti (muratura piena, tufo, gasbeton, ...)



Sequenza di installazione su materiali semipieni (muratura forata, materiali cavi, ...)



Sequenza di installazione su cartongesso



Tecfi FIXING SYSTEMS

SCHEDA TECNICA

Per fissaggi PASSANTI

RX 0x

Tassello Universale in Nylon con vite

handyplug RX The Yellow Power NYLON ANCHORS

Tecfi S.p.A. - S.S. Appia, km 193 - 81050 Pastorano (CE), Italia - *rdc@tecfi.it*

Nome/Numero DOC:
ST RX0x
Revisione n. **2.01**
Data rev. **06/09/2024**
Stampata il **06/09/2024**

Pagina n. 4 / 4

Sostituisce la revisione: 2.00
(Data revisione: 03/04/2024)



DATI TECNICI

Codice Articolo	Ø x L (mm)	Ø$_s$ x L$_s$ (mm)	t_{fix} (mm)	d_0 [1] (mm)	h_1 (mm)	h_{min} (mm)	h_t [2] (mm)	h_{nom} (mm)	h_{ef} (mm)	d_f (mm)	Im (PZ)	c_{min} [3] (mm)	s_{min} [3] (mm)	carico massimo consigliato (kg) [4]						
RX 0x 06 045	6 x 45	4,5 x 55*	10	6	60	80	21	35	30	7	2	60	60	40	30	-	20	6	6	30
RX 0x 08 052	8 x 52	5 x 60	10	8	70	100	19	42	37	9	2	80	80	50	40	-	25	8	6	30
RX 0x 10 060	10 x 60	6 x 70	10	10	80	110	20	60	60	7	2	90	90	60	35	-	30	10	20	30
RX 0x 14 100	14 x 100	10 x 120	30	14	130	160	22	100	100	12	2	120	120	120	70	-	80	40	40	-

RX 0x = RX02 - RX03 - RX04 - RX05 - RX07
* RX 04 06 045 e RX 05 06 045 con vite 4,5x60mm

1) Nei materiali compatti eseguire il foro con la modalità di rotopercussione. Nei materiali forati o semipieni eseguire il foro con la sola modalità di rotazione.
2) Valore da rispettare solo per applicazioni su materiali con grandi cavità.
3) Valori minimi di interasse e di distanze dai bordi, riferiti solo ad un calcestruzzo di classe ≥ C20/25.
4) Il carico riportato è da intendersi come carico di servizio.

Calcestruzzo
Calcestruzzo non fessurato: classe C20/25

Mattone forato
Tipo "Alveolater A200" con resistenza caratteristica a compressione nella direzione normale ai fori > 1,5 N/mm^2

Cartongesso
Spessore del cartongesso: 12 mm

Mattone Pieno
Densità muratura: 1,7 Kg/dm^3
Resistenza a compressione: > 39 N/mm^2

Tufo
Tufo vulcanico tipo "Fiorditufo"
Resistenza a compressione: 7,5 N/mm^2

Calcestruzzo aerato autoclavato
Tipo "Gasbeton Betoncell Evolution"
Resistenza a compressione: > 3 N/mm^2

Blocco di calcestruzzo
Spessore del setto: 25 mm



Tecfi FIXING SYSTEMS

TECHNICAL DATA SHEET

For PRE-POSITIONED FIXING

RX 0x

Multi-purpose nylon anchor

handyplug RX The Yellow Power NYLON ANCHORS

Tecfi S.p.A. - S.S. Appia, km 193 - 81050 Pastorano (CE), Italia - *rdc@tecfi.it*

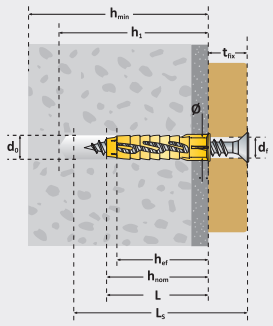
Name/No DOC:
ST RX0x
Revision n. **2.01**
Dated **06/09/2024**
Printed on **06/09/2024**

Replaced revision: 2.00
(Dated: 03/04/2024)

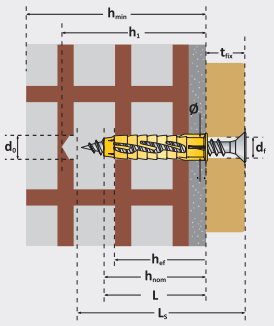


Setting details

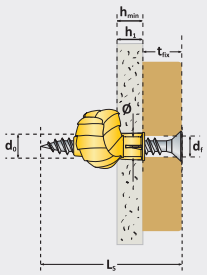
Installation in solid masonry



Installation in perforated masonry

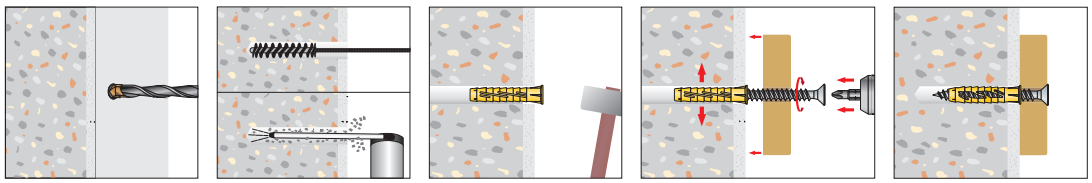


Installation in hollow material

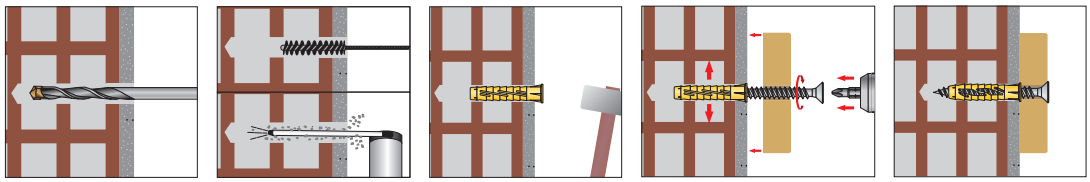


Ø	outside diameter of the anchor
L	anchor length
$Ø_s$	screw diameter
L_s	screw length
t_{fix}	thickness of fixture
d_0	drill hole diameter
h_1	depth of drilled hole to deepest point
h_t	minimum shell thickness of the hollow material
h_{min}	minimum thickness of base material
h_{nom}	overall anchor embedment depth
h_{ef}	effective anchorage depth
d_f	diameter of clearance hole in the fixture
lm	recess
c_{min}	minimum edge distance
s_{min}	minimum spacing

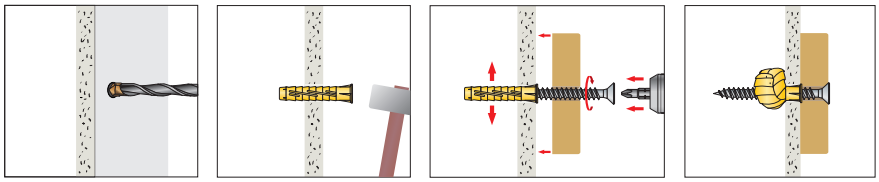
Installation sequence in solid materials (solid masonry, tuff, autoclaved aerated concrete, ...)



Installation sequence in hollow or perforated masonry (perforated masonry, hollow materials, ...)



Installation sequence on drywall



Tecfi FIXING SYSTEMS

TECHNICAL DATA SHEET

For PRE-POSITIONED FIXING

RX 0x

Multi-purpose nylon anchor

handyplug RX The Yellow Power NYLON ANCHORS

Tecfi S.p.A. - S.S. Appia, km 193 - 81050 Pastorano (CE), Italia - *rdc@tecfi.it*

Name/No DOC:
ST RX0x
Revision n. **2.01**
Dated **06/09/2024**
Printed on **06/09/2024**

Replaced revision: 2.00
(Dated: 03/04/2024)



TECHNICAL DATA

Item code	Ø x L (mm)	Ø$_s$ x L$_s$ (mm)	t_{fix} (mm)	d_0 [1] (mm)	h_1 (mm)	h_{min} (mm)	h_t [2] (mm)	h_{nom} (mm)	h_{ef} (mm)	d_f (mm)	Im (PZ)	c_{min} [3] (mm)	s_{min} [3] (mm)	maximum suggested load (kg) [4]						
RX 0x 06 032	6 x 32	4,5 x 45	5	6	50	60	32	32	27	5,5	2	60	60	40	30	15	20	6	-	-
RX 0x 06 045	6 x 45	4,5 x 55*	5	6	60	80	45	45	40	5,5	2	60	60	40	30	-	20	6	6	30
RX 0x 08 042	8 x 42	5 x 50	5	8	60	75	42	42	37	6	2	80	80	50	40	15	25	8	6	-
RX 0x 08 052	8 x 52	5 x 60	5	8	70	100	52	52	47	6	2	80	80	50	40	-	25	8	6	30
RX 0x 10 050	10 x 50	6 x 60	5	10	70	100	10	50	50	7	2	90	90	60	35	15	30	10	20	-
RX 0x 10 060	10 x 60	6 x 70	5	10	80	110	20	60	60	7	2	90	90	60	35	-	30	10	20	30
RX 0x 12 060	12 x 60	8 x 70	5	12	80	110	11	60	60	9	2	100	100	85	60	-	45	12	35	35
RX 0x 14 070	14 x 70	10 x 80	5	14	90	120	12	70	70	12	2	120	120	120	70	-	80	40	40	-
RX 0x 14 100	14 x 100	10 x 120	5	14	130	160	22	100	100	12	2	120	120	120	70	-	80	40	40	-

RX 0x = RX02 - RX03 - RX04 - RX05 - RX07
* RX 04 06 045 and RX 05 06 045 with screw 4,5x60mm
1) For solid materials drill the hole in rotary hammer mode. For perforated and hollow materials drill the hole in rotary mode.
2) Value to be met only for applications on materials with large cavities.
3) Minimum spacing and edge distances, valid only for concrete with strength class ≥ C20/25.
4) Service loads.

Concrete
Non-cracked concrete:
strength class C20/25

Perforated masonry
Type "Alveolater A200" with characteristic compressive strength in the normal direction of the holes > 1,5 N/mm^2

Drywall
Drywall thickness: 12 mm

Solid Masonry
Bricks density: 1,7 Kg/dm^3
Compressive strength: > 39 N/mm^2

Tuff
Type "Fiorditufo" vulcanic tuff
Compressive strength: 7,5 N/mm^2

Aerated autoclavated concrete
Type "Gasbeton, Betoncell Evolution"
Compressive strength: > 3 N/mm^2

Concrete block
Shell thickness: 25 mm



Tecfi FIXING SYSTEMS

TECHNICAL DATA SHEET

For IN-PLACE FIXING

RX 0x

Multi-purpose nylon anchor

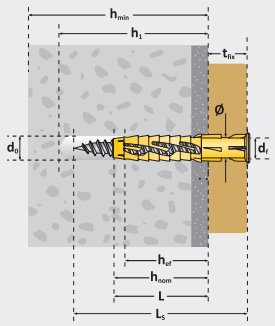
handyplug NYLON ANCHORS RX The Yellow Power

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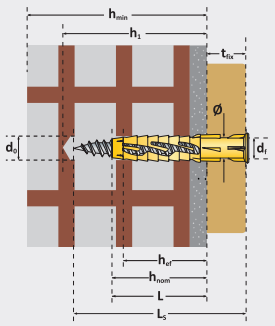


Setting details

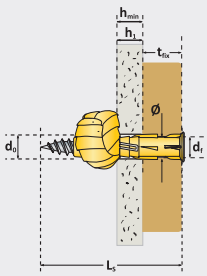
Installation in solid masonry



Installation in perforated masonry

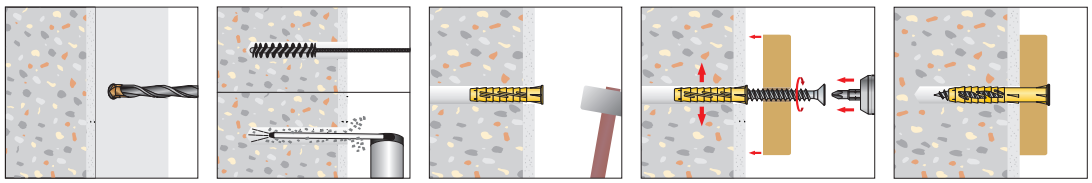


Installation in hollow material

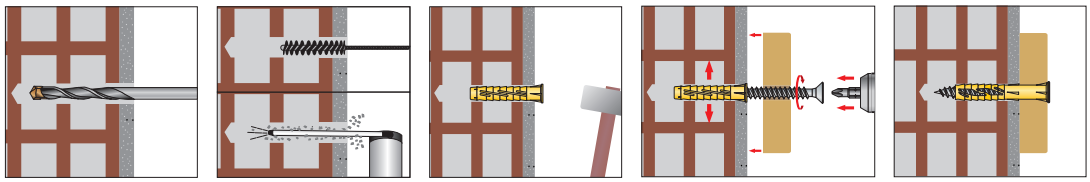


Ø	outside diameter of the anchor
L	anchor length
$Ø_s$	screw diameter
L_s	screw length
t_{fix}	thickness of fixture
d_0	drill hole diameter
h_1	depth of drilled hole to deepest point
h_t	minimum shell thickness of the hollow material
h_{min}	minimum thickness of base material
h_{nom}	overall anchor embedment depth
h_{ef}	effective anchorage depth
d_f	diameter of clearance hole in the fixture
lm	recess
c_{min}	minimum edge distance
s_{min}	minimum spacing

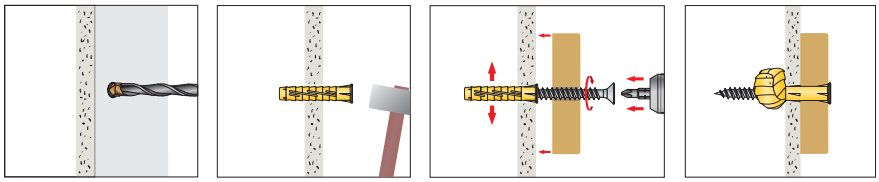
Installation sequence in solid materials (solid masonry, tuff, autoclaved aerated concrete, ...)



Installation sequence in hollow or perforated masonry (perforated masonry, hollow materials, ...)



Installation sequence on drywall



Tecfi FIXING SYSTEMS

TECHNICAL DATA SHEET

For IN-PLACE FIXING

RX 0x

Multi-purpose nylon anchor

handyplug NYLON ANCHORS RX The Yellow Power

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Name/No DOC:
ST RX0x
Revision n. **2.01**
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Replaced revision: 2.00
(Dated: 03/04/2024)



TECHNICAL DATA

Item code	Ø x L (mm)	Ø$_s$ x L$_s$ (mm)	t$_{fix}$ (mm)	d$_0$ [1] (mm)	h$_1$ (mm)	h$_{min}$ (mm)	h$_t$ [2] (mm)	h$_{nom}$ (mm)	h$_{ef}$ (mm)	d$_f$ (mm)	lm (PZ)	c$_{min}$ [3] (mm)	s$_{min}$ [3] (mm)	maximum suggested load (kg) [4]						
RX 0x 06 045	6 x 45	4,5 x 55*	10	6	60	80	21	35	30	7	2	60	60	40	30	-	20	6	6	30
RX 0x 08 052	8 x 52	5 x 60	10	8	70	100	19	42	37	9	2	80	80	50	40	-	25	8	6	30
RX 0x 10 060	10 x 60	6 x 70	10	10	80	110	20	60	60	7	2	90	90	60	35	-	30	10	20	30
RX 0x 14 100	14 x 100	10 x 120	30	14	130	160	22	100	100	12	2	120	120	120	70	-	80	40	40	-

RX 0x = RX02 - RX03 - RX04 - RX05 - RX07
* RX 04 06 045 and RX 05 06 045 with screw 4,5x60mm

1) For solid materials drill the hole in rotary hammer mode. For perforated and hollow materials drill the hole in rotary mode.
2) Value to be met only for applications on materials with large cavities.
3) Minimum spacing and edge distances, valid only for concrete with strength class ≥ C20/25.
4) Service loads.

Concrete
Non-cracked concrete:
strength class C20/25

Perforated masonry
Type "Alveolater A200" with characteristic compressive strength in the normal direction of the holes > 1,5 N/mm^2

Drywall
Drywall thickness: 12 mm

Solid Masonry
Bricks density: 1,7 Kg/dm^3
Compressive strength: > 39 N/mm^2

Tuff
Type "Fiorditufo" vulcanic tuff
Compressive strength: 7,5 N/mm^2

Aerated autoclavated concrete
Type "Gasbeton, Betoncell Evolution"
Compressive strength: > 3 N/mm^2

Concrete block
Shell thickness: 25 mm

