

# NICOPRESS® TOOLS / OTHER FERRULES & CRIMPERS

## NICOPRESS® BATTERY OPERATED TOOL

### Battery Powered Compression Tool

This model features an increased range for Nicopress® ferrules up to 3/8" or 10 mm. The tool is ideal for work in confined spaces where traditional tools cannot be opened. The slim body shape is now fitted with an LED light for dark areas and it can be operated single-handed. Nicopress® are currently adding a cable cutter and embossing dies to the product range. The tool weighs just 3.7 kg [with battery] and its length is 560 mm. Flints brings these tools in to order so please allow 14 days for delivery. Ask for our Rigging Manager for more information.



code	description	price
NIC5606	Tool with charger, carry case and two batteries	£2,945.00
NIC5606DIE6	Dies [up to 10 mm]	£171.82
NIC5606BAT	Spare battery	£335.88
NIC5606CH	Replacement charger	£347.22

## OTHER FERRULES & CRIMPERS

### FERRULES

The following ferrules comply with EN 13411-3. We no longer stock the ferrules to the old British Standard BS 5281. The most important factor when using ferrules to terminate a wire rope is to ensure the ferrule correctly matches the wire rope. Care must be taken because wire ropes with a steel core use a larger ferrule than those with a fibre core. The dies on the crimping machine should be perfectly aligned. A good compression will produce a thin fin on either side of the ferrule which should be easy to remove normally with one stroke of a file. The tail of the wire must be visible at the end of the ferrule, either flush or slightly protruding. The ferrules finished diameter should be measured to ensure it complies with the regulations. Take care not to allow the ferrule to touch the thimble, there should be a little room for movement.

### Copper Ferrules to EN 13411-3

Suitable for stainless steel wire ropes. The stainless ropes in our catalogue are wire core so choose from the wire core column. The code used on dies refers to the fibre rope size. [eg. a Code 3.5 die would be used on a 3 mm steel core wire rope]. BS ferrules to order only.

code	fibre core ø	wire core ø	pressed ø	die code	price	100+
WIR114EN	1mm	N/A	3mm	1	£0.10	£0.09
WIR115EN	1.5mm	1mm	3.8mm	1.5	£0.15	£0.12
WIR116EN	2mm	1.5mm	4mm	2	£0.16	£0.14
WIR119EN	2.5mm	2mm	5mm	2.5	£0.20	£0.17
WIR117EN	3mm	2.5mm	6mm	3	£0.21	£0.18
WIR120EN	3.5mm	3mm	7mm	3.5	£0.35	£0.32
WIR118EN	4mm	3.5mm	8mm	4	£0.39	£0.35
WIR124EN	4.5mm	4mm	9mm	4.5	£0.65	£0.58
WIR125EN	5mm	4.5mm	10mm	5	£0.73	£0.66
WIR126EN	6mm	5mm	12mm	6	£1.05	£0.94
WIR127EN	6.5mm	6mm	13mm	6.5	£1.42	£1.28



### Aluminium Ferrules to EN 13411-3

For use with galvanised wire ropes. Take care to choose the correct ferrule for Fibre Core, Wire Rope or Steel-Core Wire Rope. The code used on dies refers to the fibre rope size. [eg. A Code 3.5 die would be used on a 3 mm steel-core wire rope]. BS ferrules to order only.

code	pressed length	pressed ø	fibre core ø	steel core ø	die code	price	100+
WIR102EN	12mm	5mm	2.5mm	2mm	2.5	£0.08	£0.07
WIR101EN	14mm	6mm	3mm	2.5mm	3	£0.09	£0.08
WIR104EN	16mm	7mm	3.5mm	3mm	3.5	£0.11	£0.09
WIR103EN	18mm	8mm	4mm	3.5mm	4	£0.13	£0.11
WIR106EN	20mm	9mm	4.5mm	4mm	4.5	£0.20	£0.17
WIR105EN	23mm	10mm	5mm	4.5mm	5	£0.23	£0.20
WIR107EN	27mm	12mm	6mm	5mm	6	£0.27	£0.23
WIR108EN	29mm	13mm	6.5mm	6mm	6.5	£0.36	£0.29
WIR109EN	36mm	16mm	8mm	7mm	8	£0.48	£0.43
WIR110EN	40mm	18mm	9mm	8mm	9	£0.79	£0.63



## 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
BW100016	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