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PRODUCT DATASHEET

WIREHANGER

Product Details

Designed for: Fixing cables/wires in suspended ceiling applications.
Head style: Flat
Size: M6 x 60.0mm
Eye diameter: 6.5mm
Coating: Clear zinc passivated
Shank material: Carbon steel
Material grade: AISI C1022
Drill diameter: 6.0mm
Pilot hole: 6.0mm
Min. drill depth: 35.0mm
Fire tested: Yes, to EN1364-1

Technical Data

Ultimate pull out values				
Diameter	Drill Point	Concrete Grade		
		C20/25	C30/35	C40/45
6.0mm	Flat	4.5kN	5.2kN	6.0kN

Ultimate Mechanical Performance		
Diameter	Tensile Strength	Shear Strength
6.0mm	14.0kN	11.4kN

Hardness rating (Vickers scale)		
Diameter	Surface hardness	Core hardness
6.0mm	350.0HV	250.0HV

NOTE: The results expressed in the datasheet are taken as mean loads from a range of empirical tests and are ultimate unfactored loads. Each specifier or end user should make his/ her own decision on what safety factors to use relevant to their design application (such as BS 5950, EN 1991, etc).
 Errors and Omissions Excepted.



ABOUT OUR TESTING



All test results were derived from empirical testing performed by ETAS (Evolution Testing & Analytical Services), a UKAS (United Kingdom Accreditation Service) accredited testing laboratory (Accreditation No. 7485). The following tests were performed to the following standards.



7485

Testing Procedures

Test/ Parameter	Standard/ Method/ Procedure
Ultimate Tensile	ISO 6892-1: 2009 "Metallic materials – tensile testing – Part 1: Method of test at room temperature".
Ultimate Shear	MIL-STD-1312-13 "Military Standard: Fastener test method (Method 13) Double shear test".
Pull Out (Withdrawal Force)	EN 14566: 2009 "Mechanical fasteners for gypsum plasterboard systems. Definitions, requirements and test methods".
Pull Over	EN 14592: 2008 "Timber structures. Dowel type fasteners. Requirements".
Hardness	ISO 650 7-1: 2005 "Metallic materials – Vickers hardness test – Part 1: Test method".
Corrosion Resistance	EN ISO 9227: 2012 "Corrosion tests in artificial atmospheres. Salt spray tests".
Drilling Time Test	EN 14566: 2009 "Mechanical fasteners for gypsum plasterboard systems. Definitions, requirements and test methods".

Laboratory Contact Details

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