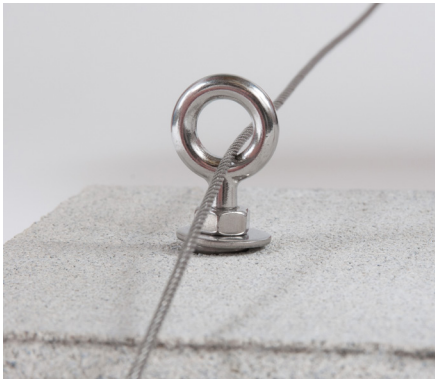


Technical Specifications

SKU: NF145

Product Name: Eye Bolt Expanding Anchor M6 Sleeved Stainless Steel



Specifications		
Bolt Size		M8
Shield Length (mm)		50
Overall Length (mm)		87
Hole Diameter (mm)		14
Minimum Hole Depth (mm)		55
Effective Embedment Depth (mm)		40
Approx Diameter in Eye (mm)		12
Recommended Torque (nm)	30N/mm ² Concrete	15
	20.5/mm ² Brickwork	7.5

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