

Aluminium Ferrules BS EN 13411-3

Conforming to BS EN 13411-3



Product Overview

Aluminium Ferrules, conforming to BS EN 13411-3, are the go-to solution for professionally terminating wire ropes to form secure eyes or loops. Manufactured from high-quality seamless aluminium, they are designed to be applied using a hydraulic press or swaging tool. When correctly matched to the wire rope diameter and properly pressed, these ferrules create a strong, permanent termination that meets industry standards for performance and safety. They are widely used in the manufacture of wire rope slings, assemblies, and for general-purpose securing 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 aluminium ferrules.

Size	Wire Rope Capacity (Fibre Core)	Wire Rope Capacity (Steel Core)	Approx Dia. After Pressing	Approx Length After
1 DIN	0.9 – 1.1mm	0.8 – 1.0mm	3mm	6.5mm
1.5 DIN	1.2 – 1.6mm	1.1 – 1.4mm	3.8mm	8mm
2 DIN	1.7 – 2.1mm	1.5 – 1.9mm	4mm	9mm
2.5 DIN	2.2 – 2.6mm	2.0 – 2.4mm	5mm	12mm
3 DIN	2.7 – 3.2mm	2.5 – 2.9mm	6mm	14mm

Size	Wire Rope Capacity (Fibre Core)	Wire Rope Capacity (Steel Core)	Approx Dia. After Pressing	Approx Length After
3.5 DIN	3.3 – 3.7mm	3.0 – 3.4mm	7mm	16mm
4 DIN	3.8 – 4.2mm	3.5 – 3.8mm	8mm	18mm
4.5 DIN	4.3 – 4.7mm	3.9 – 4.3mm	9mm	20mm
5 DIN	4.8 – 5.3mm	4.4 – 4.8mm	10mm	23mm
6 DIN	5.4 – 6.3mm	4.9 – 5.8mm	12mm	27mm
6.5 DIN	6.4 – 6.8mm	5.9 – 6.2mm	13mm	29mm
7 DIN	6.9 – 7.4mm	6.3 – 6.7mm	14mm	32mm
8 DIN	7.5 – 8.4mm	6.8 – 7.7mm	16mm	36mm
9 DIN	8.5 – 9.5mm	7.8 – 8.6mm	18mm	40mm
10 DIN	9.6 – 10.5mm	8.7 – 9.6mm	20mm	45mm
11 DIN	10.6 – 11.6mm	9.7 – 10.5mm	22mm	50mm
12 DIN	11.7 – 12.6mm	10.6 – 11.5mm	24mm	54mm
13 DIN	12.7 – 13.7mm	11.6 – 12.5mm	26mm	59mm
14 DIN	13.8 – 14.7mm	12.6 – 13.4mm	28mm	63mm
16 DIN	14.8 – 16.8mm	13.5 – 15.3mm	32mm	72mm
18 DIN	16.9 – 18.9mm	15.4 – 17.3mm	36mm	81mm
20 DIN	19.0 – 21.0mm	17.4 – 19.2mm	40mm	90mm
22 DIN	21.1 – 23.1mm	19.3 – 21.1mm	44mm	99mm
24 DIN	23.2 – 25.2mm	21.2 – 23.0mm	48mm	108mm
26 DIN	25.3 – 27.3mm	23.1 – 24.9mm	52mm	117mm

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.
