

Copper Ferrules BS EN 13411-3

Conforming to BS EN 13411-3



Product Overview

Copper Ferrules, conforming to BS EN 13411-3, are the professional's choice for terminating stainless steel wire ropes. Using copper prevents the galvanic reaction that can occur between the aluminium of standard ferrules and stainless steel wire, ensuring a durable and long-lasting termination.

These seamless ferrules are designed to be applied with a hydraulic press, creating a strong, permanent eye or loop that meets rigorous industry standards. They are essential for manufacturing stainless steel wire rope assemblies for marine, architectural, and decorative applications.

Important Safety Notice: Ferrules must be correctly sized for the wire rope and applied with the correct pressing equipment and dies to achieve the required holding strength. Always follow industry best practices.



Technical Specifications

The following table outlines the key dimensions and wire rope capacities for our range of copper ferrules.

Size	Wire Rope Capacity (Fibre Core)	Wire Rope Capacity (Steel Core)	Approx Dia. After Pressing
1 DIN	0.9 – 1.0mm	0.8 – 0.9mm	3mm
1.5 DIN	1.1 – 1.5mm	1.0 – 1.4mm	3.8mm
2 DIN	1.6 – 2.0mm	1.5 – 1.9mm	4mm
2.5 DIN	2.1 – 2.6mm	2.0 – 2.4mm	5mm
3 DIN	2.7 – 3.1mm	2.5 – 2.8mm	6mm
3.5 DIN	3.2 – 3.6mm	2.9 – 3.3mm	7mm
4 DIN	3.7 – 4.1mm	3.4 – 3.8mm	8mm
4.5 DIN	4.2 – 4.6mm	3.9 – 4.2mm	9mm
5 DIN	4.7 – 5.1mm	4.3 – 4.7mm	10mm

Size	Wire Rope Capacity (Fibre Core)	Wire Rope Capacity (Steel Core)	Approx Dia. After Pressing
6 DIN	5.2 – 6.1mm	4.8 – 5.6mm	12mm
6.5 DIN	6.2 – 6.6mm	5.7 – 6.1mm	13mm
7 DIN	6.7 – 7.1mm	6.2 – 6.6mm	14mm
8 DIN	7.2 – 8.2mm	6.7 – 7.5mm	16mm
9 DIN	8.3 – 9.0mm	7.6 – 8.2mm	18mm
10 DIN	9.1 – 10.1mm	8.3 – 9.2mm	20mm
11 DIN	10.2 – 11.2mm	9.3 – 10.2mm	22mm
12 DIN	11.3 – 12.3mm	10.3 – 11.2mm	24mm
13 DIN	12.4 – 13.4mm	11.3 – 12.2mm	26mm
14 DIN	13.5 – 14.5mm	12.3 – 13.2mm	28mm
16 DIN	14.6 – 16.1mm	13.3 – 14.7mm	32mm
18 DIN	16.2 – 18.2mm	14.8 – 16.6mm	36mm
20 DIN	18.3 – 20.2mm	16.7 – 18.4mm	40mm
22 DIN	20.3 – 22.4mm	18.5 – 20.4mm	44mm
24 DIN	22.5 – 24.6mm	20.5 – 22.5mm	48mm
26 DIN	24.7 – 26.9mm	22.6 – 24.6mm	52mm

Important Safety Notice: The information provided is for guidance and reference purposes only. The final strength of a ferrule-terminated wire rope assembly is dependent on the skill of the operator, the quality of the pressing equipment, and the correct selection of ferrule, wire rope, and dies. **All assemblies must be proof load tested by a competent person** to verify their safe working load (SWL) before being put into service. Always follow industry best practices and the manufacturer's guidelines for swaging. Deacon Products assumes no liability for the misuse or misapplication of this information or our products.