

SECTION **N**



# Wire Mesh Grips

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Wire mesh strengthens your situation







Within certain families of grips, reference is made to an "approximate breaking strength". The approximate breaking strength represents an average calculation based upon actual tests on new, unused grips. Normal manufacturing conditions can produce a variation of as much as  $\pm 20\%$  to the figures shown in our catalog.

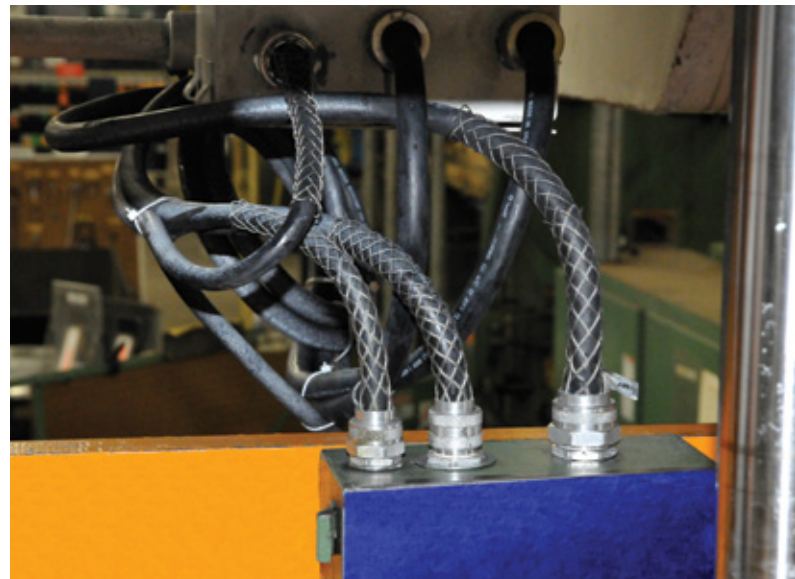
The approximate breaking strength of any Arrow Hart wire mesh cable grip is based on working load information established in laboratory testing. In making these determinations, it is not possible to cover all applications and operating conditions. Variables such as diameters, gripping surfaces, number of items gripped, tension, movement, attachment, abrasion, corrosion, prior use, or abuse must be assessed by the user. Greater safety factors should be utilized when the conditions of application are vague or unknown.

In order to assure safe installation and performance, it is imperative that adequate safety factors be taken into consideration to compensate for varied operating conditions to which wire mesh grips are subjected.

Wire mesh grips should never be used to the approximate breaking strength. 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. Arrow Hart maintains a 6 sigma safety factor for pulling grips and a 5 sigma safety factor for support grips for these recommended working loads (using average break strengths obtained on new grips under lab test conditions).

**Example: For pulling grips –  $33,000 \div 5 = 6,600$  lbs. which is the workload factor.**

**Example: For support grips –  $10,080 \div 10 = 1,008$  lbs. which is the workload factor.**



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## Wire mesh grip families

### Complete offering of wire mesh grips built tough for industrial applications

Arrow Hart supplies a broad selection of strain relief, pulling and support grips in a wide range of styles and sizes to serve all of your cable protection needs



#### Strain relief grips

Strain relief grips are used to connect cable 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.



#### Support grips

Support grips distribute the weight of vertical drops and sloping runs over the length of the grip to protect the cable from damage. A variety of hanging styles are available to service numerous cable support installations.



#### Pulling grips

Pulling grips serve as reusable tools for pulling cables, wires and/or rope in overhead and underground cable pulls. These grips protect the cable from abrasion and ease the cable through bends and rough surfaces.



# Quick reference selection guide

## Strain relief grips

Prevent cable pullout  
Reduce stress and strain on conductors at point of wire termination



### Deluxe cord grips

#### DC series

Indoor and outdoor use where cord is subjected to moisture. Wiring of pendant stations, processing equipment and hand tools.



### Dust tight wide range

#### TC series

Indoor use. Connects flexible cord to electrical enclosures.



### I-grips

#### I series

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



### Flexible metallic conduit grips

#### LT series

Connects liquid-tight conduit to electrical enclosures. Provides a liquid-tight seal and protects against cable damage caused by vibration, flexing and strain.

## Support grips

Hold and support cables, metal rods, hose and tubing



### Standard duty support

#### SG series

Indoor and outdoor use. Supports vertical cable runs up to 99 feet and loads up to 600 pounds. Available in various mesh styles and attachment means.



### Heavy duty support

#### SGT series

Indoor and outdoor use. Support vertical cable runs over 100 feet and loads over 600 pounds. Closed mesh only, single and double eye.



### Service drop support

#### SD series

Indoor and outdoor use. Supports light duty cable, fiber optic cable and service entrance cable.



### Bus drop support

#### BD series

Indoor use. Light duty support for overhead flexible cables or bus drop cables.

## Pulling grips

Reusable cable installation tool



### Junior pulling

#### LPJ series

Indoor use. Low tension pulls of insulated building wire through conduit.



### Light duty

#### LP series

Indoor and outdoor use. Light pulls in general underground electrical construction.



### Medium duty

#### UP series

Recommended for heavy or rugged applications and ideal for overhead and underground pulling applications.



### Heavy duty

#### PH series

Handle longer or heavier pulling jobs such as installation of underground cables, communication lines and service lines.



### Multi-weave

#### PM series

Designed for pulling aluminum or copper bare conductor, wire rope and insulated cables.



### Slack

#### SK series

Indoor and outdoor use. Pulls slack for final placement of underground cable and removes old cable.

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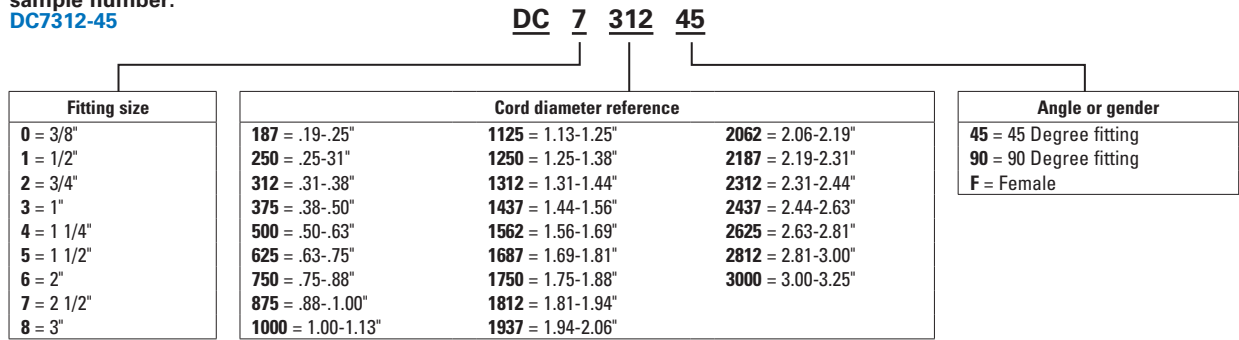
## Strain relief grips

### Strain relief grips catalog numbering system\*

Deluxe cord grips, dust tight grips,  
I-grips & liquid-tight grips

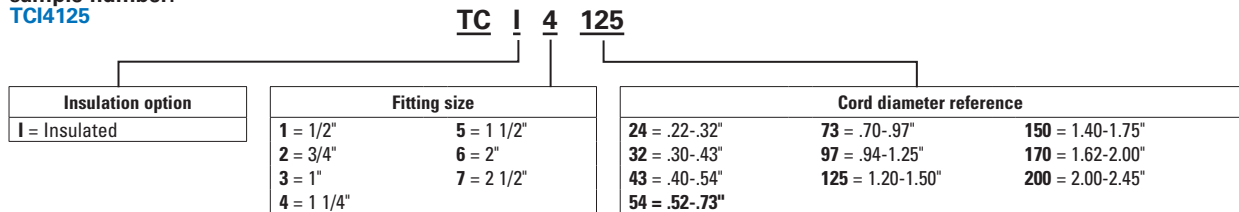
#### Deluxe cord grips

Deluxe cord grips  
sample number:  
**DC7312-45**



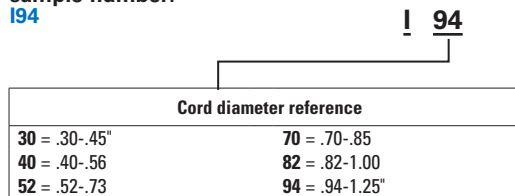
#### Dust tight grips

Dust tight grips  
sample number:  
**TCI4125**



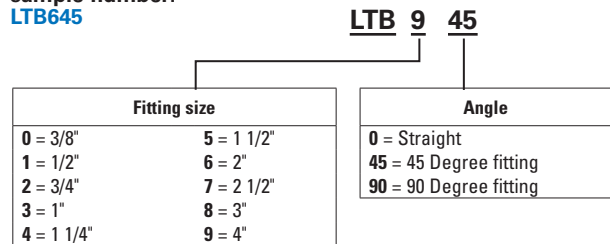
#### I-grips

I-grips  
sample number:  
**I94**



#### Liquid-tight grips

Liquid-tight grips  
sample number:  
**LTB645**



\*Not for use with watertight grips

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## Deluxe cord grips

### Product description

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

### Features & applications

- Deluxe cord grips are woven of stainless steel mesh with an aluminum body for corrosion resistance
- They are offered in single/double weave construction to help absorb direct pull, to resist flexing and binding and to eliminate strain
- Prevents pull tension reducing cable pullout and system downtime
- Eliminates direct tension from terminals removing strain from critical electrical connection
- For use where cable or cord is exposed to moisture or where frequent washdown occurs. Ideal for food processing equipment, hand tools, pendant stations, pumps, compressors and Arrow Hart Pin & Sleeve plugs and connectors
- Deluxe grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2



Deluxe cord grips  
straight male connector



Deluxe cord grips  
90° male connector





Deluxe cord grips  
45° male connector







Deluxe cord grips  
straight female connector

### 3/8" NPT deluxe cord grips





Cord diameter	Straight male catalog no.		90° Male catalog no.	
0.19-0.25" (4.8-6.4mm)	<input type="checkbox"/> DC000187	•	<input type="checkbox"/> DC000187-90	•
0.25-0.31" (6.4-7.9mm)	<input type="checkbox"/> DC000250	•	<input type="checkbox"/> DC000250-90	•
0.31-0.38" (7.9-9.7mm)	<input type="checkbox"/> DC000312	•	<input type="checkbox"/> DC000312-90	•
0.38-0.50" (9.7-12.7mm)	<input type="checkbox"/> DC000375	•	<input type="checkbox"/> DC000375-90	•

### 1/2" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.		45° Male catalog no.		Straight female catalog no.	
0.19-0.25" (4.8-6.4mm)	<input type="checkbox"/> DC100187	•	<input type="checkbox"/> DC100187-90	•	<input type="checkbox"/> DC100187-45	•	<input type="checkbox"/> DC100187-F*	•
0.25-0.38" (6.4-9.6mm)	<input type="checkbox"/> DC100250	•	<input type="checkbox"/> DC100250-90	•	<input type="checkbox"/> DC100250-45	•	<input type="checkbox"/> DC100250-F*	•
0.38-0.50" (9.7-12.7mm)	<input type="checkbox"/> DC100375	•	<input type="checkbox"/> DC100375-90	•	<input type="checkbox"/> DC100375-45	•	<input type="checkbox"/> DC100375-F*	•
0.50-0.63" (12.7-16.0mm)	<input type="checkbox"/> DC100500	•	<input type="checkbox"/> DC100500-90	•	<input type="checkbox"/> DC100500-45	•	<input type="checkbox"/> DC100500-F*	•
0.63-0.75" (16.0-19.1mm)	<input type="checkbox"/> DC100625*	•	—	—	—	—	—	—
0.75-0.88" (19.1-22.4mm)	<input type="checkbox"/> DC100750*	•	—	—	—	—	—	—

\* Not UL Listed

### 3/4" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.		45° Male catalog no.		Straight female catalog no.	
0.25-0.38" (6.4-9.6mm)	<input type="checkbox"/> DC200250	•	<input type="checkbox"/> DC200250-90	•	<input type="checkbox"/> DC200250-45	•	<input type="checkbox"/> DC200250-F*	•
0.38-0.50" (9.7-12.7mm)	<input type="checkbox"/> DC200375	•	<input type="checkbox"/> DC200375-90	•	<input type="checkbox"/> DC200375-45	•	<input type="checkbox"/> DC200375-F*	•
0.50-0.63" (12.7-16.0mm)	<input type="checkbox"/> DC200500	•	<input type="checkbox"/> DC200500-90	•	<input type="checkbox"/> DC200500-45	•	<input type="checkbox"/> DC200500-F*	•
0.63-0.75" (16.0-19.1mm)	<input type="checkbox"/> DC200625	•	<input type="checkbox"/> DC200625-90	•	<input type="checkbox"/> DC200625-45	•	<input type="checkbox"/> DC200625-F*	•
0.75-0.88" (19.1-22.4mm)	<input type="checkbox"/> DC200750*	•	—	—	—	—	—	—

\* Not UL Listed

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### Deluxe cord grips

#### Product description

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

#### Features & applications

- Deluxe cord grips are woven of stainless steel mesh with an aluminum body for corrosion resistance
- They are offered in single/double weave construction to help absorb direct pull, to resist flexing and binding and to eliminate strain
- Prevents pull tension reducing cable pullout and system downtime
- Eliminates direct tension from terminals removing strain from critical electrical connection
- For use where cable or cord is exposed to moisture or where frequent washdown occurs. Ideal for food processing equipment, hand tools, pendant stations, pumps, compressors and Arrow Hart Pin & Sleeve plugs and connectors
- Deluxe grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2



Deluxe cord grips  
straight male connector



Deluxe cord grips  
90° male connector



Deluxe cord grips  
45° male connector



Deluxe cord grips  
straight female connector

#### 1" NPT deluxe cord grips



Cord diameter	Straight male catalog no.	90° Male catalog no.	45° Male catalog no.	Straight female catalog no.
0.44-0.56" (11.2-14mm)	<input type="checkbox"/> DC300437*	<input type="checkbox"/> DC300437-90	<input type="checkbox"/> DC300437-45*	<input type="checkbox"/> DC300437-F*
0.56-0.69" (14.2-17.5mm)	<input type="checkbox"/> DC300562*	<input type="checkbox"/> DC300562-90	<input type="checkbox"/> DC300562-45*	<input type="checkbox"/> DC300562-F*
0.63-0.75" (16.0-19.1mm)	<input type="checkbox"/> DC300625	<input type="checkbox"/> DC300625-90	<input type="checkbox"/> DC300625-45	<input type="checkbox"/> DC300625-F*
0.75-0.88" (19.1-22.4mm)	<input type="checkbox"/> DC300750	<input type="checkbox"/> DC300750-90	<input type="checkbox"/> DC300750-45	<input type="checkbox"/> DC300750-F*
0.88-1.00" (22.4-25.4mm)	<input type="checkbox"/> DC300875	<input type="checkbox"/> DC300875-90	<input type="checkbox"/> DC300875-45	<input type="checkbox"/> DC300875-F*
1.00-1.13" (25.4-28.7mm)	<input type="checkbox"/> DC3001000*	—	—	—
1.13-1.25" (28.7-31.8mm)	<input type="checkbox"/> DC3001125*	—	—	—

\* Not UL Listed

#### 1 1/4" NPT deluxe cord grips



Cord diameter	Straight male catalog no.	90° Male catalog no.
0.75-0.88" (19.1-22.4mm)	<input type="checkbox"/> DC400750*	<input type="checkbox"/> DC400750-90*
0.88-1.00" (22.4-25.4mm)	<input type="checkbox"/> DC400875	<input type="checkbox"/> DC400875-90
1.00-1.13" (25.4-28.7mm)	<input type="checkbox"/> DC4001000	<input type="checkbox"/> DC4001000-90
1.13-1.25" (28.7-31.8mm)	<input type="checkbox"/> DC4001125	<input type="checkbox"/> DC4001125-90
1.25-1.38" (31.8-35.1mm)	<input type="checkbox"/> DC4001250	<input type="checkbox"/> DC4001250-90

\* Not UL Listed

#### 1 1/2" NPT deluxe cord grips



Cord diameter	Straight male catalog no.	90° Male catalog no.
0.75-0.88" (19.1-22.4mm)	<input type="checkbox"/> DC500750*	<input type="checkbox"/> DC500750-90*
0.88-1.00" (22.4-25.4mm)	<input type="checkbox"/> DC500875	<input type="checkbox"/> DC500875-90
1.00-1.13" (25.4-28.7mm)	<input type="checkbox"/> DC5001000	<input type="checkbox"/> DC5001000-90
1.13-1.25" (28.7-31.8mm)	<input type="checkbox"/> DC5001125	<input type="checkbox"/> DC5001125-90
1.25-1.38" (31.8-35.1mm)	<input type="checkbox"/> DC5001250	<input type="checkbox"/> DC5001250-90
1.31-1.44" (33.3-36.6mm)	<input type="checkbox"/> DC5001312*	—
1.44-1.56" (36.6-39.6mm)	<input type="checkbox"/> DC5001437*	—
1.56-1.69" (39.6-43.0mm)	<input type="checkbox"/> DC5001562*	—
1.69-1.81" (43.0-46.0mm)	<input type="checkbox"/> DC5001687*	—
1.75-1.88" (44.5-47.8mm)	<input type="checkbox"/> DC5001750*	—

\* Not UL Listed

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## Deluxe cord grips

### Product description

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

### Features & applications

- Deluxe cord grips are woven of stainless steel mesh with an aluminum body for corrosion resistance
- They are offered in single/double weave construction to help absorb direct pull, to resist flexing and binding and to eliminate strain
- For use where cable or cord is exposed to moisture or where frequent washdown occurs. Ideal for food processing equipment, hand tools, pendant stations, pumps and compressors
- Deluxe grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2



Deluxe cord grips  
straight male connector



Deluxe cord grips  
90° male connector





Deluxe cord grips  
45° male connector




Deluxe cord grips  
straight female connector


### 2" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.	
1.25-1.38" (31.8-35.1mm)	<input type="checkbox"/> DC6001250	•	<input type="checkbox"/> DC6001250-90	•
1.31-1.44" (33.3-36.6mm)	<input type="checkbox"/> DC6001312	•	<input type="checkbox"/> DC6001312-90	•
1.44-1.56" (36.6-39.6mm)	<input type="checkbox"/> DC6001437	•	<input type="checkbox"/> DC6001437-90	•
1.56-1.69" (39.6-43.0mm)	<input type="checkbox"/> DC6001562	•	<input type="checkbox"/> DC6001562-90	•
1.69-1.81" (43.0-46.0mm)	<input type="checkbox"/> DC6001687	•	<input type="checkbox"/> DC6001687-90	•
1.75-1.88" (44.5-47.8mm)	<input type="checkbox"/> DC6001750	•	<input type="checkbox"/> DC6001750-90	•
1.81-1.94" (45.9-49.3mm)	<input type="checkbox"/> DC6001812	•	—	—
1.94-2.06" (49.3-52.3mm)	<input type="checkbox"/> DC6001937	•	—	—
2.06-2.19" (52.3-55.5mm)	<input type="checkbox"/> DC6002062	•	—	—
2.19-2.31" (55.5-58.7mm)	<input type="checkbox"/> DC6002187	•	—	—
2.31-2.44" (58.7-61.9mm)	<input type="checkbox"/> DC6002312	•	—	—

### 2 1/2" NPT deluxe cord grips

Cord diameter	Straight male catalog no.	
1.69-1.81" (43.0-46.0mm)	<input type="checkbox"/> DC7001687	•
1.81-1.94" (46.0-49.3mm)	<input type="checkbox"/> DC7001812	•
1.94-2.06" (49.3-52.3mm)	<input type="checkbox"/> DC7001937	•
2.06-2.19" (52.3-55.6mm)	<input type="checkbox"/> DC7002062	•
2.19-2.31" (55.6-58.7mm)	<input type="checkbox"/> DC7002187	•
2.31-2.44" (58.7-62.0mm)	<input type="checkbox"/> DC7002312	•

### 3" NPT deluxe cord grips

Cord diameter	Straight male catalog no.	
1.69-1.81" (43.0-46.0mm)	<input type="checkbox"/> DC8001687	•
1.81-1.94" (46.0-49.3mm)	<input type="checkbox"/> DC8001812	•
1.94-2.06" (49.3-52.3mm)	<input type="checkbox"/> DC8001937	•
2.06-2.19" (52.3-55.6mm)	<input type="checkbox"/> DC8002062	•
2.19-2.31" (55.6-58.7mm)	<input type="checkbox"/> DC8002187	•
2.31-2.44" (58.7-62.0mm)	<input type="checkbox"/> DC8002312	•
2.44-2.63" (62.0-66.5mm)	<input type="checkbox"/> DC8002437	•
2.63-2.81" (66.5-71.4mm)	<input type="checkbox"/> DC8002625	•
2.81-3.00" (71.4-76.2mm)	<input type="checkbox"/> DC8002812	•
3.00-3.25" (76.2-82.6mm)	<input type="checkbox"/> DC8003000	•

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### Dust tight grips

#### Product description

Wide range - straight male NPT



#### Features & applications

- Provides secure cable termination and prevents cable pullout
- Absorbs longitudinal stresses placed on the point of termination caused by pulling or bending the cable
- Supplied with locknut, nylon insulated bushing and neoprene gasket to provide a dirt and dust free seal
- Constructed with steel mesh and aluminum threaded body adding to safety by extending cable life
- Wide range, single weave mesh construction
- Recommended for indoor use in wiring of enclosures, power boxes, machine tools and power centers



TCI254

#### Dust tight grips

Cord diameter	NPT	Non-insulated catalog no.		Insulated catalog no.	
0.22-0.32" (5.6-8.1mm)	1/2" (12.7mm)	<input type="checkbox"/> TCI124*	•	<input type="checkbox"/> TCI124	•
0.30-0.43" (7.6-10.9mm)	1/2" (12.7mm)	<input type="checkbox"/> TCI132*	•	<input type="checkbox"/> TCI132	•
0.40-0.54" (10.1-13.7mm)	1/2" (12.7mm)	<input type="checkbox"/> TCI143*	•	<input type="checkbox"/> TCI143	•
0.52-0.73" (13.2-18.5mm)	3/4" (19.0mm)	<input type="checkbox"/> TCI254*	•	<input type="checkbox"/> TCI254	•
0.70-0.97" (17.8-24.6mm)	1" (25.4mm)	<input type="checkbox"/> TCI373*	•	<input type="checkbox"/> TCI373	•
0.94-1.25" (23.8-31.8mm)	1-1/4" (31.8mm)	<input type="checkbox"/> TCI497*	•	<input type="checkbox"/> TCI497	•
1.20-1.50" (30.5-38.1mm)	1-1/2" (38.1mm)	—		<input type="checkbox"/> TCI5125	•
1.40-1.75" (38.1-44.5mm)	2" (50.8mm)	—		<input type="checkbox"/> TCI6150	•
1.62-2.00" (41.1-50.8mm)	2-1/2" (63.5mm)	—		<input type="checkbox"/> TCI7170	•
2.00-2.45" (50.8-62.2mm)	2-1/2" (63.5mm)	—		<input type="checkbox"/> TCI7200	•

\* Not UL Listed

### I-grips

#### Product description

Wire mesh I-grip


#### Features & applications

- Provides heavy duty strain relief and controls the bending arc on 2-wire, 3-wire, 4-wire and 5-wire Arrow Hart safety grip plug and connector cord assemblies
- Single weave wire mesh made of high strength galvanized steel
- Fast, easy installation. Eye tabs fit under the nylon cord clamps, screws slide through the tabs and secure the grip in place
- Ideal for portable equipment in industrial and commercial applications



I52

#### I-grips

Cord diameter	Mesh length	Catalog no.	
0.30-0.43" (7.6-10.9mm)	4.75" (120.6mm)	<input type="checkbox"/> I30	•
0.40-0.56" (10.1-14.2mm)	6.00" (152.4mm)	<input type="checkbox"/> I40	•
0.52-0.73" (13.2-18.5mm)	7.00" (177.8mm)	<input type="checkbox"/> I52	•
0.70-0.85" (17.8-21.6mm)	8.50" (215.9mm)	<input type="checkbox"/> I70	•
0.82-1.00" (20.8-25.4mm)	8.50" (215.9mm)	<input type="checkbox"/> I82	•
0.94-1.25" (23.9-31.8mm)	10.50" (266.7mm)	<input type="checkbox"/> I94	•

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## Liquid-tight grips

### Product description

For metallic flexible conduits, NPT

### Features & applications

- Liquid-tight grips are woven of stainless steel mesh with zinc plated steel or malleable iron bodies and nuts for corrosion resistance
- Available with straight body, 45 and 90 degree angle, male thread
- Each fitting is supplied with an insulated throat to provide conductor insulation and protect against damage by flexing, heat expansion and contraction
- Single weave wire mesh provides uniform arc of bend and corrosion resistance
- For indoor and outdoor use
- They are used to connect liquid-tight flexible conduit to electrical enclosures to prevent conduit pullout
- Liquid-tight grips are recommended in the wiring of motors and any electrical enclosure where liquid-tight conduit is subject to motion or strain






LTB100



LTB190

### Liquid-tight

NPT size	Mesh length	Straight male catalog no.		90° Male catalog no.		45° Male catalog no.	
3/8" (9.7mm)	2.63" (66.7mm)	<input type="checkbox"/> LTB000	•	<input type="checkbox"/> LTB090	•	<input type="checkbox"/> LTB045	•
1/2" (12.7mm)	3.88" (98.4mm)	<input type="checkbox"/> LTB100	•	<input type="checkbox"/> LTB190	•	<input type="checkbox"/> LTB145	•
3/4" (19.0mm)	4.38" (111.1mm)	<input type="checkbox"/> LTB200	•	<input type="checkbox"/> LTB290	•	<input type="checkbox"/> LTB245	•
1" (25.4mm)	5.25" (133.3mm)	<input type="checkbox"/> LTB300	•	<input type="checkbox"/> LTB390	•	<input type="checkbox"/> LTB345	•
1-1/4" (31.8mm)	5.63" (142.9mm)	<input type="checkbox"/> LTB400	•	<input type="checkbox"/> LTB490	•	<input type="checkbox"/> LTB445	•
1-1/2" (38.1mm)	5.75" (146.0mm)	<input type="checkbox"/> LTB500	•	<input type="checkbox"/> LTB590	•	<input type="checkbox"/> LTB545	•
2" (50.8mm)	7.50" (190.5mm)	<input type="checkbox"/> LTB600	•	<input type="checkbox"/> LTB690	•	<input type="checkbox"/> LTB645	•
2-1/2" (63.5mm)	9.63" (244.6mm)	<input type="checkbox"/> LTB700	•	<input type="checkbox"/> LTB790	•	<input type="checkbox"/> LTB745	•
3" (76.2mm)	10.63" (270.0mm)	<input type="checkbox"/> LTB800	•	<input type="checkbox"/> LTB890	•	<input type="checkbox"/> LTB845	•
4" (101.6mm)	12.0" (304.8mm)	<input type="checkbox"/> LTB900	•	<input type="checkbox"/> LTB990	•	<input type="checkbox"/> LTB945	•

## Strain relief - watertight grips

### Product description

Small & large body devices


### Features & applications

- Ideal for portable equipment in industrial and commercial applications
- Watertight cord grips are woven of stainless steel mesh with a stainless steel flange for corrosion resistance
- For use where cable or cord is exposed to moisture or where frequent washdown occurs. Ideal for food processing equipment, hand tools, pendant stations, pumps and compressors
- For use with Arrow Hart watertight plugs and connectors




WTM131

### Small body devices - 15/20A

Cord diameter	NPT	Catalog no.	
0.31-0.37" (7.9-9.5mm)	1/2"	<input type="checkbox"/> WTM131	•
0.38-0.44" (9.5-11.1mm)	1/2"	<input type="checkbox"/> WTM138	•
0.43-0.50" (10.9-12.7mm)	1/2"	<input type="checkbox"/> WTM143	•
0.50-0.56" (12.7-14.3mm)	1/2"	<input type="checkbox"/> WTM150	•
0.56-0.63" (14.3-15.9mm)	1/2"	<input type="checkbox"/> WTM156	•

### Large body devices - 20/30A

Cord diameter	NPT	Catalog no.	
0.50-0.63" (12.7-15.9mm)	1"	<input type="checkbox"/> WTM250	•
0.63-0.75" (15.9-19.1mm)	1"	<input type="checkbox"/> WTM263	•
0.75-0.88" (19.1-22.2mm)	1"	<input type="checkbox"/> WTM275	•
0.88-1.00" (22.2-25.4mm)	3/4"	<input type="checkbox"/> WTM288	•

Compliances, specifications and availability are subject to change without notice.

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# Support grips

## Support grips catalog numbering system

Standard duty, heavy duty, service drop & bus drop

### Support grips

**Support grips**  
sample number:  
**SGS250**

SG S 250																										
Grip type	Eye type/weave type	Cord diameter reference																								
<b>SG</b> = Standard support <b>SD</b> = Service drop support <b>BD</b> = Bus drop support	<b>S</b> = Closed mesh single eye <b>D</b> = Closed mesh double eye <b>O</b> = Closed mesh offset eye <b>U</b> = Closed mesh locking bale <b>SL</b> = Split lace single eye <b>DL</b> = Split lace double eye <b>OL</b> = Split lace offset eye <b>UL</b> = Split lace locking bale <b>SR</b> = Split rod single eye <b>DR</b> = Split rod double eye <b>OR</b> = Split rod offset eye <b>UR</b> = Split rod locking bale <b>TS</b> = Closed mesh single eye (heavy duty) <b>TD</b> = Closed mesh double eye (heavy duty) <b>TSL</b> = Split lace single eye (heavy duty) <b>TDL</b> = Split lace double eye (heavy duty) <b>S</b> = Closed mesh service drop (bus drop) <b>U</b> = Closed mesh locking bale (bus drop)	<table border="0"> <tr> <td><b>22</b> = .22-.32"</td> <td><b>75</b> = .75-.99"</td> </tr> <tr> <td><b>23</b> = .22-.32"</td> <td><b>82</b> = .82-1.00"</td> </tr> <tr> <td><b>30</b> = .30-.43"</td> <td><b>96</b> = .96-1.25"</td> </tr> <tr> <td><b>32</b> = .30-.43"</td> <td><b>100</b> = 1.00-1.24"</td> </tr> <tr> <td><b>41</b> = .41-.56"</td> <td><b>125</b> = 1.25-1.49"</td> </tr> <tr> <td><b>43</b> = .43-.56"</td> <td><b>150</b> = 1.50-1.74"</td> </tr> <tr> <td><b>50</b> = .50-.61"</td> <td><b>175</b> = 1.75-1.99"</td> </tr> <tr> <td><b>53</b> = .53-.73"</td> <td><b>200</b> = 2.00-2.49"</td> </tr> <tr> <td><b>56</b> = .56-.73"</td> <td><b>250</b> = 2.50-2.99"</td> </tr> <tr> <td><b>63</b> = .62-.74"</td> <td><b>300</b> = 3.00-3.49"</td> </tr> <tr> <td><b>70</b> = .70-.85"</td> <td><b>350</b> = 3.50-3.99"</td> </tr> <tr> <td><b>73</b> = .73-.97"</td> <td><b>400</b> = 4.00-4.49"</td> </tr> </table>	<b>22</b> = .22-.32"	<b>75</b> = .75-.99"	<b>23</b> = .22-.32"	<b>82</b> = .82-1.00"	<b>30</b> = .30-.43"	<b>96</b> = .96-1.25"	<b>32</b> = .30-.43"	<b>100</b> = 1.00-1.24"	<b>41</b> = .41-.56"	<b>125</b> = 1.25-1.49"	<b>43</b> = .43-.56"	<b>150</b> = 1.50-1.74"	<b>50</b> = .50-.61"	<b>175</b> = 1.75-1.99"	<b>53</b> = .53-.73"	<b>200</b> = 2.00-2.49"	<b>56</b> = .56-.73"	<b>250</b> = 2.50-2.99"	<b>63</b> = .62-.74"	<b>300</b> = 3.00-3.49"	<b>70</b> = .70-.85"	<b>350</b> = 3.50-3.99"	<b>73</b> = .73-.97"	<b>400</b> = 4.00-4.49"
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Compliances, specifications and availability are subject to change without notice.

## Standard duty

### Product description

Closed mesh  
Single & double eye grips

### Features & applications

- Standard closed mesh support grips are designed for loads up to 600 lbs. and vertical runs of no more than 100 ft. They are available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Double eye for use when cable is vertical and extends without bending
- Support grips will hold more than one cable
- Single eye for use when cable is vertical and for applications where cable bends
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance




SGS100




SGD100

### Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.62" (12.7-15.7mm)	7" (177.8mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGS50	•
0.62-0.74" (15.7-18.8mm)	8" (203.2mm)	11" (279.4mm)	960 lbs.	<input type="checkbox"/> SGS63	•
0.75-0.99" (19.1-25.1mm)	8" (203.2mm)	14" (355.6mm)	1,300 lbs.	<input type="checkbox"/> SGS75	•
1.00-1.24" (25.4-31.5mm)	9" (228.6mm)	15" (381.0mm)	1,680 lbs.	<input type="checkbox"/> SGS100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	16" (406.4mm)	1,680 lbs.	<input type="checkbox"/> SGS125	•
1.50-1.74" (38.1-44.2mm)	12" (304.8mm)	18" (457.2mm)	1,680 lbs.	<input type="checkbox"/> SGS150	•
1.75-1.99" (44.5-50.5mm)	14" (355.6mm)	20" (508.0mm)	2,640 lbs.	<input type="checkbox"/> SGS175	•
2.00-2.49" (50.8-63.2mm)	16" (406.4mm)	22" (558.8mm)	3,760 lbs.	<input type="checkbox"/> SGS200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,760 lbs.	<input type="checkbox"/> SGS250	•
3.00-3.49" (76.2-88.6mm)	21" (533.4mm)	26" (660.4mm)	5,040 lbs.	<input type="checkbox"/> SGS300	•
3.50-3.99" (88.9-101.3mm)	24" (609.6mm)	28" (711.2mm)	5,040 lbs.	<input type="checkbox"/> SGS350	•

### Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGD50	•
0.62-0.74" (15.7-18.8mm)	4" (101.6mm)	11" (279.4mm)	1,150 lbs.	<input type="checkbox"/> SGD63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	1,320 lbs.	<input type="checkbox"/> SGD75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,920 lbs.	<input type="checkbox"/> SGD100	•
1.25-1.49" (31.8-37.8mm)	5" (127.0mm)	16" (406.4mm)	1,920 lbs.	<input type="checkbox"/> SGD125	•
1.50-1.74" (38.1-44.2mm)	6" (152.4mm)	18" (457.2mm)	1,920 lbs.	<input type="checkbox"/> SGD150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	3,150 lbs.	<input type="checkbox"/> SGD175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,360 lbs.	<input type="checkbox"/> SGD200	•
2.50-2.99" (63.5-75.9mm)	6" (152.4mm)	24" (609.6mm)	3,360 lbs.	<input type="checkbox"/> SGD250	•
3.00-3.49" (76.2-88.6mm)	8" (203.2mm)	26" (660.4mm)	5,280 lbs.	<input type="checkbox"/> SGD300	•
3.50-3.99" (88.9-101.3mm)	8" (203.2mm)	28" (711.2mm)	5,280 lbs.	<input type="checkbox"/> SGD350	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

**Compliances, specifications and availability are subject to change without notice.**

 Indicates NAFTA compliant - Page Q-30



### Standard duty

#### Product description

Closed mesh  
Offset eye & locking bale grips

#### Features & applications

- Standard closed mesh support grips are designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Offset eye for use when offset positioning is required
- Locking bale attachment fits around beam or pipe and can be locked in place




SGO100




SGU100

#### Offset eye

Cord diameter	Bale length	Mesh length	Approx. break strength <sup>†</sup>	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGO50	•
0.62-0.74" (15.7-18.8mm)	4" (101.6mm)	11" (279.4mm)	960 lbs.	<input type="checkbox"/> SGO63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	960 lbs.	<input type="checkbox"/> SGO75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,680 lbs.	<input type="checkbox"/> SGO100	•
1.25-1.49" (31.8-37.8mm)	5" (127.0mm)	16" (406.4mm)	1,680 lbs.	<input type="checkbox"/> SGO125	•
1.50-1.74" (38.1-44.2mm)	5" (127.0mm)	18" (457.2mm)	1,680 lbs.	<input type="checkbox"/> SGO150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	2,640 lbs.	<input type="checkbox"/> SGO175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,760 lbs.	<input type="checkbox"/> SGO200	•
2.50-2.99" (63.5-75.9mm)	8" (203.2mm)	24" (609.6mm)	3,760 lbs.	<input type="checkbox"/> SGO250	•
3.00-3.49" (76.2-88.6mm)	9" (228.6mm)	26" (660.4mm)	5,040 lbs.	<input type="checkbox"/> SGO300	•
3.50-3.99" (88.9-101.3mm)	9" (228.6mm)	28" (711.2mm)	5,040 lbs.	<input type="checkbox"/> SGO350	•

#### Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength <sup>†</sup>	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	18" (457.2mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGU50	•
0.63-0.74" (16.0-18.8mm)	18" (457.2mm)	11" (279.4mm)	1,150 lbs.	<input type="checkbox"/> SGU63	•
0.75-0.99" (19.1-25.1mm)	18" (457.2mm)	14" (355.6mm)	1,320 lbs.	<input type="checkbox"/> SGU75	•
1.00-1.24" (25.4-31.5mm)	18" (457.2mm)	15" (381.0mm)	1,920 lbs.	<input type="checkbox"/> SGU100	•
1.25-1.49" (31.8-37.8mm)	18" (457.2mm)	16" (406.4mm)	1,920 lbs.	<input type="checkbox"/> SGU125	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	18" (457.2mm)	1,920 lbs.	<input type="checkbox"/> SGU150	•
1.75-1.99" (44.5-50.5mm)	18" (457.2mm)	20" (508.0mm)	3,150 lbs.	<input type="checkbox"/> SGU175	•
2.00-2.49" (50.8-63.2mm)	18" (457.2mm)	22" (558.8mm)	3,360 lbs.	<input type="checkbox"/> SGU200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,360 lbs.	<input type="checkbox"/> SGU250	•
3.00-3.49" (76.2-88.6mm)	18" (457.2mm)	26" (660.4mm)	5,280 lbs.	<input type="checkbox"/> SGU300	•
3.50-3.99" (88.9-101.3mm)	18" (457.2mm)	28" (711.2mm)	5,280 lbs.	<input type="checkbox"/> SGU350	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

**Compliances, specifications and availability are subject to change without notice.**

 Indicates NAFTA compliant - Page Q-30

## Standard duty

### Product description

Split lace  
Single & double eye grips

### Features & applications

- Split lace support grips are used when the end of the cable cannot easily be accessed and the support grip is intended for permanent installation
- Designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Single eye for use when cable is vertical and for applications where cable bends
- Double eye for use when cable is vertical and extends without bending




SGSL75




SGDL75

### Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7" (177.8mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGSL50	•
0.62-0.74" (15.7-18.8mm)	8" (203.2mm)	11" (279.4mm)	960 lbs.	<input type="checkbox"/> SGSL63	•
0.75-0.99" (19.1-25.1mm)	8" (203.2mm)	14" (355.6mm)	1,320 lbs.	<input type="checkbox"/> SGSL75	•
1.00-1.24" (25.4-31.5mm)	9" (228.6mm)	15" (381.0mm)	1,680 lbs.	<input type="checkbox"/> SGSL100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	16" (406.4mm)	1,680 lbs.	<input type="checkbox"/> SGSL125	•
1.50-1.74" (38.1-44.2mm)	12" (304.8mm)	18" (457.2mm)	1,680 lbs.	<input type="checkbox"/> SGSL150	•
1.75-1.99" (44.5-50.5mm)	14" (355.6mm)	20" (508.0mm)	2,640 lbs.	<input type="checkbox"/> SGSL175	•
2.00-2.49" (50.8-63.2mm)	16" (406.4mm)	22" (558.8mm)	3,760 lbs.	<input type="checkbox"/> SGSL200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,760 lbs.	<input type="checkbox"/> SGSL250	•
3.00-3.49" (76.2-88.6mm)	21" (533.4mm)	26" (660.4mm)	5,040 lbs.	<input type="checkbox"/> SGSL300	•
3.50-3.99" (88.9-101.3mm)	24" (609.6mm)	28" (711.2mm)	5,040 lbs.	<input type="checkbox"/> SGSL350	•

### Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.7mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGDL50	•
0.62-0.74" (15.7-18.8mm)	4" (101.6mm)	11" (279.4mm)	1,150 lbs.	<input type="checkbox"/> SGDL63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	1,320 lbs.	<input type="checkbox"/> SGDL75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,920 lbs.	<input type="checkbox"/> SGDL100	•
1.25-1.49" (31.8-37.9mm)	5" (127.0mm)	16" (406.4mm)	1,920 lbs.	<input type="checkbox"/> SGDL125	•
1.50-1.74" (38.1-44.2mm)	6" (152.4mm)	18" (457.2mm)	1,920 lbs.	<input type="checkbox"/> SGDL150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	3,150 lbs.	<input type="checkbox"/> SGDL175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,360 lbs.	<input type="checkbox"/> SGDL200	•
2.50-2.99" (63.5-75.9mm)	6" (152.4mm)	24" (609.6mm)	3,360 lbs.	<input type="checkbox"/> SGDL250	•
3.00-3.49" (76.2-88.6mm)	8" (203.2mm)	26" (660.4mm)	5,280 lbs.	<input type="checkbox"/> SGDL300	•
3.50-3.99" (88.9-101.3mm)	8" (203.2mm)	28" (711.2mm)	5,280 lbs.	<input type="checkbox"/> SGDL350	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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 Indicates NAFTA compliant - Page Q-30

### Standard duty

#### Product description

Split lace  
Offset eye & locking bale grips

#### Features & applications

- Split lace support grips are used when the end of the cable cannot easily be accessed and the support grip is intended for permanent installation
- Designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Offset eye for use when offset positioning is required.
- Locking bale attachment fits around beam or pipe and can be locked in place




SGOL100




SGUL100

#### Offset eye

Cord diameter	Bale length	Mesh length	Approx. break strength <sup>†</sup>	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGOL50	•
0.62-0.74" (15.7-18.8mm)	4" (101.6mm)	11" (279.4mm)	960 lbs.	<input type="checkbox"/> SGOL63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	960 lbs.	<input type="checkbox"/> SGOL75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,680 lbs.	<input type="checkbox"/> SGOL100	•
1.25-1.49" (31.8-37.8mm)	5" (127.0mm)	16" (406.4mm)	1,680 lbs.	<input type="checkbox"/> SGOL125	•
1.50-1.74" (38.1-44.2mm)	5" (127.0mm)	18" (457.2mm)	1,680 lbs.	<input type="checkbox"/> SGOL150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	2,640 lbs.	<input type="checkbox"/> SGOL175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,760 lbs.	<input type="checkbox"/> SGOL200	•
2.50-2.99" (63.5-75.9mm)	8" (203.2mm)	24" (609.6mm)	3,760 lbs.	<input type="checkbox"/> SGOL250	•
3.00-3.49" (76.2-88.6mm)	9" (228.6mm)	26" (660.4mm)	5,040 lbs.	<input type="checkbox"/> SGOL300	•
3.50-3.99" (88.9-101.3mm)	9" (228.6mm)	28" (711.2mm)	5,040 lbs.	<input type="checkbox"/> SGOL350	•

#### Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength <sup>†</sup>	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	18" (457.2mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGUL50	•
0.62-0.74" (15.7-18.8mm)	18" (457.2mm)	11" (279.4mm)	1,150 lbs.	<input type="checkbox"/> SGUL63	•
0.75-0.99" (19.1-25.1mm)	18" (457.2mm)	14" (355.6mm)	1,320 lbs.	<input type="checkbox"/> SGUL75	•
1.00-1.24" (25.4-31.5mm)	18" (457.2mm)	15" (381.0mm)	1,920 lbs.	<input type="checkbox"/> SGUL100	•
1.25-1.49" (31.8-37.9mm)	18" (457.2mm)	16" (406.4mm)	1,920 lbs.	<input type="checkbox"/> SGUL125	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	18" (457.2mm)	1,920 lbs.	<input type="checkbox"/> SGUL150	•
1.75-1.99" (44.5-50.5mm)	18" (457.2mm)	20" (508.0mm)	3,150 lbs.	<input type="checkbox"/> SGUL175	•
2.00-2.49" (50.8-63.2mm)	18" (457.2mm)	22" (558.8mm)	3,360 lbs.	<input type="checkbox"/> SGUL200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,360 lbs.	<input type="checkbox"/> SGUL250	•
3.00-3.49" (76.2-88.6mm)	18" (457.2mm)	26" (660.4mm)	5,280 lbs.	<input type="checkbox"/> SGUL300	•
3.50-3.99" (88.9-101.3mm)	18" (457.2mm)	28" (711.2mm)	5,280 lbs.	<input type="checkbox"/> SGUL350	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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## Standard duty

### Product description

Split rod  
Single & double eye grips

### Features & applications

- Split rod support grips are used when the end of the cable cannot be easily accessed and the installation is temporary
- Designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Single eye for use when cable is vertical and for applications where cable bends
- Double eye for use when cable is vertical and extends without bending




SGSR100




SGDR75

### Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7" (177.8mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGSR50	•
0.62-0.74" (15.7-18.8mm)	8" (203.2mm)	11" (279.4mm)	960 lbs.	<input type="checkbox"/> SGSR63	•
0.75-0.99" (19.1-25.1mm)	8" (203.2mm)	14" (355.6mm)	1,320 lbs.	<input type="checkbox"/> SGSR75	•
1.00-1.24" (25.4-31.5mm)	9" (228.6mm)	15" (381.0mm)	1,680 lbs.	<input type="checkbox"/> SGSR100	•
1.25-1.49" (31.8-37.9mm)	10" (254.0mm)	16" (406.4mm)	1,680 lbs.	<input type="checkbox"/> SGSR125	•
1.50-1.74" (38.1-44.2mm)	12" (304.8mm)	18" (457.2mm)	1,680 lbs.	<input type="checkbox"/> SGSR150	•
1.75-1.99" (44.5-50.5mm)	14" (355.6mm)	20" (508.0mm)	2,640 lbs.	<input type="checkbox"/> SGSR175	•
2.00-2.49" (50.8-63.2mm)	16" (406.4mm)	22" (558.8mm)	3,760 lbs.	<input type="checkbox"/> SGSR200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,760 lbs.	<input type="checkbox"/> SGSR250	•
3.00-3.49" (76.2-88.6mm)	21" (533.4mm)	26" (660.4mm)	5,040 lbs.	<input type="checkbox"/> SGSR300	•
3.50-3.99" (88.9-101.3mm)	24" (609.6mm)	28" (711.2mm)	5,040 lbs.	<input type="checkbox"/> SGSR350	•

### Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.7mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGDR50	•
0.63-0.74" (16.0-18.8mm)	4" (101.6mm)	11" (279.4mm)	1,150 lbs.	<input type="checkbox"/> SGDR63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	1,320 lbs.	<input type="checkbox"/> SGDR75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,920 lbs.	<input type="checkbox"/> SGDR100	•
1.25-1.49" (31.8-37.9mm)	5" (127.0mm)	16" (406.4mm)	1,920 lbs.	<input type="checkbox"/> SGDR125	•
1.50-1.74" (38.1-44.2mm)	6" (152.4mm)	18" (457.2mm)	1,920 lbs.	<input type="checkbox"/> SGDR150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	3,150 lbs.	<input type="checkbox"/> SGDR175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,360 lbs.	<input type="checkbox"/> SGDR200	•
2.50-2.99" (63.5-75.9mm)	6" (152.4mm)	24" (609.6mm)	3,360 lbs.	<input type="checkbox"/> SGDR250	•
3.00-3.49" (76.2-88.6mm)	8" (203.2mm)	26" (660.4mm)	5,280 lbs.	<input type="checkbox"/> SGDR300	•
3.50-3.99" (88.9-101.3mm)	8" (203.2mm)	28" (711.2mm)	5,280 lbs.	<input type="checkbox"/> SGDR350	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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### Standard duty

#### Product description

Split rod  
Offset eye & locking bale grips



SGOR63




SGUR100


#### Features & applications

- Split rod support grips are used when the end of the cable cannot be easily accessed and the installation is temporary
- Designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- They are available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Offset eye for use when offset positioning is required
- Locking bale attachment fits around beam or pipe and can be locked in place

#### Offset eye

Cord diameter	Bale length	Mesh length	Approx. break strength <sup>†</sup>	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGOR50	•
0.62-0.74" (16.0-18.8mm)	4" (101.6mm)	11" (279.4mm)	960 lbs.	<input type="checkbox"/> SGOR63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	960 lbs.	<input type="checkbox"/> SGOR75	•
1.00-1.24" (28.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,680 lbs.	<input type="checkbox"/> SGOR100	•
1.25-1.49" (31.8-37.9mm)	5" (127.0mm)	16" (406.4mm)	1,680 lbs.	<input type="checkbox"/> SGOR125	•
1.50-1.74" (38.1-44.2mm)	5" (127.0mm)	18" (457.2mm)	1,680 lbs.	<input type="checkbox"/> SGOR150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	2,640 lbs.	<input type="checkbox"/> SGOR175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,760 lbs.	<input type="checkbox"/> SGOR200	•
2.50-2.99" (63.5-75.9mm)	8" (203.2mm)	24" (609.6mm)	3,760 lbs.	<input type="checkbox"/> SGOR250	•
3.00-3.49" (76.2-88.6mm)	9" (228.6mm)	26" (660.4mm)	5,040 lbs.	<input type="checkbox"/> SGOR300	•
3.50-3.99" (88.9-101.3mm)	9" (228.6mm)	28" (711.2mm)	5,040 lbs.	<input type="checkbox"/> SGOR350	•

#### Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength <sup>†</sup>	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	18" (457.2mm)	11" (279.4mm)	770 lbs.	<input type="checkbox"/> SGUR50	•
0.63-0.74" (16.0-18.8mm)	18" (457.2mm)	11" (279.4mm)	1,150 lbs.	<input type="checkbox"/> SGUR63	•
0.75-0.99" (19.1-25.1mm)	18" (457.2mm)	14" (355.6mm)	1,320 lbs.	<input type="checkbox"/> SGUR75	•
1.00-1.24" (28.4-31.5mm)	18" (457.2mm)	15" (381.0mm)	1,920 lbs.	<input type="checkbox"/> SGUR100	•
1.25-1.49" (31.8-37.9mm)	18" (457.2mm)	16" (406.4mm)	1,920 lbs.	<input type="checkbox"/> SGUR125	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	18" (457.2mm)	1,920 lbs.	<input type="checkbox"/> SGUR150	•
1.75-1.99" (44.5-50.5mm)	18" (457.2mm)	20" (508.0mm)	3,150 lbs.	<input type="checkbox"/> SGUR175	•
2.00-2.49" (50.8-63.2mm)	18" (457.2mm)	22" (558.8mm)	3,360 lbs.	<input type="checkbox"/> SGUR200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,360 lbs.	<input type="checkbox"/> SGUR250	•
3.00-3.49" (76.2-88.6mm)	18" (457.2mm)	26" (660.4mm)	5,280 lbs.	<input type="checkbox"/> SGUR300	•
3.50-3.99" (88.9-101.3mm)	18" (457.2mm)	28" (711.2mm)	5,280 lbs.	<input type="checkbox"/> SGUR350	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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## Heavy duty

### Product description

Closed mesh  
Single & double eye grips


### Features & applications

- Heavy duty support grips feature a double weave mesh and are available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Support grips are woven of corrosion resistant tinned-bronze wire
- Permanent support of heavy loads and long runs of vertically hung cables, hose, tubing and metal rods
- Poles, towers, buildings, elevators, mine shafts and other structures
- Single eye for use when cable is vertical and for applications where cable bends
- Double eye for use when cable is vertical and extends without bending




SGTS100

### Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	26" (660.4mm)	2,700 lbs.	□ SGTS75	•
1.00-1.24" (25.4-31.5mm)	10" (254.0mm)	29" (736.6mm)	4,720 lbs.	□ SGTS100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	31" (787.4mm)	4,720 lbs.	□ SGTS125	•
1.50-1.99" (38.1-50.5mm)	10" (254.0mm)	35" (889.0mm)	4,720 lbs.	□ SGTS150	•

### Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	26" (660.4mm)	2,700 lbs.	□ SGTD75	•
1.00-1.24" (25.4-31.5mm)	10" (254.0mm)	29" (736.6mm)	4,720 lbs.	□ SGTD100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	31" (787.4mm)	4,720 lbs.	□ SGTD125	•
1.50-1.99" (38.1-50.5mm)	10" (254.0mm)	35" (889.0mm)	4,720 lbs.	□ SGTD150	•
2.00-2.49" (50.8-63.2mm)	10" (254.0mm)	37" (989.8mm)	10,080 lbs.	□ SGTD200	•
2.50-2.99" (63.5-75.9mm)	10" (254.0mm)	39" (990.6mm)	10,080 lbs.	□ SGTD250	•
3.00-3.49" (76.2-88.6mm)	10" (254.0mm)	41" (1041.4mm)	10,080 lbs.	□ SGTD300	•
3.50-3.99" (88.9-101.3mm)	10" (254.0mm)	45" (1143.0mm)	13,120 lbs.	□ SGTD350	•
4.00-4.49" (101.6-114.0mm)	10" (254.0mm)	47" (1193.8mm)	13,120 lbs.	□ SGTD400	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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### Heavy duty

#### Product description

Split lace  
Single & double eye grips

#### Features & applications

- Split lace support grips are used when the end of the cable cannot easily be accessed and the support grip is intended for permanent installation
- Permanent support of heavy loads and long runs of vertically hung cables, hose, tubing and metal rods
- Poles, towers, buildings, elevators, mine shafts and other structures
- Single eye for use when cable is vertical and for applications where cable bends
- Double eye for use when cable is vertical and extends without bending








SGTSL100













SGTDL100

#### Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength <sup>†</sup>	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	26" (660.4mm)	2,700 lbs.	<input type="checkbox"/> SGTSL75	
1.00-1.24" (25.4-31.5mm)	10" (254.0mm)	29" (736.6mm)	4,720 lbs.	<input type="checkbox"/> SGTSL100	
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	31" (787.4mm)	4,720 lbs.	<input type="checkbox"/> SGTSL125	
1.50-1.99" (38.1-50.5mm)	10" (254.0mm)	35" (889.0mm)	4,720 lbs.	<input type="checkbox"/> SGTSL150	

#### Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength <sup>†</sup>	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	26" (660.4mm)	2,700 lbs.	<input type="checkbox"/> SGTDL75	
1.00-1.24" (25.4-31.5mm)	10" (254.0mm)	29" (736.6mm)	4,720 lbs.	<input type="checkbox"/> SGTDL100	
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	31" (787.4mm)	4,720 lbs.	<input type="checkbox"/> SGTDL125	
1.50-1.99" (38.1-50.5mm)	10" (254.0mm)	35" (889.0mm)	4,720 lbs.	<input type="checkbox"/> SGTDL150	
2.00-2.49" (50.8-63.2mm)	10" (254.0mm)	37" (939.8mm)	10,080 lbs.	<input type="checkbox"/> SGTDL200	
2.50-2.99" (63.5-75.9mm)	10" (254.0mm)	39" (990.6mm)	10,080 lbs.	<input type="checkbox"/> SGTDL250	
3.00-3.49" (76.2-88.6mm)	10" (254.0mm)	41" (1041.4mm)	10,080 lbs.	<input type="checkbox"/> SGTDL300	
3.50-3.99" (88.9-101.3mm)	10" (254.0mm)	45" (1143.0mm)	13,120 lbs.	<input type="checkbox"/> SGTDL350	
4.00-4.49" (101.6-114.0mm)	10" (254.0mm)	47" (1193.8mm)	13,120 lbs.	<input type="checkbox"/> SGTDL400	

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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## Service drop

### Product description

Closed mesh  
Single eye & locking bale grips




SDS32


### Features & applications

- Service drop grips provide support for utility distribution lines from service pole to building or from pole to pole
- They are woven from tinned-bronze wire to provide superior corrosion resistance and are available in single eye and locking bale configurations
- They can also be used for cable TV and fiber optic cable support
- 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 grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.22-0.32" (5.6-8.1mm)	4" (101.6mm)	4" (101.6mm)	290 lbs.	<input type="checkbox"/> SDS23	•
0.30-0.43" (7.6-10.1mm)	5" (127.0mm)	5" (127.0mm)	500 lbs.	<input type="checkbox"/> SDS32	•
0.41-0.56" (10.4-14.2mm)	6" (152.4mm)	5" (127.0mm)	500 lbs.	<input type="checkbox"/> SDS43	•
0.53-0.73" (13.4-18.5mm)	8" (203.2mm)	8" (203.2mm)	790 lbs.	<input type="checkbox"/> SDS56	•
0.70-0.97" (17.8-24.6mm)	8" (203.2mm)	9" (228.6mm)	1,020 lbs.	<input type="checkbox"/> SDS73	•
0.94-1.25" (23.8-31.8mm)	10" (254.0mm)	11" (279.4mm)	1,020 lbs.	<input type="checkbox"/> SDS100	•

### Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.22-0.32" (5.6-8.1mm)	10" (254.0mm)	4" (101.6mm)	290 lbs.	<input type="checkbox"/> SDU23	•
0.30-0.43" (7.6-10.1mm)	11" (279.4mm)	5" (127.0mm)	500 lbs.	<input type="checkbox"/> SDU32	•
0.43-0.56" (10.1-14.2mm)	12" (304.8mm)	5" (127.0mm)	500 lbs.	<input type="checkbox"/> SDU43	•
0.56-0.73" (14.2-18.5mm)	14" (355.6mm)	8" (203.2mm)	790 lbs.	<input type="checkbox"/> SDU56	•
0.73-0.97" (18.5-24.6mm)	14" (355.6mm)	9" (228.6mm)	1,020 lbs.	<input type="checkbox"/> SDU73	•
1.00-1.25" (23.8-31.8mm)	16" (406.4mm)	11" (379.4mm)	1,020 lbs.	<input type="checkbox"/> SDU100	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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### Bus drop

#### Product description

Closed mesh  
Single eye & locking bale grips

#### Features & applications

- Bus drop grips are woven of galvanized steel wire
- Relieve any direct tension from the critical connection and absorb vibration and flexing
- Offered with either the single eye or locking bale attachment
- Bus drop grips are used as cable support from bus duct
- Optional bus drop safety spring can be used with single eye type of disassembling draw bar from coil, placing through eye loop and replacing draw bar
- 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




BDS53




BDU53

#### Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.22-0.32" (5.6-8.1mm)	9" (228.6mm)	3.5" (88.9mm)	1,100 lbs.	<input type="checkbox"/> BDS22	•
0.30-0.43" (7.6-10.9mm)	9" (228.6mm)	4.5" (114.3mm)	1,100 lbs.	<input type="checkbox"/> BDS30	•
0.41-0.56" (10.4-14.2mm)	9" (228.6mm)	5.0" (127.0mm)	1,100 lbs.	<input type="checkbox"/> BDS41	•
0.53-0.73" (13.5-18.5mm)	9" (228.6mm)	6.5" (165.1mm)	1,100 lbs.	<input type="checkbox"/> BDS53	•
0.70-0.85" (17.8-21.6mm)	9" (228.6mm)	8.5" (215.9mm)	1,900 lbs.	<input type="checkbox"/> BDS70	•
0.82-1.00" (20.8-25.4mm)	9" (228.6mm)	8.5" (215.9mm)	1,900 lbs.	<input type="checkbox"/> BDS82	•
0.96-1.25" (24.4-31.8mm)	9" (228.6mm)	11.0" (279.4mm)	1,900 lbs.	<input type="checkbox"/> BDS96	•

#### Locking bale grips

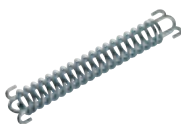
Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.22-0.32" (5.6-8.1mm)	12" (304.8mm)	3.5" (88.9mm)	1,100 lbs.	<input type="checkbox"/> BDU22	•
0.30-0.43" (7.6-10.9mm)	12" (304.8mm)	4.5" (114.3mm)	1,100 lbs.	<input type="checkbox"/> BDU30	•
0.41-0.56" (10.4-14.2mm)	12" (304.8mm)	5.0" (127.0mm)	1,100 lbs.	<input type="checkbox"/> BDU41	•
0.53-0.73" (13.5-18.5mm)	15" (381.0mm)	6.5" (165.1mm)	1,100 lbs.	<input type="checkbox"/> BDU53	•
0.70-0.85" (17.8-21.6mm)	16" (406.4mm)	8.5" (215.9mm)	1,900 lbs.	<input type="checkbox"/> BDU70	•
0.82-1.00" (20.8-25.4mm)	16" (406.4mm)	8.5" (215.9mm)	1,900 lbs.	<input type="checkbox"/> BDU82	•
0.96-1.25" (24.4-31.8mm)	17" (431.8mm)	11.0" (279.4mm)	1,900 lbs.	<input type="checkbox"/> BDU96	•

#### Accessories for support grips: service drop & bus drop, closed mesh grips

Description	<input type="checkbox"/>	
Safety spring, 40 lbs. load	<input type="checkbox"/> B2001	•
Safety spring, 80 lbs. load	<input type="checkbox"/> B2002	•



B2001



B2002

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.

Consult factory for price and availability.

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# Pulling grips

## Pulling grips catalog numbering system

Junior duty, light duty, medium duty, heavy duty,  
multi-weave & slack weave

## Pulling grips

**Pulling grips**  
sample number:  
**SKR40052**

<b>SKR 400 52</b>		
Grip type	Cord diameter reference	Bale length
<b>LPJ</b> = Junior duty, flexible eye	<b>25</b> = .25-.36"	<b>11</b> = 11"
<b>LP</b> = Light duty, flexible eye	<b>37</b> = .37-.49"	<b>12</b> = 13"
<b>MP</b> = Medium duty, flexible eye	<b>50</b> = .50-.61"	<b>13</b> = 14"
<b>PH</b> = Heavy duty, rotating eye	<b>62</b> = .62-.74"	<b>14</b> = 14" or 15"
<b>PMR</b> = Multi weave, rotating eye	<b>75</b> = .75-.99"	<b>15</b> = 16"
<b>PMF</b> = Multi weave, flexible eye	<b>100</b> = 1.00-1.25"	<b>16</b> = 16" or 17"
<b>SKT</b> = Slack, double weave, closed mesh	<b>125</b> = 1.25-1.49"	<b>17</b> = 18"
<b>SKTL</b> = Slack, double weave, split lace	<b>150</b> = 1.50-1.74"	<b>18</b> = 19"
<b>SKR</b> = Slack, single weave, split rod	<b>175</b> = 1.75-1.99"	<b>19</b> = 20"
	<b>200</b> = 2.00-2.49"	<b>20</b> = 20" or 21"
	<b>250</b> = 2.50-2.99"	<b>21</b> = 21" or 22"
	<b>300</b> = 3.00-3.49"	<b>23</b> = 24" or 25"
	<b>350</b> = 3.50-3.99"aa	<b>24</b> = 24"
	<b>400</b> = 4.00-4.49"	<b>25</b> = 25" or 26"
	<b>450</b> = 4.50-4.99"	<b>26</b> = 26" or 27"
	<b>500</b> = 5.00-5.99"	<b>27</b> = 27" or 28"
	<b>600</b> = 6.00-6.99"	<b>28</b> = 28"
		<b>30</b> = 30"
		<b>32</b> = 32" or 33"
		<b>33</b> = 33"
		<b>34</b> = 34"
		<b>35</b> = 36"
		<b>36</b> = 36"
		<b>38</b> = 38"
		<b>39</b> = 39"
		<b>41</b> = 41"
		<b>42</b> = 42"
		<b>52</b> = 52"
		<b>54</b> = 54"
		<b>56</b> = 56"
		<b>58</b> = 58"
		<b>60</b> = 60"
		<b>66</b> = 66"



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www.eaton.com  
www.eaton.com/arrowhart

### Junior duty

#### Product description

Flexible eye


#### Features & applications

- Single weave variable mesh automatically adjusts its grip to the load providing non-slip pulling and protects cable insulation from damage
- They are woven from tinned-bronze wire to provide superior corrosion resistance and are available in single eye and locking bale configurations
- Junior duty series grips are indispensable tools for electricians with small job requirements
- Used in industrial plants, commercial buildings, utility work and light duty underground transmission line stringing
- Junior pulling grips designed for pulling insulated building wire through conduit where pulling tensions are low and to connect a bundle of insulated building wire to a pulling tape



LPJ62

#### Flexible eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.25-0.36" (3.4-9.1mm)	5" (127.0mm)	1,700 lbs.	□ LPJ25	•
0.37-0.49" (9.4-12.4mm)	7" (177.8mm)	1,700 lbs.	□ LPJ37	•
0.50-0.61" (12.7-15.5mm)	8" (203.2mm)	1,700 lbs.	□ LPJ50	•
0.62-0.74" (15.7-19.0mm)	10" (254.0mm)	2,800 lbs.	□ LPJ62	•
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	4,100 lbs.	□ LPJ75	•
1.00-1.25" (25.4-31.8mm)	12" (304.8mm)	4,100 lbs.	□ LPJ100	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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## Light duty

### Product description

Short & standard length, flexible eye

### Features & applications

- Single weave variable mesh automatically adjusts its grip to the load providing non-slip pulling and protects cable insulation from damage
- They are woven from tinned-bronze wire to provide superior corrosion resistance and are available in single eye and locking bale configurations
- Light duty grips are the most economical pulling grips for many applications, such as industrial plant wiring and rewiring and underground electrical pulls
- Used in industrial plants, commercial buildings, utility work and light duty underground transmission line stringing




LP7512




LP7520

### Short length, flexible eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	11" (279.4mm)	3,400 lbs.	<input type="checkbox"/> LP5011	•
0.62-0.74" (15.7-18.8mm)	11" (279.4mm)	4,100 lbs.	<input type="checkbox"/> LP6211	•
0.75-0.99" (19.1-25.1mm)	13" (330.2mm)	4,100 lbs.	<input type="checkbox"/> LP7512	•
1.00-1.24" (25.4-31.5mm)	14" (355.6mm)	5,800 lbs.	<input type="checkbox"/> LP10013	•
1.25-1.49" (31.8-37.8mm)	15" (381.0mm)	5,800 lbs.	<input type="checkbox"/> LP12514	•
1.50-1.74" (38.1-44.2mm)	16" (406.4mm)	7,500 lbs.	<input type="checkbox"/> LP15015	•
1.75-1.99" (44.5-50.5mm)	18" (457.2mm)	10,000 lbs.	<input type="checkbox"/> LP17517	•
2.00-2.49" (50.8-63.2mm)	19" (482.6mm)	10,000 lbs.	<input type="checkbox"/> LP20018	•
2.50-2.99" (63.5-75.9mm)	19" (482.6mm)	13,000 lbs.	<input type="checkbox"/> LP25018	•

### Standard length, flexible eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	16" (406.4mm)	3,400 lbs.	<input type="checkbox"/> LP5016	•
0.62-0.74" (15.7-18.8mm)	16" (406.4mm)	4,100 lbs.	<input type="checkbox"/> LP6216	•
0.75-0.99" (19.1-25.1mm)	20" (508.0mm)	4,100 lbs.	<input type="checkbox"/> LP7520	•
1.00-1.24" (25.4-31.5mm)	20" (508.0mm)	7,500 lbs.	<input type="checkbox"/> LP10020	•
1.25-1.49" (31.8-37.8mm)	22" (558.8mm)	7,500 lbs.	<input type="checkbox"/> LP12521	•
1.50-1.99" (38.1-50.5mm)	25" (635.0mm)	7,500 lbs.	<input type="checkbox"/> LP15023	•
2.00-2.49" (50.8-63.2mm)	26" (660.4mm)	10,000 lbs.	<input type="checkbox"/> LP20025	•
2.50-2.99" (63.5-75.9mm)	28" (711.2mm)	13,000 lbs.	<input type="checkbox"/> LP25027	•
3.00-3.49" (76.2-88.6mm)	30" (762.0mm)	13,200 lbs.	<input type="checkbox"/> LP30030	•
3.50-3.99" (88.9-101.3mm)	32" (812.8mm)	19,400 lbs.	<input type="checkbox"/> LP35032	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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### Medium duty

#### Product description

Short, standard & long length, flexible eye

#### Features & applications

- Medium duty pulling grips are hand crafted with single weave strands that graduate to a double weave design for added strength and durability
- Variable mesh automatically adjusts its grip to the load providing non-slip pulling and protects cable insulation from damage
- These grips are woven in galvanized steel
- Used in industrial plants, commercial buildings and utility work
- Recommended for heavy or rugged applications and are ideally suited for overhead and underground pulling installations at an economical price



MP25024




MP25036




MP25048


#### Short length, flexible eye, T-type

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7/32" (0.2mm)	21" (533.4mm)	4,500 lbs.	<input type="checkbox"/> MP5021	•
0.62-0.74" (15.7-18.8mm)	1/4" (6.4mm)	24" (609.6mm)	5,600 lbs.	<input type="checkbox"/> MP6224	•
0.75-0.99" (19.1-25.1mm)	1/4" (6.4mm)	24" (609.6mm)	6,800 lbs.	<input type="checkbox"/> MP7524	•
1.00-1.49" (25.4-37.8mm)	5/16" (7.9mm)	24" (609.6mm)	9,600 lbs.	<input type="checkbox"/> MP10024	•
1.50-1.99" (38.1-50.2mm)	7/16" (11.1mm)	24" (609.6mm)	16,400 lbs.	<input type="checkbox"/> MP15024	•
2.00-2.49" (50.8-63.2mm)	7/16" (11.1mm)	24" (609.6mm)	18,500 lbs.	<input type="checkbox"/> MP20024	•
2.50-2.99" (63.5-75.9mm)	1/2" (12.7mm)	24" (609.6mm)	24,500 lbs.	<input type="checkbox"/> MP25024	•
3.00-3.49" (76.2-88.6mm)	1/2" (12.7mm)	24" (609.6mm)	24,500 lbs.	<input type="checkbox"/> MP30024	•
3.50-3.99" (88.9-101.3mm)	5/8" (15.9mm)	26" (660.4mm)	31,000 lbs.	<input type="checkbox"/> MP35026	•

#### Standard length, flexible eye, T-type

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	1/4" (6.4mm)	36" (914.4mm)	6,800 lbs.	<input type="checkbox"/> MP7536	•
1.00-1.49" (25.4-37.8mm)	5/16" (7.9mm)	36" (914.4mm)	9,600 lbs.	<input type="checkbox"/> MP10036	•
1.50-1.99" (38.1-50.2mm)	7/16" (11.1mm)	36" (914.4mm)	16,400 lbs.	<input type="checkbox"/> MP15036	•
2.00-2.49" (50.8-63.2mm)	7/16" (11.1mm)	36" (914.4mm)	18,500 lbs.	<input type="checkbox"/> MP20036	•
2.50-2.99" (63.2-70.9mm)	1/2" (12.7mm)	36" (914.4mm)	24,500 lbs.	<input type="checkbox"/> MP25036	•
3.00-3.49" (76.2-88.6mm)	1/2" (12.7mm)	36" (914.4mm)	24,500 lbs.	<input type="checkbox"/> MP30036	•
3.50-3.99" (88.9-101.3mm)	5/8" (15.9mm)	36" (914.4mm)	31,000 lbs.	<input type="checkbox"/> MP35036	•

#### Long length, flexible eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	48" (1219.2mm)	8,100 lbs.	<input type="checkbox"/> MP7548	•
1.00-1.49" (25.4-37.8mm)	48" (1219.2mm)	11,600 lbs.	<input type="checkbox"/> MP10048	•
1.50-1.99" (38.1-50.2mm)	48" (1219.2mm)	19,400 lbs.	<input type="checkbox"/> MP15048	•
2.00-2.49" (50.8-63.2mm)	48" (1219.2mm)	19,400 lbs.	<input type="checkbox"/> MP20048	•
2.50-2.99" (63.2-70.9mm)	48" (1219.2mm)	25,900 lbs.	<input type="checkbox"/> MP25048	•
3.00-3.49" (76.2-88.6mm)	48" (1219.2mm)	25,900 lbs.	<input type="checkbox"/> MP30048	•
3.50-3.99" (88.9-101.3mm)	48" (1219.2mm)	32,400 lbs.	<input type="checkbox"/> MP35048	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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## Heavy duty

### Product description

Short & standard length, rotating eye, K-type

### Features & applications

- K-type pulling grips feature a double weave of galvanized steel for greater strength and added mesh contact with the cable as well as a forged steel compact rotating eye, which can be attached to a swivel
- They are designed to handle longer or heavier pulling jobs such as an installation of underground cables, communication lines and service lines
- Double weave variable mesh design provides added strength and greater mesh contact on the cable
- Used in factories, construction sites and utility work




PH7520




PH7532

### Short length, rotating eye, K-type

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7/8" (22.2mm)	11" (279.4mm)	5,600 lbs.	<input type="checkbox"/> PH5011	•
0.62-0.74" (15.7-18.8mm)	7/8" (22.2mm)	11" (279.4mm)	6,800 lbs.	<input type="checkbox"/> PH6211	•
0.75-0.99" (19.1-25.1mm)	1" (25.4mm)	20" (508.0mm)	9,600 lbs.	<input type="checkbox"/> PH7520	•
1.00-1.49" (25.4-37.8mm)	1-3/8" (34.9mm)	20" (508.0mm)	16,400 lbs.	<input type="checkbox"/> PH10020	•
1.25-1.49" (31.8-37.8mm)	1-3/8" (34.9mm)	21" (533.4mm)	16,400 lbs.	<input type="checkbox"/> PH12521	•
1.50-1.99" (38.1-50.2mm)	1-5/8" (41.3mm)	25" (635.0mm)	27,200 lbs.	<input type="checkbox"/> PH15025	•
2.00-2.49" (50.8-63.2mm)	1-7/8" (47.6mm)	26" (660.4mm)	33,000 lbs.	<input type="checkbox"/> PH20026	•
2.50-2.99" (63.5-75.9mm)	1-7/8" (47.6mm)	28" (711.2mm)	41,000 lbs.	<input type="checkbox"/> PH25028	•
3.00-3.49" (76.2-88.6mm)	1-7/8" (47.6mm)	30" (762.0mm)	48,000 lbs.	<input type="checkbox"/> PH30030	•
3.50-3.99" (88.9-101.3mm)	1-7/8" (47.6mm)	32" (812.8mm)	48,000 lbs.	<input type="checkbox"/> PH35032	•
4.00-4.49" (101.6-114.0mm)	1-7/8" (47.6mm)	33" (838.2mm)	48,000 lbs.	<input type="checkbox"/> PH40033	•

### Standard length, rotating eye, K-type

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7/8" (22.2mm)	16" (406.4mm)	5,600 lbs.	<input type="checkbox"/> PH5016	•
0.62-0.74" (15.7-18.8mm)	7/8" (22.2mm)	16" (406.4mm)	6,800 lbs.	<input type="checkbox"/> PH6216	•
0.75-0.99" (19.1-25.1mm)	1" (25.4mm)	32" (812.8mm)	9,600 lbs.	<input type="checkbox"/> PH7532	•
1.00-1.24" (20.4-31.5mm)	1-3/8" (34.9mm)	33" (838.2mm)	16,400 lbs.	<input type="checkbox"/> PH10033	•
1.50-1.99" (38.1-50.2mm)	1-3/8" (34.9mm)	34" (863.8mm)	16,400 lbs.	<input type="checkbox"/> PH15034	•
2.00-2.49" (50.8-63.2mm)	1-5/8" (41.3mm)	36" (914.4mm)	27,200 lbs.	<input type="checkbox"/> PH20036	•
2.50-2.99" (63.5-75.9mm)	1-7/8" (47.6mm)	38" (968.2mm)	33,000 lbs.	<input type="checkbox"/> PH25038	•
3.00-3.49" (76.2-88.6mm)	1-7/8" (47.6mm)	39" (990.6mm)	41,000 lbs.	<input type="checkbox"/> PH30039	•
3.50-3.99" (88.9-101.3mm)	1-7/8" (47.6mm)	41" (1041.4mm)	48,000 lbs.	<input type="checkbox"/> PH35041	•
4.00-4.49" (101.6-114.0mm)	1-7/8" (47.6mm)	42" (1066.8mm)	48,000 lbs.	<input type="checkbox"/> PH40042	•
4.50-4.99" (114.3-126.8mm)	1-7/8" (47.6mm)	58" (1473.2mm)	48,000 lbs.	<input type="checkbox"/> PH45058	•
5.00-5.99" (127.0-152.1mm)	1-7/8" (47.6mm)	60" (1524.0mm)	48,000 lbs.	<input type="checkbox"/> PH50060	•
6.00-6.99" (152.4-177.6mm)	1-7/8" (47.6mm)	66" (1676.4mm)	48,000 lbs.	<input type="checkbox"/> PH60066	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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### Multi-weave

#### Product description

Rotating & flexible eye


#### Features & applications

- 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
- The forged steel rotating eye will thread through sheaves and blocks without binding, but is not a swivel and will not turn under tension
- Multi-weave pulling grips are available with a flexible or rotating eye, which can be attached to a swivel
- The rotating eye can turn to relieve pulling torque when tension is relaxed
- These grips are used in applications such as distribution line stringing and overhead transmission




PMF12556

#### Rotating eye

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.25-0.49" (6.4-12.5mm)	7/8" (22.2mm)	26" (660.4mm)	6,800 lbs.	<input type="checkbox"/> PMR2526	•
0.50-0.74" (12.7-18.8mm)	1" (25.4mm)	32" (812.8mm)	10,000 lbs.	<input type="checkbox"/> PMR5032	•
0.75-0.99" (19.1-25.1mm)	1" (25.4mm)	41" (1041.4mm)	14,400 lbs.	<input type="checkbox"/> PMR7541	•
1.00-1.24" (25.4-31.8mm)	1-3/8" (34.9mm)	52" (1320.8mm)	24,600 lbs.	<input type="checkbox"/> PMR10052	•
1.25-1.49" (31.8-37.8mm)	1-5/8" (41.3mm)	56" (1422.4mm)	30,600 lbs.	<input type="checkbox"/> PMR12556	•
1.50-1.74" (38.1-44.2mm)	1-7/8" (47.6mm)	60" (1524.0mm)	30,600 lbs.	<input type="checkbox"/> PMR15060	•
2.00-2.49" (50.8-63.3mm)	1-7/8" (47.6mm)	50" (1270.0mm)	48,000 lbs.	<input type="checkbox"/> PMR20050	•
2.50-2.99" (63.5-76.0mm)	1-7/8" (47.6mm)	52" (1320.8mm)	48,000 lbs.	<input type="checkbox"/> PMR25052	•
3.00-3.49" (76.2-88.6mm)	1-7/8" (47.6mm)	54" (1371.6mm)	48,000 lbs.	<input type="checkbox"/> PMR30054	•
3.50-3.99" (88.9-101.3mm)	1-7/8" (47.6mm)	56" (1422.4mm)	48,000 lbs.	<input type="checkbox"/> PMR35056	•

#### Flexible eye

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.25-0.49" (6.4-12.5mm)	1/4" (6.4mm)	26" (660.4mm)	6,800 lbs.	<input type="checkbox"/> PMF2526	•
0.50-0.74" (12.7-18.8mm)	5/16" (7.9mm)	32" (812.8mm)	10,000 lbs.	<input type="checkbox"/> PMF5032	•
0.75-0.99" (19.1-25.1mm)	3/8" (9.5mm)	41" (1041.4mm)	14,400 lbs.	<input type="checkbox"/> PMF7541	•
1.00-1.24" (25.4-31.8mm)	1/2" (12.7mm)	52" (1320.8mm)	24,600 lbs.	<input type="checkbox"/> PMF10052	•
1.25-1.49" (31.8-37.8mm)	1/2" (12.7mm)	56" (1422.4mm)	30,600 lbs.	<input type="checkbox"/> PMF12556	•
1.50-1.74" (38.1-44.2mm)	1/2" (12.7mm)	60" (1524.0mm)	30,600 lbs.	<input type="checkbox"/> PMF15060	•
2.00-2.49" (50.8-63.3mm)	5/8" (15.9mm)	50" (1270.0mm)	48,000 lbs.	<input type="checkbox"/> PMF20050	•
2.50-2.99" (63.5-76.0mm)	5/8" (15.9mm)	52" (1320.8mm)	48,000 lbs.	<input type="checkbox"/> PMF25052	•
3.00-3.49" (76.2-88.6mm)	5/8" (15.9mm)	54" (1371.6mm)	48,000 lbs.	<input type="checkbox"/> PMF30054	•
3.50-3.99" (88.9-101.3mm)	5/8" (15.9mm)	56" (1422.4mm)	48,000 lbs.	<input type="checkbox"/> PMF35056	•

**NOTE:** It is recommended that a swivel be used for release of torque during a pull. Use a connecting link when a swivel is not needed. Do not run grips or swivels over bullwheels while under tension. Do not use multi-weave for pulling rope. See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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## Slack-double weave

### Product description

Standard & long length, offset eye



SKT15017



SKT15025

### Features & applications

- Slack grips feature an offset eye for easy attachment to the pulling line
- High strength galvanized steel wire mesh
- Used when cable end is accessible
- Single offset eye easily mates to swivel and line type connectors as well as easy attachment to pull line
- Used in factory maintenance and construction, utility work and replacement of underground cable
- Slack grips are reusable grips used for pulling slack in underground cable preparatory to final placement
- Also used for cable removal

### Standard length, offset eye



Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	13" (330.2mm)	3,000 lbs.	☐ SKT7512	•
1.00-1.24" (25.4-31.2mm)	16" (406.4mm)	4,200 lbs.	☐ SKT10015	•
1.25-1.49" (31.8-37.8mm)	17" (431.8mm)	5,500 lbs.	☐ SKT12516	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	7,400 lbs.	☐ SKT15017	•
1.75-1.99" (44.5-50.5mm)	19" (482.6mm)	11,000 lbs.	☐ SKT17518	•
2.00-2.49" (50.8-63.3mm)	20" (508.0mm)	11,000 lbs.	☐ SKT20019	•
2.50-2.99" (63.5-76.0mm)	21" (533.4mm)	11,000 lbs.	☐ SKT25020	•
3.00-3.49" (76.2-88.6mm)	22" (558.8mm)	16,000 lbs.	☐ SKT30021	•
3.50-3.99" (88.9-101.3mm)	23" (584.2mm)	16,000 lbs.	☐ SKT35022	•

### Long length, offset eye



Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	21" (533.4mm)	3,000 lbs.	☐ SKT7520	•
1.00-1.24" (25.4-31.2mm)	21" (533.4mm)	5,500 lbs.	☐ SKT10020	•
1.25-1.49" (31.8-37.8mm)	24" (609.6mm)	5,500 lbs.	☐ SKT12523	•
1.50-1.74" (38.1-44.2mm)	26" (660.4mm)	7,400 lbs.	☐ SKT15025	•
2.00-2.49" (50.8-63.3mm)	27" (685.8mm)	11,000 lbs.	☐ SKT20026	•
2.50-2.99" (63.5-76.0mm)	30" (762.0mm)	11,000 lbs.	☐ SKT25029	•
3.00-3.49" (76.2-88.6mm)	33" (838.2mm)	16,000 lbs.	☐ SKT30032	•
3.50-3.99" (88.9-101.3mm)	36" (914.4mm)	16,000 lbs.	☐ SKT35035	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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### Slack - double weave

#### Product description

Split lace  
Standard & long length, offset eye

#### Features & applications

- High strength galvanized steel wire mesh
- Single offset eye easily mates to swivel and line type connectors. Easy attachment to pull line
- Available in standard & long length, double weave, lace closing
- Used when cable end is not accessible
- Used in factory maintenance and construction, utility work and replacement of underground cable




SKTL12516




SKTL12524

#### Standard length, offset eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	13" (330.2mm)	3,000 lbs.	□ SKTL7512	•
1.00-1.24" (25.4-31.2mm)	16" (406.4mm)	4,100 lbs.	□ SKTL10015	•
1.25-1.49" (31.8-37.8mm)	17" (431.8mm)	4,100 lbs.	□ SKTL12516	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	5,500 lbs.	□ SKTL15017	•
1.75-1.99" (44.5-50.5mm)	19" (482.6mm)	7,300 lbs.	□ SKTL17518	•
2.00-2.49" (50.8-63.3mm)	20" (508.0mm)	7,300 lbs.	□ SKTL20019	•
2.50-2.99" (63.5-76.0mm)	21" (533.4mm)	7,300 lbs.	□ SKTL25020	•
3.00-3.49" (76.2-88.6mm)	22" (558.8mm)	9,200 lbs.	□ SKTL30021	•
3.50-3.99" (88.9-101.3mm)	23" (584.2mm)	11,000 lbs.	□ SKTL35022	•

#### Long length, offset eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	21" (533.4mm)	3,000 lbs.	□ SKTL7521	•
1.00-1.24" (25.4-31.2mm)	21" (533.4mm)	5,500 lbs.	□ SKTL10021	•
1.25-1.49" (31.8-37.8mm)	24" (609.6mm)	5,500 lbs.	□ SKTL12524	•
1.50-1.74" (38.1-44.2mm)	25" (635.0mm)	7,400 lbs.	□ SKTL15025	•
2.00-2.49" (50.8-63.3mm)	27" (685.8mm)	11,000 lbs.	□ SKTL20027	•
2.50-2.99" (63.5-76.0mm)	30" (762.0mm)	11,000 lbs.	□ SKTL25030	•
3.00-3.49" (76.2-88.6mm)	33" (838.2mm)	16,000 lbs.	□ SKTL30033	•
3.50-3.99" (88.9-101.3mm)	36" (914.4mm)	16,000 lbs.	□ SKTL35036	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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## Slack - single weave

### Product description

Split rod  
Standard length, offset eye




SKR7510

### Features & applications

- High strength galvanized steel wire mesh
- Single offset eye easily mates to swivel and line type connectors. Easy attachment to pull line
- Available in standard length, single weave and rod closing
- Used when cable end is not accessible
- Dependable, reusable tool for pulling up slack where cable is in service
- Used in factory maintenance and construction, utility work and replacement of underground cable

### Standard length, offset eye



Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7" (177.8mm)	1,800 lbs.	☐ SKR506	•
0.62-0.74" (15.7-18.8mm)	9" (228.6mm)	1,900 lbs.	☐ SKR628	•
0.75-0.99" (19.1-25.1mm)	11" (279.4mm)	3,000 lbs.	☐ SKR7510	•
1.00-1.24" (25.4-31.2mm)	12" (304.8mm)	4,100 lbs.	☐ SKR10012	•
1.25-1.49" (31.8-37.8mm)	14" (355.6mm)	5,700 lbs.	☐ SKR12514	•
1.50-1.74" (38.1-44.2mm)	16" (406.4mm)	5,800 lbs.	☐ SKR15015	•
1.75-1.99" (44.5-50.5mm)	17" (431.8mm)	7,700 lbs.	☐ SKR17516	•
2.00-2.49" (50.8-63.3mm)	20" (508.0mm)	9,300 lbs.	☐ SKR20019	•
2.50-2.99" (63.5-76.0mm)	21" (533.4mm)	11,300 lbs.	☐ SKR25020	•
3.00-3.49" (76.2-88.6mm)	22" (558.8mm)	15,100 lbs.	☐ SKR30021	•
3.50-3.99" (88.9-101.3mm)	25" (635.0mm)	15,100 lbs.	☐ SKR35024	•

\*Contact the factory for stainless steel support grips.

† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information. Consult factory for price and availability.

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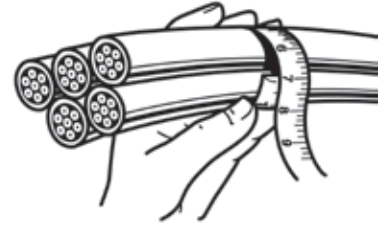
## Wire mesh grip reference

### Selecting properly sized pulling and support grips

Select grip size based upon the outside diameter or circumference of the cable(s). See following reference tables for convenience in determining cable diameters

#### 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 (0.38–0.48")
3. Read across line to grip diameter range (1.00–1.25")

#### Decimal and fraction inch cable diameters for one or more cables of equal diameter

1 Cable	2 Cables	3 Cables	4 Cables	Grip diameter range
0.25-0.37" = 1/4-3/8"	0.16-0.25" = 1/64-1/4"	0.15-0.22" = 5/32-7/32"	0.12-0.20" = 1/8-13/64"	0.25-0.375"
0.37-0.50" = 3/8-1/2"	0.25-0.36" = 1/4-23/64"	0.22-0.33" = 7/32-21/64"	0.20-0.28" = 13/64-9/32"	0.375-0.50"
0.50-0.62" = 1/2-5/8"	0.27-0.36" = 17/64-23/64"	0.26-0.33" = 17/64-21/64"	0.24-0.28" = 15/64-9/32"	0.50-0.62"
0.62-0.75" = 5/8-3/4"	0.36-0.45" = 23/64-29/64"	0.33-0.36" = 21/64-23/64"	0.28-0.31" = 9/32-5/16"	0.62-0.75"
0.75-1.00" = 3/4-1"	0.45-0.60" = 29/64-39/64"	0.36-0.49" = 23/64-31/64"	0.31-0.42" = 5/16-27/64"	0.75-1.00"
1.00-1.25" = 1-1 1/4"	0.60-0.76" = 39/64-49/64"	0.49-0.63" = 31/64-5/8"	0.42-0.54" = 27/64-35/64"	1.00-1.25"
1.25-1.50" = 1 1/4-1 1/2"	0.76-0.91" = 49/64-29/32"	0.63-0.75" = 5/8-49/64"	0.54-0.65" = 35/64-21/32"	1.25-1.50"
1.50-1.75" = 1 1/2-1 3/4"	0.91-1.08" = 29/32-1 15/64"	0.76-0.89" = 49/64-57/64"	0.65-0.77" = 21/32-49/64"	1.50-1.75"
1.75-2.00" = 1 3/4-2"	1.23-1.54" = 1 15/64-1 35/64"	0.89-1.02" = 57/64-11/64"	0.77-0.88" = 49/64-7/8"	1.75-2.00"
2.00-2.50" = 2-2 1/2"	1.54-1.84" = 1 15/64-1 35/64"	1.02-1.28" = 1 1/64-1 9/32"	0.88-1.00" = 7/8-1"	2.00-2.50"
2.50-3.00" = 2 1/2-3"	1.54-1.84" = 1 35/64-1 27/32"	1.28-1.53" = 1 9/32-1 17/32"	1.10-1.32" = 1 3/32-1 21/64"	2.50-3.00"
3.00-3.50" = 3-3 1/2"	1.84-2.15" = 1 27/32-1 25/32"	1.53-1.79" = 1 17/32-1 51/64"	1.32-1.54" = 1 21/64-1 35/64"	3.00-3.50"
3.50-4.00" = 3 1/2-4"	2.15-2.45" = 2 5/32-2 29/64"	1.79-2.05" = 1 51/64- 2 3/64"	1.54-1.76" = 1 35/64-1 49/64"	3.50-4.00"

#### Decimal and fraction inch cable diameters for one or more cables of equal diameter

5 Cables	6 & 7 Cables	8 Cables	9 Cables	Grip diameter range
0.11-0.14" = 7/64-9/64"	0.10-0.11" = 3/32-7/64"	0.09-0.10" = 3/32-7/64"	0.06-0.09" = 1/16-3/32"	0.25-0.375"
0.14-0.21" = 9/64-1/4"	0.11-0.25" = 7/64-1/4"	0.10-0.20" = 7/64-13/64"	0.09-0.19" = 3/32-3/16"	0.375-0.50"
0.21-0.25" = 7/32-1/4"	0.19-0.22" = 3/16-7/32"	0.17-0.20" = 11/64-13/64"	0.15-0.19" = 5/32-3/16"	0.50-0.62"
0.25-0.29" = 1/4-19/64"	0.22-0.26" = 7/32-17/64"	0.20-0.23" = 13/64-15/64"	0.19-0.22" = 3/16-7/32"	0.62-0.75"
0.29-0.38" = 19/64-3/8"	0.26-0.34" = 17/64-11/32"	0.23-0.31" = 15/64-5/16"	0.22-0.31" = 7/32-5/16"	0.75-1.00"
0.38-0.48" = 3/8-31/64"	0.34-0.43" = 11/32-7/16"	0.31-0.39" = 5/16-25/64"	0.29-0.36" = 19/64-23/64"	1.00-1.25"
0.48-0.58" = 31/64-41/64"	0.43-0.52" = 7/16-33/64"	0.39-0.46" = 25/64-15/32"	0.36-0.43" = 23/64-7/16"	1.25-1.50"
0.58-0.67" = 37/64-43/64"	0.52-0.60" = 33/64-39/64"	0.46-0.54" = 15/32-35/64"	0.43-0.49" = 7/16-31/64"	1.50-1.75"
0.67-0.77" = 43/64-49/64"	0.60-0.69" = 39/64-11/16"	0.54-0.62" = 35/64-5/8"	0.49-0.57" = 31/64-37/64"	1.75-2.00"
0.77-0.96" = 49/64-31/32"	0.69-0.86" = 11/16-55/64"	0.62-0.77" = 5/8-49/64"	0.57-0.72" = 37/64-23/32"	2.00-2.50"
0.96-1.16" = 31/32-1 5/32"	0.86-1.03" = 55/64-1 1/32"	0.77-0.93" = 49/64-15/16"	0.72-0.86" = 23/32-55/64"	2.50-3.00"
1.16-1.35" = 1 5/32-1 23/64"	1.03-1.20" = 1 1/32-1 13/64"	0.93-1.08" = 15/16-1 5/64"	0.86-1.00" = 55/64-1"	3.00-3.50"
1.35-1.54" = 1 23/64-1 35/64"	1.20-1.37" = 1 13/64-1 3/8"	1.08-1.24" = 1 5/64-1 15/64"	1.00-1.14" = 1-1 9/64"	3.50-4.00"

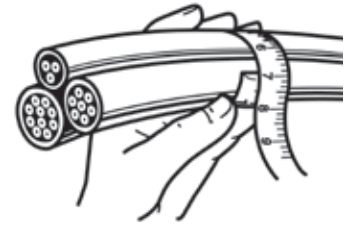
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## Selecting properly sized pulling and support grips

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

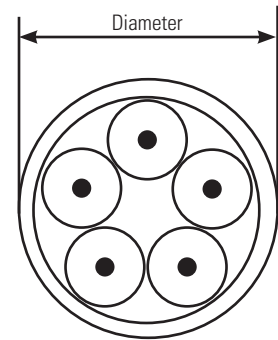


### Example: For three cables together with combined circumference of 6.35"

1. Read down "inches (decimal)" column for 6.35" (6.29-7.86")
2. Read across line to grip diameter range (2.00-2.50")

### Grip circumference range for cables of different diameter

Inches (fractional)	Inches (decimal)	Grip diameter range
25/32-1 11/64"	0.78-1.17"	0.25-0.375"
1 11/64-1 37/64"	1.17-1.57"	0.375-0.50"
1 37/64-2 3/8"	1.57-2.37"	0.50-0.75"
1 15/16-2 3/8"	1.94-2.37"	0.625-0.75"
2 3/8-3 5/32"	2.37-3.15"	0.75-1.00"
3 5/32-3 15/16"	3.15-3.94"	1.00-1.25"
3 15/16-4"	3.94-4.72"	1.25-1.50"
4 23/32-5 33/64"	4.72-5.51"	1.50-1.75"
5 33/64-6 19/64"	5.51-6.29"	1.75-2.00"
6 19/64-7 55/64"	6.29-7.86"	2.00-2.50"
7 55/64-9 7/16"	7.86-9.43"	2.50-3.00"
9 7/16-11 1/64"	9.43-11.01"	3.00-3.50"
11 1/64-12 37/64"	11.01-12.58"	3.50-4.00"



### Cord diameters reference table

AWG wire size & 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"
14 SJO, SJTO	0.34"	0.36"	0.39"	—
12 SO, STO	0.60"	0.62"	0.68"	0.74"
12 SJO, SJTO	0.41"	0.43"	0.47"	—
10 SO, STO	0.65"	0.69"	0.74"	0.80"
10 SJO, SJTO	0.54"	0.57"	0.63"	—
8 SO, STO	0.83"	0.88"	0.99"	1.08"
6 SO, STO	0.99"	1.04"	1.12"	1.25"

For your convenience, above are nominal overall diameters (in inches) for flexible cord.

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## Wire mesh grip reference

### Strength information

The approximate breaking strength of any Arrow Hart wire mesh cable grip is based on working load information established in laboratory testing. In making these determinations, it is not possible to cover all applications and operating conditions. Variables such as diameters, gripping surfaces, number of items gripped, tension, movement, attachment, abrasion, corrosion, prior use, or abuse must be assessed by the user. Greater safety factors should be utilized when the conditions of application are vague or unknown.

Wire mesh grips should never be used to the approximate breaking strength. 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. Arrow Hart maintains a 6 sigma safety factor for pulling grips and a 5 sigma safety factor for support grips for these recommended working loads (using average break strengths obtained on new grips under lab test conditions).

**Example: For pulling grips –  $33,000 \div 5 = 6,600$  lbs. which is the workload factor**

**Example: For support grips –  $10,080 \div 10 = 1,008$  lbs. which is the workload factor**

#### Grip cable range conversion

Inches (fractional)	Inches (decimal)	Metric (mm)
1 1/4-1 31/64"	1.25-1.49"	31.75-37.70mm
1 1/2-1 63/64"	1.50-1.99"	38.10-50.40mm
2-2 31/64"	2.00-2.49"	50.80-63.10mm
2 1/2-2 63/64"	2.50-2.99"	63.50-75.80mm
3-3 31/64"	3.00-3.49"	76.20-88.50mm
3 1/2-3 63/64"	3.50-3.99"	88.90-101.20mm

#### Grip cable range conversion

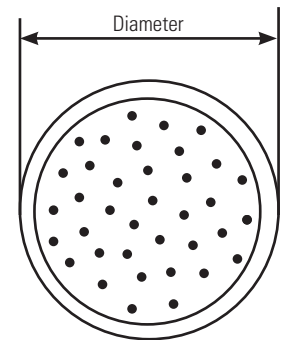
Inches (fractional)	Inches (decimal)	Metric (mm)
1/4-23/64"	0.25-0.36"	6.35-9.13mm
3/8-31/64"	0.37-0.49"	9.52-12.30mm
1/2-39/64"	0.50-0.61"	12.70-15.48mm
5/8-47/64"	0.62-0.74"	15.88-18.65mm
3/4-63/64"	0.75-0.99"	19.05-25.00mm
1-1 15/64"	1.00-1.24"	25.40-31.35mm

#### AWG or MCM wire sizes

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

#### Grip cable range conversion

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"



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# Wire mesh closing instructions

## Split mesh closing instructions

Permanent and temporary support applications where cable end is not available.

### 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. Arrow Hart grips are supplied with the appropriate lace. Only new laces should be used



1. Place the grip around the cable. Starting at the eye end, thread the lace through the first two loops on either side of the mesh split. Pull the lace through the loops until the lace strands and thread them through the next two loops. Continue lacing the grip with this method



2. Do not lace the grip too tight. The mesh spacing created by the lace should be equal to the mesh spacing of the rest of the grip



3. At the end of the grip, twist the laces tightly together or tie a knot



4. Wrap the laces tightly around the tail of the grip once or twice. Twist the ends tightly to secure. Extra lace may be cut off

### Split mesh grip rod closing instructions

Rod closing grips are for temporary support applications where the cable end is not available. Rod closing grips are quick and easy to install are reusable.



1. Place the grip around the cable. Starting at the eye end, thread the rod through the formed loops with a corkscrew motion. Use the curved leading end of the rod to pull the loops together



2. Use a steady push and twist motion with the hand on the rod. The fingers of the other hand pull the mesh loops together in front of the leading end of the rod



3. To remove the grip, pull the rod out

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