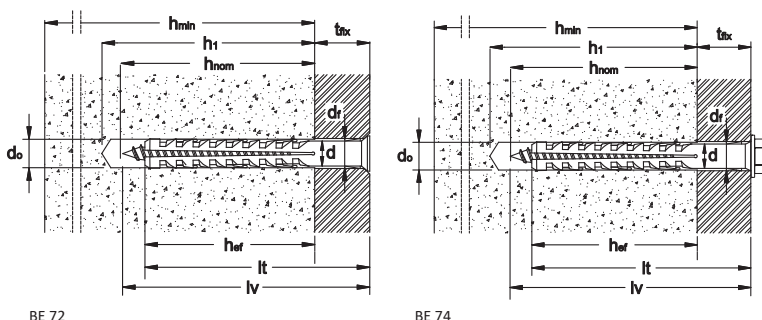


## BE 72 - BE 74 Tasselli in nylon prolungati con sei alette e vite a legno in acciaio INOX A4-70 (AISI 316)

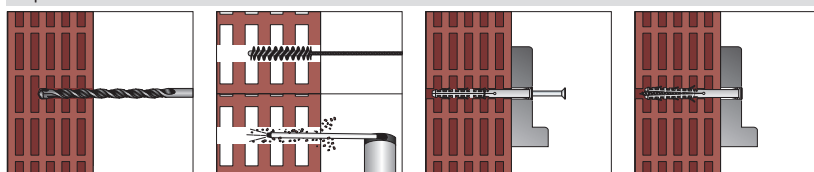


### SCHEDA TECNICA

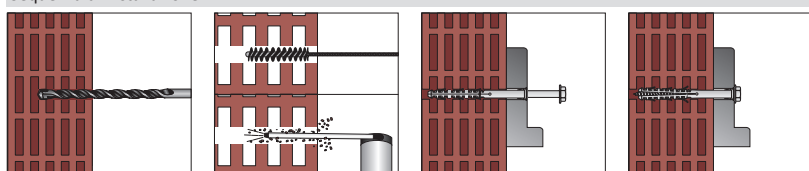


|           |   |
|-----------|---|
| $d_{nom}$ | diametro tassello   |
| $l_t$     | lunghezza tassello  |
| $d_v$     | diametro vite   |
| $l_v$     | lunghezza vite  |
| $t_{fix}$ | massimo spessore fissabile  |
| $d_o$     | diametro del foro   |
| $h_1$     | profondità del foro   |
| $h_{min}$ | spessore del materiale di supporto  |
| $h_{nom}$ | profondità di inserimento   |
| $h_{ef}$  | effettiva profondità di ancoraggio  |
| $d_f$     | diametro del foro nell'elemento da fissare  |
| $T$       | impronta a 6 lobi   |
| $SW$      | misura chiave   |
| $c_{min}$ | minima distanza dal bordo consentita  |
| $s_{min}$ | minimo interasse consentito   |
| $c_{cr}$  | distanza dal bordo che assicura la trasmissione della resistenza caratteristica di un ancoraggio singolo                      |
| $s_{cr}$  | interasse tra ancoraggi in gruppo tale da assicurare la trasmissione della resistenza caratteristica di un ancoraggio singolo |
| $N_k$     | Carico caratteristico a estrazione  |
| $V_k$     | Carico caratteristico a taglio  |
| $F_{Rk}$  | resistenza caratteristica indipendente dalla direzione del carico   |

#### Sequenza di installazione BE 72



#### Sequenza di installazione BE 74



### DATI TECNICI PER APPLICAZIONI SU CALCESTRUZZO E MURATURA

| Codice Articolo |              | Misura<br>Ancorante<br><i>d<sub>nom</sub> X l<sub>t</sub>(mm)</i> | Misura<br>Vite<br><i>d<sub>v</sub> x l<sub>v</sub> (mm)</i> | t <sub>fix</sub><br>(mm) | d <sub>o</sub><br>(mm) | h <sub>1</sub><br>(mm) | h <sub>min</sub><br>(mm) | h <sub>nom</sub><br>(mm) | h <sub>ef</sub><br>(mm) | d <sub>f</sub><br>(mm) | SW<br>(mm) | T  | c <sub>min</sub><br>(mm) | s <sub>min</sub><br>(mm) | c <sub>cr</sub><br>(mm) | s <sub>cr</sub><br>(mm) |
|-----------------|--------------|---|---|--------------------------|------------------------|------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------|----|--------------------------|--------------------------|-------------------------|-------------------------|
| Ø 8             |              |   |   |                          |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 08 080    | BE 74 08 080 | 8 x 80  | 5,5 x 85  | 20                       | 8                      | 80                     | 120                      | 60                       | 60                      | 8,5                    | 10         | 30 | 60                       | 60                       | 90                      | 180                     |
| BE 72 08 100    | BE 74 08 100 | 8 x 100   | 5,5 x 105   | 40                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 08 120    | BE 74 08 120 | 8 x 120   | 5,5 x 125   | 60                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| Ø 10            |              |   |   |                          |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 080    | BE 74 10 080 | 10 x 80   | 7 x 85  | 20                       | 10                     | 80                     | 120                      | 60                       | 60                      | 11                     | 12         | 40 | 60                       | 60                       | 90                      | 180                     |
| BE 72 10 100    | BE 74 10 100 | 10 x 100  | 7 x 105   | 40                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 115    | BE 74 10 115 | 10 x 115  | 7 x 120   | 55                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 135    | BE 74 10 135 | 10 x 135  | 7 x 140   | 75                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 160    | BE 74 10 160 | 10 x 160  | 7 x 165   | 100                      |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 200    | BE 74 10 200 | 10 x 200  | 7 x 205   | 140                      |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |

| CALCESTRUZZO | $N_k$<br>(kN) | $V_k$<br>(kN) |
|--------------|---------------|---------------|
|              | Ø 8           | 1,05          |
|              | Ø 10          | 2,33          |
|              |               | 1,30          |
|              |               | 4,36          |

| GASBETON | $F_{Rk}$<br>(kN) |
|----------|------------------|
|          | Ø 8              |
|          | Ø 10             |
|          | 0,3              |
|          | 0,4              |

| MATTONE FORATO | $F_{Rk}$<br>(kN) |
|----------------|------------------|
|                | Ø 8              |
|                | Ø 10             |
|                | 0,6              |
|                | 0,9              |

Per i dati non inseriti in tabella rivolgersi al Laboratorio Tecfi

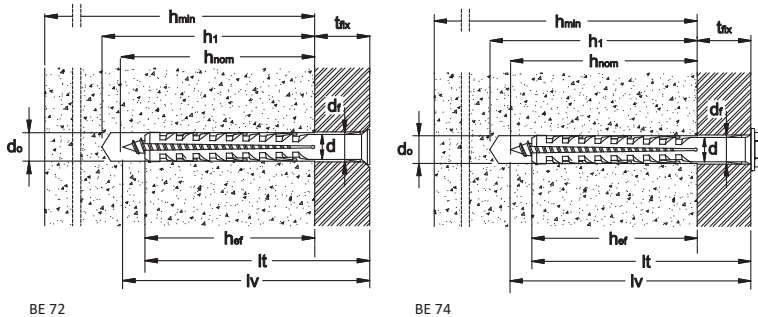
In tabella sono indicati i CARICHI CARATTERISTICI per prove effettuate su calcestruzzo C20/25 non fessurato senza influenza del bordo e/o dell' interasse (valori di estrazione e taglio in kN: 1kN = 100Kg ).

## BE 72 - BE 74

CSK head nylon anchor with A4-70 (AISI 316) stainless steel wood screw

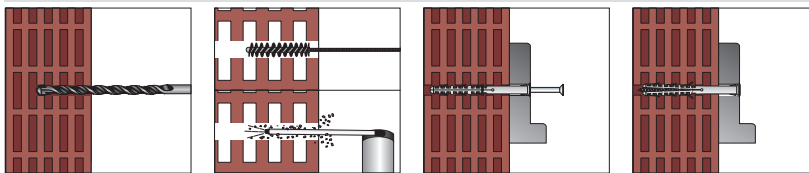


### TECHNICAL DATA SHEET

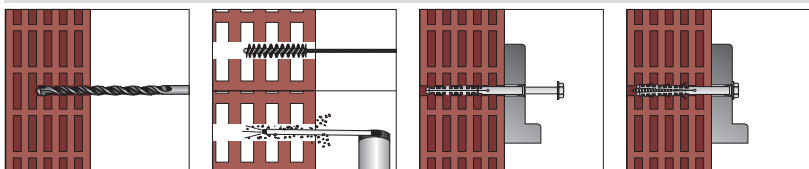


|           |   |
|-----------|---|
| $d_{nom}$ | anchor diameter   |
| $l$       | anchor length   |
| $d_v$     | screw diameter  |
| $l_v$     | screw length  |
| $t_{fix}$ | maximum thickness of fixture  |
| $d_o$     | drill hole diameter   |
| $h_1$     | depth of drill hole   |
| $h_{min}$ | minimum thickness of the member   |
| $h_{nom}$ | minimum overall anchor embedment depth  |
| $h_{ef}$  | effective anchorage depth   |
| $d_f$     | diameter of clearance hole in the fixture   |
| $T$       | 6 lobe recess   |
| $SW$      | wrench size   |
| $c_{min}$ | minimum allowable edge distance   |
| $s_{min}$ | minimum allowable spacing   |
| $C_{cr}$  | edge distance for ensuring the transmission of the characteristic resistance of a single anchor |
| $S_{cr}$  | spacing for ensuring the transmission of the characteristic resistance of a single anchor       |
| $N_k$     | characteristic resistance to tension load   |
| $V_k$     | characteristic resistance to shear load   |
| $F_{Rk}$  | resistance independent from load direction  |

#### BE 72 installation sequence



#### BE 74 installation sequence



### TECHNICAL DATA FOR USE IN CONCRETE AND MASONRY

| Item Code    |              | Anchor<br>Size<br><i>d<sub>nom</sub> x l<sub>t</sub> (mm)</i> | Screw<br>Size<br><i>d<sub>v</sub> x l<sub>v</sub>(mm)</i> | t <sub>fix</sub><br>(mm) | d <sub>o</sub><br>(mm) | h <sub>1</sub><br>(mm) | h <sub>min</sub><br>(mm) | h <sub>nom</sub><br>(mm) | h <sub>ef</sub><br>(mm) | d <sub>f</sub><br>(mm) | SW<br>(mm) | T  | c <sub>min</sub><br>(mm) | s <sub>min</sub><br>(mm) | c <sub>cr</sub><br>(mm) | s <sub>cr</sub><br>(mm) |
|--------------|--------------|---|---|--------------------------|------------------------|------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------|----|--------------------------|--------------------------|-------------------------|-------------------------|
| Ø 8          |              |   |   |                          |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 08 080 | BE 74 08 080 | 8 x 80  | 5,5 x 85  | 20                       | 8                      | 80                     | 120                      | 60                       | 60                      | 8,5                    | 10         | 30 | 60                       | 60                       | 90                      | 180                     |
| BE 72 08 100 | BE 74 08 100 | 8 x 100   | 5,5 x 105   | 40                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 08 120 | BE 74 08 120 | 8 x 120   | 5,5 x 125   | 60                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| Ø 10         |              |   |   |                          |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 080 | BE 74 10 080 | 10 x 80   | 7 x 85  | 20                       | 10                     | 80                     | 120                      | 60                       | 60                      | 11                     | 12         | 40 | 60                       | 60                       | 90                      | 180                     |
| BE 72 10 100 | BE 74 10 100 | 10 x 100  | 7 x 105   | 40                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 115 | BE 74 10 115 | 10 x 115  | 7 x 120   | 55                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 135 | BE 74 10 135 | 10 x 135  | 7 x 140   | 75                       |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 160 | BE 74 10 160 | 10 x 160  | 7 x 165   | 100                      |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |
| BE 72 10 200 | BE 74 10 200 | 10 x 200  | 7 x 205   | 140                      |                        |                        |                          |                          |                         |                        |            |    |                          |                          |                         |                         |

| CONCRETE | $N_k$<br>(kN) | $V_k$<br>(kN) |
|----------|---------------|---------------|
|          | Ø 8           | 1,05          |
|          | Ø 10          | 2,33          |
|          |               | 1,30          |
|          |               | 4,36          |

| AAC | $F_{Rk}$<br>(kN) |
|-----|------------------|
|     | Ø 8              |
|     | Ø 10             |
|     | 0,3              |
|     | 0,4              |

| PERFORATED MASONRY | $F_{Rk}$<br>(kN) |
|--------------------|------------------|
|                    | Ø 8              |
|                    | Ø 10             |
|                    | 0,6              |
|                    | 0,9              |

For all values not included in the table, please contact Tecfi Lab

Pull-out and shear showed in the table are CHARACTERISTIC LOADS from tests run on non-cracked concrete C20/25 without edge and spacing effect (Pull-out and shear loads are in kN: 1kN = 100kg).