

# SKR EVO | SKS EVO

## SCREW ANCHOR FOR CONCRETE

### RAPID DRY SYSTEM

Fast and easy operation. The special threading requires a small pre-drill and guarantees fastening on concrete without creating expansion stresses in the concrete. Reduced minimum distances.

### C4 EVO COATING

Inorganic-based multilayer coating with a functional outer layer of epoxy matrix with aluminium flakes. Suitability for atmospheric corrosivity class C4 and exposure condition 3.

### LARGER HEAD

Robust and easy to install, thanks to the increased geometry of the SKR hexagonal head.



SKR EVO

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|                         |                                                              |
|-------------------------|--------------------------------------------------------------|
| DIAMETER [in]           | 0.24 (0.30 0.48) 0.63                                        |
| LENGTH [in]             | 2 1/16 (2 3/8 15 3/4) 15 3/4                                 |
| EXPOSURE CONDITION      | EC1 EC3                                                      |
| ATMOSPHERIC CORROSIVITY | C1 C2 C3 C4                                                  |
| WOOD CORROSIVITY        | T1 T2 T3                                                     |
| MATERIAL                | <b>C4</b><br>EVO<br>COATING carbon steel with C4 EVO coating |



### FIELDS OF USE

Fastening of timber or steel elements to concrete supports.

## CODES AND DIMENSIONS

### SKR EVO - hexagonal head

| d <sub>1</sub><br>[mm]<br>[in] | CODE        | L   |        | t <sub>fix</sub><br>[in] | h <sub>1,min</sub><br>[in] | h <sub>nom</sub><br>[in] | d <sub>0</sub><br>[in] | d <sub>F,timber</sub><br>[in] | d <sub>F,steel</sub><br>[in] | T <sub>inst</sub><br>[ft-lbs] | pcs |
|--------------------------------|-------------|-----|--------|--------------------------|----------------------------|--------------------------|------------------------|-------------------------------|------------------------------|-------------------------------|-----|
| 7,5<br>0.30<br>SW 13           | SKREVO7560  | 60  | 2 3/8  | 3/8                      | 2 3/8                      | 1 15/16                  | 1/4                    | 5/16                          | 1/3 - 3/8                    | 11                            | 50  |
|                                | SKREVO7580  | 80  | 3 1/8  | 1 3/16                   | 2 3/8                      | 1 15/16                  | 1/4                    | 5/16                          | 1/3 - 3/8                    | 11                            | 50  |
|                                | SKREVO75100 | 100 | 4      | 13/16                    | 3 1/2                      | 3 1/8                    | 1/4                    | 5/16                          | 1/3 - 3/8                    | 11                            | 50  |
| 10<br>0.40<br>SW 16            | SKREVO1080  | 80  | 3 1/8  | 1 3/16                   | 2 9/16                     | 1 15/16                  | 5/16                   | 3/8                           | 3/8 - 1/2                    | 18                            | 50  |
|                                | SKREVO10100 | 100 | 4      | 13/16                    | 3 3/4                      | 3 1/8                    | 5/16                   | 3/8                           | 3/8 - 1/2                    | 18                            | 25  |
|                                | SKREVO10120 | 120 | 4 3/4  | 1 9/16                   | 3 3/4                      | 3 1/8                    | 5/16                   | 3/8                           | 3/8 - 1/2                    | 18                            | 25  |
|                                | SKREVO10140 | 140 | 5 1/2  | 2 3/8                    | 3 3/4                      | 3 1/8                    | 5/16                   | 3/8                           | 3/8 - 1/2                    | 18                            | 25  |
|                                | SKREVO10160 | 160 | 6 1/4  | 3 1/8                    | 3 3/4                      | 3 1/8                    | 5/16                   | 3/8                           | 3/8 - 1/2                    | 18                            | 25  |
| 12<br>0.48<br>SW 18            | SKREVO12100 | 100 | 4      | 13/16                    | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |
|                                | SKREVO12120 | 120 | 4 3/4  | 1 9/16                   | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |
|                                | SKREVO12140 | 140 | 5 1/2  | 2 3/8                    | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |
|                                | SKREVO12160 | 160 | 6 1/4  | 3 1/8                    | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |
|                                | SKREVO12200 | 200 | 8      | 4 3/4                    | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |
|                                | SKREVO12240 | 240 | 9 1/2  | 6 1/4                    | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |
|                                | SKREVO12280 | 280 | 11     | 8                        | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |
|                                | SKREVO12320 | 320 | 12 5/8 | 8                        | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |
|                                | SKREVO12400 | 400 | 15 3/4 | 9 1/2                    | 4                          | 3 1/8                    | 3/8                    | 1/2                           | 1/2 - 4/7                    | 37                            | 25  |

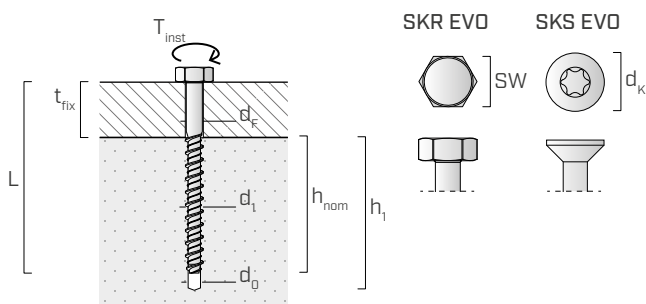
### SKS EVO - countersunk head

| d <sub>1</sub><br>[mm]<br>[in] | CODE        | L   |       | t <sub>fix</sub><br>[in] | h <sub>1,min</sub><br>[in] | h <sub>nom</sub><br>[in] | d <sub>0</sub><br>[in] | d <sub>F,timber</sub><br>[in] | d <sub>K</sub><br>[in] | T <sub>inst</sub><br>[ft-lbs] | pcs |
|--------------------------------|-------------|-----|-------|--------------------------|----------------------------|--------------------------|------------------------|-------------------------------|------------------------|-------------------------------|-----|
| 7,5<br>0.30<br>TX 40           | SKSEVO7560  | 60  | 2 3/8 | 3/8                      | 2 3/8                      | 1 15/16                  | 1/4                    | 5/16                          | 0.512                  | -                             | 50  |
|                                | SKSEVO7580  | 80  | 3 1/8 | 1 3/16                   | 2 3/8                      | 1 15/16                  | 1/4                    | 5/16                          | 0.512                  | -                             | 50  |
|                                | SKSEVO75100 | 100 | 4     | 13/16                    | 3 1/2                      | 3 1/8                    | 1/4                    | 5/16                          | 0.512                  | -                             | 50  |
|                                | SKSEVO75120 | 120 | 4 3/4 | 1 9/16                   | 3 1/2                      | 3 1/8                    | 1/4                    | 5/16                          | 0.512                  | -                             | 50  |
|                                | SKSEVO75140 | 140 | 5 1/2 | 2 3/8                    | 3 1/2                      | 3 1/8                    | 1/4                    | 5/16                          | 0.512                  | -                             | 50  |
|                                | SKSEVO75160 | 160 | 6 1/4 | 3 1/8                    | 3 1/2                      | 3 1/8                    | 1/4                    | 5/16                          | 0.512                  | -                             | 50  |

## ADDITIONAL PRODUCTS - ACCESSORIES

| CODE     | description                   | pcs |
|----------|-------------------------------|-----|
| SOCKET13 | SW 13 bushing 1/2" connection | 1   |
| SOCKET16 | SW 16 bushing 1/2" connection | 1   |
| SOCKET18 | SW 18 bushing 1/2" connection | 1   |

## GEOMETRY



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| d <sub>1</sub>    | external diameter of anchor                         |
| L                 | anchor length                                       |
| t <sub>fix</sub>  | maximum fastening thickness                         |
| h <sub>1</sub>    | minimum hole depth                                  |
| h <sub>nom</sub>  | nominal anchoring depth                             |
| d <sub>0</sub>    | hole diameter in the concrete support               |
| d <sub>F</sub>    | maximum hole diameter in the element to be fastened |
| SW                | wrench size                                         |
| d <sub>K</sub>    | head diameter                                       |
| T <sub>inst</sub> | tightening torque                                   |