

Swaging is one of the best methods of connecting wire or metal rope to an end fitting.

Commonly constructed from stainless steel for its excellent anti-corrosion properties, swaged connector assemblies have extremely high tensile strength.

A typical 1.5mm diameter stainless steel rope can achieve 1700N (385lbs) tensile strength. The maximum diameter rope that can be swaged with our in-house equipment is 6mm. Please contact us for enquiries for larger sizes.

Competitive pricing

The in-house capabilities of this swaging service allows us to offer swaging services on low volume/MOQ at competitive pricing and lead times.

Common Swaged Product Types

- Latch Release Cables
- Lanyards
- Link Cables
- Retaining Straps
- Wire Rope

Swaged Products

Cable Assemblies & Wire Ropes



Extremely high tensile strength
Polished and uniform finish to fitting

Improved corrosion resistance, due to 360° concentric compression and sealing, with stainless steel fittings.

Typical Materials Used

Wire and End Fittings:

Stainless Steel (304, 316 or 321S Marine)

Brass CZ121 Aircraft Grade Aluminium

Technical question?

ask our online chat

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Cable Assemblies



Identification Marker
Customised to specification

Sheath
Flame retardant polyurethane, armoured outer jacket is available as standard, passes VW-1 F2 vertical flame test. Other materials are available.

Swaged Sheath Fitting
Wide selection of fixed and adjustable ferrules, various end caps, top hats, plus accessories such as nuts and collets.

Swaged Fitting
Various custom configurations and materials are available to suit both application and environment.

Wire and Cable
Available in a range of constructions up to 6mm Ø. Typical construction examples include 1x19, 7x7 and 7x19.



Swaged End Fitting
Fitted to one or both ends of the wire as defined in customer specification. Standard options include terminal stops, stud terminals and eyelet terminals. Other variations and options are also available. As a general rule, the strength of termination is 100% of the minimum breaking load of the cable onto which it is swaged, when using 1x19 wire construction. Other wire constructions may not have same strength subject to fitting.

Terminal Examples



Sphere

Shank Ball

Hammerhead

Cylindrical

Eyelet Terminal

Threaded End

Ferrule Examples



End Cap

Threaded

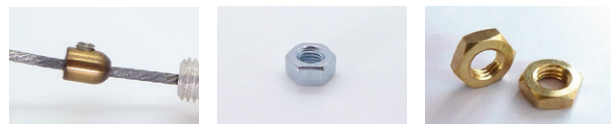
Threaded

Threaded

Threaded

Internal Thread

Internal Thread



Self-adjustable stop

Stainless Steel

Brass



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