

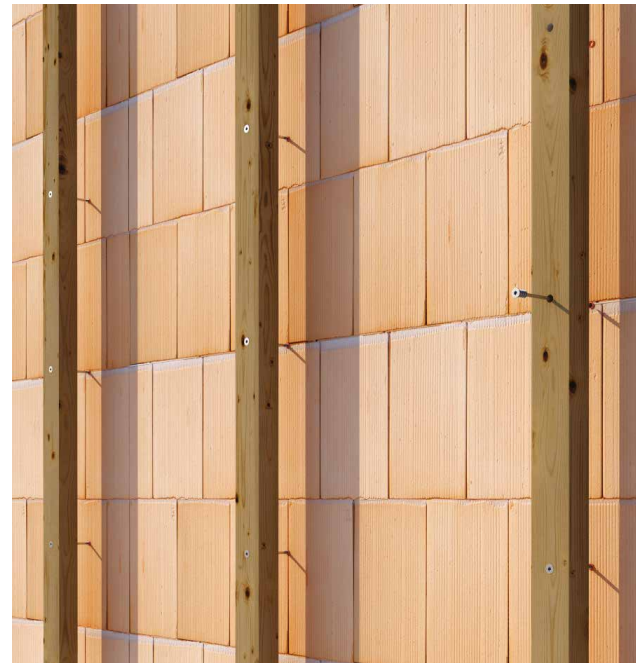
TIMBER-BRICKWORK SPACER SCREW

DOUBLE THREAD, DIFFERENTIATED

Underhead thread with specially designed geometry to create and regulate a space between the fastenable thicknesses.

FASTENING TO BRICKWORK

Underhead thread with a greater diameter to allow fastening to brickwork through the addition of a nylon expansion anchor.



DIAMETER [in]

0.24 ☒ 0.24 ☐ 0.36

LENGTH [in]

3 1/8 ☒ 3 1/8 ☐ 4 3/4 ☐ 20 1/2

EXPOSURE CONDITION

☒ EC1 ☐ DRY

ATMOSPHERIC CORROSIVITY

☒ C1 ☐ C2

WOOD CORROSIVITY

☒ T1 ☐ T2

MATERIAL

Zn
ELECTRO
PLATED

electrogalvanized carbon steel



FIELDS OF USE

The differentiated double thread is ideal for adjusting the position of timber elements on brickwork supports (using the plastic screw anchor) and to create the proper verticality. Ideal for levelling panels on walls, flooring and ceilings.

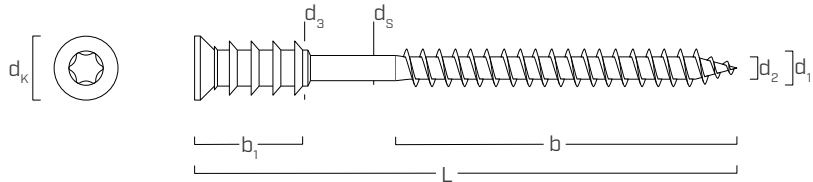
CODES AND DIMENSIONS

NDK GL NYLON SCREW ANCHOR

| d_1 [mm] [in] | CODE | L [mm] [in] | b [mm] [in] | pcs |
|---------------------------|---------|-------------------|-------------------|-----|
| 6 0.24 #14 TX 30 | DRT680 | 80 3 1/8 | 40 1 9/16 | 100 |
| | DRT6100 | 100 4 | 60 2 3/8 | 100 |
| | DRT6120 | 120 4 3/4 | 60 2 3/8 | 100 |

| CODE | d_0 [mm] [in] | L [mm] [in] | pcs |
|---------|-----------------------|-------------------|-----|
| NDKG840 | 8 5/16 | 40 1 9/16 | 100 |

GEOMETRY

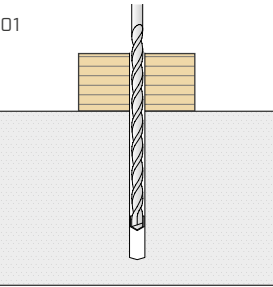
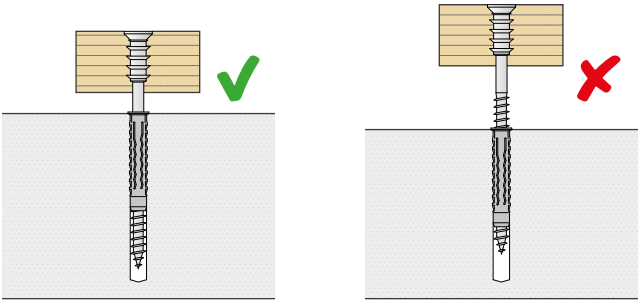


| | | | |
|--|-------|---------------------|-------|
| Nominal diameter | d_1 | [in] ⁽¹⁾ | 0.24 |
| Outer thread diameter | d_1 | [mm] | 6 |
| | | [in] | 0.236 |
| Head diameter | d_K | [in] | 0.472 |
| Root diameter | d_2 | [in] | 0.154 |
| Shank diameter | d_5 | [in] | 0.171 |
| Underhead thread diameter | d_3 | [in] | 0.374 |
| Length head + rings | b_1 | [in] | 0.787 |
| Diameter of concrete/brickwood drilling hole | d_V | [in] | 5/16 |

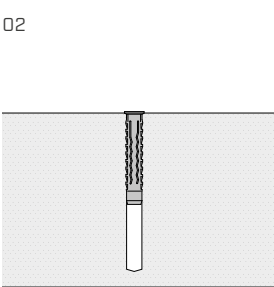
⁽¹⁾The nominal diameter of the screw is converted into imperial units and rounded up to the nearest decimal point.

INSTALLATION

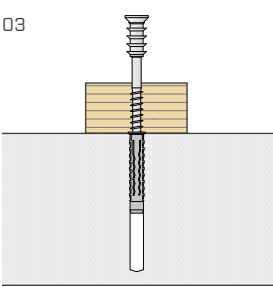
Select the screw length so that the thread is completely inserted in the concrete/brickwork support.



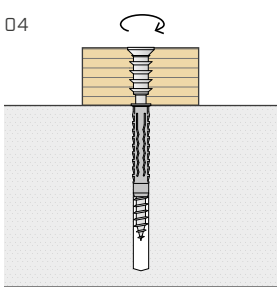
Drill the elements with a $d_V = 0.20$ inch diameter.



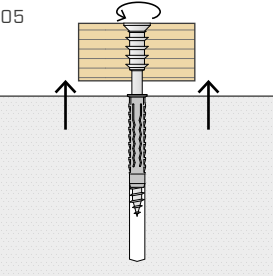
Place the NDK GL nylon screw anchor inside the support.



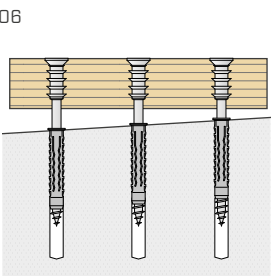
Position the DRT screw.



Attach the batten, screwing in the screw so that the head is flush with the timber.



Loosen the screw based on the desired distance.



Adjust the other screws in a similar manner to level the structure.