

Technical Specifications

SKU: NF145

Product Name: Eye Bolt Expanding Anchor M6 Sleeved Stainless Steel



Specifications		
Bolt Size	M6	
Shield Length (mm)	40	
Overall Length (mm)	73	
Hole Diameter (mm)	12	
Minimum Hole Depth (mm)	50	
Effective Embedment Depth (mm)	35	
Approx Diameter in Eye (mm)	10	
Recommended Torque (nm)	30N/mm ² Concrete	6.5
	20.5/mm ² Brickwork	5

Performance Data		
Concrete $f_{ck,cube} = 30\text{N/mm}^2$ (C20/25)		
Characteristic Resistance (kN)	Tension (N_{Rk})	9.6
Design Resistance (Factored) (kN)	Tension (N_{Rd})	4.5
Recommended Load (Unfactored) (kN)	Tension (N_{Rec})	3.8
Characteristic Edge Distance (mm)	Tension ($C_{cr,N}$)	100
Characteristic Spacing (mm)	Tension ($S_{cr,N}$)	150
Recommended Load (Unfactored) (kN)	Oblique 45° (F_{rec})	1.67
Characteristic Edge Distance (mm)	Shear ($C_{cr,V}$)	85
Characteristic Spacing (mm)	Shear ($C_{cr,V}$)	100