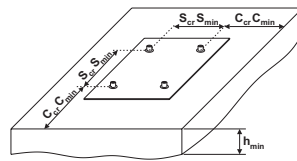
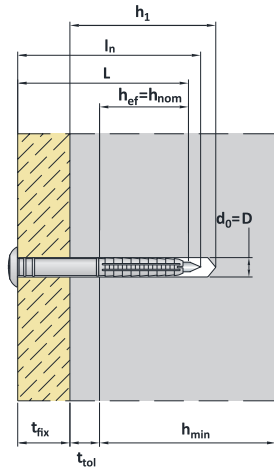


**YZ 54** Tassello in nylon multiespansione testa a fungo con vite TGS a percussione in acciaio INOX A2 (AISI 304)

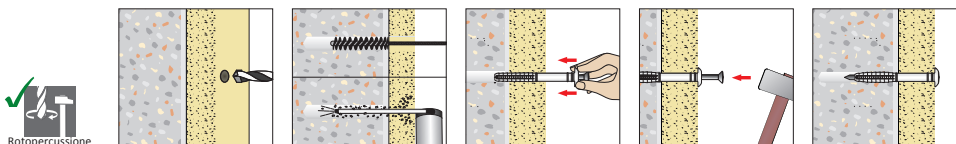


**SCHEDA TECNICA**



|                        |   |
|------------------------|---|
| <b>D x L</b>           | diametro esterno ancorante x lunghezza ancorante                  |
| <b>t<sub>fix</sub></b> | massimo spessore fissabile  |
| <b>t<sub>tol</sub></b> | spessore di intonaco  |
| <b>d<sub>0</sub></b>   | diametro del foro   |
| <b>h<sub>1</sub></b>   | profondità del foro   |
| <b>h<sub>min</sub></b> | spessore del materiale di supporto                                |
| <b>h<sub>nom</sub></b> | profondità di inserimento   |
| <b>h<sub>ef</sub></b>  | effettiva profondità di ancoraggio                                |
| <b>S<sub>min</sub></b> | minimo interasse consentito                                       |
| <b>C<sub>min</sub></b> | minima distanza dal bordo consentita                              |
| <b>F<sub>Rk</sub></b>  | Resistenza caratteristica indipendente dalla direzione del carico |

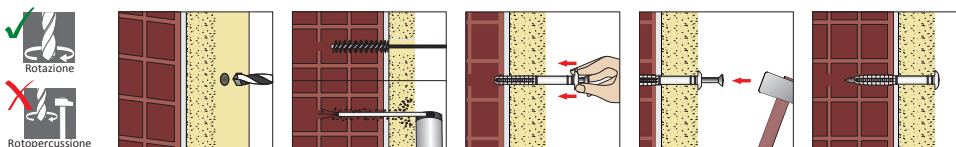
**Sequenza di installazione su materiali compatti**



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

|                              |  |                      |
|------------------------------|--|----------------------|
| <br>CALCESTRUZZO<br>≥ C20/25 | Resistenza caratteristica (F <sub>Rk</sub> ) |                      |
|                              | Ø 5  | Ø 6                  |
|                              | 0,30 kN <sup>2</sup>                         | 0,45 kN <sup>2</sup> |

**Sequenza di installazione su materiali semipieni**

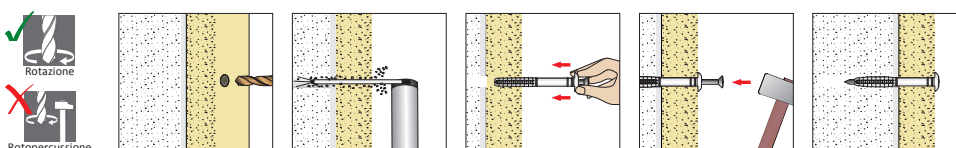


ATTENZIONE: Nei materiali forati o semipieni eseguire il foro con la sola modalità di rotazione

|                          |  |                      |
|--------------------------|--|----------------------|
| <br>MURATURA<br>FORATA * | Resistenza caratteristica (F <sub>Rk</sub> ) |                      |
|                          | Ø 5  | Ø 6                  |
|                          | 0,26 kN <sup>2</sup>                         | 0,35 kN <sup>2</sup> |

\* con densità ≥ 0,54kg/dm<sup>3</sup>e  
resistenza caratteristica ≥ 6N/mm<sup>2</sup>

**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

|  |  |                      |
|--|--|----------------------|
| <br>CALCESTRUZZO<br>AERATO AUTOCLAVATO** | Resistenza caratteristica (F <sub>Rk</sub> ) |                      |
|  | Ø 5  | Ø 6                  |
|  | 0,15 kN <sup>2</sup>                         | 0,26 kN <sup>2</sup> |

\*\* con densità ≥ 0,35kg/dm<sup>3</sup>

**DATI TECNICI PER APPLICAZIONI SU CALCESTRUZZO E MURATURA**

| Codice Articolo | Misura Ancorante<br>D x L (mm) | t <sub>fix</sub> + t <sub>tol</sub><br>(mm) | d <sub>0</sub><br>(mm) | h <sub>1</sub><br>(mm) | h <sub>nom</sub><br>(mm) | h <sub>ef</sub><br>(mm) | C <sub>min</sub> <sup>2)</sup><br>(mm) | S <sub>min</sub> <sup>2)</sup><br>(mm) | h <sub>min</sub><br>(mm) |
|-----------------|--------------------------------|---|------------------------|------------------------|--------------------------|-------------------------|--|--|--------------------------|
| <b>Ø 5</b>      |                                |   |                        |                        |                          |                         |  |  |                          |
| YZ 54 05 030    | 5 x 30                         | 3   | 5                      | 40                     | 25                       | 25                      | 100                                    | 100                                    | 50                       |
| <b>Ø 6</b>      |                                |   |                        |                        |                          |                         |  |  |                          |
| YZ 54 06 040    | 6 x 40                         | 8   | 6                      | 45                     | 32                       | 32                      | 100                                    | 100                                    | 50                       |
| YZ 54 06 050    | 6 x 50                         | 18  |                        |                        |                          |                         |  |  |                          |
| YZ 54 06 060    | 6 x 60                         | 28  |                        |                        |                          |                         |  |  |                          |
| YZ 54 06 080    | 6 x 80                         | 48  |                        |                        |                          |                         |  |  |                          |
| YZ 54 06 100    | 6 x 100                        | 68  |                        |                        |                          |                         |  |  |                          |

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

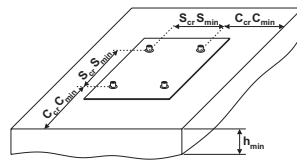
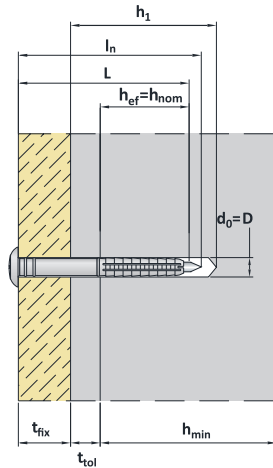
2) 1 kN ≈ 100 kg

YZ 54

Multi-expansion mushroom head grey nylon anchor, with A2 (AISI 304) stainless steel raised countersunk head nail screw

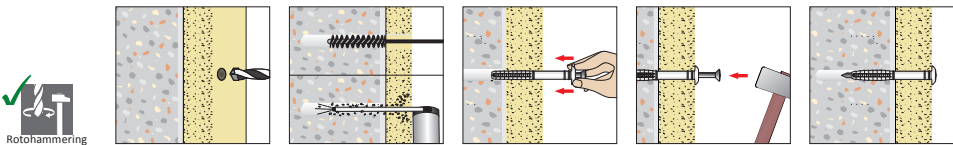


TECHNICAL DATA SHEET



|                        |  |
|------------------------|--|
| <b>D x L</b>           | anchor diameter x anchor length  |
| <b>t<sub>fix</sub></b> | maximum thickness of fixture   |
| <b>t<sub>tol</sub></b> | thickness of plaster   |
| <b>d<sub>0</sub></b>   | drill hole diameter  |
| <b>h<sub>1</sub></b>   | depth of drill hole  |
| <b>h<sub>min</sub></b> | minimum thickness of the member  |
| <b>h<sub>nom</sub></b> | overall anchor embedment depth   |
| <b>h<sub>ef</sub></b>  | effective anchorage depth  |
| <b>S<sub>min</sub></b> | minimum allowable spacing  |
| <b>C<sub>min</sub></b> | minimum allowable edge distance  |
| <b>F<sub>Rk</sub></b>  | Characteristic resistance of the fastener regardless of the load direction |

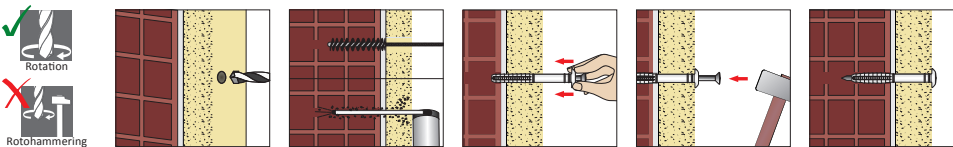
Installation sequence in concrete and solid masonry



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

|  |                      |  |                      |
|--|----------------------|--|----------------------|
|  | CONCRETE<br>≥ C20/25 | Characteristic resistance (F <sub>Rk</sub> ) |                      |
|  |                      | ∅ 5  | ∅ 6                  |
|  |                      | 0,30 kN <sup>2</sup>                         | 0,45 kN <sup>2</sup> |

Installation sequence in hollow masonry

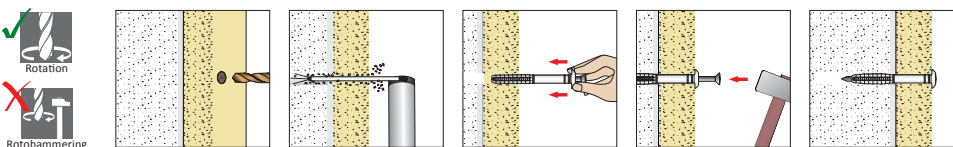


WARNING: In perforated and hollow masonry, drill the hole with rotary drilling only

|  |                    |  |                      |
|--|--------------------|--|----------------------|
|  | HOLLOW<br>MASONRY* | Characteristic resistance (F <sub>Rk</sub> ) |                      |
|  |                    | ∅ 5  | ∅ 6                  |
|  |                    | 0,26 kN <sup>2</sup>                         | 0,35 kN <sup>2</sup> |

\* con densità ≥ 0,54kg/dm<sup>3</sup>e  
resistenza caratteristica ≥ 6N/mm<sup>2</sup>

Installation sequence in aerated autoclaved concrete



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

|  |                                  |  |                      |
|--|----------------------------------|--|----------------------|
|  | AERATED AUTOCLAVED<br>CONCRETE * | Characteristic resistance (F <sub>Rk</sub> ) |                      |
|  |                                  | ∅ 5  | ∅ 6                  |
|  |                                  | 0,15 kN <sup>2</sup>                         | 0,26 kN <sup>2</sup> |

\*\* con densità ≥ 0,35kg/dm<sup>3</sup>

TECHNICAL DATA FOR USE IN CONCRETE AND MASONRY

| Item Code    | Anchor Size<br>D x L (mm) | t <sub>fix</sub> + t <sub>tol</sub><br>(mm) | d <sub>0</sub><br>(mm) | h <sub>1</sub><br>(mm) | h <sub>nom</sub><br>(mm) | h <sub>ef</sub><br>(mm) | C <sub>min</sub> <sup>2)</sup><br>(mm) | S <sub>min</sub> <sup>2)</sup><br>(mm) | h <sub>min</sub><br>(mm) |
|--------------|---------------------------|---|------------------------|------------------------|--------------------------|-------------------------|--|--|--------------------------|
| <b>∅ 5</b>   |                           |   |                        |                        |                          |                         |  |  |                          |
| YZ 54 05 030 | 5 x 30                    | 3   | 5                      | 40                     | 25                       | 25                      | 100                                    | 100                                    | 50                       |
| <b>∅ 6</b>   |                           |   |                        |                        |                          |                         |  |  |                          |
| YZ 54 06 040 | 6 x 40                    | 8   | 6                      | 45                     | 32                       | 32                      | 100                                    | 100                                    | 50                       |
| YZ 54 06 050 | 6 x 50                    | 18  |                        |                        |                          |                         |  |  |                          |
| YZ 54 06 060 | 6 x 60                    | 28  |                        |                        |                          |                         |  |  |                          |
| YZ 54 06 080 | 6 x 80                    | 48  |                        |                        |                          |                         |  |  |                          |
| YZ 54 06 100 | 6 x 100                   | 68  |                        |                        |                          |                         |  |  |                          |

1) The minimum spacing and edge distance values are only referred to low strength concrete C20/25

2) 1 kN ≈ 100 kg