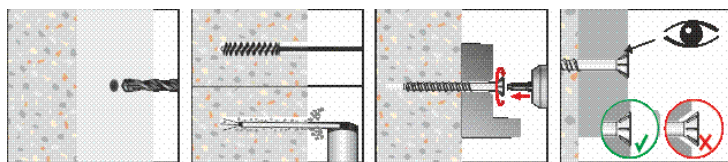
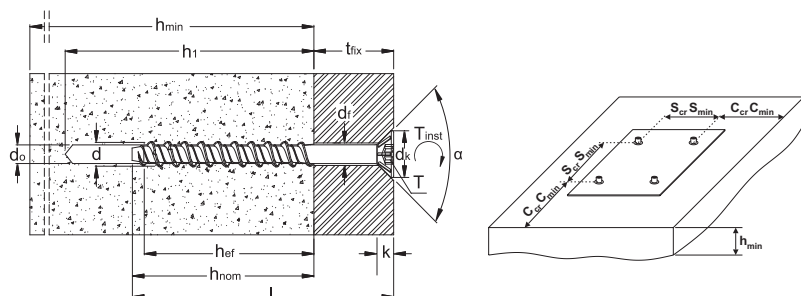


## HX 73 Vite Testa Piana Svasata impronta a 6 lobi per calcestruzzo, in acciaio INOX A4 (AISI 316)



### SCHEDA TECNICA



|                  |   |
|------------------|---|
| $d_v \times l_v$ | diametro vite x lunghezza vite  |
| $t_{fix}$        | spessore massimo fissabile  |
| ...,std          | riferito all'inserimento standard   |
| ...,red          | riferito all'inserimento ridotto  |
| $t_{fix}$        | spessore dell'elemento da fissare   |
| $d_k$            | diametro testa  |
| $k$              | altezza testa   |
| $\alpha$         | angolo svasatura  |
| $d_0$            | diametro del foro   |
| $h_1$            | profondità del foro   |
| $h_{min}$        | spessore del materiale di supporto  |
| $h_{nom}$        | profondità di inserimento   |
| $h_{ef}$         | profondità effettiva di ancoraggio  |
| $d_f$            | diametro del foro nell'elemento da fissare  |
| $T_{inst}$       | coppia di serraggio raccomandata  |
| $T$              | impronta a 6 lobi   |
| $C_{min}$        | 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 |

### DATI TECNICI E RISULTATI DI PROVA SU VITI HX 73 IN CALCESTRUZZO NON FESSURATO

#### Dati geometrici e di installazione

| Codice Articolo              | Misura vite<br>$d_{nom} \times l_t$<br>(mm) | $t_{fix}$<br>(mm) |     |           | $d_0$<br>(mm) | $h_{nom}$<br>(mm) |     |           | $h_{ef}$<br>(mm) |     |           | $h_1$<br>(mm) |     |           | $h_{min}$<br>(mm) |     |           | $d_f$<br>(mm) | $T$ | $C_{min}$<br>(mm) |     | $S_{min}$<br>(mm) |     | $C_{cr}$<br>(mm) |           |    | $S_{cr}$<br>(mm) |     |    |    |
|------------------------------|---|-------------------|-----|-----------|---------------|-------------------|-----|-----------|------------------|-----|-----------|---------------|-----|-----------|-------------------|-----|-----------|---------------|-----|-------------------|-----|-------------------|-----|------------------|-----------|----|------------------|-----|----|----|
|                              |   | std               | red | extra red |               | std               | red | extra red | std              | red | extra red | std           | red | extra red | std               | red | extra red |               |     | std               | red | extra red         | std | red              | extra red |    |                  |     |    |    |
| <b>Ø 6 dk= 12 k= 6 α=90°</b> |   |                   |     |           |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |     |                   |     |                  |           |    |                  |     |    |    |
| HX 73 06 035                 | 6 x 35                                      | -                 | -   | 9         | 5             | -                 | -   | 26        | -                | -   | 20        | -             | -   | 50        | -                 | -   | 80        | 7             | 30  | 35                | 35  | -                 | -   | 20               | -         | -  | 40               | 135 | 80 | 40 |
| HX 73 06 045                 | 6 x 45                                      | -                 | 10  | 19        |               | -                 | 26  | 35        | -                | 20  | 27        | -             | 50  | 65        | -                 | 80  | 80        |               |     |                   |     | -                 | 20  | 40               | -         | 40 | 80               |     |    |    |
| HX 73 06 065                 | 6 x 65                                      | 10                | 30  | 39        |               | 55                | 35  | 26        | 45               | 27  | 20        | 70            | 50  | 35        | 80                | 80  | 90        |               |     |                   |     | 68                | 40  | 20               | 135       | 80 | 40               |     |    |    |
| HX 73 06 080                 | 6 x 80                                      | 25                | 45  | 54        |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |     |                   |     |                  |           |    |                  |     |    |    |

| Codice Articolo              | Misura vite<br>$d_{nom} \times l_t$<br>(mm) | $t_{fix}$<br>(mm) |     |           | $d_0$<br>(mm) | $h_{nom}$<br>(mm) |     |           | $h_{ef}$<br>(mm) |     |           | $h_1$<br>(mm) |     |           | $h_{min}$<br>(mm) |     |           | $d_f$<br>(mm) | $T$ | $C_{min}$<br>(mm) |     | $S_{min}$<br>(mm) |     | $C_{cr}$<br>(mm) |           |  | $S_{cr}$<br>(mm) |  |  |
|------------------------------|---|-------------------|-----|-----------|---------------|-------------------|-----|-----------|------------------|-----|-----------|---------------|-----|-----------|-------------------|-----|-----------|---------------|-----|-------------------|-----|-------------------|-----|------------------|-----------|--|------------------|--|--|
|                              |   | std               | red | extra red |               | std               | red | extra red | std              | red | extra red | std           | red | extra red | std               | red | extra red |               |     | std               | red | extra red         | std | red              | extra red |  |                  |  |  |
| <b>Ø 8 dk= 16 k= 6 α=90°</b> |   |                   |     |           |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |     |                   |     |                  |           |  |                  |  |  |
| HX 73 08 045                 | 8 x 45                                      | -                 | -   | 10        | 6             | -                 | 35  | -         | 27               | -   | 40        | -             | 80  | 10        | 30                | 50  | 40        | 50            | 40  | 75                | 40  | 150               | 80  |                  |           |  |                  |  |  |
| HX 73 08 055                 | 8 x 55                                      | -                 | -   | 20        |               | 60                | 35  | 48        | 27               | 70  | 40        | 100           | 80  |           |                   |     |           |               |     |                   |     |                   |     |                  |           |  |                  |  |  |
| HX 73 08 070                 | 8 x 70                                      | 10                | -   | 35        |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |     |                   |     |                  |           |  |                  |  |  |
| HX 73 08 080                 | 8 x 80                                      | 20                | -   | 45        |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |     |                   |     |                  |           |  |                  |  |  |
| HX 73 08 100                 | 8 x 100                                     | 40                | -   | 65        |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |     |                   |     |                  |           |  |                  |  |  |
| HX 73 08 140                 | 8 x 140                                     | 80                | -   | 105       |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |     |                   |     |                  |           |  |                  |  |  |

\* Installazione possibile solo con avvitatore a impulsi

## HX 73 Vite Testa Piana Svasata impronta a 6 lobi per calcestruzzo, in acciaio INOX A4 (AISI 316)

### Carichi caratteristici

| Codice Articolo | Misura vite<br>$d_{nom} \times l_t$ (mm) | ESTRAZIONE (kN) |      |           | TAGLIO (kN) |       |           | ESTRAZIONE (kN) |      |           | TAGLIO (kN) |      |           | ESTRAZIONE (kN) |      |           | TAGLIO (kN) |      |           | ESTRAZIONE (kN) |      |           | TAGLIO (kN) |      |           |
|-----------------|--|-----------------|------|-----------|-------------|-------|-----------|-----------------|------|-----------|-------------|------|-----------|-----------------|------|-----------|-------------|------|-----------|-----------------|------|-----------|-------------|------|-----------|
|                 |  | std             | red  | extra red | std         | red   | extra red | std             | red  | extra red | std         | red  | extra red | std             | red  | extra red | std         | red  | extra red | std             | red  | extra red | std         | red  | extra red |
| <b>Ø 6</b>      |  | <b>C20/25</b>   |      |           |             |       |           | <b>C30/37</b>   |      |           |             |      |           | <b>C40/50</b>   |      |           |             |      |           | <b>C50/60</b>   |      |           |             |      |           |
| HX 73 06 035    | 6 x 35                                   | -               | -    | 2,00      | -           | -     | 4,50      | -               | -    | 2,44      | -           | -    | 5,49      | -               | -    | 2,82      | -           | -    | 6,35      | -               | -    | 3,10      | -           | -    | 6,50      |
| HX 73 06 045    | 6 x 45                                   | -               | 3,00 | 2,00      | -           | 6,50  | 4,50      | -               | 3,66 | 2,44      | -           | 6,50 | 5,49      | -               | 4,23 | 2,82      | -           | 6,50 | 6,35      | -               | 4,65 | 3,10      | -           | 6,50 | 6,50      |
| HX 73 06 065    | 6 x 65                                   | 9,00            | 3,00 | 2,00      | 6,50        | 6,50  | 4,50      | 11,00           | 3,66 | 2,44      | 6,50        | 6,50 | 5,49      | 12,70           | 4,23 | 2,82      | 6,50        | 6,50 | 6,35      | 13,00           | 4,65 | 3,10      | 6,50        | 6,50 | 6,50      |
| HX 73 06 080    | 6 x 80                                   |                 |      |           |             |       |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |
| <b>Ø 8</b>      |  | <b>C20/25</b>   |      |           |             |       |           | <b>C30/37</b>   |      |           |             |      |           | <b>C40/50</b>   |      |           |             |      |           | <b>C50/60</b>   |      |           |             |      |           |
| HX 73 08 045    | 8 x 45                                   | -               | 4,23 | -         | 7,10        | -     | 5,16      | -               | 8,66 | -         | 5,96        | -    | 9,75      | -               | 6,56 | -         | 9,75        | -    | 6,56      | -               | 9,75 | -         | 9,75        | -    | 9,75      |
| HX 73 08 055    | 8 x 55                                   |                 |      |           |             |       |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |
| HX 73 08 070    | 8 x 70                                   |                 |      |           |             |       |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |
| HX 73 08 080    | 8 x 80                                   | 12,50           | 4,23 | 9,75      | 7,10        | 15,25 | 5,16      | 9,75            | 8,66 | 17,63     | 5,96        | 9,75 | 9,75      | 19,38           | 6,56 | 9,75      | 9,75        |      |           |                 |      |           |             |      |           |
| HX 73 08 100    | 8 x 100                                  |                 |      |           |             |       |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |
| HX 73 08 140    | 8 x 140                                  |                 |      |           |             |       |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |

### Carichi massimi suggeriti (calcolati con un coefficiente di sicurezza pari a 3)

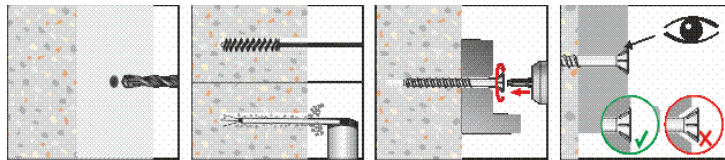
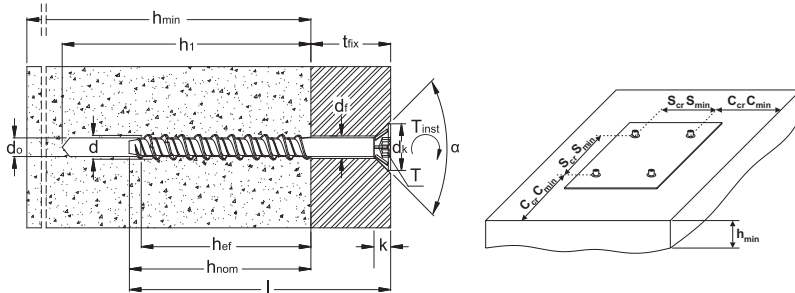
I coefficienti di sicurezza dipendono dai tipi di carico e devono essere presi dai regolamenti nazionali

| Codice Articolo | Misura vite<br>$d_{nom} \times l_t$ (mm) | ESTRAZIONE (kN) |      |           | TAGLIO (kN) |      |           | ESTRAZIONE (kN) |      |           | TAGLIO (kN) |      |           | ESTRAZIONE (kN) |      |           | TAGLIO (kN) |      |           | ESTRAZIONE (kN) |      |           | TAGLIO (kN) |      |           |
|-----------------|--|-----------------|------|-----------|-------------|------|-----------|-----------------|------|-----------|-------------|------|-----------|-----------------|------|-----------|-------------|------|-----------|-----------------|------|-----------|-------------|------|-----------|
|                 |  | std             | red  | extra red | std         | red  | extra red | std             | red  | extra red | std         | red  | extra red | std             | red  | extra red | std         | red  | extra red | std             | red  | extra red | std         | red  | extra red |
| <b>Ø 6</b>      |  | <b>C20/25</b>   |      |           |             |      |           | <b>C30/37</b>   |      |           |             |      |           | <b>C40/50</b>   |      |           |             |      |           | <b>C50/60</b>   |      |           |             |      |           |
| HX 73 06 035    | 6 x 35                                   | -               | -    | 0,67      | -           | -    | 1,50      | -               | -    | 0,81      | -           | -    | 1,83      | -               | -    | 0,94      | -           | -    | 2,12      | -               | -    | 1,03      | -           | -    | 2,17      |
| HX 73 06 045    | 6 x 45                                   | -               | 1,00 | 0,67      | -           | 2,17 | 1,50      | -               | 1,22 | 0,81      | -           | 2,17 | 1,83      | -               | 1,41 | 0,94      | -           | 2,17 | 2,12      | -               | 1,55 | 1,03      | -           | 2,17 | 2,17      |
| HX 73 06 065    | 6 x 65                                   | 3,00            | 1,00 | 0,67      | 2,17        | 2,20 | 1,50      | 3,67            | 1,22 | 0,81      | 2,17        | 2,17 | 1,83      | 4,23            | 1,41 | 0,94      | 2,17        | 2,17 | 2,12      | 4,33            | 1,55 | 1,03      | 2,17        | 2,17 | 2,17      |
| HX 73 06 080    | 6 x 80                                   |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |
| <b>Ø 8</b>      |  | <b>C20/25</b>   |      |           |             |      |           | <b>C30/37</b>   |      |           |             |      |           | <b>C40/50</b>   |      |           |             |      |           | <b>C50/60</b>   |      |           |             |      |           |
| HX 73 08 045    | 8 x 45                                   | -               | 1,41 | -         | 2,37        | -    | 1,72      | -               | 2,89 | -         | 1,99        | -    | 3,25      | -               | 2,19 | -         | 3,25        | -    | 2,19      | -               | 3,25 | -         | 3,25        | -    | 3,25      |
| HX 73 08 055    | 8 x 55                                   |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |
| HX 73 08 070    | 8 x 70                                   |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |
| HX 73 08 080    | 8 x 80                                   | 4,17            | 1,41 | 3,25      | 2,40        | 5,08 | 1,72      | 3,25            | 2,89 | 5,88      | 1,99        | 3,25 | 3,25      | 6,46            | 2,19 | 3,25      | 3,25        |      |           |                 |      |           |             |      |           |
| HX 73 08 100    | 8 x 100                                  |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |
| HX 73 08 140    | 8 x 140                                  |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |                 |      |           |             |      |           |

## HX 73 Patented flat CSK head concrete screw with ribs, 6-Lobe recess, A4 (AISI 316) stainless steel



### TECHNICAL DATA SHEET



|           |   |
|-----------|---|
| $d_{nom}$ | outside diameter of fastener  |
| $l_t$     | length of the fastener  |
| ...,std   | referred to standard embedment depth  |
| ...,red   | referred to reduced embedment depth   |
| $t_{fix}$ | thickness of fixture  |
| $d_0$     | drill hole diameter   |
| $h_{nom}$ | overall fastener embedment depth in the concrete  |
| $h_{ef}$  | effective embedment depth   |
| $h_1$     | depth of drilled hole to deepest point  |
| $h_{min}$ | minimum thickness of concrete member  |
| $d_f$     | diameter of clearance hole in the fixture   |
| $T$       | 6-lobe recess   |
| $c_{min}$ | 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       |

### TECHNICAL DATA AND TEST REPORT ON HX 73 SCREWS ON NON-CRACKED CONCRETE

#### Geometrical and installation data

| Item Code                    | Screw Size<br>$d_{nom} \times l_t$<br>(mm) | $t_{fix}$<br>(mm) |     |           | $d_0$<br>(mm) | $h_{nom}$<br>(mm) |     |           | $h_{ef}$<br>(mm) |     |           | $h_1$<br>(mm) |     |           | $h_{min}$<br>(mm) |     |           | $d_f$<br>(mm) | $T$ | $C_{min}$<br>(mm) | $S_{min}$<br>(mm) | $C_{cr}$<br>(mm) |     |           | $S_{cr}$<br>(mm) |    |    |
|------------------------------|--|-------------------|-----|-----------|---------------|-------------------|-----|-----------|------------------|-----|-----------|---------------|-----|-----------|-------------------|-----|-----------|---------------|-----|-------------------|-------------------|------------------|-----|-----------|------------------|----|----|
|                              |  | std               | red | extra red |               | std               | red | extra red | std              | red | extra red | std           | red | extra red | std               | red | extra red |               |     |                   |                   | std              | red | extra red |                  |    |    |
| <b>Ø 6 dk= 12 k= 6 α=90°</b> |  |                   |     |           |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |                   |                  |     |           |                  |    |    |
| HX 73 06 035                 | 6 x 35                                     | -                 | -   | 9         | 5             | -                 | -   | 26        | -                | -   | 20        | -             | -   | 50        | -                 | -   | 80        | 7             | 30  | 35                | 35                | -                | -   | 20        | -                | -  | 40 |
| HX 73 06 045                 | 6 x 45                                     | -                 | 10  | 19        |               | -                 | 26  | 35        | -                | 20  | 27        | -             | 50  | 65        | -                 | 80  | 80        |               |     |                   |                   | -                | 20  | 40        | -                | 40 | 80 |
| HX 73 06 065                 | 6 x 65                                     | 10                | 30  | 39        |               | 55                | 35  | 26        | 45               | 27  | 20        | 70            | 50  | 35        | 80                | 80  | 90        |               |     |                   |                   | 68               | 40  | 20        | 135              | 80 | 40 |
| HX 73 06 080                 | 6 x 80                                     | 25                | 45  | 54        |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |                   |                  |     |           |                  |    |    |

| Item Code                    | Screw Size<br>$d_{nom} \times l_t$<br>(mm) | $t_{fix}$<br>(mm) |     |           | $d_0$<br>(mm) | $h_{nom}$<br>(mm) |     |           | $h_{ef}$<br>(mm) |     |           | $h_1$<br>(mm) |     |           | $h_{min}$<br>(mm) |     |           | $d_f$<br>(mm) | $T$ | $C_{min}$<br>(mm) | $S_{min}$<br>(mm) | $C_{cr}$<br>(mm) |     |           | $S_{cr}$<br>(mm) |  |  |  |  |  |  |  |  |
|------------------------------|--|-------------------|-----|-----------|---------------|-------------------|-----|-----------|------------------|-----|-----------|---------------|-----|-----------|-------------------|-----|-----------|---------------|-----|-------------------|-------------------|------------------|-----|-----------|------------------|--|--|--|--|--|--|--|--|
|                              |  | std               | red | extra red |               | std               | red | extra red | std              | red | extra red | std           | red | extra red | std               | red | extra red |               |     |                   |                   | std              | red | extra red |                  |  |  |  |  |  |  |  |  |
| <b>Ø 8 dk= 16 k= 6 α=90°</b> |  |                   |     |           |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |                   |                  |     |           |                  |  |  |  |  |  |  |  |  |
| HX 73 08 045                 | 8 x 45                                     | -                 | -   | 10        | 6             | -                 | 35  | -         | 27               | -   | 40        | -             | 80  | 10        | 30                | 50  | 40        | 50            | 40  | 75                | 40                | 150              | 80  |           |                  |  |  |  |  |  |  |  |  |
| HX 73 08 055                 | 8 x 55                                     | -                 | -   | 20        |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |                   |                  |     |           |                  |  |  |  |  |  |  |  |  |
| HX 73 08 070                 | 8 x 70                                     | 10                | 35  |           |               | 60                | 35  | 48        | 27               | 70  | 40        | 100           | 80  |           |                   |     |           |               |     |                   |                   |                  |     |           |                  |  |  |  |  |  |  |  |  |
| HX 73 08 080                 | 8 x 80                                     | 20                | 45  |           |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |                   |                  |     |           |                  |  |  |  |  |  |  |  |  |
| HX 73 08 100                 | 8 x 100                                    | 40                | 65  |           |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |                   |                  |     |           |                  |  |  |  |  |  |  |  |  |
| HX 73 08 140                 | 8 x 140                                    | 80                | 105 |           |               |                   |     |           |                  |     |           |               |     |           |                   |     |           |               |     |                   |                   |                  |     |           |                  |  |  |  |  |  |  |  |  |

\* Setting allowed only with impact wrench

## HX 73 Patented flat CSK head concrete screw with ribs, 6-Lobe recess, A4 (AISI 316) stainless steel



### Characteristic Loads

| Item Code    | Screw Size<br>$d_{nom} \times l_t$ (mm) | PULL OUT (kN) |      |           | SHEAR (kN) |       |           | PULL OUT (kN) |      |           | SHEAR (kN) |      |           | PULL OUT (kN) |      |           | SHEAR (kN) |      |           | PULL OUT (kN) |      |           | SHEAR (kN) |      |           |
|--------------|---|---------------|------|-----------|------------|-------|-----------|---------------|------|-----------|------------|------|-----------|---------------|------|-----------|------------|------|-----------|---------------|------|-----------|------------|------|-----------|
|              |   | std           | red  | extra red | std        | red   | extra red | std           | red  | extra red | std        | red  | extra red | std           | red  | extra red | std        | red  | extra red | std           | red  | extra red | std        | red  | extra red |
| <b>Ø 6</b>   |   | <b>C20/25</b> |      |           |            |       |           | <b>C30/37</b> |      |           |            |      |           | <b>C40/50</b> |      |           |            |      |           | <b>C50/60</b> |      |           |            |      |           |
| HX 73 06 035 | 6 x 35                                  | -             | -    | 2,00      | -          | -     | 4,50      | -             | -    | 2,44      | -          | -    | 5,49      | -             | -    | 2,82      | -          | -    | 6,35      | -             | -    | 3,10      | -          | -    | 6,50      |
| HX 73 06 045 | 6 x 45                                  | -             | 3,00 | 2,00      | -          | 6,50  | 4,50      | -             | 3,66 | 2,44      | -          | 6,50 | 5,49      | -             | 4,23 | 2,82      | -          | 6,50 | 6,35      | -             | 4,65 | 3,10      | -          | 6,50 | 6,50      |
| HX 73 06 065 | 6 x 65                                  | 9,00          | 3,00 | 2,00      | 6,50       | 6,50  | 4,50      | 11,00         | 3,66 | 2,44      | 6,50       | 6,50 | 5,49      | 12,70         | 4,23 | 2,82      | 6,50       | 6,50 | 6,35      | 13,00         | 4,65 | 3,10      | 6,50       | 6,50 | 6,50      |
| HX 73 06 080 | 6 x 80                                  |               |      |           |            |       |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |
| <b>Ø 8</b>   |   | <b>C20/25</b> |      |           |            |       |           | <b>C30/37</b> |      |           |            |      |           | <b>C40/50</b> |      |           |            |      |           | <b>C50/60</b> |      |           |            |      |           |
| HX 73 08 045 | 8 x 45                                  | -             | 4,23 | -         | 7,10       | -     | 7,10      | -             | 5,16 | -         | 8,66       | -    | 8,66      | -             | 5,96 | -         | 9,75       | -    | 9,75      | -             | 6,56 | -         | 9,75       | -    | 9,75      |
| HX 73 08 055 | 8 x 55                                  |               |      |           |            |       |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |
| HX 73 08 070 | 8 x 70                                  |               |      |           |            |       |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |
| HX 73 08 080 | 8 x 80                                  | 12,50         | 4,23 | 9,75      | 7,10       | 15,25 | 5,16      | 9,75          | 8,66 | 17,63     | 5,96       | 9,75 | 9,75      | 19,38         | 6,56 | 9,75      | 9,75       |      |           |               |      |           |            |      |           |
| HX 73 08 100 | 8 x 100                                 |               |      |           |            |       |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |
| HX 73 08 140 | 8 x 140                                 |               |      |           |            |       |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |

### Maximum Suggested Loads (calculated with overall safety factor of 3)

The partial safety factors depend on the type of loading and shall be taken from national regulations

| Item Code    | Screw Size<br>$d_{nom} \times l_t$ (mm) | PULL OUT (kN) |      |           | SHEAR (kN) |      |           | PULL OUT (kN) |      |           | SHEAR (kN) |      |           | PULL OUT (kN) |      |           | SHEAR (kN) |      |           | PULL OUT (kN) |      |           | SHEAR (kN) |      |           |
|--------------|---|---------------|------|-----------|------------|------|-----------|---------------|------|-----------|------------|------|-----------|---------------|------|-----------|------------|------|-----------|---------------|------|-----------|------------|------|-----------|
|              |   | std           | red  | extra red | std        | red  | extra red | std           | red  | extra red | std        | red  | extra red | std           | red  | extra red | std        | red  | extra red | std           | red  | extra red | std        | red  | extra red |
| <b>Ø 6</b>   |   | <b>C20/25</b> |      |           |            |      |           | <b>C30/37</b> |      |           |            |      |           | <b>C40/50</b> |      |           |            |      |           | <b>C50/60</b> |      |           |            |      |           |
| HX 73 06 035 | 6 x 35                                  | -             | -    | 0,67      | -          | -    | 1,50      | -             | -    | 0,81      | -          | -    | 1,83      | -             | -    | 0,94      | -          | -    | 2,12      | -             | -    | 1,03      | -          | -    | 2,17      |
| HX 73 06 045 | 6 x 45                                  | -             | 1,00 | 0,67      | -          | 2,17 | 1,50      | -             | 1,22 | 0,81      | -          | 2,17 | 1,83      | -             | 1,41 | 0,94      | -          | 2,17 | 2,12      | -             | 1,55 | 1,03      | -          | 2,17 | 2,17      |
| HX 73 06 065 | 6 x 65                                  | 3,00          | 1,00 | 0,67      | 2,17       | 2,20 | 1,50      | 3,67          | 1,22 | 0,81      | 2,17       | 2,17 | 1,83      | 4,23          | 1,41 | 0,94      | 2,17       | 2,17 | 2,12      | 4,33          | 1,55 | 1,03      | 2,17       | 2,17 | 2,17      |
| HX 73 06 080 | 6 x 80                                  |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |
| <b>Ø 8</b>   |   | <b>C20/25</b> |      |           |            |      |           | <b>C30/37</b> |      |           |            |      |           | <b>C40/50</b> |      |           |            |      |           | <b>C50/60</b> |      |           |            |      |           |
| HX 73 08 045 | 8 x 45                                  | -             | 1,41 | -         | 2,37       | -    | 2,37      | -             | 1,72 | -         | 2,89       | -    | 2,89      | -             | 1,99 | -         | 3,25       | -    | 3,25      | -             | 2,19 | -         | 3,25       | -    | 3,25      |
| HX 73 08 055 | 8 x 55                                  |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |
| HX 73 08 070 | 8 x 70                                  |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |
| HX 73 08 080 | 8 x 80                                  | 4,17          | 1,41 | 3,25      | 2,40       | 5,08 | 1,72      | 3,25          | 2,89 | 5,88      | 1,99       | 3,25 | 3,25      | 6,46          | 2,19 | 3,25      | 3,25       |      |           |               |      |           |            |      |           |
| HX 73 08 100 | 8 x 100                                 |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |
| HX 73 08 140 | 8 x 140                                 |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |               |      |           |            |      |           |