Section M
Wire Management

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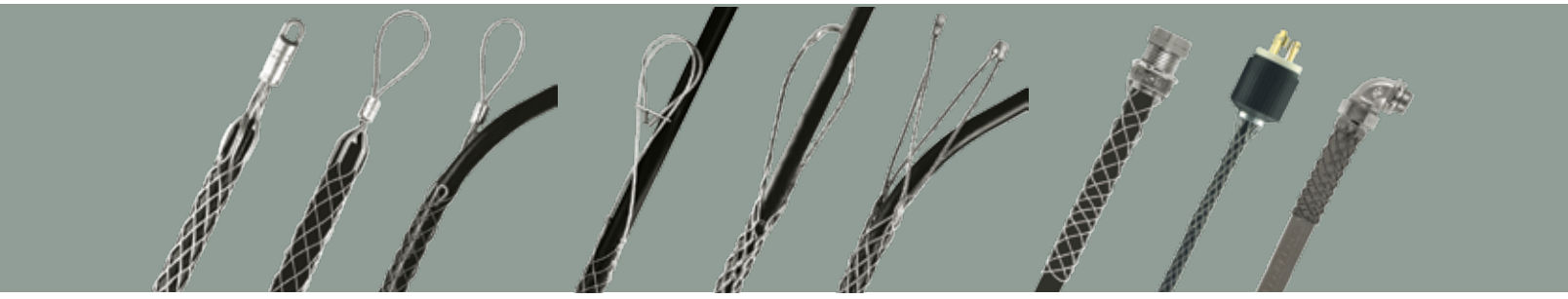
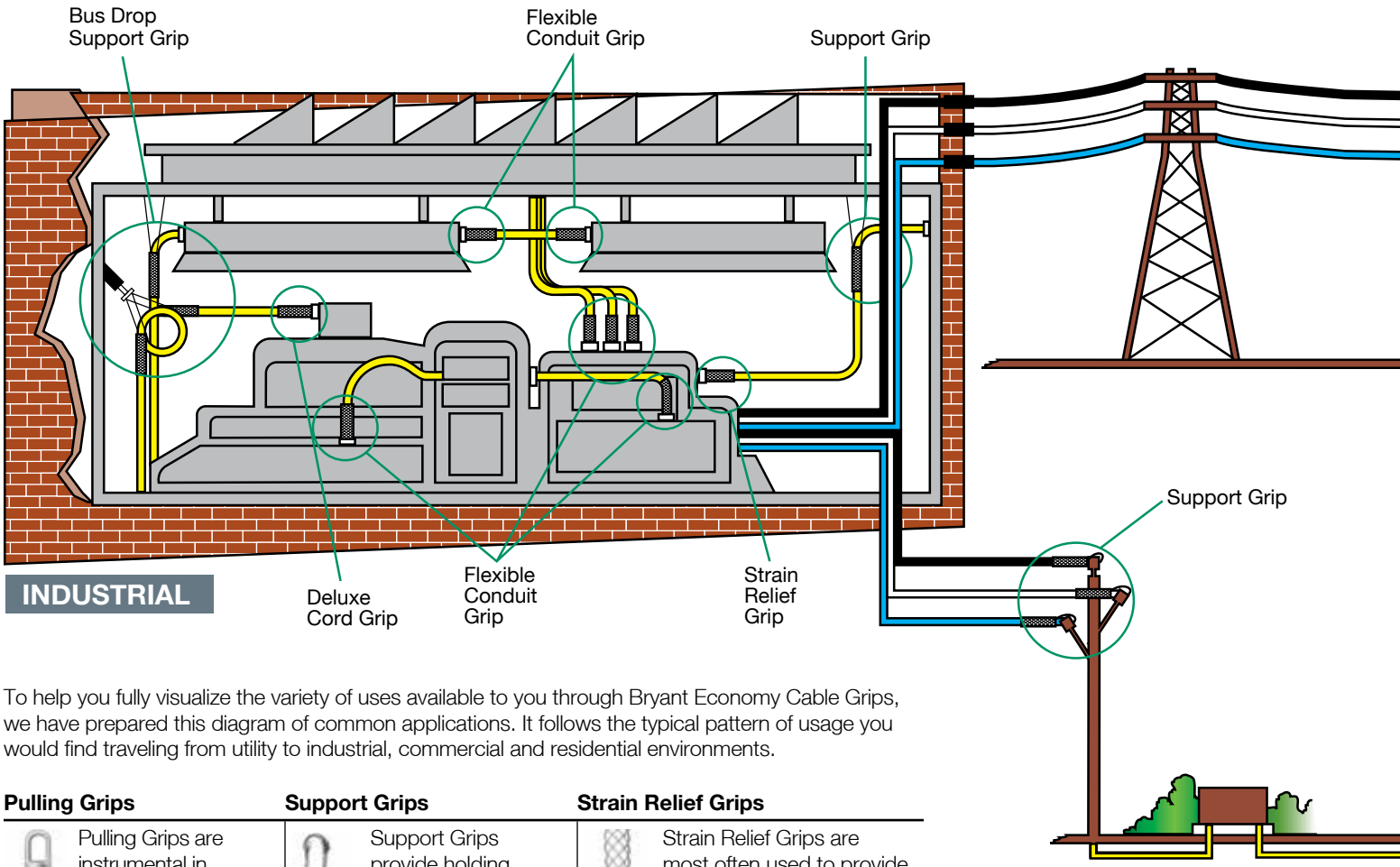
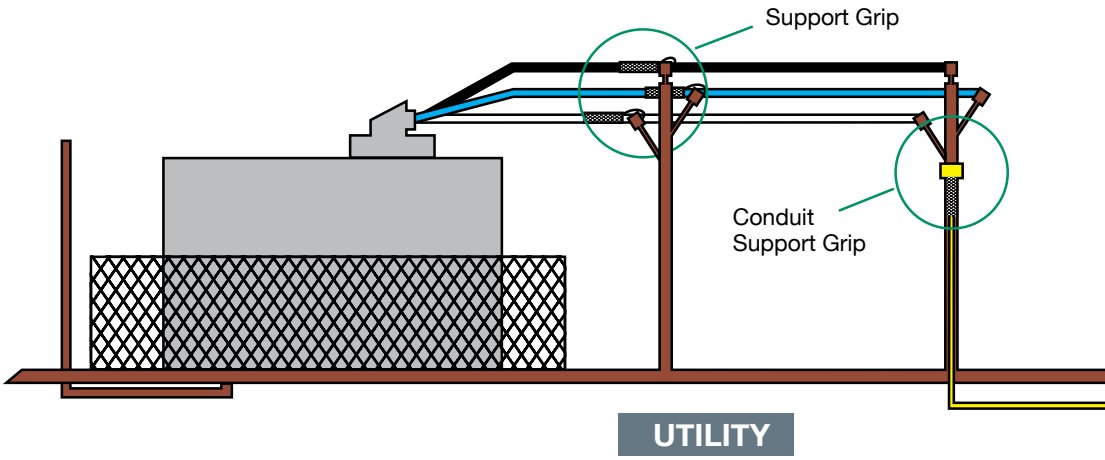


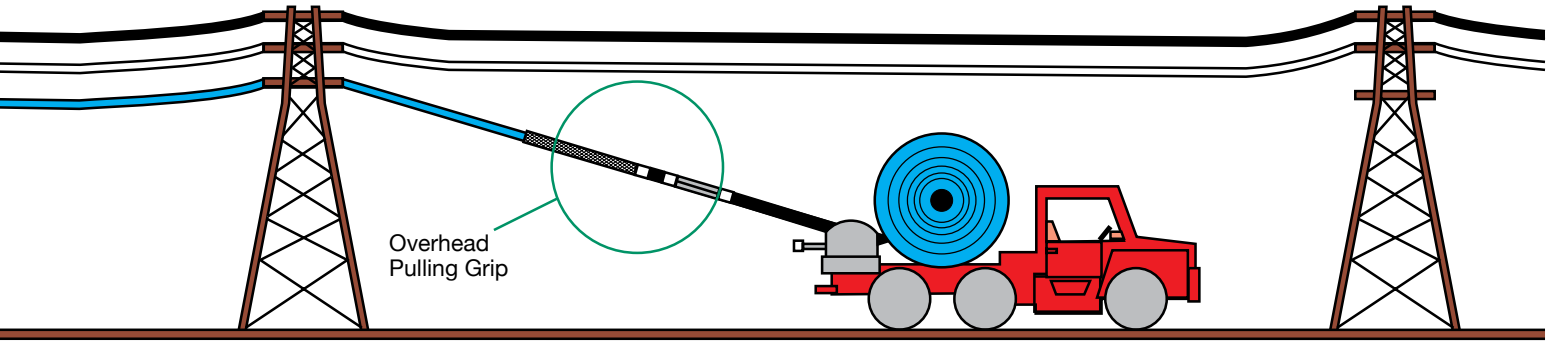


To help you fully visualize the variety of uses available to you through Bryant Economy Cable Grips, we have prepared this diagram of common applications. It follows the typical pattern of usage you would find traveling from utility to industrial, commercial and residential environments.

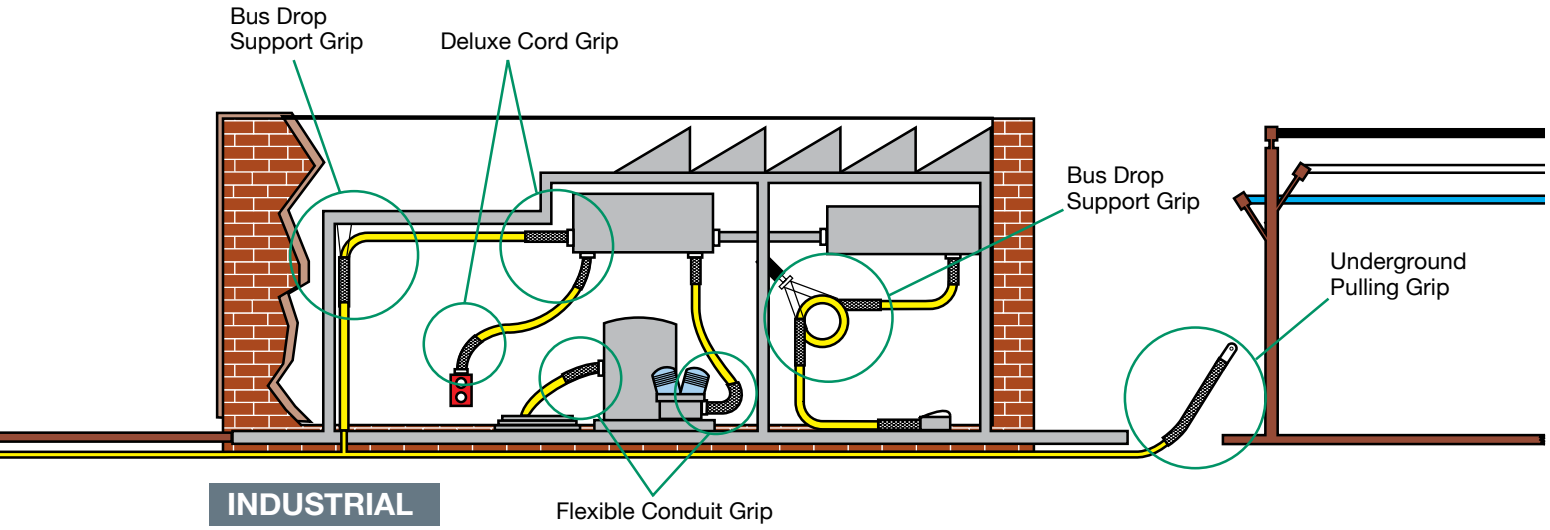
Pulling Grips	Support Grips	Strain Relief Grips
 Pulling Grips are instrumental in the installations of transmission lines, service lines and cabling for construction and maintenance.	 Support Grips provide holding support for indoor and outdoor permanent cable installations.	 Strain Relief Grips are most often used to provide maximum reliability and minimum maintenance in areas where cords on machinery or equipment are impacted by motion or vibration or at risk of damage from cable pullout.

Beyond the electrical applications illustrated here, Bryant Economy Cable Grips can be used for wire management on radio and microwave communications towers, crane and hoist wire rope maintenance, elevator cable management and more.

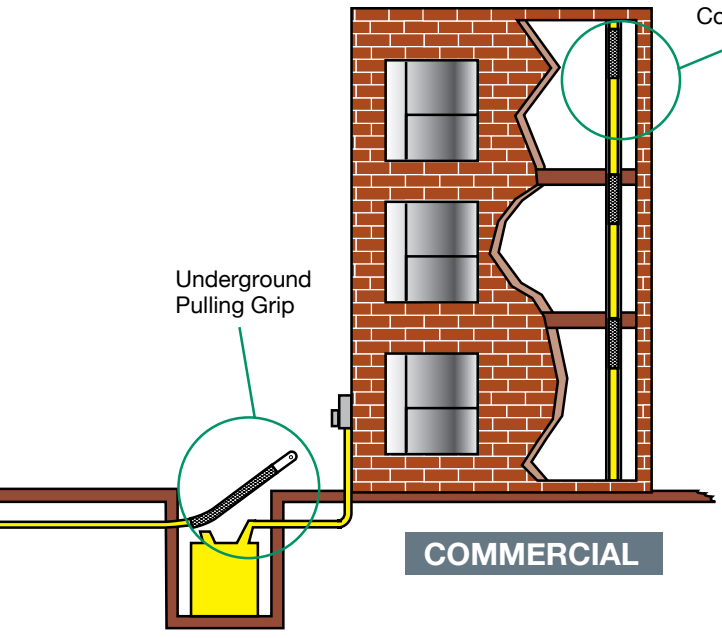




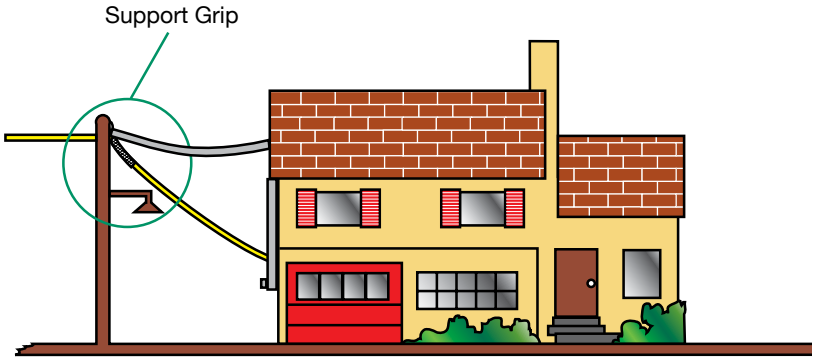
UTILITY



INDUSTRIAL

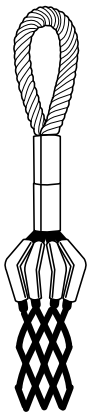


COMMERCIAL



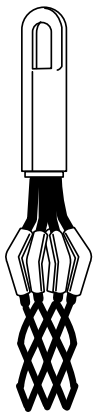
RESIDENTIAL

Pulling Grips Quick Reference Selection Guide



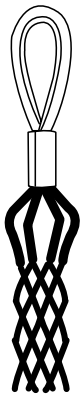
Heavy Duty Flexible Eye

For overhead and underground transmission and distribution line stringing. See pages M-4 and M-5.



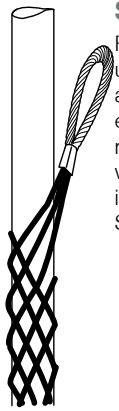
Heavy Duty Revolving Eye

For underground heavy duty pulling of service lines and construction cable. See page M-5.



Light Duty Flexible Eye

For light industrial pulling of electrical cable and for underground and industrial plant wiring and re-wiring. See page M-6.



Slack Pull

For removing underground cable and pulling slack in existing cable and new installations and when end of cable is not available. See page M-7.

Heavy Duty Overhead Pulling Grips

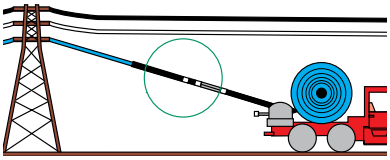
Application:

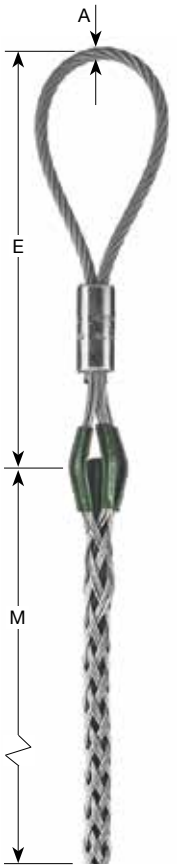
Pulling aluminum or copper bare conductor, ground wires, messenger strands, wire rope and insulated cables

- Designed to be a reusable tool, pulling grips can be used in a variety of overhead and underground pulling applications
- Galvanized steel mesh is flexible for navigating through a variety of cable paths
- Multiple weave provides strength and positive gripping power

Ideal For Use In:

- Overhead transmission and distribution line stringing
- Utility work
- Attaching conductors to pulling lines





MST050FE

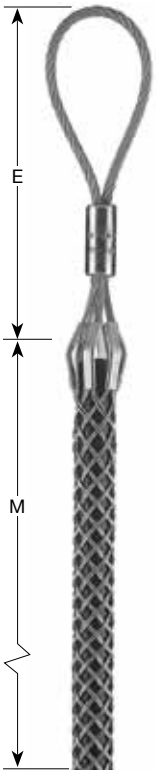
Flexible Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm) E	Inches (cm) M	Eye (A) Dia. Inches (cm)	Catalog Number
.25"-.49" (.63-1.24)	6,800 (30,246)	9" (22.86)	26" (66.04)	¼" (.63)	**MST025FE**
.50"-.74" (1.27-1.88)	10,000 (44,480)	9" (22.86)	32" (81.28)	5⁄16" (.79)	**MST050FE**
.75"-.99" (1.90-2.51)	14,400 (64,051)	11" (27.94)	41" (104.14)	⅜" (.95)	**MST075FE**
1.00"-1.24" (2.54-3.15)	24,600 (109,420)	12" (30.48)	52" (132.08)	½" (1.27)	**MST100FE**
1.25"-1.49" (3.17-3.78)	30,600 (136,109)	12" (30.48)	56" (142.24)	½" (1.27)	**MST125FE**
1.50"-1.74" (3.81-4.42)	30,600 (136,109)	12" (30.48)	60" (152.40)	½" (1.27)	**MST150FE**
1.75"-2.24" (4.44-5.69)	48,000 (213,504)	18" (45.72)	70" (177.80)	⅝" (1.59)	**MST175FE**
2.00"-2.49" (5.08-6.32)	48,000 (213,504)	18" (45.72)	50" (127.00)	⅝" (1.59)	**MST200FE**
2.50"-2.99" (6.35-7.59)	48,000 (213,504)	18" (45.72)	52" (132.08)	⅝" (1.59)	**MST250FE**
3.00"-3.49" (7.62-8.86)	48,000 (213,504)	18" (45.72)	50" (127.00)	⅝" (1.59)	**MST300FE**
3.50"-3.99" (8.89-10.13)	48,000 (213,504)	18" (45.72)	53" (134.62)	⅝" (1.59)	**MST350FE**

Note: Do not run grips or swivels over bullwheels while under tension.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

PHS150



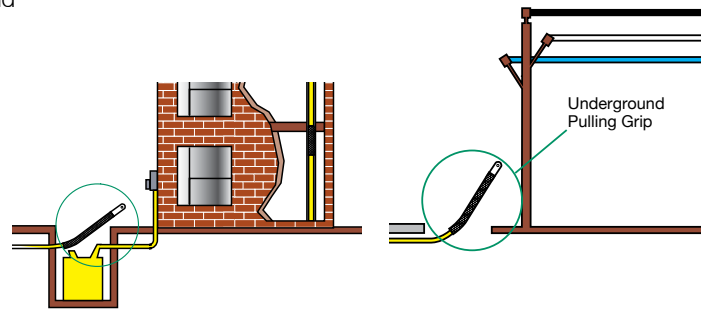
PH150

Application:

- Pulling underground power cables, communication lines and service lines
- Designed to be a reusable tool, pulling grips can be used in a variety of overhead and underground pulling applications
- Galvanized steel mesh is flexible for navigating through a variety of cable paths
- Multiple weave provides strength and positive gripping power

Ideal For Use In:

- Utility work
- Factory maintenance
- Construction



Revolving Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Revolving Eye Dia. Inches (cm)	Catalog Number
		E	M		
.50"-.61" (1.27-1.55)	4,800 (21,350)	5" (12.70)	16" (40.64)	⅞" (2.22)	**PHS050**
.62"-.74" (1.57-1.88)	6,800 (30,246)	5" (12.70)	16" (40.64)	⅞" (2.22)	**PHS062**
.75"-.99" (1.90-2.51)	9,600 (42,700)	6" (15.24)	32" (81.28)	1" (2.54)	**PHS075**
1.00"-1.49" (2.54-3.78)	16,400 (72,947)	7" (17.78)	33" (83.82)	1⅜" (3.49)	**PHS100**
1.50"-1.99" (3.81-5.05)	16,400 (72,947)	7" (17.78)	34" (86.36)	1⅜" (3.49)	**PHS150**
2.00"-2.49" (5.08-6.32)	27,200 (120,986)	9" (22.86)	36" (91.44)	1⅝" (4.13)	**PHS200**
2.50"-2.99" (6.35-7.59)	33,000 (146,784)	10" (25.40)	38" (96.52)	1⅞" (4.76)	**PHS250**
3.00"-3.49" (7.62-8.86)	41,000 (182,368)	10" (25.40)	39" (99.06)	1⅞" (4.76)	**PHS300**
3.50"-3.99" (8.89-10.13)	48,000 (213,504)	10" (25.40)	41" (104.14)	1⅞" (4.76)	**PHS350**
4.00"-4.49" (10.16-11.40)	48,000 (213,504)	10" (25.40)	42" (106.68)	1⅞" (4.76)	**PHS400**
4.50"-4.99" (11.43-12.67)	48,000 (213,504)	10" (25.40)	58" (147.32)	1⅞" (4.76)	**PHS450**
5.00"-5.99" (12.70-15.21)	40,000 (177,920)	10" (25.40)	60" (152.40)	1⅞" (4.76)	**PHS500**
6.00"-6.99" (15.24-17.75)	54,000 (240,192)	10" (25.40)	66" (167.64)	1⅞" (4.76)	**PHS600**

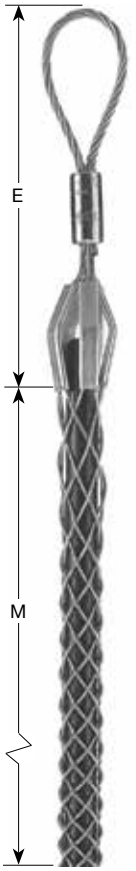
Note: Eye revolves when pressure is released to reduce twisting and turning. If constant swivel action is required, a swivel should be used. Revolving eye is not a swivel and will not turn under tension, it can turn to relieve pulling torque when the tension is relaxed.

Flexible Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.50"-.61" (1.27-1.55)	4,500 (20,016)	8" (20.32)	21" (53.34)	**PH050**
.62"-.74" (1.57-1.88)	5,600 (24,909)	8" (20.32)	24" (60.96)	**PH062**
.75"-.99" (1.90-2.51)	6,800 (30,246)	9" (22.86)	24" (60.96)	**PH075**
1.00"-1.49" (2.54-3.78)	9,600 (42,701)	9" (22.86)	24" (60.96)	**PH100**
1.50" -1.99" (3.81-5.05)	16,400 (72,947)	11" (27.94)	24" (60.96)	**PH150**
2.00"-2.49" (5.08-6.32)	18,500 (82,288)	12" (30.48)	24" (60.96)	**PH200**
2.50"-2.99" (6.35-7.59)	24,500 (108,976)	12" (30.48)	24" (60.96)	**PH250**
3.00"-3.49" (7.62-8.86)	24,500 (108,976)	14" (35.56)	24" (60.96)	**PH300**
3.50"-3.99" (8.89-10.13)	31,000 (137,888)	14" (35.56)	26" (66.04)	**PH350**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Light Duty, Low Tension Pulling Grips



PA150

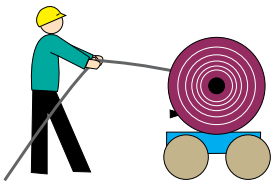
Application:

Low tension, underground electrical construction

- Galvanized steel mesh is flexible for navigating through a variety of cable paths
- Multiple weave provides strength and positive gripping power

Ideal For Use In:

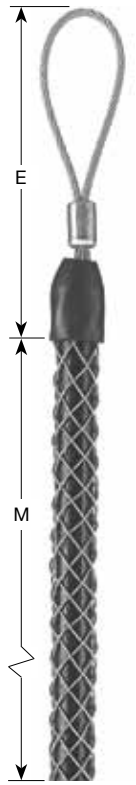
- Utility work
- Industrial and commercial building service lines
- Underground transmission lines stringing



Flexible Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.50"-.61" (1.27-1.55)	2,800 (12,454)	5" (12.70)	11" (27.94)	**PA050**
.62"-.74" (1.57-1.88)	2,800 (12,454)	5" (12.70)	11" (27.94)	**PA062**
.75"-.99" (1.90-2.51)	4,000 (17,792)	6" (15.24)	12" (30.48)	**PA075**
1.00"-1.24" (2.54-3.15)	5,300 (23,574)	7" (17.78)	13" (33.02)	**PA100**
1.25"-1.49" (3.17-3.78)	5,300 (23,574)	7" (17.78)	14" (35.56)	**PA125**
1.50"-1.74" (3.81-4.42)	6,800 (30,246)	8" (20.32)	15" (38.10)	**PA150**
1.75"-1.99" (4.44-5.05)	8,500 (37,808)	8" (20.32)	17" (43.18)	**PA175**
2.00"-2.49" (5.08-6.32)	8,500 (37,808)	9" (22.86)	18" (45.72)	**PA200**
2.50"-2.99" (6.35-7.59)	10,600 (47,149)	9" (22.86)	27" (68.58)	**PA250**
3.00"-3.49" (7.62-8.86)	14,700 (65,386)	10" (25.40)	30" (76.20)	**PA300**

Junior Low Tension Pulling Grips



PJ075

Application:

Low tension, underground electrical construction

- Galvanized steel mesh is flexible for navigating through a variety of cable paths
- Multiple weave provides strength and positive gripping power

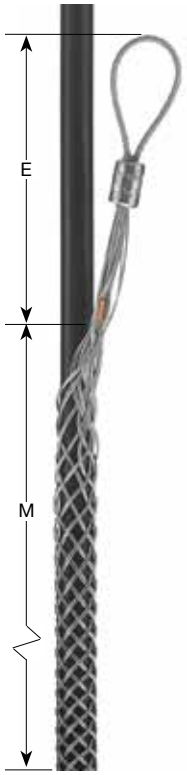
Ideal For Use In:

- Overhead transmission and distribution line stringing
- Utility work
- Attaching conductors to pulling lines

Flexible Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.19"-.24" (.48-.61)	400 (1,779)	3¼" (8.25)	4¼" (10.79)	**PJ019**
.25"-.36" (.63-.91)	450 (2,002)	3¼" (8.25)	4¼" (10.79)	**PJ025**
.37"-.49" (.94-1.24)	900 (4,003)	3¾" (9.52)	7" (17.78)	**PJ037**
.50"-.61" (1.27-1.55)	1,300 (5,782)	4¼" (10.79)	8½" (21.59)	**PJ050**
.62"-.74" (1.57-1.88)	1,950 (8,674)	5" (12.70)	10" (25.40)	**PJ062**
.75"-.99" (1.90-2.51)	2,800 (12,454)	5¾" (14.60)	10" (25.40)	**PJ075**
1.00"-1.24" (2.54-3.15)	3,900 (17,347)	6½" (16.51)	11½" (29.21)	**PJ100**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**



SCD100

Application:

Removing underground cable and for pulling slack after new cable has been laid

- Used for pulling up slack where cable is in service and when ends of cable are not available
- Galvanized steel mesh is flexible for navigating through a variety of cable paths

Ideal For Use In:

- Utility work
- Construction
- Replacement of underground cable
- Factory maintenance

Offset Eye, Closed Mesh Inches (cm)

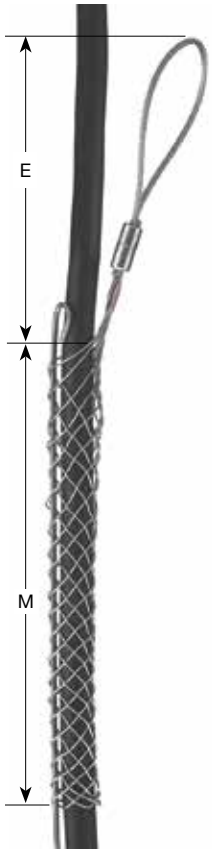
Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.75"-.99" (1.90-2.51)	2,600 (11,565)	7" (17.78)	12" (30.48)	**SCD075**
1.00"-1.24" (2.54-3.15)	4,000 (17,792)	8" (20.32)	15" (38.10)	**SCD100**
1.25"-1.49" (3.17-3.78)	5,400 (24,019)	8" (20.32)	16" (40.64)	**SCD125**
1.50"-1.74" (3.81-4.42)	6,600 (29,357)	9" (22.86)	20" (50.80)	**SCD150**
1.75"-1.99" (4.44-5.05)	10,000 (44,480)	10" (25.40)	18" (45.72)	**SCD175**
2.00"-2.49" (5.08-6.32)	11,000 (48,928)	10" (25.40)	19" (48.26)	**SCD200**
2.50"-2.99" (6.35-7.59)	11,000 (48,928)	10" (25.40)	20" (50.80)	**SCD250**
3.00"-3.49" (7.62-8.86)	14,500 (64,496)	12" (30.48)	21" (53.34)	**SCD300**
3.50"-3.99" (8.89-10.13)	14,500 (64,496)	12" (30.48)	22" (55.88)	**SCD350**

Application:

Pulling up slack where cable is in service and ends of cable are not available

Offset Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.50"-.61" (1.27-1.55)	1,500 (6,672)	7" (17.78)	6" (15.24)	**SSR050**
.62"-.74" (1.57-1.88)	1,800 (8,006)	7" (17.78)	8" (20.32)	**SSR062**
.75"-.99" (1.90-2.51)	2,200 (9,786)	7" (17.78)	10" (25.40)	**SSR075**
1.00"-1.24" (2.54-3.15)	3,400 (15,123)	8" (20.32)	12" (30.48)	**SSR100**
1.25"-1.49" (3.17-3.78)	4,500 (20,016)	8" (20.32)	14" (35.56)	**SSR125**
1.50"-1.74" (3.81-4.42)	5,800 (25,798)	9" (22.86)	15" (38.10)	**SSR150**
1.75"-1.99" (4.44-5.05)	7,600 (33,805)	10" (25.40)	16" (40.64)	**SSR175**
2.00"-2.49" (5.08-6.32)	9,000 (40,032)	10" (25.40)	19" (48.26)	**SSR200**
2.50"-2.99" (6.35-7.59)	11,000 (48,928)	10" (25.40)	20" (50.80)	**SSR250**
3.00"-3.49" (7.62-8.86)	12,000 (53,376)	12" (30.48)	21" (53.34)	**SSR300**
3.50"-3.99" (8.89-10.13)	12,000 (53,376)	12" (30.48)	24" (60.96)	**SSR350**



SSR125

Split rod closing grips are used for pulling slack or providing support when ends of cable are not available. The provided stainless steel rod makes threading fast and easy. The strands of mesh pass around the rod and match up with strands from the opposite direction. Since the rod does not touch the cable at any point it cannot cut the cable. Rod closing grips can be removed and reused as many times as desired.

The following procedures should be used when installing the grip:
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. This requires a simultaneous steady twist and push motion. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull out rod.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Punch-Lok® Bands

Punch-Lok Bands are applied over the tail of a grip to prevent the mesh from being tripped or pulled loose. Also, they assure full gripping action by locking the mesh of the tail in tight contact with the cable or rope.




When the tail of a grip is the leading end, the bands are particularly important to prevent accidental release caused by tripping on obstructions. A conductor-to-conductor (double-socking) pulling operation is a good example: where two grips connect two conductors to form a temporary splice. Bands should be applied to the ends of the grips as illustrated herein. It is also common practice to tape over the banded tail area to assure smooth passage through the sheaves.

The conductor should be installed in the grip up to the elbows of the aluminum shoulders in order to assure full and complete gripping action as illustrated above.

IMPORTANT

Read all breaking strength, safety and technical data relating to this product. Page M-26.

20320054

Punch-Lok® Bands and Accessories Inches (cm)

Grip Banding Range Inches (cm)	Band Width Inches (cm)	Band Inside Diameter Inches (cm)	Model	Punch-Lok Bands
¼"-1⅛" (.63-2.86)	⅜" (.95)	1⅜" (3.49)	0-311	**PLB025**
1⅛"-1⅝" (2.86-4.13)	⅜" (.95)	2" (5.08)	0-316	**PLB112**
1⅝"-2¼" (4.13-5.71)	⅝" (1.59)	2½" (6.35)	0-10	**PLB162**
2¼"-3½" (5.71-8.89)	⅝" (1.59)	4" (10.16)	0-16	**PLB225**
3½"-5" (8.89-12.70)	⅝" (1.59)	6" (15.24)	0-24	**PLB350**

20320048

Description	Punch-Lok Tools
P-1000 for use with ⅝" width Banding tool.	**PLT48**
P-38 for use with ⅜" and ⅝" width Banding tool for tight spaces.	**PLT47**

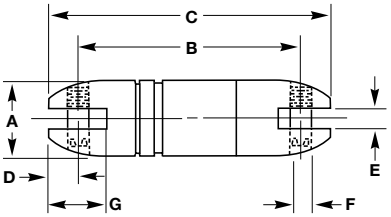
Note: In all cases two Punch-Lok Bands should be double wrapped approximately one inch to two inches (2.54cm to 5.08cm) from the grip's tail. Banding is required to ensure maximum reliability and guard against accidental release.

20320047

Stainless Steel Swivels

Swivels are essential to the efficiency and safety of any high tension application. They are particularly important where continuous pulls develop higher and higher torque levels. Torque is intensified by the pull-resistance of the cable itself and the resistance of the high tension controlling equipment regulating line sag.

Ball bearing swivels release torque and prevent it from reaching dangerous levels that can damage the cable and obstruct the lines.



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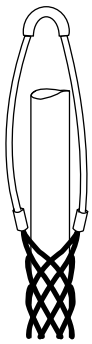
Stainless Steel Swivels Inches (cm)

Maximum Safe Working Load Lbs. (N)	Dimensions in Inches (cm)								
	A	B	C	D	E	F	G	Model	Catalog Number
2,250 (10,000)	⅞" (2.22)	2½" (6.35)	3⅜" (8.57)	7⁄16" (1.11)	⅜" (0.95)	5⁄16" (0.79)	31⁄32" (2.46)	A-13L	**SVL1**
5,000 (22,240)	1¼" (3.17)	3 11⁄16" (9.37)	4¾" (12.06)	1 7⁄32" (1.35)	1 7⁄32" (1.35)	13⁄32" (1.03)	1 9⁄32" (3.25)	BB-13L	**SVL2**
9,000 (40,030)	1½" (3.81)	4¼" (10.79)	5⅝" (14.29)	1 1⁄16" (1.75)	1 9⁄32" (1.51)	½" (1.27)	1 9⁄16" (3.97)	B-13L	**SVL3**
10,000 (44,480)	1⅝" (4.13)	4½" (11.43)	6" (15.24)	¾" (1.90)	1 1⁄16" (1.75)	5⁄8" (1.59)	1 23⁄32" (4.36)	C-13L	**SVL4**
30,000 (133,440)	2⅜" (6.03)	7⅝" (19.37)	10" (25.40)	1 3⁄16" (3.02)	1 1⁄32" (2.62)	⅞" (2.22)	2 25⁄32" (7.06)	D-13L	**SVL5**

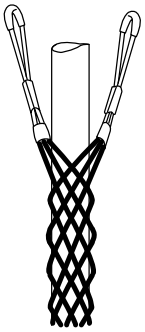
Punch-Lok® is a registered trademark of Punch-Lok Inc.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**



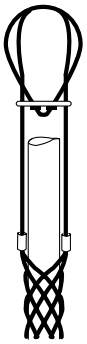
Single U Eye

For single hook attachment of permanent indoor/outdoor cable. Available on heavy duty, standard duty, and service drop grips. See pages M-9, M-10, M-11, M-13, M-15, M-17 and M-18.



Double U Eye

For double hook attachment of permanent indoor/outdoor cable. Available on heavy duty and standard duty grips. See pages M-9, M-10, M-11, M-13 and M-15.

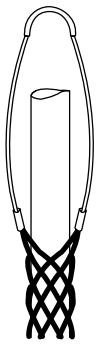


Looped Bale

For wraparound attachment to an existing fastener in permanent indoor/outdoor applications. Available on standard duty and light duty service drop grips. See pages M-12, M-14, M-16, M-17 and M-18.

Single Offset Eye

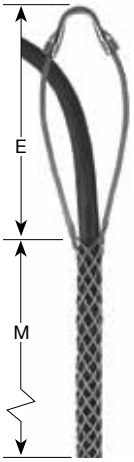
For offset hook attachment of permanent indoor/outdoor cable. Available on heavy duty, standard duty and light duty support grips. See pages M-12, M-14 and M-16.



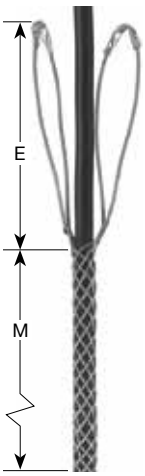
Wide Range Bus Drop

Used indoors for cable support where flexible cable connects electrical equipment to bus duct. Support or restrain air hose and water hose. See page M-18.

Heavy Duty Support Grips



SHC125U



SHC125

Application:

Permanent support of heavy loads and long runs of vertical and horizontal cables indoors and outdoors where ends of cable are available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

- Industrial applications
- Communication towers
- Utility work
- Heavy equipment
- Construction

Single Eye and Double Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze			Stainless Steel		
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Double Eye	Approx. Breaking Strength Lbs. (N)	Single Eye	Double Eye
.75"-.99" (1.90-2.51)	10" (25.40)	25" (63.50)	2,820 (12,543)	**SHC075U**	**SHC075**	4,200 (18,682)	**SHC075US**	—
1.00"-1.24" (2.54-3.15)	12" (30.48)	28" (71.12)	4,280 (19,037)	**SHC100U**	—	7,300 (32,470)	**SHC100US**	—
	10" (25.40)	28" (71.12)	4,280 (19,037)	—	**SHC100**	—	—	—
1.25"-1.49" (3.17-3.78)	12" (30.48)	30" (76.20)	4,280 (19,037)	**SHC125U**	—	7,300 (32,470)	**SHC125US**	—
	10" (25.40)	30" (76.20)	4,280 (19,037)	—	**SHC125**	—	—	—
1.50"-1.99" (3.81-5.05)	12" (30.48)	34" (86.36)	4,280 (19,037)	**SHC150U**	—	11,150 (49,595)	**SHC150US**	—
	10" (25.40)	34" (86.36)	4,280 (19,037)	—	**SHC150**	—	—	—
2.00"-2.49" (5.08-6.32)	12" (30.48)	36" (91.44)	8,050 (35,806)	—	**SHC200**	20,100 (89,405)	—	**SHC200DES**
2.50"-2.99" (6.35-7.59)	12" (30.48)	38" (96.52)	8,050 (35,806)	—	**SHC250**	20,100 (89,405)	—	**SHC250DES**
3.00"-3.49" (7.62-8.86)	12" (30.48)	40" (101.60)	10,060 (44,747)	—	**SHC300**	25,200 (112,090)	—	**SHC300DES**
3.50"-3.99" (8.89-10.13)	12" (30.48)	44" (111.76)	12,070 (53,687)	—	**SHC350**	—	—	—
4.00"-4.49" (10.16-11.40)	12" (30.48)	46" (116.84)	12,070 (53,687)	—	**SHC400**	—	—	—
4.50"-5.00" (11.43-12.70)	12" (30.48)	68" (172.72)	13,790 (61,338)	—	**SHC450**	—	—	—

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Heavy Duty Support Grips

Application:

Supporting heavy loads and long runs of vertical and horizontal cables indoors and outdoors where ends of cable are not available

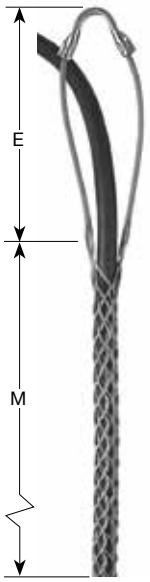
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

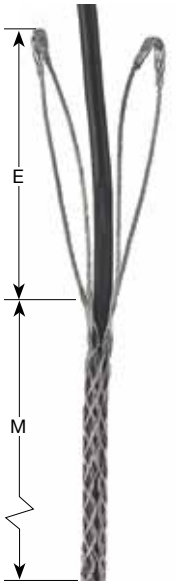
- Industrial applications
- Communication towers
- Heavy equipment
- Utility work

Single Eye and Double Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze			Stainless Steel		
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Double Eye	Approx. Breaking Strength Lbs. (N)	Single Eye	Double Eye
.75"-.99" (1.90-2.51)	10" (25.40)	25" (63.50)	2,820 (12,543)	**SHS075U**	**SHS075**	4,250 (18,904)	**SHS075US**	—
1.00"-1.24" (2.54-3.15)	12" (30.48)	28" (71.12)	4,280 (19,037)	**SHS100U**	—	7,300 (32,470)	**SHS100US**	—
	10" (25.40)	28" (71.12)	4,280 (19,037)	—	**SHS100**	—	—	—
1.25"-1.49" (3.17-3.78)	12" (30.48)	30" (76.20)	4,280 (19,037)	**SHS125U**	—	7,300 (32,470)	**SHS125US**	—
	10" (25.40)	28" (71.12)	4,280 (19,037)	—	**SHS125**	—	—	—
1.50"-1.99" (3.81-5.05)	12" (30.48)	34" (86.36)	4,280 (19,037)	**SHS150U**	—	11,150 (49,595)	**SHS150US**	—
	10" (25.40)	28" (71.12)	4,280 (19,037)	—	**SHS150**	—	—	—
2.00"-2.49" (5.08-6.32)	12" (30.48)	36" (91.44)	8,050 (35,806)	—	**SHS200**	20,150 (89,627)	—	**SHS200DES**
2.50"-2.99" (6.35-7.59)	12" (30.48)	38" (96.52)	8,050 (35,806)	—	**SHS250**	20,150 (89,627)	—	**SHS250DES**
3.00"-3.49" (7.62-8.86)	12" (30.48)	40" (101.60)	10,060 (44,747)	—	**SHS300**	25,200 (112,090)	—	**SHS300DES**
3.50"-3.99" (8.89-10.13)	12" (30.48)	44" (111.76)	12,070 (53,687)	—	**SHS350**	30,200 (134,330)	—	**SHS350DES**
4.00"-4.49" (10.16-11.40)	12" (30.48)	46" (116.84)	12,070 (53,687)	—	**SHS400**	30,200 (134,330)	—	**SHS400DES**
4.50"-5.00" (11.43-12.70)	12" (30.48)	68" (172.72)	12,070 (53,687)	—	**SHS450**	—	—	—



SHS125U



SHS125

Designed for use when cable ends are unavailable. The grip is wrapped around the cable and then drawn closed with a wire lace. It is important that the wire lacing be the same type and gauge as supplied with the grip from the factory.

The following procedures should be used when installing the grip:

Bend the wire lace in the middle so both ends are even. Wrap grip around the cable. Starting at the first loop closest to the eye, thread each end of the wire lace through the first loop on each side of the split, pull both ends of the lace until they are even. Criss-cross laces and thread each end of the lace through the next loop, on opposite sides of the split. Continue doing the same for the full length of the split, pulling the lace after each loop so the space between both sides of the split is no greater than the spaces of the mesh. When end of split is reached, twist lacing tightly together. Wrap ends of lace around grip. Twist ends to secure. Only new laces should be used. A split grip is only as good as its lacing or closing of the split.

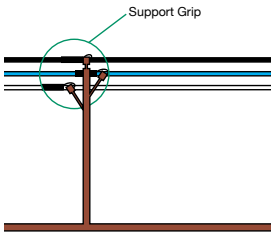
CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

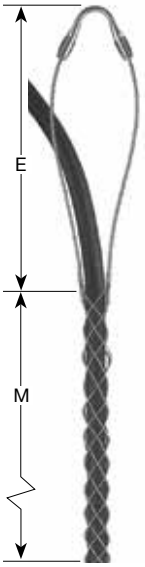
Standard Duty Support Grips

Application:
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:
- Industrial applications
- Communication towers
- Utility work
- Heavy equipment
- Construction

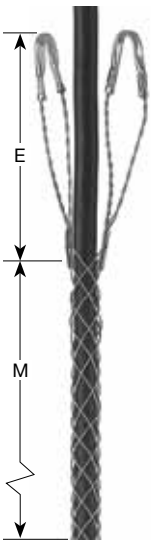




SPC125U

Single Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Approx. Breaking Strength Lbs. (N)	Single Eye
.50"-.62" (1.27-1.57)	7" (17.78)	10" (25.40)	530 (2,357)	**SPC050U**	1,370 (6,094)	**SPC050US**
.63"-.74" (1.60-1.88)	8" (20.32)	10" (25.40)	790 (3,514)	**SPC062U**	2,060 (9,163)	**SPC062US**
.75"-.99" (1.90-2.51)	8" (20.32)	13" (33.02)	1,020 (4,537)	**SPC075U**	2,060 (9,163)	**SPC075US**
1.00"-1.24" (2.54-3.15)	9" (22.86)	14" (35.56)	1,610 (7,161)	**SPC100U**	2,678 (11,912)	**SPC100US**
1.25"-1.49" (3.17-3.78)	10" (25.40)	15" (38.10)	1,610 (7,161)	**SPC125U**	4,490 (19,972)	**SPC125US**
1.50"-1.74" (3.81-4.42)	12" (30.48)	17" (43.18)	1,610 (7,161)	**SPC150U**	4,490 (19,972)	**SPC150US**
1.75"-1.99" (4.44-5.05)	14" (35.56)	19" (48.26)	2,150 (9,563)	**SPC175U**	5,000 (22,240)	**SPC175US**
2.00"-2.49" (5.08-6.32)	16" (40.64)	21" (53.34)	3,260 (14,500)	**SPC200U**	8,940 (39,765)	**SPC200US**
2.50"-2.99" (6.35-7.59)	18" (45.72)	23" (58.42)	3,260 (14,500)	**SPC250U**	8,940 (39,765)	**SPC250US**
3.00"-3.49" (7.62-8.86)	21" (53.34)	25" (63.50)	4,900 (21,795)	**SPC300U**	13,420 (59,692)	**SPC300US**
3.50"-3.99" (8.89-10.13)	24" (60.96)	27" (63.58)	4,900 (21,795)	**SPC350U**	—	**—**



SPC125DE

Double Eye, Closed Mesh Inches (cm)

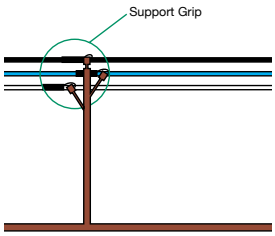
Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Double Eye	Approx. Breaking Strength Lbs. (N)	Single Eye
.50"-.62" (1.27-1.57)	4" (10.16)	10" (25.40)	530 (2,357)	**SPC050DE**	1,370 (6,094)	**SPC050DES**
.63"-.74" (1.60-1.88)	4" (10.16)	10" (25.40)	790 (3,514)	**SPC062DE**	2,060 (9,163)	**SPC062DES**
.75"-.99" (1.90-2.51)	5½" (13.97)	12" (30.48)	1,020 (4,537)	**SPC075DE**	2,060 (9,163)	**SPC075DES**
1.00"-1.24" (2.54-3.15)	5" (12.70)	14" (35.56)	1,610 (7,161)	**SPC100DE**	2,670 (11,876)	**SPC100DES**
1.25"-1.49" (3.17-3.78)	5" (12.70)	15" (38.10)	1,610 (7,161)	**SPC125DE**	4,490 (19,972)	**SPC125DES**
1.50"-1.74" (3.81-4.42)	5" (12.70)	17" (43.18)	1,610 (7,161)	**SPC150DE**	4,490 (19,972)	**SPC150DES**
1.75"-1.99" (4.44-5.05)	6" (15.24)	19" (48.26)	2,150 (9,563)	**SPC175DE**	5,000 (22,240)	**SPC175DES**
2.00"-2.49" (5.08-6.32)	6" (15.24)	21" (53.34)	3,260 (14,500)	**SPC200DE**	8,940 (39,765)	**SPC200DES**
2.50"-2.99" (6.35-7.59)	6" (15.24)	23" (58.42)	3,260 (14,500)	**SPC250DE**	8,940 (39,765)	**SPC250DES**
3.00"-3.49" (7.62-8.86)	8" (20.32)	25" (63.50)	4,900 (21,795)	**SPC300DE**	12,000 (53,376)	**SPC300DES**
3.50"-3.99" (8.89-10.13)	8" (20.32)	27" (68.58)	4,900 (21,795)	**SPC350DE**	12,000 (53,376)	**SPC350DES**

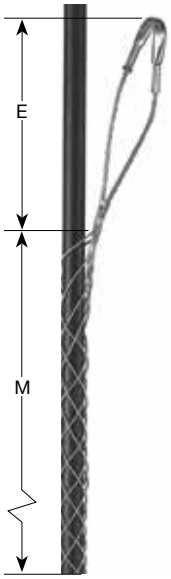
CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- Available for light duty, standard duty and heavy duty applications
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:
- Industrial applications
- Communication towers
- Heavy equipment
- Utility work
- Construction



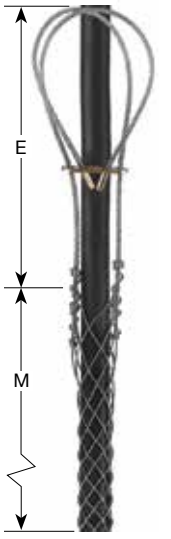


SPC125SO

Offset Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Offset Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Offset Eye
.50"-.62" (1.27-1.57)	4" (10.16)	10" (25.40)	500 (2,724)	**SPC050SO**	1,370 (6,094)	**SPC050SOS**
.63"-.74" (1.60-1.88)	4" (10.16)	10" (25.40)	750 (3,336)	**SPC062SO**	2,060 (9,163)	**SPC062SOS**
.75"-.99" (1.90-2.51)	4" (10.16)	13" (33.02)	950 (4,226)	**SPC075SO**	2,060 (9,163)	**SPC075SOS**
1.00"-1.24" (2.54-3.15)	5" (12.70)	14" (35.56)	1,500 (6,672)	**SPC100SO**	2,670 (11,876)	**SPC100SOS**
1.25"-1.49" (3.17-3.78)	5" (12.70)	15" (38.10)	1,500 (6,672)	**SPC125SO**	4,490 (19,972)	**SPC125SOS**
1.50"-1.74" (3.81-4.42)	5" (12.70)	17" (43.10)	1,500 (6,672)	**SPC150SO**	3,700 (16,458)	**SPC150SOS**
1.75"-1.99" (4.44-5.05)	6" (15.24)	19" (48.26)	2,000 (8,896)	**SPC175SO**	4,370 (19,438)	**SPC175SOS**
2.00"-2.49" (5.08-6.32)	9" (22.86)	21" (53.34)	3,100 (13,789)	**SPC200SO**	5,500 (24,464)	**SPC200SOS**
2.50"-2.99" (6.35-7.59)	9" (22.86)	23" (58.42)	—	**—**	5,500 (24,464)	**SPC250SOS**
3.00"-3.49" (7.62-8.86)	9" (22.86)	25" (63.50)	3,800 (16,902)	**SPC300SO**	—	**—**
3.50"-3.99" (8.89-10.13)	11" (27.94)	27" (68.58)	3,250 (14,456)	**SPC350SO**	—	**—**

Dim. to Sliding Bar Fully Ext'd.



SPC125L

Looped Bale Eye, Closed Mesh Inches (cm)

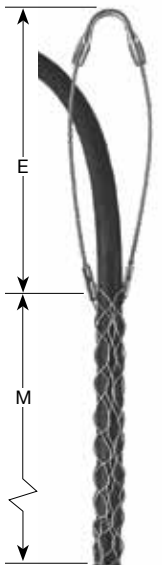
Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Double Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Offset Eye
.50"-.62" (1.27-1.57)	18" (45.72)	10" (25.40)	530 (2,357)	**SPC050L**	—	**—**
.63"-.74" (1.60-1.88)	18" (45.72)	10" (25.40)	790 (3,514)	**SPC062L**	—	**—**
.75"-.99" (1.90-2.51)	18" (45.72)	13" (33.02)	1,020 (4,537)	**SPC075L**	—	**—**
1.00"-1.24" (2.54-3.15)	18" (45.72)	14" (35.56)	1,610 (7,161)	**SPC100L**	—	**—**
1.25"-1.49" (3.17-3.78)	18" (45.72)	15" (38.10)	1,610 (7,161)	**SPC125L**	—	**—**
1.50"-1.74" (3.81-4.42)	18" (45.72)	17" (43.10)	1,610 (7,161)	**SPC150L**	—	**—**
1.75"-1.99" (4.44-5.05)	18" (45.72)	19" (48.26)	2,150 (9,563)	**SPC175L**	—	**—**
2.00"-2.49" (5.08-6.32)	18" (45.72)	21" (53.34)	3,260 (14,500)	**SPC200L**	—	**—**
2.50"-2.99" (6.35-7.59)	18" (45.72)	23" (58.42)	3,260 (14,500)	**SPC250L**	—	**—**
3.00"-3.49" (7.62-8.86)	18" (45.72)	25" (63.50)	4,900 (21,795)	**SPC300L**	—	**—**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:
- Industrial applications
- Communication towers
- Utility work and construction
- Heavy equipment



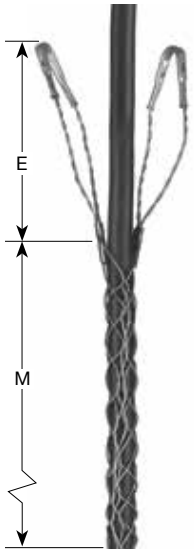
SPS125U

Single Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Single Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Single Eye
.50"-.62" (1.27-1.57)	7" (17.78)	10" (25.40)	530 (2,357)	**SPS050U**	1,370 (6,094)	**SPS050US**
.63"-.74" (1.60-1.88)	8" (20.32)	10" (25.40)	790 (3,514)	**SPS062U**	2,060 (9,163)	**SPS062US**
.75"-.99" (1.90-2.51)	8" (20.32)	13" (33.02)	1,020 (4,537)	**SPS075U**	2,060 (9,163)	**SPS075US**
1.00"-1.24" (2.54-3.15)	9" (22.86)	14" (35.56)	1,610 (7,161)	**SPS100U**	2,670 (11,876)	**SPS100US**
1.25"-1.49" (3.17-3.78)	10" (25.40)	15" (38.10)	1,610 (7,161)	**SPS125U**	4,490 (19,972)	**SPS125US**
1.50"-1.74" (3.81-4.42)	12" (30.48)	17" (43.18)	1,610 (7,161)	**SPS150U**	4,490 (19,972)	**SPS150US**
1.75"-1.99" (4.44-5.05)	14" (35.56)	19" (48.26)	2,150 (9,563)	**SPS175U**	4,375 (19,460)	**SPS175US**
2.00"-2.49" (5.08-6.32)	16" (40.64)	21" (53.34)	3,260 (14,500)	**SPS200U**	8940 (39,765)	**SPS200US**
2.50"-2.99" (6.35-7.59)	18" (45.72)	23" (58.42)	3,260 (14,500)	**SPS250U**	8,940 (39,765)	**SPS250US**
3.00"-3.49" (7.62-8.86)	21" (53.34)	25" (63.50)	4,900 (21,795)	**SPS300U**	13,420 (59,692)	**SPS300US**
3.50"-3.99" (8.89-10.13)	24" (60.96)	27" (68.58)	4,900 (21,795)	**SPS350U**	13,420 (59,692)	**SPS350US**

Double Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Double Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Single Eye
.50"-.62" (1.27-1.57)	4" (10.16)	10" (25.40)	530 (2,357)	**SPS050DE**	1,140 (5,071)	**SPS050DES**
.63"-.74" (1.60-1.88)	4" (10.16)	10" (25.40)	850 (3,781)	**SPS062DE**	2,060 (9,163)	**SPS062DES**
.75"-.99" (1.90-2.51)	5½" (13.97)	13" (33.02)	1,020 (4,537)	**SPS075DE**	2,060 (9,163)	**SPS075DES**
1.00"-1.24" (2.54-3.15)	5" (12.70)	14" (35.56)	1,610 (7,161)	**SPS100DE**	2,670 (11,876)	**SPS100DES**
1.25"-1.49" (3.17-3.78)	5" (12.70)	15" (38.10)	1,610 (7,161)	**SPS125DE**	4,490 (19,972)	**SPS125DES**
1.50"-1.74" (3.81-4.42)	5" (12.70)	17" (43.18)	1,610 (7,161)	**SPS150DE**	3,750 (16,680)	**SPS150DES**
1.75"-1.99" (4.44-5.05)	6" (15.24)	19" (48.26)	2,150 (9,563)	**SPS175DE**	5,000 (22,240)	**SPS175DES**
2.00"-2.49" (5.08-6.32)	6" (15.24)	21" (53.34)	3,260 (14,500)	**SPS200DE**	8,940 (39,765)	**SPS200DES**
2.50"-2.99" (6.35-7.59)	6" (15.24)	23" (58.42)	3,260 (14,500)	**SPS250DE**	—	**—**
3.00"-3.49" (7.62-8.86)	8" (20.32)	25" (63.50)	4,900 (21,795)	**SPS300DE**	—	**—**
3.50"-3.99" (8.89-10.13)	8" (20.32)	27" (68.58)	4,900 (21,795)	**SPS350DE**	—	**—**



SPS125DE

Designed for use when cable ends are unavailable. The grip is wrapped around the cable and then drawn closed with a wire lace. It is important that the wire lacing be the same type and gauge as supplied with the grip from the factory.

The following procedures should be used when installing the grip:

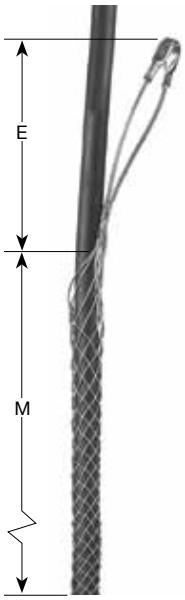
Bend the wire lace in the middle so both ends are even. Wrap grip around the cable. Starting at the first loop closest to the eye, thread each end of the wire lace through the first loop on each side of the split, pull both ends of the lace until they are even. Criss-cross laces and thread each end of the lace through the next loop, on opposite sides of the split. Continue doing the same for the full length of the split, pulling the lace after each loop so the space between both sides of the split is no greater than the spaces of the mesh. When end of split is reached, twist lacing tightly together. Wrap ends of lace around grip. Twist ends to secure. Only new laces should be used. A split grip is only as good as its lacing or closing of the split.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:
- Industrial applications
- Communication towers
- Utility work and construction
- Heavy equipment



SPS150SO

Offset Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze	
	E	M	Approx. Breaking Strength Lbs. (N)	Offset Eye
.50"-.62" (1.27-1.57)	4" (10.16)	10" (25.40)	500 (2,724)	**SPS050SO**
.63"-.74" (1.60-1.88)	4" (10.16)	10" (25.40)	750 (3,336)	**SPS062SO**
.75"-.99" (1.90-2.51)	4" (10.16)	13" (33.02)	950 (4,226)	**SPS075SO**
1.00"-1.24" (2.54-3.15)	5" (12.70)	14" (35.56)	1,500 (6,672)	**SPS100SO**
1.25"-1.49" (3.17-3.78)	5" (12.70)	15" (38.10)	1,500 (6,672)	**SPS125SO**
1.50"-1.74" (3.81-4.42)	5" (12.70)	17" (43.18)	1,500 (6,672)	**SPS150SO**
1.75"-1.99" (4.44-5.05)	6" (15.24)	19" (48.26)	1,800 (8,006)	**SPS175SO**
2.00"-2.49" (5.08-6.32)	9" (22.86)	21" (53.34)	2,150 (9,563)	**SPS200SO**
2.50"-2.99" (6.35-7.59)	9" (22.86)	23" (58.42)	2,150 (9,563)	**SPS250SO**
3.00"-3.49" (7.62-8.86)	11" (27.94)	25" (63.50)	3,250 (14,456)	**SPS300SO**
3.50"-3.99" (8.89-10.13)	11" (27.94)	27" (68.58)	3,250 (14,456)	**SPS350SO**

Dim. to Sliding Bar Fully Ext'd.

SPS150L

Looped Bale Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze	
	E	M	Approx. Breaking Strength Lbs. (N)	Offset Eye
.50"-.62" (1.27-1.57)	18" (45.72)	10" (25.40)	530 (2,357)	**SPS050L**
.63"-.74" (1.60-1.88)	18" (45.72)	10" (25.40)	790 (3,514)	**SPS062L**
.75"-.99" (1.90-2.51)	18" (45.72)	13" (33.02)	1,020 (4,537)	**SPS075L**
1.00"-1.24" (2.54-3.15)	18" (45.72)	14" (35.56)	1,610 (7,161)	**SPS100L**
1.25"-1.49" (3.17-3.78)	18" (45.72)	15" (38.10)	1,610 (7,161)	**SPS125L**
1.50"-1.74" (3.81-4.42)	18" (45.72)	17" (43.18)	1,610 (7,161)	**SPS150L**
1.75"-1.99" (4.44-5.05)	18" (45.72)	19" (48.26)	2,150 (9,563)	**SPS175L**
2.00"-2.49" (5.08-6.32)	18" (45.72)	21" (53.34)	3,260 (14,500)	**SPS200L**
2.50"-2.99" (6.35-7.59)	18" (45.72)	23" (58.42)	3,260 (14,500)	**SPS250L**
3.00"-3.49" (7.62-8.86)	18" (45.72)	25" (63.50)	4,900 (21,795)	**SPS300L**
3.50"-3.99" (8.89-10.13)	18" (45.72)	27" (68.58)	4,900 (21,795)	**SPS350L**

Note: Stainless steel support grips are available upon request. Consult Factory.

Designed for use when cable ends are unavailable. The grip is wrapped around the cable and then drawn closed with a wire lace. It is important that the wire lacing be the same type and gauge as supplied with the grip from the factory.

The following procedures should be used when installing the grip:

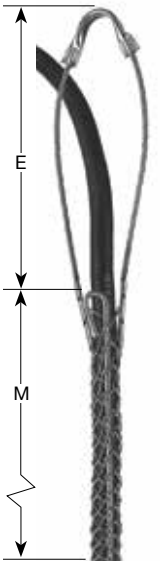
Bend the wire lace in the middle so both ends are even. Wrap grip around the cable. Starting at the first loop closest to the eye, thread each end of the wire lace through the first loop on each side of the split, pull both ends of the lace until they are even. Criss-cross laces and thread each end of the lace through the next loop, on opposite sides of the split. Continue doing the same for the full length of the split, pulling the lace after each loop so the space between both sides of the split is no greater than the spaces of the mesh. When end of split is reached, twist lacing tightly together. Wrap ends of lace around grip. Twist ends to secure. Only new laces should be used. A split grip is only as good as its lacing or closing of the split.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Supporting vertical and horizontal runs of cable indoors and outdoors when ends of cable are not available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

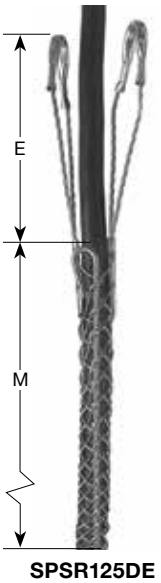
Ideal For Use In:
- Industrial applications
- Communication towers
- Utility work
- Heavy equipment
- Construction



SPSR125U

Single Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Approx. Breaking Strength Lbs. (N)	Single Eye
.50"-.62" (1.27-1.57)	7" (17.78)	6½" (16.51)	790 (3,514)	**SPSR050U**	1,050 (4,670)	**SPSR050US**
.63"-.74" (1.60-1.88)	8" (20.32)	8½" (21.59)	790 (3,514)	**SPSR062U**	2,050 (9,118)	**SPSR062US**
.75"-.99" (1.90-2.51)	8" (20.32)	10½" (26.67)	1,020 (4,537)	**SPSR075U**	2,050 (9,118)	**SPSR075US**
1.00"-1.24" (2.54-3.15)	9" (22.86)	12½" (31.75)	1,610 (7,161)	**SPSR100U**	2,650 (11,787)	**SPSR100US**
1.25"-1.49" (3.17-3.78)	10" (25.40)	14½" (36.83)	1,610 (7,161)	**SPSR125U**	4,500 (20,016)	**SPSR125US**
1.50"-1.74" (3.81-4.42)	12" (30.48)	15½" (39.37)	1,610 (7,161)	**SPSR150U**	4,500 (20,016)	**SPSR150US**
1.75"-1.99" (4.44-5.05)	14" (35.56)	16½" (41.91)	2,150 (9,563)	**SPSR175U**	6,000 (26,688)	**SPSR175US**
2.00"-2.49" (5.08-6.32)	16" (40.64)	19½" (49.53)	3,260 (14,500)	**SPSR200U**	8,950 (39,810)	**SPSR200US**
2.50"-2.99" (6.35-7.59)	18" (45.72)	21½" (54.61)	3,260 (14,500)	**SPSR250U**	7,750 (34,472)	**SPSR250US**
3.00"-3.49" (7.62-8.86)	21" (53.34)	23½" (59.69)	5,750 (25,576)	**SPSR300U**	8,500 (37,808)	**SPSR300US**
3.50"-3.99" (8.89-10.13)	24" (60.96)	25½" (64.77)	5,750 (25,576)	**SPSR350U**	—	**—**



SPSR125DE

Double Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Double Eye	Approx. Breaking Strength Lbs. (N)	Double Eye
.50"-.62" (1.27-1.57)	4" (10.16)	6½" (16.51)	790 (3,514)	**SPSR050DE**	—	**—**
.63"-.74" (1.60-1.88)	4" (10.16)	8½" (21.59)	790 (3,514)	**SPSR062DE**	2,050 (9,118)	**SPSR062DES**
.75"-.99" (1.90-2.51)	5½" (13.97)	10½" (26.67)	1,020 (4,537)	**SPSR075DE**	2,050 (9,118)	**SPSR075DES**
1.00"-1.24" (2.54-3.15)	5" (12.70)	12½" (31.75)	1,610 (7,161)	**SPSR100DE**	2,650 (11,787)	**SPSR100DES**
1.25"-1.49" (3.17-3.78)	5" (12.70)	14½" (36.83)	1,610 (7,161)	**SPSR125DE**	—	**—**
1.50"-1.74" (3.81-4.42)	5" (12.70)	15½" (39.37)	1,610 (7,161)	**SPSR150DE**	3,750 (16,680)	**SPSR150DES**
1.75"-1.99" (4.44-5.05)	6" (15.24)	16½" (41.91)	2,150 (9,563)	**SPSR175DE**	5,000 (22,240)	**SPSR175DES**
2.00"-2.49" (5.08-6.32)	6" (15.24)	19½" (49.53)	3,260 (14,500)	**SPSR200DE**	8,950 (39,810)	**SPSR200DES**
2.50"-2.99" (6.35-7.59)	6" (15.24)	21½" (54.61)	3,260 (14,500)	**SPSR250DE**	8,950 (39,810)	**SPSR250DES**
3.00"-3.49" (7.62-8.86)	8" (20.32)	23½" (59.69)	5,750 (25,576)	**SPSR300DE**	—	**—**
3.50"-3.99" (8.89-10.13)	8" (20.32)	25½" (64.77)	5,750 (25,576)	**SPSR350DE**	—	**—**



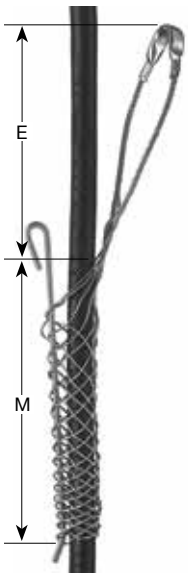

The following procedures should be used when installing the grip:
Wrap the grip around the cable and thread the rod through the pre-formed loops with a corkscrew motion, using the curved end of the rod to engage the loops. This requires a simultaneous steady twist and push motion. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull out rod.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Supporting vertical and horizontal runs of cable indoors and outdoors when ends of cable are not available

- Available for light duty, standard duty and heavy duty applications
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:
- Industrial applications
- Communication towers
- Heavy equipment
- Utility work
- Construction

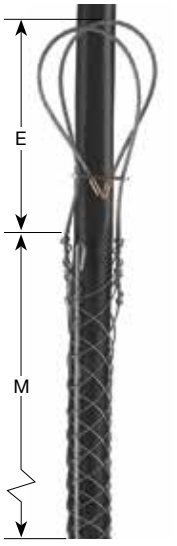


SPSR125SO

Offset Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Offset Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Single Eye
.63"-.74" (1.60-1.88)	4" (10.16)	9" (22.86)	750 (3,336)	**SPSR062SO**	1,950 (8,674)	**SPSR062SOS**
.75"-.99" (1.90-2.51)	4" (10.16)	10" (25.40)	950 (4,226)	**SPSR075SO**	1,950 (8,674)	**SPSR075SOS**
1.00"-1.24" (2.54-3.15)	5" (12.70)	12" (30.48)	1,500 (6,672)	**SPSR100SO**	2,500 (11,121)	**SPSR100SOS**
1.25"-1.49" (3.17-3.78)	5" (12.70)	14" (35.56)	1,500 (6,672)	**SPSR125SO**	4,200 (18,683)	**SPSR125SOS**
1.50"-1.74" (3.81-4.42)	5" (12.70)	15" (38.10)	1,500 (6,672)	**SPSR150SO**	4,500 (20,017)	**SPSR150SOS**
1.75"-1.99" (4.44-5.05)	6" (15.24)	16" (40.64)	2,000 (8,896)	**SPSR175SO**	4,375 (19,461)	**SPSR175SOS**
2.00"-2.49" (5.08-6.32)	9" (22.86)	19" (48.26)	3,100 (13,789)	**SPSR200SO**	—	**—**
2.50"-2.99" (6.35-7.59)	9" (22.86)	20" (50.80)	3,100 (13,789)	**SPSR250SO**	—	**—**
3.00"-3.49" (7.62-8.86)	11" (27.94)	21" (53.34)	4,300 (19,127)	**SPSR300SO**	—	**—**
3.50"-3.99" (8.89-10.13)	11" (27.94)	24" (60.96)	4,300 (19,127)	**SPSR350SO**	—	**—**

Dim. to Sliding Bar Fully Ext'd.



SPSR125L

Looped Bale Eye, Split Mesh, Rod Closing Inches (cm)

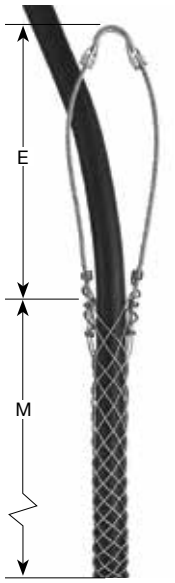
Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Double Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Single Eye
.63"-.74" (1.60-1.88)	18" (45.72)	8½" (21.59)	790 (3,514)	**SPSR062L**	—	**—**
.75"-.99" (1.90-2.51)	18" (45.72)	10½" (26.67)	1,020 (4,537)	**SPSR075L**	—	**—**
1.00"-1.24" (2.54-3.15)	18" (45.72)	12½" (31.75)	1,610 (7,161)	**SPSR100L**	—	**—**
1.25"-1.49" (3.17-3.78)	18" (45.72)	14½" (36.83)	1,610 (7,161)	**SPSR125L**	—	**—**
1.75"-1.99" (4.44-5.05)	18" (45.72)	16½" (41.91)	2,150 (9,564)	**SPSR175L**	—	**—**
2.00"-2.49" (5.08-6.32)	18" (45.72)	19½" (49.53)	3,260 (14,501)	**SPSR200L**	—	**—**
2.50"-2.99" (6.35-7.59)	18" (45.72)	21½" (54.61)	3,260 (14,501)	**SPSR250L**	—	**—**

Split rod closing grips are used for pulling slack or providing support when ends of cable are not available. The provided stainless steel rod makes threading fast and easy. The strands of mesh pass around the rod and match up with strands from the opposite direction. Since the rod does not touch the cable at any point it cannot cut the cable. Rod closing grips can be removed and reused as many times as desired.

The following procedures should be used when installing the grip:
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. This requires a simultaneous steady twist and push motion. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull out rod.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Service Drop, Heavy Duty Support Grips



SPJ075UD

Application:
For heavy duty support of all types of suspended service cables used in indoor or outdoor minimum abuse environments

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

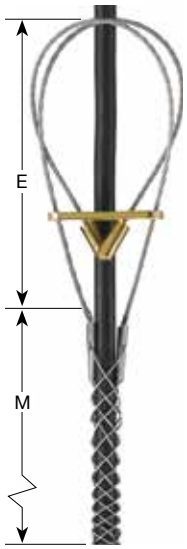
- Industrial
- Communication towers
- Utility work and construction
- Transportation power systems
- Residential

Single Eye and Looped Bale Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Looped Bale Eye		
		Inches (cm)		Tin-Coated Bronze	Inches (cm)		Tin-Coated Bronze
		E	M		E	M	
.23"-.31" (.58-.79)	500 (2,224)	5½" (13.97)	4½" (11.43)	**SPJ023UD**	11" (27.94)	4½" (11.43)	**SPJ023LD**
.29"-.37" (.74-.94)	500 (2,224)	5½" (13.97)	5½" (13.97)	**SPJ029UD**	11" (27.94)	5½" (13.97)	**SPJ029LD**
.35"-.44" (.89-1.12)	870 (3,870)	6" (15.24)	6½" (16.51)	**SPJ035UD**	12" (30.48)	6½" (16.51)	**SPJ035LD**
.41"-.50" (1.04-1.27)	870 (3,870)	6" (15.24)	7½" (19.05)	**SPJ041UD**	12" (30.48)	7½" (19.05)	**SPJ041LD**
.46"-.56" (1.17-1.42)	1,050 (4,670)	6" (15.24)	8" (20.32)	**SPJ046UD**	12" (30.48)	8" (20.32)	**SPJ046LD**
.52"-.62" (1.32-1.57)	1,050 (4,670)	7" (17.78)	8½" (21.59)	**SPJ052UD**	13" (33.02)	8½" (21.59)	**SPJ052LD**
.58"-.68" (1.47-1.73)	1,050 (4,670)	7" (17.78)	9½" (24.13)	**SPJ058UD**	13" (33.02)	9½" (24.13)	**SPJ058LD**
.64"-.75" (1.63-1.90)	1,390 (6,183)	7" (17.78)	9½" (24.13)	**SPJ064UD**	13" (33.02)	9½" (24.13)	**SPJ064LD**
.75"-.87" (1.90-2.21)	1,390 (6,183)	8" (20.32)	10½" (26.67)	**SPJ075UD**	14" (35.56)	10½" (26.67)	**SPJ075LD**
.87"-1.00" (2.21-2.54)	1,790 (7,962)	8" (20.32)	11½" (29.21)	**SPJ087UD**	14" (35.56)	11½" (29.21)	**SPJ087LD**
1.00"-1.18" (2.54-3.00)	1,790 (7,962)	9" (22.86)	13½" (34.29)	**SPJ100UD**	15" (38.10)	13½" (34.29)	**SPJ100LD**
1.06"-1.24" (2.69-3.15)	1,790 (7,962)	9" (22.86)	14½" (36.83)	**SPJ106UD**	15" (38.10)	14½" (36.83)	**SPJ106LD**

Service Drop, Light Duty Support Grips

Dim. to Sliding Bar Fully Ext'd.



SPJ075L

Application:
For light duty support of all types of suspended service cables used in indoor or outdoor minimum abuse environments

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

- Industrial applications
- Communication towers
- Utility work and construction
- Transportation power systems
- Residential

Single Eye and Looped Bale Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Looped Bale Eye		
		Inches (cm)		Tin-Coated Bronze	Inches (cm)		Tin-Coated Bronze
		E	M		E	M	
.23"-.31" (.58-.79)	290 (1,290)	3" (7.62)	3¾" (9.52)	**SPJ023U**	9" (22.86)	3¾" (9.52)	**SPJ023L**
.29"-.37" (.74-.94)	290 (1,290)	5" (12.70)	4½" (11.43)	**SPJ029U**	10" (25.40)	4¼" (11.43)	**SPJ029L**
.35"-.44" (.89-1.12)	500 (2,224)	5½" (13.97)	4¾" (12.06)	**SPJ035U**	10" (25.40)	4¾" (12.06)	**SPJ035L**
.41"-.50" (1.04-1.27)	500 (2,224)	5½" (13.97)	5" (12.70)	**SPJ041U**	11" (27.94)	5" (12.70)	**SPJ041L**
.46"-.56" (1.17-1.42)	660 (2,936)	6" (15.24)	5¼" (13.33)	**SPJ046U**	12" (30.48)	5¼" (13.33)	**SPJ046L**
.52"-.62" (1.32-1.57)	790 (3,514)	7" (17.78)	6¼" (15.87)	**SPJ052U**	13" (33.02)	6¼" (15.87)	**SPJ052L**
.58"-.68" (1.47-1.73)	790 (3,514)	7" (17.78)	6½" (16.51)	**SPJ058U**	13" (33.02)	6½" (16.51)	**SPJ058L**
.64"-.75" (1.63-1.90)	790 (3,514)	7" (17.78)	6¾" (17.14)	**SPJ064U**	13" (33.02)	6¾" (17.14)	**SPJ064L**
.75"-.87" (1.90-2.21)	1,020 (4,537)	8" (20.32)	8" (20.32)	**SPJ075U**	14" (35.56)	8" (20.32)	**SPJ075L**
.87"-1.00" (2.21-2.54)	1,020 (4,537)	8" (20.32)	8¾" (22.22)	**SPJ087U**	14" (35.56)	8¾" (22.22)	**SPJ087L**
1.00"-1.18" (2.54-3.00)	1,020 (4,537)	9" (22.86)	9½" (24.13)	**SPJ100U**	15" (38.10)	9½" (24.13)	**SPJ100L**
1.06"-1.25" (2.69-3.17)	1,020 (4,537)	9" (22.86)	9½" (24.13)	**SPJ106U**	15" (38.10)	9½" (24.13)	**SPJ106L**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Bus Drop Support Grips

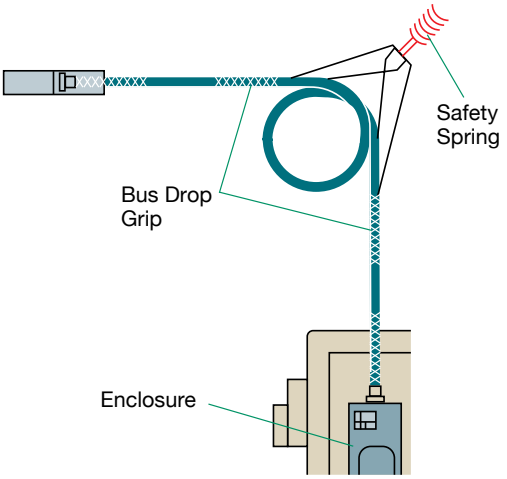
Application:

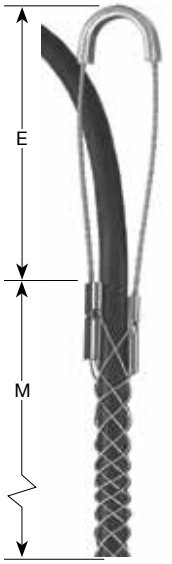
Used for light duty support of the dead weight of flexible cable connections of electrical machinery to bus ducts, relieving strain, pull, vibration, and flexing, when used with safety springs, these grips reduce tension, prevent pullouts, electrical accidents, and downtime, often used in conjunction with strain relief grips

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible

Ideal For Use In:

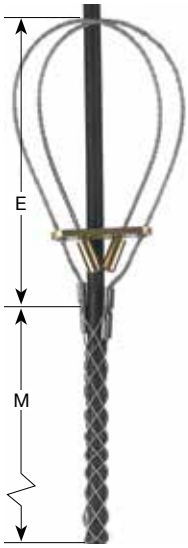
- All factory equipment
- Cable drops for electrical connections





BDS56U

Dim. to Sliding Bar Fully Ext'd.



BDS56L

Single Eye and Looped Bale Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Looped Bale Eye		
		Inches (cm)		Galvinized Steel	Inches (cm)		Galvinized Steel
		E	M		E	M	
.24"-.32" (.61-.81)	350 (1,557)	3" (7.62)	3½" (8.89)	**BDS24U**	9" (22.86)	3½" (8.89)	**BDS24L**
.32"-.43" (.81-1.09)	450 (2,002)	4" (10.16)	4" (10.16)	**BDS32U**	10" (25.40)	4" (10.16)	**BDS32L**
.43"-.56" (1.09-1.42)	550 (2,446)	6" (15.24)	4¾" (12.06)	**BDS43U**	12" (30.48)	4¾" (12.06)	**BDS43L**
.56"-.73" (1.42-1.85)	1,000 (4,448)	7" (17.78)	6" (15.24)	**BDS56U**	13" (33.02)	6" (15.24)	**BDS56L**
.73"-.85" (1.85-2.16)	1,400 (6,227)	7" (17.78)	6¾" (17.14)	**BDS73U**	13" (33.02)	6¾" (17.14)	**BDS73L**
.85"-1.00" (2.16-2.54)	1,400 (6,227)	8" (20.32)	8" (20.32)	**BDS85U**	14" (35.56)	8" (20.32)	**BDS85L**
1.00"-1.25" (2.54-3.17)	1,500 (6,672)	9" (22.86)	9½" (24.13)	**BDS100U**	15" (38.10)	9½" (24.13)	**BDS100L**

S80

Bus Drop Safety Springs Inches (cm)

Diameter Inches (cm)	Approx. Breaking Strength Lbs. (N)	Length Inches (cm)	Maximum Deflection Inches/Lbs. (cm/N)	Catalog Number
¾" (1.90)	500 (2,224)	8¼" (20.95)	2¾" at 40 Lbs. (6.67 cm at 178 N)	**S40**
1" (2.54)	850 (3,781)	8¼" (20.95)	3⅛" at 80 Lbs. (7.94 cm at 356 N)	**S80**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Conduit Riser Support Grips

Application:

Supports vertical or sloping cable in schedule 40 rigid PVC conduit or standard electrical rigid metal conduit, prevents strain on terminals by transferring weight to support rim of the conduit, **not suitable** for EMT

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, **not suitable** for use with EMT
- Bryant Economy Conduit Riser Support Grips meet the requirements of NEC® 300.19

Ideal For Use In:

- Building and pole risers
- Underground cable lines
- Areas where ring termination is practical

CC125R3

Ring Type, Closed Mesh Inches (cm)

Cable Dia. Range Inches (cm)	.50"-.62" (1.27-1.57)	.63"-.74" (1.60-1.88)	.75"-.99" (1.90-2.51)	1.00"-1.24" (2.54-3.15)	1.25"-1.49" (3.17-3.78)	1.50"-1.74" (3.81-4.42)
Length Inches (cm)	8" (20.32)	9" (22.86)	11" (27.94)	12" (30.48)	12½" (31.75)	14" (35.56)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)					
¾"	**CC050R34** 440 (1,957)	—	—	—	—	—
1"	**CC050R1** 480 (2,135)	**CC062R1** 790 (3,514)	—	—	—	—
1¼"	**CC050R114** 450 (2,002)	**CC062R114** 740 (3,292)	**CC075R114** 1,030 (4,581)	—	—	—
1½"	—	**CC062R112** 690 (3,069)	**CC075R112** 980 (4,359)	**CC100R112** 590 (2,624)	—	—
2"	**CC050R2** 370 (1,645)	**CC062R2** 640 (2,847)	**CC075R2** 920 (4,092)	**CC100R2** 1,520 (6,761)	**CC125R2** 1,610 (7,161)	—
2½"	—	—	—	—	—	**CC150R212** 1,610 (7,161)
3"	—	—	**CC075R3** 820 (3,647)	**CC100R3** 1,340 (5,960)	**CC125R3** 1,400 (6,227)	**CC150R3** 1,490 (6,627)
4"	—	—	**CC075R4** 720 (3,203)	**CC100R4** 1,160 (5,160)	**CC125R4** 1,205 (5,338)	—

Cable Dia. Range Inches (cm)	1.75"-1.99" (4.44-5.05)	2.00"-2.49" (5.08-6.32)	2.50"-2.99" (6.35-7.59)	3.00"-3.49" (7.62-8.86)	3.50"-3.99" (8.89-10.13)
Length Inches (cm)	15" (38.10)	16½" (41.91)	18" (45.72)	20" (50.80)	21" (53.34)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)				
2½"	**CC175R212** 2,150 (9,563)	—	—	—	—
3"	**CC175R3** 1,990 (8,851)	**CC200R3** 3,260 (14,500)	—	—	—
3½"	—	**CC200R312** 2,970 (13,211)	**CC250R312** 3,260 (14,500)	—	—
4"	**CC175R4** 1,667 (7,410)	**CC200R4** 2,670 (11,876)	**CC250R4** 2,890 (12,855)	**CC300R4** 4,080 (18,148)	—
5"	—	—	**CC250R5** 2,160 (9,608)	**CC300R5** 2,860 (12,721)	**CC350R5** 3,160 (14,056)
6"	—	—	—	**CC300R6** 2,240 (9,963)	**CC350R6** 2,240 (9,963)

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Conduit Riser Support Grips

Application:

Supports vertical or sloping cable in schedule 40 rigid PVC conduit or standard electrical rigid metal conduit, prevents strain on terminals by transferring weight to support rim of the conduit, **not suitable** for EMT

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, **not suitable** for use with EMT
- Bryant Economy Conduit Riser Support Grips meet the requirements of NEC® 300.19

Ideal For Use In:

- Building and pole risers
- Underground cable lines
- Areas where ring termination is practical

Ring Type, Split Mesh, Lace Closing Inches (cm)

Cable Dia. Range Inches (cm)	.75"-.99" (1.90-2.51)	1.00"-1.24" (2.54-3.15)	1.25"-1.49" (3.17-3.78)	1.50"-1.74" (3.81-4.42)	1.75"-1.99" (4.44-5.05)
Length Inches (cm)	11" (27.94)	12" (30.48)	12½" (31.75)	14" (35.56)	15" (38.10)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)				
1½"	—	**CSD100L112** 2,040 (9,074)	—	—	—
2"	**CSD075L2** 1,420 (6,316)	**CSD100L2** 1,920 (8,540)	**CSD125L2** 2,040 (9,074)	—	—
2½"	—	—	**CSD125L212** 1,910 (8,496)	**CSD150L212** 2,040 (9,074)	**CSD175L212** 2,730 (12,143)
3"	—	—	**CSD125L3** 1,780 (7,917)	**CSD150L3** 1,880 (8,362)	**CSD175L3** 2,520 (11,209)
4"	—	—	—	**CSD150L4** 1,580 (7,028)	**CSD175L4** 2,110 (9,385)

Cable Dia. Range Inches (cm)	2.00"-2.49" (5.08-6.32)	2.50"-2.99" (6.35-7.59)	3.00"-3.49" (7.62-8.86)	3.50"-3.99" (8.89-10.13)
Length Inches (cm)	16½" (41.91)	18" (45.72)	20" (50.80)	21" (53.34)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)			
3"	**CSD200L3** 4,300 (19,126)	—	—	—
3½"	**CSD200L312** 3,910 (17,392)	**CSD250L312** 4,300 (19,126)	—	—
4"	**CSD200L4** 3,530 (15,701)	**CSD250L4** 3,820 (16,991)	**CSD300L4** 5,380 (23,930)	—
5"	—	**CSD250L5** 2,849 (12,672)	**CSD300L5** 3,760 (16,724)	**CSD350L5** 4,170 (18,548)
6"	—	**CSD250L6** 2,365 (10,519)	**CSD300L6** 2,955 (13,144)	**CSD350L6** 2,955 (13,144)

CSD125L3

Designed for use when cable ends are unavailable. The grip is wrapped around the cable and then drawn closed with a wire lace. It is important that the wire lacing be the same type and gauge as supplied with the grip from the factory.

The following procedures should be used when installing the grip:

Bend the wire lace in the middle so both ends are even. Wrap grip around the cable. Starting at the first loop closest to the eye, thread each end of the wire lace through the first loop on each side of the split, pull both ends of the lace until they are even. Criss-cross laces and thread each end of the lace through the next loop, on opposite sides of the split. Continue doing the same for the full length of the split, pulling the lace after each loop so the space between both sides of the split is no greater than the spaces of the mesh. When end of split is reached, twist lacing tightly together. Wrap ends of lace around grip. Twist ends to secure. Only new laces should be used. A split grip is only as good as its lacing or closing of the split.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Conduit Riser Support Grips

Application:

Supports vertical or sloping cable in schedule 40 rigid PVC conduit or standard electrical rigid metal conduit, prevents strain on terminals by transferring weight to support rim of the conduit, **not suitable** for EMT

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, **not suitable** for use with EMT
- Bryant Economy Conduit Riser Support Grips meet the requirements of NEC® 300.19

Ideal For Use In:

- Building and pole risers
- Underground cable lines
- Areas where ring termination is practical

CSR125R3

Ring Type, Split Mesh, Rod Closing Inches (cm)

Cable Dia. Range Inches (cm)	.75"-.99" (1.90-2.51)	1.00"-1.24" (2.54-3.15)	1.25"-1.49" (3.17-3.78)	1.50"-1.74" (3.81-4.42)	1.75"-1.99" (4.44-5.05)	2.00"-2.49" (5.08-6.32)	2.50"-2.99" (6.35-7.59)
Length Inches (cm)	10½" (26.67)	12" (30.48)	13½" (34.29)	14" (35.56)	15½" (39.37)	16" (40.64)	18½" (46.99)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)						
1¼"	**CSR075R114** 1,020 (4,537)	—	—	—	—	—	—
1½"	**CSR075R112** 970 (4,315)	**CSR100R112** 1,610 (7,161)	—	—	—	—	—
2"	—	**CSR100R2** 1,520 (6,761)	**CSR125R2** 1,610 (7,161)	—	—	—	—
2½"	—	**CSR100R212** 1,430 (6,361)	**CSR125R212** 1,510 (6,716)	**CSR150R212*** 2,150 (9,563)	—	—	—
3"	—	—	**CSR125R3** 1,400 (6,227)	**CSR150R3*** 1,990 (8,851)	**CSR175R3** 1,990 (8,851)	**CSR200R3** 3,260 (14,500)	—
3½"	—	—	—	—	—	**CSR200R312** 2,970 (13,211)	**CSR250R312** 3,260 (14,500)
4"	—	—	—	—	—	**CSR200R4** 2,670 (11,876)	**CSR250R4** 2,890 (17,855)

Split rod closing grips are used for pulling slack or providing support when ends of cable are not available. The provided stainless steel rod makes threading fast and easy. The strands of mesh pass around the rod and match up with strands from the opposite direction. Since the rod does not touch the cable at any point it cannot cut the cable. Rod closing grips can be removed and reused as many times as desired.

The following procedures should be used when installing the grip:
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. This requires a simultaneous steady twist and push motion. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull out rod.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Special Purpose Splicing Grips

FTD10024

Application:

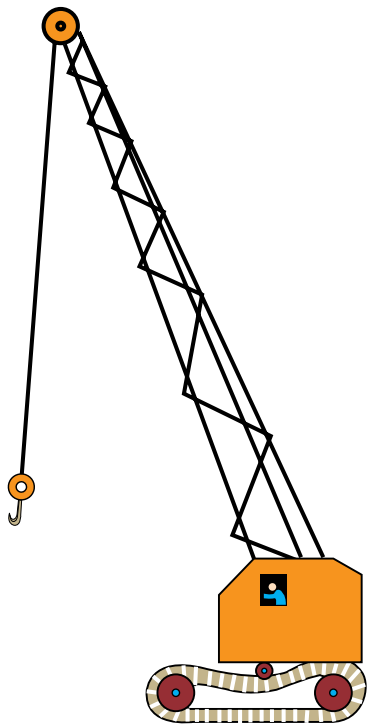
Temporary splice for cable and wire rope, can be used as cable reinforcement and to protect cables and hoses from abrasion, used to replace old wire rope with new wire rope

Ideal For Use In:

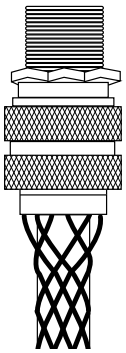
- Cranes
- Oil derricks
- Drag lines
- Hoists
- Factory control cables

Flexible Tube Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Mesh Length Inches (cm)	Catalog Number
.37"-.49" (.94-1.24)	3,200 (14,234)	18" (45.72)	**FTD03718**
.50"-.61" (1.27-1.55)	3,200 (14,234)	18" (45.72)	**FTD05018**
.50"-.61" (1.27-1.55)	3,200 (14,234)	24" (60.96)	**FTD05024**
.62"-.74" (1.57-1.88)	4,000 (17,792)	18" (45.72)	**FTD06218**
.62"-.74" (1.57-1.88)	4,000 (17,792)	24" (60.96)	**FTD06224**
.62"-.74" (1.57-1.88)	4,000 (17,792)	36" (91.44)	**FTD06236**
.75"-.99" (1.90-2.51)	6,800 (30,246)	24" (60.96)	**FTD07524**
.75"-.99" (1.90-2.51)	6,800 (30,246)	36" (91.44)	**FTD07536**
.75"-.99" (1.90-2.51)	6,800 (30,246)	48" (121.92)	**FTD07548**
.75"-.99" (1.90-2.51)	6,800 (30,246)	72" (182.88)	**FTD07572**
1.00"-1.49" (2.54-3.78)	9,000 (40,032)	24" (60.96)	**FTD10024**
1.00"-1.49" (2.54-3.78)	9,100 (40,477)	36" (91.44)	**FTD10036**
1.00"-1.49" (2.54-3.78)	9,100 (40,477)	48" (121.92)	**FTD10048**
1.00"-1.49" (2.54-3.78)	9,100 (40,477)	72" (182.88)	**FTD10072**

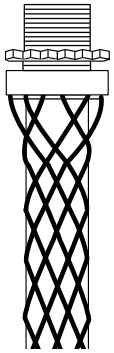


CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**



Deluxe Cord

Indoor or outdoor use where subject to moisture, splash, or washdown. Examples are crane hoist and pendant drop stations, hand tools, pumps, and processing equipment. See pages M-23 and M-24.



Wide Range Strain Relief

Indoor use only for wiring of electrical enclosures, machine tools, portable power tools, and bus drop cable systems. See page M-25.

Liquidtight, Flexible Metal Conduit

Wiring of machine tools, electrical enclosures, motors, and systems subjected to vibration, flexure, motion, or strain. Also available in straight, 90° or 45° configurations. See page M-25.

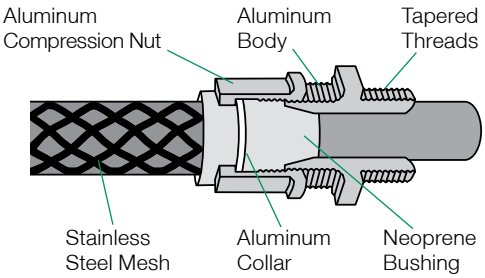
Deluxe Cord Strain Relief Grips

Application:

Indoor and outdoor environments where cable or arc-of-bend control, cord is exposed to moisture, splash or washdown, provides pullout from tension, vibration, motion and strain

Ideal For Use In:

- Industrial applications
- Chemical machinery
- Control cabinets
- Pumps and compressors
- Machine tool shops
- Motor connections



DC6234

Deluxe Cord Grips Inches (cm)

NPT Hub Size Inches	Grip Dia. Range Inches (cm)	Straight Male Thread
⅜"	.250"-.312" (.63-.79)	**DC2538**
	.312"-.375" (.79-.95)	**DC3138**
	.375"-.437" (.95-1.11)	**DC3738**
½"	.187"-.250" (.47-.63)	**DC1812**
	.250"-.375" (.63-.95)	**DC2512**
	.375"-.500" (.95-1.27)	**DC3712**
	.500"-.625" (1.27-1.59)	**DC5012**
	.625"-.750" (1.59-1.90)	**DC6212**
¾"	.187"-.250" (.47-.63)	**DC1834**
	.250"-.375" (.63-.95)	**DC2534**
	.375"-.500" (.95-1.27)	**DC3734**
	.500"-.625" (1.27-1.59)	**DC5034**
	.625"-.750" (1.59-1.90)	**DC6234**
	.750"-.875" (1.90-2.22)	**DC7534**
1"	.500"-.625" (1.27-1.59)	**DC501**
	.625"-.750" (1.59-1.90)	**DC621**
	.750"-.875" (1.90-2.22)	**DC751**
	.875"-1.000" (2.22-2.54)	**DC871**
1¼"	.875"-1.000" (2.22-2.54)	**DC87114**
	1.000"-1.125" (2.54-2.86)	**DC100114**
	1.125"-1.250" (2.86-3.17)	**DC112114**
	1.250"-1.375" (3.17-3.49)	**DC125114**
1½"	.875"-1.000" (2.22-2.54)	**DC87112**
	1.000"-1.125" (2.54-2.86)	**DC100112**
	1.125"-1.250" (2.86-3.17)	**DC112112**
	1.250"-1.375" (3.17-3.49)	**DC125112**
	1.312"-1.437" (3.33-3.65)	**DC131112**
	1.437"-1.562" (3.65-3.97)	**DC143112**
	1.562"-1.687" (3.97-4.28)	**DC156112**
	1.687"-1.812" (4.28-4.60)	**DC168112**

NPT Hub Size Inches	Grip Dia. Range Inches (cm)	Straight Male Thread
2"	1.312"-1.437" (3.33-3.65)	**DC1312**
	1.437"-1.562" (3.65-3.97)	**DC1432**
	1.562"-1.687" (3.97-4.28)	**DC1562**
	1.687"-1.812" (4.28-4.60)	**DC1682**
	1.750"-1.875" (4.44-4.76)	**DC1752**
	1.812"-1.937" (4.60-4.92)	**DC181X2**
	1.937"-2.062" (4.92-5.24)	**DC1932**
	2.062"-2.187" (5.24-5.55)	**DC2062**
2½"	1.687"-1.812" (4.28-4.60)	**DC168212**
	1.812"-1.937" (4.60-4.92)	**DC181212**
	1.937"-2.062" (4.92-5.24)	**DC193212**
	2.062"-2.187" (5.24-5.55)	**DC206212**
	2.187"-2.312" (5.55-5.87)	**DC218212**
	2.312"-2.437" (5.87-6.19)	**DC231212**
3"	1.937"-2.062" (4.92-5.24)	**DC1933**
	2.063"-2.187" (5.24-5.55)	**DC2063**
	2.187"-2.312" (5.55-5.87)	**DC2183**
	2.312"-2.437" (5.87-6.19)	**DC2313**
	2.437"-2.625" (6.19-6.67)	**DC2433**
	2.625"-2.812" (6.67-7.14)	**DC2623**
	2.812"-3.000" (7.14-7.62)	**DC2813**

Deluxe Cord Strain Relief Grips

DC62F34

Application:

Used for indoor and outdoor environments where cable or cord is exposed to moisture, splash or washdown, prevents pullout from tension, vibration, motion and strain applications associated with such environmental conditions, and controls arc-of-bend by absorbing tension from terminals

Ideal For Use In:

- Food processing equipment
- Chemical machinery
- Switch boxes
- Pumps and compressors
- Motors and machine tools
- Drop stations

DC62434

DC50934

Deluxe Cord Grips Inches (cm)

NPT Hub Size Inches	Grip Dia. Range Inches (cm)	Straight Female Thread	45° Male Thread	90° Male Thread
⅜"	.250"-.312" (.63-.79)	—	—	**DC25938**
	.312"-.375" (.79-.95)	—	—	**DC31938**
	.375"-.437" (.95-1.11)	—	—	**DC37938**
½"	.187"-.250" (.47-.63)	—	—	**DC18912**
	.250"-.375" (.63-.95)	**DC25F12**	**DC25412**	**DC25912**
	.375"-.500" (.95-1.27)	**DC37F12**	**DC37412**	**DC37912**
	.500"-.625" (1.27-1.59)	**DC50F12**	**DC50412**	**DC50912**
¾"	.250"-.375" (.63-.95)	**DC25F34**	—	—
	.375"-.500" (.95-1.27)	**DC37F34**	—	**DC37934**
	.500"-.625" (1.27-1.59)	**DC50F34**	**DC50434**	**DC50934**
	.625"-.750" (1.59-1.90)	**DC62F34**	**DC62434**	**DC62934**
1"	.500"-.625" (1.27-1.59)	—	**DC5041**	**DC5091**
	.625"-.750" (1.59-1.90)	—	**DC6241**	**DC6291**
	.750"-.875" (1.90-2.22)	—	**DC7541**	**DC7591**
	.875"-1.000" (2.22-2.54)	—	**DC8741**	**DC8791**
1¼"	.875"-1.000" (2.22-2.54)	—	—	**DC879114**
	1.000"-1.125" (2.54-2.86)	—	**DC1004114**	**DC1009114**
	1.125"-1.250" (2.86-3.17)	—	**DC1124114**	**DC1129114**
	1.250"-1.375" (3.17-3.49)	—	**DC1254114**	**DC1259114**
1½"	.875"-1.000" (2.22-2.54)	—	—	—
	1.000"-1.125" (2.54-2.86)	—	**DC1004112**	**DC1009112**
	1.125"-1.250" (2.86-3.17)	—	**DC1124112**	**DC1129112**
	1.250"-1.375" (3.17-3.49)	—	**DC1254112**	**DC1259112**

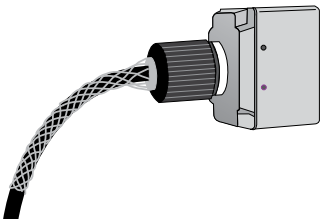
Plug and Connector Strain Relief Grips

PC345W43
(Plug not Included)

Application:

Designed for use with Bryant Triple Gripper® plugs and connectors, reduces damage to connectors, plugs and cables caused by arc-of-bend

- Remove and replace rear dust shield



Product Selection Chart Inches (cm)

Cord Diameter Range Inches (cm)	For Use with Bryant Triple Gripper® Plugs and Connectors	Catalog Number
.30"-.37" (.76-.94)	15 and 20 Amp Straight Blade and 15 Amp Locking 3-Wire Devices	**PC13W32**
.38"-.50" (.96-1.27)		**PC13W43**
.50"-.61" (1.27-1.55)		**PC13W54**
.30"-.41" (.76-1.04)	20 and 30 Amp Locking 3-Wire Devices	**PC23W43**
.40"-.68" (1.02-1.73)		**PC23W54**
.67"-.78" (1.70-1.98)		**PC23W73**
.46"-.68" (1.17-1.73)	20 and 30 Amp Locking 4- and 5-Wire Devices	**PC345W43**
.68"-.83" (1.73-2.11)		**PC345W54**
.83"-.95" (2.11-2.41)		**PC345W73**

To Use the Chart

1. Identify the Bryant plug or connector needed by type (straight blade or locking), number of wires, and amperage.
2. Find the corresponding cord diameter size to be used.
3. Match this with the grip catalog number shown to the left.

Example: A locking 20 amp, 3-wire plug used with a .60 in. diameter cable would use a **PC23W54**.

Dust-Tight Strain Relief Grips

Application:
For indoor use only to connect flexible cord or bus drop cables to electrical enclosures, used for preventing cable pullout damage and for controlling arc-of-bend by absorbing tension from terminals

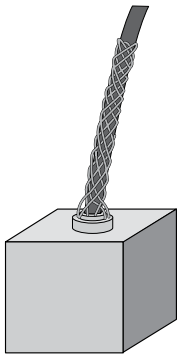
Ideal For Use In:
- Bus drop systems
- Motor connections
- Panel boards
- Internal wiring of machines and cabinets

BDSR43

Wide Range Grips Inches (cm)

NPS/NPT* Hub Size	Cable Diameter Range Inches (cm)	Mesh Length Inches (cm)	Knockout Hole Recommended Min. To Max. Inches (cm)	Catalog Number
½ NPS	.24"-.32" (.61-.81)	3¼" (8.25)	.86"-.91" (2.18-2.31)	**BDSR24**
½ NPS	.32"-.43" (.81-1.09)	3¾" (9.52)	.86"-.91" (2.18-2.31)	**BDSR32**
½ NPS	.43"-.54" (1.09-1.37)	4¾" (12.06)	.86"-.91" (2.18-2.31)	**BDSR43**
¾ NPS	.54"-.73" (1.37-1.85)	6½" (16.51)	1.09"-1.14" (2.77-2.90)	**BDSR54**
1 NPS	.73"-.97" (1.85-2.46)	7" (17.78)	1.36"-1.41" (3.45-3.58)	**BDSR73**
1¼ NPS	.97"-1.25" (2.46-3.17)	9" (22.86)	1.72"-1.77" (4.37-4.49)	**BDSR97**
1½ NPT	1.25"-1.50" (3.17-3.81)	11¾" (29.84)	1.97"-2.02" (5.00-5.13)	**BDSR125**
2 NPT	1.50"-1.70" (3.81-4.32)	13¼" (33.65)	2.45"-2.50" (6.22-6.35)	**BDSR150**
2½ NPT	1.70"-2.00" (4.32-5.08)	13½" (34.29)	2.95"-3.00" (7.49-7.62)	**BDSR170**
2½ NPT	2.00"-2.45" (5.08-6.22)	13¾" (34.92)	2.95"-3.00" (7.49-7.62)	**BDSR200**

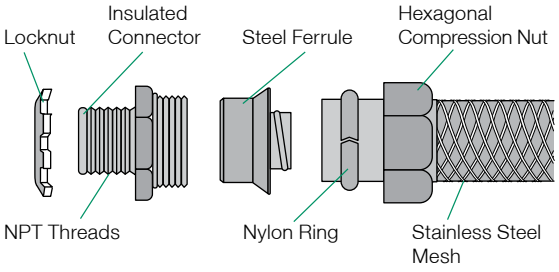
*Note: *NPS = National Pipe Straight, NPT = National Pipe Taper.*



Liquidtight Strain Relief Grips

Application:
Any application for type B liquidtight conduit, flexible conduit grips are suitable for use in hazardous locations per Class I Div. 2, Class II Div. 1 and 2, Class III Div. 1 and 2 of the NEC® sections 501.10(b), 502.10(a), 502.10(b), 503.10(a), and 503.10(b)

Ideal For Use In:
- On-machine wiring
- HVAC applications
- Food processing
- Chemical plants
- Mines
- Machine tool shops
- Motor connections



FC75

Male Fittings Inches (cm)

Conduit Trade Size	Mesh Length Inches (cm)	NPT Hub Size Inches	Straight Male Fitting	45° Male Fitting	90° Male Fitting
⅜"	3" (7.62)	½"	**FC38**	**FC3845**	**FC3890**
½"	4" (10.16)	½"	**FC50**	**FC5045**	**FC5090**
¾"	4" (10.16)	¾"	**FC75**	**FC7545**	**FC7590**
1"	5" (12.70)	1"	**FC100**	**FC10045**	**FC10090**
1¼"	6" (15.24)	1¼"	**FC125**	**FC12545**	**FC12590**
1½"	6¾" (17.14)	1½"	**FC150**	**FC15045**	**FC15090**
2"	8" (20.32)	2"	**FC200**	**FC20045**	**FC20090**
2½"	9¾" (24.76)	2½"	**FC250**	—	**FC25090**
3"	11" (27.94)	3"	**FC300**	—	—
4"	14" (35.56)	4"	**FC400**	—	—

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Safety and Working Load Factors for Wire Mesh Grips

There are many variables associated with the use of wire mesh cable grips. Working load is an estimation of several factors including tension, cable diameter, number of cables gripped, gripping surface and more. Safety factors associated in the product's use must be considered together with the effects of abrasion, corrosion, prior use and abuse and other variables specific to the application.

The appropriate breaking strength of a Bryant Economy Cable Grip represents an average calculation based on data established from actual testing performed in our engineering laboratories. Under normal usage conditions, our recommended factor of safety is five for pulling grips and ten for support grips.

Any warranty as to quality, performance of fitness-for-use of the grips is always premised on the condition that the published 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.

WARNING **Under normal conditions, Bryant recommended factor of safety is five for catalog listed pulling grips, and ten for catalog listed support grips.**

Example

Grip Style	Approx. Breaking Strength (Lbs.)	Safety Factor	Max. Recommended Load (Lbs.)	Catalog Number
Pulling	27,200	5	5,440	**PHS200**
Support	1,610	10	161	**SPS125U**

Note: The maximum recommended working load is the greatest tension to be exerted on a grip for any application, with a margin of safety to protect against unforeseen and unusual circumstances.

Wire Mesh Grip Materials

Material	Features	Product Group
Galvanized steel wire	High strength	Pulling grips
	Not subject to continuous outside environment	Splicing grips and bus drop grips
Tin-coated bronze wire	Corrosion-resistant for normal outside areas Non-magnetic Moderate strength	Support grips
Stainless steel wire (302/304)	High strength	Support grips
	Corrosion-resistant	Strain relief grips

Applicable Code Requirements:

Bryant Economy Cable Grips meet the following requirements:

NEC® 300.19	Support of conductors in vertical raceways
NEC® 350	Liquidtight flexible metal conduit termination
NEC® 400.14	Flexible cord and cable protection
NEC® 400.10	Strain relief at joints and terminals
NEC® 501.10 (B)	Class I, Division 2, Tensile stress avoidance at termination fittings
NEC® 502.10 (A) and (B)	Class II, Division 1 and 2, Tensile stress avoidance at termination fittings
NEC® 503.10 (A) and (B)	Class III, Division 1, Tensile stress avoidance at termination fittings

Selection Table for Multiple Cables of Different Diameters Inches (cm)

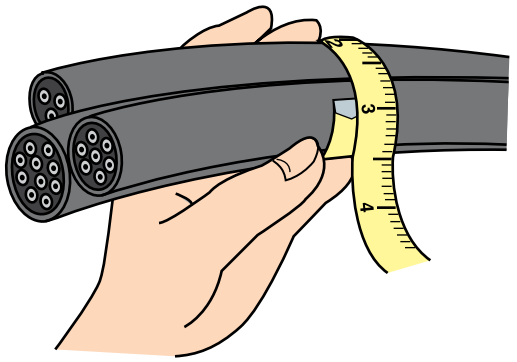
How to choose the correct grip size:

1. Find the grip circumference range by measuring the circumference of the bundle of different diameter cables to be gripped (see illustration).
2. Divide the bundle circumference by 3.14 to determine the diameter.
3. Choose a grip offering a range of cable diameters the same as the cable diameter.

For cables of equal diameters

Under "number of cables in one grip", find the diameter of your single cable in vertical column, see page M-27. Read the grip diameter range to the right. If your diameter is the maximum of the range shown, go to the next larger size for split grips, stay with the same size for closed grips.

Example: 3 cables, each with .89 (2.26) diameter, for a closed grip select the 1.50-1.74 (3.81-4.42) range, for a split grip select the 1.75-1.99 (4.44-5.05) range.



CAUTION **When a grip is used on multiple cables, the tail end of the grip should be banded after positioning on the cables.**

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Selection Chart for Determining Grip Size When More Than One Cable is Held in a Single Grip Inches (cm)

❶ Under "Number of Cables in One Grip", find the diameter range of your cables in vertical column. Read grip size and grip diameter range to the left.

❷ If your diameter is the maximum of the range shown, go to the next larger size for split grips or stay with the same size for closed grips.

❸ Example: 3 cables, each with .89 in. diameter, a closed grip would use a 150 grip size while a split grip would use a 175 grip size.

	Grip Size	Grip Dia. Range Inches (cm)	Number of Cables in One Grip						
			2	3	4	5	6 and 7	8	9
Pulling and Support	50	.50"-.61" (1.27-1.55)	.30"-.38" (.76-.97)	.25"-.31" (.63-.79)	.22"-.27" (.56-.69)	.19"-.24" (.48-.61)	.17"-.22" (.43-.56)	.15"-.19" (.38-.48)	.14"-.18" (.36-.46)
	62	.62"-.74" (1.57-1.88)	.38"-.44" (.97-1.12)	.31"-.36" (.79-.91)	.27"-.31" (.69-.79)	.24"-.29" (.61-.74)	.22"-.26" (.56-.66)	.19"-.23" (.48-.56)	.18"-.21" (.46-.53)
	75	.75"-.99" (1.90-2.51)	.44"-.59" (1.12-1.50)	.36"-.49" (.91-1.24)	.31"-.42" (.79-1.07)	.29"-.38" (.74-.97)	.26"-.34" (.66-.86)	.23"-.31" (.58-.79)	.21"-.28" (.53-.71)
	100	1.00"-1.24" (2.54-3.15)	.59"-.75" (1.50-1.90)	.49"-.63" (1.24-1.60)	.42"-.54" (1.07-1.37)	.38"-.48" (.97-1.22)	.34"-.43" (.86-1.09)	.31"-.39" (.79-.99)	.28"-.35" (.71-.89)
	125	1.25"-1.49" (3.17-3.78)	.75"-.90" (1.90-2.29)	.63"-.76" (1.60-1.93)	.54"-.65" (1.37-1.65)	.48"-.58" (1.22-1.47)	.43"-.52" 1.09-1.32)	.39"-.46" (.99-1.17)	.35"-.42" (.89-1.07)
	150	1.49"-1.74" (3.81-4.42)	.90"-1.07" (2.29-2.72)	.76"-.89" (1.93-2.26	.65"-.77" (1.65-1.96)	.58"-.67" (1.47-1.70)	.52"-.60" (1.32-1.52)	.46"-.54" (1.17-1.37)	.42"-.49" (1.07-1.24)
	175	1.75"-1.99" (4.44-5.05)	1.07"-1.22" (2.72-3.10)	.89"-1.02" (2.26-2.59)	.77"-.88" (1.96-2.24)	.67"-.77" (1.70-1.96)	.60"-.69" (1.52-1.75)	.54"-.62" (1.37-1.57)	.49"-.56" (1.24-1.42)
	200	2.00"-2.49" (5.08-6.32)	1.22"-1.53" (3.10-3.89)	1.02"-1.28" (2.59-3.25)	.88"-1.10" (2.24-2.79)	.77"-.96" (1.96-2.44)	.69"-.86" (1.75-2.18)	.62"-.77" (1.57-1.96)	.56"-.71" (1.42-1.80)
	250	2.50"-2.99" (6.35-7.59)	1.53"-1.83" (3.89-4.65)	1.28"-1.53" (3.25-3.89)	1.10"-1.32" (2.79-3.35)	.96"-1.16" (2.44-2.95)	.86"-1.03" (2.18-2.62)	.77"-.93" (1.96-2.36)	.71"-.85" (1.80-2.16)
	300	3.00"-3.49" (7.62-8.86)	1.83"-2.14" (4.65-5.44)	1.53"-1.79" (3.89-4.55)	1.32"-1.54" (3.35-3.91	1.16"-1.35" (2.95-3.43)	1.03"-1.20" (2.62-3.05)	.93"-1.08" (2.36-2.74)	.85"-.99" (2.16-2.51)
	350	3.50"-3.99" (8.89-10.13)	2.14"-2.44" (5.44-6.20)	1.79"-2.05" (4.55-5.21)	1.54"-1.76" (3.91-4.47)	1.35"-1.54" (3.43-3.91)	1.20"-1.37" (3.05-3.48)	1.08"-1.24" (2.74-3.15)	.99"-1.13" (2.51-2.87)
	400	4.00"-4.49" (10.16-11.40)	2.44"-2.75" (6.20-6.98)	2.05"-2.30" (5.21-5.84)	1.76"-1.98" (4.47-5.03)	1.54"-1.74" (3.91-4.42)	1.37"-1.55" (3.48-3.94)	1.24"-1.39" (3.15-3.53)	1.13"-1.27" (2.87-3.23)
	450	4.50"-4.99" (11.43-12.67)	2.75"-3.06" (6.98-7.77)	2.30"-2.56" (5.84-6.50)	1.98"-2.20" (5.03-5.59)	1.74"-1.93" (4.42-4.90)	1.55"-1.72" (3.94-4.37)	1.39"-1.55" (3.53-3.94)	1.27"-1.41" (3.23-3.58)
Conduit Riser	50	.50"-.62" (1.27-1.57)	.29"-.36" (.74-.91)	.24"-.30" (.61-.76)	.21"-.25" (.53-.63)	.18"-.22" (.46-.56)	.16"-.20" (.41-.51)	.15"-.18" (.38-.46)	.14"-.17" (.36-.43)
	62	.63"-.74" (1.60-1.88)	.37"-.43" (.94-1.09)	.31"-.36" (.79-.91)	.26"-.30" (.66-.76)	.23"-.27" (.58-.69)	.21"-.24" (.53-.61)	.19"-.22" (.48-.56)	.18"-.20" (.46-.51)
	75	.75"-.99" (1.90-2.51)	.44"-.58" (1.12-1.47)	37"-.48" (.94-1.22)	.31"-.41" (.79-1.04)	.28"-.36" (.71-.91)	.25"-.32" (.63-.81)	.23"-.29" (.58-.74)	.21"-.27" (.53-.69)
	100	1.00"-1.24" (2.54-3.15)	.59"-.72" (1.50-1.83)	.49"-.60" (1.24-1.52)	.42"-.51" (1.07-1.30)	.37"-.45" (.94-1.14)	.33"-.40" (.84-1.02)	.30"-.36" (.76-.91)	.28"-.34" (.71-.86)
	125	1.25"-1.49" (3.17-3.78)	.73"-.87" (1.85-2.21)	.61"-.72" (1.55-1.83)	.52"-.61" (1.32-1.55)	.46"-.54" (1.17-1.37)	.41"-.48" (1.04-1.22)	.37"-.43" (.94-1.09)	.35"-.40" (.89-1.02)
	150	1.50"-1.74" (3.81-4.42)	.88"-1.01" (2.24-2.57)	.73"-.85" (1.85-2.16)	.62"-.71" (1.57-1.80)	.55"-.63" (1.40-1.60)	.49"-.56" (1.24-1.42)	.44"-.51" (1.12-1.30)	.41"-.47" (1.04-1.19)
	175	1.75"-1.99" (4.44-5.05)	1.02"-1.16" (2.59-2.95)	.86"-.96" (2.18-2.44)	.72"-.81" (1.83-2.06)	.64"-.72" (1.63-1.83)	.57"-.64" (1.45-1.63)	.52"-.58" (1.32-1.49)	.48"-.54" (1.22-1.37)
	200	2.00"-2.49" (5.08-6.32)	1.17"-1.44" (2.97-3.66)	.97"-1.20" (2.46-3.05)	.82"-1.02" (2.08-2.59)	.73"-.90" (1.85-2.29)	.65"-.80" (1.65-2.03)	.59"-.72" (1.50-1.83)	.55"-.67" (1.40-1.70)
	250	2.50"-2.99" (6.35-7.59)	1.45"-1.73" (3.68-4.39)	1.21"-1.45" (3.07-3.68)	1.03"-1.22" (2.62-3.10)	.91"-1.08" (2.31-2.74)	.81"-.96" (2.06-2.44)	.73"-.87" (1.85-2.21)	.68"-.81" (1.73-2.06)
	300	3.00"-3.49" (7.62-8.86)	1.74"-2.02" (4.42-5.13)	1.46"-1.69" (3.71-4.29)	1.23"-1.43" (3.12-3.63)	1.09"-1.26" (2.77-3.20)	.97"-1.11" (2.46-2.82)	.83"-1.01" (2.11-2.57)	.82"-.94" (2.08-2.39)
	350	3.50"-3.99" (8.89-10.13)	2.75"-3.06" (5.16-5.87)	1.70"-1.93" (4.32-4.90)	1.44"-1.63" (3.66-4.14)	1.27"-1.44" (3.23-3.66)	1.12"-1.27" (2.84-3.23)	1.02"-1.15" (2.59-2.92)	.95"-1.08" (2.41-2.74)

Bryant Pulling Grips are reusable tools for pulling electrical cable, bare conductor or rope. They are easy and fast to install, providing the user with a smooth, slim profile that allows for easy passage through ducts and conduit. Bryant Pulling Grips are made of the highest quality galvanized steel strand which assures the user of a long lasting grip. There is a Bryant Pulling Grip for every pulling job.

CAUTION It is very important to comply with all of the following precautions. Failure to do so may result in property damage, personal injury or death.

1. Pulling grips are to be installed by a qualified individual in accordance with all applicable national and local safety, electrical and rigging codes.
2. Ensure that the correct grip is selected for your specific needs.
3. Do not use a pulling grip for any application other than pulling cable.
4. Thoroughly examine the grip for damage. Do not use a damaged grip.
5. Ensure that the recommended work load of the grip is suitable for the application. Never use grips at their approximated rated breaking strength. A safety factor of 5 is recommended for pulling grips.
6. Do not alter grips in any way. For example, do not modify pulling eyes, shoulders, fittings or lugs.
7. Do not attach any type of pulling hardware to any point on the grip other than the pulling eye. The pulling eye is the only acceptable means of attachment to external hardware.
8. Always apply 2 bands at 1" and 2" respectively, from the tail end of the mesh to guard against accidental release of the grip. Accidental release can occur if an object contracts and pushes against the tail end of the mesh, thereby expanding and releasing its hold.

Select The Correct Pulling Grip

Each Bryant Grip is designed to work on a specific range of cable diameters.

Step 1 Refer to the chart below to determine the style of grip best suited for your application.

Step 2 Determine your cable outside diameter.

Step 3 Find the grip size that encompasses your cable diameter.

Step 4 Estimate the tension to be put on the grip, establish the working load you require and compare this to the listed approximate breaking strength of the grip to insure that the grip will be strong enough. Refer to page M-26 for safety and working load factors.

Pulling Grip Selection Chart

Grip Style	Application	Page Number
Multiple strength, flexible eye	Normal overhead transmission and distribution line stringing for bare or insulated conductor.	M-4
Revolving eye grip	Underground power cables and communication lines. Service lines into factories.	M-5
Flexible eye grip	Underground power cables and communication lines. Service lines into factories.	M-5
Light duty, flexible eye	Light pulling, underground electrical construction. Industrial plant wiring and rewiring jobs.	M-6
Junior, flexible eye	Connect bundled insulated building wire to a pulling tape. Pull wire through conduit.	M-6
Slack pulling, closed mesh	Remove underground cable. For pulling slack in final placement of new cable when end of cable is available.	M-7
Slack pulling, split mesh	Remove underground cable. For pulling slack in final placement of new cable rawhide lace closing when end of cable is not available.	M-7
Pulling Grip Accessories	Tools, bands and swivels.	M-8
Splicing	Temporary splice for cable or wire rope.	M-22

Overhead Pulling Multiple Strength Grips

Multiple Strength Pulling Grips are designed for pulling aluminum or copper bare conductor, ground wires, messenger strands, wire rope and insulated cables. They are made of high strength galvanized steel strand and feature a multi-weave mesh construction of single, double and triple weave for firm holding power.

Application

Bryant Multiple Strength Grips are ideal for overhead transmission and distribution line stringing where moderate loading is anticipated. They are economical tools for attaching conductors to pulling lines and double socking for conductor-to-conductor connections.

Flexible Eye Feature

Multiple Strength Grips are also available with a flexible, patented wire rope eye. This compact eye will mate with a swivel, and pass through blocks and sheaves without binding.

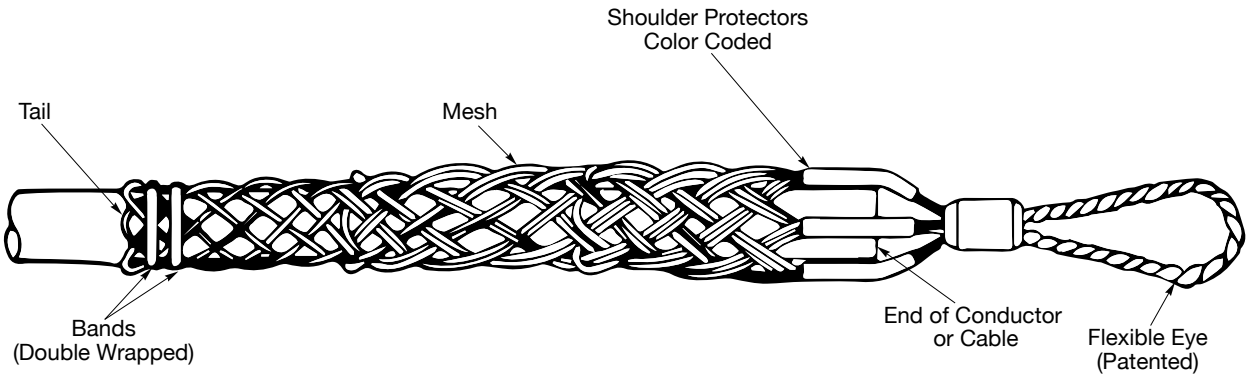
Benefits

- Economical, high strength pulling tool
- Multi-weave construction provides greater strength and holding power
- Endless Weave Grip end lies flat on the cable and will not snag

Note: 1. Do not run grips or swivels over bullwheels while under tension.

2. Two Punch-Lok® bands should be firmly attached approximately 1" and 2" (2.54cm and 5.08cm) from the grip's tail. Banding is required to ensure maximum reliability and guard against accidental release. See page M-8.

Components



Underground Pulling Rotating Eye and Flexible Eye Grips

Rotating Eye Application

Rotating Eye Pulling Grips are specially designed for use in the installation of underground power cables, communication lines and service lines into factories, shopping centers, construction projects and general underground electrical construction.

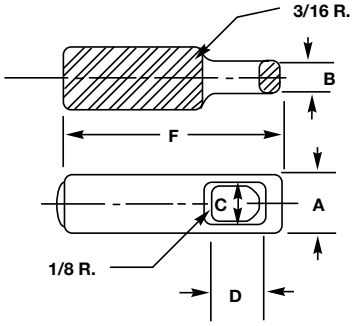
Rotating Eye Feature

Rotating Eye Grips come equipped with a forged steel rotating eye which can be attached to a swivel. The forged eye is durable, compact and streamlined, and will thread through blocks and sheaves without binding.

The rotating eye is not a swivel and will not turn while under tension, it can turn to relieve pulling torque when the tension is relaxed. If constant swivel action is required, a swivel should be used. For swivel dimensions, see page M-8.

Benefits

- An economical tool for pulling cable
- Safe, rugged and dependable
- Equipped with a rotating eye for spin out of pulling torque after load release
- Easily installed and removed



Rotating Eye Dimensions Inches (cm)

Rotating Eye Dimensions Inches (cm)	A	B	C	D	F
⅞" (2.22)	⅞" (2.22)	9⁄32" (.71)	½" (1.27)	⅞" (2.22)	2⅝" (6.67)
1" (2.54)	1" (2.54)	½" (1.27)	9⁄16" (1.43)	13⁄16" (2.06)	3½" (8.89)
1⅜" (3.49)	1⅜" (3.49)	½" (1.27)	1 1⁄16" (1.75)	1" (2.54)	4½" (11.43)
1⅝" (4.13)	1⅝" (4.13)	⅝" (1.59)	⅞" (2.22)	1 3⁄16" (3.02)	5 5⁄16" (13.49)
1⅞" (4.76)	1⅞" (4.76)	21⁄32"(1.67)	1" (2.54)	1⅜" (3.49)	6⅛" (15.56)

Flexible Eye Application

Bryant Flexible Eye Pulling Grips are made of high strength galvanized steel strand. They feature double weave mesh for positive holding power in medium to heavy pulling jobs. The grip eye will easily attach to a swivel.

Flexible Eye Feature

Flexible Eye Pulling Grips are used for the installation of underground power cables, communication lines and service lines into factories, construction projects and for general underground electrical construction. Available in two mesh lengths, short for medium pulls and standard for general purpose pulling.

Benefits

- Will pull a single cable or cable bundles
- Patented flexible eye design provides flexibility to follow line of pull
- A dependable, reusable pulling tool
- Easily installed and removed
- Mates easily with a swivel, see page M-8