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# CABLEGRIPS

G A L V A N I Z E D • S T A I N L E S S • A R A M I D

**slingco**®

FOR QUICK AND EFFICIENT CABLE INSTALLATION AND SUPPORT



**Our company – a supplier of utility products since the 1970s – is a quality-conscious, customer-oriented business committed to delivering the products you need, when you need them.**



## **Welcome to Slingco – a Business Focused on Your Needs**



Established in the late 1970s, we are recognized as an innovative provider of solutions to international clients in industries as diverse as mining, civil engineering, telecommunications, rail transport, marine/offshore, defense and aerospace.

We are a major supplier of wire rope and associated products, and are an ISO9001 quality assured company.

Located in Fayetteville, GA, we offer national delivery of a range of cable installation products. For those products not available off-the-shelf, our automated manufacturing facility means we can meet all but the very tightest of delivery deadlines.

### **Quality Assured**

All products are manufactured in accordance with ISO 9001 quality standard.

### **Call us – Toll Free**

If you have questions or technical enquiries you'd like to ask, we're waiting for your call. You can contact us Toll Free on 888 685 9478.

For more information on any of the wire rope products we offer, please contact us at the address below.



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# CABLEGRIPS

## FOR QUICK AND EFFICIENT CABLE INSTALLATION AND SUPPORT

### ABOUT CABLEGRIPS

Cablegrips are a quick, efficient way to install/control electrical or heavy-duty cables. Cablegrips are re-usable (subject to inspection) and can also be used to support or pull any cylindrical object within their grip and load carrying capacity.

Slingco standard cablegrips are manufactured from high tensile galvanized or stainless steel wire rope or aramid.

A precise, hand-woven construction process, coupled with individual product inspection, ensures a high quality product for reliable, long lasting usage.

### APPLICATIONS

- Overhead house service cables
- Portable tool supply cables
- Portable compressed air lines
- Conduit risers
- Moveable hydraulic hoses
- Cable strain relief
- Oil support cables
- Marine applications
- "Guy rope" adjusters
- Fiber optic cable applications

### CLIENTS

- Oil rig operators
- Marine/offshore contractors
- Mining operators
- Overhead line stringing contractors
- Trench cable laying contractors
- Pipe laying contractors
- Winch and elevator manufacturers

### QUALITY ASSURANCE

Slingco operates a total quality management system and is accredited to ISO 9001 quality standard.

### PULLING APPLICATIONS

When the correct cablegrip is selected, cable installation through ducts, conduits and trenches is considerably easier. The cablegrip adds little to the overall diameter of the cable and "free passage" is normally available through sheave blocks and pipes. Cablegrips can often be used on a "new for old" cable replacement by applying two grips on a back-to-back basis with a solid link or swivel between grips. This method uses the old cable to pull through the new replacement.

Swivel links can be used to allow for reduced torque build-up induced by the pulling equipment and inherent lay in the cables.

Lace up cablegrips can be applied anywhere along the cable length, preventing overloading of the cable.

### PRODUCT SELECTION

Slingco offers a wide selection of cablegrips to match standard applications. However, larger diameters and longer lengths can be woven to special order. Slingco can manufacture very large, custom-made orders including grips with diameters up to 20 inches and breaks exceeding 120,000lbs.

Lattice dimensions shown are as fitted to a nominal diameter of cable and prior "free length" may be slightly longer than stated.



Our range of cablegrips includes:

#### **MU Type - Multi Weave**

The triple weave construction is ideal for heavy loads; color coded for ease of identification; primarily for pulling aluminum conductor.

#### **A Type - High Strength**

Can be used for aluminum conductor or for pulling rope; color coded for ease of identification; the strongest grip we produce.

#### **S Type - Single Eye**

Ideal for pulling medium to heavy loads; typical application - 'standard pull' of single or group of cables, where additional support is unnecessary, or if used in conjunction with other cablegrips.

#### **D Type - Double Eye**

Ideal for pulling medium to heavy loads; the main advantage over the single eye cablegrip is, since the cable being pulled can be passed through the grip, several cables can be used to support over a calculated distance.

#### **L Type - Lace Up**

Ideal for pulling medium to heavy loads; the L-type is fitted to the cable being pulled by stitching it together, like a football. Mainly used where a 'typical' cablegrip can't be fitted over a connector at the end of a cable.

#### **O Type - Open Ended**

Ideal for joining two cables to form a continuous loop. Typical application: replacement of elevator cables, where the old cable would be attached to the new one, and the cable then fed round with ease.

## LOAD CAPACITY

Actual break loads (lbs) are quoted, as a guide only, for cablegrips. Application load is normally calculated to be reduced by at least a factor of 5x the actual break load. Due to the wide variety of application parameters, the end-user must apply a sensible safety factor to suit the safety requirements for the conditions of use.

NOTE: If there is any doubt about application suitability or safety, please consult Slingco before using the cablegrips in question.

## SUPPORT APPLICATIONS

Cablegrips used for cable support applications have the same construction as grips used in pulling applications, except the grips stay in place to reduce strain load.

They can be a single- or double-weave type according to the load to be supported and can have one or two supporting 'eyes' depending on the available anchor points and the disposition of the load.

For supporting cablegrips choose from the various types illustrated in the catalog, including lace-up types, where needed. Due to the constant load-bearing nature of a supporting application, allow for a suitable "factor of safety" on capacity and arrange for regular recorded inspection of the cablegrip's "condition of safety" throughout its active life.

## MU Type - Multi Weave

The triple weave construction is ideal for heavy loads; color coded for ease of identification; primarily for pulling aluminum conductor.

SLINGCO. PART NO.	COLOR	SIZE RANGE	TYPE	LATTICE WEAVE	LATTICE LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS1710	Dark green	ins 0.25-0.49" mm 6-12	MU1	Triple	31" 787	7,000
ZCS1711	Brown	ins 0.50-0.74" mm 12-19	MU2	Triple	45" 1143	10,500
ZCS1712	Light blue	ins 0.75-0.99" mm 19-25	MU3	Triple	43" 1092	14,100
ZCS1713	Gold	ins 1.00-1.24" mm 25-31	MU4	Triple	65" 1651	25,000
ZCS1714	Black	ins 1.25-1.49" mm 31-38	MU5	Triple	59" 1499	31,000
ZCS1715	Red	ins 1.50-1.74" mm 38-44	MU6	Triple	82" 2083	31,000
ZCS1716	Dark blue	ins 1.75-2.24" mm 44-57	MU7	Triple	82" 2083	49,000
ZCS1750	Yellow	ins 2.00-2.49" mm 50-63	MU8	Triple	72" 1829	49,000
ZCS1751	Orange	ins 2.50-2.99" mm 63-76	MU9	Triple	72" 1829	49,000
ZCS1752	Aluminum	ins 3.00-3.49" mm 76-89	MU10	Triple	74" 1880	49,000
ZCS1753	Light green	ins 3.50-3.99" mm 89-102	MU11	Triple	76" 1930	49,000



## A Type - High Strength

Can be used for aluminum conductor or for pulling rope; color coded for ease of identification; the strongest grip we produce.

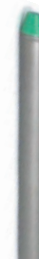
SLINGCO. PART NO.	COLOR	SIZE RANGE	TYPE	ROPE SIZE	OVERALL LENGTH	LATTICE LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS1799	Black	ins 0.19-0.38" mm 5-10	A1	0.25-0.65" 6-16	40" 1003	28" 718	7,000
ZCS1800	Dark green	ins 0.39-0.63" mm 10-16	A2	0.50-0.90" 13-23	55" 1397	41" 1054	13,450
ZCS1801	Red	ins 0.64-0.88" mm 16-22	A3	0.75-1.10" 19-28	74" 1880	58" 1473	20,000
ZCS1802	Dark blue	ins 0.89-1.13" mm 22-29	A4	1.00-1.50" 25-38	87" 2210	68" 1727	29,000
ZCS1803	Yellow	ins 1.14-1.38" mm 29-35	A5	1.25-1.70" 32-43	112" 2845	90" 2299	47,000
ZCS1804	Aluminum	ins 1.39-1.92" mm 35-50	A6	1.48-2.08" 38-53	121" 3073	96" 2438	65,000



## Feed tubes

Due to the tight construction of the cable grip, we recommend using the Slingco Feeder Tube when inserting cable into the A Type grips.

SLINGCO PART NO.	TUBE TO FIT ROPE DIAMETER (ins)	FEED TUBE LENGTH (ins)	TO FIT SLINGCO CABLE GRIP PART NO.	CABLE GRIP COLOUR
FTU1890	0.25 - 0.65	28	ZCS1799	Black
FTU1891	0.50 - 0.90	40	ZCS1800	Dark Green
FTU1892	0.75 - 1.10	52	ZCS1801	Red
FTU1893	1.00 - 1.50	67	ZCS1802	Dark Blue
FTU1894	1.25 - 1.70	83	ZCS1803	Yellow
FTU1895	1.50 - 2.10	96	ZCS1804	Aluminum



**WARNING: Slingco cablegrips must not be used as primary lifting devices!**

All specifications listed in this brochure are subject to change without notice.

## D Type - Double Eye

Ideal for pulling medium to heavy loads; the main advantage over the single eye cablegrip is, since the cable being pulled can be passed through the grip, several cables can be used to support over a calculated distance.

SLINGCO PART NO.	CABLE DIA	TYPE	LATTICE WEAVE	LATTICE LENGTH	OVERALL LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS0305	ins mm	0.38-0.50" 10-13	D1	Single 9" 230	12" 305	1,680
ZCS0306	ins mm	0.50-0.75" 13-19	D2	Single 14" 355	17" 430	2,240
ZCS0307	ins mm	0.75-1.0" 19-25	D3	Single 16" 405	20" 510	5,600
ZCS0308	ins mm	1.0-1.5" 25-38	D4	Single 18" 455	24" 610	7,840
ZCS0309	ins mm	1.5-2.0" 38-50	D5	Double 21" 535	29" 735	11,200
ZCS0310	ins mm	2.0-2.5" 50-63	D6	Double 24" 610	34" 865	11,200
ZCS0311	ins mm	2.5-3.5" 63-89	D7	Double 27" 685	39" 990	13,440
ZCS0312	ins mm	3.5-4.5" 89-115	D8	Double 27" 685	39" 990	15,680



## L Type - Lace Up

Ideal for pulling medium to heavy loads; the L-type is fitted to the cable being pulled by stitching it together, like a football. Mainly used where a 'typical' cablegrip cannot be fitted over a connector at the end of a cable.

SLINGCO PART NO.	CABLE DIA	TYPE	LATTICE WEAVE	LATTICE LENGTH	OVERALL LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS1157	ins mm	0.38-0.50" 10-13	L1	Single 9" 230	12" 305	1,680
ZCS0872	ins mm	0.50-0.75" 13-19	L2	Single 14" 355	17" 430	2,240
ZCS0871	ins mm	0.75-1.0" 19-25	L3	Single 16" 405	20" 510	5,600
ZCS0328	ins mm	1.0-1.5" 25-38	L4	Single 18" 455	24" 610	7,840
ZCS0329	ins mm	1.5-2.0" 38-50	L5	Double 21" 535	29" 735	11,200
ZCS0330	ins mm	2.0-2.5" 50-63	L6	Double 24" 610	34" 865	11,200
ZCS0331	ins mm	2.5-3.5" 63-89	L7	Double 27" 685	39" 990	13,440
ZCS0853	ins mm	3.5-4.5" 89-115	L8	Double 27" 685	39" 990	15,680



## O Type - Open Ended

Ideal for joining two cables to form a continuous loop. Typical application: replacement of elevator cables, where the old cable would be attached to the new one, and the cable then fed round with ease.

SLINGCO PART NO.	CABLE DIA	TYPE	LATTICE WEAVE	LATTICE LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS0313	ins mm	0.38-0.50" 10-13	O1	Single 15" 380	1,680
ZCS0314	ins mm	0.50-0.75" 13-19	O2	Single 24" 610	2,240
ZCS0315	ins mm	0.75-1.0" 19-25	O3	Single 28" 710	5,600
ZCS0316	ins mm	1.0-1.5" 25-38	O4	Single 32" 815	7,840
ZCS0317	ins mm	1.5-2.0" 38-50	O5	Double 36" 915	11,200
ZCS0318	ins mm	2.0-2.5" 50-63	O6	Double 42" 1065	11,200
ZCS1158	ins mm	2.5-3.5" 63-89	O7	Double 48" 1220	13,440
ZCS1159	ins mm	3.5-4.5" 89-115	O8	Double 54" 1370	15,680





## TECHNICAL INFORMATION

The Working Load (WL) of a Slingco cablegrip will depend on the Factor of Safety (FOS) applied to the Minimum Breaking Load.

For example, where the operational risk is considered to be normal, it is recommended that a FOS of 5 be applied, for high risk operations a FOS of at least 10 should be considered.

The Approximate Breaking Load stated on any certification, the recommended Factors of Safety, and any implied or stated fitness for purpose, are all only applicable when the cablegrip is as new and unused.

There are many factors that the person(s) using the Slingco Grip must take into consideration when trying to calculate a safe working load as it is impossible to guarantee a suitable safety factor when there are many variables which change from application to application.

In addition, before using any cablegrip, the user must carry out a full assessment of its suitability for the proposed application, and the level of operational risk involved, including taking account of:

- The size of the cablegrip, in relation to the size and shape of the gripped object(s).
- The stability of the object(s) when gripped.
- The grip surface of the object(s).
- The anticipated path of movement, including possible obstructions.
- The resistive force of the object being moved.
- The minimum-breaking load (MBL) of the cablegrip.
- The condition of the cablegrip.
- Suitability and compatibility of any attachments used.
- The environment / operating conditions.
- Persons at risk
- When selecting the cablegrip you require you must allow for a 20% variance in break loads and, if there is 'twist' in the cable you are pulling, a suitable swivel must be used.

If you have any questions regarding suitability for any particular application please call the distributor that supplied the cablegrip or the Technical Department at Slingco.

## S Type - Single Eye

Ideal for pulling medium to heavy loads; typical application - 'standard pull' of single or group of cables, where additional support is unnecessary, or if used in conjunction with other cablegrips.

SLINGCO. PART NO.		CABLE DIA	TYPE	LATTICE WEAVE	LATTICE LENGTH	OVERALL LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS0320	ins mm	0.38-0.50" 10-13	S1	Single	9" 230	12" 305	1,680
ZCS0321	ins mm	0.50-0.75" 13-19	S2	Single	14" 355	17" 430	2,240
ZCS0322	ins mm	0.75-1.0" 19-25	S3	Single	16" 405	20" 510	5,600
ZCS0323	ins mm	1.0-1.5" 25-38	S4	Single	18" 455	24" 610	7,840
ZCS0324	ins mm	1.50-2.0" 38-50	S5	Double	21" 535	29" 735	11,200
ZCS0325	ins mm	2.0-2.5" 50-63	S6	Double	24" 610	34" 865	11,200
ZCS0326	ins mm	2.5-3.5" 63-89	S7	Double	27" 685	39" 990	13,440
ZCS0327	ins mm	3.5-4.5" 89-115	S8	Double	27" 685	39" 990	15,680



## NON-CONDUCTIVE CABLEGRIPS

Our non-conductive range of cablegrips offers an alternative to steel - ideal for use in harsh conditions or for live-line work in the electrical industry.

Non-conductive cablegrips offer a dramatically improved weight to break ratio, alongside the following benefits:

- Low weight
- Non-metallic
- Excellent thermal and dimensional stability
- Low elongation at break
- High tensile strength
- Corrosion resistant
- Good chemical resistance
- Heat and flame retardant

## Non-Conductive Cablegrips

Ideal for use in harsh conditions or for live-line work in the electrical industry; dramatically improved weight to break ratio.

### Single weave

#### Single eye

SLINGCO PART NO.	INCHES RANGE	MM RANGE	APPROX BREAKING STRENGTH (lb)
ZCS1040	0.38-0.75"	10-20	2,460
ZCS1022	0.75-1.25"	20-30	3,580
ZCS1041	1.25-1.5"	30-40	4,920
ZCS1042	1.5-2.0"	40-50	5,820

#### Double eye

SLINGCO PART NO.	INCHES RANGE	MM RANGE	APPROX BREAKING STRENGTH (lb)
ZCS1148	0.38-0.75"	10-20	2,460
ZCS1176	0.75-1.25"	20-30	3,580
ZCS1177	1.25-1.5"	30-40	4,920
ZCS1178	1.5-2.0"	40-50	5,820

### Double weave

#### Single eye

SLINGCO PART NO.	INCHES RANGE	MM RANGE	APPROX BREAKING STRENGTH (lb)
ZCS1023	1.25-1.5"	30-40	9,860
ZCS1024	1.5-2.0"	40-50	11,880
ZCS1179	2.0-2.5"	50-65	15,900
ZCS1180	2.5-3.0"	65-80	15,900
ZCS1181	3.0-4.0"	80-100	15,900

#### Double eye

SLINGCO PART NO.	INCHES RANGE	MM RANGE	APPROX BREAKING STRENGTH (lb)
ZCS1182	1.25-1.5"	30-40	9,860
ZCS1183	1.5-2.0"	40-50	11,880
ZCS1184	2.0-2.5"	50-65	15,900
ZCS1185	2.5-3.0"	65-80	15,900
ZCS1186	3.0-4.0"	80-100	15,900

**WARNING: Slingco cablegrips must not be used as primary lifting devices!**

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## SUPPORT GRIPS



### Single Eye Support Grip

Recommended for permanent support applications.

SLINGCO PART NO.		CABLE DIA	APPROX. BREAKING LBS	LATTICE LENGTH
ZCS1893	ins	.50"-.62"	567	9.7"
	mm	12.7-15.7		245
ZCS1894	ins	.63"-.74"	890	9.7"
	mm	16.0-18.8		245
ZCS1895	ins	.75"-.99"	1,040	13"
	mm	19.0-25.1		330
ZCS1896	ins	1.00"-1.24"	1,700	13.5"
	mm	25.4-31.5		345
ZCS1897	ins	1.25"-1.49"	1,700	15"
	mm	31.7-37.8		380
ZCS1898	ins	1.50"-1.74"	1,700	16.5"
	mm	38.1-44.2		420
ZCS1899	ins	1.75"-1.99"	2,300	20"
	mm	44.4-50.5		510
ZCS1900	ins	2.00"-2.49"	3,400	21"
	mm	50.8-63.2		535
ZCS1901	ins	2.50"-2.99"	3,400	24"
	mm	63.5-75.9		610
ZCS1902	ins	3.00"-3.49"	5,000	26"
	mm	76.2-88.6		660
ZCS1903	ins	3.50"-3.99"	5,000	29"
	mm	88.9-101.3		735

### Single Eye Support Grip Lace Up Type

Recommended for permanent support applications.

SLINGCO PART NO.		CABLE DIA	APPROX. BREAKING LBS	LATTICE LENGTH
ZCS1904	ins	.50"-.62"	567	9.7"
	mm	12.7-15.7		245
ZCS1905	ins	.63"-.74"	890	9.7"
	mm	16.0-18.8		245
ZCS1906	ins	.75"-.99"	1,040	13"
	mm	19.0-25.1		330
ZCS1907	ins	1.00"-1.24"	1,700	13.5"
	mm	25.4-31.5		345
ZCS1908	ins	1.25"-1.49"	1,700	15"
	mm	31.7-37.8		380
ZCS1909	ins	1.50"-1.74"	1,700	16.5"
	mm	38.1-44.2		420
ZCS1910	ins	1.75"-1.99"	2,300	20"
	mm	44.4-50.5		510
ZCS1911	ins	2.00"-2.49"	3,400	21"
	mm	50.8-63.2		535
ZCS1912	ins	2.50"-2.99"	3,400	24"
	mm	63.5-75.9		610
ZCS1913	ins	3.00"-3.49"	5,000	26"
	mm	76.2-88.6		660
ZCS1914	ins	3.50"-3.99"	5,000	29"
	mm	88.9-101.3		735

### Offset Eye Support Grip

Recommended for permanent support applications.

SLINGCO PART NO.		CABLE DIA	APPROX. BREAKING LBS	LATTICE LENGTH
ZCS1915	ins	.50"-.62"	512	9.7"
	mm	12.7-15.7		245
ZCS1916	ins	.63"-.74"	740	9.7"
	mm	16.0-18.8		245
ZCS1917	ins	.75"-.99"	1,000	13"
	mm	19.0-25.1		330
ZCS1918	ins	1.00"-1.24"	1,540	13.5"
	mm	25.4-31.5		345
ZCS1919	ins	1.25"-1.49"	1,540	15"
	mm	31.7-37.8		380
ZCS1920	ins	1.50"-1.74"	1,540	16.5"
	mm	38.1-44.2		420
ZCS1921	ins	1.75"-1.99"	2,010	20"
	mm	44.4-50.5		510
ZCS1922	ins	2.00"-2.49"	3,230	21"
	mm	50.8-63.2		535
ZCS1923	ins	2.50"-2.99"	3,230	24"
	mm	63.5-75.9		610
ZCS1924	ins	3.00"-3.49"	4,000	26"
	mm	76.2-88.6		660
ZCS1925	ins	3.50"-3.99"	4,000	29"
	mm	88.9-101.3		735

### Double Eye Support Grip

Recommended for permanent support applications.

SLINGCO PART NO.		CABLE DIA	APPROX. BREAKING LBS	LATTICE LENGTH
ZCS2038	ins	.50"-.62"	512	9.7"
	mm	12.7-15.7		245
ZCS2039	ins	.63"-.74"	740	9.7"
	mm	16.0-18.8		245
ZCS2040	ins	.75"-.99"	1,000	13"
	mm	19.0-25.1		330
ZCS2041	ins	1.00"-1.24"	1,540	13.5"
	mm	25.4-31.5		345
ZCS2042	ins	1.25"-1.49"	1,540	15"
	mm	31.7-37.8		380
ZCS2043	ins	1.50"-1.74"	2,010	16.5"
	mm	38.1-44.2		420
ZCS2044	ins	1.75"-1.99"	3,230	20"
	mm	44.4-50.5		510
ZCS2045	ins	2.00"-2.49"	3,230	21"
	mm	50.8-63.2		535
ZCS2046	ins	2.50"-2.99"	4,000	24"
	mm	63.5-75.9		610
ZCS2047	ins	3.00"-3.49"	4,000	26"
	mm	76.2-88.6		660
ZCS2048	ins	3.50"-3.99"	4,000	29"
	mm	88.9-101.3		735

## Fiber Optic Pulling Grip

Designed for installing Fiber Optic cable, its single weave and double weave combination gives it both grip and strength.

SLINGCO. PART NO.		CABLE DIA LENGTH	OVERALL LENGTH	APPROX BREAKING STRENGTH (lb)	LATTICE LENGTH
ZCS2008	ins mm	.11"-.23" 2.5-5.6	18"	950	18" 455
ZCS2009	ins mm	.21"-.36" 5.3-9.2	22"	1,650	22" 560
ZCS2010	ins mm	.32"-.49" 8.1-12.5	27"	2,200	27" 690
ZCS2011	ins mm	.42"-.62" 10.7-15.8	29"	2,750	29" 735
ZCS2012	ins mm	.53"-.75" 13.5-19.1	32"	3,700	32" 815
ZCS2013	ins mm	.64"-.88" 16.3-22.4	34"	4,250	34" 865
ZCS2014	ins mm	.75"-1.00" 19.1-25.5	37"	4,250	37" 940



**Slingco –  
a Business Focused on Your Needs**



**Slingco offers a wide selection of cablegrips to  
match standard applications. Larger diameters  
and longer lengths can be woven to special order.**



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