



## 12/180 (12X276)

Cod Articol	45584FIS
Marcă	-
UBB	500616649397
UNSPSC	31162101
EAN	4006209455845
PKG. of 1	Exclusiv împachetare

### Parametri tehnici

Diameter	M12
Lungime	189 mm
Caracteristici cheie	<p>Functioning - The FBN II is suitable for pre-positioned and push-through installation; also suitable for stand-off installation under certain conditions. - Prior to installation, place the hexagon nut in the optimal position (the drive-in pin projects by approx. 3 mm out of the hexagon nut). - When applying the torque, the cone bolt is pulled into the expansion clip and expands it against the drill hole wall. - The head embossing offers a simple control of the anchoring. - In the case of series installation, we recommend using the FABS bolt anchor setting tool.</p>

### Standarde

Aprobare ETA

Yes

## Info

do = Nominal diameter of drill bit.  
tfix = Grip range.  
hef = Effective anchorage depth.  
Min. td = Recommended drilling depth.  
kN = Load in kN.  
The allowable load is valid for one single anchor, at cracked concrete (tensile zone) with concrete class C20/25, incl. partial safety factor  $\gamma_f = 1,4$  and if the Scr, N and Ccr, N are taken in to account.  
When reduction on spacing and edge distance take place a re-calculation of forces should be carried out by making use of the technical guide or calculation software, they are available on request.  
Final calculations should comply with the complete European Technical Approval (ETA), this approval is also available on request.

## Specificatii tehnice

## Desen tehnic

