



Cables You Can Trust



***Conwire Pty Limited
10/14 Sheridan Close
Milperra NSW 2214***



Conwire Pty Ltd

A.B.N. 96 138 449 948



Ph: (02) 9774 2155

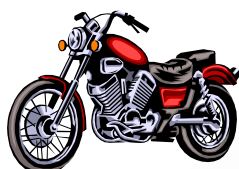
10/14 SHERIDAN CLOSE, MILPERRA
N.S.W. 2214 AUSTRALIA

Fax: (02) 9774 2166

Dear Customers,

Conwire Pty Ltd manufactures a wide variety of mechanical control cables, some of which are listed below from our factory at Milperra NSW.

We manufacture and repair all types of control cables for cars, trucks, motorcycles, machinery etc. from one off to volume production.



- > Clutch, Handbrake, Throttle, Kickdown
- > Bonnet, Boot, Fuel Door Release
- > Choke, P.T.O., Push / Pull Types
- > Micro Adjust, Twist Lock, Stop Cables
- > Lighting Suspension Wires
- > Wire, Conduit & Fittings



Cables repaired for
Gymnasium Equipment



Security Lanyards Wire from 0.9mm to 6mm. PVC Coated

Auto Turning to 25mm Steel, Stainless Steel, Brass and

Contact us now - See how a quality product compares

Phone: 02 9774 2155

Fax: 02 9774 2166

Email: sales@conwire.com.au



Mechanical Control Cables:

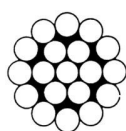
Throttle, Clutch, Brake
 Dash Controls - P.T.O., Choke, Lock Release
 Push/Pull Types - Gear Select, Hydraulic Valve, Micro Adjust, Twist Lock
 Security Lanyards
 Gym Cables
 Lighting Suspension Wires

Auto Turning to 25mm

Presswork to 60 Tonnes

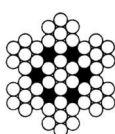
Stranded Wire

1 x 19 Strand



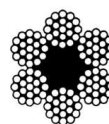
Dia(mm)	B/s Kgs
1.00	124
1.20	179
1.50	254
2.00	450
2.50	641
3.00	917
3.50	1100

7 x 7 Strand



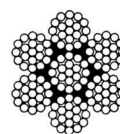
Dia(mm)	B/s Kgs
1.20	115
1.50	190
2.00	375
2.50	598
3.00	759
3.50	1030
4.00	1350

6 x 19 Strand



Dia(mm)	B/s Kgs
3.00	750
4.00	950

7 x 19 Strand



Dia(mm)	B/s Kgs
6.00	2550
7.00	4400
9.53	5670

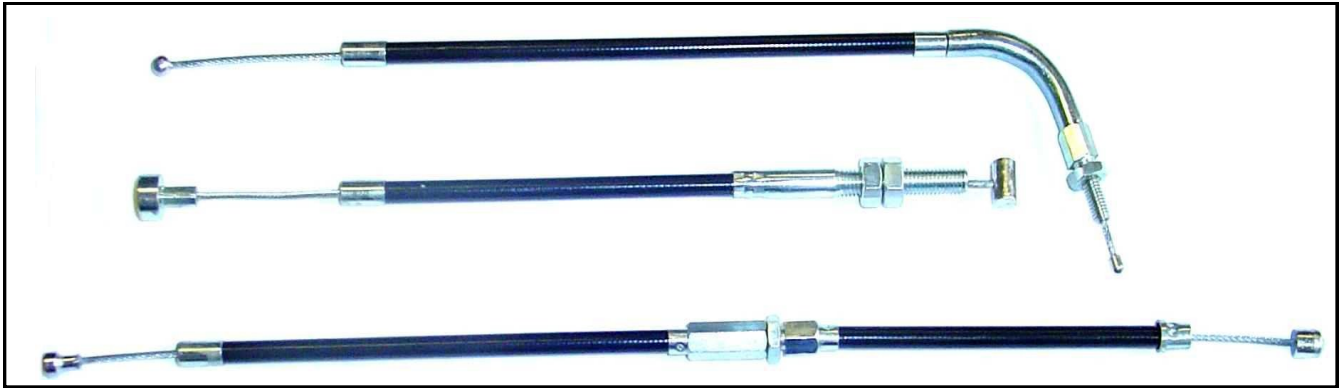
Stainless Steel

Type	B/s Kgs	Type	B/s Kgs	Type	B/s Kgs	Type	B/s Kgs
1.20mm 1x19	150	1.20mm 7x7	120	2.00mm 7x7	295	3.20mm 7x19	798
1.50mm 1x19	200	1.60mm 7x7	217			8.00mm 7x19	3820

Conduits

Part No	I.D.	O.D.	Cover	Liner Avail-able	To Suit Wire
B3	2.40	5.00	PVC	✓ (BL3)	1.20, 1.50
B5	2.80	5.50	PVC	✗	2.00
Poly 1	3.56	6.48	PVC	✓ (PL1)	1.50
Poly 2	3.56	6.48	HDPE	✓	1.50
Conflex	2.16	6.48	HDPE	Lined	1.50
Poly 3	4.06	7.00	PVC	✓ (PL3)	2.00, 2.50
Clutch	5.33	9.00	PVC / HDPE	✓	2.50, 3.00
Brake	6.10	11.00	PVC / HDPE	✓	3.00, 3.50

Light Duty Throttles



Wire: 1.20mm & 1.50mm

Casing: B3 & BL3

Ferrules



Part No	Nose Dia.	Nose Length	Shoulder Dia
5003	5.56	11.20	Cap
5012	6.40	15.00	Cap
5017	5.97	6.35	7.11
5185	4.35	4.50	6.35
5036	3.94	8.13	5.54
Suits 1321 Elbow			

Nipples



Part No	Dia
7016	4.69
7017	6.29
7132	7.45

Part No	Head Dia	O/all Length	Shank Dia	Shank Length
7005	6.35	9.40	3.96	6.35
7008	5.54	7.87	3.45	4.83
7021	7.92	12.70	4.75	8.64
7032	4.75	7.87	3.18	5.59

Part No	Dia.	Length
7009	6.35	6.35
7026	6.35	12.70
7044	5.54	3.18
7045	5.54	4.75
7046	5.54	6.35
7056	6.00	10.00
7077	4.80	7.00
7079	4.80	10.00
7160	6.35	12.00



Part No	Dia	Length
7002	3.18	4.83
7015	3.18	3.18



Part No	Dia	Length
7018/S	6.35	9.60
7056/S	6.00	10.00

Adjusters

9021



9021/9023

9050



Midway Adjuster

Part No	O/All Length	Thread Length	Dia or A/F	Thread	Conduit Socket
9021	22.30	13.50	7.14	3/16" bsf	6.00
9050	57.00	32.00	6.35	M6 x 1	5.10

Light Duty Brake & Clutch



Wire: 2.00mm

Casing: B5

Ferrules



Part No	Nose Dia.	Nose Length	Shoulder Dia
5007	6.35	11.70	Cap
5016	8.00	4.90	9.50
5018	5.94	3.25	7.94
5019	7.87	11.20	11.20

Nipples



Part No	Dia
7016	4.69
7017	6.29
7132	7.45

Part No	Head Dia	O/all Length	Shank Dia	Shank Length
7005	6.35	9.40	3.96	6.35
7008	5.54	7.87	3.45	4.83
7021	7.92	12.70	4.75	8.64
7032	4.75	7.87	3.18	5.59

Part No	Dia.	Length
7009	6.35	6.35
7013	9.53	9.53
7018	6.35	9.53
7056	6.00	10.00
7060	9.53	12.70



Part No	Dia	Length
7022	6.35	6.35



Part No	Dia	Length
7026/S	6.35	12.70
7027/S	7.92	12.70
7028/S	9.53	12.70
7049/S	7.92	8.89

Adjusters



Part No	O/All Length	Thread Length	Dia or A/F	Thread	Conduit Socket
9006	38	28	7.94 A/F	1/4" bsf	6.60
9028	38	28	7.94 A/F	M6 x 1	6.60
9028/1	38	21	7.94 A/F	M6 x 1	6.60
9032	38	28	7.94 A/F	1/4" unf	6.60
9049/B5	57	31	7.94 Dia	M6 x 1	5.60
9024	Midway Adjuster to Suit 9006				



Wire: 1.50mm

Casing: Poly1 Poly2 Conflex

Ferrules



5045/1

Part No	Dia.	Length
5045/1	7.94	15.90
5136	7.94	39.23
5190	7.94	25.90



5040

Part No	Nose Dia.	Nose Length	Shoulder Dia
5015/1	6.30	6.30	7.94
5040	5.63	9.60	7.94
5042	6.15	9.6	7.94
5116	9.50	7.00	12.70
5277	6.60	14.40	7.94

Adjusters



9048



9037

Part No	O/All Length	Thread Length	Dia or A/F	Thread	Conduit Socket
9048	57	31	Swage	1/4" unf	6.60
9049	57	31	Swage	M6 x 1	6.60
9052	64	38	Swage	5/16" unf	6.60
9056	65	40	Swage	M8 x 1.25	6.60
9037	48	38	9.53 A/F	M8 x 1.25	6.60
9041	41	28	9.53 A/F	5/16" unf	6.60
9083	76	47	Swage	3/8" unf	6.60
5176	29	7.8	Swage	1/4" unf	6.60

Nipples



Part No	Dia
7016	4.69
7120	4.76
7121	6.35
7132	7.45



Part No	Head Dia	O/all Length	Shank Dia	Shank Length
7005	6.35	9.40	3.96	6.35
7008	5.54	7.87	3.45	4.83
7021	7.92	12.70	4.75	8.64
7032	4.75	7.87	3.18	5.59



Part No	Dia.	Length
7009	6.35	6.35
7026	6.35	12.70
7044	5.54	3.18
7046	4.54	6.35
7074	4.76	4.76
7125	3.50	5.00
7131	7.92	8.00



Part No	Dia	Length
7002	3.18	4.83
7015	3.18	3.18
7022	6.35	6.35
7065	4.37	8.00

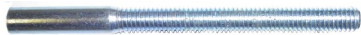


Part No	Dia	Length
7026/S	6.35	12.70
7027/S	7.92	12.70
7028/S	9.53	12.70
7049/S	7.92	8.89



Part No	Head		Shank	
	Dia	Length	Dia	Length
7161	10.00	5.00	4.87	8.00

Screw End



Part No	Thread	Thread Length	Length Overall
1119	10:32 unf	25	35.00
1155	M5 x 0.8	20	40.00
1156	1/4" unf	21	33.00
1158	M6 x 1.0	40	60.00

Ball Joint



1220

Clevis



Part No	Length to Pin	Width of Strip	Pin Dia	Width of Gap
4101	40.60	12.70	6.20	8.50
4104	24.60	11.10	4.80	3.30
4125	19.20	9.60	4.80	3.30

Eye End



Part No	Pin Dia.	Thickness	Width of Flat	Length O.A.	To Suit Wire
1205	5.20	4.80	11.20		1.50
1218	4.90	1.90	9.20	34.50	1.50
1243	3.50	1.90	7.70	19.00	1.50
1244/1	6.35	5.00	12.70	27.50	1.50

Medium Duty Brake & Clutch (Nylon Lined)



Wire: 2.00mm ; 2.50mm

Casing: Poly 3 ; PL3

Ferrules



Part No	Dia.	Length
5045/3	7.94	15.90
5051	9.53	19.00

Part No	Nose Dia.	Nose Length	Shoulder Dia
5015/3	6.30	6.30	7.94
5046	7.62	6.35	9.65
5048	11.81	11.43	14.22
5053	9.50	8.70	14.00

Adjusters



Part No	O/All Length	Thread Length	Dia or A/F	Thread	Conduit Socket
9037	48	68	9.53 A/F	M8 x 1.25	7.1
9041	41	28	9.53 A/F	5/16" unf	7.1
9054	64	40	9.53 Swage	5/16" unf	7.1
9183	76	47	9.53 Swage	3/8" unf	7.1

Clevis



Part No	Length to Pin	Width of Strip	Pin Dia	Width of Gap
4101	40.60	12.70	6.20	8.50
4105	24.60	11.10	4.70	3.30
4125	19.20	9.60	4.80	3.30

Eye End



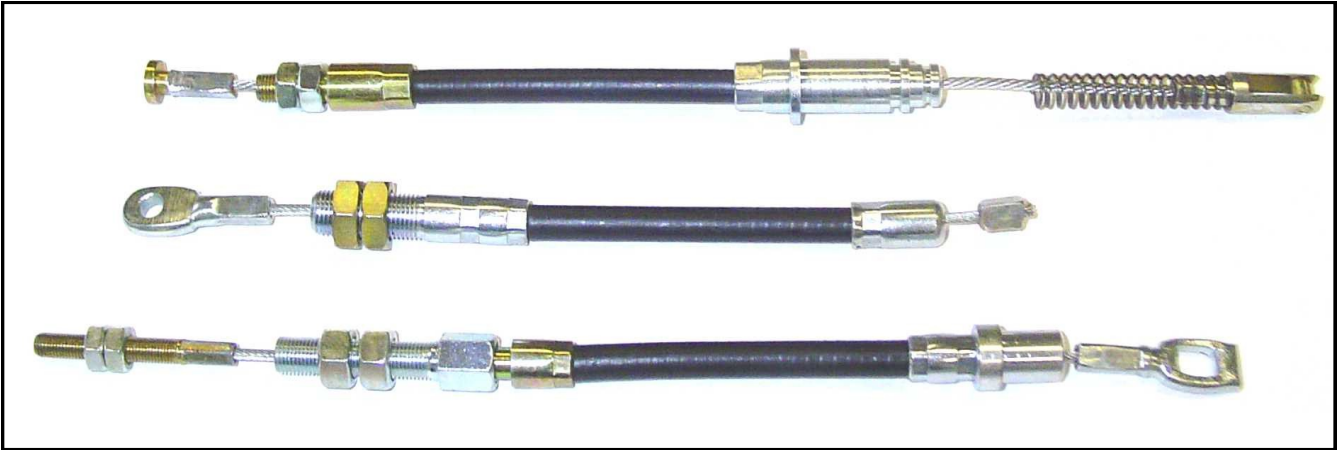
Part No	Pin Dia.	Thickness	Width of Flat	Length O.A.	To Suit Wire
1244/2	6.35	5.00	12.70	27.50	1.50

Screw End



Part No	Thread	Thread Length	Length Overall
1119	10:32 unf	25	35
1152	5/16" unf	48	127
1155	M5 x 0.8	20	40
1158	M6 x 1.0	40	60

Clutch Cables



Wire: 2.50mm 7x7; 1x19

Casing: Clutch (PVC & HDPE)

Ferrules



Part No	Dia.	Length
5173	12.00	25.40



Part No	Nose Dia.	Nose Length	Shoulder Dia
5146	8.00	12.80	13.00
5181	12.70	17.00	16.00



Part No	Shoulder Dia	Overall Length	Groove Nose Dia.	Shoulder to Groove	Root Dia of Groove	Width Of Groove
5150	20.00	59.00	14.00	26.08	11.30	2.95
5151	20.00	38.30	14.00	5.25	11.30	2.95
5215	19.00	30.80	10.50	5.30	7.80	2.60

Nipples



Part No	Head		Shank	
	Dia	Length	Dia	Length
7139	9.50	2.00	6.35	6.35



Part No	Dia	Length
7138	6.35	6.35
7145	7.94	9.80
7173	7.94	8.00



Part No	Dia	Type
7146	7.94	Swage
7181	7.94	Solder
7182	10.00	Solder

Adjusters



9086



9091

Part No	O/All Length	Thread Length	Dia or A/F	Thread
9086/C	60	31	Swage	M12 x 1.25
9096/C	78	51	Swage	M12 x 1.25
9085	87	63	Swage	M10 x 1.25
9091	60	42	13mm Hex	3/8"unf
9026	62	51	13mm Hex	5/16" bsf
9084	87	63	Swage	5/16" unf

Screw End



Part No	Thread Type	Overall Length	Thread Length
1103	1/4" unf	95	63
1104	1/4" unf	70	46
1130	M6 x 1.00	79	55
1137	5/16" unf	95	61
1153	M8 x 1.25	65	40
1154	1/4" unf	57	42

Clevis



4101

Part No	Length to Pin	Width of Strip	Pin Dia	Width of Gap	Pin No
4101	31.3	12.70	6.20	7.00	#4210
4135	36.00	16.00	8.50	10.00	#4225
4148	30.00	12.70	6.20	12.20	#4210

Eye End



1209

Part No	Pin Dia.	Dia of Flat	Width of Flat	Length O.A.	To Suit Wire
1207	6.35	9.70	4.87		
1209	10.00	18.00	7.20		
1210	12.70	20.00	6.35		
1215	7.94	18.00	7.20		

Yoke



Nylon (use 7138)

Part No	Slot Lgth.	Slot Width	Length O.A.	To Suit Wire
1006	12.00	7.50	44.00	2.50,3.00
1007	20.00	7.00	45.00	2.50

Brake Cables



Wire: 3.00mm 1 x 19

Casing: Brake (PVC & HDPE)

Ferrules



Part No	Nose Dia.	Nose Length	Shoulder Dia
5121	11.00	10.00	16.00
5141	10.80	22.30	14.20
5143	9.80	22.30	14.20
5203	13.00	10.00	14.20



Part No	Shoulder Dia	Overall Length	Groove Nose Dia.	Shoulder to Groove	Root Dia of Groove	Width Of Groove
5160	19.05		14.20	2.20	10.65	3.30
5161	19.05		14.20	2.20	10.65	3.30

Adjusters



Part No	O/All Length	Thread Length	Dia or A/F	Thread
9086/B	60	31	Swage	M12 x 1.25
9096/B	78	51	Swage	M12 x 1.25
9070	110	80	Swage	M12 x 1.25

Nipples



Part No	Dia	Length	Wire
7135	7.94	11.94	3.50
7136	9.53	11.17	3.50
7137	9.53	11.17	3.00



Part No	Dia	Length
7129	7.94	12.70
7133	10.00	13.50
7140	9.50	9.20
7152	9.50	15.75
7155	9.50	8.10
7165	7.94	13.50

Stop



Part No	Head		Shank	
	Dia	Length	Dia	Length
7130	12.70	2.70	9.70	4.60
7167	12.00	7.00	7.00	10.50



Part No	Material	Length
7030/S	13.00 Hex	13.00

Screw Ends



Part No	Thread Type	Overall Length	Thread Length	Wire Size
1101	5/16" unc	117	90	
1126	5/16" unf	58	38	
1127	5/16" unf	91	57	
1129	5/16" unf	112	79	
1137	5/16" unf	95	61	
1141	3/8" unf	93	64	
1146	3/8" unf	112	76	3.5 / 5.0
1147	3/8" unf	87	51	
1165	1/2" unf	100	75	
1172	M8 x 1.25	105	85	

Clevis



4115



4118

Part No	Length to Pin	Width of Strip	Pin Dia	Width of Gap	Pin No
4115	32.70	16.00	8.50	7.50	PN4225
4118	32.70	16.00	8.50	10.50	PN4227
4146	42.80	16.00	6.20	6.70	PN4210

Eye End



1209

Part No	Pin Dia.	Dia of Flat	Width of Flat	Length O.A.	Wire Size
1207	6.35	9.70	4.87	39.00	3.50
1209	10.00	18.00	7.20	34.00	3.00
1210	12.70	20.00	6.35	42.00	3.00
1215	7.94	18.00	7.20	34.00	3.00
1229	10.00	18.00	7.20	34.00	4.00

Yoke



Part No	Slot Lgth.	Slot Width	Length O.A.	To Suit Wire
1006	12.00	7.50	44.00	3.0,3.5
1011	14.50	5.50	42.00	3.00
1015	21.00	5.50	53.00	3.50

WIRES

Part No	Description	
W1.4GAL	1.40 Gal Mono Spring Wire	30 Mtr Coil
W1.4SS	1.40 Stainless Steel Mono Spring Wire	30 Mtr Coil
W1.9SS	1.90mm Stainless Steel Mono Spring Wire	
W2.5SS	2.50mm Stainless Steel Mono Spring Wire	
W2.00T	2.00mm Oil Tempered Wire	
WPB3	Phos. Bronze Aerial Wire	100 Mtr Spool
WPB4	Phos. Bronze Aerial Wire	300 Mtr Spool
WPP2.1	Inner Wire Push/Pull (Flatwrap) - 6mm Outer	
WPP2.3	Inner Wire Push/Pull (Stranded) - 8mm Outer	
WPP3.0	Inner Wire Push/Pull (Stranded) - 10mm Outer	

SLEEVES

Part No	Description	SUITS	OD	ID	Material
PRTUBEACC	ANTI RATTLE SLEEVE		10.30	6.90	Rubber
PRTUBEBR	ANTI RATTLE SLEEVE (PVC)		16.00	12.00	PVC
PRTUBECL	ANTI RATTLE SLEEVE		12.00	9.00	Rubber
PRTUBEAERO7	ANTI RATTLE SLEEVE AEROFLEX		20.00	6.35	Foam
PRTUBEAER10	ANTI RATTLE SLEEVE AEROFLEX		30.00	10.00	Foam

Coated Wire

Part No	Description	Wire	Material
WC1.2119BLK	1.20mm 1x19 Gal Black PVC	1.20 1x19 Gal	PVC Black
WC1.577B	1.50mm 7x7 GAL WIRE BLACK PVC COVERED	1.50 7x7 Gal	PVC Black
WC1.577GCL	1.50mm 7x7 GAL WIRE CLEAR PVC COVERED	1.50 7x7 Gal	PVC Clear
WC2.077GCL	2.00mm 7x7 GAL WIRE CLEAR PVC COVERED	2.00 7x7 Gal	PVC Clear
WC2.077SBT	2.00mm 7x7 St. Steel Wire Blue Tint PVC COVERED	2.00 7x7 S/S	PVC Blue Tint
WC2.577GBL			
WC3.5119HD	3.50mm DIA 1x19 GAL HDPE COVERED	3.50 1x19 Gal	HDPE Black
WC4.0619N	4mm 6x19 GAL NYLON COATED GYM WIRE	4.00 6x19 Gal	Nylon
WC4.077B	4mm 7x7 Gal Black PVC Covered	4.00 7x7 Gal	PVC Black
WC4.077LG	4mm 7x7 Gal Light Grey PVC	4.00 7x7 Gal	PVC Grey
WC6.0719BL	6.00mm 7x19 GAL WIRE BLACK PVC COVERED	6.00 7x19 Gal	PVC Black
WGSR	PVC'D STEERING ROPE	3.00 7x7 Gal	PVC Blue Tint
	Please Note: Other sizes and colours available		

Cables for marine applications



OJ: Suitable for Johnson and Evinrude outboards and OMC sterndrives



79J: Suitable for Johnson and Evinrude outboards after 1979



OM: Suitable for Mercury outboards and Mercruiser sterndrives



GP: Suitable for Mariner and Suzuki outboards, Volvo sterndrives and most inboard motors



PN4057 Base

1 1/4" Centres



PN4058 Saddle

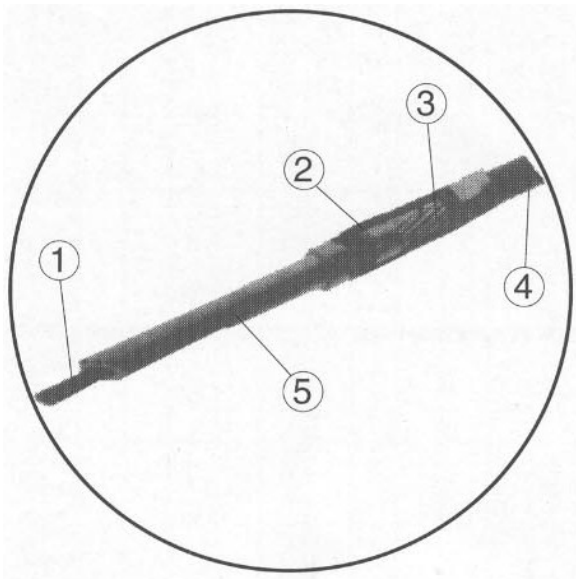


PN1219 Ball Joint

PN4157 Base

1" Centres

PN4158 Saddle



All above cables have the following in-built features:

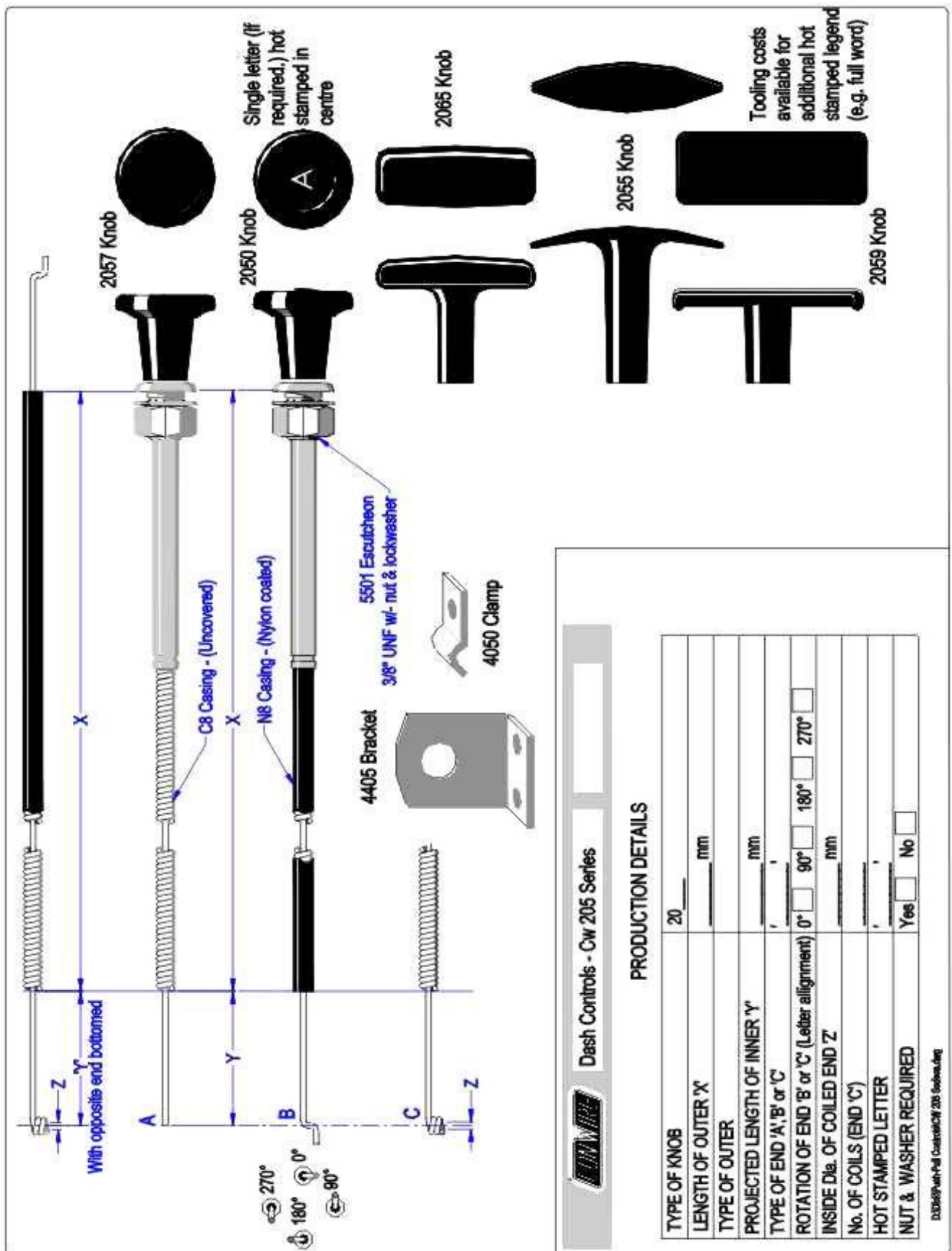
- 1 All diamond-polished stainless steel inner wire
- 2 Self-lubricating ultra high-density polyethylene lining.
- 3 Galvanised high-tensile steel armouring.
- 4 UV (Sunlight) resistant outer sheathing.
- 5 Connectors and linkages with rolled-form threads and special soldering ring, over and above the normal crimping.

All cables can be made to any length up to 40'0" at 1'0" increments.



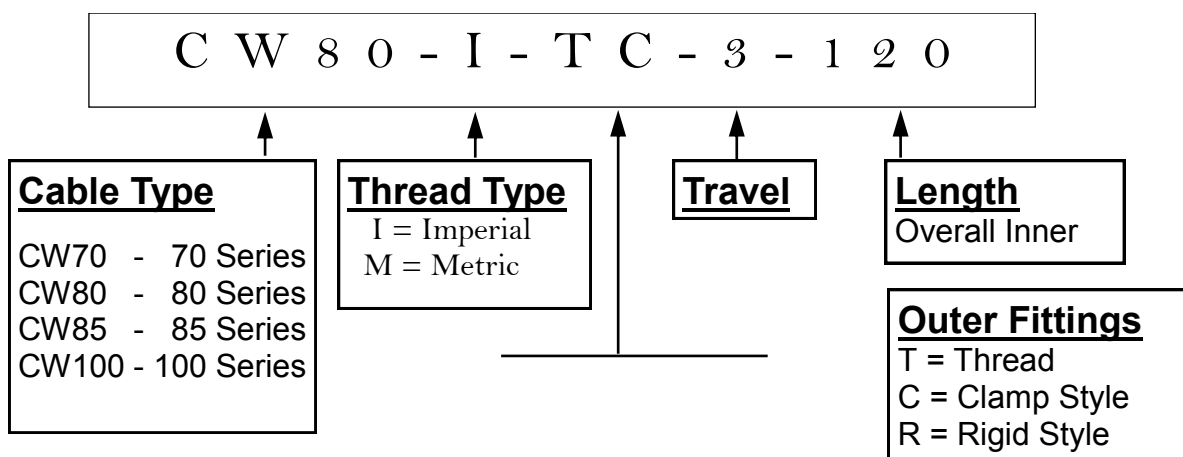
REMOTE FORWARD CONTROL CABLES YOU CAN TRUST

CW205 Series



Push / Pull Control Cables

ORDERING BY PART NUMBER



Rod Ends



M6 x 1.00
M8 x 1.25

Imperial

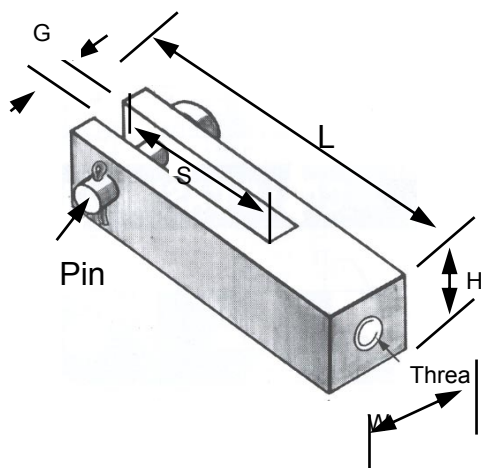
3/16" unf, 1/4" unf
5/16" unf, 3/8" unf

Clevis Fork with Pin



M6 x 1.00 (4170)
M8 x 1.25 (4171)
M10 x 1.25 (4172)

Other Metric Sizes are available



Threaded

Part No	4173	4174	4175
Thread	10:32 unf	1/4 - 28 unf	5/16 - 24 unf
Pin	3/16"	1/4"	5/16"
L	41.00	48.30	65.00
S	23.00	22.00	37.00
G	4.76	7.94	9.53
W	9.52	12.70	15.88
H	9.52	12.70	15.88

Micro Adjust Cables



Twist Lock Cables

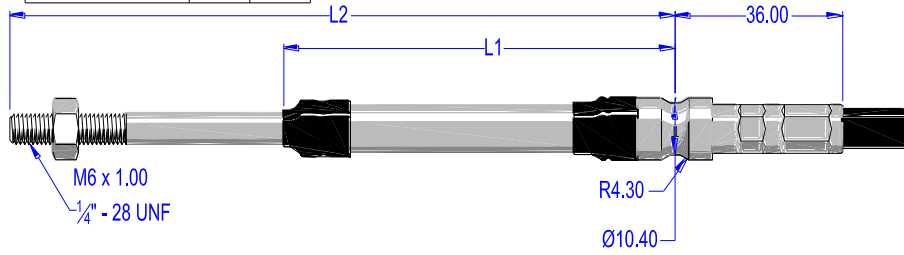


Technical drawing of a cable assembly with dimensions L3, L4, and 43.45. The drawing shows a cable with a braided shield, a central conductor, and a connector. Dimensions are given in inches. L3 is the length of the central conductor, L4 is the length of the braided shield, and 43.45 is the length of the connector. The connector is labeled 7:16" unf.

TRAVEL	2"	3"
L1	84	110
L2 - Mid Position	137	175



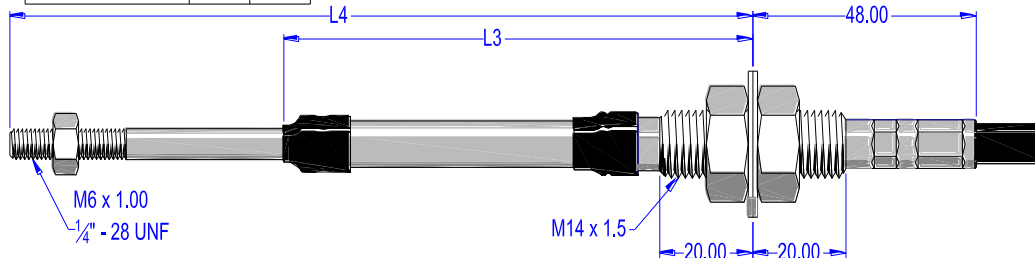
CW80 SERIES - CLAMP TYPE



TRAVEL	2"	3"
L3	97	120
L4 - Mid Position	150	185



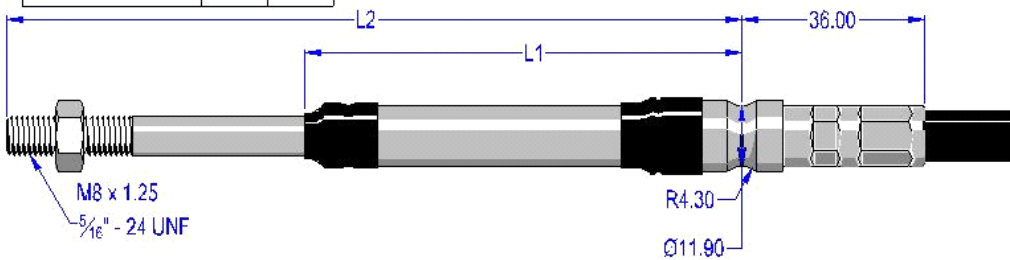
CW80 SERIES - THREADED TYPE



TRAVEL	2"	3"
L1	82	107
L2 - Mid Position	135	172



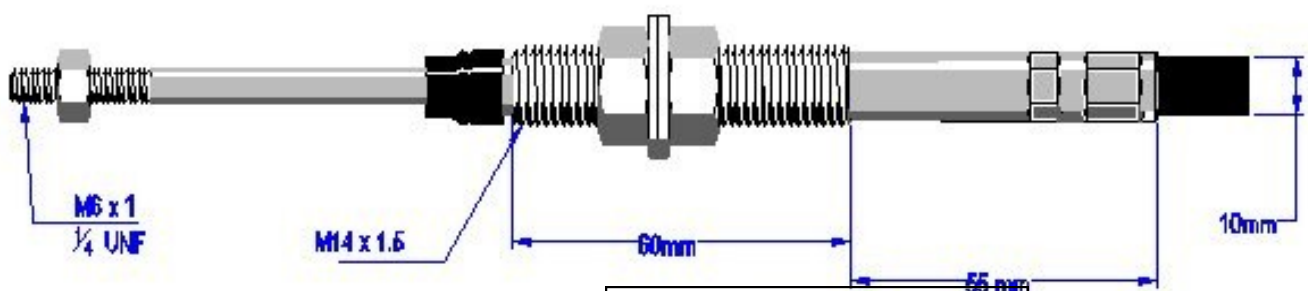
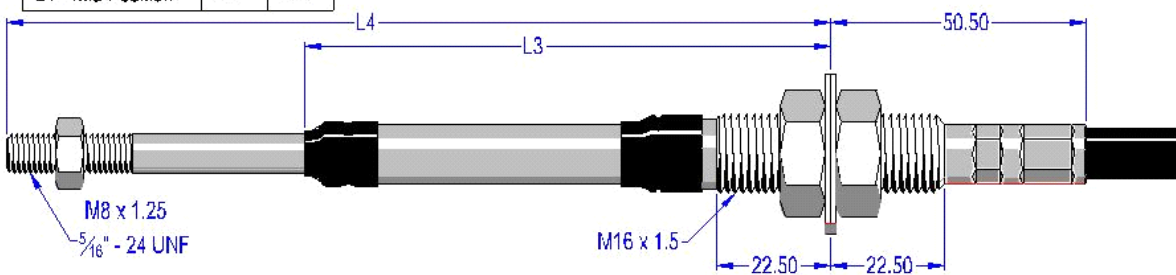
100 SERIES - CLAMP TYPE



TRAVEL	2"	3"
L3	100	125
L4 - Mid Position	153	190



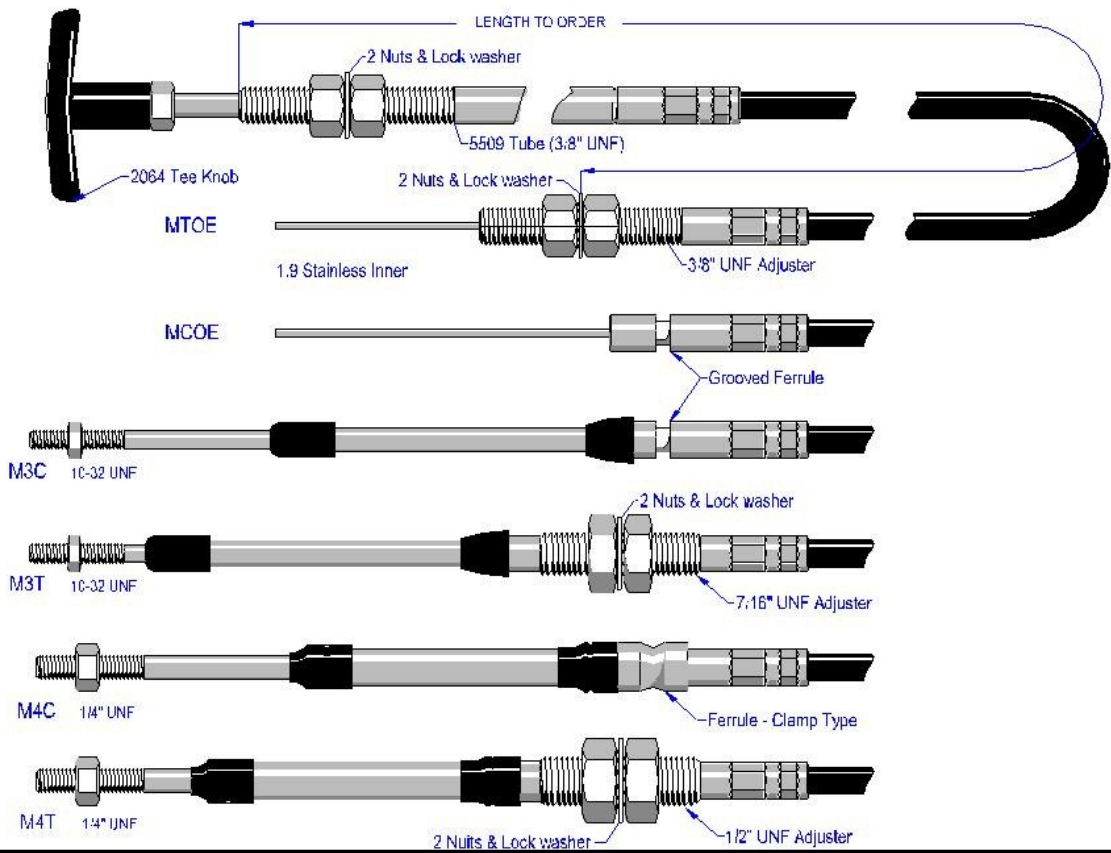
100 SERIES - THREADED TYPE



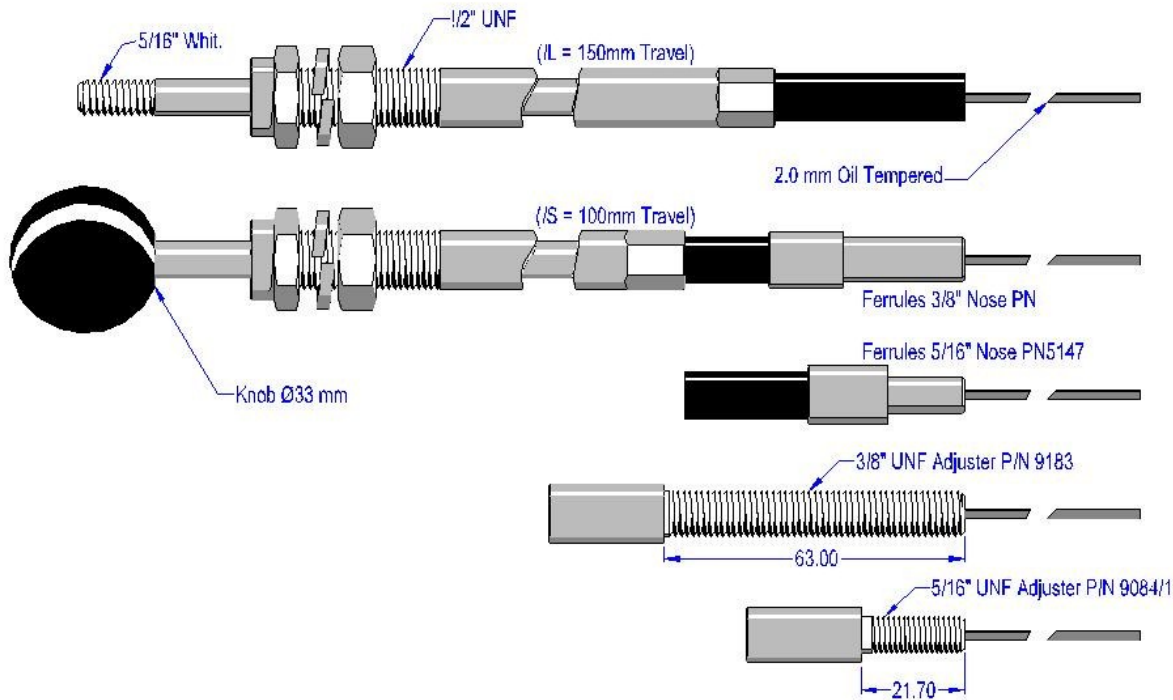
100 Series - Rigid Type

TRAVEL	2"	3"		CW70 Series	

Industrial Choke / Stop cable. Also available with twist lock operation.

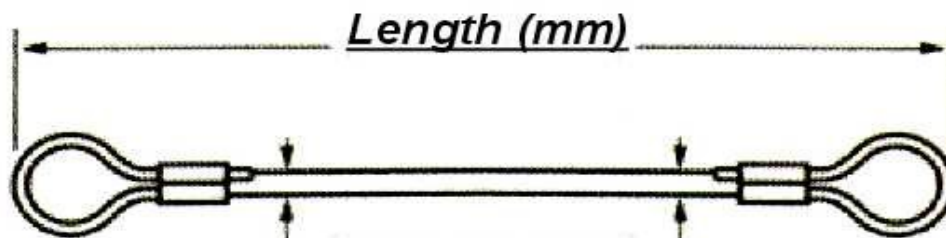


TRAVEL	2"	3"		CW85 Series	PTO



Security Lanyards - Made to order

Wire looped lanyards - Nominate wire size & overall length
(Note: Available in PVC coated (various colours)



Solid Eye Type (5mm & 6mm Hole)- Nominate wire size & overall length
(Note: Available in PVC coated (various colours)



Tools & Fittings

Crimping Tool - PNKOO
1.50mm Wire

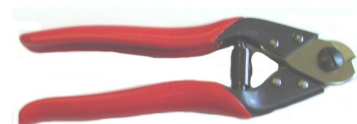


Hand Swaging Tool



AA23 - Suits Swages
2.0mm, 2.4mm, 3.2mm

Wire Rope Cutters - PNAA73
3.20mm Wire



Copper & Alloy Ferrules



Hand Swaging Tool



AA120 - Suits Swages
2.40mm, 3.20mm and 4.00mm

AA24 - Suits Swages
4.00mm and 4.80mm

Wire Rope Grips



Thimbles



Gym cables



4mm 6x19 Nylon covered (2 x 10mm eyes)

Gym Cables made to Order. Solid eyes in lieu of swaged thimble. Nylon Coated Gym Wire available in bulk.

Security cables



1.50mm 7x7 Stainless Wire (Fittings as required)



4mm 7x7 Grey with loop & rod eye



4mm 7x7 PVC Covered (fittings as required)



8mm 7x19 Stainless Steel

Security Toggles

- PN8032 & PN8035 Mounted using M4 Screw.
- PN8033 Mounted using PN8034 Spacer & M4 Screw. (Toggle can then be rotated)

PN8032



Suits 8mm S/S

PN8035



PN8033



PN8034



Suspension Cables for Lights & Signs

Wire: 1.20mm 1x19 or 1.50mm 1x19 (Galvanised or Stainless Steel)

Loop



Tube



Stop



