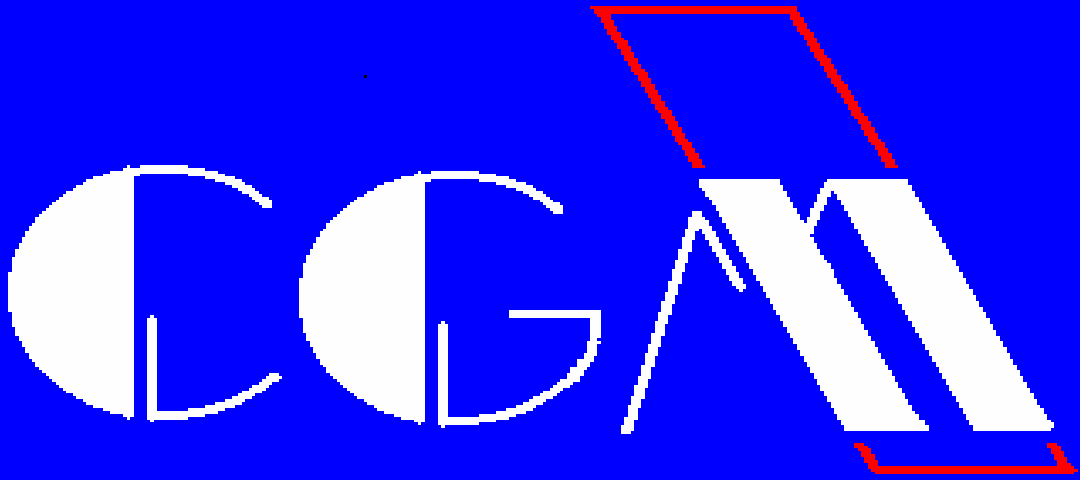
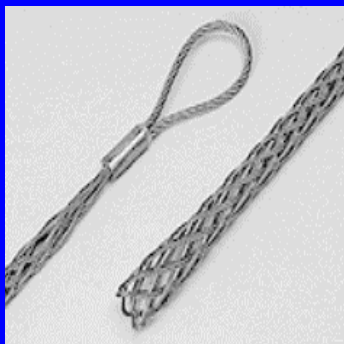




**MANUFACTURERS & DISTRIBUTORS OF
CABLE PULLING AND CABLE LAYING SYSTEMS**





Cable Grips (Minehead) Ltd

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CGM Cable Grips can be divided into three main groups:

1. Pulling Grips

2. Support Grips

3. Strain Relief Grips

CGM Grips are hand woven using stranded galvanised high tensile steel wire; for standard applications, or stainless steel high tensile wire for special applications where a weather resistant material is preferable. CGM manufacture a range of 'non – conductive' grips made from a durable man-made fibre of high tensile strength.

As they are made by hand, CGM Cable Grips are never affected by machine damage. The grips are thoroughly inspected at each stage of the manufacturing process by each skilled operator.

Substantial safety ratios have been applied to all quoted minimum-breaking strengths. Additional safety factors, determined by application, should be applied. CGM recommends a minimum safety factor of 3/1 for horizontal pulls and 5/1 for overhead pulling. Due to metal fatigue, any M.B.S printed will decrease in value after usage.

M.B.S will decrease by approximately 10% for Stainless Steel.

Pulling Grips

These grips are used whenever a cable or other cylindrical object needs to be pulled. The most common types are for the overhead cable installation on pylons, or underground installation in trenches. Additionally, pulling grips can make drain installation fast and efficient.

CGM produces a range of standard pulling grips in a range from 6mm to 180mm in diameter. CGM grips vary in pulling strengths through differing types to suit every application.

When pulling light loads, CGM recommends that a single weave (light duty) grip be used. For heavier, more challenging loads, double or triple weave models (general and heavy duty) are ideal.

During the installation of long lengths of reeled electric cable, a dangerous torque may develop. To prevent this, it is recommended that a line swivel of the appropriate rated strength be used, thus allowing the cable to rotate freely, ensuring safe installation.

For the installation of longer cable lengths, CGM offer special 'Lace – Up' grips which are fastened at intermediate intervals along the cables length. The grips ensure an even load distribution and assist cable control.

Standard lengths of 600mm or 900mm are suitable for most applications, but CGM can readily supply special grips to order.

Users include:

1. British Telecom
2. Gas and Electricity board contractors
3. Winch and lift manufacturers
4. Trench cable laying contractors
5. Coal & Oil mining operators
6. Pipe laying contractors

Support Grips

CGM support grips are designed to be used as part of a permanent installation. The varying grips come in single or double weave, with single or double attached eyes. They are also available in a 'Lace – Up' model in a range of sizes.

Typical uses:

1. Household overhead service cables
2. Supporting power cords and air lines on portable tools
3. Supporting hydraulic hoses
4. Supporting cable in the legs of oil rigs
5. 'Guy Rope' adjusters
6. Temporary electrical installations

Strain Relief Grips

CGM strain relief grips come attached to threaded male nipples for connection to conduit fittings, or similar (PG or NP threads). They eliminate the strain on the conductor termination.

Cable Grips Technical Information

All grips produced at our works have been manufactured to include a suitable minimum breaking strength (M.B.S), which is obtained by applying a significant safety factor to the calculated wire strength.

Testing of this kind uses data established by our own workshop, and guarantees that grips produced conform to the highest possible standards.

We recommend that any grip should be inspected at regular intervals, before and after usage. Factors such as corrosion and abrasion will affect the grips M.B.S, as will incorrect procedure and improper storage. Grips should be closely monitored and replaced at appropriate intervals.

All types of grips should be stored in a dry place, away from corrosive elements such as water and chemicals. Care should be taken that grips are hung on appropriately sized hooks. We recommend that the maximum diameter of a shackle pin in use is 30 mm, as larger shackle pins could open the splice and in turn weaken the eye.

When using the 612 – 618 type grip for re-ropeing cranes, or pulling in new cable with old cable, the grip should be used with the tab end at the rear. When performing this operation in cases where there is a lot of torque in one - or both ends, it may be preferable to use single eyed grips, joined by the use of a swivel (in a back to back arrangement).

If your work requires that you pull more than one rope or cable at any one time, you will require a grip. To find which size you require, simply measure the circumference of the cable. You can then calculate the diameter of the suitable grip.

When using the lace up type grips (split), it is best to lace them just as you would a shoe. Starting at the eye end, make sure that you use both loops on both sides (consult-attached instructions).

Handlers should ensure that all grips are maintained and inspected with a regularity that is fitting for the use and condition of the grip.

Printed breaking strengths only apply to new, as yet unused grips.

Fitting Instructions

INSTRUCTIONS FOR FITTING & USING CABLE GRIPS

Before use all grips should be fully inspected for any frayed, broken or damaged wires. If any damage is noted the grip should not be used.

- Ensure correct size of grip is being used in relation to rope diameter
- Degrease cable beyond the length of the grip
- Insert cable the full length of the grip
- Ensure that the grip fits snug to the rope.(All CGM grips have the grip range clearly stamped on the ferrule)

There are two recommended methods for securing the grip to the cable

- (1) Use Duct tape to tape the end of the grip appr.2 inches on each side, this avoids the grip releasing if you have to reverse and the grip gets caught or snagged on an obstruction.

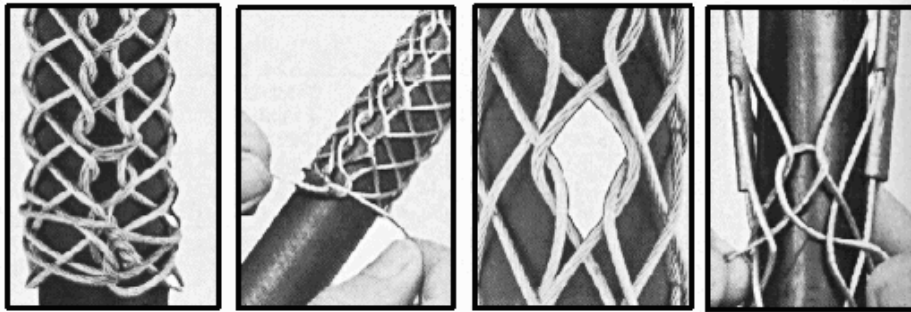
OR

- (2) If preferred the duct tape can be replaced with a Punch Lock/Bank Lock type band to secure the grip

The grip can then be used for re-roping cranes and vertical application providing the correct safety factor is used*

*Safety Factor 3:1 For Pulling
 5:1 For Lifting

Lacing Instructions



Start lacing at the lead or anchoring end of the grip. Thread the lacing through the first two loops of the split and pull through until the laces are centered at this point.

Lace as you would your shoe, crossing the laces before lacing the next two loops.

Do not pull the lacing too tight. Leave a space between adjoining loops approximately equal to the width of one diamond of mesh.

Next twist the lacing strands tightly together at the tail end of the grip.

Finally, wrap the ends of the lacing once or twice around the tail of the grip tightly, twisting the ends together securely. Any excess lace can now be cut off.

Single weave grips should be laced with single strand lacing

Double weave grips should be laced with double strand lacing

Swivels

Swivels are essential for the safe and efficient installations of cables, both over and underground. Ball bearing swivels stop torque gradually building by both the pulling equipment and the lay of the cables themselves. CGM swivels are contoured to allow ease of passage through pulley sheaves.

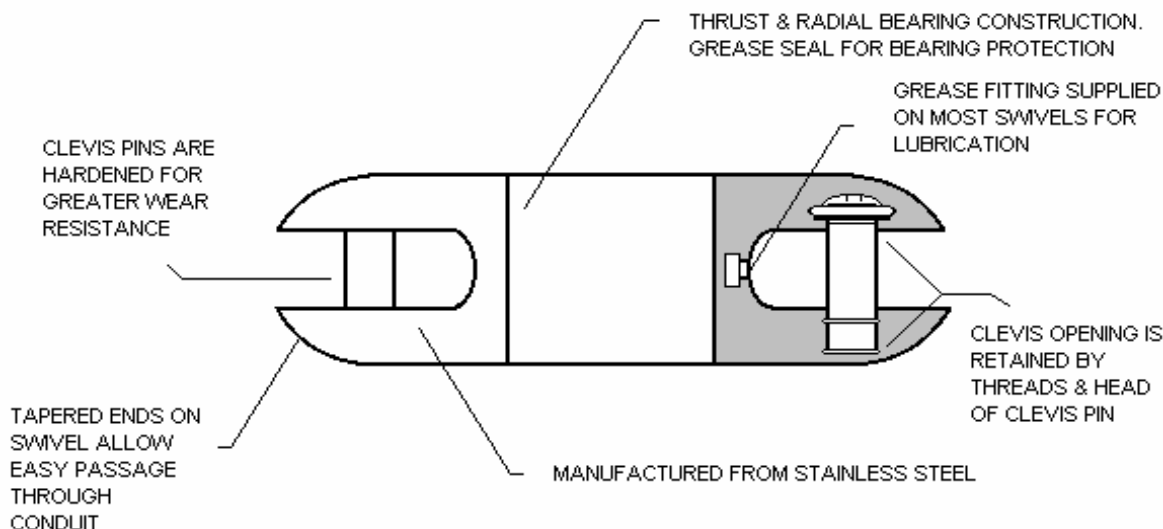
Swivels are an indispensable aid for safe and easy cable laying. CGM swivels are made from the finest Stainless Steel, and guarantee a long working life.

The use of double axial bearings makes it possible to neutralise the torsion as required, even under maximum tension.

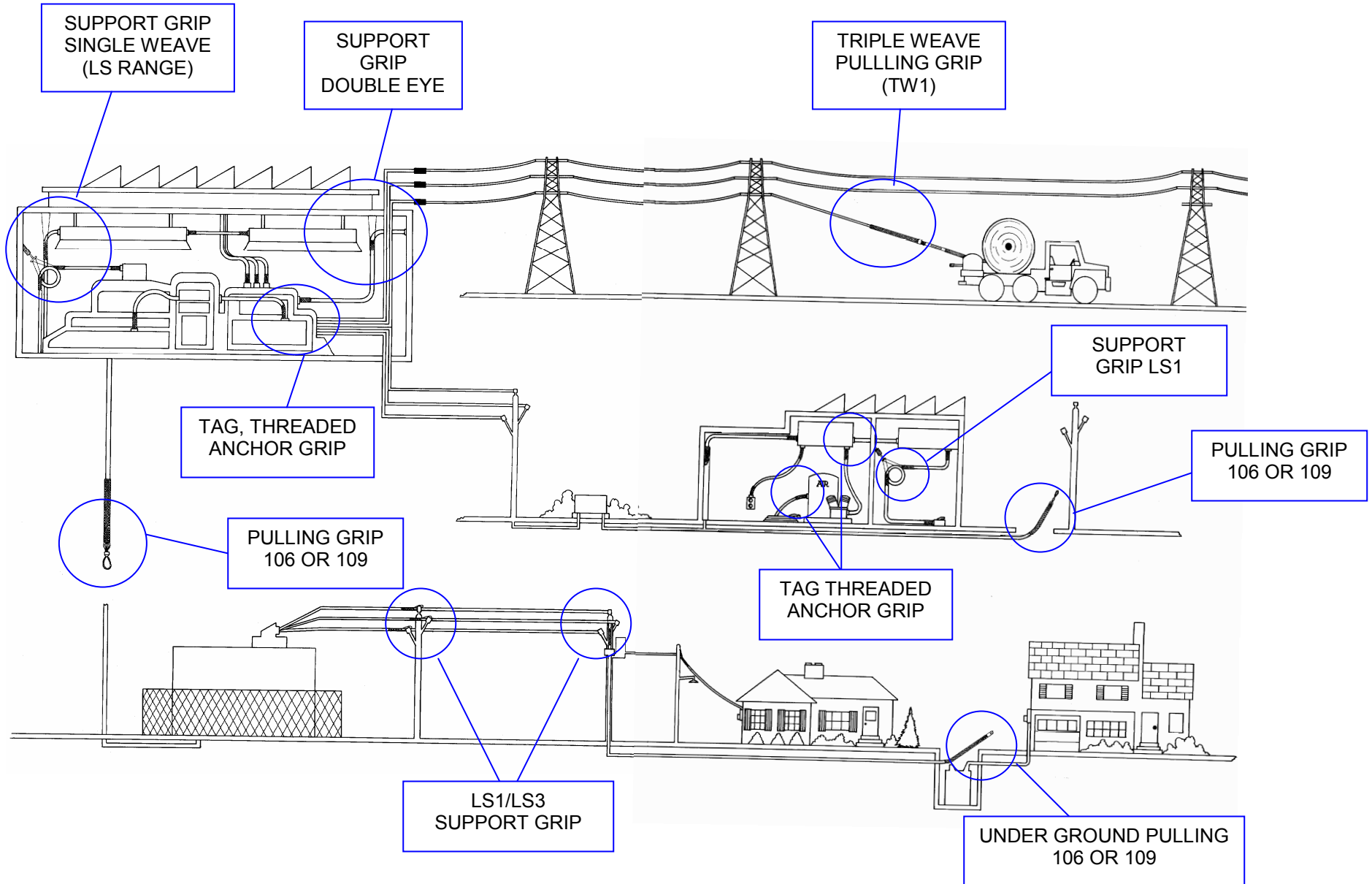
Note: Line swivels are not designed to run around bull wheels and severe damage or injury may be incurred if this is done

Max.Tension* (Kg)	Diameter (mm)	Clevis Gap (mm)	Length (mm)	Weight (kg)	CGM Ref. No.
340	15.9	7.1	64.0	0.06	107183
500	20.0	7.0	78.4	0.14	107173
1021	22.2	9.5	85.8	0.16	107174
1587	25.4	10.3	95.3	0.23	107175
2268	31.8	13.5	120.7	0.45	107176
3175	34.9	14.3	130.2	0.64	107177
4536	41.3	17.5	152.4	0.96	107181
6804	50.8	19.8	177.8	1.73	107178
13608	60.3	26.2	254.0	3.45	107182
22680	76.2	30.2	330.2	7.72	107179

(* Safety Factor 3:1 Applied)



CGM SYSTEMS CHART



Single Eye Pulling Stocking

Flexible eye as standard, single weave, light duty

Type	Art. No.	Range mm	Length mm	Eye mm	M.B.S	Weight ea Kg
LD/4	108 181	4 - 6	160	70	134 kg	0.06
LD/6	108 182	6 - 10	160	80	207 kg	0.08
LD/10	108 183	10 - 13	190	80	390 kg	0.15
LD/13	108 187	13 - 16	230	85	567 kg	0.22
LD/16	108 184	16 - 19	300	110	814 kg	0.40
LD/19	108 185	19 - 25	300	110	1174 kg	0.62
LD/25	108 186	25 - 32	320	130	1854 kg	1.06

Eye
Mesh Length



Non Conductive Cable Grips

Single Weave

Range mm	Single Eye		Double Eye		M.B.S	Weight ea Kg
	Art. No.	Type No.	Art. No.	Type No.		
10 - 20	108 300	P 1106/10	108 310	P 1206/10	1120 kg	0.10
20 - 30	108 301	P 1106/20	108 311	P 1206/20	1680 kg	0.10
30 - 40	108 302	P 1106/30	108 317	P 1206/30	2688 kg	0.11
40 - 50	108 303	P 1106/40	108 318	P 1206/40	2688 kg	0.12
50 - 65	108 307	P 1106/50	108 319	P 1206/50	2688 kg	0.15

Eye
Mesh Length



Non Conductive Cable Grips

Double Weave

Range mm	Single Eye		Double Eye		Double, split		M.B.S	Weight ea Kg
	Art. No.	Type No.	Art. No.	Type No.	Art. No.	Type No.		
10 - 20	108 296	P2106/10	-	-	-	-	2240 kg	
20 - 30	108 298	P2106/20	-	-	-	-	3360 kg	
30 - 40	108 348	P2106/30	108 312	P 2206/30	108 340	P2406/30	3360 kg	0.15
40 - 50	108 349	P2106/40	108 313	P 2206/40	108 341	P2406/40	5376 kg	0.17
50 - 65	108 304	P2106/50	108 314	P 2206/50	108 342	P2406/50	5376 kg	0.19
65 - 80	108 305	P2106/60	108 315	P 2206/65	108 343	P2406/65	7168 kg	0.28
80 - 100	108 306	P2106/80	108 316	P 2206/80	108 344	P2406/80	7168 kg	0.28



Single Eye Pulling Stockings

Flexible eye as standard, double weave, general duty

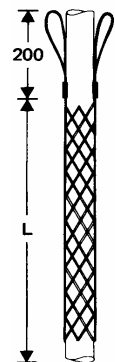
Range mm	Type Numbers				M.B.S	Weight ea Kg
	Art.No	L=600 mm	Art.No	L=900 mm		
6 - 10	109 000	106/6			1504 kg	0.12
8 - 16	109 025	106/8	109 054	109/8	1504 kg	0.12
10 - 20	109 001	106/10	109 020	109/10	1860 kg	0.17
20 - 30	109 002	106/20	109 019	109/20	2256 kg	0.20
25 - 38	109 023	106/25	109 049	109/25	3696 kg	0.29
30 - 40	109 003	106/30	109 018	109/30	3696 kg	0.29
40 - 50	109 004	106/40	109 010	109/40	5490 kg	0.63/0.95
50 - 65	109 005	106/50	109 011	109/50	5490 kg	0.65/0.94
65 - 80	109 006	106/65	109 012	109/65	7320 kg	0.83/1.20
80 - 95	109 007	106/80	109 013	109/80	7320 kg	0.91/1.31
95 - 110	109 008	106/95	109 014	109/95	10613 kg	1.30/2.10
110 - 130	-	-	109 015	109/110	10613 kg	1.30/2.10
130 - 150	-	-	109 016	109/130	10613 kg	2.50
150 - 180	-	-	109 017	109/150	12736 kg	2.50



Double Eye Pulling Stockings

Flexible eye as standard, double weave, general duty

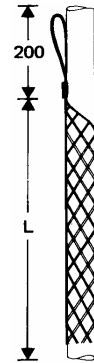
Range mm	Type Numbers				M.B.S	Weight ea Kg
	Art.No	L=600 mm	Art.No	L=900 mm		
10 - 20	109 100	206/10	109 121	209/10	1860 kg	0.25
20 - 30	109 101	206/20	109 120	209/20	2256 kg	0.27
25 - 38	109 130	206/25	109 129	209/25	3696 kg	0.41
30 - 40	109 102	206/30	109 122	209/30	3696 kg	0.54/0.76
40 - 50	109 103	206/40	109 109	209/40	5490 kg	0.60/0.84
50 - 65	109 104	206/50	109 110	209/50	5490 kg	0.82/1.15
65 - 80	109 105	206/65	109 111	209/65	7320 kg	0.85/1.23
80 - 95	109 106	206/80	109 112	209/80	7320 kg	1.40/2.30
95 - 110	109 107	206/95	109 113	209/95	10613 kg	1.40/2.30
110 - 130	109 108	206/110	109 114	209/110	10613 kg	1.40/2.30
130 - 150	-	-	109 115	209/130	10613 kg	2.60
150 - 180	-	-	109 116	209/150	12736 kg	2.60
180 - 210	-	-	109 117	209/180	15276 kg	2.60



Single Eye Fleeting Pulling Stockings

Flexible eye, double weave, general duty

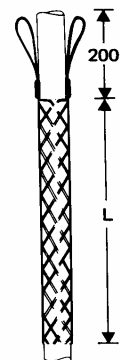
Range mm	Type Numbers				M.B.S	Weight ea Kg
	Art. No	L=600 mm	Art. No	L=900 mm		
10 - 20	109 200	306/10	-	-	1860 kg	0.20
20 - 30	109 201	306/20	109 220	309/20	2256 kg	0.22
25 - 38	109 199	306/25	109 221	309/25	3696 kg	0.22
30 - 40	109 202	306/30	109 219	309/30	3696 kg	0.38
40 - 50	109 203	306/40	109 209	309/40	5490 kg	0.64/0.95
50 - 65	109 204	306/50	109 210	309/50	5490 kg	0.87/1.16
65 - 80	109 205	306/65	109 211	309/65	7320 kg	0.91/1.20
80 - 95	109 206	306/80	109 212	309/80	7320 kg	0.96/1.34
95 - 110	109 207	306/95	109 213	309/95	10613 kg	1.30/2.10
110 - 130	109 208	306/110	109 214	309/110	10613 kg	1.30/2.10
130 - 150	-	-	109 215	309/130	10613 kg	2.50
150 - 180	-	-	109 216	309/150	12736 kg	2.50



Double Eye Lace Up (split) Pulling Stockings

Flexible eye as standard, double weave, general duty

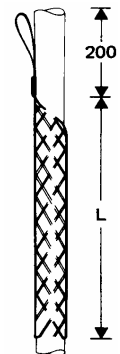
Range mm	Type Numbers				M.B.S	Weight ea Kg
	Art.No	L=600 mm	Art.No	L=900 mm		
10 -20	109 300	406/10	-	-	1860 kg	0.20
20 - 30	109 301	406/20	-	-	2256 kg	0.20
30 - 40	109 302	406/30	-	-	3696 kg	0.35
40 - 50	109 303	406/40	109 309	409/40	5490 kg	0.54/0.76
50 - 65	109 304	406/50	109 310	409/50	7320 kg	0.60/0.84
65 - 80	109 305	406/65	109 311	409/65	7320 kg	0.82/1.15
80 - 95	109 306	406/80	109 312	409/80	9150 kg	0.85/1.23
95 - 110	109 307	406/95	109 313	409/95	10613 kg	1.40/2.30
110 -130	109 308	406/110	109 314	409/110	10613 kg	1.40/2.30
130 - 150	-	-	109 315	409/130	12736 kg	2.60
150 - 180	-	-	109 316	409/150	15271 kg	2.60
180 - 220	-	-	109 317	409/180	18628 kg	2.60



Single Eye Fleeting Lace up Pulling Stockings

Flexible eye as standard, double weave lace up, general duty

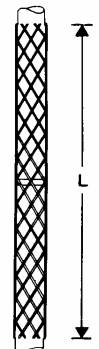
Range mm	Type Numbers				M.B.S	Weight ea Kg
	Art.No	L=600 mm	Art.No	L=900 mm		
10 - 20	109 400	506/10	109 418	509/10	1860 kg	0.20
20 - 30	109 401	506/20	109 417	509/20	2256 kg	0.25
30 - 40	109 402	506/30	109 419	509/30	3696 kg	0.37
40 - 50	109 403	506/40	109 409	509/40	5490 kg	0.63/0.95
50 - 65	109 404	506/50	109 410	509/50	7320 kg	0.87/1.16
65 - 80	109 405	506/65	109 411	509/65	7320 kg	0.91/1.20
80 - 95	109 406	506/80	109 412	509/80	9150 kg	0.91/1.34
95 - 110	109 407	506/95	109 413	509/95	10613 kg	1.40/2.30
110 - 130	109 408	506/110	109 414	509/110	10613 kg	1.40/2.30
130 - 150	-	-	109 415	509/130	12736 kg	2.60
150 - 180	-	-	109 416	509/150	15271 kg	2.60



Sleeve Or Open End Pulling Stockings

Double weave, general duty

Range mm	Type Numbers				M.B.S	Weight ea Kg
	Art.No	L=1200mm	Art.No	L=1800 mm		
8 - 16	109 500	612/8	109 509	618/8	1504 kg	0.25/0.40
10 - 20	109 501	612/10	109 510	618/10	1860 kg	0.30/0.45
20 - 30	109 502	612/20	109 511	618/20	2256 kg	0.35/0.50
25 - 38	109 493	612/25	109 519	618/25	3696 kg	0.64/0.82
30 - 40	109 503	612/30	109 512	618/30	3696 kg	0.64/0.82
40 - 50	109 504	612/40	109 513	618/40	5490 kg	1.00/1.50
50 - 65	109 505	612/50	109 514	618/50	5490 kg	1.10/1.60
65 - 80	109 506	612/65	109 515	618/65	7320 kg	1.50/2.15
80 - 95	109 507	612/80	109 516	618/80	9150 kg	1.60/2.25
95 - 110	109 508	612/95	109 517	618/95	12736 kg	2.60/4.35



Single Eye, Triple Weave, Pulling Grips

Flexible Eye with shoulders, heavy duty

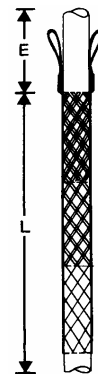
Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 330	6 - 13	TW1/FE6	700	140	2250 kg	0.22
108 331	12 - 19	TW1/FE12	825	200	3380 kg	0.40
108 332	19 - 25	TW1/FE19	1050	250	5540 kg	0.80
108 333	25 - 32	TW1/FE25	1300	300	9550 kg	1.46
108 334	32 - 38	TW1/FE32	1500	300	12000 kg	1.90
108 335	38 - 48	TW1/FE38	1900	300	12000 kg	2.10
108 336	48 - 63	TW1/FE48	1900	300	15051 kg	2.20



Double Eye, Triple Weave, Pulling grips

Flexible eye, heavy duty

Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
109 350	6 - 13	TW2/FE6	700	140	2250 kg	0.22
109 351	12 - 19	TW2/FE12	825	200	3380 kg	0.39
109 352	19 - 25	TW2/FE19	1050	250	5540 kg	0.80
109 353	25 - 32	TW2/FE25	1300	300	9550 kg	1.50
109 354	32 - 38	TW2/FE32	1500	300	12000 kg	1.96
109 355	38 - 48	TW2/FE38	1900	300	12000 kg	2.10
109 356	48 - 63	TW2/FE48	1900	300	15051 kg	2.20
109 357	63 - 80	TW2/FE63	1900	300	17446 kg	3.85
109 358	80 - 100	TW2/FE80	2000	300	22680 kg	5.30



Joining Grips, Triple Weave, Pulling Grips

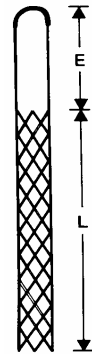
Heavy duty grips joined with 300 mm bond

Article No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
109 370	6 - 13	TW/J6	1400	-	2250 kg	0.44
109 371	12 - 19	TW/J12	1650	-	3380 kg	0.80
109 372	19 - 25	TW/J19	2100	-	5540 kg	1.60
109 373	25 - 32	TW/J25	2600	-	9550 kg	2.90
109 374	32 - 38	TW/J32	3000	-	12000 kg	3.80
109 375	38 - 48	TW/J38	3800	-	12000 kg	4.20

Support Grips

Single weave, Single Eye, Closed

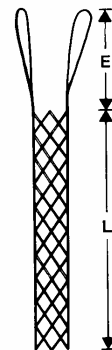
Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 350	4 - 6	LS1/4	90	100	135 kg	0.01
108 351	6 - 8	LS1/6	90	130	207 kg	0.01
108 352	8 - 10	LS1/8	130	130	346 kg	0.01
108 353	10 - 13	LS1/10	130	140	346 kg	0.02
108 354	13 - 16	LS1/13	180	180	346 kg	0.02
108 355	16 - 20	LS1/16	245	180	681 kg	0.04
108 356	20 - 25	LS1/20	260	180	814 kg	0.10
108 357	25 - 30	LS1/25	330	220	1173 kg	0.15
108 358	30 - 38	LS1/30	330	240	1173 kg	0.18
108 359	38 - 45	LS1/38	370	280	1173 kg	0.20
108 360	44 - 52	LS1/44	370	360	1564 kg	0.25
108 361	50 - 65	LS1/50	490	360	2195 kg	0.46
108 362	64 - 77	LS1/64	490	360	2195 kg	0.46
108 363	76 - 90	LS1/76	490	450	5490 kg	0.50
108 364	89 - 102	LS1/89	510	450	5490 kg	0.60



Support Grips

Single Weave, Double Eye, Closed

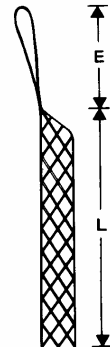
Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 370	10 -13	LS2/10	130	100	346 kg	0.02
108 371	13 - 17	LS2/13	180	130	346 kg	0.02
108 372	16 - 21	LS2/16	245	130	681 kg	0.04
108 373	20 - 25	LS2/20	260	135	814 kg	0.10
108 374	25 - 30	LS2/25	330	160	1173 kg	0.11
108 375	30 - 38	LS2/30	330	180	1173 kg	0.18
108 376	38 - 45	LS2/38	370	180	1173 kg	0.20
108 377	44 - 52	LS2/44	370	180	1564 kg	0.25
108 378	50 - 65	LS2/50	490	220	2195 kg	0.46
108 379	64 - 77	LS2/64	490	220	2195 kg	0.46
108 380	76 - 89	LS2/76	490	220	5490 kg	0.50
108 381	89 - 102	LS2/89	510	220	5490 kg	0.60



Support Grips

Single Weave, Single Offset Eye, Closed

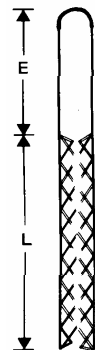
Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 390	10 - 13	LS3/10	130	80	346 kg	0.02
108 391	13 - 17	LS3/13	180	100	346 kg	0.02
108 392	16 - 21	LS3/16	245	100	681 kg	0.04
108 393	20 - 25	LS3/20	260	130	814 kg	0.10
108 394	25 - 30	LS3/25	330	130	1173 kg	0.15
108 395	30 - 38	LS3/30	330	130	1173 kg	0.18
108 396	38 - 45	LS3/38	370	140	1173 kg	0.20
108 397	44 - 52	LS3/44	370	160	1564 kg	0.25
108 398	50 - 65	LS3/50	490	160	2195 kg	0.46
108 399	64 - 77	LS3/64	490	170	2195 kg	0.46
108 400	76 - 89	LS3/76	490	200	5490 kg	0.50
108 401	89 - 102	LS3/89	510	200	5490 kg	0.60



Support Grips

Single Weave, Single Eye, Split (lace-up)

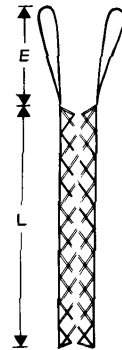
Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 500	10 - 17	LSL1/10	130	140	346 kg	0.02
108 536	13-17	LSL1/13	180	100	346 kg	0.02
108 501	16 - 20	LSL1/16	245	180	681 kg	0.02
108 502	20 - 25	LSL1/20	260	180	814 kg	0.04
108 503	25 - 32	LSL1/25	330	220	1173 kg	0.09
108 504	30 - 38	LSL1/30	330	240	1173 kg	0.18
108 505	38 - 51	LSL1/38	370	280	1173 kg	0.20
108 506	50 - 64	LSL1/50	490	360	2195 kg	0.24
108 507	64 - 77	LSL1/64	490	360	2195 kg	0.46
108 508	76 - 90	LSL1/76	490	450	5490 kg	0.50
108 509	89 - 102	LSL1/89	510	450	5490 kg	0.60



Support Grips

Single Weave, Double Eye, Split (Lace Up)

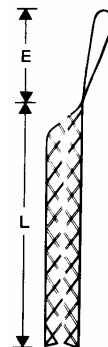
Art No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 510	10 - 17	LSL2/10	130	100	346 kg	0.02
108 531	13-17	LSL2/13	180	130	346 kg	0.02
108 511	16 - 20	LSL2/16	245	130	681 kg	0.02
108 512	20 - 25	LSL2/20	260	135	814 kg	0.04
108 513	25 - 32	LSL2/25	330	160	1173 kg	0.09
108 514	30 - 38	LSL2/30	330	180	1173 kg	0.18
108 515	38 - 51	LSL2/38	370	180	1173 kg	0.20
108 516	50 - 64	LSL2/50	490	220	2195 kg	0.24
108 517	64 - 77	LSL2/64	490	220	2195 kg	0.40
108 518	76 - 90	LSL2/76	490	220	5490 kg	0.50
108 519	89 - 102	LSL2/89	510	220	5490 kg	0.60



Support Grips

Single Weave, Single Offset Eye, Split (Lace Up)

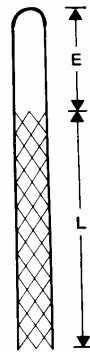
Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 520	10 - 17	LSL3/10	130	80	346 kg	0.02
108 521	16 - 20	LSL3/16	245	100	681 kg	0.02
108 522	20 - 25	LSL3/20	260	130	814 kg	0.04
108 523	25 - 32	LSL3/25	330	130	1173 kg	0.09
108 524	30 - 38	LSL3/30	330	130	1173 kg	0.16
108 525	38 - 51	LSL3/38	370	140	1173 kg	0.20
108 526	50 - 64	LSL3/50	490	160	2195 kg	0.24
108 527	64 - 77	LSL3/64	490	170	2195 kg	0.40
108 528	76 - 90	LSL3/76	490	200	5490 kg	0.50
108 529	89 - 102	LSL3/89	510	200	5490 kg	0.60



Support Grips

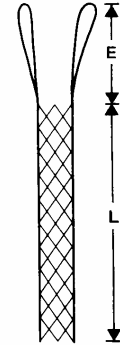
Double Weave, Single Eye, Closed

Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 540	10 - 20	HS1/10	630	250	1860 kg	0.15
108 541	20 - 30	HS1/20	630	250	2256 kg	0.02
108 542	30 - 40	HS1/30	750	250	3696 kg	0.03
108 543	38 - 51	HS1/40	850	250	5490 kg	0.44



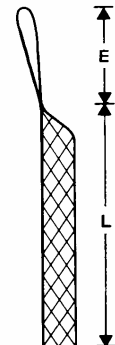
Double Weave, Double Eye, Closed

Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 544	20 - 30	HS2/20	630	250	2256 kg	0.25
108 545	30 - 40	HS2/30	750	250	3696 kg	0.35
108 546	38 - 51	HS2/40	850	250	5490 kg	0.50
108 547	50 - 65	HS2/50	950	250	5490 kg	0.62
108 548	65 - 80	HS2/65	1100	250	8490 kg	0.84
108 549	80 - 95	HS2/80	1100	250	12100 kg	1.86



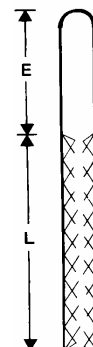
Single Offset Eye, Closed

Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 550	20 - 30	HS3/20	630	250	2256 kg	0.20
108 551	30 - 40	HS3/30	750	250	3696 kg	0.30
108 552	38 - 51	HS3/40	850	250	5490 kg	0.44



Single Eye, Split (Lace Up)

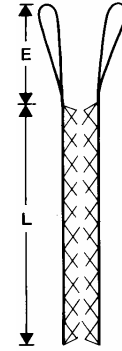
Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 553	20 - 30	HSL1/20	630	250	2256 kg	0.20
108 554	30 - 40	HSL1/30	750	250	3696 kg	0.30
108 555	38 - 51	HSL1/40	850	250	5490 kg	0.44



Support Grips

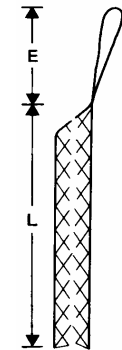
Double Eye, Split

Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 556	20 - 30	HSL2/20	630	250	2256 kg	0.25
108 557	30 - 40	HSL2/30	750	250	3696 kg	0.35
108 558	38 - 51	HSL2/40	850	250	5490 kg	0.50
108 559	50 - 65	HSL2/50	950	250	7320 kg	0.62
108 560	65 - 80	HSL2/65	1000	250	8490 kg	0.84
108 561	80 - 95	HSL2/80	1100	250	10613 kg	1.86



Single Offset Eye, Split

Art. No.	Range mm	Type	Dimensions		M.B.S	Weight ea Kg
			L' mm	E' mm		
108 562	20 - 30	HSL3/20	630	250	2256 kg	0.20
108 563	30 - 40	HSL3/30	700	250	3696 kg	0.30
108 564	38 - 51	HSL3/40	750	250	5490 kg	0.44



TAG, Threaded Anchor Grips

Metric/PG Conduit Nipple with Mesh Cable Restraint

Art. No.	Range mm	Type	Mesh 'M'	Thread	M.B.S	Weight ea Kg
			Length mm	D' mm		
109 580	6 - 10	TAG 6M20	85	20M	160 kg	0.03
109 581	6 - 10	TAG 6M25	85	25M	160 kg	0.03
109 582	10 - 14	TAG 10M20	100	20M	200 kg	0.03
109 583	10 - 14	TAG 10M25	100	25M	200 kg	0.04
109 584	14 - 20	TAG 14M 25	120	25M	450 kg	0.05
109 585	18 - 25	TAG 18M32	150	32M	450 kg	0.05
109 586	6 - 10	TAG 6PG13.5	85	PG 13.5	160 kg	0.03
109 587	6 - 10	TAG 6PG16	85	PG 16	160 kg	0.03
109 588	10 - 14	TAG 10PG13.5	100	PG 13.5	160 kg	0.03
109 589	10 - 14	TAG 10PG16	100	PG 16	200 kg	0.04
109 590	14 - 21	TAG 14PG21	150	PG 21	450 kg	0.05

