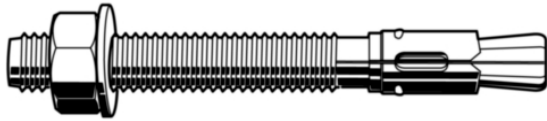


## FISCHER Bolt type FBN II Steel Zinc plated 12/50 (12X146)



Article number	63324.120.050
Brand	-
UBB	500504272237
UNSPSC	31162101
EAN	4006209452646
PKG. of 1	Full Box Only

### Technical Parameters

Diameter	M12
Length	146 mm
Material	Steel
Approval	ETA Option 7
Surface treatment	Zinc plated
Thread	Metric thread
Type no.	FBN II

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  $S_{cr}$ , N and  $C_{cr}$ , N are taken in to account.  
 When reduction on spacing and edge distance take place a re-

### Standards

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.

## Technical Specification

d-D	M12
do	12
hef	65
kN	8.5
L (mm)	146
Min. td	135
Ring ø	24
tfix	50
Type	12/50 (12X146)

## Technical Drawing

