

CATALOGUE

Manufacturer of Cable Grips

Support Grips, Pulling Grips, Strain Relief Grips



- CE, UL & CSA Listed
- Wide Range of Styles & Sizes
- Color Can Be Customized

Cable Grip Families



Maxdao Cable Grips are built tough for industrial applications. The broad selection of strain relief, pulling, and support grips are available in a wide range of styles and sizes to serve all of your cable protection needs. Maxdao can provide professional solutions according to customer's usage scenarios.



Support Grips

Indoor and outdoor support grips are designed to distribute weight of vertical or sloping runs of electrical and fiber optic cable, metal rods, tubing or hose over the entire length of the grip to avoid damage. A variety of hanging styles are available to service numerous cable support installations.



Pulling Grips

Pulling grips serve as reusable tools for pulling insulated conductors, bare wires, cable, fiber optic cable and nylon and wire rope. Used for overhead, underground or in-plant wiring applications. These grips protect the cable from abrasion and ease the cable through bends and rough surfaces.



Strain Relief Grips

Strain relief grips are used to connect cords or cable to electrical enclosures and industrial equipment. These grips prevent cable or conduit pull-out at the point of termination due to tension. Strain relief grips also distribute strain throughout the length of the mesh during bending, prolonging the life of the cable.

Quick Reference Selection Guide

Support Grips



Single Eye

For single hook attachment of permanent indoor/outdoor cable. Available on heavy-duty, standard duty, service drop and bus drop grips.



Double Eye

For double hook attachment of permanent indoor/outdoor cable. Available on heavy duty and standard duty grips.



Offset Eye

For offset hook attachment of permanent indoor/outdoor cable. Available on standard duty and light-duty support grips.



Locking Bale

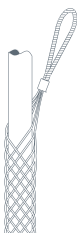
Adjustable and self-locking, used to fasten around a beam, pipe or other continuous structural object. Available on standard duty, service drop and bus drop grips.

Pulling Grips



Flexible Eye

For industrial pulling of electrical cable, overhead transmission and for underground and industrial plant wiring and re-wiring.



Offset Eye

For removing underground cable and pulling slack in existing cable and new installations and when end of cable is not available.



Rotating Eye

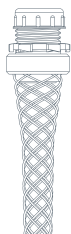
For underground wiring and overhead heavy-duty pulling of service lines and new construction cable.



Whipsocks & Whipchecks

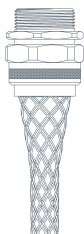
High-pressure hose safety restraint device, designed to prevent injuries and severe fatalities. reliably stops the unpredictable and potentially hazardous movement of a high-pressure hose. Used on various high-pressure hoses, including air, water, hydraulic, slurry, etc.

Strain Relief Grips



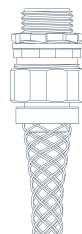
Dust Tight Grips

Indoor use only for wiring of electrical enclosures, machine tools, portable power tools, bus drop cable systems.



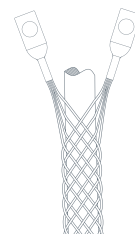
Deluxe Cord Grips

Indoor or outdoor use where subject to moisture, splash, or washdown. Examples are enclosures, crane hoist and pendant drop stations, hand tools, pumps, and processing equipment. Available in straight, 90°, or 45° configurations.



Liquid-Tight Grips

Connects liquid-tight conduit to electrical enclosures. Provides a liquid-tight seal and protects against cable damage caused by vibration, flexing and strain. Available in straight, 90°, or 45° configurations.



I-Grips

Provides heavy duty strain relief on plug and connector cord assemblies and portable equipment.

Hoisting Grips

Product Description

Single Eye

Pre-laced & Lace-up Grips



Features & Benefits

- Hoisting grips are used with safety ropes to safely lift cables onto the tower and providing permanent support.
- Used for support to absorb additional strain from vibration, expansion, contraction and flexing.
- Use at 200 ft (60 m) intervals to raise cable on tower.
- Closed mesh hoisting grips are used when the end of the cable is accessible.
- Lace-up hoisting grip allows use of any area of the cable.



Pre-laced

Pre-laced Hoisting Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Part Number
1/4"(6.0-9.9mm)	6"(152.4mm)	6"(152.4mm)	260 lbs.	HG14PL
3/8"(10.1-11.9mm)	6"(152.4mm)	6"(152.4mm)	500 lbs.	HG38PL
1/2"(11.4-16.0mm)	7"(177.8mm)	10"(254.0mm)	1200 lbs.	HG12PL
5/8"(21.3-22.6mm)	12"(304.8mm)	10"(254.0mm)	2500 lbs.	HG58PL
7/8"(27.4-30.4mm)	13"(330.2mm)	17"(431.8mm)	3000 lbs.	HG78PL
1-1/4"(39.1-42.4mm)	10"(254.0mm)	24"(609.6mm)	4000 lbs.	HG114PL
1-5/8"(50.3-51.8mm)	12"(304.8mm)	27"(685.8mm)	4000 lbs.	HG158PL
2-1/4"(59.7-59.9mm)	20"(508.0mm)	27"(685.8mm)	6000 lbs.	HG214PL

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Lace-up

Lace-up Hoisting Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Part Number
1/4"(6.0-9.9mm)	6"(152.4mm)	6"(152.4mm)	260 lbs.	HG14L
3/8"(10.1-11.9mm)	6"(152.4mm)	6"(152.4mm)	500 lbs.	HG38L
1/2"(11.4-16.0mm)	7"(177.8mm)	10"(254.0mm)	1200 lbs.	HG12L
5/8"(21.3-22.6mm)	8"(203.2mm)	18"(457.2mm)	2500 lbs.	HG58L
7/8"(27.4-30.4mm)	13"(330.2mm)	17"(431.8mm)	3000 lbs.	HG78L
1-1/4"(39.1-42.4mm)	8"(203.8mm)	25"(635.0mm)	4000 lbs.	HG114L
1-5/8"(50.3-51.8mm)	12"(304.8mm)	27"(685.8mm)	4000 lbs.	HG158L
2-1/4"(59.7-59.9mm)	14"(355.6mm)	26"(660.4mm)	6000 lbs.	HG214L

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Standard Duty Support Grips

Product Description

Single Eye
Closed Mesh, Split Lace & Split Rod Grips



Features & Benefits

- Single eye for use when cable is vertical and for applications where cable bends.
- The main materials of wire mesh are stainless steel, tinned bronze, galvanized steel, nylon and aramid according to customer requirements.
- Closed mesh provides permanent support when cable end is available.
- Split lace provides permanent support for mid-cable placement.
- Split rod provides support for mid-cable placement.



Closed Mesh



Split Lace



Split Rod

Single Eye Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Closed Mesh Part Number	Split Lace Part Number	Split Rod Part Number
0.50-0.61"(12.7-15.5mm)	7.0"(177.8mm)	11.0"(279.4mm)	770 lbs.	SEHG1216	SGSL1216	SGSR1216
0.62-0.74"(15.7-18.8mm)	8.0"(203.2mm)	11.0"(279.4mm)	960 lbs.	SEHG1519	SGSL1519	SGSR1519
0.75-0.99"(19.1-25.1mm)	8.0"(203.2mm)	14.0"(355.6mm)	1300 lbs.	SEHG1925	SGSL1925	SGSR1925
1.00-1.24"(25.4-31.5mm)	9.0"(228.6mm)	15.0"(381.0mm)	1680 lbs.	SEHG2532	SGSL2532	SGSR2532
1.25-1.49"(31.8-37.8mm)	10.0"(254.0mm)	16.0"(406.4mm)	1680 lbs.	SEHG3238	SGSL3238	SGSR3238
1.50-1.74"(38.1-44.2mm)	12.0"(304.8mm)	18.0"(457.2mm)	1680 lbs.	SEHG3844	SGSL3844	SGSR3844
1.75-1.99"(44.5-50.5mm)	14.0"(355.6mm)	20.0"(508.0mm)	2640 lbs.	SEHG4450	SGSL4450	SGSR4450
2.00-2.49"(50.8-63.2mm)	16.0"(406.4mm)	22.0"(558.8mm)	3760 lbs.	SEHG5063	SGSL5063	SGSR5063
2.50-2.99"(63.5-75.9mm)	18.0"(457.2mm)	24.0"(609.6mm)	3760 lbs.	SEHG6375	SGSL6375	SGSR6375
3.00-3.49"(76.2-88.6mm)	21.0"(533.4mm)	26.0"(660.4mm)	5040 lbs.	SEHG7688	SGSL7688	SGSR7688
3.50-3.99"(88.9-101.3mm)	24.0"(609.6mm)	28.0"(711.2mm)	5040 lbs.	SEHG8899	SGSL8899	SGSR8899

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Standard Duty Support Grips

Product Description

Double Eye
Closed Mesh, Split Lace & Split Rod Grips



Features & Benefits

- Double eye for use when cable is vertical and extends without bending.
- The main materials of wire mesh are stainless steel, tinned bronze, galvanized steel, nylon and aramid according to customer requirements.
- Closed mesh provides permanent support when cable end is available.
- Split lace provides permanent support for mid-cable placement.
- Split rod provides support for mid-cable placement.



Closed Mesh



Split Lace



Split Rod

Double Eye Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Closed Mesh Part Number	Split Lace Part Number	Split Rod Part Number
0.50-0.61"(12.7-15.5mm)	4"(101.6mm)	11.0"(279.4mm)	770 lbs.	DEHG1216	SGDL1216	SGDR1216
0.62-0.74"(15.7-18.8mm)	4"(101.6mm)	11.0"(279.4mm)	960 lbs.	DEHG1519	SGDL1519	SGDR1519
0.75-0.99"(19.1-25.1mm)	4"(101.6mm)	14.0"(355.6mm)	1300 lbs.	DEHG1925	SGDL1925	SGDR1925
1.00-1.24"(25.4-31.5mm)	5"(127.0mm)	15.0"(381.0mm)	1680 lbs.	DEHG2532	SGDL2532	SGDR2532
1.25-1.49"(31.8-37.8mm)	5"(127.0mm)	16.0"(406.4mm)	1680 lbs.	DEHG3238	SGDL3238	SGDR3238
1.50-1.74"(38.1-44.2mm)	6"(152.4mm)	18.0"(457.2mm)	1680 lbs.	DEHG3844	SGDL3844	SGDR3844
1.75-1.99"(44.5-50.5mm)	6"(152.4mm)	20.0"(508.0mm)	2640 lbs.	DEHG4450	SGDL4450	SGDR4450
2.00-2.49"(50.8-63.2mm)	6"(152.4mm)	22.0"(558.8mm)	3760 lbs.	DEHG5063	SGDL5063	SGDR5063
2.50-2.99"(63.5-75.9mm)	6"(152.4mm)	24.0"(609.6mm)	3760 lbs.	DEHG6375	SGDL6375	SGDR6375
3.00-3.49"(76.2-88.6mm)	8"(203.2mm)	26.0"(660.4mm)	5040 lbs.	DEHG7688	SGDL7688	SGDR7688
3.50-3.99"(88.9-101.3mm)	8"(203.2mm)	28.0"(711.2mm)	5040 lbs.	DEHG8899	SGDL8899	SGDR8899

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Standard Duty Support Grips

Product Description

Offset Eye
Closed Mesh, Split Lace & Split Rod Grips  

Features & Benefits

- Offset eye for use when offset positioning is required.
- Main materials of wire mesh are stainless steel, tinned bronze, galvanized steel, nylon and aramid according to customer requirements.
- Closed mesh provides permanent support when cable end is available.
- Split lace provides permanent support for mid-cable placement.
- Split rod provides support for mid-cable placement.



Closed Mesh



Split Lace



Split Rod

Offset Eye Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Closed Mesh Part Number	Split Lace Part Number	Split Rod Part Number
0.50-0.61"(12.7-15.5mm)	4"(101.6mm)	11.0"(279.4mm)	770 lbs.	SSG012	SSOG012	SSLG012
0.62-0.74"(15.7-18.8mm)	4"(101.6mm)	11.0"(279.4mm)	960 lbs.	SSG016	SSOG016	SSLG016
0.75-0.99"(19.1-25.1mm)	5"(127.0mm)	14.0"(355.6mm)	1300 lbs.	SSG022	SSOG022	SSLG022
1.00-1.24"(25.4-31.5mm)	5"(127.0mm)	15.0"(381.0mm)	1680 lbs.	SSG025	SSOG025	SSLG025
1.25-1.49"(31.8-37.8mm)	6"(152.4mm)	16.0"(406.4mm)	1680 lbs.	SSG032	SSOG032	SSLG032
1.50-1.74"(38.1-44.2mm)	6"(152.4mm)	18.0"(457.2mm)	1680 lbs.	SSG038	SSOG038	SSLG038
1.75-1.99"(44.5-50.5mm)	6"(152.4mm)	20.0"(508.0mm)	2640 lbs.	SSG042	SSOG042	SSLG042
2.00-2.49"(50.8-63.2mm)	9"(228.6mm)	22.0"(558.8mm)	3760 lbs.	SSG050	SSOG050	SSLG050
2.50-2.99"(63.5-75.9mm)	9"(228.6mm)	24.0"(609.6mm)	3760 lbs.	SSG060	SSOG060	SSLG060
3.00-3.49"(76.2-88.6mm)	11"(279.4mm)	26.0"(660.4mm)	5040 lbs.	SSG075	SSOG075	SSLG075
3.50-3.99"(88.9-101.3mm)	11"(279.4mm)	28.0"(711.2mm)	5040 lbs.	SSG090	SSOG090	SSLG090

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Heavy Duty Support Grips

Product Description

Single Eye, Double Eye
Closed Mesh & Split Lace Grips



Features & Benefits

- Designed for use with poles, towers, buildings, elevators, mine shafts and other structures.
- Permanent support of heavy loads and long runs of vertically hung cables, hose, tubing and metal rods.
- Double weave provides industrial strength.
- The main materials of wire mesh are stainless steel or tinned bronze.
- Closed mesh provides permanent support when cable end is available.
- Split lace provides permanent support for mid-cable placement.



Closed Mesh



Split Lace



Closed Mesh



Split Lace

Single Eye Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Closed Mesh Part Number	Split Lace Part Number
0.75-0.99"(19.1-25.1mm)	10"(254.0mm)	26"(660.4mm)	2700 lbs.	MHG075-P	MHG075-L
1.00-1.24"(25.4-31.5mm)	10"(254.0mm)	29"(736.6mm)	4720 lbs.	MHG100-P	MHG100-L
1.25-1.49"(31.8-37.8mm)	10"(254.0mm)	31"(787.4mm)	4720 lbs.	MHG125-P	MHG125-L
1.50-1.99"(38.1-50.5mm)	10"(254.0mm)	35"(889.0mm)	4720 lbs.	MHG150-P	MHG150-L

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Double Eye Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Closed Mesh Part Number	Split Lace Part Number
0.75-0.99"(19.1-25.1mm)	10"(254.0mm)	26"(660.4mm)	2700 lbs.	DMHG075-P	DMHG075-L
1.00-1.24"(25.4-31.5mm)	10"(254.0mm)	29"(736.6mm)	4720 lbs.	DMHG100-P	DMHG100-L
1.25-1.49"(31.8-37.8mm)	10"(254.0mm)	31"(787.4mm)	4720 lbs.	DMHG125-P	DMHG125-L
1.50-1.99"(38.1-50.5mm)	10"(254.0mm)	35"(889.0mm)	4720 lbs.	DMHG150-P	DMHG150-L
2.00-2.49"(50.8-63.2mm)	10"(254.0mm)	37"(989.8mm)	10080 lbs.	DMHG200-P	DMHG200-L
2.50-2.99"(63.5-75.9mm)	12"(304.8mm)	39"(990.6mm)	10080 lbs.	DMHG250-P	DMHG250-L
3.00-3.49"(76.2-88.6mm)	12"(304.8mm)	41"(1041.4mm)	10080 lbs.	DMHG300-P	DMHG300-L
3.50-3.99"(88.9-101.3mm)	12"(304.8mm)	45"(1143.0mm)	12000 lbs.	DMHG350-P	DMHG350-L
4.00-4.49"(101.6-114.0mm)	12"(304.8mm)	47"(1193.8mm)	12000 lbs.	DMHG400-P	DMHG400-L

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Locking Bale Support Grips

Product Description

Locking Bale
Closed Mesh, Split Lace & Split Rod Grips



Features & Benefits

- Locking bale provides easy, quick attachment to fixed structure without the need for additional hardware.
- The main materials of wire mesh are stainless steel, tinned bronze, galvanized steel.
- Closed mesh provides permanent support when cable end is available.
- Split lace provides permanent support for mid-cable placement.
- Split rod provides support for mid-cable placement.




Locking Bale Support Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Closed Mesh Part Number	Split Lace Part Number	Split Rod Part Number
0.50-0.62"(12.7-15.7mm)	18"(457.2mm)	11"(279.4mm)	770 lbs.	SBG012	SBOG012	SBLG012
0.62-0.74"(15.7-18.8mm)	18"(457.2mm)	11"(279.4mm)	1150 lbs.	SBG016	SBOG016	SBLG016
0.75-0.99"(19.1-25.1mm)	18"(457.2mm)	14"(355.6mm)	1320 lbs.	SBG022	SBOG022	SBLG022
1.00-1.24"(25.4-31.5mm)	18"(457.2mm)	15"(381.0mm)	1920 lbs.	SBG025	SBOG025	SBLG025
1.25-1.49"(31.8-37.8mm)	18"(457.2mm)	16"(406.4mm)	1920 lbs.	SBG032	SBOG032	SBLG032
1.50-1.74"(38.1-44.2mm)	18"(457.2mm)	18"(457.2mm)	1920 lbs.	SBG038	SBOG038	SBLG038
1.75-1.99"(44.5-50.5mm)	18"(457.2mm)	20"(508.0mm)	3150 lbs.	SBG042	SBOG042	SBLG042
2.00-2.49"(50.8-63.2mm)	18"(457.2mm)	22"(558.8mm)	3360 lbs.	SBG050	SBOG050	SBLG050
2.50-2.99"(63.5-75.9mm)	18"(457.2mm)	24"(609.6mm)	3360 lbs.	SBG060	SBOG060	SBLG060
3.00-3.49"(76.2-88.6mm)	18"(457.2mm)	26"(660.4mm)	5280 lbs.	SBG075	SBOG075	SBLG075
3.50-3.99"(88.9-101.3mm)	18"(457.2mm)	28"(711.2mm)	5280 lbs.	SBG090	SBOG090	SBLG090

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Kevlar Support Grips

Product Description

Kevlar
Closed Mesh & Split Lace Grips  

Features & Benefits

- Non-metallic aramid fiber for highly corrosive environments where corrosive gases attack other materials.
- Single eye attachment for permanent indoor/outdoor cable.
- Double weave braided design for added strength and positive holding power.
- Absorbs strain from flexure, vibration, expansion and contraction.
- Closed mesh provides permanent support when cable end is available.
- Split lace provides permanent support for mid-cable placement.



Closed Mesh



Split Lace

Kevlar Support Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Closed Mesh Part Number	Split Lace Part Number
0.50-0.61"(12.7-15.5mm)	7.0"(177.8mm)	11.0"(279.4mm)	770 lbs.	FASG012	FASL012
0.62-0.74"(15.7-18.8mm)	8.0"(203.2mm)	11.0"(279.4mm)	960 lbs.	FASG016	FASL016
0.75-0.99"(19.1-25.1mm)	8.0"(203.2mm)	14.0"(355.6mm)	1300 lbs.	FASG022	FASL022
1.00-1.24"(25.4-31.5mm)	9.0"(228.6mm)	15.0"(381.0mm)	1680 lbs.	FASG025	FASL025
1.25-1.49"(31.8-37.8mm)	10.0"(254.0mm)	16.0"(406.4mm)	1680 lbs.	FASG032	FASL032
1.50-1.74"(38.1-44.2mm)	12.0"(304.8mm)	18.0"(457.2mm)	1680 lbs.	FASG038	FASL038
1.75-1.99"(44.5-50.5mm)	14.0"(355.6mm)	20.0"(508.0mm)	3000 lbs.	FASG042	FASL042
2.00-2.49"(50.8-63.2mm)	16.0"(406.4mm)	22.0"(558.8mm)	3000 lbs.	FASG050	FASL050

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Service Drop Support Grips

Product Description

Service Drop

Single Eye & Locking Bale Grips



Features & Benefits

- Service Drop Support Grips are used in a wide variety of light duty electrical applications such as service entrance, cable TV, telephone, fiber optics, etc.
- The main materials of wire mesh are stainless steel, tinned bronze, galvanized steel.
- Single eye for use when cable is vertical and for applications where cable bends.
- Locking bale attachment fits around beam or pipe and can be locked in place.



Single Eye

Single Eye Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Part Number
0.22-0.32"(5.6-8.1mm)	4"(101.6mm)	4"(101.6mm)	290 lbs.	MSHG0509PL
0.30-0.43"(7.6-10.1mm)	5"(127.0mm)	5"(127.0mm)	500 lbs.	MSHG0710PL
0.41-0.56"(10.4-14.2mm)	6"(152.4mm)	5"(127.0mm)	500 lbs.	MSHG1014PL
0.53-0.73"(13.4-18.5mm)	8"(203.2mm)	8"(203.2mm)	790 lbs.	MSHG1419PL
0.70-0.97"(17.8-24.6mm)	8"(203.2mm)	9"(228.6mm)	1020 lbs.	MSHG1725PL
0.94-1.25"(23.8-31.8mm)	10"(254.0mm)	11"(279.4mm)	1020 lbs.	MSHG2432PL

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.



Locking Bale

Locking Bale Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Part Number
0.22-0.32"(5.6-8.1mm)	10"(254.0mm)	4"(101.6mm)	290 lbs.	LSHG06
0.30-0.43"(7.6-10.1mm)	11"(279.4mm)	5"(127.0mm)	500 lbs.	LSHG09
0.41-0.56"(10.4-14.2mm)	12"(304.8mm)	5"(127.0mm)	500 lbs.	LSHG12
0.53-0.73"(13.4-18.5mm)	14"(355.6mm)	8"(203.2mm)	790 lbs.	LSHG16
0.70-0.97"(17.8-24.6mm)	14"(355.6mm)	9"(228.6mm)	1020 lbs.	LSHG22
0.94-1.25"(23.8-31.8mm)	16"(406.4mm)	11"(279.4mm)	1020 lbs.	LSHG25

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Bus Drop Support Grips

Product Description

Bus Drop

Single Eye & Locking Bale Grips



Features & Benefits

- Bus Drop Support Grips are used in support flexible cord or bus drop cable at bus duct and other industrial areas.
- Relieve sudden stress on cord or cable overhead systems when used with bus drop support spring.
- The main materials of wire mesh are stainless steel or galvanized steel.
- Single eye for use when cable is vertical and for applications where cable bends.
- Locking bale attachment fits around beam or pipe and can be locked in place.



Single Eye

Single Eye Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Part Number
0.22-0.32"(5.6-8.1mm)	9"(228.6mm)	3.5"(88.9mm)	650 lbs.	MBHG0509PL
0.30-0.43"(7.6-10.9mm)	9"(228.6mm)	4.5"(114.3mm)	1100 lbs.	MBHG0711PL
0.41-0.56"(10.4-14.2mm)	9"(228.6mm)	5.0"(127.0mm)	1100 lbs.	MBHG1014PL
0.53-0.73"(13.5-18.5mm)	9"(228.6mm)	6.5"(165.1mm)	1100 lbs.	MBHG1419PL
0.70-0.85"(17.8-21.6mm)	9"(228.6mm)	8.5"(215.9mm)	1900 lbs.	MBHG1822PL
0.82-1.00"(20.8-25.4mm)	9"(228.6mm)	8.5"(215.9mm)	1900 lbs.	MBHG1925PL
0.96-1.25"(24.4-31.8mm)	9"(228.6mm)	11.0"(279.4mm)	1900 lbs.	MBHG2432PL

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.



Locking Bale

Locking Bale Grips

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Part Number
0.22-0.32"(5.6-8.1mm)	12"(304.8mm)	3.5"(88.9mm)	650 lbs.	BSHG06
0.30-0.43"(7.6-10.9mm)	12"(304.8mm)	4.5"(114.3mm)	1100 lbs.	BSHG09
0.41-0.56"(10.4-14.2mm)	12"(304.8mm)	5.0"(127.0mm)	1100 lbs.	BSHG12
0.53-0.73"(13.5-18.5mm)	15"(381.0mm)	6.5"(165.1mm)	1100 lbs.	BSHG16
0.70-0.85"(17.8-21.6mm)	16"(406.4mm)	8.5"(215.9mm)	1900 lbs.	BSHG18
0.82-1.00"(20.8-25.4mm)	16"(406.4mm)	8.5"(215.9mm)	1900 lbs.	BSHG22
0.96-1.25"(24.4-31.8mm)	17"(431.8mm)	11.0"(279.4mm)	1900 lbs.	BSHG25

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.



Safety Spring

Bus-Drop Accessories

Description	Load (max.)	Part Number
Safety spring	40 lbs.	BS40
Safety spring	80 lbs.	BS80

Fiber Optics Support Grips

Product Description

Single Eye,
Closed Mesh & Split Rod



Features & Benefits

- Fiber optics support grip is universally applied and most common for fiber optic cable.
- Tinned-bronze wire mesh provides corrosion resistance.
- Top-mounted reinforced eye protector provides stable and longer-life support.
- Closed mesh provides permanent support when cable end is available.
- Split rod provides support for mid-cable placement.



Single Eye, Closed Mesh

Single Eye, Closed Mesh

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Part Number
0.18-0.25"(4.57-6.35mm)	3.0"(76.2mm)	1.7"(43.2mm)	300 lbs.	FOSG18
0.22-0.32"(5.59-8.13mm)	3.0"(76.2mm)	2.5"(63.5mm)	300 lbs.	FOSG22
0.30-0.39"(7.62-9.91mm)	4.0"(101.6mm)	2.5"(63.5mm)	300 lbs.	FOSG30
0.37-0.48"(9.40-12.19mm)	5.0"(127.0mm)	4.0"(101.6mm)	300 lbs.	FOSG37
0.46-0.58"(11.68-14.73mm)	6.0"(152.4mm)	4.0"(101.6mm)	400 lbs.	FOSG46
0.56-0.71"(14.22-18.03mm)	7.0"(177.8mm)	5.5"(139.7mm)	500 lbs.	FOSG56
0.69-0.88"(17.53-22.35mm)	8.0"(203.2mm)	6.0"(152.4mm)	800 lbs.	FOSG69

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.



Single Eye, Split Rod

Single Eye, Split Rod

Cable Diameter	Bale Length	Mesh Length	Approximate Break Strength*	Part Number
0.18-0.25"(4.57-6.35mm)	3.0"(76.2mm)	2.5"(63.5mm)	300 lbs.	FOSR18
0.23-0.32"(5.84-8.13mm)	3.0"(76.2mm)	2.5"(63.5mm)	300 lbs.	FOSR22
0.30-0.39"(7.62-9.91mm)	4.0"(101.6mm)	2.5"(63.5mm)	300 lbs.	FOSR30
0.37-0.48"(9.40-12.19mm)	5.0"(127.0mm)	4.0"(101.6mm)	300 lbs.	FOSR37
0.46-0.58"(11.68-14.73mm)	6.0"(152.4mm)	5.0"(127.0mm)	400 lbs.	FOSR46
0.56-0.71"(14.22-18.03mm)	7.0"(177.8mm)	5.5"(139.7mm)	500 lbs.	FOSR56
0.69-0.88"(17.53-22.35mm)	8.0"(203.2mm)	6.0"(152.4mm)	800 lbs.	FOSR69

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Conduit Riser Grips

Product Description

Single Weave, Closed Mesh



Features & Benefits

- Conduit Riser Support Grips are used to support cable runs in vertical or sloping standard rigid conduit.
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, not suitable for use with EMT.
- Ideal way to hold cable in vertical conduit , helps prevent cable pullouts.
- Grips install quickly and easily with no damage to electrical cable.
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible.



Single Weave, Closed Mesh

Single Weave, Closed Mesh

Conduit Sizes	Cable Sizes	0.50-0.62" (12.7-15.7mm)	0.63-0.74" (16.0-18.8mm)	0.75-0.99" (19.1-25.1mm)	1.00-1.24" (25.4-31.5mm)	1.25-1.49" (31.8-37.8mm)	1.50-1.74" (38.1-44.2mm)
	Length	8"(203.2mm)	9"(228.6mm)	11"(279.4mm)	12"(304.8mm)	12"(304.8mm)	14"(355.6mm)
	Approx. Break Strength*	530 lbs.	790 lbs.	1030 lbs.	1610 lbs.	1610 lbs.	1610 lbs.
3/4"		CR050R34	-	-	-	-	-
1"		CR050R1	CR062R1	-	-	-	-
1-1/4"		CR050R114	CR062R114	CR075R114	-	-	-
1-1/2"		CR050R112	CR062R112	CR075R112	CR100R112	-	-
2"		CR050R2	CR062R2	CR075R2	CR100R2	CR125R2	-
2-1/2"		CR050R212	CR062R212	CR075R212	CR100R212	CR125R212	CR150R212
3"		CR050R3	CR062R3	CR075R3	CR100R3	CR125R3	CR150R3
3-1/2"		-	-	CR075R312	CR100R312	CR125R312	CR150R312
4"		-	-	CR075R4	CR100R4	CR125R4	CR150R4
5"		-	-	-	-	CR125R5	CR150R5
6"		-	-	-	-	CR125R6	CR150R6
Conduit Sizes	Cable Sizes	1.75-1.99" (44.5-50.5mm)	2.00-2.49" (50.8-63.2mm)	2.50-2.99" (63.5-75.9mm)	3.00-3.49" (76.2-88.6mm)	3.50-3.99" (88.9-101.3mm)	
	Length	15"(381.0mm)	17"(431.8mm)	18"(457.2mm)	20"(508.0mm)	21"(533.4mm)	
	Approx. Break Strength*	2150 lbs.	3260 lbs.	3260 lbs.	4080 lbs.	4080 lbs.	
3/4"		-	-	-	-	-	
1"		-	-	-	-	-	
1-1/4"		-	-	-	-	-	
1-1/2"		-	-	-	-	-	
2"		-	-	-	-	-	
2-1/2"		CR175R212	-	-	-	-	
3"		CR175R3	CR200R3	-	-	-	
3-1/2"		CR175R312	CR200R312	CR250R312	-	-	
4"		CR175R4	CR200R4	CR250R4	CR300R4	-	
5"		CR175R5	CR200R5	CR250R5	CR300R5	CR350R5	
6"		CR175R6	CR200R6	CR250R6	CR300R6	CR350R6	

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Conduit Riser Grips

Product Description

Double Weave, Split Lace



Features & Benefits

- Conduit Riser Support Grips are used to support cable runs in vertical or sloping standard rigid conduit.
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, not suitable for use with EMT.
- Ideal way to hold cable in vertical conduit, helps prevent cable pullouts.
- Grips install quickly and easily with no damage to electrical cable.
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible.



Double Weave, Split Lace

Double Weave, Split Mesh, Lace Closing

Conduit Sizes	Cable Sizes	0.75-0.99" (19.1-25.1mm)	1.00-1.24" (25.4-31.5mm)	1.25-1.49" (31.8-37.8mm)	1.50-1.74" (38.1-44.2mm)	1.75-1.99" (44.5-50.5mm)
	Length	11"(279.4mm)	12"(304.8mm)	12"(304.8mm)	14"(355.6mm)	15"(381.0mm)
	Approx. Break Strength*	1030 lbs.	1610 lbs.	1610 lbs.	1610 lbs.	2150 lbs.
1-1/4"		CRD075L114	-	-	-	-
1-1/2"		CRD075L112	CRD100L112	-	-	-
2"		CRD075L2	CRD100L2	CRD125L2	-	-
2-1/2"		CRD075L212	CRD100L212	CRD125L212	CRD150L212	-
3"		CRD075L3	CRD100L3	CRD125L3	CRD150L3	CRD175L3
3-1/2"		CRD075L312	CRD100L312	CRD125L312	CRD150L312	CRD175L312
4"		CRD075L4	CRD100L4	CRD125L4	CRD150L4	CRD175L4
5"		-	-	CRD125L5	CRD150L5	CRD175L5
6"		-	-	CRD125L6	CRD150L6	CRD175L6
Conduit Sizes	Cable Sizes	2.00-2.49" (50.8-63.2mm)	2.50-2.99" (63.5-75.9mm)	3.00-3.49" (76.2-88.6mm)	3.50-3.99" (88.9-101.3mm)	
	Length	17"(431.8mm)	18"(457.2mm)	20"(508.0mm)	21"(533.4mm)	
	Approx. Break Strength*	3260 lbs.	3260	4080	4080	
3/4"		-	-	-	-	
1"		-	-	-	-	
1-1/4"		-	-	-	-	
1-1/2"		-	-	-	-	
2"		-	-	-	-	
2-1/2"		-	-	-	-	
3"		CRD200L3	-	-	-	
3-1/2"		CRD200L312	CRD250L312	-	-	
4"		CRD200L4	CRD250L4	CRD300L4	-	
5"		CRD200L5	CRD250L5	CRD300L5	CRD350L5	
6"		CRD200L6	CRD250L6	CRD300L6	CRD350L6	

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.

Conduit Riser Grips

Product Description

Single Weave, Split Rod



Features & Benefits

- Conduit Riser Support Grips are used to support cable runs in vertical or sloping standard rigid conduit.
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, not suitable for use with EMT.
- Ideal way to hold cable in vertical conduit, helps prevent cable pullouts.
- Grips install quickly and easily with no damage to electrical cable.
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible.

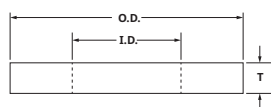


Single Weave, Split Rod

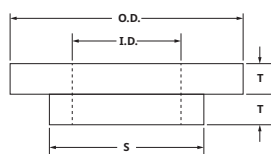
Single Weave, Split Mesh, Rod Closing

Conduit Sizes	Cable Sizes	0.75-0.99" (19.1-25.1mm)	1.00-1.24" (25.4-31.5mm)	1.25-1.49" (31.8-37.8mm)	1.50-1.74" (38.1-44.2mm)	1.75-1.99" (44.5-50.5mm)
	Length	11"(279.4mm)	12"(304.8mm)	12"(304.8mm)	14"(355.6mm)	15"(381.0mm)
	Approx. Break Strength*	1030 lbs.	1610 lbs.	1610 lbs.	1610 lbs.	2150 lbs.
1-1/4"		CRS075R114	-	-	-	-
1-1/2"		CRS075R112	CRS100R112	-	-	-
2"		CRS075R2	CRS100R2	CRS125R2	-	-
2-1/2"		CRS075R212	CRS100R212	CRS125R212	CRS150R212	-
3"		CRS075R3	CRS100R3	CRS125R3	CRS150R3	CRS175R3
3-1/2"		CRS075R312	CRS100R312	CRS125R312	CRS150R312	CRS175R312
4"		CRS075R4	CRS100R4	CRS125R4	CRS150R4	CRS175R4
Conduit Sizes	Cable Sizes	2.00-2.49" (50.8-63.2mm)	2.50-2.99" (63.5-75.9mm)	3.00-3.49" (76.2-88.6mm)	3.50-3.99" (88.9-101.3mm)	
	Length	17"(431.8mm)	18"(457.2mm)	20"(508.0mm)	21"(533.4mm)	
	Approx. Break Strength*	3260 lbs.	3260 lbs.	4080 lbs.	4080 lbs.	
1-1/4"		-	-	-	-	
1-1/2"		-	-	-	-	
2"		-	-	-	-	
2-1/2"		-	-	-	-	
3"		CRS200R3	-	-	-	
3-1/2"		CRS200R312	CRS250R312	-	-	
4"		CRS200R4	CRS250R4	CRS300R4	-	

To determine Workload Safety Factor, divide Approximate Break Strength by 10. See technical section for break strength on page 38.



Conduit Size 3/4" and 1"



Conduit Size 1/4" to 6"

Conduit Ring Dimension

Conduit Sizes	Ring Number	O.D.	I.D.	S	T
3/4"	C-3/4	0.94"(2.39cm)	0.62"(1.57cm)	-	0.19"(0.48cm)
1"	C-1	1.17"(2.97cm)	0.80"(2.03cm)	-	0.19"(0.48cm)
1-1/4"	C-1-1/4	1.50"(3.81cm)	1.03"(2.62cm)	1.31"(3.33cm)	0.16"(0.41cm)
1-1/2"	C-1-1/2	1.76"(4.47cm)	1.23"(3.12cm)	1.52"(3.86cm)	0.16"(0.41cm)
2"	C-2	2.23"(5.66cm)	1.55"(3.94cm)	1.97"(5.00cm)	0.16"(0.41cm)
2-1/2"	C-2-1/2	2.67"(6.78cm)	2.05"(5.21cm)	2.40"(6.10cm)	0.16"(0.41cm)
3"	C-3	3.20"(8.13cm)	2.55"(6.48cm)	2.97"(7.54cm)	0.22"(0.56cm)
3-1/2"	C-3-1/2	3.80"(9.65cm)	3.05"(7.75cm)	3.47"(8.81cm)	0.22"(0.56cm)
4"	C-4	4.30"(10.92cm)	3.55"(9.02cm)	3.94"(10.01cm)	0.22"(0.56cm)
4-1/2"	C-4-1/2	4.80"(12.19cm)	4.03"(10.24cm)	4.45"(11.30cm)	0.22"(0.56cm)
5"	C-5	5.30"(13.46cm)	4.46"(11.33cm)	4.96"(12.60cm)	0.22"(0.56cm)
6"	C-6	6.30"(16.00cm)	5.36"(13.61cm)	5.96"(15.14cm)	0.25"(0.63cm)

Flexible Eye Pulling Grips

Product Description

Junior Pulling Grips & Kit



Features & Benefits

- Flexible eye works in both generous and tight spaces.
- Galvanized steel mesh offers superior strength.
- Shoulder protectors center the grip within a raceway and provide abrasion resistance.
- Universally applied for single cable or wire bundles.
- Available as tool kit with all sizes below.



Junior Pulling Grips



Junior Pulling Grip Kit

Junior Pulling Grips

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.25-0.36"(6.4-9.1mm)	5"(127.0mm)	1700 lbs.	FOPG0609
0.37-0.49"(9.4-12.4mm)	7"(177.8mm)	1700 lbs.	FOPG0912
0.50-0.61"(12.7-15.5mm)	8"(203.2mm)	1700 lbs.	FOPG1215
0.62-0.74"(15.7-19.0mm)	10"(254.0mm)	2800 lbs.	FOPG1519
0.75-0.99"(19.1-25.1mm)	10"(254.0mm)	4100 lbs.	FOPG1925
1.00-1.25"(25.4-31.8mm)	12"(304.8mm)	4100 lbs.	FOPG2532

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Junior Pulling Grip Kit

Description	Part Number
Kit Contains 1 each of the following: FOPG0609, FOPG0912, FOPG1215, FOPG1519, FOPG1925, FOPG2532	FOPGKIT



Junior Pulling Grips



Junior Pulling Grip Kit

Junior Pulling Grips

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.25-0.36"(6.4-9.1mm)	5"(127.0mm)	450 lbs.	JPG0609
0.37-0.49"(9.4-12.4mm)	7"(177.8mm)	900 lbs.	JPG0912
0.50-0.61"(12.7-15.5mm)	8"(203.2mm)	1300 lbs.	JPG1215
0.62-0.74"(15.7-19.0mm)	10"(254.0mm)	1950 lbs.	JPG1519
0.75-0.99"(19.1-25.1mm)	10"(254.0mm)	2800 lbs.	JPG1925
1.00-1.25"(25.4-31.8mm)	12"(304.8mm)	3900 lbs.	JPG2532

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Junior Pulling Grip Kit

Description	Part Number
Kit Contains 1 each of the following: JPG0609, JPG0912, JPG1215, JPG1519, JPG1925, JPG2532	JPGKIT

Flexible Eye Pulling Grips

Product Description

Light Duty, Flexible Eye, with Shoulder & without Shoulder



Features & Benefits

- Flexible eye works in both generous and tight spaces.
- Galvanized steel mesh offers superior strength.
- Shoulder protectors center the grip within a raceway and provide abrasion resistance.
- Universally applied for single cable or wire bundles in commercial, industrial and underground applications.



Light Duty with Shoulder,
Short Length

Light Duty with Shoulder, Short Length

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.50-0.61"(12.7-15.5mm)	11"(279.4mm)	2800 lbs.	DSC1215-S
0.62-0.74"(15.7-18.8mm)	11"(279.4mm)	2800 lbs.	DSC1519-S
0.75-0.99"(19.1-25.1mm)	13"(330.2mm)	4000 lbs.	DSC1925-S
1.00-1.24"(25.4-31.5mm)	14"(355.6mm)	5300 lbs.	DSC2532-S
1.25-1.49"(31.8-37.8mm)	15"(381.0mm)	5300 lbs.	DSC3238-S
1.50-1.74"(38.1-44.2mm)	16"(406.4mm)	6800 lbs.	DSC3844-S
1.75-1.99"(44.5-50.5mm)	18"(457.2mm)	8500 lbs.	DSC4450-S
2.00-2.49"(50.8-63.2mm)	19"(482.6mm)	8500 lbs.	DSC5063-S
2.50-2.99"(63.5-75.9mm)	19"(482.6mm)	10600 lbs.	DSC6375-S

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Light Duty with Shoulder,
Standard Length

Light Duty with Shoulder, Standard Length

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.50-0.61"(12.7-15.5mm)	16"(406.4mm)	2800 lbs.	DSC1215
0.62-0.74"(15.7-18.8mm)	16"(406.4mm)	2800 lbs.	DSC1519
0.75-0.99"(19.1-25.1mm)	20"(508.0mm)	4000 lbs.	DSC1925
1.00-1.24"(25.4-31.5mm)	20"(508.0mm)	6800 lbs.	DSC2532
1.25-1.49"(31.8-37.8mm)	22"(558.8mm)	6800 lbs.	DSC3238
1.50-1.99"(38.1-50.5mm)	25"(635.0mm)	6800 lbs.	DSC3850
2.00-2.49"(50.8-63.2mm)	26"(660.4mm)	8500 lbs.	DSC5063
2.50-2.99"(63.5-75.9mm)	28"(711.2mm)	8500 lbs.	DSC6375
3.00-3.49"(76.2-88.6mm)	30"(762.0mm)	10600 lbs.	DSC7688
3.50-3.99"(88.9-101.3mm)	32"(812.8mm)	14700 lbs.	DSC8899

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Light Duty without Shoulder

Light Duty without Shoulder

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.25-0.36"(6.4-9.1mm)	9"(228.6mm)	500lbs.	TBCG0609
0.37-0.49"(9.4-12.4mm)	9"(228.6mm)	900lbs.	TBCG0912
0.50-0.61"(12.7-15.5mm)	11"(279.4mm)	2800 lbs.	TBCG1215
0.62-0.74"(15.7-18.8mm)	11"(279.4mm)	2800 lbs.	TBCG1519
0.75-0.99"(19.1-25.1mm)	13"(330.2mm)	4000 lbs.	TBCG1925
1.00-1.24"(25.4-31.5mm)	14"(355.6mm)	5300 lbs.	TBCG2532
1.25-1.49"(31.8-37.8mm)	15"(381.0mm)	5300 lbs.	TBCG3238
1.50-1.74"(38.1-44.2mm)	16"(406.4mm)	6800 lbs.	TBCG3844
1.75-1.99"(44.5-50.5mm)	18"(457.2mm)	8500 lbs.	TBCG4450
2.00-2.49"(50.8-63.2mm)	19"(482.6mm)	8500 lbs.	TBCG5063
2.50-2.99"(63.5-75.9mm)	19"(482.6mm)	10600 lbs.	TBCG6375

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Flexible Eye Pulling Grips

Product Description

Heavy Duty, Flexible Eye, with Shoulder & without Shoulder



Features & Benefits

- Flexible eye works in both generous and tight spaces.
- Galvanized steel mesh offers superior strength.
- Shoulder protectors center the grip within a raceway and provide abrasion resistance.
- Wide application for medium- to heavy-duty applications, higher incoming service lines.



Heavy Duty with Shoulder, Short Length

Heavy Duty with Shoulder, Short Length

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.50-0.61"(12.7-15.5mm)	21"(533.4mm)	4500 lbs.	HDCS1215-S
0.62-0.74"(15.7-18.8mm)	24"(609.6mm)	5600 lbs.	HDCS1519-S
0.75-0.99"(19.1-25.1mm)	24"(609.6mm)	6800 lbs.	HDCS1925-S
1.00-1.49"(25.4-37.8mm)	24"(609.6mm)	9600 lbs.	HDCS2538-S
1.50-1.99"(38.1-50.5mm)	24"(609.6mm)	16400 lbs.	HDCS3850-S
2.00-2.49"(50.8-63.2mm)	24"(609.6mm)	18500 lbs.	HDCS5063-S
2.50-2.99"(63.5-75.9mm)	24"(609.6mm)	24500 lbs.	HDCS6375-S
3.00-3.49"(76.2-88.6mm)	24"(609.6mm)	24500 lbs.	HDCS7688-S
3.50-3.99"(88.9-101.3mm)	26"(660.4mm)	31000 lbs.	HDCS89101-S

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Heavy Duty with Shoulder, Standard length

Heavy Duty with Shoulder, Standard length

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.75-0.99"(19.1-25.1mm)	36"(914.4mm)	6800 lbs.	HDCS1925
1.00-1.49"(25.4-37.8mm)	36"(914.4mm)	9600 lbs.	HDCS2538
1.50-1.99"(38.1-50.5mm)	36"(914.4mm)	16400 lbs.	HDCS3850
2.00-2.49"(50.8-63.2mm)	36"(914.4mm)	18500 lbs.	HDCS5063
2.50-2.99"(63.5-75.9mm)	36"(914.4mm)	24500 lbs.	HDCS6375
3.00-3.49"(76.2-88.6mm)	36"(914.4mm)	24500 lbs.	HDCS7688
3.50-3.99"(88.9-101.3mm)	40"(1016.0mm)	31000 lbs.	HDCS89101

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Heavy duty without Shoulder

Heavy duty without Shoulder

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.25-0.36"(6.4-9.1mm)	12"(304.8mm)	1680lbs.	CS0609
0.37-0.49"(9.4-12.4mm)	12"(304.8mm)	1680lbs.	CS0912
0.50-0.61"(12.7-15.5mm)	21"(533.4mm)	4500 lbs.	CS1215
0.62-0.74"(15.7-18.8mm)	24"(609.6mm)	5600 lbs.	CS1519
0.75-0.99"(19.1-25.1mm)	24"(609.6mm)	6800 lbs.	CS1925
1.00-1.49"(25.4-37.8mm)	24"(609.6mm)	8500 lbs.	CS2538
1.50-1.99"(38.1-50.5mm)	32"(812.8mm)	12000 lbs.	CS3850
2.00-2.49"(50.8-63.2mm)	36"(914.4mm)	12000 lbs.	CS5063
2.50-2.99"(63.5-75.9mm)	40"(1016.0mm)	18500 lbs.	CS6376
3.00-3.49"(76.2-88.6mm)	40"(1016.0mm)	18500 lbs.	CS7688
3.50-3.99"(88.9-101.3mm)	40"(1016.0mm)	24500 lbs.	CS89101
4.00-5.00"(101.3-127.0mm)	45"(1143.0mm)	24501 lbs.	CS101127

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Flexible Eye Pulling Grips

Product Description

Multi-Weave, Flexible Eye  

Features & Benefits

- Multi-weave pulling grips are constructed of high strength galvanized steel and are designed for pulling aluminum or copper bare conductor, wire rope and insulated cables.
- Multi-weave pulling grips are available with a flexible or rotating eye, which can be attached to a swivel.
- These grips are used in applications such as distribution line stringing and overhead transmission.



Multi-Weave


Multi-Weave, Flexible Eye

Cable Diameter	Eye Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.25-0.49"(6.4-12.5mm)	1/4"(6.4mm)	26"(660.4mm)	6800 lbs.	FMCS010
0.50-0.74"(12.7-18.8mm)	5/16"(7.9mm)	32"(812.8mm)	10000 lbs.	FMCS016
0.75-0.99"(19.1-25.1mm)	3/8"(9.5mm)	41"(1041.4mm)	14400 lbs.	FMCS022
1.00-1.24"(25.4-31.8mm)	1/2"(12.7mm)	52"(1320.8mm)	24600 lbs.	FMCS025
1.25-1.49"(31.8-37.8mm)	1/2"(12.7mm)	56"(1422.4mm)	30600 lbs.	FMCS032
1.50-1.74"(38.1-44.2mm)	1/2"(12.7mm)	60"(1524.0mm)	30600 lbs.	FMCS038
2.00-2.49"(50.8-63.3mm)	5/8"(15.9mm)	50"(1270.0mm)	48000 lbs.	FMCS050
2.50-2.99"(63.5-76.0mm)	5/8"(15.9mm)	52"(1320.8mm)	48000 lbs.	FMCS060
3.00-3.49"(76.2-88.6mm)	5/8"(15.9mm)	54"(1371.6mm)	48000 lbs.	FMCS070
3.50-3.99"(88.9-101.3mm)	5/8"(15.9mm)	56"(1422.4mm)	48000 lbs.	FMCS080

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Kevlar Pulling Grips

Product Description

Kevlar, Single Eye, Double Weave  

Features & Benefits

- Kevlar grips made of a high strength, non-conductive aramid fiber, are available for pulling single cable or cable bundles.
- Pellethane jacketed aramid fiber mesh resists abrasion.
- Grips are corrosion resistant.



Kevlar Pulling Grips

Kevlar Pulling Grips

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.50-0.61"(12.7-15.5mm)	24"(609.6mm)	1000 lbs.	KPG1215
0.62-0.74"(15.7-18.8mm)	26"(660.4mm)	2000 lbs.	KPG1518
0.75-0.99"(19.1-25.1mm)	31"(787.4mm)	3000 lbs.	KPG1925
1.00-1.49"(25.4-37.8mm)	41"(1041.4mm)	3800 lbs.	KPG2538
1.50-1.99"(38.1-50.5mm)	44"(1127.6mm)	5800 lbs.	KPG3850
2.00-2.49"(50.8-63.3mm)	52"(1320.8mm)	10000lbs.	KPG5063
2.50-2.99"(63.5-76.0mm)	54"(1371.6mm)	10000lbs.	KPG6376
3.00-3.49"(76.2-88.6mm)	56"(1422.4mm)	10000lbs.	KPG7688
3.50-3.99"(88.9-101.3mm)	60"(1524.0mm)	10000lbs.	KPG89101

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Slack Grips

Product Description

Closed Mesh, Split Lace & Split Rod



Features & Benefits

- Used in factory maintenance and construction, utility work and replacement of underground cable.
- Flexible offset eye allows for easy attachment to the pulling line.
- Medium Duty — Open mesh, split rod attached mid-cable to pull slack for final cable placement or remove cable.
- Heavy Duty — Full double weave mesh offers very high strength to pull slack for final cable placement or to remove cable, typically for underground cable.



Closed Mesh, Double Weave

Closed Mesh, Double Weave

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.75-0.99"(19.1-25.1mm)	13"(330.2mm)	3000 lbs.	OSG022
1.00-1.24"(25.4-31.5mm)	16"(406.4mm)	4200 lbs.	OSG025
1.25-1.49"(31.8-37.8mm)	17"(431.8mm)	5500 lbs.	OSG032
1.50-1.74"(38.1-44.2mm)	18"(457.2mm)	7400 lbs.	OSG038
1.75-1.99"(44.5-50.5mm)	19"(482.6mm)	11000 lbs.	OSG042
2.00-2.49"(50.8-63.3mm)	20"(508.0mm)	11000 lbs.	OSG050
2.50-2.99"(63.5-76.0mm)	21"(533.4mm)	11000 lbs.	OSG060
3.00-3.49"(76.2-88.6mm)	22"(558.8mm)	16000 lbs.	OSG075
3.50-3.99"(88.9-101.3mm)	23"(584.2mm)	16000 lbs.	OSG090

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Split Lace, Double Weave

Split Lace, Double Weave

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.75-0.99"(19.1-25.1mm)	13"(330.2mm)	3000 lbs.	LOSG022
1.00-1.24"(25.4-31.5mm)	16"(406.4mm)	4100 lbs.	LOSG025
1.25-1.49"(31.8-37.8mm)	17"(431.8mm)	4100 lbs.	LOSG032
1.50-1.74"(38.1-44.2mm)	18"(457.2mm)	5500 lbs.	LOSG038
1.75-1.99"(44.5-50.5mm)	19"(482.6mm)	7300 lbs.	LOSG042
2.00-2.49"(50.8-63.3mm)	20"(508.0mm)	7300 lbs.	LOSG050
2.50-2.99"(63.5-76.0mm)	21"(533.4mm)	7300 lbs.	LOSG060
3.00-3.49"(76.2-88.6mm)	22"(558.8mm)	9200 lbs.	LOSG075
3.50-3.99"(88.9-101.3mm)	23"(584.2mm)	11000 lbs.	LOSG090

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Split Rod, Single Weave

Split Rod, Single Weave

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.50-0.61"(12.7-15.5mm)	8"(203.2mm)	1500 lbs.	ROSG012
0.62-0.74"(15.7-18.8mm)	9"(228.6mm)	1800 lbs.	ROSG016
0.75-0.99"(19.1-25.1mm)	11"(279.4mm)	2200 lbs.	ROSG022
1.00-1.24"(25.4-31.5mm)	12"(304.8mm)	3400 lbs.	ROSG025
1.25-1.49"(31.8-37.8mm)	14"(355.6mm)	4500 lbs.	ROSG032
1.50-1.74"(38.1-44.2mm)	15"(381.0mm)	5500 lbs.	ROSG038
1.75-1.99"(44.5-50.5mm)	16"(406.4mm)	7300 lbs.	ROSG042
2.00-2.49"(50.8-63.3mm)	19"(482.6mm)	7300 lbs.	ROSG050
2.50-2.99"(63.5-76.0mm)	21"(533.4mm)	7300 lbs.	ROSG060
3.00-3.49"(76.2-88.6mm)	22"(558.8mm)	9200 lbs.	ROSG075
3.50-3.99"(88.9-101.3mm)	24"(609.6mm)	11000 lbs.	ROSG090

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Rotating Eye Pulling Grips

Product Description

Rotating Eye, Heavy Duty  

Features & Benefits

- Rotating eye can reduce rotational torque whenever pulling load is reduced.
- Galvanized steel mesh offers superior strength.
- Forged Steel rotating eye will not bind when used with sheaves and blocks.
- Shoulder protectors center the grip within a raceway and provide abrasion resistance.
- Wide length selection to meet the preference of the installer in short length K-type and standard length K-type.
- Wide application for underground cables, communication and service lines.



Heavy Duty, Short Length,
Rotating Eye, K-type

Heavy Duty, Short Length, Rotating Eye, K-type

Cable Diameter	Eye Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.50-0.61"(12.7-15.5mm)	7/8"(22.2mm)	11"(279.4mm)	5600 lbs.	RP012-S
0.62-0.74"(15.7-18.8mm)	7/8"(22.2mm)	11"(279.4mm)	6800 lbs.	RP016-S
0.75-0.99"(19.1-25.1mm)	1"(25.4mm)	20"(508.0mm)	9600 lbs.	RP022-S
1.00-1.24"(25.4-31.5mm)	1-3/8"(34.9mm)	20"(508.0mm)	16400 lbs.	RP025-S
1.25-1.49"(31.8-37.8mm)	1-3/8"(34.9mm)	21"(533.4mm)	16400 lbs.	RP032-S
1.50-1.99"(38.1-50.5mm)	1-5/8"(41.3mm)	25"(635.0mm)	27200 lbs.	RP038-S
2.00-2.49"(50.8-63.3mm)	1-7/8"(47.6mm)	26"(660.4mm)	33000 lbs.	RP050-S
2.50-2.99"(63.5-76.0mm)	1-7/8"(47.6mm)	28"(711.2mm)	41000 lbs.	RP060-S
3.00-3.49"(76.2-88.6mm)	1-7/8"(47.6mm)	30"(762.0mm)	48000 lbs.	RP075-S
3.50-3.99"(88.9-101.3mm)	1-7/8"(47.6mm)	32"(812.8mm)	48000 lbs.	RP090-S
4.00-4.49"(101.6-114.0mm)	1-7/8"(47.6mm)	33"(838.2mm)	48000 lbs.	RP101-S

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Heavy Duty, Standard Length,
Rotating Eye, K-type

Heavy Duty, Standard Length, Rotating Eye, K-type

Cable Diameter	Eye Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.50-0.61"(12.7-15.5mm)	7/8"(22.2mm)	16"(406.4mm)	5600 lbs.	RP012
0.62-0.74"(15.7-18.8mm)	7/8"(22.2mm)	16"(406.4mm)	6800 lbs.	RP016
0.75-0.99"(19.1-25.1mm)	1"(25.4mm)	32"(812.8mm)	9600 lbs.	RP022
1.00-1.24"(25.4-31.5mm)	1-3/8"(34.9mm)	33"(838.2mm)	16400 lbs.	RP025
1.25-1.49"(31.8-37.8mm)	1-3/8"(34.9mm)	34"(863.8mm)	16400 lbs.	RP032
1.50-1.99"(38.1-50.5mm)	1-5/8"(41.3mm)	36"(914.4mm)	27200 lbs.	RP038
2.00-2.49"(50.8-63.3mm)	1-7/8"(47.6mm)	38"(968.2mm)	33000 lbs.	RP050
2.50-2.99"(63.5-76.0mm)	1-7/8"(47.6mm)	39"(990.6mm)	41000 lbs.	RP060
3.00-3.49"(76.2-88.6mm)	1-7/8"(47.6mm)	41"(1041.4mm)	48000 lbs.	RP075
3.50-3.99"(88.9-101.3mm)	1-7/8"(47.6mm)	42"(1066.8mm)	48000 lbs.	RP090
4.00-4.49"(101.6-114.0mm)	1-7/8"(47.6mm)	58"(1473.2mm)	48000 lbs.	RP101

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Rotating Eye Pulling Grips

Product Description

Rotating Eye, Heavy Duty & Multi-Weave  

Features & Benefits

- Rotating eye can reduce rotational torque whenever pulling load is reduced.
- Galvanized steel mesh offers superior strength.
- Forged Steel rotating eye will not bind when used with sheaves and blocks.
- Shoulder protectors center the grip within a raceway and provide abrasion resistance.
- Wide length selection to meet the preference of the installer in short length K-type and standard length K-type.
- Wide application for underground cables, communication and service lines.



Multi-Weave, Rotating Eye

Multi-Weave, Rotating Eye

Cable Diameter	Eye Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.25-0.49"(6.4-12.5mm)	7/8"(22.2mm)	26"(660.4mm)	6800 lbs.	RMCS010
0.50-0.74"(12.7-18.8mm)	1"(25.4mm)	32"(812.8mm)	10000 lbs.	RMCS016
0.75-0.99"(19.1-25.1mm)	1"(25.4mm)	41"(1041.4mm)	14400 lbs.	RMCS022
1.00-1.24"(25.4-31.8mm)	1-3/8"(34.9mm)	52"(1320.8mm)	24600 lbs.	RMCS025
1.25-1.49"(31.8-37.8mm)	1-5/8"(41.3mm)	56"(1422.4mm)	30600 lbs.	RMCS032
1.50-1.74"(38.1-44.2mm)	1-7/8"(47.6mm)	60"(1524.0mm)	30600 lbs.	RMCS038
2.00-2.49"(50.8-63.3mm)	1-7/8"(47.6mm)	50"(1270.0mm)	48000 lbs.	RMCS050
2.50-2.99"(63.5-76.0mm)	1-7/8"(47.6mm)	52"(1320.8mm)	48000 lbs.	RMCS060
3.00-3.49"(76.2-88.6mm)	1-7/8"(47.6mm)	54"(1371.6mm)	48000 lbs.	RMCS070
3.50-3.99"(88.9-101.3mm)	1-7/8"(47.6mm)	56"(1422.4mm)	48000 lbs.	RMCS080

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Product Description

Rotating Connector Grips  

Features & Benefits

- Rotating Swivel Link Grips are perfect for stringing replacement wireand cable on equipment and in drilling or rigging systems.
- Galvanized steel mesh offers superior strength for secure pulling.
- Flexible to pass through sheaves and blocks.



Rotating Connector Grips

Rotating Connector Grips

Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.25-0.49"(6.4-12.4mm)	29.7"(754.4mm)	4400 lbs.	RCP006
0.50-0.99"(12.7-25.1mm)	40.0"(1015.0mm)	7400 lbs.	RCP012
1.00-1.49"(25.4-37.8mm)	35.2"(894.1mm)	10000 lbs.	RCP025
1.50-1.99"(38.1-50.5mm)	36.0"(914.4mm)	12000 lbs.	RCP038
2.00-2.49"(50.8-63.3mm)	37.0"(939.8mm)	16000 lbs.	RCP050
2.50-2.99"(63.5-76.0mm)	42.0"(1066.8mm)	16000 lbs.	RCP060
3.00-3.49"(76.2-88.6mm)	47.0"(1193.8mm)	20000 lbs.	RCP075
3.50-3.99"(88.9-101.3mm)	50.0"(1270.0mm)	20000 lbs.	RCP090

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Whipsocks

Product Description

Whipsocks  

Features & Benefits

- High-pressure hose safety restraint device, reliably stops the unpredictable and potentially hazardous movement of a high-pressure hose.
- Suited for applications where the media being transferred is under higher working pressures such as air, water, hydraulic, and slurry.
- Prevent injuries or accidents resulting from hose or coupling failure.
- The main materials of wire mesh are stainless steel or galvanized steel.



Whipsocks

Whipsocks			
Cable Diameter	Mesh Length	Approximate Break Strength*	Part Number
0.315-0.551"(8-14mm)	15.75"(400mm)	2800 lbs.	WS0814
0.551-0.787"(14-20mm)	21.65"(550mm)	4200 lbs.	WS1420
0.787-1.181"(20-30mm)	25.20"(640mm)	6200 lbs.	WS2030
1.181-1.575"(30-40mm)	34.25"(870mm)	12220 lbs.	WS3040
1.575-1.969"(40-50mm)	38.19"(970mm)	12220 lbs.	WS4050
1.969-2.362"(50-60mm)	49.21"(1250mm)	17000 lbs.	WS5060
2.362-2.756"(60-70mm)	51.18"(1300mm)	17000 lbs.	WS6070
2.756-3.346"(70-85mm)	53.15"(1350mm)	17000 lbs.	WS7085
3.346-3.937"(85-100mm)	72.44"(1840mm)	26000 lbs.	WS003
3.937-4.724"(100-120mm)	72.05"(1830mm)	26000 lbs.	WS312
4.724-5.512"(120-140mm)	86.61"(2200mm)	30000 lbs.	WS004
5.512-7.087"(140-180mm)	93.31"(2370mm)	30000 lbs.	WS006

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Whipchecks

Product Description

Whipchecks

Hose to Hose & Hose to Tool



Features & Benefits

- Whipchecks are commonly used on hose for air, water blast, drilling, steam, concrete, sandblast or other high pressure applications.
- Prevent injuries or accidents resulting from hose or coupling failure.
- Whipchecks should be installed in the fully extended position (no slack) for proper safety assurance.
- Hose to hose restraints is slipped over the hose on each side of the fitting and prevent hose whip in the event of fitting separation or failure.
- The main materials of wire mesh are stainless steel or galvanized steel.



Hose to Hose

Hose to Hose

Hose Diameter	Cable Diameter	Length	Part Number
1/2 - 1-1/4"	1/8" (3.2mm)	20-1/4" (514.3mm)	HHB1
1/2 - 1-1/4"	1/8" (3.2mm)	20-1/4" (514.3mm)	HHB1SS
1/2 - 2"	3/16" (4.7mm)	28" (711.2mm)	HHB3
1-1/2 - 3"	1/4" (6.3mm)	38" (965.2mm)	HHA2
1-1/2 - 3"	1/4" (6.3mm)	38" (965.2mm)	HHA2SS
4 - 6"	3/8" (9.5mm)	44" (1117.6mm)	HHA4

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.



Hose to Tool

Hose to Tool

Hose Diameter	Cable Diameter	Length	Part Number
1/2 - 1-1/4"	1/8" (3.2mm)	20-1/4" (514.3mm)	HTSR1
1/2 - 1-1/4"	1/8" (3.2mm)	20-1/4" (514.3mm)	HTSR1SS
1/2 - 2"	3/16" (4.7mm)	28" (711.2mm)	HTSR3
1-1/2 - 3"	1/4" (6.3mm)	38" (965.2mm)	HTSR2
1-1/2 - 3"	1/4" (6.3mm)	38" (965.2mm)	HTSR2SS
4 - 6"	3/8" (9.5mm)	44" (1117.6mm)	HTSR4

To determine Workload Safety Factor, divide Approximate Break Strength by 5. See technical section for break strength on page 38.

Dust Tight Grips

Product Description

Wide Range, Straight Male NPT



Features & Benefits

- Wide diameter range and general purpose character accommodate many applications including electrical boxes and enclosures, machine tools and bus drops.
- Provides secure cable termination and helps prevent cable pullout.
- Absorbs longitudinal stresses placed on the point of termination caused by pulling or bending the cable.
- Insulated throat provides conductor protection upon flexing and wire entry/exit.



Dust Tight Grips

Dust Tight Grips

Cable Diameter	NPT Fitting Size	Mesh Length	Part Number
0.22-0.32" (5.6-8.1mm)	1/2	4" (101.6mm)	DTG1201
0.30-0.43" (7.6-10.9mm)	1/2	4.5" (114.3mm)	DTG1202
0.40-0.54" (10.1-13.7mm)	1/2	5.5" (139.7mm)	DTG1203
0.52-0.73" (13.2-18.5mm)	3/4	6.5" (165.1mm)	DTG3401
0.70-0.97" (17.8-24.6mm)	1	7" (177.80mm)	DTG101
0.94-1.25" (23.8-31.8mm)	1-1/4	9" (228.60mm)	DTG11401
1.20-1.50" (30.5-38.1mm)	1-1/2	11.75" (298.45mm)	DTG11201
1.40-1.75" (35.6-44.5mm)	2	13.25" (336.55mm)	DTG201
1.62-2.00" (41.1-50.8mm)	2-1/2	13.5" (342.90mm)	DTG21201
2.00-2.45" (50.8-62.2mm)	2-1/2	15" (381mm)	DTG21202

Deluxe Cord Grips

Product Description

3/8", 1/2", 3/4", 1" & 1-1/4" NPT



Features & Benefits

- Strain relief grips are used to connect cable to enclosures and industrial equipment, helps prevent cable or conduit pull-out at the point of termination due to tension.
- Helps eliminate direct tension from terminals removing strain from critical electrical connection.
- For indoor and outdoor where cables or wires are exposed to moisture or are frequently washed.



Deluxe cord grips
straight male connector



Deluxe cord grips
90° male connector



Deluxe cord grips
45° male connector



Deluxe cord grips
straight female connector

Deluxe Cord Grips

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
3/8"	0.187-0.250"(4.75-6.35mm)	DCG304	DCG9304	-	-
3/8"	0.250-0.312"(6.35-7.92mm)	DCG305	DCG9305	-	-
3/8"	0.312-0.375"(7.92-9.53mm)	DCG306	DCG9306	-	-
3/8"	0.375-0.437"(9.53-11.1mm)	DCG307	DCG9307	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
1/2"	0.187-0.250"(4.75-6.35mm)	DCG404	DCG9404	DCG45404	DCGF404
1/2"	0.250-0.375"(6.35-9.53mm)	DCG406	DCG9406	DCG45406	DCGF406
1/2"	0.375-0.500"(9.53-12.70mm)	DCG408	DCG9408	DCG45408	DCGF408
1/2"	0.500-0.625"(12.70-15.88mm)	DCG410	DCG9410	DCG45410	DCGF410
1/2"	0.625-0.750"(15.88-19.05mm)	DCG412	-	-	-
1/2"	0.750-0.875"(19.05-22.23mm)	DCG414	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
3/4"	0.187-0.250"(4.75-6.35mm)	DCG604	-	DCG45604	-
3/4"	0.250-0.375"(6.35-9.53mm)	DCG606	DCG9606	DCG45606	DCGF606
3/4"	0.375-0.500"(9.53-12.70mm)	DCG608	DCG9608	DCG45608	DCGF608
3/4"	0.500-0.625"(12.7-15.88mm)	DCG610	DCG9610	DCG45610	DCGF610
3/4"	0.625-0.750"(15.88-19.05mm)	DCG612	DCG9612	DCG45612	DCGF612
3/4"	0.750-0.875"(19.05-22.23mm)	DCG614	-	-	-

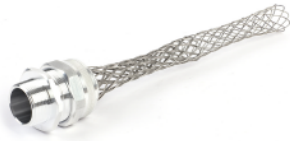
NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
1"	0.375-0.500"(9.53-12.70mm)	DCG808	DCG9808	DCG45808	DCGF808
1"	0.500-0.625"(12.7-15.88mm)	DCG810	DCG9810	DCG45810	DCGF810
1"	0.625-0.750"(15.88-19.05mm)	DCG812	DCG9812	DCG45812	DCGF812
1"	0.750-0.875"(19.05-22.23mm)	DCG814	DCG9814	DCG45814	DCGF814
1"	0.875-1.00"(22.23-25.4mm)	DCG816	DCG9816	DCG45816	DCGF816
1"	1.00-1.125"(25.4-28.58mm)	DCG818	-	-	-
1"	1.125-1.250"(28.58-31.75mm)	DCG820	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
1-1/4"	0.750-0.875"(19.05-22.23mm)	DCG1014	DCG91014	DCG451014	-
1-1/4"	0.875-1.00"(22.23-25.4mm)	DCG1016	DCG91016	DCG451016	-
1-1/4"	1.00-1.125"(25.4-28.58mm)	DCG1018	DCG91018	DCG451018	-
1-1/4"	1.125-1.250"(28.58-31.75mm)	DCG1020	DCG91020	DCG451020	-
1-1/4"	1.250-1.375"(31.75-34.9mm)	DCG1022	DCG91022	DCG451022	-

Deluxe Cord Grips

Product Description

1-1/2", 2", 2-1/2" & 3" NPT



Deluxe cord grips
straight male connector



Deluxe cord grips
90° male connector



Deluxe cord grips
45° male connector



Deluxe cord grips
straight female connector

Deluxe Cord Grips

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
1-1/2"	0.750-0.875"(19.05-22.23mm)	DCG1214	DCG91214	-	-
1-1/2"	0.875-1.00"(22.23-25.4mm)	DCG1216	DCG91216	-	-
1-1/2"	1.00-1.125"(25.4-28.58mm)	DCG1218	DCG91218	-	-
1-1/2"	1.125-1.250"(28.58-31.75mm)	DCG1220	DCG91220	-	-
1-1/2"	1.25-1.375"(31.75-34.9mm)	DCG1222	DCG91222	-	-
1-1/2"	1.312-1.437"(33.32-36.50mm)	DCG1223	-	-	-
1-1/2"	1.437-1.562"(36.50-39.67mm)	DCG1225	-	-	-
1-1/2"	1.562-1.687"(39.67-42.85mm)	DCG1227	-	-	-
1-1/2"	1.687-1.812"(42.85-46.02mm)	DCG1229	-	-	-
1-1/2"	1.750-1.875"(44.45-47.63mm)	DCG1230	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
2"	1.25-1.375"(31.75-34.9mm)	DCG1622	DCG91622	-	-
2"	1.312-1.437"(33.32-36.50mm)	DCG1623	DCG91623	-	-
2"	1.437-1.562"(36.50-39.67mm)	DCG1625	DCG91625	-	-
2"	1.562-1.687"(39.67-42.85mm)	DCG1627	DCG91627	-	-
2"	1.687-1.812"(42.85-46.02mm)	DCG1629	DCG91629	-	-
2"	1.750-1.875"(44.45-47.63mm)	DCG1630	DCG91630	-	-
2"	1.812-1.937"(46.02-49.20mm)	DCG1631	-	-	-
2"	1.937-2.062"(49.20-52.37mm)	DCG1633	-	-	-
2"	2.062-2.187"(52.37-55.55mm)	DCG1635	-	-	-
2"	2.187-2.312"(55.55-58.72mm)	DCG1637	-	-	-
2"	2.312-2.437"(58.72-61.90mm)	DCG1639	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
2-1/2"	1.687-1.812"(42.85-46.02mm)	DCG2029	-	-	-
2-1/2"	1.812-1.937"(46.02-49.20mm)	DCG2031	-	-	-
2-1/2"	1.937-2.062"(49.20-52.37mm)	DCG2033	-	-	-
2-1/2"	2.062-2.187"(52.37-55.55mm)	DCG2035	-	-	-
2-1/2"	2.187-2.312"(55.55-58.72mm)	DCG2037	-	-	-
2-1/2"	2.312-2.437"(58.72-61.90mm)	DCG2039	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
3"	1.687-1.812"(42.85-46.02mm)	DCG2429	-	-	-
3"	1.812-1.937"(46.02-49.20mm)	DCG2431	-	-	-
3"	1.937-2.062"(49.20-52.37mm)	DCG2433	-	-	-
3"	2.062-2.187"(52.37-55.55mm)	DCG2435	-	-	-
3"	2.187-2.312"(55.55-58.72mm)	DCG2437	-	-	-
3"	2.312-2.437"(58.72-61.90mm)	DCG2439	-	-	-
3"	2.437-2.625"(61.90-66.68mm)	DCG2442	-	-	-
3"	2.625-2.812"(66.68-71.42mm)	DCG2445	-	-	-
3"	2.812-3.00"(71.42-76.20mm)	DCG2448	-	-	-
3"	3.000-3.250"(76.2-82.55mm)	DCG2452	-	-	-

Deluxe Cord Grips

Product Description

PG11, PG13.5, PG16, PG21, PG29



Features & Benefits

- Strain relief grips are used to connect cable to enclosures and industrial equipment. helps prevent cable or conduit pull-out at the point of termination due to tension.
- Helps eliminate direct tension from terminals removing strain from critical electrical connection.
- For indoor and outdoor where cables or wires are exposed to moisture or are frequently washed.



Deluxe cord grips
straight male connector

Deluxe Cord Grips

PG Thread Size	Cable Diameter	Straight Male No.
PG11	0.187-0.250"(4.75-6.35mm)	DCG-PG11-404
PG11	0.250-0.375"(6.35-9.53mm)	DCG-PG11-406
PG11	0.375-0.500"(9.53-12.70mm)	DCG-PG11-408
PG11	0.500-0.625"(12.70-15.88mm)	DCG-PG11-410

PG Thread Size	Cable Diameter	Straight Male No.
PG13.5	0.187-0.250"(4.75-6.35mm)	DCG-PG13-404
PG13.5	0.250-0.375"(6.35-9.53mm)	DCG-PG13-406
PG13.5	0.375-0.500"(9.53-12.70mm)	DCG-PG13-408
PG13.5	0.500-0.625"(12.70-15.88mm)	DCG-PG13-410

PG Thread Size	Cable Diameter	Straight Male No.
PG16	0.250-0.375"(6.35-9.53mm)	DCG-PG16-606
PG16	0.375-0.500"(9.53-12.70mm)	DCG-PG16-608
PG16	0.500-0.625"(12.7-15.88mm)	DCG-PG16-610
PG16	0.625-0.750"(15.88-19.05mm)	DCG-PG16-612

PG Thread Size	Cable Diameter	Straight Male No.
PG21	0.375-0.500"(9.53-12.70mm)	DCG-PG21-808
PG21	0.500-0.625"(12.7-15.88mm)	DCG-PG21-810
PG21	0.625-0.750"(15.88-19.05mm)	DCG-PG21-812
PG21	0.750-0.875"(19.05-22.23mm)	DCG-PG21-814
PG21	0.875-1.00"(22.23-25.4mm)	DCG-PG21-816

PG Thread Size	Cable Diameter	Straight Male No.
PG29	0.375-0.500"(9.53-12.70mm)	DCG-PG29-808
PG29	0.500-0.625"(12.7-15.88mm)	DCG-PG29-810
PG29	0.625-0.750"(15.88-19.05mm)	DCG-PG29-812
PG29	0.750-0.875"(19.05-22.23mm)	DCG-PG29-814
PG29	0.875-1.00"(22.23-25.4mm)	DCG-PG29-816
PG29	1.00-1.125"(25.4-28.58mm)	DCG-PG29-1018
PG29	1.125-1.250"(28.58-31.75mm)	DCG-PG29-1020
PG29	1.250-1.375"(31.75-34.9mm)	DCG-PG29-1022

Deluxe Cord Grips

Product Description

PG36, PG42, PG48



Features & Benefits

- Strain relief grips are used to connect cable to enclosures and industrial equipment. helps prevent cable or conduit pull-out at the point of termination due to tension.
- Helps eliminate direct tension from terminals removing strain from critical electrical connection.
- For indoor and outdoor where cables or wires are exposed to moisture or are frequently washed.



Deluxe cord grips
straight male connector

Deluxe Cord Grips

PG Thread Size	Cable Diameter	Straight Male No.
PG36	0.750-0.875"(19.05-22.23mm)	DCG-PG36-1014
PG36	0.875-1.00"(22.23-25.4mm)	DCG-PG36-1016
PG36	1.00-1.125"(25.4-28.58mm)	DCG-PG36-1018
PG36	1.125-1.250"(28.58-31.75mm)	DCG-PG36-1020
PG36	1.250-1.375"(31.75-34.9mm)	DCG-PG36-1022

PG Thread Size	Cable Diameter	Straight Male No.
PG42	1.25-1.375"(31.75-34.9mm)	DCG-PG42-1622
PG42	1.312-1.437"(33.32-36.50mm)	DCG-PG42-1623
PG42	1.437-1.562"(36.50-39.67mm)	DCG-PG42-1625
PG42	1.562-1.687"(39.67-42.85mm)	DCG-PG42-1627
PG42	1.687-1.812"(42.85-46.02mm)	DCG-PG42-1629

PG Thread Size	Cable Diameter	Straight Male No.
PG48	1.687-1.812"(42.85-46.02mm)	DCG-PG48-1629
PG48	1.812-1.937"(46.02-49.20mm)	DCG-PG48-1631
PG48	1.937-2.062"(49.20-52.37mm)	DCG-PG48-1633
PG48	2.062-2.187"(52.37-55.55mm)	DCG-PG48-1635
PG48	2.187-2.312"(55.55-58.72mm)	DCG-PG48-1637
PG48	2.312-2.437"(58.72-61.90mm)	DCG-PG48-1639

Deluxe Cord Grips

Product Description

M16, M20, M25, M30, M32



Features & Benefits

- Strain relief grips are used to connect cable to enclosures and industrial equipment. helps prevent cable or conduit pull-out at the point of termination due to tension.
- Helps eliminate direct tension from terminals removing strain from critical electrical connection.
- For indoor and outdoor where cables or wires are exposed to moisture or are frequently washed.



Deluxe cord grips
straight male connector

Deluxe Cord Grips

M Thread Size	Cable Diameter	Straight Male No.
M16	0.187-0.250"(4.75-6.35mm)	DCG-M16-404
M16	0.250-0.375"(6.35-9.53mm)	DCG-M16-406
M16	0.375-0.500"(9.53-12.70mm)	DCG-M16-408
M16	0.500-0.625"(12.70-15.88mm)	DCG-M16-410

M Thread Size	Cable Diameter	Straight Male No.
M20	0.187-0.250"(4.75-6.35mm)	DCG-M20-404
M20	0.250-0.375"(6.35-9.53mm)	DCG-M20-406
M20	0.375-0.500"(9.53-12.70mm)	DCG-M20-408
M20	0.500-0.625"(12.70-15.88mm)	DCG-M20-410

M Thread Size	Cable Diameter	Straight Male No.
M25	0.250-0.375"(6.35-9.53mm)	DCG-M25-606
M25	0.375-0.500"(9.53-12.70mm)	DCG-M25-608
M25	0.500-0.625"(12.7-15.88mm)	DCG-M25-610
M25	0.625-0.750"(15.88-19.05mm)	DCG-M25-612

M Thread Size	Cable Diameter	Straight Male No.
M30	0.375-0.500"(9.53-12.70mm)	DCG-M30-808
M30	0.500-0.625"(12.7-15.88mm)	DCG-M30-810
M30	0.625-0.750"(15.88-19.05mm)	DCG-M30-812
M30	0.750-0.875"(19.05-22.23mm)	DCG-M30-814
M30	0.875-1.00"(22.23-25.4mm)	DCG-M30-816

M Thread Size	Cable Diameter	Straight Male No.
M32	0.375-0.500"(9.53-12.70mm)	DCG-M32-808
M32	0.500-0.625"(12.7-15.88mm)	DCG-M32-810
M32	0.625-0.750"(15.88-19.05mm)	DCG-M32-812
M32	0.750-0.875"(19.05-22.23mm)	DCG-M32-814
M32	0.875-1.00"(22.23-25.4mm)	DCG-M32-816

Deluxe Cord Grips

Product Description

M40, M50, M63   

Features & Benefits

- Strain relief grips are used to connect cable to enclosures and industrial equipment. helps prevent cable or conduit pull-out at the point of termination due to tension.
- Helps eliminate direct tension from terminals removing strain from critical electrical connection.
- For indoor and outdoor where cables or wires are exposed to moisture or are frequently washed.



Deluxe cord grips
straight male connector

Deluxe Cord Grips

M Thread Size	Cable Diameter	Straight Male No.
M40	0.750-0.875"(19.05-22.23mm)	DCG-M40-1014
M40	0.875-1.00"(22.23-25.4mm)	DCG-M40-1016
M40	1.00-1.125"(25.4-28.58mm)	DCG-M40-1018
M40	1.125-1.250"(28.58-31.75mm)	DCG-M40-1020
M40	1.250-1.375"(31.75-34.9mm)	DCG-M40-1022

M Thread Size	Cable Diameter	Straight Male No.
M50	0.750-0.875"(19.05-22.23mm)	DCG-M50-1014
M50	0.875-1.00"(22.23-25.4mm)	DCG-M50-1016
M50	1.00-1.125"(25.4-28.58mm)	DCG-M50-1018
M50	1.125-1.250"(28.58-31.75mm)	DCG-M50-1020
M50	1.250-1.375"(31.75-34.9mm)	DCG-M50-1022

M Thread Size	Cable Diameter	Straight Male No.
M63	1.125-1.250"(28.58-31.75mm)	DCG-M63-1620
M63	1.25-1.375"(31.75-34.9mm)	DCG-M63-1622
M63	1.312-1.437"(33.32-36.50mm)	DCG-M63-1623
M63	1.437-1.562"(36.50-39.67mm)	DCG-M63-1625
M63	1.562-1.687"(39.67-42.85mm)	DCG-M63-1627

Cord Grips

Product Description

3/8", 1/2", 3/4", 1" & 1-1/4" NPT



Features & Benefits

- For use in both indoor and outdoor applications to prevent cable pullout, to control arc of bend, and to provide a tight seal against environmental elements such as dirt, moisture and coolants.
- Used in junction boxes, hanging stations, hand tools, construction, processing, etc.
- Available in straight, 45°, and 90° styles.
- They are available in your choice of aluminum, plated steel, nylon and stainless steel.



Aluminum Cord Grip
Straight Male



Aluminum Cord Grip
90° Male



Aluminum Cord Grip
45° Male



Aluminum Cord Grip
Straight Female

Cord Grips

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
3/8"	0.125-0.187"(3.18-4.75mm)	CG302	CG9302		
3/8"	0.187-0.250"(4.75-6.35mm)	CG304	CG9304	-	-
3/8"	0.250-0.312"(6.35-7.92mm)	CG305	CG9305	-	-
3/8"	0.312-0.375"(7.92-9.53mm)	CG306	CG9306	-	-
3/8"	0.375-0.437"(9.53-11.1mm)	CG307	CG9307	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
1/2"	0.125-0.187"(3.18-4.75mm)	CG402	CG9402	CG45402	CGF402
1/2"	0.187-0.250"(4.75-6.35mm)	CG404	CG9404	CG45404	CGF404
1/2"	0.250-0.375"(6.35-9.53mm)	CG406	CG9406	CG45406	CGF406
1/2"	0.375-0.500"(9.53-12.70mm)	CG408	CG9408	CG45408	CGF408
1/2"	0.500-0.625"(12.70-15.88mm)	CG410	CG9410	CG45410	CGF410
1/2"	0.625-0.750"(15.88-19.05mm)	CG412	-	-	-
1/2"	0.750-0.875"(19.05-22.23mm)	CG414	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
3/4"	0.187-0.250"(4.75-6.35mm)	CG604	-	CG45604	-
3/4"	0.250-0.375"(6.35-9.53mm)	CG606	CG9606	CG45606	CGF606
3/4"	0.375-0.500"(9.53-12.70mm)	CG608	CG9608	CG45608	CGF608
3/4"	0.500-0.625"(12.7-15.88mm)	CG610	CG9610	CG45610	CGF610
3/4"	0.625-0.750"(15.88-19.05mm)	CG612	CG9612	CG45612	CGF612
3/4"	0.750-0.875"(19.05-22.23mm)	CG614	-	-	CGF614

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
1"	0.375-0.500"(9.53-12.70mm)	CG808	CG9808	CG45808	CGF808
1"	0.500-0.625"(12.7-15.88mm)	CG810	CG9810	CG45810	CGF810
1"	0.625-0.750"(15.88-19.05mm)	CG812	CG9812	CG45812	CGF812
1"	0.750-0.875"(19.05-22.23mm)	CG814	CG9814	CG45814	CGF814
1"	0.875-1.00"(22.23-25.4mm)	CG816	CG9816	CG45816	CGF816
1"	1.00-1.125"(25.4-28.58mm)	CG818	-	-	-
1"	1.125-1.250"(28.58-31.75mm)	CG820	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
1-1/4"	0.750-0.875"(19.05-22.23mm)	CG1014	CG91014	CG451014	-
1-1/4"	0.875-1.00"(22.23-25.4mm)	CG1016	CG91016	CG451016	-
1-1/4"	1.00-1.125"(25.4-28.58mm)	CG1018	CG91018	CG451018	-
1-1/4"	1.125-1.250"(28.58-31.75mm)	CG1020	CG91020	CG451020	-
1-1/4"	1.250-1.375"(31.75-34.9mm)	CG1022	CG91022	CG451022	-

Cord Grips

Product Description

1-1/2", 2", 2-1/2" & 3" NPT



Aluminum Cord Grip
Straight Male



Aluminum Cord Grip
90° Male



Aluminum Cord Grip
45° Male



Aluminum Cord Grip
Straight Female

Cord Grips

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
1-1/2"	0.750-0.875"(19.05-22.23mm)	CG1214	CG91214	-	-
1-1/2"	0.875-1.00"(22.23-25.4mm)	CG1216	CG91216	-	-
1-1/2"	1.00-1.125"(25.4-28.58mm)	CG1218	CG91218	-	-
1-1/2"	1.125-1.250"(28.58-31.75mm)	CG1220	CG91220	-	-
1-1/2"	1.25-1.375"(31.75-34.9mm)	CG1222	CG91222	-	-
1-1/2"	1.312-1.437"(33.32-36.50mm)	CG1223	-	-	-
1-1/2"	1.437-1.562"(36.50-39.67mm)	CG1225	-	-	-
1-1/2"	1.562-1.687"(39.67-42.85mm)	CG1227	-	-	-
1-1/2"	1.687-1.812"(42.85-46.02mm)	CG1229	-	-	-
1-1/2"	1.750-1.875"(44.45-47.63mm)	CG1230	-	-	-


NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
2"	1.25-1.375"(31.75-34.9mm)	CG1622	CG91622	-	-
2"	1.312-1.437"(33.32-36.50mm)	CG1623	CG91623	-	-
2"	1.437-1.562"(36.50-39.67mm)	CG1625	CG91625	-	-
2"	1.562-1.687"(39.67-42.85mm)	CG1627	CG91627	-	-
2"	1.687-1.812"(42.85-46.02mm)	CG1629	CG91629	-	-
2"	1.750-1.875"(44.45-47.63mm)	CG1630	CG91630	-	-
2"	1.812-1.937"(46.02-49.20mm)	CG1631	-	-	-
2"	1.937-2.062"(49.20-52.37mm)	CG1633	-	-	-
2"	2.062-2.187"(52.37-55.55mm)	CG1635	-	-	-
2"	2.187-2.312"(55.55-58.72mm)	CG1637	-	-	-
2"	2.312-2.437"(58.72-61.90mm)	CG1639	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
2-1/2"	1.687-1.812"(42.85-46.02mm)	CG2029	-	-	-
2-1/2"	1.812-1.937"(46.02-49.20mm)	CG2031	-	-	-
2-1/2"	1.937-2.062"(49.20-52.37mm)	CG2033	-	-	-
2-1/2"	2.062-2.187"(52.37-55.55mm)	CG2035	-	-	-
2-1/2"	2.187-2.312"(55.55-58.72mm)	CG2037	-	-	-
2-1/2"	2.312-2.437"(58.72-61.90mm)	CG2039	-	-	-

NPT	Cable Diameter	Straight Male No.	90° Male No.	45° Male No.	Straight Female No.
3"	1.687-1.812"(42.85-46.02mm)	CG2429	-	-	-
3"	1.812-1.937"(46.02-49.20mm)	CG2431	-	-	-
3"	1.937-2.062"(49.20-52.37mm)	CG2433	-	-	-
3"	2.062-2.187"(52.37-55.55mm)	CG2435	-	-	-
3"	2.187-2.312"(55.55-58.72mm)	CG2437	-	-	-
3"	2.312-2.437"(58.72-61.90mm)	CG2439	-	-	-
3"	2.437-2.625"(61.90-66.68mm)	CG2442	-	-	-
3"	2.625-2.812"(66.68-71.42mm)	CG2445	-	-	-
3"	2.812-3.00"(71.42-76.20mm)	CG2448	-	-	-
3"	3.000-3.250"(76.2-82.55mm)	CG2452	-	-	-

Liquid-tight Grips

Product Description

For Metal & Non-Metallic Flexible Conduits, NPT   

Features & Benefits

- Used to connect liquidtight flexible conduit to electrical enclosures to help prevent conduit pullout.
- Liquidtight grips are recommended in the wiring of motors and any electrical enclosure where liquidtight conduit is subject to motion or strain.
- Insulated throat provides protection upon flexing, temperature change and wire entry/exit.
- For indoor and outdoor use.



Liquid tight grips
straight male connector



Liquid tight grips
90° male connector



Liquid tight grips
45° male connector

Liquid-tight Grips

Conduit Size	NPT Fitting Size	Mesh Length	Straight Male No.	90° Male No.	45° Male No.
3/8(12mm)	3/8	3.875" (98.4mm)	LTG3801	LTG93801	LTG453801
1/2" (16mm)	1/2	4.625" (117.5mm)	LTG1201	LTG91201	LTG451201
3/4" (21mm)	3/4	5.75" (146.0mm)	LTG3401	LTG93401	LTG453401
1" (27mm)	1	7.0" (177.8mm)	LTG101	LTG9101	LTG45101
1-1/4" (35mm)	1-1/4	8.125" (206.4mm)	LTG11401	LTG911401	LTG4511401
1-1/2" (41mm)	1-1/2	9.25" (235.0mm)	LTG11201	LTG911201	LTG4511201
2" (53mm)	2	11.5" (292.1mm)	LTG201	LTG9201	LTG45201
2-1/2" (63mm)	2-1/2	11.25" (285.8mm)	LTG21201	LTG921201	LTG4521201
3" (78mm)	3	14.75" (374.7mm)	LTG301	LTG9301	LTG45301
4" (103mm)	4	16.25" (412.8mm)	LTG401	LTG9401	LTG45401

Liquid-tight Fittings

Product Description

3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3" & 4"



Features & Benefits

- For use in outdoor or indoor locations on flexible metallic liquidtight conduit and flexible nonmetallic liquidtight conduit to positively bond the conduit to a box or enclosure.
- Liquidtight, raintight, oiltight for protection and long life in wet, dusty environments.
- Suitable for wet location use.
- Insulated throat protects conductors from abrasion damage.



Liquid-Tight Connectors
Straight Male



Liquid-Tight Connectors
90° Male



Liquid-Tight Connectors
45° Male

Liquid-tight Fittings

Conduit Size	NPT Fitting Size	Straight Male No.	90° Male No.	45° Male No.
3/8" (12mm)	3/8	LTC3801	LTC93801	LTC453801
1/2" (16mm)	1/2	LTC1201	LTC91201	LTC451201
3/4" (21mm)	3/4	LTC3401	LTC93401	LTC453401
1" (27mm)	1	LTC101	LTC9101	LTC45101
1-1/4" (35mm)	1-1/4	LTC11401	LTC911401	LTC4511401
1-1/2" (41mm)	1-1/2	LTC11201	LTC911201	LTC4511201
2" (53mm)	2	LTC201	LTC9201	LTC45201
2-1/2" (63mm)	2-1/2	LTC21201	LTC921201	LTC4521201
3" (78mm)	3	LTC301	LTC9301	LTC45301
4" (103mm)	4	LTC401	LTC9401	LTC45401

I-Grips

Product Description

Wire Mesh I-grip   

Features & Benefits

- For use in indoor applications to prevent cable pull-out, control cable arc of bend.
- Helps eliminate direct tension from terminals and remove strain from critical electrical connection.
- Easily attached to Insulgrip plug and connector body.



I-grip

I-Grips

Cable Diameter	Mesh Length	Bale Length	Part Number
0.30–0.43" (7.6–10.9mm)	4.5" (114.3mm)	2" (50.8mm)	IG0811
0.40–0.56" (10.2–14.2mm)	5.0" (127.0mm)	2" (50.8mm)	IG1014
0.52–0.73" (13.2–18.5mm)	6.5" (165.1mm)	2" (50.8mm)	IG1318
0.70–0.85" (17.8–21.6mm)	8.5" (215.9mm)	2.5" (63.5mm)	IG1722
0.82–1.00" (20.8–25.4mm)	8.5" (215.9mm)	2.5" (63.5mm)	IG2025
0.94–1.25" (23.9–31.8mm)	11.75" (298.5mm)	2.5" (63.5mm)	IG2432

Hoisting Grips Installation Precautions

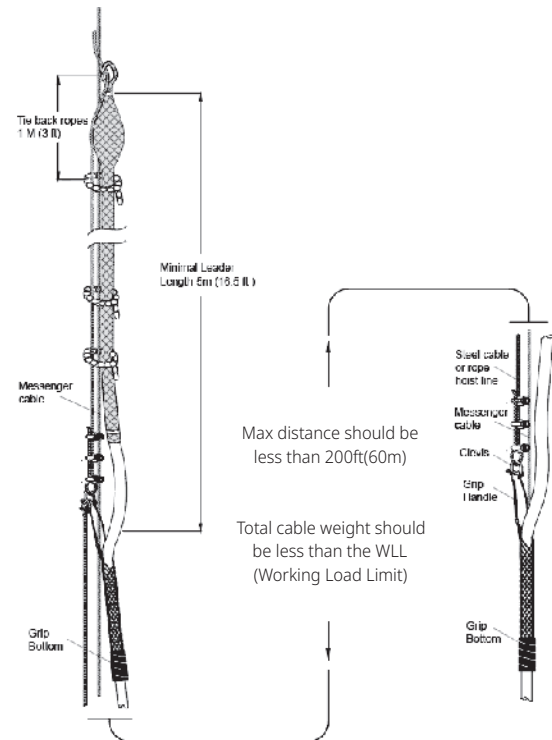
Hoisting grips are designed for hoisting cable safely up to a tower or mono-pole providing permanent support so that mechanical connection to an junction point can be made. When the cable is in position and the grip handle is fastened to the structure, the hoist line can be removed.

⚠ WARNING

The following warnings alert you to possible dangers in misusing these products. Failure to obey a warning may result in injury or death to you or to others.

- Hoisting Grips are meant to be a permanent part of the installation. They are the primary support for the cable weight and must be anchored to the support structure with tension applied. The anchor point should be approved by the engineer of record, and meet the structure owners guidelines.
- Do not use one Hoisting/Support grip for hoisting two or more cables.
- Only lower cables using Hoisting/Support grip when the grips are securely in place with tape or clamp.
- Don't re-use hoisting grips.
- Use Hoisting/Support grip based WLL (Working Load Limit) and the safety factor should not less than 5:1.
* Safety Factor=Breaking Strength/WLL
- Attach messenger cable to load line and attach hoisting messenger cable, to ensure hoisting grip can be transferred to structure without disconnecting messenger cable.
- Make sure that the proper Hoisting/Support grip is used for the cable being installed.
- Maintain tension on the Hoisting/Support grip at all times.

Hoisting Considerations



Safety and Working Load Factors for Wire Mesh Grips

The broad application of Maxdao grips on a wide variety of objects requires that adequate safety factors be used to establish working loads. The approximate breaking strength of a Maxdao grip represents an average calculation based on data established from actual direct tension testing done in our engineering laboratories.

It is impossible to catalog or guarantee a safety factor suitable for all applications as operating conditions are never the same. The tension, diameter, movement, number of objects gripped, gripping surface, and the attachments used are just some of the factors which vary with each application. These factors, together with

the effects of abrasion, corrosion, prior use or abuse and any other variables of a specific application, must be considered by the user and the grip replaced as appropriate. Where the conditions of the application are vague or unknown, or where risk of injury to persons or property is involved, a greater safety factor should be utilized.

For specific applications where strength and holding power are important, consult the manufacturer. To determine the recommended working load safety factor for listed cable grips, divide the approximate breaking strength by 5 for pulling grips and 10 for support grips.

Examples

Grip Style	Approx. Breaking Strength (Lbs)	Safety Factor	Max. Recommended Working Load (Lbs)
Pulling Grips	33000	5	6600
Support Grips	10080	10	1008

Any warranty as to quality, performance or fitness for use of grips is always premised on the condition that the published breaking strengths apply only to new, unused grips, and that such products are properly stored, handled, used, maintained, and inspected by the user at a frequency appropriate for the use and condition of the grip.

Wire Mesh Grip Reference

Selecting properly sized pulling and support grips

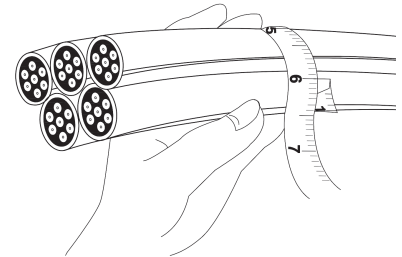
- Select grip size based upon the outside diameter or circumference of the cable(s)
- See the following reference tables for convenience in determining cable diameters
- Use the following grip selection tables to determine the grip diameter range for your application

Grip Selection for One or More Cables of Equal Diameter

1. Read across top line for number of cables in one grip.
2. Read down for diameter of each cable.
3. Read across to the right to grip diameter range column.

Example for Five Cables Together with Diameter of 0.42" Each

1. Locate "5 cables" column.
2. Read down column to range (0.38 to 0.48").
3. Read across line to grip diameter range (1.00 to 1.25").



Decimal and Fractional Inch Cable Diameters for 1 or More Cables of Equal Diameter

1 Cable	2 Cables	3 Cables	4 Cables	Grip Diameter Range
0.25 to 0.37 = ¼ to 3/8	0.16 to 0.25 = 1/64 to ¼	0.15 to 0.22 = 5/32 to 7/32	0.12 to 0.20 = 1/8 to 13/64	0.25 to 0.375
0.37 to 0.50 = 3/8 to ½	0.25 to 0.36 = ¼ to 23/64	0.22 to 0.33 = 7/32 to 21/64	0.20 to 0.28 = 13/64 to 9/32	0.375 to 0.50
0.50 to 0.62 = ½ to 5/8	0.27 to 0.36 = 17/64 to 23/64	0.26 to 0.33 = 17/64 to 21/64	0.24 to 0.28 = 15/64 to 9/32	0.50 to 0.62
0.62 to 0.75 = 5/8 to ¾	0.36 to 0.45 = 23/64 to 29/64	0.33 to 0.36 = 21/64 to 23/64	0.28 to 0.31 = 9/32 to 5/16	0.62 to 0.75
0.75 to 1.00 = ¾ to 1	0.45 to 0.60 = 29/64 to 39/64	0.36 to 0.49 = 23/64 to 31/64	0.31 to 0.42 = 5/16 to 27/64	0.75 to 1.00
1.00 to 1.25 = 1 to 1¼	0.60 to 0.76 = 39/64 to 49/64	0.49 to 0.63 = 31/64 to 5/8	0.42 to 0.54 = 27/64 to 35/64	1.00 to 1.25
1.25 to 1.50 = 1¼ to 1½	0.76 to 0.91 = 49/64 to 29/32	0.63 to 0.75 = 5/8 to 49/64	0.54 to 0.65 = 35/64 to 21/32	1.25 to 1.50
1.50 to 1.75 = 1½ to 1¾	0.88 to 1.08 = 49/64 to 15/64	0.76 to 0.89 = 49/64 to 57/64	0.65 to 0.77 = 21/32 to 49/64	1.50 to 1.75
1.75 to 2.00 = 1¾ to 2	1.08 to 1.23 = 15/64 to 115/64	0.89 to 1.02 = 57/64 to 11/64	0.77 to 0.88 = 49/64 to 7/8	1.75 to 2.00
2.00 to 2.50 = 2 to 2½	1.23 to 1.54 = 115/64 to 135/64	1.02 to 1.28 = 11/64 to 19/32	0.88 to 1.00 = 7/8 to 1	2.00 to 2.50
2.50 to 3.00 = 2½ to 3	1.54 to 1.84 = 135/64 to 127/32	1.28 to 1.53 = 19/32 to 117/32	1.10 to 1.32 = 13/32 to 121/64	2.50 to 3.00
3.00 to 3.50 = 3 to 3½	1.84 to 2.15 = 127/32 to 25/32	1.53 to 1.79 = 117/32 to 151/64	1.32 to 1.54 = 121/64 to 135/64	3.00 to 3.50
3.50 to 4.00 = 3½ to 4	2.15 to 2.45 = 25/32 to 229/64	1.79 to 2.05 = 151/64 to 23/64	1.54 to 1.76 = 135/64 to 149/64	3.50 to 4.00

5 Cables	6 and 7 Cables	8 Cables	9 Cables	Grip Diameter Range
0.11 to 0.14 = 7/64 to 9/64	0.10 to 0.11 = 3/32 to 7/64	0.09 to 0.10 = 3/32 to 7/64	0.06 to 0.09 = 1/16 to 3/32	0.25 to 0.375
0.14 to 0.21 = 9/64 to ¼	0.11 to 0.25 = 7/64 to ¼	0.10 to 0.20 = 7/64 to 13/64	0.09 to 0.19 = 3/32 to 3/16	0.375 to 0.50
0.21 to 0.25 = 7/32 to ¼	0.19 to 0.22 = 3/16 to 7/32	0.17 to 0.20 = 11/64 to 13/64	0.15 to 0.19 = 5/32 to 3/16	0.50 to 0.62
0.25 to 0.29 = ¼ to 19/64	0.22 to 0.26 = 7/32 to 17/64	0.20 to 0.23 = 13/64 to 15/64	0.19 to 0.22 = 3/16 to 7/32	0.62 to 0.75
0.29 to 0.38 = 19/64 to 3/8	0.26 to 0.34 = 17/64 to 11/32	0.23 to 0.31 = 15/64 to 5/16	0.22 to 0.31 = 7/32 to 5/16	0.75 to 1.00
0.38 to 0.48 = 3/8 to 31/64	0.34 to 0.43 = 11/32 to 7/16	0.31 to 0.39 = 5/16 to 25/64	0.29 to 0.36 = 19/64 to 23/64	1.00 to 1.25
0.48 to 0.58 = 31/64 to 41/64	0.43 to 0.52 = 7/16 to 33/64	0.39 to 0.46 = 25/64 to 15/32	0.36 to 0.43 = 23/64 to 7/16	1.25 to 1.50
0.58 to 0.67 = 37/64 to 43/64	0.52 to 0.60 = 33/64 to 39/64	0.46 to 0.54 = 15/32 to 35/64	0.43 to 0.49 = 7/16 to 31/64	1.50 to 1.75
0.67 to 0.77 = 43/64 to 49/64	0.60 to 0.69 = 39/64 to 11/16	0.54 to 0.62 = 35/64 to 5/8	0.49 to 0.57 = 31/64 to 37/64	1.75 to 2.00
0.77 to 0.96 = 49/64 to 31/32	0.69 to 0.86 = 11/16 to 55/64	0.62 to 0.77 = 5/8 to 49/64	0.57 to 0.72 = 37/64 to 23/32	2.00 to 2.50
0.96 to 1.16 = 31/32 to 15/32	0.86 to 1.03 = 55/64 to 11/32	0.77 to 0.93 = 49/64 to 15/16	0.72 to 0.86 = 23/32 to 55/64	2.50 to 3.00
1.16 to 1.35 = 15/32 to 123/64	1.03 to 1.20 = 11/32 to 113/64	0.93 to 1.08 = 15/16 to 15/64	0.86 to 1.00 = 55/64 to 1	3.00 to 3.50
1.35 to 1.54 = 123/64 to 135/64	1.20 to 1.37 = 113/64 to 13/8	1.08 to 1.24 = 15/64 to 115/64	1.00 to 1.14 = 1 to 19/64	3.50 to 4.00

Wire Mesh Grip Reference

Selecting Properly Sized Pulling and Support Grips

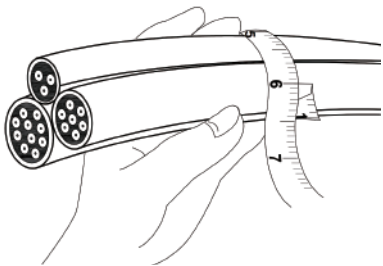
- Grip circumference range refers to circumference of all cables held together

Grip Circumference Range Refers to Circumference of All Cables Held Together

1. Determine grip circumference range by measuring circumference of bundle of cables to be held (as shown in illustration).
2. Read down to locate correct range.
3. Read across to grip diameter column.

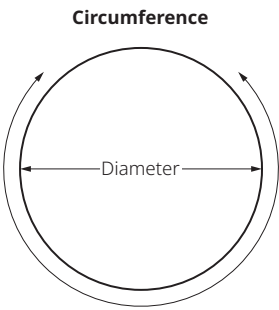
Example for Three Cables Together with Combined Circumference of 6.0"

1. Read down "inches (decimal)" column for 6.0" (5.51 to 6.29").
2. Read across line to grip diameter range (1.75 to 2.00").



Grip Circumference Range for Cables of Different Diameters

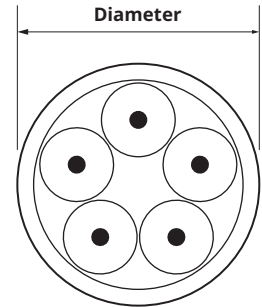
Grip Circumference Range (inches fractional)	Grip Circumference Range (inches decimal)	Grip Diameter Range
25/32 to 111/64"	0.78 to 1.17"	0.25 to .375"
111/64 to 137/64"	1.17 to 1.57"	0.375 to 0.50"
137/64 to 23/8"	1.57 to 2.37"	0.50 to 0.75"
115/16 to 23/8"	1.94 to 2.37"	0.625 to 0.75"
23/8 to 35/32"	2.37 to 3.15"	0.75 to 1.00"
35/32 to 315/16"	3.15 to 3.94"	1.00 to 1.25"
315/16 to 423/32"	3.94 to 4.72"	1.25 to 1.50"
423/32 to 533/64"	4.72 to 5.51"	1.50 to 1.75"
533/64 to 619/64"	5.51 to 6.29"	1.75 to 2.00"
619/64 to 755/64"	6.29 to 7.86"	2.00 to 2.50"
755/64 to 97/16"	7.86 to 9.43"	2.50 to 3.00"
97/16 to 111/64"	9.43 to 11.01"	3.00 to 3.50"
111/64 to 1237/64"	11.01 to 12.58"	3.50 to 4.00"



For your convenience, the following are nominal overall diameters (in inches) for flexible cord

Cord Diameters Reference Table

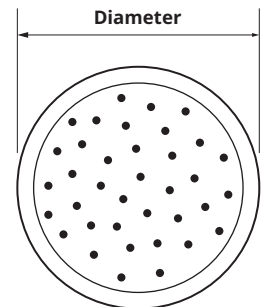
AWG Wire Size and Type	2 Conductors	3 Conductors	4 Conductors	5 Conductors
18 SO, STO	0.36"	0.38"	0.41"	0.49"
18 SJO, SJTO	0.30"	0.32"	0.35"	-
16 SO, STO	0.39"	0.41"	0.44"	0.52"
16 SJO, SJTO	0.32"	0.34"	0.37"	-
14 SO, STO	0.52"	0.55"	0.59"	0.67"
12 SO, STO	0.60"	0.62"	0.68"	0.74"
10 SO, STO	0.65"	0.69"	0.74"	0.80"
8 SO, STO	0.83"	0.88"	0.99"	1.08"
6 SO, STO	0.99"	1.04"	1.12"	1.25"



AWG or MCM Wire Sizes

AWG or MCM	Approximate Diameter THHM	Approximate Diameter THW
14	0.105"	0.162"
12	0.122"	0.179"
10	0.153"	0.199"
8	0.201"	0.259"
6	0.257"	0.323"
4	0.328"	0.372"
3	0.356"	0.401"
2	0.388"	0.433"
1	0.450"	0.508"
1/0	0.491"	0.549"
2/0	0.537"	0.595"
3/0	0.588"	0.647"
4/0	0.646"	0.705"
250	0.716"	0.788"
300	0.771"	0.843"
350	0.822"	0.895"
400	0.869"	0.942"
500	0.955"	1.03"
600	1.06"	1.14"
700	1.13"	1.21"
750	1.16"	1.25"
1000	1.32"	1.40"

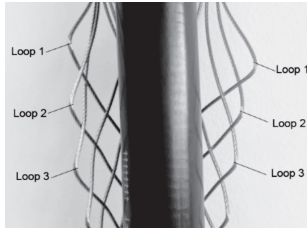
Note: This table to be used as a guide only. Sizes may vary by manufacturer



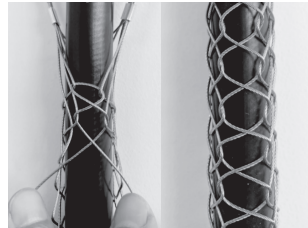
Wire Mesh Closing Instructions

Split Mesh Grip Lace Closing Instructions

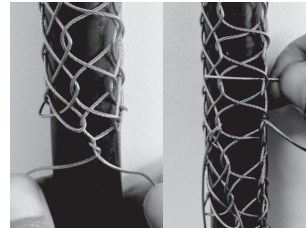
Lace closing grips are for permanent support applications where the cable end is not available. Laces should be the same material as the grip. The lace should also be the same weave as the grip mesh. A single lace should be used with single weave grips. A double lace should be used with double weave grips. Maxdao series grips are supplied with the appropriate lace. Only new laces should be used.



1. Compress the grip together, and place in the proper location. Ensure the loops are lined up evenly



2. Start lacing at the top pair of grip loops. Working down, alternately cross the lace at each pair of loops. Pass the lace through each loop pulling each previous weave tight.



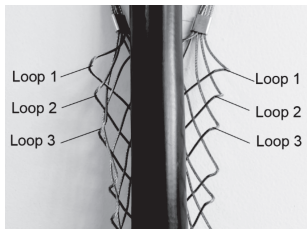
3. After the lacing is completed and pulled tight, secure the loose ends by first tying them together and then passing the ends back through the weave.



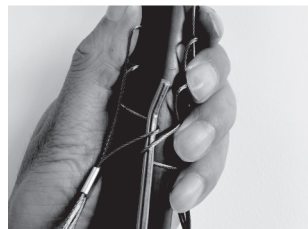
4. Place both hands firmly around the bottom of the grip and slide them upward to the top. This pulling action removes slack throughout the grip. Repeat this twice.

Split Mesh Grip Rod Closing Instructions

The stainless steel rod is a precise built-in feature which makes threading easy and fast. The strands of the mesh pass around the rod and match up with the strands from the opposite direction. The rod does not touch the cable at any point and therefore cannot cut the cable. Rod Closing Grips are reusable. They may be removed and reused as many times as desired.



1. Compress the grip together, and place in the proper location. Ensure the loops are lined up evenly



2. Wrap the grip around the cable and thread the rod through the pre-formed loops with a corkscrew motion, using the curved end of the rod to engage the loops.



3. The action required is a steady push and twist simultaneously. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod.



4. To remove, simply pull the rod out.

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