

# Pigtail Eye Bolt

Product specification: Refer to table below  
 Category: Solid bolts / Accessories

## Introduction

The **Pigtail Eye Bolt** is a robust and reliable solution designed for suspension applications in various industries. Its threaded design allows for secure anchoring using expansion shells, while the large eye facilitates easy attachment for cabling, ventilation systems, electrical wiring, water piping, and tooling. This bolt is engineered to provide excellent performance and ease of installation, making it ideal for both temporary and permanent setups.

## Key features

- Thread Design, M16 thread provides compatibility with standard applications.
- 3-Leaf Expansion Shell ensures strong and reliable anchoring.
- Large Eye Diameter allows for quick and easy attachment of accessories and equipment.
- Long Thread Length maximizes tension against the inner hole wall for enhanced stability.
- Versatile Shell Sizes compatible with multiple expansion shell sizes for various hole diameters.
- User-Friendly Installation, no special tools required



## Main advantages

- Simple installation process reduces setup time.
- Ultimate tensile load of 78.5 kN ensures strength under demanding conditions.
- Durable materials provide longevity in challenging environments.
- Available in multiple lengths and compatible with various hole sizes
- Designed to handle significant loads with calculated shear strength of 44.6 kN

Technical specifications		Expansion shell specification		
Thread type	M16	Expansion shell	Minimum hole Size	Maximum hole size
Bar diameter	14.5 mm	32	32.5 mm	36.5 mm
Minimum ultimate load	78.5 kN	35	35.5 mm	41 mm
Calculated shear strength <sup>1)</sup>	44.6 kN	38	38.5 mm	44 mm
Standard eye diameter	60 mm	43	43.5 mm	49 mm
Length	380,450,500 mm			

1) Shear values calculated at 60% of the U.T.S.

**Other options**

- Additional lengths available upon request.
- For unique applications, larger or smaller eye sizes can be customized.
- Anti-corrosion coatings for harsh environmental conditions.

**Applications**

- Suspension of cables, pipes, and tools in:
  - Mining operations.
  - Tunnelling projects.
  - Construction sites.
  - Industrial facilities.
- Ventilation system installations.
- Electrical wiring and water piping support.

**Packaging**

Each package includes expansion shells compatible with the bolt size.  
Bulk packaging options available for large-scale projects.

**Product range and accessories**

- Available Bolt Lengths: 380 mm, 450 mm.
- Expansion Shell Sizes:
  - 32 mm shell (32.5–38 mm hole size).
  - 35 mm shell (35.5–41 mm hole size).
  - 38 mm shell (38.5–44 mm hole size).
  - 43 mm shell (43.5–49 mm hole size).
- Accessories: Wedge washers, couplers, and spacers for enhanced installation flexibility.

**Safety procedures**

- Ensure the correct expansion shell size is selected for the hole diameter.
- Inspect all components before installation to ensure no damage or defects.
- Follow manufacturer's load ratings and specifications during use.

**Legal disclaimer**

All dimensions, weights, quantities, and specifications are those applicable at the time of this publication and may be amended from time to time. Please contact your local representative for final confirmation of any key specifications.