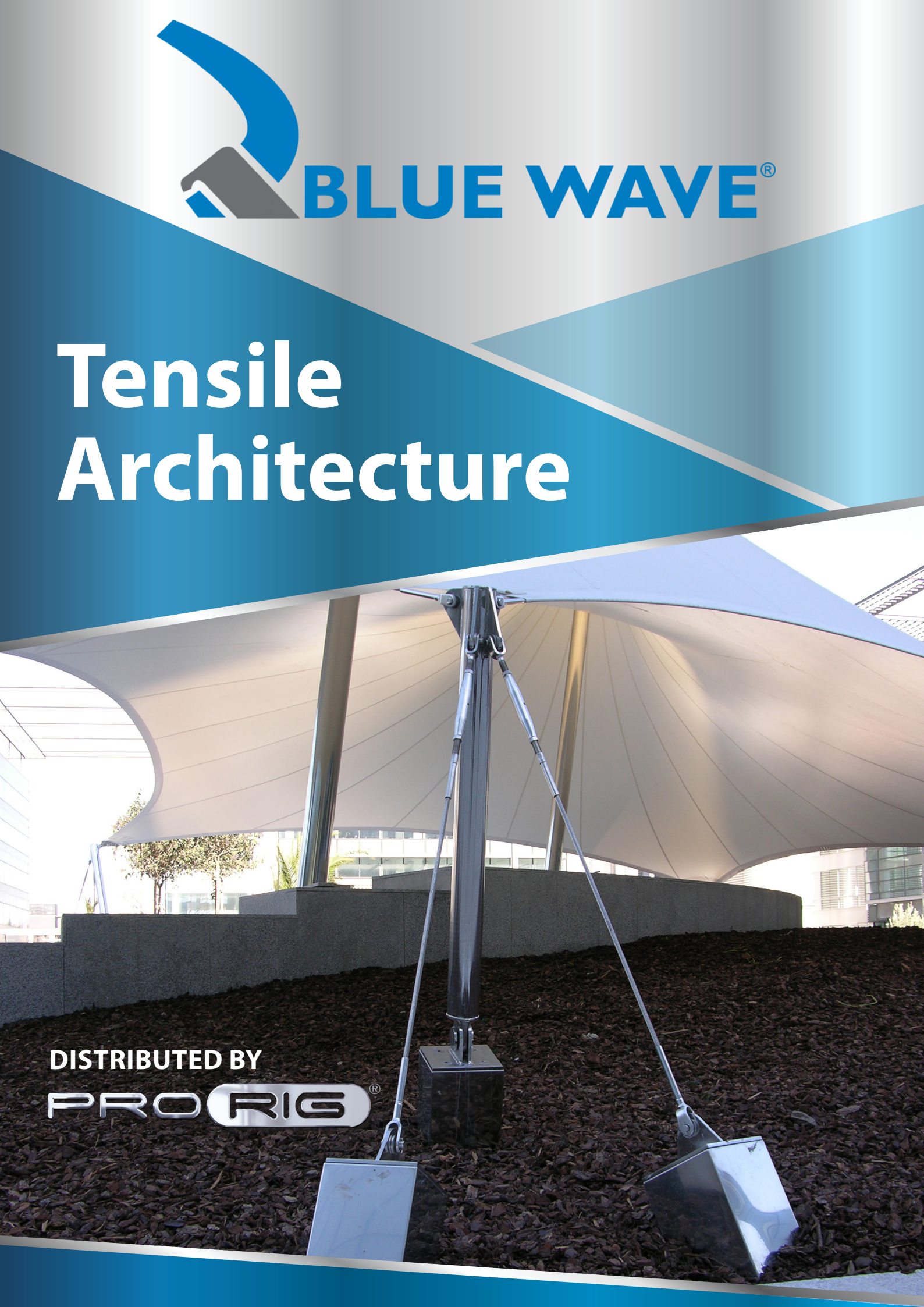




Tensile Architecture

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PRO RIG[®]



**Full catalogues are available
for download from our architecture
specifications website**

Visit bluewave.com.au/catalogues



INTRODUCTION

Blue Wave Wire Design Systems products are suitable for a variety of tensile architecture structures, including fabric structures, bracing and suspension bridges.

Manufactured in Denmark, Blue Wave delivers the highest standard of product quality, with the ability to work with your engineers to custom design unique fittings for tensile structures.

Blue Wave tensile applications include:

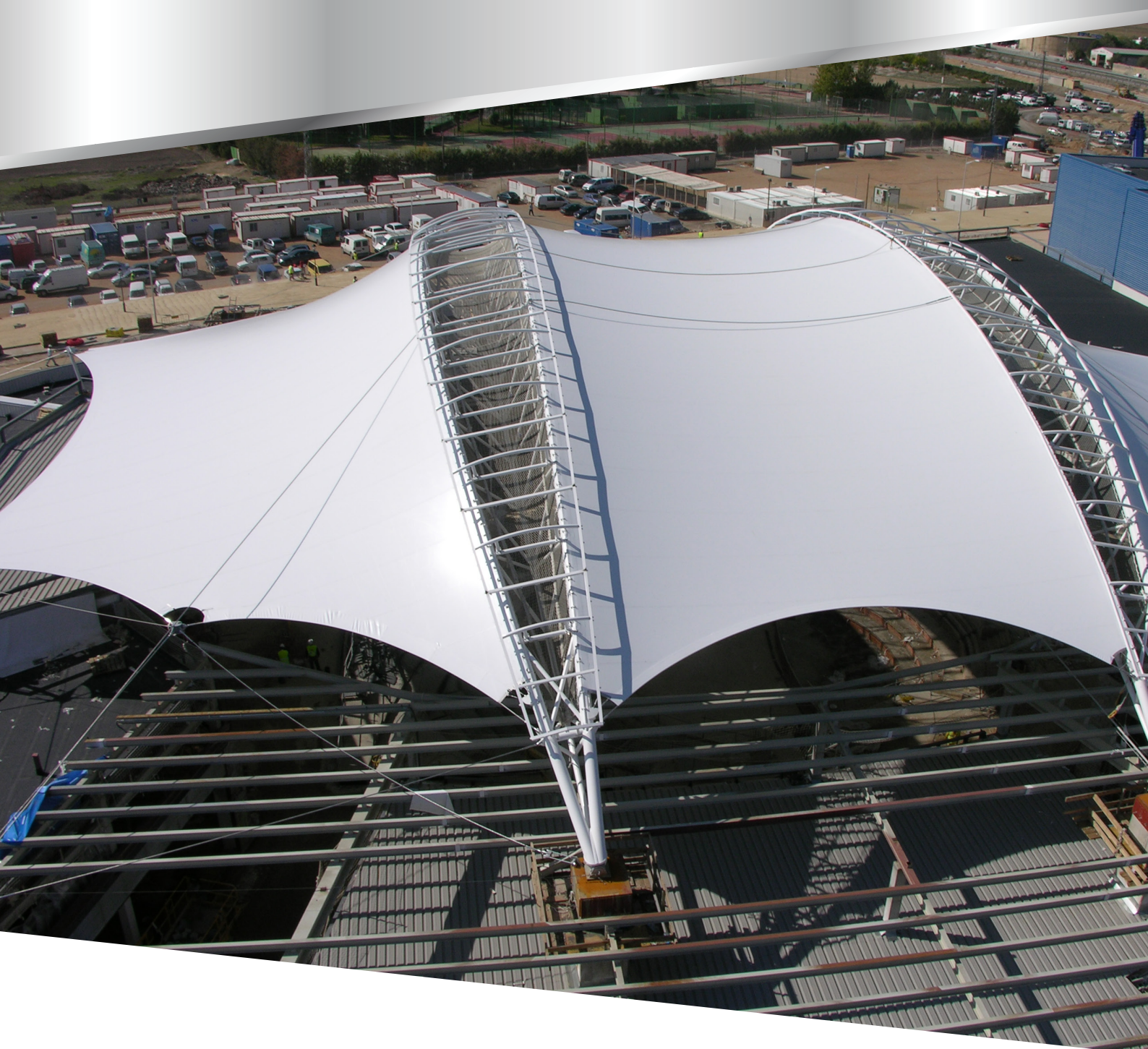
- Suspension bridges and shade
- Braces and trusses
- Fabric architecture and weather proof structures
- Catenary lighting
- Facades
- Landscaping and greenwall
- Signage & decorations

Tensile structures are growing in popularity for:

- Airports
- Sporting facilities
- Exhibition halls
- Bridging
- Shopping centres
- Outdoor recreational areas

This guide aims to serve as an introduction Blue Wave tensile architecture products available from ProRig Hardware.





ABOUT BLUE WAVE

Blue Wave have for more than 85 years produced stainless steel fittings for the marine and structural industries from its headquarters in Denmark.

Blue Wave is currently among the top three largest manufacturers of high quality stainless steel rigging hardware in the world with their focus being on the Marine, Height Safety, Architectural and Industrial sectors. Today they offer one of the most extensive product ranges of stainless steel wire fittings, with sizes to suit wire from 2mm to 36mm.



ProRig Hardware has an extensive stock holding of marine, height safety and industrial stainless steel fittings as well as a fully equipped workshop for production of stainless steel wire rope stays.

Our workshop equipment includes presses from Wirop and terminal swagers from Wireteknik, Sweden.

Blue Wave Ranges:

- ▶ Wire Design Systems
- ▶ Height Safety
- ▶ Marine
- ▶ Rope Line





Blue Wave products are thoroughly tested in several steps from raw material to final inspection with the latest available testing equipment. **European Norm Certification** is available on most components.

Lloyd's Certification is also available on a select range of products. It is no surprise that Blue Wave stainless steel products are used extensively in places where safety and reliability is required.

**“ALL BLUE WAVE
PRODUCTS
ARE PRODUCED
IN DENMARK
FROM THE HIGHEST
QUALITY STAINLESS
STEEL”**



RIGGING SCREW FORK-TERMINAL

The welded rigging screw fork-terminal is a durable rigging screw with a variety of features. Laser engraved thread size and side marking of the left thread. Available in sizes M5 to M16 to suit 2mm to 25mm wire diametres. Sizes M20 to M36 threads are available with bronze inserts to suit wire 10mm to 26mm.



WELDED FORK TERMINAL

Fork terminals are amongst the most commonly used wire end fittings. They are normally attached to pre drilled anchor plates or steel constructions. The welded forks are, as most fittings by Blue Wave, marked with wire size and swage depth marking for ease of use. Suits up to 26mm wire.



RIGGING SCREWS MACHINED FORK-TERMINAL

As demand for larger wire sizes has been growing, so has the range of larger machined fittings by Blue Wave. The machined forks are, as most fittings by Blue Wave, marked with wire size and swage depth marking for ease of use. M20 to M52.



FORK TERMINALS - MACHINED

As demand for larger wire sizes has been growing, so has the range of larger machined fittings by Blue Wave. The machined forks are, as most fittings by Blue Wave, marked with wire size and swage depth marking for ease of use. Suits up to 36mm wire.

This is only a sample of the Blue Wave range.
Full range, specifications and drawing available in Blue Wave Wire Design catalogue at bluewave.com.au/catalogues/



RIGGING SCREW TERMINAL - TERMINAL

Available in sizes M5 to M36 to suit wire 2mm to 26mm.
Sizes M20 to M36 to suit 10mm to 26mm wire available with threaded bronze insert for trouble free tensioning under high load.



THREADED TERMINALS

The wide range of threaded Blue Wave terminals are engraved with wire size and swage depth making them easy to use when pressing or roll swaging them onto the wire. The terminals are available with left handed or right handed threads, and also, on request, with split pin hole, or UNF thread. Threaded terminals are used to put tension on a wire, either with the help of nuts and washers or as part of a rigging screw. M5 to M52 thread to suit wires 2mm to 36mm.





RIGGING SCREW EYE FORK

Available in sizes M5 to M36 to suit wire 2mm to 26mm.
Sizes M20 to M36 to suit 10mm to 26mm wire available with threaded bronze insert for trouble free tensioning under high load.

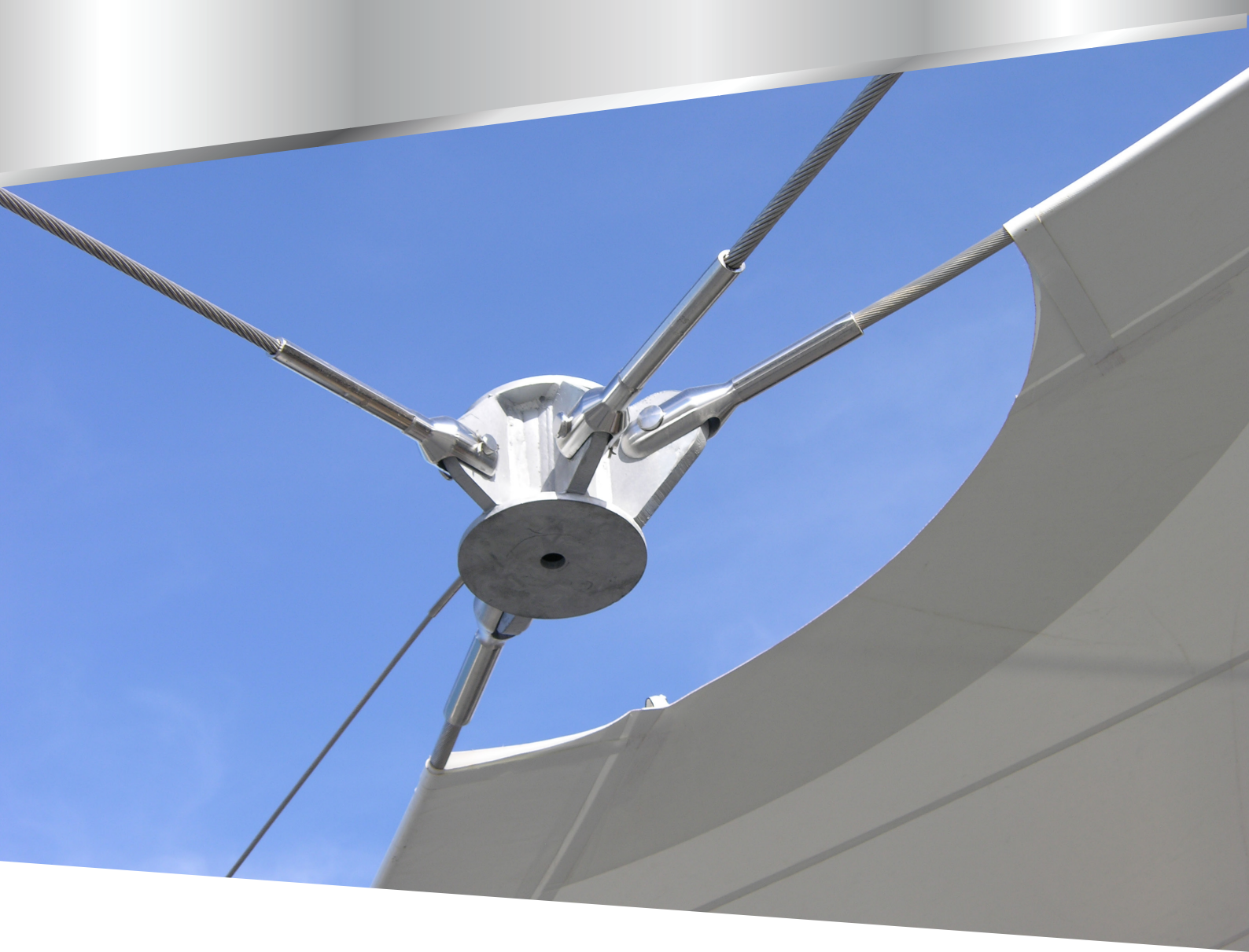


RIGGING SCREW EYE TERMINAL

Available in sizes M5 to M36 to suit wire 2mm to 26mm.
Sizes M20 to M36 to suit 10mm to 26mm wire available with threaded bronze insert for trouble free tensioning under high load.

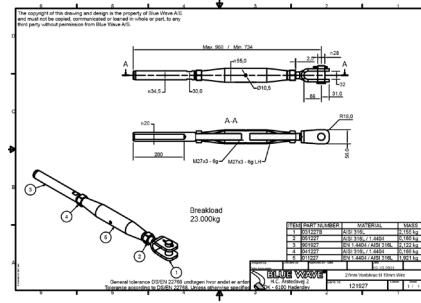
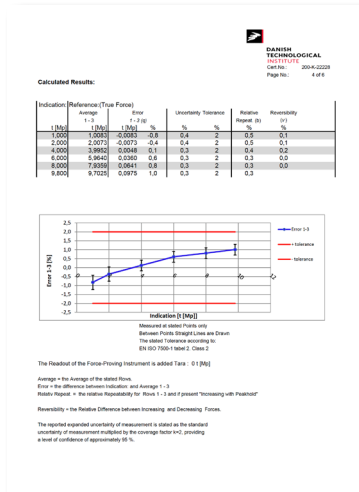


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- ✓ In house Engineer (Denmark) for assistance with development of Custom Designs to a specified load
- ✓ Blue Wave A/S Denmark is a ISO 9001:2015 certified company
- ✓ Technical support always available
- ✓ Direct phone line to Blue Wave Product Specialist
- ✓ In House Cable Pre-tensioning and manufacture of complete cable assemblies
- ✓ Lloyds approved wire manufacturer
- ✓ Lloyds approved roll swaging of terminals
- ✓ Short production lead times for non stock items

- ✓ X-ray testing of raw materials
- ✓ Certificate of compliance available with orders
- ✓ Test reports
- ✓ Inspection certificates with destructive test
- ✓ Certificate of conformance
- ✓ CAD drawings available



ANALYTICAL
Ready

316 - Exact Match
1_4401 - Exact Match
1_4571 - MN: 0.4

El	%	+/-	Comp
Cr	17.00	0.12	[16.00-18.00]
Mn	1.30	0.06	[0.00-2.00]
Fe	68.28	0.28	[58.00-77.00]
Ni	10.99	0.15	[10.00-14.00]
Cu	0.30	0.04	[0.00-0.75]
Mo	2.13	0.02	[2.00-3.00]

Start Info Standardize
Mode Analysis Results Setup



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