

HAND CRIMPERS

Hydraulic Crimper D- D31

Hand-held, single-handed operation, weighs only 1.5 kg, rotating die head, complete with carry case. Develops 35 kN force. Presses up to code 2.5 ferrules in a single bite and up to Code 5 ferrules in multibites. It is crucial that the die is correctly matched to the ferrule. Suitable for EN 13411-3 ferrules only. o Supplied in a plastic carry case. Dies need to be ordered separately.

NB: The Die Number etched on the side of the dies refers to fibre core rope. Example: To correctly crimp a 3 mm diameter wire rope with a steel core [7 x 19 construction] you will need a Code 3.5 Die and you should use WIR104EN ferrules for galvanised wire or WIR120EN ferrules for stainless wire rope. Please phone our Rigging Manager regarding bench mounted hydraulic presses capable of terminating larger wire diameters.



code	fibre core Ø	wire core Ø	die code	price
TOL1923				£741.60
TOL1924	1mm	1mm	1	£206.26
TOL1925	2mm	1.5mm	2	£206.26
TOL1926	2.5mm	2mm	2.5	£206.26
TOL1927	3mm	2.5mm	3	£206.26
TOL1928	3.5mm	3mm	3.5	£206.26
TOL1939	4mm	3.5mm	4	£206.26
TOL1940	4.5mm	4mm	4.5	£206.26
TOL1929	5mm	4.5mm	5	£206.26
TOL1950	6mm	5mm	6	£206.26

Hand Crimpers

For steel wire ropes. Make up your own wire rope assemblies either with a hard [thimble] eye or a soft eye, this simple compression tool facilitates the use of ferrules to give your wire rope a professional finish. NB: that sizes used for ferrules relate to Standard A size. The figures in brackets relate to EN 13411- 3 ferrules [see previous page]. EN 13411-3 ferrules are slightly longer but have a thinner wall than the old British Standard ferrules. We do not recommend this tool for terminating lifting wires as it is difficult to achieve a compressed ferrule with the exact recommended final dimensions to achieve maximum loading. These tools are also available to hire (see page 405).



code	Type	tool length	handle length	price
TOL1920	TSC1	30"	24"	£167.23
TOL1921	TSC2	30"	24"	£167.23
TOL1922	TSC3	36"	30"	£210.13

THIMBLES

Thimbles are used to provide protection against crushing and abrasion for either wire rope or fibre ropes. It is important that the correct size thimble is used to ensure the correct curvature. The scope of EN 13411-1:2002 only covers thimbles for wire ropes of 8 mm to 60 mm. It states that the internal width of the thimble should be 2.5 to 3.5 x the diameter of the rope (d). The internal height of the thimble should be 1.5 to 2 x the internal width. The width of the supporting groove should be 1.1 x d and its depth should be 0.55 x d. Thimbles must be capable of being opened up to 1.5 x d. A small gap is permissible. While producing the EN standard, no doubt at great expense, no one was capable of deciding whether the ends of thimbles should be pointed or truncated so, not surprisingly, some are and some aren't. If you are thinking of buying the EN standard, don't bother, it will cost you about £80.00 for 12 pages, 10 of which are gobbledegook, one page is entirely blank, and the only page of any use is summarised above.

Galvanised Wire Rope Thimbles [DIN 6899]

Type BF. Used for making hard [thimble] eyes in galvanised wire rope. Best quality German manufacture.



code	internal length	width	wire Ø internal	price	100+
WIR122A	19mm	12mm	3mm	£0.34	£0.30
WIR122B	21mm	13mm	4mm	£0.38	£0.34
WIR123	23mm	14mm	5mm	£0.49	£0.43
WIR125	25mm	16mm	6mm	£0.58	£0.50
WIR127	32mm	20mm	8mm	£0.89	£0.80

Stainless Steel Thimbles [AISI 316 Grade]

Used for making thimble eyes in fibre ropes or stainless steel wire rope. Only suitable for 7 x 7 and 7 x 19 flexible construction wire rope.



code	internal length	internal width	rope Ø	price
BW110002	17mm	9mm	2mm	£0.33
BW110003	18mm	10mm	3mm	£0.37
BW110004	20mm	11mm	4mm	£0.57
BW110005	21mm	13mm	5mm	£0.61
BW110006	27mm	15mm	6mm	£0.89
BW110008	38mm	22mm	8mm	£1.88
BW110010	48mm	27mm	10mm	£3.46
BW110012	53mm	29mm	12mm	£4.02
BW110014	57mm	32mm	14mm	£5.69
BW110016	67mm	40mm	16mm	£6.82
BW110020	80mm	50mm	20mm	£18.95
BW110022	90mm	56mm	22mm	£24.50

Hot Dip Galvanised Fibre Rope Thimbles [BS 464]

For use with traditional cordage. For stainless steel fibre rope thimbles see above.



code	internal length	internal width	rope Ø min	rope Ø max	price
WIR130	33mm	22mm	8mm	8mm	£0.60
WIR131	38mm	25mm	10mm	10mm	£0.85
WIR132	44mm	32mm	12mm	13mm	£1.29
WIR134	59mm	41mm	16mm	16mm	£2.05
WIR135	73mm	51mm	19mm	20mm	£3.86
WIR136	82mm	57mm	22mm	22mm	£5.24
WIR137	108mm	70mm	24mm	26mm	£7.96

THIMBLES / WIRE ROPE GRIPS

Nylon Fibre Rope Thimbles

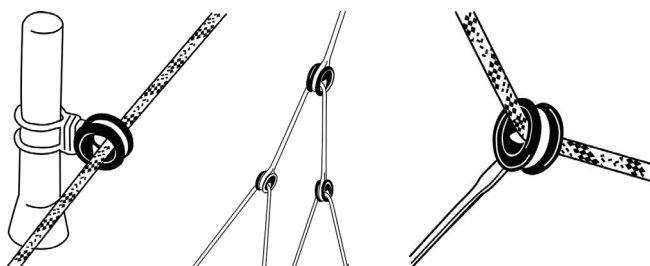
A lighter and quieter option for use with braided and three strand fibre ropes.



code	internal length	internal width	rope ø	price
WIRED804	20mm	11mm	4mm	£0.86
WIRED806	27mm	15mm	6mm	£1.20
WIRED808	38mm	22mm	8mm	£1.32
WIRED810	48mm	27mm	10mm	£1.35
WIRED812	53mm	29mm	12mm	£1.52
WIRED814	57mm	32mm	14mm	£1.64
WIRED816	67mm	40mm	16mm	£1.96

Barton High Load Eyes

Manufactured from marinegrade aluminium and finished in Barton's unique hard "Spectro" grey anodising. When used in conjunction with a Dyneema loop they make powerful Barber Haulers or brailing devices with minimal weight. They can also be used as purchase blocks for tensioning.



code	weight	external ø	rope ø	bore ø	price
BAR60452	24g	38mm	10mm	16mm	£13.27

Black Thimbles

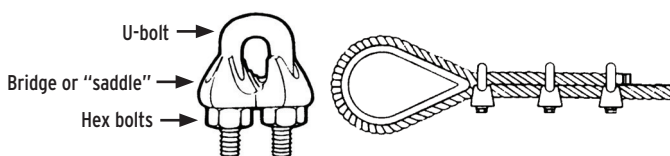
Use for making thimble eyes in black fibre ropes or our popular blackened steel wire rope. Manufactured to DIN 6899



code	internal length	internal width	rope ø	price	100+
WIR903B	19mm	12mm	3mm	£0.27	£0.24
WIR904B	20mm	13mm	4mm	£0.29	£0.26
WIR905B	22mm	13mm	5mm	£0.33	£0.30
WIR906B	26mm	16mm	6mm	£0.39	£0.39
WIR908B	32mm	19mm	8mm	£0.45	£0.41

WIRE ROPE GRIPS

"Dogs" provide a simple and effective means of making a loop or a thimble eye in wire rope. They consist of a U-bolt, bridge [also known as the "saddle"] and two hex nuts. The U-bolt should be fitted over the nonload bearing [short] tail of the loop [also known as the "dead" end hence "dead horse"]; the bridge over the load bearing longer part. Remembered by the mnemonic: "Never saddle a dead horse". The hex nuts should be tightened equally, using a nutspinner or a torque wrench as advised. The grips will settle after a while so they should be retightened to ensure the correct torque is maintained. Any PVC covering to wire rope must be stripped before applying the dogs. For heavier loads and when lifting always use grips to EN 13411-5 [DIN 1142] or Crosby Grips. Wire Rope Grips are also occasionally known as "Bulldog Clips".

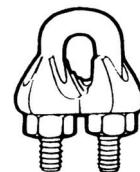


Rope Size	Number of Rope Grips	Rope Fall Length
3 - 5mm	3	150mm
6mm	3	180mm
8mm	4	280mm
10mm	4	320mm

WIRE ROPE GRIPS – DOGS

Commercial Galvanised Wire Rope Grips [DIN 741]

Provide a simple, effective and economical means of making a loop or a thimble eye in wire rope. Consists of U-bolt, bridge and two hex nuts. The hex nuts should be tightened equally, using a nutspinner. For heavier loads or for lifting purposes use grips to EN 13411-5 [DIN 1142] or Crosby Grips.



code	grip size	nut size	wire rope ø	price	100+
WIR161	1/8"	7mm	3 - 4mm	£0.24	£0.18
WIR163	3/16"	8mm	5mm	£0.28	£0.18
WIR165	1/4"	8mm	6mm	£0.33	£0.21
WIR167	5/16"	10mm	8mm	£0.35	£0.30
WIR169	3/8"	14mm	10mm	£0.39	£0.32

Galvanised Wire Rope Grips EN 13411-5 [DIN 1142]

These grips are of slightly heavier construction and the hex nuts are flanged. The scope of DIN 1142 only starts at 5 mm so if you are using wire-rope grips for lifting purposes with smaller wires it would be worth considering using the Crosby Grips which are listed on the next page. For torque wrenches see alongside.



code	nut size	wire rope ø	torque	price	100+
WIR163D	8mm	5mm	2Nm	£0.30	£0.24
WIR165D	10mm	6.5mm	3.5Nm	£0.32	£0.29
WIR167D	10mm	8mm	6Nm	£0.51	£0.46
WIR169D	13mm	10mm	9Nm	£0.58	£0.52