

FULL LINE CATALOG
108

HEYCO®

800.526.4182 • www.heyco.com



People think of HEYCO® as “*The First Name in Wire Protection*” ...but we are so much more.

Heyco® is:

Design Innovation and Engineering Superiority

Put Heyco's decades of experience to work for you! Heyco's design engineering teams are working on solutions to protect your electrical lifeline. Our experienced engineers, backed by Heyco's commitment to growth through innovation, can provide solutions to your design challenges—with an eye on saving you money.



Molded Products

You know Heyco as the leader in Strain Reliefs... but don't forget to look to us for *ALL* your wire protection needs. From cordgrips to conduit fittings, from wire connectors to wire positioning, Heyco's got you covered!



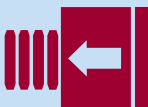
Stamped Components

We go way beyond blades, female contacts, and pins! Our modern and efficient high-speed stamping production room can accommodate a large variety of stampings in addition to our core lines of 110V and 220V electrical components.



Extruded Products

We produce convoluted PVC and/or corrugated nylon conduit/tubing at our manufacturing sites in North America or our partner manufacturing location in the UK. These products have UL approvals and are produced to the most exacting standards.



Outstanding Customer Service

Our Customer Service Team is located at our primary manufacturing facility in Toms River, NJ. Their #1 goal is providing you the best possible service—efficiently and accurately. Call them to get price quotations, to place an order, to check product availability or even if you just need a sample!



Our team has received EXTENSIVE product training and can help you pick the right Heyco® solution for your application. And don't forget to visit www.heyco.com. You'll find lots of detailed product information and new features every week!

Business Development Managers

Our Business Development Managers are located in strategic market areas throughout the country.



Their job is to assist you in product specification and custom product solutions. Look to them to help you solve your design challenges. You can contact our BDM's through our Inside Customer Service Team, or via e-mail through our web site at www.heyco.com.

An Extensive Global Distribution Network

Heyco Products are sold direct to manufacturers and through an extensive global distribution network. Ask your Customer Service Representative for the Heyco distributor nearest you, or visit our web site at www.heyco.com for a complete listing of our distributors in North America and worldwide. Whether you need 100 parts or 10,000, we'll make sure you get what you need!



A Glimpse Inside Heyco®...



High Speed Progressive Die Metal Stamping

Our modern and efficient high-speed stamping production room along with our highly trained technicians, can accommodate a large variety of custom stampings in addition to our core lines of 110V and 220V electrical components. High speed application equipment is available to speed the use of our products and save you money. And, our on-site tool shop provides fast turnaround of tool maintenance, repair, and modification.



Heyco® Products in Toms River, NJ



Closed Loop, Precision Injection Molding

Heyco's molded manufacturing area includes over 22,000 square feet of climate controlled manufacturing space designed for efficient material flow. More than twenty state-of-the-art closed loop injection molding machines employ the latest technology that continually monitors the molding process. This process, combined with our new centralized raw material conveying and desiccant drying systems, ensures consistently high quality product. Along with standard 6/6 nylon, Heyco molds polycarbonate, and high temperature 4/6 nylons, halogen free VO nylon, polypropylene and other materials.



Expansive Warehousing

Modern, efficient, and well lit...these words describe Heyco's multiple warehouse locations.



HEYCO® Products

Can Custom Color Match Our Plugs, Bushings, and Strain Reliefs to Match Your Application.

Here's how it works:










Send us a color chip, a sample or an exact description of the color to be matched. We'll match it exactly at our color lab and send you back a color-matched chip for your approval. Once you approve the sample, we nylon mold the part using color concentrate—not dyes. The color concentrate is injection molded with the nylon, producing uniform and consistent colored parts—not just surface color like dyed parts. After careful inspection, your custom color parts are ready for shipment. *It's that easy!*

Furthermore...

We can cost-effectively match and/or satisfy requirements for surface texture including but not limited to patterns or even logos and images.

And now Heyco introduces another way to serve your color needs....

The color concentrates* for the 9 colors below are now **IN STOCK** at Heyco.

	Yellow #107C		Beige #614C
	Gray #432C		Gray #430C
	Red #193C		Orange #179C
	Blue #286C		Brown #497C
	Green #3435C		

* Colors are approximate. Contact Heyco for molded nylon color chips for accurate matching.

Heyco's Stock Color Concentrates give you:

- Lower minimum buys on each colored part
- The quickest possible delivery

Consult your Heyco Sales Representative for complete details.

If an EXACT match isn't critical, but getting it RIGHT NOW is...try one of Heyco's stock colors.

It may be just what you need.

Type 6/6 Nylon...

is widely used in applications requiring high strength, chemical resistance, and good electrical properties, making it the ideal material for the majority of Heyco's molded products you will find in this catalog.

Heyco's standard nylon meets UL 94V-2 flammability requirements and is resistant to a wide range of chemical substances including acetone, ammonia, benzene, gasoline, and certain acids. In addition, flame retardant (UL 94V-0) and high temperature versions of most Heyco products are available. Heyco also has the capability to mold products in custom colors, matched to your application. Please consult Heyco regarding your needs for alternate materials and custom colors.

Nylon has a specific gravity of 1.14 (relative to water at 1). It is a hygroscopic material, meaning that its properties are affected by variations in moisture. When products are stored at 50% relative humidity and room temperature, they maintain their optimum properties. For that reason, moisture sensitive products are moisture treated and packaged at the factory in sealed bags to preserve the conditioning of the parts. The working temperature range of our products is indicated on the specific catalog page for that product.

The chart below shows key property data for our most common materials.

Key property data for common materials:

	Nylon 6/6	Nylon 4/6	Flame Retardant Nylon	Polycarbonate	Polyethylene	Polypropylene
Characteristic	General Use	Higher Temp.	Halogen free	Transparent	Flexible	Nonhygroscopic
Specific Gravity	1.14	1.18	1.16	1.2	0.92	0.9
UL Flammability Rating	94V-2	94V-2	94V-0	94V-2	N/A	94HB
Tensile Strength (MPa)	76	65	45	60	13	35
Flexural Strength (MPa)	42	50	70	83	8	53
Heat Deflection Temp. (1.8 MPa)	87°C	160°C	79°C	122°C	42°C	104°C
Electrical RTI	125°C	150°C	125°C	125°C	50°C	110°C

All properties are approximate and at 50% RH and 23°C unless noted.



www.heyco.com

HEYCO® Products, Inc.

Quality Policy

- At Heyco Products, we consistently provide products and customer services that continuously meet or exceed the expectations of our customers.
- We monitor our processes and validate results using metrics to drive continuous improvement with emphasis on customer satisfaction.
- We train and reinforce the effectiveness of our employees and provide them with state-of-the-art equipment and materials.
- We deploy and communicate our policies and practices to all co-workers and customers throughout the business.
- By directing our efforts in ensuring adherence to regulatory and environmental guidelines we ensure compliance across all agencies.

Warranty

Heyco manufactures and sells products of the highest quality and stands behind them. In light of those facts, products are sold with the understanding and on condition that the purchaser will test them in actual use and make his own determination as to their suitability and acceptability for his intended use, and the purchaser agrees to such condition. Use of HEYCO products other than for applications illustrated herein constitutes a misuse for which the purchaser bears all responsibility.

HEYCO warrants to the original purchaser only, that HEYCO products, when purchased in the original, unopened HEYCO brand package, are to be free from defects in materials and workmanship.

HEYCO's sole obligation, and purchaser's sole remedy, for any breach of this warranty, is limited to repair or replacement of the products at HEYCO's option.

HEYCO shall not, under any circumstances, be liable for the loss of the use of a purchaser's equipment or facilities, for loss of any business or good will profits, for cost of inspection, transportation, or storage, or for any incidental or consequential damages of any nature or description. Purchaser must notify HEYCO in writing, of any products which are deemed to be defective, within 60 days after receipt of such products.

HEYCO EXPRESSLY DISCLAIMS ANY AND ALL EXPRESSED OR IMPLIED WARRANTIES CONCERNING ITS PRODUCTS, INCLUDING, WITHOUT LIMITATION: WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY, EXCEPT THE WARRANTY SET FORTH ABOVE.

Certification of Composition

Neither our Nylon 6/6 parts nor our packing material contain any unconditionally banned substances, or conditionally banned substances.

This includes Cadmium (Cd) and its compounds, Lead (Pb) and its compounds, Hexavalent Chromium (Cr) compounds, Mercury (Hg) and its compounds, Polychlorinated Biphenyls (PCBs), Polybrominated Biphenyls (PBBs), or Polybrominated Diphenyl Ethers (PBDEs).

Heyco's products do not contain any toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of CFR 372.

All of our Nylon 6/6 products and packing materials are fully compliant with Restriction of the use of certain Hazardous Substances (RoHS) and Waste for Electrical and Electronic Equipment (WEEE) directives including:

- EU-Directive 2002/95/EC and amendment 2005/618/EC, EU End-of-Life-Vehicle Directive 2000/53/EC, and EU-Directive 2003/11/EC
- List of Declarable Materials in Automobile Manufacturing of VDA Norm 232-101
- German Hazardous Substances Ordinance of 15.11.99
- ROHS Certificate of Compliance available via www.heyco.com

ISO 9001:2000

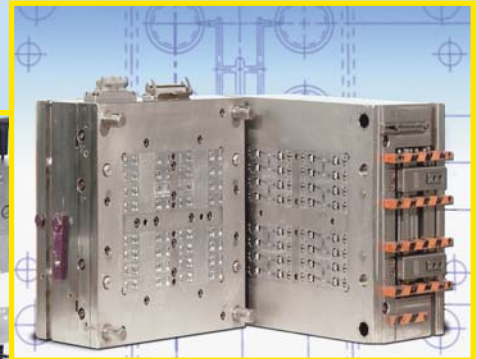
Heyco has demonstrated that our quality management system is in compliance with ISO 9001:2000, as evidenced by QMI Certificate Number 006559. Please visit our web site at www.heyco.com to view or print a copy of our certificate.



Facing a Design/Development Challenge? **SOLVE IT...with Axcell® Rapid Response**

SOLVE IT...

with innovative custom engineering part designs and mold creation with fit to finish services provided.



SOLVE IT...

with in-house tooling development and expertise, and standardized steel mold blocks for speed and cost effectiveness. Our rapid prototyping capability speeds the project along and helps assure your satisfaction.



SOLVE IT...

with built-in flexibility to quickly deliver product solutions in colors or a finish that meet your needs perfectly. We even offer customized tops that can include your company logo or trademark.



Look to Heyco for the “SOLVE IT”



HEYCO “The First Name in Wire Protection”

1-800-526-4182 • 732-286-1800 (NJ) • FAX: 732-244-8843 • Web site: www.heyco.com



Innovative, Cost Effective, Application Specific Product **SOLUTIONS...**

SOLVE IT...

by using a wide range of Heyco products that can be refined or modified to suit your specific application needs.



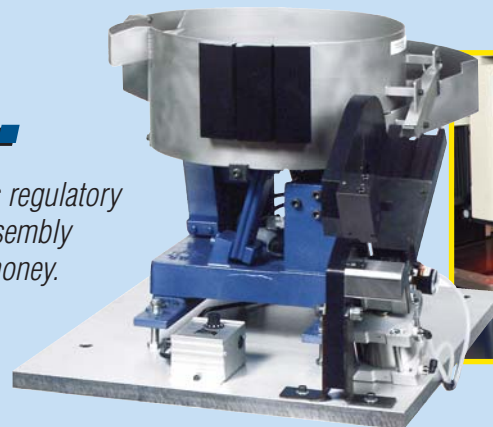
SOLVE IT...

with injection molded parts in a variety of thermoplastic materials to meet design specific requirements for aesthetic, mechanical, thermal or optical properties.



SOLVE IT...

with our value added services such as regulatory testing, inspection, and automated assembly services that can save you time and money.



ANSWER to your needs!



HEYCO "The First Name in Wire Protection"

1-800-526-4182 • 732-286-1800 (NJ) • FAX: 732-244-8843 • Web site: www.heyco.com





Heyco-Flex™ 1-1
I Liquid Tight Conduit



Heyco-Flex™ 1-2
II Liquid Tight Tubing



Heyco-Flex™ 1-3,4
Conduit Fittings
Straight-Thru



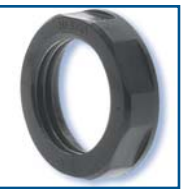
Heyco-Flex™ 1-5
Conduit Fittings,
90° Sweep



Heyco-Flex™ 1-6
Metallic Conduit
Fittings



Heyco-Flex™ 1-7,8,9,10
"Quick Twist"
Conduit Fittings



Heyco® 1-11,12
Metal & Nylon
Locknuts



Heyco® 2-1,2,3
Liquid Tight Cordgrips
Straight-Thru



Heyco® 2-4,5,6
Liquid Tight Cordgrips
Pigtail



Heyco® 2-7,8
Liquid Tight Cordgrips
Right Angle



Heyco® 2-9
Liquid Tight
Hole Plugs



Heyco® 2-10
Snap-In Liquid Tight
Bushings



Heyco®-Tite 2-11,12
Liquid Tight Cordgrips
Straight-Thru



Heyco®-Tite 2-13,14
Liquid Tight Cordgrips
Pigtail™



Heyco® 3-1
Preassembly
Equipment



Heyco® 3-2,3,4
RDD Lockit™ Strain
Relief Bushings



Heyco® 3-5,6
RDD Right Angle
Lockit™ Strain Relief
Bushings



Heyco® 3-7,8
Lockit™ Strain Relief
Bushings



Heyco® 3-9
Multi-Lockit™
Strain Relief



Heyco® 3-10
Lay-In & In-Line Strain
Relief Bushings



Heyco® 3-11,12,13,14
Straight-Thru Strain
Relief Bushings



Heyco® 4-1,2,3
Snap Bushings



Heyco® 4-4
Thick Panel Snap
Bushings



Heyco® 4-5,6
Snub & Shorty
Bushings



Heyco® 4-7
Universal & Shorty
Universal Bushings



Heyco® 4-9
Open/Closed
Universal Bushings



Heyco® 4-10
Open/Closed
Bushings



Heyco® 4-12
Threaded & Double
Insulated Bushings



Heyco® 5-1,2,3
Dome Plugs



Heyco® 5-4
Metric Dome Plugs



Heyco® 5-4
Insulation Plugs



Heyco® 5-5
Shorty Plugs



Heyco® 5-6
Pry-Out Plugs



Heyco® 5-7,8
Vent Plugs



Heyco® 5-9,10
Glossy Plugs



Heyco® 6-1
Nylon Cable Clamps



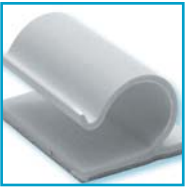
Heyco® 6-2
Cable Clamps,
Push & Snap Lock



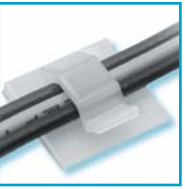
Heyco® 6-3
Lockit Hose Clamps



Heyco® 6-4
Nylon Hose Clamps &
Strap Mates™



Heyclip™ 6-5,6
"J", "C" & "U" Style
Wire Clips



Heyclip™ 6-8
Non-Locking Wire
Clips & Flat Wire Clips



Heyclip™ 6-11
Push Mount Wire Clips



Heyco® 7-1
Cordset
Components



Heyco® 7-2
Preassembled Cordset
Components



Heyco® 7-3
Cordset Components
Tri-Tap Premold



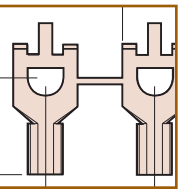
Heyco® 7-4
Turn-2-Lock Cord &
Plug Sets



Heyco® 7-5,6,7
Turn-2-Lock Cordset
Components



Heyco® 7-8,9
Ring & Spade
Terminals



Heyco® 7-9,10
Quick Connects
Terminals

1 Heyco Liquid Tight Flexible Conduit & Fittings

Pages 1-1 to 1-29

2 Heyco Liquid Tight Cordgrips

Pages 2-1 to 2-29

3 Heyco Strain Relief Bushings

Pages 3-1 to 3-29

4 Heyco Bushings, Grommets, Bumpers & Feet

Pages 4-1 to 4-23

5 Heyco Hole Plugs

Pages 5-1 to 5-19

6 Heyco Wire Positioning Devices

Pages 6-1 to 6-25

7 Heyco Power Components

Pages 7-1 to 7-23



Heyco-Flex™ . . . 1-13
Mounting Brackets & Sealing Washers



Flexicon . . . 1-15,16
Nylon Corrugated Conduit/Tubing



Flexicon . . . 1-17,18,19
Conduit Fittings Straight-Thru



Flexicon 1-20,21,21,23
Conduit Fittings 45° & 90° Sweep



Heyco-Flex™ V . . . 1-28
Nylon Slit Tubing



Heyco® . . . 2-15,16,17
Liquid Tight Cordgrips Multi-Hole



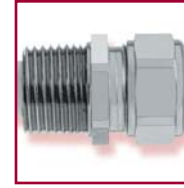
Heyco® 2-18
Threaded Plugs



Heyco® 2-19
Snap-in Cordgrips



Heyco® 2-21,22
Nylon & Metal Locknuts



Heyco® 2-23,24,25,26
Metal Cordgrips



Heyco® 3-15,16
Right Angle Strain Relief Bushings



Heyco® 3-17
Pigtail™ Strain Relief Bushings



Heyco® 3-18
Bell-Mouth Strain Relief Bushings



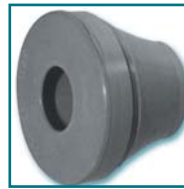
Heyco® 3-19,20
Euro Strain Relief Bushings



Heyco® 3-27,28
Zinc Die Cast Box Connectors



Heyco® 4-13,14,15,16
Rubber Grommets



Heyco® 4-17
Snap-In Liquid Tight Bushings



Heyco® 4-18
Rubber Push-In Bumpers



Heyco® 4-19,20
Polyurethane Adhesive Backed Bumpers



Heyco® 4-21,22
Feet of Strength™



Heyco® 5-11,12
Window Plugs



Heyco® 5-13
Threaded Plugs



Heyco® 5-15
Knock-Out & Thick Panel Knock-Out Seals



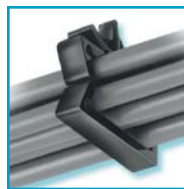
Heyco® 5-16
Louvered Plugs



Heyco® 5-18
Nylon D-Subminiature Mounting Hole Plugs



Heyclip™ 6-12
"P" Style Wire/Cable Holder & Lockit Loops



Heyco® 6-13
Wire and Cable Holders



Heyco® 6-15,16
Cable Ties



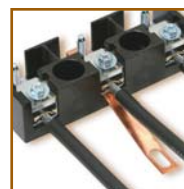
Heyco® 6-19,20
Nylon Rivets, Arrow Clips & Push-in Fasteners



Heyco® 6-21
Cable Wrap



Heyco® 7-11
Application Equipment



Heyco® 7-13
ERTB Terminal Blocks



Heyco® 7-15
Standard Appliance Terminal Blocks



Heyco® 7-19
OEM Wire & OEM High Temp Wire Connectors



Heyco® 7-22
Aluminum Solderless & Copper Lug Connectors

HEYCO® Products

Table of Contents



1 Section 1
Heyco Liquid Tight Flexible Conduit & Fittings
Page 1-1 to 1-29

2 Section 2
Heyco Liquid Tight Cordgrips
Page 2-1 to 2-29

3 Section 3
Heyco Strain Relief Bushings
Page 3-1 to 3-29

4 Section 4
Heyco Bushings, Grommets, Bumpers & Feet
Page 4-1 to 4-23

5 Section 5
Heyco Hole Plugs
Page 5-1 to 5-19

6 Section 6
Heyco Wire Positioning Devices
Page 6-1 to 6-25

7 Section 7
Heyco Power Components
Page 7-1 to 7-23





Heyco-Flex™ I
Liquid Tight
Conduit
1-1



Heyco-Flex™ II
Liquid Tight
Tubing
1-2



Heyco-Flex™
Conduit Fittings
Straight-Thru,
NPT & Snap-In Hubs
1-3, 1-4



Heyco-Flex™
Conduit Fittings
90° Sweep,
NPT Hubs
1-5



Heyco-Flex™
Metallic
Conduit Fittings
Straight-Thru
& 90° Sweep,
NPT Hubs
1-6



Heyco-Flex™
“Quick Twist”
Conduit Fittings
Straight-Thru, Snap-In
& NPT Hubs
1-7, 1-8



Heyco-Flex™
“Quick Twist”
Conduit Fittings
90° Sweep, Snap-In
& NPT Hubs
1-9, 1-10



Heyco®
Metal Locknuts
(NPT, PG,
Metric)
1-11



Heyco®
Nylon Locknuts
(NPT, PG, Metric)
1-12



Heyco-Flex™
Mounting
Brackets &
Heyco Sealing
Washers
1-13



Heyco®
PG
Thread Taps
1-14



Flexicon
Nylon
Corrugated
Conduit/Tubing
1-15, 1-16



Flexicon
Conduit Fittings
Straight-Thru,
NPT, PG & Metric
Hubs
1-17, 1-18,
1-19



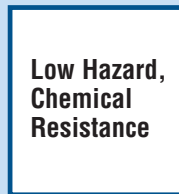
Flexicon
Conduit Fittings
45° Sweep,
NPT Hubs
1-20



Flexicon
Conduit Fittings
90° Sweep,
NPT, PG &
Metric Hubs
1-21, 1-22,
1-23



Flexicon
Conduit/Tubing
Mounting
Clips
1-24



**Low Hazard,
Chemical
Resistance**

Flexicon
Technical
Instructions
1-25, 1-26,
1-27



Heyco-Flex™ V
Nylon
Slit Tubing
1-28



Heyco®
Strain Reliever
“Pill Bottle”
1-29

HEYCO® Liquid Tight Flexible Conduit and Fittings



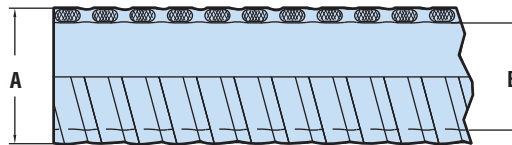
Heyco-Flex™ I Liquid Tight Conduit

Flexible, Nonmetallic Liquid Tight Electrical Conduit

- 3/8" thru 2" trade sizes.
- Use with nylon Heyco-Flex Connectors; Straight, Snap-in, or Sweep. See pages 1-3, 1-4 and 1-5.
- May also be used with Heyco's Metallic Fittings for Liquid Tight Conduit. See page 1-6.
- Resists corrosion, abrasion, oil, water, acid, metal shavings, and rough environments.
- Resists abuse, pull, and crushing.
- Temperature ratings:
80°C (176°F) DRY
70°C (158°F) OIL Resistance
60°C (140°F) WET locations
- Passes submersion test of 70 psi.
- Voltage rating: 600V
- Mounting brackets are available, see page 1-13.
- Smooth inside for easier wire pulling; no hazardous sharp edges or burrs; will not damage conductors.
- Lightweight and lower installed cost.
- Integral rigid and flexible PVC construction.
- Suitable for indoor/outdoor use:
 - HVAC Equipment
 - Machine Tools
 - Marine Equipment
 - Motors and Controls
 - Printing Equipment
 - Pumps
 - Refrigeration Equipment
- Approved for direct burial.
- **Order Part No. 8340**, VF-28 Cutting Tool, for cutting Heyco-Flex conduit and tubing cleanly and evenly.

TRADE SIZE	PART NO. Gray	DESCRIPTION	PART DIMENSIONS				STANDARD COIL LENGTH ft/coil
			A Outside Diameter		B Inside Diameter		
			in.	mm.	in.	mm.	
3/8	8430	HF1 3/8	.700	17,8	.494	12,5	100
1/2	8431	HF1 1/2	.830	21,1	.632	16,1	100
3/4	8432	HF1 3/4	1.040	26,4	.830	21,1	100
1	8433	HF1 1	1.303	33,1	1.054	26,8	100
1-1/4	8434	HF1 1-1/4	1.645	41,8	1.395	35,4	100
1-1/2	8435	HF1 1-1/2	1.883	47,8	1.588	40,3	50
2	8436	HF1 2	2.358	59,9	2.033	51,6	50

Standard color gray. Consult Heyco for black and other colors.
Consult Heyco for "Cut to Length" Availability.



Quick Specs

Material
Certifications
Flammability Rating

PVC
 Listed under Underwriters' Laboratories File E121096
 Certified by Canadian Standards Association File LL233010
 VW1



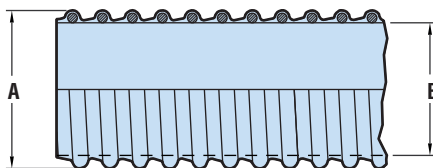
Heyco-Flex™ II Liquid Tight Tubing

Flexible, Nonmetallic Liquid Tight Electrical Tubing



TRADE SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS				STANDARD COIL LENGTH ft/coil
			A Outside Diameter		B Inside Diameter		
			in.	mm.	in.	mm.	
1/4	8449	HF2 1/4	.568	14,4	.395	10,0	100
3/8	8450	HF2 3/8	.700	17,8	.494	12,5	100
1/2	8451	HF2 1/2	.830	21,1	.632	16,1	100
3/4	8452	HF2 3/4	1.040	26,4	.830	21,1	100
1	8453	HF2 1	1.303	33,1	1.054	26,8	100
1-1/4	8454	HF2 1-1/4	1.645	41,8	1.395	35,4	100
1-1/2	8455	HF2 1-1/2	1.883	47,8	1.588	40,3	50
2	8456	HF2 2	2.358	59,9	2.033	51,6	50

Standard color black.
Consult Heyco for "Cut to Length" Availability.



- 1/4" thru 2" trade sizes.
- Use with nylon Heyco-Flex Connectors: Straight, Snap-in, or Sweep. See pages 1-3, 1-4, 1-5.
- Resists corrosion, oil, and water.
- Maximum flexibility; can be used in extremely tight quarters.
- Temperature rating 70°C (158°F).
- Smooth inside for easier wire pulling.
- Lightweight and lower installed cost.
- Integral rigid and flexible PVC construction.
- Suitable for use in high vibration or flexing applications:
 - Automotive Equipment
 - Computers and Peripherals
 - Fiber Optics
 - Lab Equipment
 - Lasers
 - Office Equipment
 - Processing Control and Monitoring Equipment
 - Robotics
 - White Goods
- Passes submersion test of 70 psi.
- Mounting brackets are available, see page 1-13.
- **Order Part No. 8340**, VF-28 Cutting Tool, for cutting Heyco-Flex tubing and conduit cleanly and evenly. See page 1-1.

<p>Material</p> <p>Certifications</p> <p>Flammability Rating</p>	<p>PVC</p> <p> Recognized under the Component Program of Underwriters' Laboratories File E121095</p> <p> Certified by Canadian Standards Association File LL84578 VW1</p>
---	---

Quick Specs



Heyco-Flex™ Liquid Tight Conduit Fittings

Straight-Thru, NPT Hubs

For Flexible, Nonmetallic Liquid Tight Conduit and Tubing

- Multiple sizes for use with Heyco-Flex Conduit and Tubing. See pages 1-1 and 1-2.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification and testing.
- **No disassembly required.** Instead, the installer simply pushes the conduit or tubing onto the ferrule, then tightens the domed sealing nut. This completed assembly can then be secured in the panel by the locknut or into an NPT threaded hole.
- No threading of the conduit or tubing is required to install. This eliminates the possibility of cutting the conduit and creating leak paths.
- Complete conduit/connector system is reusable. Conduit will not wind tight onto the connector during assembly and can be easily removed by pulling while turning in a clockwise direction.
- Use of a sealing washer may be required for wet locations. See page 1-13.
- Suitable for indoor/outdoor use; for original equipment manufacturers or field installers.
- Protection class IP 68 up to 70 psi (5 bar) water pressure.
- Black connectors up to 1" provided with nylon locknut, packed separately. Larger than 1" provided with O-ring and metal locknut.
- Gray connectors provided with assembled O-ring and metal locknuts.
- See page 1-11 and 1-12 for locknuts.

FITS CONDUIT/TUBING TRADE SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT										
	Black	Gray			A		B		C		D		E		
					Clearance Hole	in.	mm.	Max. O.A.	Length	in.	mm.	Thread Length	in.	mm.	Wrenching Nut Thickness
3/8	8400	8401	HFC 3/8	1/2" NPT	†.875	22,2	1.330	33,8	.630	16,0	.250	6,3	1.328	33,7	
1/2	8402	8403	FC 1/2												
3/4	8404	8405	HFC 3/4	3/4" NPT	1.109	28,1	1.410	35,8	.630	16,0	.250	6,3	1.562	39,6	
1	8406	8407	HFC 1	1" NPT	1.375	34,9	1.470	37,3	.780	19,8	.250	6,3	1.812	46,0	
1-1/4	8638	8639	HFC 1-1/4	1-1/4" NPT	1.734	44,0	1.375	34,9	.685	17,4	.250	6,3	2.150	54,6	
1-1/2	8640	8641	HFC 1-1/2	1-1/2" NPT	1.984	50,4	1.500	38,1	.810	20,6	.275	7,0	2.450	62,2	
2	8642	8643	HFC 2	2" NPT	2.469	62,7	1.750	44,4	.850	21,6	.312	7,9	2.980	75,6	

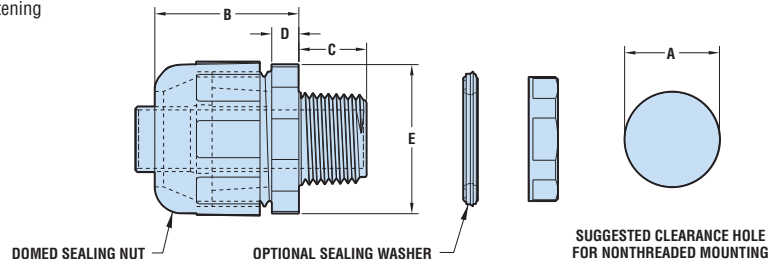
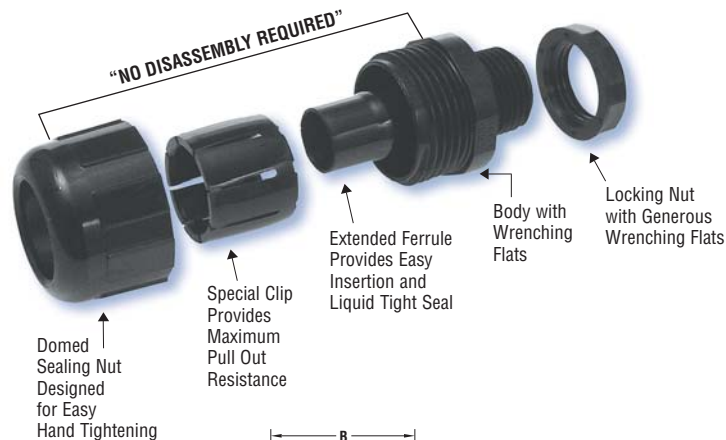
Standard colors black or gray.

† Fittings used to attach two different conduit sizes to the same size hole.

"PG" Threaded Hub for 1/4" Heyco-Flex II Tubing

1/4	8398	-	HFC 1/4-PG7	PG 7	.492	12,5	1.131	28,7	.449	11,4	.209	5,3	1.001	25,4
-----	------	---	-------------	------	------	------	-------	------	------	------	------	-----	-------	------

Standard color black.



Quick Specs

Material
Certifications

6/6 Nylon

UL Listed under Underwriters' Laboratories File E28430

CS Certified by Canadian Standards Association File LL84579 and LR81067

Flammability Rating

94V-2



Heyco-Flex™ Liquid Tight Conduit Fittings Straight-Thru, Snap-In Hubs

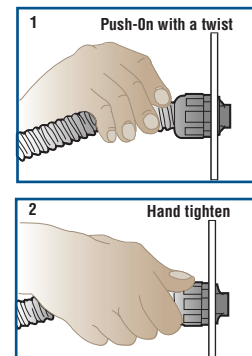
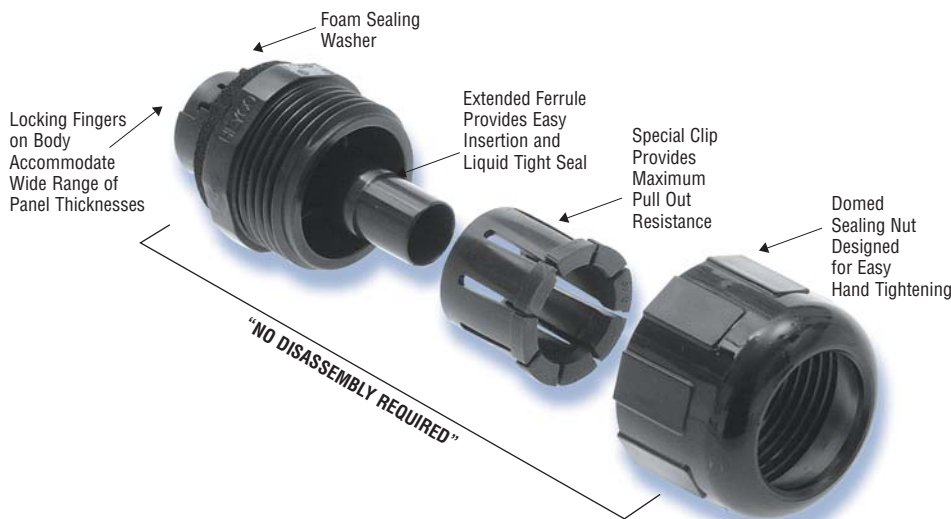
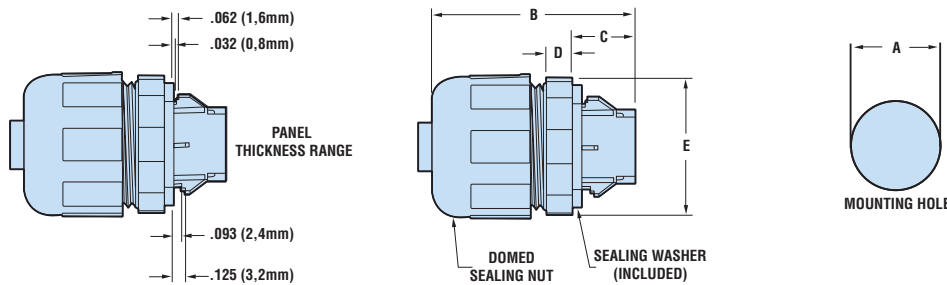
For Flexible, Nonmetallic Liquid Tight Conduit and Tubing



FITS CONDUIT/ TUBING TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS									
			A		B		C		D		E	
			Mounting Hole Dia.		Max O.A. Length		Body Length		Wrenching Nut Thk.		Wrenching Flats	
	Black		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1/4	8382	HFC 1/4-S	.500	12,7	1.500	38,1	.445	11,3	.219	5,6	.875	22,2
3/8	8384	HFC 3/8-S	.875	22,2	2.000	50,8	.625	15,9	.250	6,3	1.328	33,7
1/2	8386	HFC 1/2-S										
3/4	8388	HFC 3/4-S	1.090	27,7	2.031	51,6	.625	15,9	.250	6,3	1.562	39,7
1	8390	HFC 1-S	1.375	34,9	2.250	57,1	.781	19,8	.250	6,3	1.812	46,0

Standard color black.

- Multiple sizes for use with Heyco-Flex Conduit and Tubing. See pages 1-1 and 1-2.
- Assembly friendly! The installer simply pushes the conduit or tubing onto the ferrule, then tightens the domed sealing nut. This completed assembly can then be snapped into the panel with fingertip pressure.
- No threading of the conduit or tubing required to install. This eliminates the possibility of cutting the conduit and creating leak paths.
- Complete conduit/fitting system is reusable. Conduit will not wind tight onto the connector during assembly and can be easily removed by pulling while turning in a clockwise direction.
- Suitable for indoor/outdoor use; for original equipment manufacturers or field installers.
- Resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- Protection class IP 68 up to 70 psi (5 bar) water pressure.



Material	6/6 Nylon
Certifications	<ul style="list-style-type: none"> UL Listed under Underwriters' Laboratories File E28430 SP Certified by Canadian Standards Association File LR84579 and LR81067
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco-Flex™ Liquid Tight Conduit Fittings

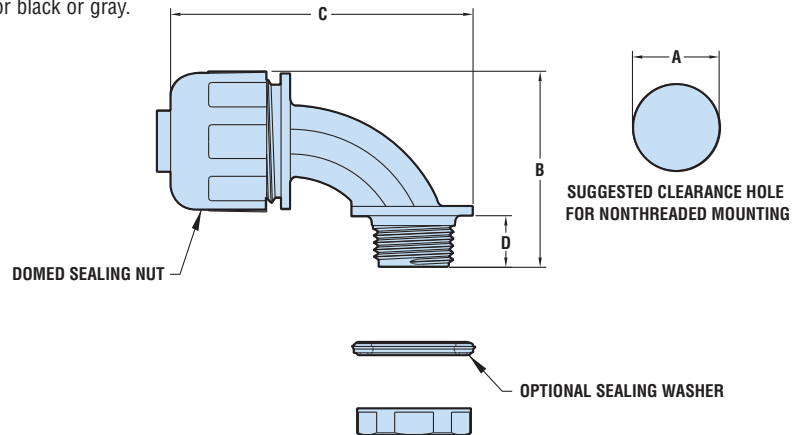
90° Sweep, NPT Hubs

For Flexible, Nonmetallic Liquid Tight Conduit and Tubing

- Multiple sizes for use with Heyco-Flex Conduit and Tubing. See pages 1-1 and 1-2.
- Smooth internal surfaces for easier wire installation around corner angles.
- Resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification and testing.
- No disassembly required. Instead, the installer simply pushes the conduit or tubing onto the ferrule, then tightens the domed sealing nut. This completed assembly can then be secured in the panel by the locknut or into an NPT threaded hole.
- No threading of the conduit or tubing is required to install. This eliminates the possibility of cutting the conduit and creating leak paths.
- Complete conduit/connector system is reusable. Conduit will not wind tight onto the connector during assembly and can be easily removed by pulling while turning in a clockwise direction.
- Suitable for indoor/outdoor use; for original equipment manufacturers or field installers.
- Lower installed cost.
- Black connectors up to 1" provided with nylon locknut, packed separately. Larger than 1" provided with O-ring and metal locknut.
- Gray connectors provided with assembled O-ring and metal locknut.
- Use of a sealing washer may be required for wet locations. See page 1-13.
- See page 1-11 and 1-12 for locknuts.

FITS CONDUIT/TUBING TRADE SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT							
	Black	Gray			A Clearance Hole		B Max. O.A. Height		C Max. O.A. Length		D Thread Length	
					in.	mm.	in.	mm.	in.	mm.	in.	mm.
3/8	8423	8424	HFC 3/8-90R	1/2 NPT	.875	22,2	1.982	50,3	2.912	73,9	.520	13,2
1/2	8425	8426	HFC 1/2-90R									
3/4	8427	8428	HFC 3/4-90R	3/4 NPT	1.109	28,1	2.293	58,2	3.172	80,5	.520	13,2
1	8412	8413	HFC 1-90R	1 NPT	1.375	34,9	2.833	71,9	3.964	100,6	.690	17,5
1-1/4	8652	8653	HFC 1-1/4-90R	1-1/4 NPT	1.734	44,0	3.950	100,3	4.575	116,1	.710	18,0
1-1/2	8654	8655	HFC 1-1/2-90R	1-1/2 NPT	1.984	50,4	4.460	113,2	4.900	124,4	.800	20,3
2	8656	8657	HFC 2-90R	2 NPT	2.469	62,7	4.900	124,4	5.500	139,6	.840	21,3

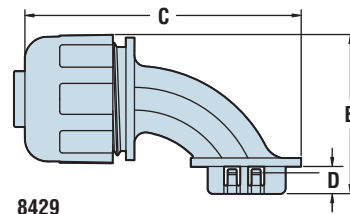
Standard color black or gray.



“Snap-In” Hub for 1/2” Heyco-Flex Conduit and Tubing

1/2	8429	-	HFC 1/2-90R-S	N/A	.875	22,2	1.702	43,2	2.912	73,9	.299	7,6
-----	------	---	---------------	-----	------	------	-------	------	-------	------	------	-----

Standard color black.



Quick Specs

Material Certifications	6/6 Nylon <ul style="list-style-type: none"> UL Listed under Underwriters' Laboratories File E28430 CSB Certified by Canadian Standards Association File LL84579 and LR81067
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)
IP Rating	IP 68 up to 70 psi (5 bar) water pressure



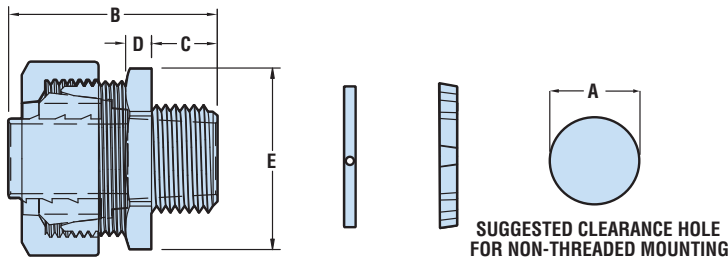
Heyco-Flex™ Metallic Liquid Tight Conduit Fittings

Straight-Thru, NPT Hubs

For use with non-metallic Heyco-Flex™ I electrical conduit



FITS CONDUIT/TUBING TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS									
			BODY AND SEALING UNIT									
			A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
1/2	9794	HFC-Z 1/2	.890	22,6	1.350	34,3	.486	12,3	.161	4,1	1.185	30,1
3/4	9795	HFC-Z 3/4	1.109	28,1	1.370	34,8	.495	12,6	.185	4,7	1.500	38,1



- Suitable for outside, inside, and industrial uses including transformer connections, air conditioning, and heating.
- Suitable for use in both wet and dry location.
- Provides smooth connection, no sharp edges to strip wire.
- Cost effective die-cast zinc construction provides durability and resists rough environments.
- Supplied with locknut and plastic sealing ring.
- Fits the most common sizes of nonmetallic liquid tight conduit.
- For use with Heyco-Flex™ I Liquid Tight Conduit. See Page 1-1.

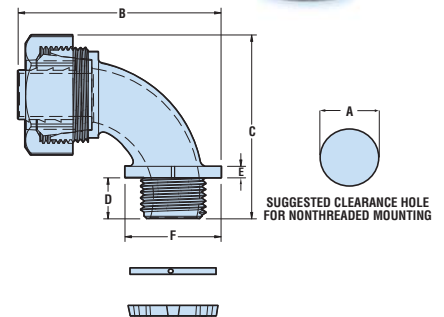
Heyco-Flex™ Metallic Liquid Tight Conduit Fittings

90° Sweep, NPT Hubs

For use with non-metallic Heyco-Flex™ I electrical conduit



FITS CONDUIT/TUBING TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS											
			BODY AND SEALING UNIT											
			A Clearance Hole		B Max. O.A. Length		C Max. O.A. Height		D Thread Length		E Wrenching Nut Thk.		F Wrenching Flats	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.			
1/2	9796	HFC-Z 1/2-90	.890	22,6	2.346	59,6	2.118	53,8	.515	13,1	.105	2,9	1.135	28,8
3/4	9797	HFC-Z 3/4-90	1.109	28,1	2.697	68,5	2.409	61,2	.508	12,9	.095	2,4	1.362	34,6



Material	Die cast zinc
Certifications	UL Listed under UL File E103541
Ingress Protection	Liquid tight when used with Heyco-Flex™ I electrical conduit

Quick Specs



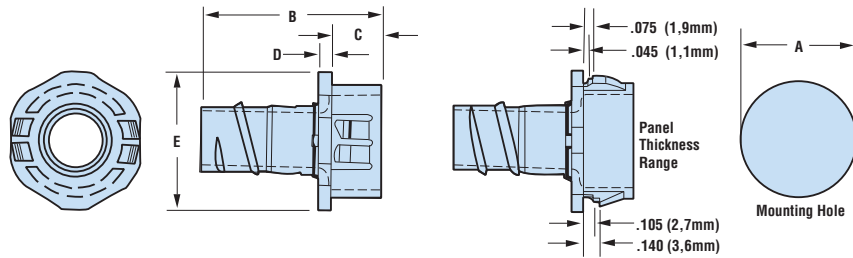
Heyco-Flex™ “Quick Twist” Conduit Fittings Straight-Thru, Snap-In Hubs

For use with Heyco-Flex™ II Tubing

- Snap-in Fittings are UL approved for use with Heyco-Flex™ II tubing. See page 1-2.
- One-piece solution with smooth internal surfaces provides for easier wire routing, protection, and installation.
- All nylon construction is resistant to salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification and testing.
- Easy, permanent assembly: the installer twists the tubing over the connector ferrule, until the tubing clicks into place. It's that easy!
- No tools needed for installation.
- Unique locking fingers accommodate various panel thicknesses.
- Suitable for a wide array of electrical applications:
 - Commercial and Industrial HVAC Systems
 - Motorized Equipment
 - Enclosed Power Sources
 - Garage Door Openers
 - Major Appliances
- Finishing collars to neaten rough cut tubing ends.

FITS TUBING TRADE SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS									
	Black	Gray		A Mounting Hole Dia.		B Overall Length		C Body Length		D Wrenching Nut		E Wrenching Flats	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1/4	8515	8516	HFC 1/4-S-twist	.540	13,7	1.330	33,8	.344	8,7	.090	2,3	.750	19,0
3/8	8485	8486	HFC 3/8-S-twist	.875	22,2	1.376	35,0	.391	9,9	.090	2,3	1.000	25,4
1/2	8490	8491	HFC 1/2-S-twist	.875	22,2	1.376	35,0	.391	9,9	.090	2,3	1.000	25,4
3/4	8495	8496	HFC 3/4-S-twist	1.093	27,8	1.495	38,0	.391	9,9	.090	2,3	1.250	31,8

Standard colors black and gray. Consult Heyco for other colors.



Heyco-Flex “Quick Twist” Finishing Collars



For use with Heyco-Flex™ I and II Conduit Fittings

FITS CONDUIT/ TRADE SIZE	PART NO.		DESCRIPTION
	Black	Gray	
3/8	8474	8482	HFC TWIST 3/8 COLLAR
1/2	8475	8483	HFC TWIST 1/2 COLLAR
3/4	8476	8484	HFC TWIST 3/4 COLLAR

Standard colors black and gray. Consult Heyco for other colors. (Not available in 1/4”).

Quick Specs

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E121095
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)



Heyco-Flex™ “Quick Twist” Liquid Tight Conduit Fittings Straight-Thru, NPT Hubs

For use with Heyco-Flex™ I and II Conduit and Tubing

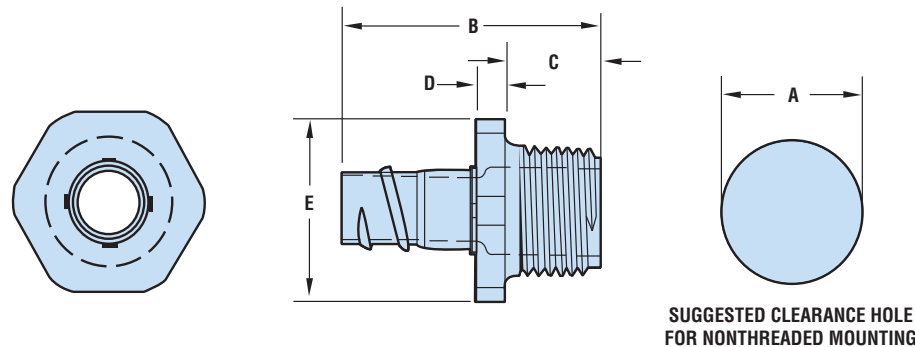


FITS CONDUIT/ TUBING TRADE SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS									
	Black	Gray			A Clearance Hole		B Max O.A. Height		C Max O.A. Length		D Thread Length		E Flange Dia.	
					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1/4	8517	8518	*HFC 1/4 twist	1/4-NPT	.540	13,7	1.559	39,6	.465	11,8	.200	5,1	.750	19,0
3/8	8487	8488	HFC 3/8 twist	1/2-NPT	.875	22,2	1.720	43,7	.625	15,9	.200	5,1	1.180	30,0
1/2	8493	8494	HFC 1/2 twist	1/2-NPT	.875	22,2	1.720	43,7	.625	15,9	.200	5,1	1.180	30,0
3/4	8497	8498	HFC 3/4 twist	3/4-NPT	1.109	28,2	1.840	46,7	.625	15,9	.200	5,1	1.370	34,8

Standard colors black and gray. Consult Heyco for other colors.

UL Listed under Underwriters' Laboratories File E28430.

* Recognized under the Component Program of Underwriters' Laboratories File E121095.



- NPT threaded fittings are UL approved for use with Heyco-Flex I & II conduit and tubing. See pages 1-1 and 1-2.
- One-piece solution with smooth internal surfaces provides for easier wire routing, protection, and installation.
- All nylon construction is resistant to salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification and testing.
- Easy, permanent assembly: the installer twists the tubing over the connector ferrule, until the tubing clicks into place. It's that easy!
- No tools needed for installation.
- Unique locking fingers accommodate various panel thicknesses.
- Suitable for a wide array of electrical applications:
 - Commercial and Industrial HVAC Systems
 - Motorized Equipment
 - Enclosed Power Sources
 - Garage Door Openers
 - Major Appliances
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- **Locknuts not included.**
To order metal or nylon locknuts separately, see pages 1-11 and 1-12.
- Finishing collars to neaten rough cut tubing ends. See page 1-7.

Material	6/6 Nylon
Certifications	See UL and Recognized Listed File Numbers under charts
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)
Ingress Protection	NPT Threaded style is liquid tight. Consult Heyco for details.

Quick
Specs



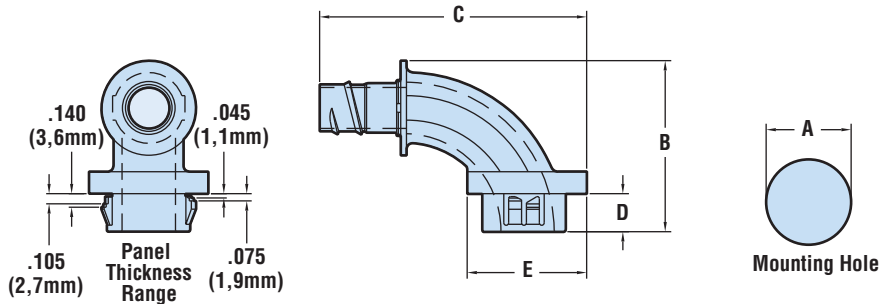
Heyco-Flex™ “Quick Twist” Conduit Fittings 90° Sweep, Snap-In Hubs

For use with Heyco-Flex™ II Tubing

- Snap-in Fittings are UL approved for use with Heyco-Flex™ II tubing. See page 1-2.
- One-piece solution with smooth internal surfaces provides for easier wire routing, protection, and installation.
- All nylon construction is resistant to salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification and testing.
- Easy, permanent assembly: the installer twists the tubing over the connector ferrule, until the tubing clicks into place. It's that easy!
- No tools needed for installation.
- Unique locking fingers accommodate various panel thicknesses.
- Suitable for a wide array of electrical applications:
 - Commercial and Industrial HVAC Systems
 - Motorized Equipment
 - Enclosed Power Sources
 - Garage Door Openers
 - Major Appliances
- Finishing collars to neaten rough cut tubing ends. See page 1-7.

FITS TUBING TRADE SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS									
	Black	Gray		A		B		C		D		E	
				Mounting Hole Dia.	Max O.A. Height	Max O.A. Length	Body Length	Flange Dia.					
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
3/8	8500	8501	HFC 3/8-S-90-twist	.875	22,2	1.754	44,6	2.749	69,8	.390	9,9	1.230	31,2
1/2	8505	8506	HFC 1/2-S-90-twist	.875	22,2	1.754	44,6	2.749	69,8	.390	9,9	1.230	31,2
3/4	8510	8511	HFC 3/4-S-90-twist	1.093	27,8	1.965	50,0	3.081	78,3	.390	9,9	1.500	38,1

Standard colors black and gray. Consult Heyco for other colors.



Quick Specs

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E121095
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



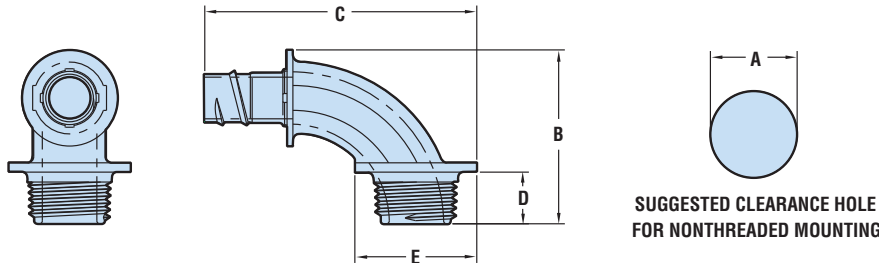
Heyco-Flex™ “Quick Twist” Liquid Tight Conduit Fittings 90° Sweep, NPT Hubs

For use with Heyco-Flex™ I and II Conduit and Tubing



FITS CONDUIT/ TUBING TRADE SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS									
	Black	Gray			A Clearance Hole		B Max O.A. Height		C Max O.A. Length		D Thread Length		E Flange Dia.	
					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
3/8	8502	8503	HFC 3/8 90-twist	1/2-NPT	.875	22,2	1.754	44,6	2.749	69,8	.521	13,2	1.230	31,2
1/2	8507	8508	HFC 1/2 90-twist	1/2-NPT	.875	22,2	1.754	44,6	2.749	69,8	.521	13,2	1.230	31,2
3/4	8512	8513	HFC 3/4 90-twist	3/4-NPT	1.109	30,2	2.105	53,5	3.081	78,3	.530	13,5	1.500	38,1

Standard colors black and gray. Consult Heyco for other colors.



- NPT threaded fittings are UL approved for use with Heyco-Flex I & II conduit and tubing. See pages 1-1 and 1-2.
- One-piece solution with smooth internal surfaces provides for easier wire routing, protection, and installation.
- All nylon construction is resistant to salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification and testing.
- Easy, permanent assembly: the installer twists the tubing over the connector ferrule, until the tubing clicks into place. It's that easy!
- No tools needed for installation.
- Unique locking fingers accommodate various panel thicknesses.
- Suitable for a wide array of electrical applications:
 - Commercial and Industrial HVAC Systems
 - Motorized Equipment
 - Enclosed Power Sources
 - Garage Door Openers
 - Major Appliances
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- **Locknuts not included.** To order metal or nylon locknuts separately. See pages 1-11 and 1-12.
- Finishing collars to neaten rough cut tubing ends. See page 1-7.

Material	6/6 Nylon
Certifications	UL Listed under Underwriters' Laboratories File E28430
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)
Ingress Protection	NPT Threaded style is liquid tight. Consult Heyco for details.

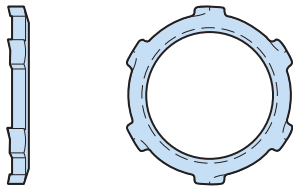
Quick
Specs



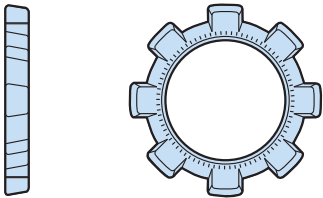
Heyco® Metal Locknuts

NPT Thread Locknuts

Straight NPS Threads for use with NPT Threaded Fittings



Stamped Steel Nut



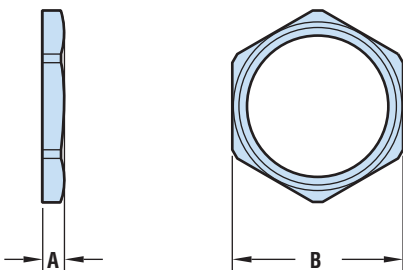
Zinc Die-cast Nut

TYPE TRADE SIZE	STAMPED STEEL		ZINC DIE-CAST	
	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1/2	2250	LN 1/2	9800	LN 1/2 DC
3/4	2251	LN 3/4	9801	LN 3/4 DC
1	2252	LN 1	9802	LN 1 DC
1-1/4	9806	LN 1-1/4	9803	LN 1-1/4 DC
1-1/2	9807	LN 1-1/2	9804	LN 1-1/2 DC
2	9808	LN 2	9805	LN 2 DC

PG Thread Locknuts–Nickel Plated Brass



THREAD SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A Thickness		B Wrenching Flats	
			in.	mm.	in.	mm.
PG 7	2257	LN PG 7	.110	2,8	.591	15,0
PG 9	2258	LN PG 9	.110	2,8	.709	18,0
PG 11	2259	LN PG 11	.118	3,0	.827	21,0
PG 13.5	2260	LN PG 13	.118	3,0	.906	23,0
PG 16	2261	LN PG 16	.118	3,0	1.024	26,0
PG 21	2262	LN PG 21	.138	3,5	1.261	32,0
PG 29	2263	LN PG 29	.158	4,0	1.615	41,0
PG 36	2268	LN PG 36	.197	5,0	2.009	51,0
PG 42	2269	LN PG 42	.197	5,0	2.364	60,0



Metric Thread Locknuts–Nickel Plated Brass

THREAD SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A Thickness		B Wrenching Flats	
			in.	mm.	in.	mm.
M6	2243	LN M6	.110	2,8	.354	9,0
M8	2244	LN M8	.110	2,8	.433	11,0
M10	2245	LN M10	.110	2,8	.512	13,0
M12	2246	LN M12	.118	3,0	.591	15,0
M16	2247	LN M16	.118	3,0	.748	19,0
M20	2248	LN M20	.138	3,5	.945	24,0
M25	2249	LN M25	.138	3,5	1.181	30,0
M32	2253	LN M32	.177	4,5	1.417	36,0
M40	2254	LN M40	.177	4,5	1.811	46,0
M50	2255	LN M50	.217	5,5	2.165	55,0

- For use with Heyco-Flex™ Cordgrips and most electrical fittings.
- Nickel-plated brass finish over brass provides excellent corrosion resistance and durability.
- Metric sizes M6 thru M50 accommodate a wide range of fittings.



Heyco® Nylon Locknuts



NPT Thread
Straight NPS Threads for use with NPT Threaded Fittings

THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS			
	Black	Gray		A		B	
				Thickness		Wrenching Flats	
in.	mm.	in.	mm.				
1/4 NPT	M9142	M9143	NLN 1/4 NPT	.265	6,7	.748	19,0
3/8 NPT	8461	8462	NLN 3/8 NPT	.265	6,7	1.058	26,9
1/2 NPT	8463	8464	NLN 1/2 NPT	.265	6,7	1.058	26,9
3/4 NPT	8465	8466	NLN 3/4 NPT	.265	6,7	1.312	33,3
1 NPT	8467	8468	NLN 1 NPT	.265	6,7	1.605	40,8
1-1/4 NPT	M9144	M9145	NLN 1-1/4 NPT	.281	7,1	1.968	50,0
1-1/2 NPT	M9150	M9151	NLN 1-1/2 NPT	.320	8,1	2.750	69,9
2 NPT	M9156	M9157	NLN 2 NPT	.375	9,5	2.856	72,4

Standard colors black or gray.

PG Thread

THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS			
	Black	Gray		A		B	
				Thickness		Wrenching Flats	
in.	mm.	in.	mm.				
PG 7	3165	3166	NLN PG 7	.218	5,5	.750	19,1
PG 9	3167	3168	NLN PG 9	.218	5,5	.859	21,8
PG 11	3169	3170	NLN PG 11	.218	5,5	.937	23,8
PG 13.5	3171	3172	NLN PG 13.5	.250	6,4	1.062	27,0
PG 16	3173	3174	NLN PG 16	.250	6,4	1.171	29,7
PG 21	3175	3176	NLN PG 21	.281	7,1	1.406	35,7
PG 29	3177	3178	NLN PG 29	.281	7,1	1.812	46,0
PG 36	M9146	M9147	NLN PG 36	.281	7,1	2.244	56,9
PG 42	M9152	M9153	NLN PG 42	.320	8,1	2.750	69,9
PG 48	M9158	M9159	NLN PG 48	.375	9,5	2.850	72,4

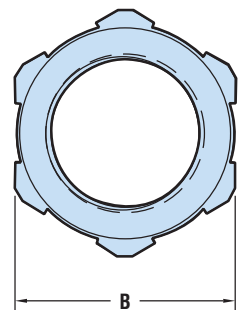
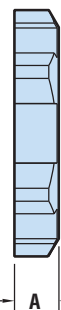
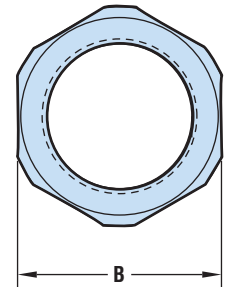
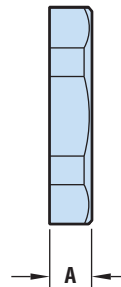
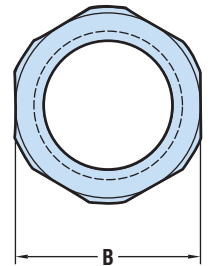
Standard colors black or gray.

Metric Thread

THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS			
	Black	Gray		A		B	
				Thickness		Wrenching Flats	
in.	mm.	in.	mm.				
M12	M9130	M9131	NLN M12	.218	5,5	.750	19,1
M16	M9132	M9133	NLN M16	.218	5,5	.870	22,1
M20	M9134	M9135	NLN M20	.245	6,2	1.062	27,0
M25	M9136	M9137	NLN M25	.278	7,1	1.378	35,0
M32	M9138	M9139	NLN M32	.281	7,1	1.614	41,0
M40	M9140	M9141	NLN M40	.281	7,1	1.968	50,0
M50	M9148	M9149	NLN M50	.320	8,1	2.750	69,9
M63	M9154	M9155	NLN M63	.375	9,5	2.850	72,4

Standard colors black or gray.

Material	6/6 Nylon
Flammability Rating	94V-2 Standard—Consult Heyco for VO material
Material Temperature Index	257°F (125°C)—Maximum temperature on the part not exceed 221°F (105°C)



Quick Specs

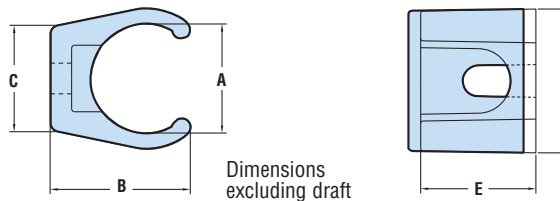


Heyco-Flex™ Mounting Brackets

- For mounting Heyco-Flex™ Conduit or Tubing securely into place, vertically or horizontally. See pages 1-1 and 1-2.
- Only fingertip pressure is required to snap conduit or tubing into bracket.
- Low profile design for space savings and pleasing appearance.
- Recommended distance between brackets at intervals not greater than 3 feet (1m) as required by Article 351-27 of 1996 NEC.
- Use one standard #10 (4-5M) screw for attaching bracket to panel (screw not included).
- Resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.

FITS CONDUIT/ TUBING SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS									
	Black	Gray		A		B		C		D		E	
				Inside Diam.	Length	Height	Outside Diam.	Width	in.	mm.	in.	mm.	in.
3/8	1025	1026	HFB 3/8	.664	16,9	.912	23,2	.715	18,2	.903	22,9	.750	19,1
1/2	1027	1028	HFB 1/2	.788	20,0	1.074	27,3	.710	18,0	1.056	26,8	.750	19,1
3/4	1029	1030	HFB 3/4	1.050	26,7	1.269	32,2	.670	17,0	1.306	33,2	.750	19,1
1	1031	1032	HFB 1	1.240	31,5	1.520	38,6	.840	21,3	1.530	38,9	.750	19,1

Standard color black or gray.

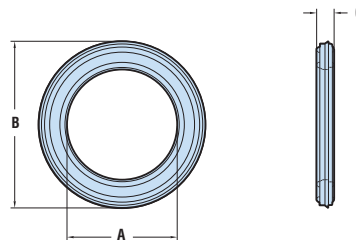


- For use with Heyco-Flex™ fittings.
- Liquid tight, dust tight, and oil tight at enclosure.
- Suitable for wet locations requiring a separate gasket between the box and fitting.
- Also suitable for other panel sealing applications.
- Easy to install since washers seal off on the perimeter, not on the connector threads.
- Special double sealing ridges compensate for minor unevenness at enclosure.

Heyco® Sealing Washers

Will Fit These Electrical Fitting Trade Sizes-NPT	PART NO. Black	DESCRIPTION	PART DIMENSIONS					
			A Inside Diameter		B Outside Diameter		C Thickness	
			in.	mm.	in.	mm.	in.	mm.
1/4	3258	SW 1/4	.540	13,7	.796	20,2	.125	3,2
3/8	3259	SW 3/8	.670	17,0	1.010	25,5	.125	3,2
1/2	3260	SW 1/2	.820	20,8	1.240	31,5	.125	3,2
3/4	3261	SW 3/4	1.030	26,2	1.500	38,1	.135	3,4
1	3262	SW 1	1.281	32,5	1.770	45,0	.175	4,4
1-1/4	3264	SW 1-1/4	1.662	42,2	2.160	54,8	.160	4,1

Standard color black.



Quick
Specs

Mounting Brackets		Sealing Washers	
Material	6/6 nylon	Material	Thermoplastic Elastomer
Flammability Rating	94V-2	Flammability Rating	94V-0
Material Temperature Index	257°F (125°C) Max Temp on the part shall not exceed 221°F (105°C)	Material Temperature Index	257°F (125°C) Max Temp on the part shall not exceed 221°F (105°C)



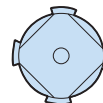
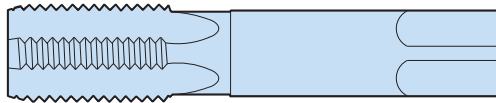
Heyco® PG Thread Taps

For Steel Conduit Threads per DIN 40430



THREAD TYPE AND SIZE	TAP DRILL DIAMETER mm.	DESCRIPTION	PART NO.		PART DIMENSIONS		
			Starting	Finishing	Major Diameter mm.	Length	
						Overall mm.	Thread mm.
PG 7	11,5	PG-T 7	0150	0151	12,5	63,0	20,0
PG 9	14,0	PG-T 9	0153	0154	15,2	70,0	20,0
PG 11	17,3	PG-T 11	0156	0157	18,6	80,0	22,0
PG 13.5	19,0	PG-T 13.5	0159	0160	20,4	80,0	22,0
PG 16	21,3	PG-T 16	0162	0163	22,5	80,0	22,0
PG 21	27,0	PG-T 21	0165	0166	28,3	90,0	22,0
PG 29	35,5	PG-T 29	0168	0169	37,0	110,0	25,0

- Use a starting tap for through-hole applications.
- For blind holes, thread first with a starting tap; finish bottoming the threads with a finishing tap.
- Flank angle 80°.
- Made of high-speed steel with ground threads for greater accuracy to assure optimum performance.
- Suitable for cutting alloy steel, bronze and stainless.





Flexicon Nylon Corrugated Conduit/Tubing

Highly Flexible Polyamide 6 Nylon, Standard Weight

Type FPAS

- 10 mm thru 67 mm nominal sizes.
- Use with nylon Flexicon fittings; Straight, 45° or 90°. See pages 1-17 through 1-23.
- Highly resistant to abrasion, oil, and solvents.
- Temperature range:
-40°C to 120°C static (-40°F to 248°F)
-20°C to 100°C moving (-4°F to 212°F)
- Highly flexible and high fatigue life.
- High impact strength and recovers if crushed.
- Lightweight and low installed cost.
- UV resistant (black).
- For use with all types of equipment, machinery, pumps, motors, and HVAC equipment.
- Halogen, sulphur, and phosphorus free.
- Highly flame retardant.
- Low fire hazard.
- Low smoke and toxicity.
- See Page 1-24 for mounting clips.
- See Pages 1-25, 1-26, and 1-27 for technical specifications.
- Consult factory for light and/or heavy weight nylon 6 corrugated conduit.
- Consult factory for Type FPR Extra Low Fire Hazard (V0) Nylon 6 corrugated conduit.
- Consult factory for gray or other colors as well as nonstandard lengths.

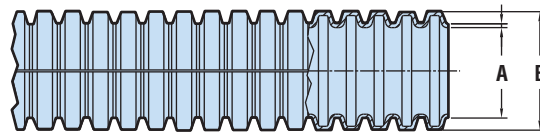
NOMINAL SIZE	PITCH	PART NO.	DESCRIPTION	PART DIMENSIONS							
				Inside Bend Radius		A Inside Diameter		B Outside Diameter		Roll Length	
				in.	mm.	in.	mm.	in.	mm.	Ft.	M.
10 mm	F	*F8400	*FPAS 10/BL	.591	15,0	.248	6,3	.394	10,0	164	50m
13 mm	F	*F8402	*FPAS 13/BL	.984	25,0	.386	9,8	.512	13,0	164	50m
16 mm	F	F8404	FPAS 16/BL	1.575	40,0	.465	11,8	.622	15,8	164	50m
21 mm	F	F8406	FPAS 21/BL	1.722	45,0	.657	16,7	.835	21,2	164	50m
28 mm	F	F8410	FPAS 28/BL	1.969	50,0	.898	22,8	1.122	28,5	164	50m
34 mm	C	F8414	FPAS 34/BL	2.362	60,0	1.106	28,1	1.358	34,5	164	50m
42 mm	C	F8416	FPAS 42/BL	2.756	70,0	1.398	35,5	1.673	42,5	82	25m
54 mm	C	F8418	FPAS 54/BL	3.150	80,0	1.858	47,2	2.146	54,5	82	25m
67 mm	C	F8420	FPAS 67/BL	5.118	130,0	2.216	56,3	2.646	67,2	33	10m

Standard color black.

PITCH: Indicates frequency and separation of corrugations. F=Fine or closely spaced and

C=Coarse or less closely spaced, fittings work equally well with either fine or coarse pitch conduit.

*Not approved.



Quick Specs

Material	Polyamide 6 Nylon (PA6)
Certifications	Recognized under Underwriters' Laboratories File E229161 Approved as per EN50086
Flammability Rating	94V-2 and Halogen Free
IP Rating	IP 66 with FPA Fittings Per EN60529/IP 66, 67&68 with FPAX Fittings
Compression Strength	75 kg/100 mm (165 lbs./4 in.) for 21 mm nominal size
Tensile Strength	40 kg (88 lbs.) for 21 mm nominal size



Flexicon Nylon Corrugated Conduit/Tubing

Extremely Flexible Polyamide 12 Nylon, Standard Weight

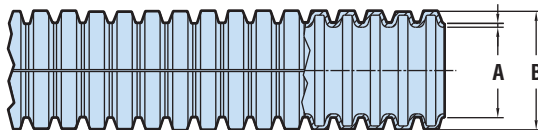


NOMINAL SIZE	PITCH	PART NO.	DESCRIPTION	PART DIMENSIONS							
				Inside Bend Radius		A Inside Diameter		B Outside Diameter		Roll Length	
				in.	mm.	in.	mm.	in.	mm.	Ft.	M.
13 mm	F	F8422	* FPI 13/BL	.984	25,0	.386	9,8	.512	13,0	164	50m
16 mm	F	F8424	FPI 16/BL	1.181	30,0	.465	11,8	.622	15,8	164	50m
21 mm	F	F8426	FPI 21/BL	1.378	35,0	.657	16,7	.835	21,2	164	50m
28 mm	C	F8432	FPI 28/BL	1.772	45,0	.854	21,7	1.122	28,5	164	50m
34 mm	C	F8434	FPI 34/BL	2.165	55,0	1.106	28,1	1.358	34,5	82	25m
42 mm	C	F8436	FPI 42/BL	2.362	60,0	1.398	35,5	1.673	42,5	82	25m
54 mm	C	F8438	FPI 54/BL	2.756	70,0	1.858	47,2	2.146	54,5	82	25m

Standard color black.

*UL certification pending.

PITCH: Indicates frequency and separation of corrugations. F=Fine or closely spaced and C=Coarse or less closely spaced, fittings work equally well with either fine or coarse pitch conduit.



Type FPI

- 13 mm thru 54 mm nominal sizes.
- Medium wall construction.
- Use with nylon Flexicon fittings; Straight, 45° or 90°. See pages 1-17 through 1-23.
- Highly resistant to abrasion, oil, and solvents.
- Temperature range: -50°C to 110°C (-58°F to 230°F)
- Highly flexible and exceptional fatigue life.
- High impact strength and recovers if crushed.
- UV resistant (black).
- Particularly suited to Robotics, Automation, and/or continuous flexing.
- Halogen and phosphorus free.
- See Page 1-24 for mounting clips.
- See Pages 1-25, 1-26 and 1-27 for technical specifications.
- Consult factory for heavy weight nylon 12 corrugated conduit.
- Consult factory for Type FPR Extra Low Fire Hazard (VO) Nylon 6 corrugated conduit.
- Consult factory for gray or other colors as well as nonstandard lengths.

Material	Polyamide 12 Nylon (PA12)
Certifications	Recognized under Underwriters' Laboratories File E229161 Approved as per EN50086
Flammability Rating	94 HB and Low Smoke, Low Toxicity as well as Halogen and Phosphorus Free
IP Rating	IP 66 with FPA Fittings Per EN60529/IP 66, 67&68 with FPAX Fittings
Compression Strength	45 kg/100 mm (99 lbs./4 in.) for 21 mm nominal size
Tensile Strength	30 kg (66 lbs.) for 21 mm nominal size

Quick Specs



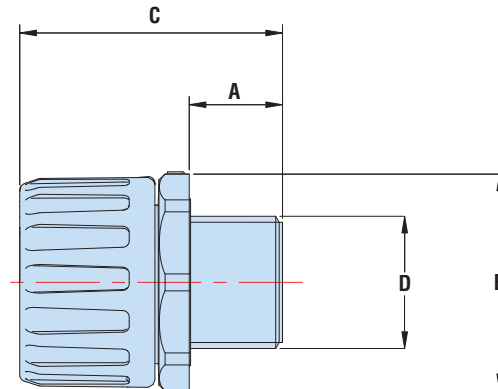
Flexicon Nylon Conduit Fittings Straight-Thru, NPT Hub

For Flexible, Corrugated Nylon Conduit/Tubing

- For use with Flexicon corrugated conduit/tubing. See pages 1-15 and 1-16.
- Suitable for use with both fine and/or coarse pitch conduit/tubing.
- Unitary design and assembled shipment allows fast fit.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- No threading of the conduit/tubing is required to install.
- **Locknuts not included**, refer to page 1-12 for Nylon Locknuts.
- Suitable for use by all original equipment manufacturers.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- Vibration and tamper resistant, but easily removed with a screwdriver.
- Refer to page 1-27 for NPT thread specifications.

FITS CONDUIT NOMINAL SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT							
	Black	Gray			A		B		C		D	
					Thread Length	Max. O.A. Diameter	Max. O.A. Length	Clearance Hole	in.	mm.	in.	mm.
16 mm	F8504	F8505	FPA 16-038	3/8 NPT	.433	11,0	1.122	28,5	1.457	37,0	.670	17,0
16 mm	F8506	F8507	FPA 16-050	1/2 NPT	.551	14,0	1.122	28,5	1.555	39,5	.875	22,2
21 mm	F8510	F8511	FPA 21-050	1/2 NPT	.551	14,0	1.260	32,0	1.732	44,0	.875	22,2
28 mm	F8516	F8517	FPA 28-075	3/4 NPT	.591	15,0	1.732	44,0	1.969	50,0	1.109	28,2
34 mm	F8520	F8521	FPA 34-100	1 NPT	.630	16,0	1.988	50,5	2.087	53,0	1.375	34,9
42 mm	F8522	F8523	FPA 42-125	1-1/4 NPT	.630	16,0	2.469	62,7	2.382	60,5	1.734	44,0
42 mm	F8524	F8525	FPA 42-150	1-1/2 NPT	.709	18,0	2.469	62,7	2.430	62,5	1.984	50,4
54 mm	F8526	F8527	FPA 54-150	1-1/2 NPT	.709	18,0	2.992	76,0	2.638	67,0	1.984	50,4
54 mm	F8528	F8529	FPA 54-200	2 NPT	.787	20,0	2.992	76,0	2.717	69,0	2.469	62,7
67 mm	F8530	F8531	FPA 67-200	2 NPT	.787	20,0	3.543	90,0	2.894	73,5	2.469	62,7

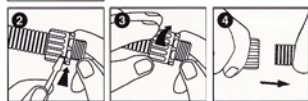
Standard color black. Consult Heyco for other colors.



Assembly instructions:



Removal instructions:



Quick Specs

Material	Polyamide Nylon 6/6
Certifications	UL Recognized under Underwriters' Laboratories File E229161 CE Approved as per EN50086
Flammability Rating	94 V2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorous Free
IP Rating	IP 66 standard as per EN60529 IP 66 IP 66&67&68 available—consult factory and specify FPAX fittings
Temperature Rating	The temperature rating for all FPA fittings meets or exceeds that for all Flexicon conduit/tubing



Flexicon Nylon Conduit Fittings

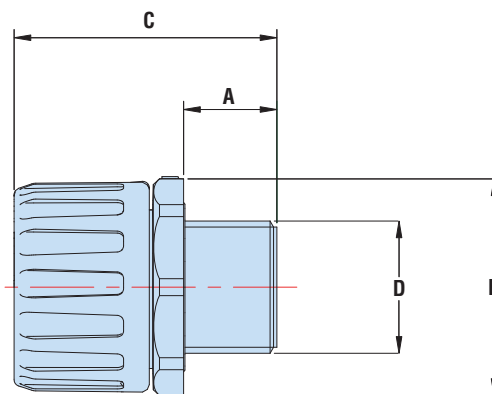
Straight-Thru, PG Hub

For Flexible, Corrugated Nylon Conduit/Tubing



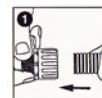
FITS CONDUIT NOMINAL SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT							
	Black	Gray			A		B		C		D	
					Thread Length	Max. O.A. Diameter	Max. O.A. Length	Clearance Hole				
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.			
10 mm	F8540	F8541	*FPA 10-PG7	PG 7	.354	9,0	.748	19,0	1.280	32,5	.492	12,5
13 mm	F8542	F8543	*FPA 13-PG9	PG 9	.394	10,0	.925	23,5	1.457	37,0	.599	15,2
16 mm	F8546	F8547	FPA 16-PG11	PG 11	.394	10,0	1.122	28,5	1.417	36,0	.733	18,6
16 mm	F8548	F8549	FPA 16-PG13	PG 13	.394	10,0	1.122	28,5	1.417	36,0	.804	20,4
21 mm	F8550	F8551	FPA 21-PG13	PG 13	.394	10,0	1.260	32,0	1.575	40,0	.804	20,4
21 mm	F8552	F8553	FPA 21-PG16	PG 16	.453	11,0	1.260	32,0	1.614	41,0	.886	22,5
28 mm	F8556	F8557	FPA 28-PG21	PG 21	.472	12,0	1.732	44,0	1.850	47,0	1.115	28,3
34 mm	F8560	F8561	FPA 34-PG29	PG 29	.472	12,0	1.988	50,5	1.929	49,0	1.470	37,3
42 mm	F8562	F8563	FPA 42-PG36	PG 36	.472	12,0	2.469	62,7	2.224	56,5	1.850	47,0
54 mm	F8566	F8567	FPA 54-PG48	PG 48	.472	12,0	2.992	76,0	2.402	61,0	2.335	59,3

Standard color black. Consult Heyco for other colors.
 *Not recognized.

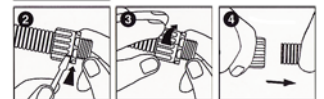


- For use with Flexicon corrugated conduit/tubing. See pages 1-15 and 1-16.
- Suitable for use with both fine and/or coarse pitch conduit/tubing.
- Unitary design and assembled shipment allows fast fit.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- No threading of the conduit/tubing is required to install.
- **Locknuts not included**, refer to page 1-12 for Nylon Locknuts.
- Suitable for use by all original equipment manufacturers.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- Vibration and tamper resistant, but easily removed with a screwdriver.
- Refer to page 1-27 for PG thread specifications.

Assembly instructions:



Removal instructions:



Material	Polyamide Nylon 6/6
Certifications	Recognized under Underwriters' Laboratories File E229161 Approved as per EN50086
Flammability Rating	94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorous Free
IP Rating	IP 66 standard as per EN60529 IP 66 IP 66&67&68 available—consult factory and specify FPAX fittings
Temperature Rating	The temperature rating for all FPA fittings meets or exceeds that for all Flexicon conduit/tubing

Quick Specs



Flexicon Nylon Conduit Fittings Straight-Thru, Metric Hub For Flexible, Corrugated Nylon Conduit/Tubing

- For use with Flexicon corrugated conduit/tubing. See pages 1-15 and 1-16.
- Suitable for use with both coarse and/or fine pitch conduit/tubing.
- Unitary design and assembled shipment allows fast fit.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- No threading of the conduit or tubing is required to install.
- **Locknuts INCLUDED.**
- Suitable for use by original equipment manufacturers.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- Vibration and tamper resistant, but easily removed with a screwdriver.
- Refer to page 1-27 for metric thread specification.

FITS CONDUIT NOMINAL SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT							
	Black	Gray			A		B		C		D	
					Thread Length	Max. O.A. Diameter	Max. O.A. Length	Clearance Hole	in.	mm.	in.	mm.
10 mm	F8570	F8571	*FPA 10-M12	M12x1,5	.354	9,0	.748	19,0	1.280	32,5	.473	12,0
13 mm	F8572	F8573	*FPA 13-M16	M16x1,5	.453	11,0	.925	23,5	1.496	38,0	.630	16,0
16 mm	F8574	F8575	FPA 16-M16	M16x1,5	.453	11,0	1.122	28,5	1.457	37,0	.630	16,0
16 mm	F8576	F8577	FPA 16-M20	M20x1,5	.551	14,0	1.122	28,5	1.555	39,5	.787	20,0
21 mm	F8580	F8581	FPA 21-M20	M20x1,5	.551	14,0	1.260	32,0	1.732	44,0	.787	20,0
28 mm	F8586	F8587	FPA 28-M25	M25x1,5	.591	15,0	1.732	44,0	1.969	50,0	.985	25,0
34 mm	F8590	F8591	FPA 34-M32	M32x1,5	.630	16,0	1.988	50,5	2.087	53,0	1.260	32,0
42 mm	F8592	F8593	FPA 42-M40	M40x1,5	.630	16,0	2.469	62,7	2.382	60,5	1.575	40,0
42 mm	F8594	F8595	FPA 42-M50	M50x1,5	.630	16,0	2.469	62,7	2.382	60,5	1.969	50,0
54 mm	F8596	F8597	FPA 54-M50	M50x1,5	.630	16,0	2.992	76,0	2.559	65,0	1.969	50,0
54 mm	F8598	F8599	FPA 54-M63	M63x1,5	.630	16,0	2.992	76,0	2.559	65,0	2.480	63,0
67 mm	F8578	F8579	FPA 67-M63	M63x1,5	.630	16,0	3.543	90,0	2.736	69,5	2.480	63,0

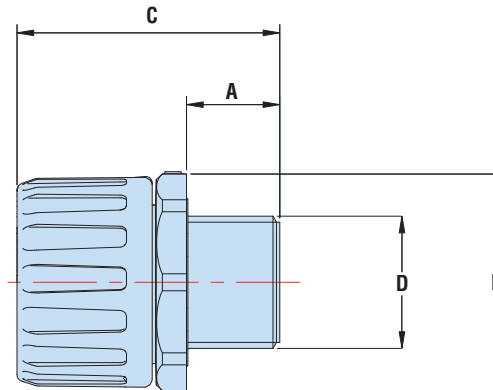
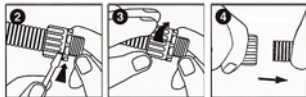
Standard color black. Consult Heyco for other colors.

*Not recognized.

Assembly instructions:



Removal instructions:



Quick Specs

Material	Polyamide Nylon 6/6
Certifications	Recognized under Underwriters' Laboratories File E229161 Approved as per EN50086
Flammability Rating	94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorous Free
IP Rating	IP 66 standard as per EN60529 IP 66&67&68 available—consult factory and specify FPAX fittings
Temperature Rating	The temperature rating for all FPA fittings meets or exceeds that for all Flexicon conduit/tubing



Flexicon Nylon Conduit Fittings

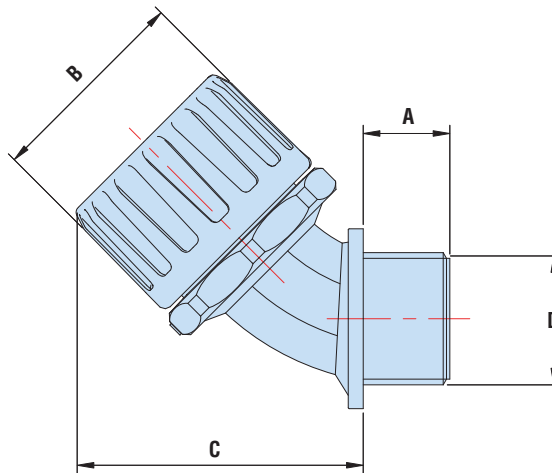
45° Sweep, NPT Hub

For Flexible, Corrugated Nylon Conduit/Tubing



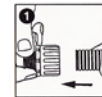
FITS CONDUIT NOMINAL SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT							
	Black	Gray			A		B		C		D	
					Thread Length	Max. O.A. Diameter	Max. O.A. Length	Clearance Hole	in.	mm.	in.	mm.
16 mm	F8706	F8707	FPA 16-050-45	NPT 1/2	.512	13,0	1.122	28,5	1.634	41,5	.875	22,2
21 mm	F8710	F8711	FPA 21-050-45	NPT 1/2	.512	13,0	1.260	32,0	1.693	43,0	.875	22,2
28 mm	F8716	F8717	FPA 28-075-45	NPT 3/4	.591	15,0	1.732	44,0	2.283	58,0	1.109	28,2
34 mm	F8720	F8721	FPA 34-100-45	NPT 1	.630	16,0	1.988	50,5	2.559	65,0	1.375	34,9
42 mm	F8724	F8725	FPA 42-150-45	NPT 1-1/2	.669	17,0	2.469	62,7	3.189	81,0	1.984	50,4
54 mm	F8728	F8729	FPA 54-150-45	NPT 1-1/2	.669	17,0	2.992	76,0	3.504	89,0	1.984	50,4

Standard color black. Consult Heyco for other colors.

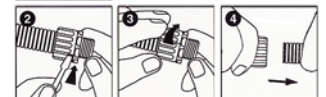


- For use with Flexicon corrugated conduit/tubing. See pages 1-15 and 1-16.
- Suitable for use with both coarse and/or fine pitch conduit/tubing.
- Unitary design and assembled shipment allows fast fit.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification and testing.
- No threading of the conduit or tubing is required to install.
- **Locknuts not included**, refer to page 1-12 for Nylon Locknuts.
- Suitable for use by all original equipment manufacturers.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- Vibration and tamper resistant, but easily removed with a screwdriver.

Assembly instructions:



Removal instructions:



Material	Polyamide Nylon 6/6
Certifications	Recognized under Underwriters' Laboratories File E229161 Approved as per EN50086
Flammability Rating	94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorous Free
IP Rating	IP 66 standard as per EN60529 IP 66 IP 66&67&68 available—consult factory and specify FPAX fittings
Temperature Rating	The temperature rating for all FPA fittings meets or exceeds that for all Flexicon conduit/tubing.

Quick Specs



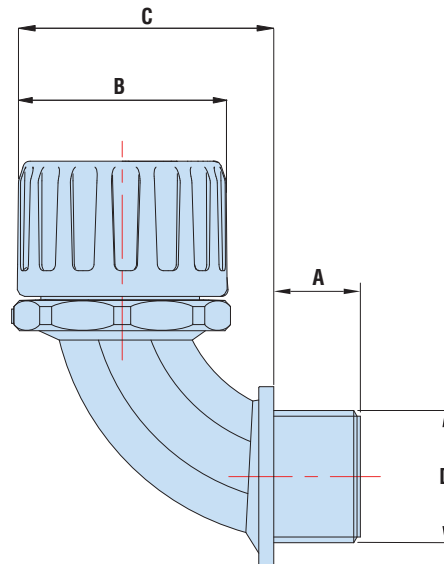
Flexicon Nylon Conduit Fittings 90° Sweep, NPT Hub

For Flexible, Corrugated Nylon Conduit/Tubing

- For use with Flexicon corrugated conduit/tubing. See pages 1-15 and 1-16.
- Suitable for use with both coarse and/or fine pitch conduit/tubing.
- Unitary design and assembled shipment allows fast fit.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease and common solvents. This feature is not assessed by UL certification or testing.
- No threading of the conduit or tubing is required to install.
- **Locknuts not included**, refer to page 1-12 for Nylon Locknuts.
- Suitable for use by all original equipment manufacturers.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- Vibration and tamper resistant, but easily removed with a screwdriver.

FITS CONDUIT NOMINAL SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT							
	Black	Gray			A		B		C		D	
					Thread Length	Max. O.A. Diameter	Max. O.A. Length	Clearance Hole				
16 mm	F8606	F8607	FPA 16-050-90	1/2 NPT	.512	13,0	1.122	28,5	1.476	37,5	.875	22,2
21 mm	F8610	F8611	FPA 21-050-90	1/2 NPT	.512	13,0	1.260	32,0	1.555	39,5	.875	22,2
28 mm	F8616	F8617	FPA 28-075-90	3/4 NPT	.591	15,0	1.732	44,0	1.988	50,0	1.109	28,2
34 mm	F8620	F8621	FPA 34-100-90	1 NPT	.630	16,0	1.988	50,5	2.303	58,5	1.375	34,9
42 mm	F8622	F8623	FPA 42-125-90	1-1/4 NPT	.630	16,0	2.469	62,7	3.150	80,0	1.375	34,9
42 mm	F8624	F8625	FPA 42-150-90	1-1/2 NPT	.669	17,0	2.469	62,7	3.228	82,0	1.984	50,4
54 mm	F8626	F8627	FPA 54-150-90	1-1/2 NPT	.669	17,0	2.992	76,0	3.425	87,0	1.984	50,4
54 mm	F8628	F8629	FPA 54-200-90	2 NPT	.728	18,5	2.992	76,0	3.445	87,5	2.469	62,7
67 mm	F8630	F8631	FPA 67-200-90	2 NPT	.728	18,5	3.543	90,0	3.740	95,0	2.469	62,7

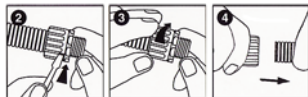
Standard color black. Consult Heyco for other colors.



Assembly instructions:



Removal instructions:



Quick Specs

Material	Polyamide Nylon 6/6
Certifications	Recognized under Underwriters' Laboratories File E229161 Approved as per EN50086
Flammability Rating	94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorous Free
IP Rating	IP 66 standard as per EN60529 IP 66 IP 66, 67, & 68 available—consult factory and specify FPAX fittings
Temperature Rating	The temperature rating for all FPA fittings meets or exceeds that for all Flexicon conduit/tubing



Flexicon Nylon Conduit Fittings

90° Sweep, PG Hub



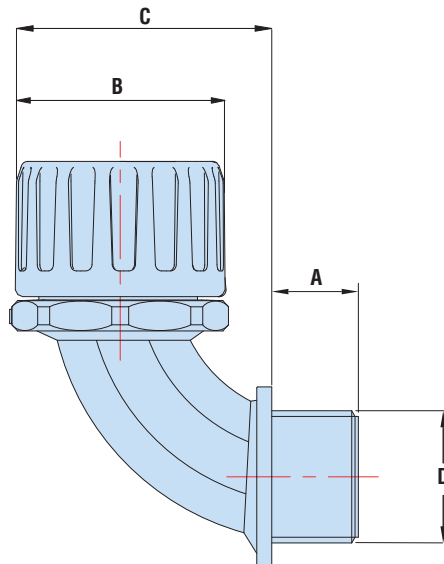
For Flexible, Corrugated Nylon Conduit/Tubing

FITS CONDUIT NOMINAL SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT							
	Black	Gray			A		B		C		D	
					Thread Length	in.	mm.	Max. O.A. Diameter	in.	mm.	Max. O.A. Length	in.
10 mm	F8640	F8641	FPA 10-PG7-90	* PG 7	.315	8,0	.748	19,0	.945	24,0	.492	12,5
13 mm	F8642	F8643	FPA 13-PG9-90	* PG 9	.394	10,0	.925	23,5	1.437	36,5	.599	15,2
16 mm	F8646	F8647	FPA 16-PG11-90	PG 11	.394	10,0	1.122	28,5	1.535	39,0	.733	18,6
16 mm	F8648	F8649	FPA 16-PG13-90	PG 13	.394	10,0	1.122	28,5	1.614	41,0	.804	20,4
21 mm	F8650	F8651	FPA 21-PG13-90	PG 13	.394	10,0	1.266	32,0	1.614	41,0	.804	20,4
21 mm	F8652	F8653	FPA 21-PG16-90	PG 16	.453	11,0	1.266	32,0	1.614	41,0	.886	22,5
28 mm	F8656	F8657	FPA 28-PG21-90	PG 21	.472	12,0	1.732	44,0	2.094	53,2	1.115	28,3
34 mm	F8660	F8661	FPA 34-PG29-90	PG 29	.472	12,0	1.988	50,5	2.488	62,3	1.470	37,3
42 mm	F8662	F8663	FPA 42-PG36-90	PG 36	.472	12,0	2.469	62,7	3.358	85,3	1.850	47,0
54 mm	F8666	F8667	FPA 54-PG48-90	PG 48	.472	12,0	2.992	76,0	3.831	97,3	2.335	59,3

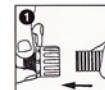
Standard color black. Consult Heyco for other colors.

*Not recognized.

- For use with Flexicon corrugated conduit/tubing. See pages 1-15 and 1-16.
- Suitable for use with both coarse and/or fine pitch conduit/tubing.
- Unitary design and assembled shipment allows fast fit.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification.
- No threading of the conduit or tubing is required to install.
- **Locknuts not included**, refer to page 1-12 for Nylon Locknuts.
- Suitable for use by original equipment manufacturers.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- Refer to page 1-27 for PG thread specifications.
- Vibration and tamper resistant, but easily removed with a screwdriver.



Assembly instructions:



Removal instructions:



Material	Polyamide Nylon 6/6
Certifications	Recognized under Underwriters' Laboratories File E229161 Approved as per EN50086
Flammability Rating	94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorous Free
IP Rating	IP 66 standard as per EN60529 IP 66&67&68 available—consult factory and specify FPAX fittings
Temperature Rating	The temperature rating for all FPA fittings meets or exceeds that for all Flexicon conduit/tubing

Quick Specs



Flexicon Nylon Conduit Fittings

90° Sweep, Metric Hub

For Flexible, Corrugated Nylon Conduit/Tubing

- For use with Flexicon corrugated conduit/tubing. See pages 1-15 and 1-16.
- Suitable for use with both coarse and/or fine pitch conduit/tubing.
- Unitary design and assembly shipment allows fast fit.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- No threading of the conduit or tubing is required to install.
- **Locknuts INCLUDED.**
- Suitable for use by original equipment manufacturers.
- Protection class IP 66 per EN 60529 including high pressure water jet from an angle.
- Vibration and tamper resistant, but easily removed with a screwdriver.

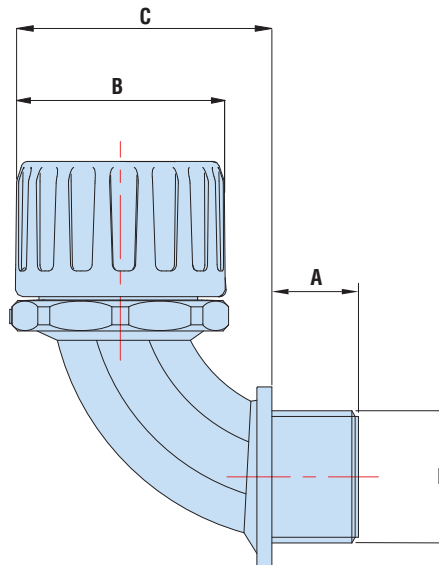
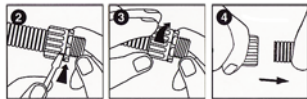
FITS CONDUIT NOMINAL SIZE	PART NO.		DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT							
	Black	Gray			A		B		C		D	
					Thread Length in.	mm.	Max. O.A. Diameter in.	mm.	Max. O.A. Length in.	mm.	Clearance Hole in.	mm.
10 mm	F8670	F8671	FPA 10-M12-90	M12x1,5	.315	8,0	.748	19,0	.945	24,0	.473	12,0
13 mm	F8672	F8673	FPA 13-M16-90	M16x1,5	.453	11,5	.925	23,5	.366	34,7	.630	16,0
16 mm	F8674	F8675	FPA 16-M16-90	M16x1,5	.453	11,5	1.122	28,5	1.476	37,5	.630	16,0
16 mm	F8676	F8677	FPA 16-M20-90	M20x1,5	.512	13,0	1.122	28,5	1.476	37,5	.787	20,0
21 mm	F8680	F8681	FPA 21-M20-90	M20x1,5	.512	13,0	1.260	32,0	1.555	39,5	.787	20,0
28 mm	F8686	F8687	FPA 28-M25-90	M25x1,5	.591	15,0	1.732	44,0	1.988	50,5	.985	25,0
34 mm	F8690	F8691	FPA 34-M32-90	M32x1,5	.630	16,0	1.988	50,5	2.303	58,5	1.260	32,0
42 mm	F8694	F8695	FPA 42-M50-90	M50x1,5	.630	16,0	2.469	62,7	3.268	83,0	1.969	50,0
54 mm	F8696	F8697	FPA 54-M50-90	M50x1,5	.630	16,0	2.992	76,0	3.465	88,0	1.969	50,0
54 mm	F8698	F8699	FPA 54-M63-90	M63x1,5	.630	16,0	2.992	76,0	3.465	88,0	2.480	63,0
67 mm	F8678	F8679	FPA 67-M63-90	M63x1,5	.630	16,0	3.543	90,0	3.740	95,0	2.480	59,3

Standard color black. Consult Heyco for other colors.

Assembly instructions:



Removal instructions:



Quick Specs

Material	Polyamide Nylon 6/6
Certifications	UL Recognized under Underwriters' Laboratories File E229161 CE Approved as per EN50086
Flammability Rating	94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorous Free
IP Rating	IP 66 standard as per EN60529 IP 66&67&68 available—consult factory and specify FPAX fittings
Temperature Rating	The temperature rating for all FPA fittings meets or exceeds that for all Flexicon conduit/tubing



Flexicon Conduit/Tubing Mounting Clips

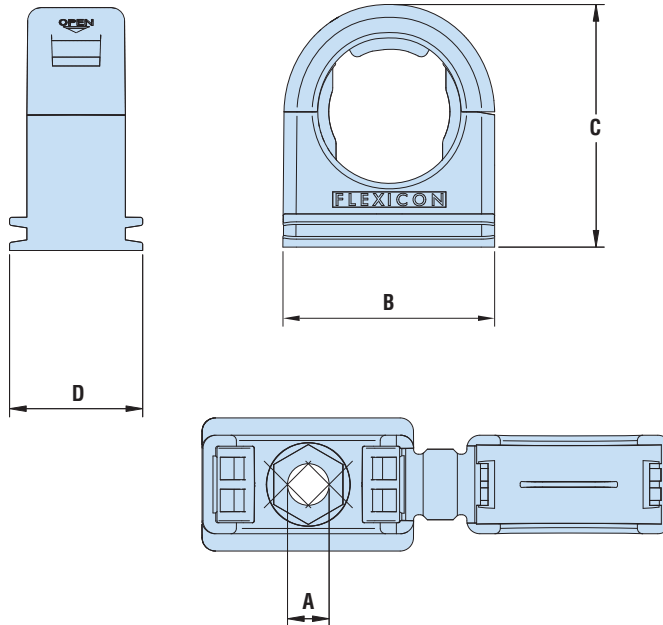
With Integral Closure



FITS CONDUIT TRADE	PART NO.		DESCRIPTION	PART DIMENSIONS							
	Black	Gray		A		B		C		D	
				Mounting Hole		Max Width		Max O.A Height		Max.O.A. Thickness	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
10 mm	F8900	F8901	FCL 10	.197	5,0	.894	22,7	1.093	26,4	.787	20,0
13 mm	F8902	F8903	FCL 13	.197	5,0	.894	22,7	1.093	26,4	.787	20,0
16 mm	F8904	F8905	FCL 16	.205	5,2	1.039	26,4	1.173	29,8	.787	20,0
21 mm	F8906	F8907	FCL 21	.244	6,2	1.252	31,8	1.437	36,5	.787	20,0
28 mm	F8908	F8909	FCL 28	.244	6,2	1.606	40,8	1.752	44,5	.787	20,0
34 mm	F8910	F8911	FCL 34	.244	6,2	1.890	48,0	2.028	51,5	.787	20,0
42 mm	F8912	F8913	FCL 42	.244	6,2	2.252	57,2	2.370	60,2	.787	20,0
54 mm	F8914	F8915	FCL 54	.244	6,2	2.744	69,7	2.862	72,7	.787	20,0

Standard color black. Consult Heyco for other colors.

- For use with Flexicon corrugated conduit/tubing. See pages 1-15 and 1-16.
- Suitable for use with both fine and/or coarse pitch conduit/tubing.
- For mounting Flexicon corrugated conduit or tubing securely into place, vertically or horizontally.
- Only fingertip pressure is required to snap conduit or tubing into bracket.
- Suitable for use by original equipment manufacturers.
- Low profile design for space savings and pleasing appearance.
- Recommended distance between brackets at intervals not greater than 3 feet (914 mm) as required by Article 351-27 of 1996 NEC.
- Use one standard #10 (4-5M) screw for attaching bracket to panel or chassis (screw not included).
- Resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- Can be easily opened for temporary access/removal and closed again to secure conduit.



Material	Polyamide Nylon 6/6
Certifications	CE Approved as per BS EN50086
Flammability Rating	94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorous Free
Temperature Rating	The temperature rating for all FPA fittings meets or exceeds that for all Flexicon conduit/tubing

Quick Specs



Flexicon

Performance of Corrugated Nylon Conduit System and Low Fire Hazard (LFH)

Low Fire Hazard (LFH) conduit systems are becoming an increasing part of the specification in many applications.

Low Fire Hazard systems are required to protect personnel and property in the event of a fire and may be demanded by specifiers, occupiers, fire services or even insurers. Flexicon nylon conduit systems define a Low Fire Hazard product as having all of the following properties:

- **Highly Flame Retardant** to prevent a fire or limit its development if one does start.
- **Low Smoke** emission in the event of a fire to enable personnel to see their way to escape.
- **Low Toxicity** in the event of a fire to ensure personnel are not overcome during their escape.
- **Halogen Free** gives an indication of low smoke and low toxicity. It also rules out halogen acid gas emission—a fact that is of interest to insurers as acid smoke can destroy computer equipment and damage the structure of a building.

Tests Used

- **Flame Retardancy** UL 94 is an Underwriters' Laboratories standard with flammability classifications HB, V2, V1, V0. A V2 rating indicates that a product is self-extinguishing, and V0 is highly flame retardant. Most Flexicon Nylon Conduit system products have a V2 rating or better—see across for details.
- **Smoke Density** is evaluated to BS6853 annex D.8.3, Code of practice for fire precautions in the design and construction of passenger trains. A plaque of materials is burnt in a 3 meter cubic chamber. A graph of smoke opacity against time is plotted which shows the maximum opacity (Ao) and the time taken to reach that opacity. LFH materials should have $Ao < 0.03$.
- **Toxic Fumes** British Naval standard NES713 burns a set amount of material and analyzes the gases given off. The volume of each gas is multiplied by the toxicity index for each gas. The toxicity index for each gas are added together to give an overall toxicity index of the material. LFH materials should have a toxicity maximum of 10.

Flexicon PA6 Conduit (Standard Weight—FPAS)

- Self Extinguishing
- Flame Retardant—UL 94V-2
- Low Smoke to BS6853—Maximum Opacity $Ao = 0.02$
- Low Toxicity—Toxicity Index to NES713 = 10

Flexicon PA6 Conduit (Heavy Weight—FPAH)

- Self Extinguishing
- Flame Retardant—UL 94V-0 Annex B = 0.99
- Low Smoke to BS6853—Maximum Opacity $Ao = 0.02$
- Low Toxicity—Toxicity Index to NES713 = 10

Flexicon PA6 Conduit (Extra Low Fire Hazard—FPR)

- Self Extinguishing
- Flame Retardant —UL 94V-0
- Low Smoke to BS6853—Maximum Opacity $Ao = 0.03$
- Low Toxicity—Toxicity Index to BS6853 ANNEX B=0.99
- Ignition and fume rating to—NFF16-101/2 = 12F1

Flexicon PA6/6 Fittings (NPT, Metric or PG threads—IP 66 or IP 68)

- Self Extinguishing
- Flame Retardant—UL 94V-2
- Low Smoke to BS6853—Maximum Opacity $Ao = 0.03$
- Low Toxicity—Toxicity Index to NES713 = 10



Flexicon

Chemical Resistance Corrugated Nylon Nonmetallic Conduit and Fittings

** nylon PA12 corrugated, heavy weight TYPE FPIH	1-2 nylon PA12 corrugated, standard weight TYPE FPI	** nylon LFH PA6 corrugated, heavy weight TYPE FPAH	** nylon extra LFH PA6 corrugated, standard weight TYPE FPR	** nylon PA6 corrugated, light weight TYPE FPAL	1-1 nylon LFH PA6 corrugated, standard weight TYPE FPAS	Page number CONDUIT SYSTEM
X	X	X	X	X	X	ACETONE
X	X	X	X	X	X	BENZENE
X	X	X	X	X	X	CARBON TETRACHLORIDE
X	X	X	X	X	X	CITRIC ACID
X	X	X	X	X	X	DIESEL OIL
o	o	X	X	X	X	DIETHYLAMINE
o	o	X	X	X	X	ETHANOL
X	X	X	X	X	X	ETHER
o	o	X	X	X	X	ETHYLAMINE
X	X	X	X	X	X	ETHYLENE GLYCOL
X	X	X	X	X	X	FREON 32
X	X	X	X	X	X	LUBRICATING OIL
X	X	X	X	X	X	MEK
X	X	X	X	X	X	PARAFFIN OIL
X	X	X	X	X	X	PETROL
X	X	X	X	X	X	SEA WATER
X	X	X	X	X	X	SILVER NITRATE
X	X	X	X	X	X	SKYDROL
X	X	X	X	X	X	SODIUM CHLORIDE
X	X	X	X	X	X	SODIUM HYDROXIDE (10%)
o	o	X	X	X	X	SODIUM HYDROXIDE (60%)
X	X	X	X	X	X	TOLUENE
X	X	X	X	X	X	TRANSFORMER OIL
X	X	X	X	X	X	1,1,1-TRICHLOROETHANE
X	X	X	X	X	X	TURPENTINE
X	X	X	X	X	X	VEGETABLE OIL
X	X	X	X	X	X	WATER

Design Characteristics

60	45	120	75	60	75	@ Compression Strength (KG/100MM)
50	30	70	40	30	40	@ Pull Off Strength (KG)
-50 to 110°C	-50 to 110°C	-40 to 120°C	-40 to 120°C	-40 to 120°C	-40 to 120°C	Temperature Range
35	30	45	35	35	40	Bend Radius (MM)

- o Provides limited resistance to this substance
- x Provides good resistance to this substance
- ** Consult factory for availability of these conduit types

@ Data intended to indicate relative strength and will vary across different sizes. Figures shown for 21 mm nominal size.



Flexicon

Performance of Corrugated Nylon Conduit System

Tubing and Fittings—Ingress Protection

IP Ratings Guide (Ingress Protection to BS EN 60529)

- 1st digit-protection against solid objects**
- 0 No protection
 - 1 Protected against objects greater than 50 mm
 - 2 Protected against objects greater than 12 mm
 - 3 Protected against objects greater than 2.5 mm
 - 4 Protected against objects greater than 1.0 mm
 - 5 Ingress of dust is not totally prevented but dust does not enter in harmful quantities
 - 6 No ingress of dust—*All Flexicon Conduit Systems provide this level of protection when used with our fittings.*

2nd digit-protection against water

- 0 No protection
- 1 Protected against falling drops
- 2 Protected against drops falling at 15°
- 3 Low pressure spray—similar to shower head at up to 60° from vertical
- 4 Low pressure spray—similar to shower head—from any angle
- 5 Medium pressure jet— similar to garden hose—from any angle
- 6 High pressure jet—similar to fire hose—from any angle
Standard Flexicon Conduit Systems provide this level of protection when used with our FPA fittings.
- 7 Submersion at 1 meter for 30 minutes
- 8 High water pressure eg: 2 bar for 2 hours
Optional FPAX Flexicon Conduit Systems provide this level of protection—consult Heyco for availability

Conduit Fittings—Thread Data

Metric standard thread conforming to EN60423

Thread size	External thread outside diameter (mm)	Internal thread inside diameter (mm)	Pitch mm
M12	12.0	10.4	1.5
M16	16.0	14.4	1.5
M20	20.0	18.4	1.5
M25	25.0	23.4	1.5
M32	32.0	30.4	1.5
M40	40.0	38.4	1.5
M50	50.0	48.4	1.5
M63	63.0	61.4	1.5
M75	75.0	73.4	1.5

NPT American taper pipe thread conforming to ANSI/ASME B1.20.1–1983

Thread size (inches)	External thread outside diameter (mm)	Pitch mm
3/8	16.7	1.14
1/2	21.0	1.81
3/4	26.4	1.81
1	33.3	2.21
1-1/4	41.9	2.21
1-1/2	47.8	2.21
2	59.6	2.21

PG German standard thread conforming to DIN40430

Thread size	External thread outside diameter (mm)	Internal thread inside diameter (mm)	Pitch mm
PG7	12.5	11.3	1.27
PG9	15.2	13.9	1.41
PG11	18.6	17.3	1.41
PG13.5	20.4	19.1	1.41
PG16	22.5	21.2	1.41
PG21	28.3	26.8	1.59
PG29	37.0	35.5	1.59
PG36	47.0	45.5	1.59
PG42	54.0	52.5	1.59
PG48	59.3	57.8	1.59



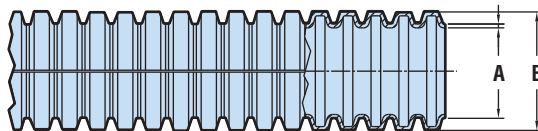
Heyco-Flex™ V Nylon Slit Tubing



NOMINAL DIAMETER	PART NO.	DESCRIPTION	PART DIMENSIONS						ROLL LENGTH
			A Outside Diameter		B Inside Diameter		C Wall Thickness Range		
in.	Black		in.	mm.	in.	mm.	in.	mm.	ft.
1/8	1634A	HF5 1/8	.260	6,6	.168	4,3	.007-.019	0,18-0,48	100
1/4	1635A	HF5 1/4	.390	9,9	.288	7,3	.007-.019	0,18-0,48	100
11/32	1636A	HF5 11/32	.500	12,7	.342	8,7	.007-.019	0,18-0,48	100
3/8	1637A	HF5 3/8	.532	13,5	.415	10,5	.007-.019	0,18-0,48	100
7/16	1638A	HF5 7/16	.613	15,6	.440	11,2	.007-.019	0,18-0,48	100
1/2	1639A	HF5 1/2	.660	16,8	.511	13,0	.007-.019	0,18-0,48	100
5/8	1641A	HF5 5/8	.806	20,5	.663	16,8	.007-.019	0,18-0,48	100
3/4	1642A	HF5 3/4	.928	23,6	.790	20,1	.007-.019	0,18-0,48	100
1	1643A	HF5 1	1.073	27,3	.917	23,3	.007-.019	0,18-0,48	100
1-1/16	1644A	HF5 1-1/16	1.215	30,9	1.010	25,6	.007-.019	0,18-0,48	100
1-1/4	1646A	HF5 1-1/4	1.500	38,1	1.295	32,9	.007-.019	0,18-0,48	100
1-1/2	1649A	HF5 1-1/2	1.734	43,9	1.465	37,2	.007-.019	0,18-0,48	100

Standard color black.

- Multiple sizes 1/8" to 1-1/2".
- Slit design allows side entry and encirclement of pre-assembled harnesses and capillary tubes.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- Heyco-Flex V is lightweight and flexible, yet durable enough to meet your wire management requirements.
- Unique slit design allows for wire breakouts.
- Quick installation; cuts with utility knife, PVC cutter or Heyco cutting tool #8340. See page 1-1.



Material	Polyamide 6 Nylon
Temperature Range of Use	-40°C to 115°C (-40°F to 239°F) Continuous -40°C to 190°C (-40°F to 374°F) Intermittent
Flammability Rating	94HB

Quick Specs



The Strain Reliever™ “Pill Bottle”



INDICATIONS:

For permanent **relief of strain** associated with not having the solution.

DIRECTIONS:

Remove top and shake out a potential solution. Take one dose each time “**no solution**” symptoms appear. Repeat as needed. This prescription may be refilled at any time because new solutions are constantly being generated.

WARNING:

If strain persists or gets worse, consult your Heyco representative immediately because this could be a sign of a serious problem in need of a Heyco solution!

Request one from your Heyco Distributor, Sales Representative, Business Development Manager, or Customer Service Representative—TODAY!

HEYCO FOR YOUR BUSINESS HEALTH



Heyco®
Liquid Tight
Cordgrips
Straight-Thru,
NPT, PG &
Metric Hubs
2-1, 2-2, 2-3



Heyco®
Liquid Tight
Cordgrips
Pigtail,
NPT, PG &
Metric Hubs
2-4, 2-5, 2-6



Heyco®
Liquid Tight
Cordgrips
Right Angle,
NPT, PG &
Metric Hubs
2-7, 2-8



Heyco®
Liquid Tight
Hole Plugs
2-9



Heyco®
Snap-In
PG & Metric
Liquid Tight
Bushings
2-10



Heyco®-Tite
Liquid Tight
Cordgrips
Straight-Thru,
NPT & PG Hubs
2-11, 2-12



Heyco®-Tite
Liquid Tight
Cordgrips
Pigtail,
NPT & PG Hubs
2-13, 2-14



NEW!
Heyco®
Liquid Tight
Cordgrips
Multi-Hole,
NPT, PG &
Metric Hubs
2-15, 2-16, 2-17



Heyco®
Threaded Plugs,
PG & Metric
2-18



NEW!
Heyco®
Snap-in
Cordgrips
2-19



Heyco®
Liquid Tight
Cordgrips
Labkit #78
2-20



Heyco®
Nylon & Metal
Locknuts
NPT, PG, &
Metric
2-21, 2-22



Heyco® Liquid
Tight Metal
Cordgrips NPT,
PG & Metric
Hubs, Nickel-
plated Brass
2-23, 2-24, 2-25



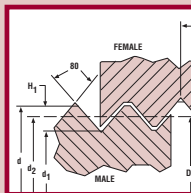
Heyco® Liquid
Tight Metal
Cordgrips NPT
Hubs, Steel &
Zinc-Die Cast
2-26



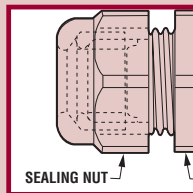
Heyco®
PG Thread
Taps
2-27



Heyco®
Sealing
Washers
2-27



Heyco®
PG Hub
DIN 40430
Specifications
2-28



Heyco®
Liquid Tight
Cordgrip
Installation
Instructions
2-29

HEYCO® Liquid Tight Cordgrips



Heyco® Liquid Tight Cordgrips Straight-Thru, NPT Hubs

For Flexible Cords. For use in clearance or threaded holes.

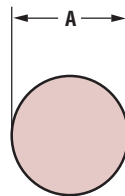


- Multiple sizes for cable diameters ranging from .065" (1,7 mm) to 1.730" (44,0 mm).
- We recommend using the cordgrip with the smallest maximum diameter that will fit your application.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with TPE or Buna N Sealing Gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- TPE Sealing Gland is used in LTF Series.
- Buna N Sealing Gland is used in LTCG Series.
- Suitable for NEMA type 6 enclosures.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 2-21.
- Consult Heyco for cordgrips molded in other colors.

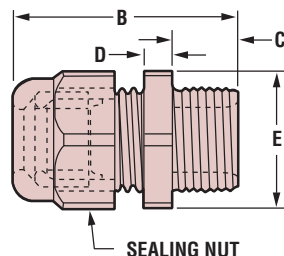
CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.065	1,7	.210	5,6	M4514	M4515	RLTCG 1/4	.540	13,7	1.28	32,8	.45	11,4	.21	5,3	.63	16,0
.115	2,9	.250	6,3	M4516	M4517	LTCG 1/4										
.069	1,8	.187	4,7	3458	3459	RLTF 3/8	.670	17,0	1.49	37,8	.53	13,5	.20	5,1	.75	19,1
.181	4,6	.312	7,9	3228	3229	LTF 3/8										
.170	4,3	.450	11,4	3231	3232	*LTF 1/2	.875	22,2	1.72	43,7	.62	15,7	.20	5,1	.95	24,1
.230	5,8	.546	13,9	3200	3201	*LLTF 1/2	.875	22,2	1.83	46,5	.62	15,7	.23	5,8	1.05	26,7
.250	6,4	.485	12,3	3460	3461	*RLTF 3/4	1.068	27,1	1.97	50,0	.63	16,0	.23	5,8	1.30	33,0
.450	11,4	.709	18,0	3234	3235	*LTF 3/4										
.490	12,0	.785	20,0	M8439	M8440	*RLTCG 1	1.326	33,7	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
.590	15,0	1.000	25,4	8437	8438	*LTF 1	1.350	34,3	2.42	61,5	.75	19,1	.28	7,1	1.65	41,9
.787	20,0	1.020	26,0	M4522	M4523	RLTCG 1-1/4	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,7
.875	22,3	1.260	32,0	M4524	M4525	LTCG 1-1/4										
1.230	31,2	1.730	44,0	M3317	M3318	LTCG 1-1/2	1.920	48,8	2.81	71,3	.76	19,3	.36	9,1	2.48	63,0
1.000	25,4	1.240	31,5	M3319	M3320	RLTCG 1-1/2										
1.450	36,8	1.560	39,6	M3321	M3322	LTCG 2	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9
1.160	29,5	1.350	34,3	M3323	M3324	RLTCG 2										

Standard colors black and gray.

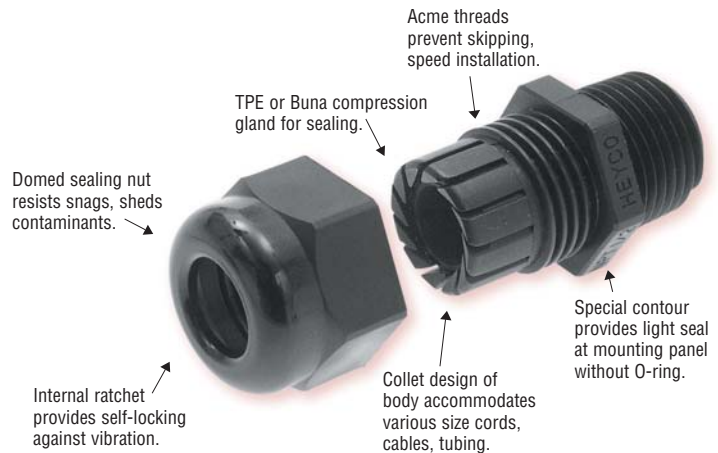
*UL Listed



SUGGESTED CLEARANCE HOLE FOR NONTHEADED MOUNTING



SEALING NUT



Consult Heyco for your alternate material requirements!

Quick Specs

Material Certifications

- 6/6 Nylon with Buna N Sealing Gland (LTCG Series) or TPE gland (LTF Series)
- UL Listed under Underwriters' Laboratories File E51579
- Recognized Under the Component Program of Underwriters' Laboratories File E51579
- Certified by Canadian Standards Association File LR93876C

Flammability Rating
Temperature Rating
IP Rating

94V-2
-22°F (-30°C) to 212°F (100°C)
IP 68



Heyco® Liquid Tight Cordgrips Straight-Thru, PG Hubs

For Flexible Cords. For use in clearance or threaded holes.

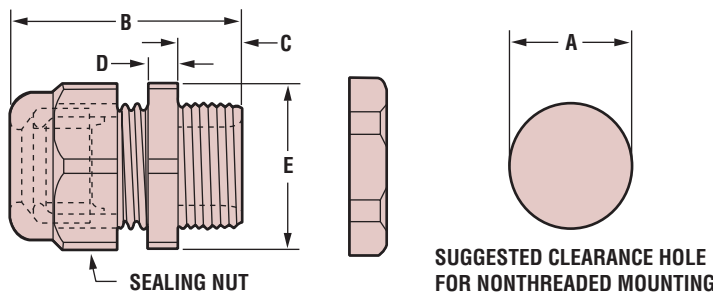


CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.064	1,6	.210	5,3	3444	3445	RLTF 7	.492	12,5	1.17	29,7	.33	8,4	.20	5,1	.59	15,0
.114	2,9	.250	6,4	3207	3208	LTF 7										
.069	1,8	.187	4,7	3446	3447	RLTF 9	.599	15,2	1.30	33,0	.34	8,6	.20	5,1	.75	19,1
.181	4,6	.312	7,9	3210	3211	LTF 9										
.069	1,8	.250	6,6	3448	3449	RLTF 11	.733	18,6	1.46	37,1	.39	9,9	.20	5,1	.86	21,8
.230	5,8	.395	10,0	3213	3214	LTF 11										
.170	4,3	.450	11,9	3216	3217	* LTF 13.5	.804	20,4	1.53	38,9	.41	10,4	.20	5,1	.95	24,1
.230	5,8	.530	13,9	3219	3220	* LTF 16	.886	22,5	1.66	42,2	.45	11,4	.23	5,8	1.05	26,7
.250	6,4	.490	12,3	3454	3455	* RLTF 21	1.115	28,3	1.87	47,5	.52	13,2	.23	5,8	1.30	33,0
.450	11,4	.705	18,0	3222	3223	* LTF 21										
.590	15,0	.990	25,4	3225	3226	* LTF 29	1.470	37,3	2.23	56,6	.59	15,0	.28	7,1	1.66	42,2
.787	20,0	1.020	26,0	M3206	M3205	* RLTCG 36	1.850	47,0	2.52	64,0	.51	12,9	.32	8,1	2.09	53,1
.875	22,0	1.260	32,0	M3204	M3203	* LTCG 36										
1.230	31,2	1.560	39,6	M3212	M3209	LTCG 42	2.130	54,1	2.50	63,5	.45	11,4	.36	9,1	2.48	63,0
1.000	25,4	1.240	31,5	M3218	M3215	* LTCG 42										
1.450	36,8	1.560	44,0	M3281	M3282	LTCG 48	2.340	59,4	2.63	66,7	.49	12,4	.42	10,7	2.75	69,9
1.160	29,5	1.560	34,3	M3283	M3284	RLTCG 48										

Standard colors black and gray.

*UL Listed

- Multiple sizes for cable diameters ranging from .064" (1,6 mm) to 1.730" (44,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with TPE or Buna N Sealing Gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- TPE Sealing Gland is used in LTF Series.
- Buna N Sealing Gland is used in LTCG Series.
- PG hub threads are steel conduit threads per DIN 40430.
- Suitable for NEMA type 6 enclosures.
- **Locknuts INCLUDED.**
- Consult Heyco for cordgrips molded in other colors.



Material	6/6 Nylon with Buna N Sealing Gland (LTCG Series) or TPE Gland (LTF Series)
Certifications	UL Listed under Underwriters' Laboratories File E51579 Recognized under the Component Program of Underwriters' Laboratories File E51579 Certified by Canadian Standards Association File LR93876C
Flammability Rating	94V-2
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68

Quick
Specs



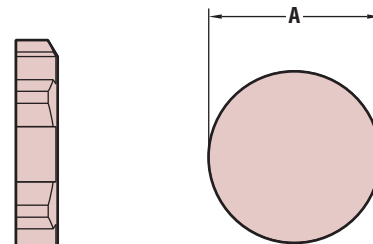
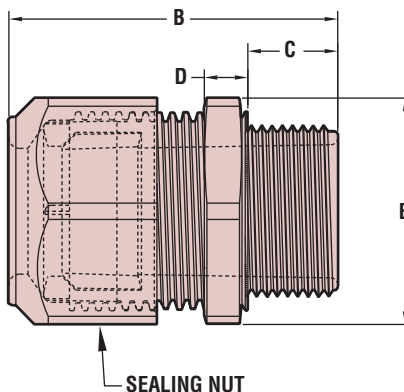
Heyco® Liquid Tight Cordgrips Straight-Thru, Metric Hubs

For Flexible Cords. For use in clearance or threaded holes.

- Multiple sizes for cable diameters ranging from .065" (1,7 mm) to 1.730" (44,0 mm).
- We recommend using the cordgrip with the smallest maximum diameter that will fit your application.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on this cable.
- Integral Sealing Ring ensures a superior seal at mounting locations every time.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Suitable for NEMA 6P enclosures.
- **Locknuts INCLUDED.**
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.065	1,7	.220	5,6	M4330	M4331	* RLTCG M12	.473	12,0	1.16	29,5	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	M4332	M4333	* LTCG M12										
.065	1,7	.187	4,7	M4334	M4335	* RLTCG M16	.630	16,0	1.25	31,8	.32	8,1	.21	5,3	.83	21,0
.105	2,7	.312	7,9	M4336	M4337	* LTCG M16										
.095	2,4	.260	6,6	M4338	M4339	RLTCG M20	.787	20,0	1.49	37,8	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	M4340	M4341	LTCG M20										
.250	6,4	.485	12,3	M4342	M4343	RLTCG M25	.985	25,0	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0
.485	12,3	.709	18,0	M4344	M4345	LTCG M25										
.490	12,4	.787	20,0	M4346	M4347	RLTCG M32	1.260	32,0	2.23	56,6	.58	14,7	.30	7,6	1.73	43,9
.590	15,0	1.000	25,4	M4348	M4349	LTCG M32										
.787	20,0	1.020	25,9	M4350	M4351	RLTCG M40	1.575	40,0	2.39	60,7	.48	12,2	.30	7,6	2.05	52,1
.865	22,0	1.260	32,0	M4352	M4353	LTCG M40										
1.23	31,2	1.56	39,6	M3300	M3301	LTCG M50	1.97	50,0	2.50	63,5	.45	11,4	.36	9,1	2.48	63,0
1.00	25,4	1.24	31,5	M3302	M3303	RLTCG M50										
1.45	36,8	1.560	44,0	M3304	M3305	LTCG M63	2.48	63,0	2.63	66,7	.49	12,4	.42	10,7	2.75	69,9
1.16	29,5	1.35	34,2	M3306	M3307	RLTCG M63										

Standard colors black and gray.
 *RA Recognized under Underwriters' Laboratories.



SUGGESTED CLEARANCE HOLE FOR NONTHEADED MOUNTING

Quick Specs

Material
 Certifications

- 6/6 Nylon with Buna N sealing gland
- UL Listed under Underwriters' Laboratories File E51579
- RA Recognized under the Component Program of Underwriters' Laboratories File E51579
- SF Certified by Canadian Standards Association File LR93876C
- Marks License #136681
- CE Per EC Low Voltage Directive 73/23/EEC

Flammability Rating
 Temperature Rating
 IP Rating

94V-2
 -22°F (-30°C) to 212°F (100°C)
 IP 68



Heyco® Liquid Tight Cordgrips Pigtail™, NPT Hubs

For Flexible Cords. For use in clearance or threaded holes.

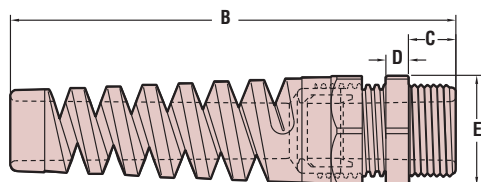


CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.069	1,8	.187	4,7	3474	3475	FLEX RLTF 3/8	.670	17,0	2.97	75,4	.53	13,5	.20	5,1	.75	19,1
.181	4,6	.312	7,9	3254	3255	FLEX LTF 3/8										
.170	4,3	.470	11,9	3251	3252	* FLEX LTF 1/2	.875	22,2	4.09	103,9	.62	15,7	.20	5,1	.95	24,1
.230	5,8	.546	13,9	3266	3267	* FLEX LLTF 1/2	.875	22,2	4.54	115,3	.62	15,7	.23	5,8	1.05	26,7
.250	6,4	.485	12,3	3462	3463	* FLEX RLTF 3/4	1.068	27,1	5.14	130,6	.63	16,0	.23	5,8	1.30	33,0
.450	11,4	.709	18,0	3239	3242	* FLEX LTF 3/4										

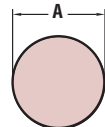
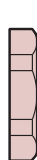
Standard colors black and gray.

* UL Listed

- Multiple sizes for cable diameters ranging from .069" (1,8 mm) to .709" (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with TPE Sealing Gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Flexible Pigtail™ extender prevents sharp bends and extends cable life.
- Suitable for NEMA type 4 and 6 enclosures.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 2-21.
- Consult Heyco for cordgrips molded in other colors.



SEALING NUT WITH FLEX-PROTECTOR EXTENDER



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material

Certifications

Flammability Rating

Temperature Rating

IP Rating

6/6 Nylon w/TPE Sealing Gland



Listed under Underwriters' Laboratories File E51579



Recognized under the Component Program of Underwriters' Laboratories File E51579



Certified by Canadian Standards Association File LR93876C

94V-2

-22°F (-30°C) to 212°F (100°C)

IP 68

Quick Specs



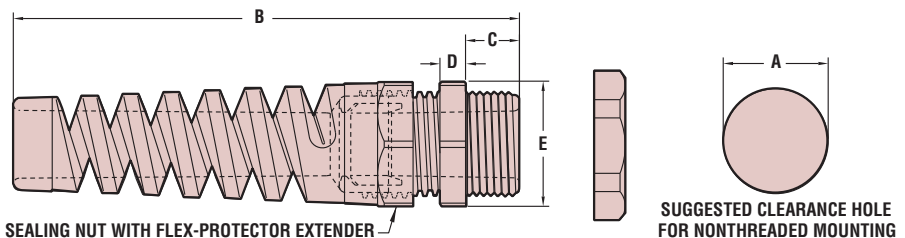
Heyco® Liquid Tight Cordgrips Pigtail™, PG Hubs

For Flexible Cords. For use in clearance or threaded holes.

- Multiple sizes for cable diameters ranging from .064" (1,6 mm) to .709" (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with TPE gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Flexible Pigtail™ extender prevents sharp bends and extends cable life.
- PG hub threads are steel conduit threads per DIN 40430.
- Suitable for NEMA type 4 and 6 enclosures.
- **Locknuts INCLUDED.**
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.064	1,6	.210	5,3	3464	3465	FLEX RLTF 7	.492	12,5	2.44	62,0	.33	8,4	.20	5,1	.59	15,0
.114	2,9	.250	6,4	3237	3238	FLEX LTF 7										
.069	1,8	.187	4,7	3466	3467	FLEX RLTF 9	.599	15,2	2.77	70,4	.34	8,6	.20	5,1	.75	19,1
.181	4,6	.312	7,9	3240	3241	FLEX LTF 9										
.069	1,8	.260	6,6	3468	3469	FLEX RLTF 11	.733	18,6	3.44	87,4	.39	9,9	.20	5,1	.86	21,8
.230	5,8	.395	10,0	3243	3244	FLEX LTF 11										
.170	4,3	.450	11,4	3246	3247	*FLEX LTF 13.5	.804	20,4	3.88	98,6	.41	10,4	.20	5,1	.95	24,1
.230	5,8	.546	13,9	3249	3250	*FLEX LTF 16	.886	22,5	4.36	110,7	.45	11,4	.23	5,8	1.05	26,7
.250	6,4	.485	12,3	3478	3479	*FLEX RLTF 21	1.115	28,3	5.03	127,8	.52	13,2	.23	5,8	1.30	33,0
.450	11,4	.709	18,0	3245	3248	*FLEX LTF 21										

Standard colors black and gray.
*UL Listed



Quick Specs

Material	6/6 Nylon w/TPE Sealing Gland
Certifications	<ul style="list-style-type: none"> UL Listed under Underwriters' Laboratories File E51579 Recognized under the Component Program of Underwriters' Laboratories File E51579 Certified by Canadian Standards Association File LR93876C
Flammability Rating	94V-2
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68



Heyco® Liquid Tight Cordgrips Pigtail™, Metric Hubs

For Flexible Cords. For use in clearance or threaded holes.

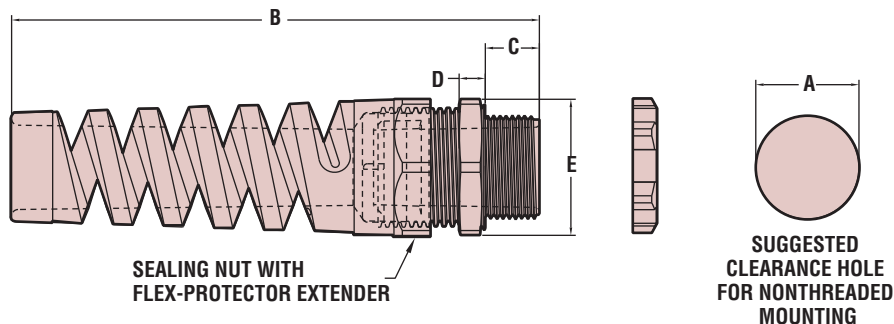


CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A		B		C		D		E	
in.	mm.	in.	mm.				Clearance Hole	Max. O.A. Length	Thread Length	Wrenching Nut Thk.	Wrenching Flats	in.	mm.	in.	mm.	in.
.065	1,7	.220	5,6	M4396	M4397	* FLEX RLTCG M12	.473	12,0	2.44	62,0	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	M4398	M4399	* FLEX LTCG M12										
.065	1,7	.187	4,7	M4400	M4401	* FLEX RLTCG M16	.630	16,0	2.77	70,4	.32	8,1	.21	5,3	.83	21,1
.105	2,7	.312	7,9	M4402	M4403	* FLEX LTCG M16										
.095	2,4	.260	6,6	M4404	M4405	FLEX RLTCG M20	.787	20,0	3.89	98,8	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	M4406	M4407	FLEX LTCG M20										
.250	6,4	.485	12,3	M4408	M4409	FLEX RLTCG M25	.985	25,0	5.04	128,0	.52	13,2	.25	6,4	1.30	33,0
.485	12,3	.709	18,0	M4410	M4411	FLEX LTCG M25										

Standard colors black and gray.

* Recognized under Underwriters' Laboratories.

- Multiple sizes for cable diameters ranging from .065" (1,7 mm) to .709" (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Ratchet design of sealing nut assembly provide superior anti-vibration protection and ensures a firm grip on this cable.
- Integral Sealing Ring ensures a superior seal at mounting locations every time.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Flexible Pigtail™ extender prevents sharp bends and extends cable life.
- Suitable for NEMA type 6 and 6P enclosures.
- Consult Heyco for multiple or flat cable sealing glands.
- **Locknuts INCLUDED.**
- Consult Heyco for cordgrips molded in other colors.



Material	6/6 Nylon w/Buna N Sealing Gland
Certifications	Listed under Underwriters' Laboratories File E51579 Recognized under the Component Program of Underwriters' Laboratories File E51579 Certified by Canadian Standards Association File LR93876C VDE Marks License 136681 Per EC Low Voltage Directive 73/23/EEC
Flammability Rating	94V-2
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68

Quick Specs



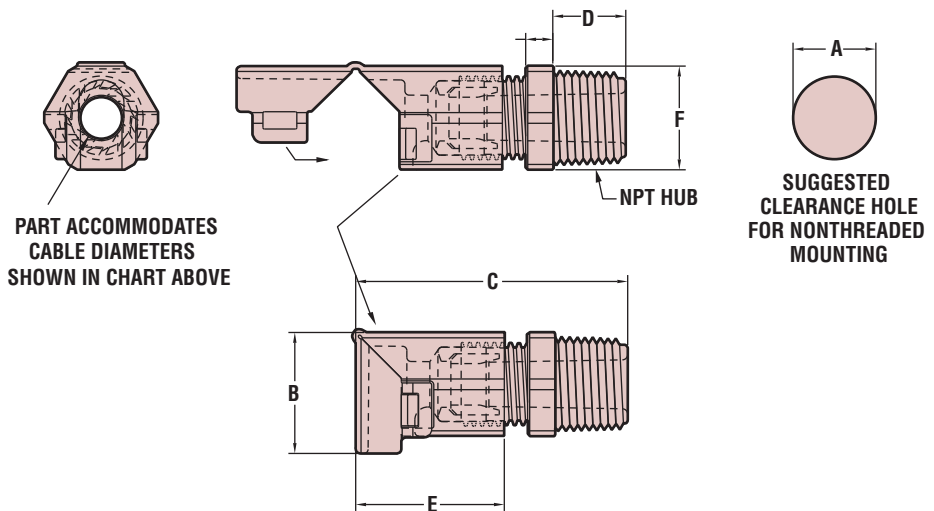
Heyco® Liquid Tight Cordgrips Right Angle, NPT Hubs

For Flexible Cords. For use in clearance or threaded holes.

- Multiple sizes for cable diameters ranging from .065" (1,7 mm) to .450" (11,4 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Each cordgrip is molded in the open position for ease of installation. After cable insertion, the fitting snaps closed, bending the cable without damage. This assembly method saves considerable time and money.
- Part design provides liquid tight integrity even in the open position.
- Acme threads on body prevent skipping and speed installation.
- Suitable for NEMA 6 and 6P enclosures.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 2-21.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS											
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Right Angle Height		C Max O.A. Length (Closed)		D Thread Length		E Sealing Nut Length		F Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.065	1,7	.220	5,6	M4560	M4561	RLTCG 1/4 90	.540	13,7	.69	17,5	1.66	42,2	.45	11,4	.86	21,9	.63	16,0
.115	2,9	.250	6,3	M4562	M4563	LTCG 1/4 90												
.069	1,8	.187	4,7	M8560	M8561	RLTCG 3/8 90	.670	17,0	.88	22,3	1.96	49,8	.53	13,5	1.07	27,1	.75	19,1
.181	4,6	.305	7,7	M8562	M8563	LTCG 3/8 90												
.095	2,4	.260	6,6	M4564	M4565	RLTCG 1/2 90	.875	22,2	1.06	26,9	2.40	61,0	.62	15,7	1.38	35,1	.95	24,1
.170	4,3	.450	11,4	M8564	M8565	LTCG 1/2 90												

Standard colors black and gray.



Quick Specs

Materials	6/6 Nylon w/Buna N Sealing Gland
Certifications	<ul style="list-style-type: none"> UL Listed under Underwriters' Laboratories' File E51579 SP Certified by Canadian Standard Association File LR93876C
Flammability Rating	94V-2
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68



Heyco® Liquid Tight Cordgrips Right Angle, PG Hubs

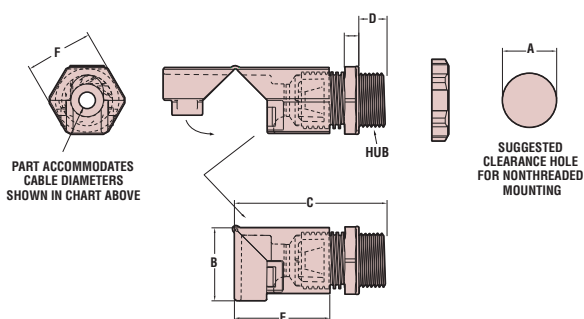
For Flexible Cords. For use in clearance or threaded holes.



CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS											
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Right Angle Height		C Max O.A. Length (Closed)		D Thread Length		E Sealing Nut Length		F Wrenching Flats	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.064	1,6	.210	5,3	M8530	M8531	RLTCG 7 90	.492	12,5	.69	17,5	1.53	38,8	.33	8,4	.86	21,8	.59	15,0
.114	2,9	.250	6,4	M8532	M8533	LTCG 7 90												
.069	1,8	.187	4,7	M8534	M8535	RLTCG 9 90	.599	15,2	.88	22,3	1.77	44,9	.34	8,6	1.07	27,1	.75	19,1
.181	4,6	.305	7,7	M8536	M8537	LTCG 9 90												
.078	2,0	.260	6,6	M8538	M8539	RLTCG 11 90	.733	18,6	.99	25,1	1.99	50,5	.39	9,9	1.23	31,2	.86	21,8
.230	5,8	.375	9,5	M8540	M8541	LTCG 11 90												
.095	2,4	.260	6,6	M4542	M4543	RLTCG 13.5 90	.804	20,4	1.06	26,9	2.22	56,4	1.38	35,1	1.38	35,1	.98	24,9
.170	4,3	.470	11,9	M8542	M8543	*LTCG 13.5 90												

Standard colors black and gray.

* UL Listed



- Each cordgrip is molded in the open position for ease of installation. After cable insertion, the cordgrip snaps closed, bending the cable without damage. This assembly method saves considerable time and money.
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Part design provides liquid tight integrity even in the open position.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Suitable for NEMA 6P enclosures.
- Recognized Under the Component Program of Underwriters' Laboratories File E51579.
- VDE Marks License #13668 for metric parts only.
- per CE Low Voltage Directive 73/23/EEC.
- See Quick Specs on page 2-7.
- **Locknuts INCLUDED.**
- Consult Heyco for cordgrips molded in other colors.

Heyco® Liquid Tight Cordgrips Right Angle, Metric Hubs

For Flexible Cords. For use in clearance or threaded holes.

CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS											
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Right Angle Height		C Max O.A. Length (closed)		D Threaded Length		E Sealing Nut Length		F Wrenching Flats	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.065	1,7	.220	5,6	M4448	M4449	* RLTCG M12 90	.473	12,0	.69	17,5	1.528	38,8	.32	8,1	.86	21,8	.63	16,0
.115	2,9	.250	6,4	M4450	M4451	* LTCG M12 90	.473	12,0	.69	17,5	1.528	38,8	.32	8,1	.86	21,8	.63	16,0
.065	1,7	.187	4,7	M4452	M4453	* RLTCG M16 90	.630	16,0	.88	22,4	1.770	45,0	.32	8,1	1.07	27,2	.83	21,0
.105	2,7	.312	7,9	M4454	M4455	* LTCG M16 90	.630	16,0	.88	22,4	1.770	45,0	.32	8,1	1.07	27,2	.83	21,0
.095	2,4	.260	6,6	M4456	M4457	RLTCG M20 90	.787	20,0	1.06	26,9	2.220	56,4	.41	10,4	1.38	35,1	.98	24,9
.170	4,3	.450	11,4	M4458	M4459	LTCG M20 90	.787	20,0	1.06	26,9	2.220	56,4	.41	10,4	1.38	35,1	.98	24,9

Standard colors black and gray.

* Recognized under Underwriters' Laboratories.

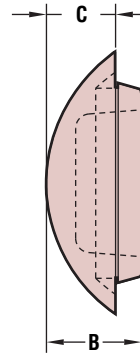
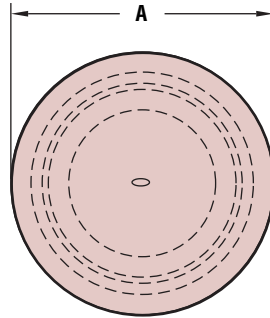


Heyco® Liquid Tight Hole Plugs

- V0 Flammability rating.
- Oil tight, rain tight, submersible.
- Multiple trade sizes fit 1/2" to 1" knock-out holes.
- Multiple nominal sizes fit .500" to 1.000" "true size" mounting holes.
- Locks firmly in boxes from .030" (0,8 mm) to .125" (3,2 mm) thick.
- Installs with fingertip pressure (no tool required).
- Trade sizes are listed under Underwriters' Laboratories File E28430 and CSA Certified by Canadian Standard Association File LR081067C
- True sizes are recognized under Underwriters' Laboratories File E51579 and CSA Certified by Canadian Standard Association File LR008919C

PANEL DIMENSIONS				PART NO.	DESCRIPTION or Trade Size	PART DIMENSIONS					
Mounting Hole Diameter		Maximum Thickness				A Head Diameter		B Overall Height		C Head Thickness	
in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
.500	12,7	.125	3,2	3830	KOS-LT .500	.920	23,4	.450	11,4	.290	7,4
.625	15,9	.125	3,2	3834	KOS-LT .625	1.030	26,2	.470	11,9	.310	7,9
.750	19,1	.125	3,2	3831	KOS-LT .750	1.150	29,2	.510	13,0	.350	8,9
.875	22,2	.125	3,2	3833	KOS-LT 1/2	1.281	32,5	.500	12,7	.359	9,1
1.000	25,4	.125	3,2	3832	KOS-LT 1.000	1.410	35,8	.560	14,2	.400	10,2
1.093	27,8	.125	3,2	3835	KOS-LT 3/4	1.531	38,9	.546	13,9	.390	9,9
1.375	34,9	.125	3,2	3837	KOS-LT 1	1.796	45,6	.562	14,3	.421	10,7

Standard color black.



Quick Specs

Material
Flammability Rating

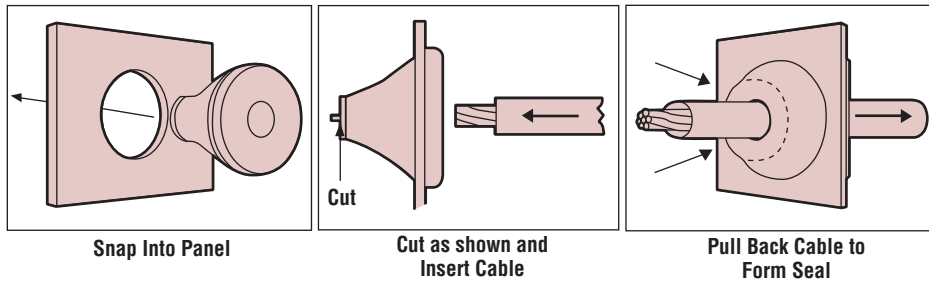
Neoprene-Hardness: 50 Shore A
94V-0



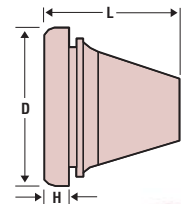
Heyco® Snap-in PG Liquid Tight Bushings

PANEL DIMENSIONS						CABLE DIA. RANGE				PART NO.	DESCRIPTION	PART DIMENSIONS						
Hole Diameter		Thickness Range				Min.		Max.				Gray	D Head Diameter	H Head Thickness	L Overall Length		Hole Size	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.				in.	mm.		in.
.52	13,2	.04	1,0	.16	4,0	.12	3,0	.20	5,0	4014	LTB 30-50/PG7	.79	20,0	.27	6,8	.50	12,8	PG7
.63	16,0	.04	1,0	.16	4,0	.20	5,0	.28	7,0	4015	LTB 50-70/PG9	.79	20,0	.23	5,8	.79	20,0	PG9
.75	19,0	.04	1,0	.16	4,0	.28	7,0	.39	10,0	4016	LTB 70-100/PG11	.94	24,0	.28	7,0	.81	20,6	PG11
.91	23,0	.04	1,0	.16	4,0	.31	8,0	.55	14,0	4017	LTB 80-140/PG16	1.10	28,0	.28	7,0	.89	22,5	PG16
1.14	29,0	.04	1,0	.16	4,0	.55	14,0	.79	20,0	4018	LTB 140-200/PG21	1.36	34,5	.28	7,0	1.02	26,0	PG21
1.50	38,0	.04	1,0	.16	4,0	.79	20,0	1.02	26,0	4019	LTB 200-260/PG29	1.81	46,0	.26	6,5	1.14	29,0	PG29
1.89	48,0	.04	1,0	.16	4,0	1.02	26,0	1.38	35,0	4020	LTB 260-350/PG36	2.26	57,5	.31	8,0	1.42	36,0	PG36

Standard color gray.



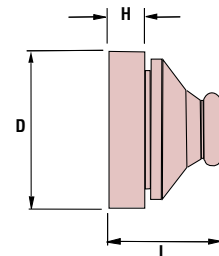
- Can be used in threaded or unthreaded holes.
- Ozone and weather resistant.
- Provides light strain relief to the cable.
- Simple to install—just snap into place, pierce thin membrane, insert & pull back cable.
- Can be used as a liquid tight plug. Offers protection to IP 67.
- Sizes available to fit cable diameters ranging from .12" (3,0 mm) up to 1.38" (35,0 mm).
- For outdoor and indoor applications.



Heyco® Snap-In Metric Liquid Tight Bushings

PANEL DIMENSIONS						CABLE DIA. RANGE				PART NO.	DESCRIPTION	PART DIMENSIONS						
Hole Diameter		Thickness Range				Min.		Max.				Gray	D Head Diameter	H Head Thickness	L Overall Length		Hole Size	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.				in.	mm.		in.
.48	12,2	.05	1,3	.20	5,0	.12	3,0	.20	5,0	4007	LTB 30-50/M12	.75	19,0	.26	6,5	.73	18,5	M12
.64	16,2	.05	1,3	.20	5,0	.20	5,0	.28	7,0	4008	LTB 50-70/M16	.91	23,0	.26	6,5	.73	18,5	M16
.80	20,0	.05	1,3	.20	5,0	.28	7,0	.39	10,0	4009	LTB 70-100/M20	1.06	27,0	.26	6,5	.77	19,5	M20
.99	25,2	.05	1,3	.20	5,0	.39	10,0	.55	14,0	4010	LTB 100-140/M25	1.26	32,0	.26	6,5	.77	19,5	M25
1.27	32,2	.05	1,3	.20	5,0	.55	14,0	.79	20,0	4011	LTB 140-200/M32	1.54	39,0	.26	6,5	.85	21,5	M32
1.58	40,2	.05	1,3	.20	5,0	.79	20,0	1.02	26,0	4012	LTB 200-260/M40	1.85	47,0	.26	6,5	.94	24,0	M40
1.98	50,2	.05	1,3	.20	5,0	1.02	26,0	1.38	35,0	4013	LTB 260-350/M50	2.28	58,0	.26	6,5	1.18	30,0	M50

Standard color gray.



Material	Ethylene Propylene Diene Monomer Rubber (EPDM)
Temperature Rating	-40°F (-40°C) to 200°F (93°C)
IP Rating	IP 67

Quick Specs



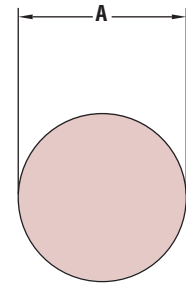
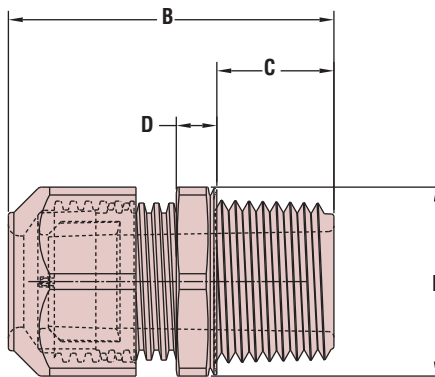
Heyco® -Tite Liquid Tight Cordgrips Straight-Thru, NPT Hubs

For Flexible Cords. For use in clearance or threaded holes.
The Ultimate in Liquid Tight Strain Relief Protection

- Multiple sizes for cable diameters ranging from .065" (1,7 mm) to 1.730" (44,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Integral Sealing Ring ensures a Superior seal at mounting location every time.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N Sealing Gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Suitable for NEMA 6P enclosures.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 2-21.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.065	1,7	.210	5,6	M4514	M4515	* RLTCG 1/4										
.115	2,9	.250	6,4	M4516	M4517	* LTCG 1/4	.540	13,7	1.29	32,8	.45	11,4	.21	5,3	.63	16,0
.065	1,7	.230	4,7	M3458	M3459	* RLTCG 3/8										
.105	2,7	.315	7,9	M3228	M3229	* LTCG 3/8	.680	17,3	1.41	35,8	.49	12,4	.21	5,3	.83	21,1
.095	2,4	.290	7,4	M4518	M4519	RLTCG 1/2										
.170	4,3	.450	11,4	M3231	M3232	LTCG 1/2	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
.180	4,6	.440	11,2	M4520	M4521	RLTCG LL 1/2										
.260	5,8	.546	13,5	M3200	M3201	LTCG LL 1/2	.875	22,2	1.85	47,0	.61	15,5	.25	6,4	1.06	26,9
.256	6,5	.490	12,4	M3460	M3461	RLTCG 3/4										
.435	11,0	.705	17,9	M3234	M3235	LTCG 3/4	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
.490	12,4	.785	20,0	M8439	M8440	RLTCG 1										
.590	15,0	1.000	25,4	M8437	M8438	LTCG 1	1.326	33,7	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
.787	20,0	1.020	25,9	M4522	M4523	RLTCG 1-1/4										
.875	22,2	1.260	32,0	M4524	M4525	LTCG 1-1/4	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
1.000	25,4	1.240	31,5	M3319	M3320	RLTCG 1-1/2										
1.230	31,2	1.560	39,6	M3317	M3318	LTCG 1-1/2	1.920	48,8	2.81	71,3	.76	19,3	.36	9,1	2.48	63,0
1.160	29,5	1.350	34,3	M3323	M3324	RLTCG 2										
1.450	36,8	1.560	39,6	M3321	M3322	LTCG 2	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9

Standard colors black and gray.
* Recognized under Underwriters' Laboratories.



SUGGESTED CLEARANCE HOLE FOR NON-THREADED MOUNTING

Quick Specs

Material	6/6 Nylon w/Buna N Sealing Gland
Certifications	Listed under Underwriters' Laboratories File E51579 Certified By Canadian Standard Association File LR93876C
Flammability Rating	94V-2-Consult factory for V0 material
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68



Heyco® -Tite Liquid Tight Cordgrips Straight-Thru, PG Hubs

For Flexible Cords. For use in clearance or threaded holes.

The Ultimate in Liquid Tight Strain Relief Protection

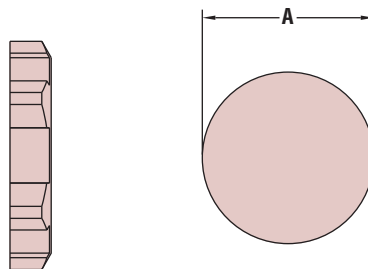
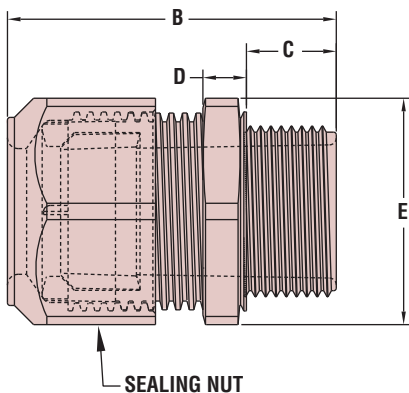


CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.065	1,7	.220	5,6	M3444	M3445	*RLTCG 7	.492	12,5	1.16	29,5	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	M3207	M3208	*LTCG 7										
.065	1,7	.187	4,7	M3446	M3447	*RLTCG 9	.599	15,2	1.25	31,8	.32	8,1	.21	5,3	.83	21,0
.105	2,7	.312	7,9	M3210	M3211	*LTCG 9										
.069	1,8	.250	6,6	M3448	M3449	*RLTCG 11	.733	18,6	1.48	37,6	.38	9,7	.21	5,3	.94	23,9
.230	5,8	.395	10,0	M3213	M3214	*LTCG 11										
.095	2,4	.260	6,6	M4500	M4501	RLTCG 13.5	.804	20,4	1.50	38,1	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	M3216	M3217	LTCG 13.5										
.180	4,6	.440	11,2	M4502	M4503	RLTCG 16	.886	22,5	1.68	42,7	.44	11,2	.25	6,4	1.06	26,9
.260	5,8	.546	13,9	M3219	M3220	LTCG 16										
.250	6,4	.485	12,3	M3454	M3455	RLTCG 21	1.115	28,3	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0
.485	12,3	.709	18,0	M3222	M3223	LTCG 21										
.490	12,4	.787	20,0	M4504	M4505	RLTCG 29	1.470	37,7	2.23	56,6	.58	14,7	.30	7,6	1.73	43,9
.590	15,0	1.000	25,4	M3225	M3226	LTCG 29										
.787	20,0	1.020	25,9	M3206	M3205	RLTCG 36	1.875	47,6	2.72	69,1	.47	11,9	.31	7,6	2.05	52,1
.865	22,0	1.260	32,0	M3204	M3203	LTCG 36										
1.00	25,4	1.240	31,5	M3218	M3215	*RLTCG 42	2.13	54,1	2.50	63,5	.45	11,4	.36	9,1	2.48	63,0
1.23	31,2	1.560	39,6	M3212	M3209	*LTCG 42										
1.16	29,5	1.560	34,3	M3283	M3284	*RLTCG 48	2.34	59,4	2.63	66,7	.49	12,4	.42	10,7	2.75	69,9
1.45	36,8	1.560	44,0	M3281	M3282	*LTCG 48										

Standard colors black and gray.

* Recognized under Underwriters' Laboratories.

- Multiple sizes for cable diameters ranging from .065" (1,7 mm) to 1.730" (44,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Ratchet design of sealing nut assembly provide superior anti-vibration protection and ensures a firm grip on this cable.
- Integral Sealing Ring ensures a superior seal at mounting locations every time.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Suitable for NEMA 6 and 6P enclosures.
- **Locknuts INCLUDED.**
- Consult Heyco for cordgrips molded in other colors.



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Materials
Certifications

6/6 Nylon w/Buna N Sealing Gland
 Listed Underwriters' Laboratories File E51579
 Certified by Canadian Standard Association File LR93876C
 94V-2
 -22°F (-30°C) to 212°F (100°C)
 IP 68

Flammability Rating
Temperature Rating
IP Rating

*Quick
Specs*



Heyco® -Tite Liquid Tight Cordgrips Pigtail™, NPT Hubs

For Flexible Cords. For use in clearance or threaded holes.

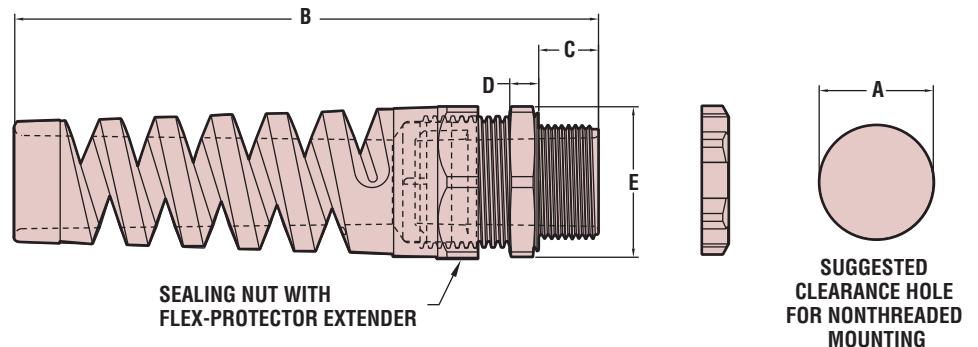
The Ultimate in Liquid Tight Strain Relief Protection

- Multiple sizes for cable diameters ranging from .065” (1,7 mm) to .709” (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Integral Sealing Ring ensures a superior seal at mounting location every time.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Suitable for NEMA 6 and 6P enclosures.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 2-21.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.065	1,7	.220	5,6	M4536	M4537	RLTCG 1/4 Flex	.540	13,7	2.57	65,3	.45	11,4	.21	5,3	.63	16,0
.115	2,9	.250	6,4	M4538	M4539	LTCG 1/4 Flex										
.065	1,7	.187	4,7	M3474	M3475	RLTCG 3/8 Flex	.680	17,3	2.94	74,7	.49	12,4	.21	5,3	.83	21,1
.105	2,7	.312	7,9	M3254	M3255	LTCG 3/8 Flex										
.095	2,4	.260	6,6	M4540	M4541	*RLTCG 1/2 Flex	.875	22,2	4.09	103,8	.61	15,5	.21	5,3	.98	24,9
.170	4,3	.450	11,4	M3251	M3252	*LTCG 1/2 Flex										
.250	6,4	.485	12,3	M3462	M3463	*RLTCG 3/4 Flex	1.040	26,4	5.15	130,8	.62	15,7	.25	6,4	1.30	33,0
.485	12,3	.709	18,0	M3239	M3242	*LTCG 3/4 Flex										

Standard colors black and gray.

*UL Listed.



Quick Specs

Materials	6/6 Nylon w/Buna N Sealing Gland
Certifications	Listed Underwriters' Laboratories File E51579 Certified by Canadian Standard Association File LR93876C
Flammability Rating	94V-2
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68



Heyco® -Tite Liquid Tight Cordgrips Pigtail™, PG Hubs

For Flexible Cords. For use in clearance or threaded holes.

The Ultimate in Liquid Tight Strain Relief Protection

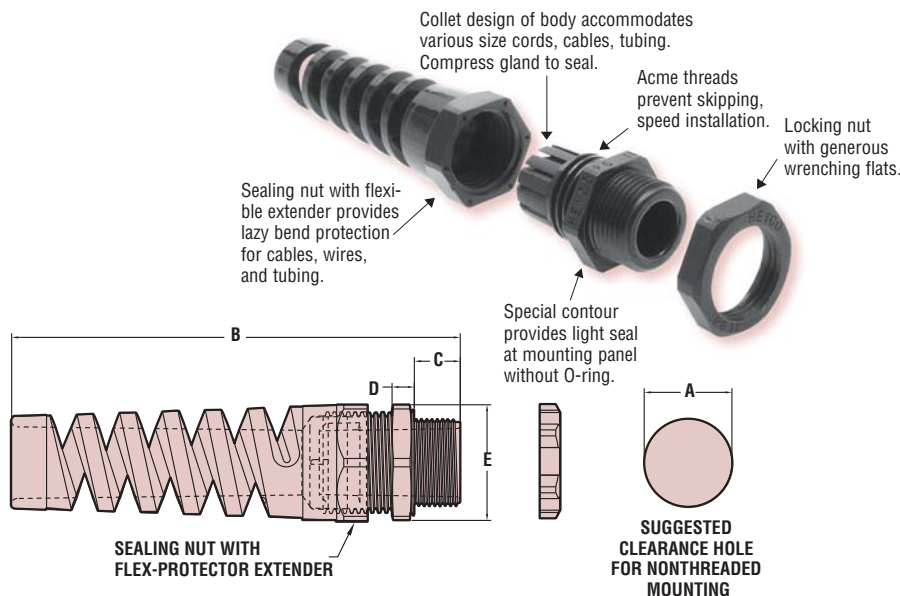


CABLE DIA. RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS									
Min. Dia.		Max. Dia.		Black	Gray		A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.065	1,7	.220	5,6	M3464	M3465	RLTCG 7 FLEX	.492	12,5	2,44	62,0	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	M3237	M3238	LTCG 7 FLEX										
.065	1,7	.187	4,7	M3466	M3467	RLTCG 9 FLEX	.599	15,2	2,77	70,4	.32	8,1	.21	5,3	.83	21,0
.105	2,7	.312	7,9	M3240	M3241	LTCG 9 FLEX										
.069	1,8	.250	6,6	M3468	M3469	RLTCG 11 FLEX	.733	18,6	3,46	87,9	.38	9,7	.21	5,3	.94	23,9
.230	5,8	.395	10,0	M3243	M3244	LTCG 11 FLEX										
.095	2,4	.260	6,6	M4526	M4527	*RLTCG 13 FLEX	.804	20,4	3,89	98,8	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	M3246	M3247	*LTCG 13 FLEX										
.180	4,6	.440	11,2	M4528	M4529	*RLTCG 16 FLEX	.886	22,5	4,37	111,0	.44	11,2	.25	6,4	1.06	26,9
.230	5,8	.546	13,9	M3249	M3250	*LTCG 16 FLEX										
.250	6,4	.485	12,3	M3478	M3479	*RLTCG 21 FLEX	1.115	28,3	5,04	128,0	.52	13,2	.25	6,4	1.30	33,0
.485	12,3	.709	18,0	M3245	M3248	*LTCG 21 FLEX										

Standard colors black and gray.

*UL Listed. All others Recognized under Components Program of Underwriters' Laboratories.

- Multiple sizes for cable diameters ranging from .065" (1,7 mm) to .709" (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on this cable.
- Integral Sealing Ring ensures a superior seal at mounting locations every time.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- Flexible Pigtail™ extender prevents sharp bends and extends cable life.
- Suitable for NEMA 6 and 6P enclosures.
- **Locknuts INCLUDED.**
- Consult Heyco for cordgrips molded in other colors.



Materials	6/6 Nylon w/Buna N Sealing Gland
Certifications	Listed under Underwriters' Laboratories File E51579 Recognized under Components Program of Underwriters' Laboratories File E51579 Certified by Canadian Standard Association File LR93876C
Flammability Rating	94V-2
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68

Quick Specs



Heyco® Liquid Tight Cordgrips Multi-Hole, NPT Hubs

- All accompanying Cordgrips are made of nylon construction with TPE sealing glands that resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 2-21.
- For body part dimensions see page 2-11.
- Multi-hole glands are only to be used with Heyco Liquid Tight Cordgrips and are not sold separately.
- Consult Heyco for cordgrips molded in other colors.

PART NO. Black	DESCRIPTIONS	GLAND CONFIGURATIONS
M3228GH	LTCG 3/8	2- 1,7 mm holes
M3228GP	LTCG 3/8	2- 3,0 mm holes
M3228GJ	LTCG 3/8	3- 1,7 mm holes
M3228GAP	LTCG 3/8	4- 1,4 mm holes
M3228GK	LTCG 3/8	4- 1,7 mm holes
M3228GM	LTCG 3/8	4- 2,3 mm holes
M3228GG	LTCG 3/8	5- 1,6 mm holes
M3228GAZ	LTCG 3/8	6- 1,4 mm holes
M3228GE	LTCG 3/8	10-1,4 mm holes
M3231GN	LTCG 1/2	2- 2,5 mm holes
M3231GT	LTCG 1/2	2- 3,8 mm holes
M3231GAB	LTCG 1/2	2- 4,2 mm holes
M3231GAC	LTCG 1/2	2- 5,0 mm holes
M3231GAE	LTCG 1/2	2- 5,2 mm holes
M3231GL	LTCG 1/2	3- 2,0 mm holes
M3231GQ	LTCG 1/2	3- 3,0 mm holes
M3231GX	LTCG 1/2	3- 4,0 mm holes
M3231GS	LTCG 1/2	6- 3,0 mm holes
M3231GZA	LTCG 1/2	9,9 x 4,9 mm flat
M3231GZB	LTCG 1/2	10,7 x 5,3 mm flat
M3200GAJ	LTCG LL1/2	2- 6,0 mm holes
M3200GQ	LTCG LL1/2	3- 3,0 mm holes
M3200GX	LTCG LL1/2	3- 4,0 mm holes
M3200GAH	LTCG LL1/2	3- 5,6 mm holes
M3200GR	LTCG LL1/2	4- 3,0 mm holes
M3200GY	LTCG LL1/2	4- 4,0 mm holes
M3200GZ	LTCG LL1/2	5- 4,0 mm holes
M3200GS	LTCG LL1/2	6- 3,0 mm holes
M3200GW	LTCG LL1/2	6- 3,8 mm holes
M3200GBB	LTCG LL1/2	6- 4,0 mm holes

PART NO. Black	DESCRIPTIONS	GLAND CONFIGURATIONS
M3234GAN	LTCG 3/4	2- 7,4 mm holes
M3234GAQ	LTCG 3/4	2- 8,0 mm holes
M3234GAF	LTCG 3/4	3- 5,2 mm holes
M3234GAM	LTCG 3/4	3- 7,0 mm holes
M3234GAD	LTCG 3/4	4- 5,0 mm holes
M3234GAG	LTCG 3/4	4- 5,2 mm holes
M3234GBC	LTCG 3/4	4- 6,0 mm holes
M3234GZA	LTCG 3/4	9,9 x 4,9 mm flat
M3234GZB	LTCG 3/4	10,7 x 5,3 mm flat
M3234GZE	LTCG 3/4	12,5 x 6,2 mm flat
M3234GZF	LTCG 3/4	13,4 x 6,6 mm flat
M3234GZG	LTCG 3/4	16,1 x 4,8 mm flat
M8437GAS	LTCG 1	4- 9,0 mm holes
M8437GAX	LTCG 1	4- 9,5 mm holes
M8437GAL	LTCG 1	6- 6,5 mm holes
M8437GZH	LTCG 1	17,5 x 4,8 mm flat
M4524GAT	LTCG 1-1/4	5- 9,0 mm holes
M4524GAL	LTCG 1-1/4	6- 6,5 mm holes
M4524GAR	LTCG 1-1/4	6- 8,0 mm holes
M4524GAW	LTCG 1-1/4	7- 9,0 mm holes

Standard color black.

Quick Specs

Material	6/6 Nylon with TPE sealing gland
Flammability Rating	94V-2 Standard
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68



Heyco® Liquid Tight Cordgrips Multi-Hole, PG Hubs



PART NO. Black	DESCRIPTIONS	GLAND CONFIGURATIONS	PART NO. Black	DESCRIPTIONS	GLAND CONFIGURATIONS
M3207GBA	LTCG 7	2- 1,5 mm holes	M3219GAJ	LTCG 16	2- 6,0 mm holes
M3210GH	LTCG 9	2- 1,7 mm holes	M3219GQ	LTCG 16	3- 3,0 mm holes
M3210GP	LTCG 9	2- 3,0 mm holes	M3219GX	LTCG 16	3- 4,0 mm holes
M3210GJ	LTCG 9	3- 1,7 mm holes	M3219GAH	LTCG 16	3- 5,6 mm holes
M3210GAP	LTCG 9	4- 1,4 mm holes	M3219GR	LTCG 16	4- 3,0 mm holes
M3210GK	LTCG 9	4- 1,7 mm holes	M3219GY	LTCG 16	4- 4,0 mm holes
M3210GM	LTCG 9	4- 2,3 mm holes	M3219GZ	LTCG 16	5- 4,0 mm holes
M3210GG	LTCG 9	5- 1,6 mm holes	M3219GS	LTCG 16	6- 3,0 mm holes
M3210GAZ	LTCG 9	6- 1,4 mm holes	M3219GW	LTCG 16	6- 3,8 mm holes
M3210GE	LTCG 9	10- 1,4 mm holes	M3219GBB	LTCG 16	6- 4,0 mm holes
M3213GP	LTCG 11	2- 3,0 mm holes	M3222GAN	LTCG 21	2- 7,4 mm holes
M3213GAK	LTCG 11	2- 4,0 mm holes	M3222GAQ	LTCG 21	2- 8,0 mm holes
M3213GF	LTCG 11	3- 1,5 mm holes	M3222GAF	LTCG 21	3- 5,2 mm holes
M3213GQ	LTCG 11	3- 3,0 mm holes	M3222GAM	LTCG 21	3- 7,0 mm holes
M3213GAY	LTCG 11	4- 2,8 mm holes	M3222GAD	LTCG 21	4- 5,0 mm holes
M3216GN	LTCG 13	2- 2,5 mm holes	M3222GAG	LTCG 21	4- 5,2 mm holes
M3216GT	LTCG 13	2- 3,8 mm holes	M3222GBC	LTCG 21	4- 6,0 mm holes
M3216GAB	LTCG 13	2- 4,2 mm holes	M3225GAS	LTCG 29	4- 9,0 mm holes
M3216GAC	LTCG 13	2- 5,0 mm holes	M3225GAX	LTCG 29	4- 9,5 mm holes
M3216GAE	LTCG 13	2- 5,2 mm holes	M3225GAL	LTCG 29	6- 6,5 mm holes
M3216GL	LTCG 13	3- 2,0 mm holes	M3204GAT	LTCG 36	5- 9,0 mm holes
M3216GQ	LTCG 13	3- 3,0 mm holes	M3204GAL	LTCG 36	6- 6,5 mm holes
M3216GX	LTCG 13	3- 4,0 mm holes	M3204GAR	LTCG 36	6- 8,0 mm holes
M3216GS	LTCG 13	6- 3,0 mm holes	M3204GAW	LTCG 36	7- 9,0 mm holes

Standard color black.

- All accompanying Cordgrips are made of nylon construction with TPE sealing glands that resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- **Locknuts INCLUDED.**
- For body part dimensions see page 2-12.
- Multi-hole glands are only to be used with Heyco Liquid Tight Cordgrips and are not sold separately.
- Consult Heyco for cordgrips molded in other colors.



Material	6/6 Nylon with TPE sealing gland
Flammability Rating	94V-2 Standard
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68

Quick Specs



Heyco® Liquid Tight Cordgrips Multi-Hole, Metric Hubs

- All accompanying Cordgrips are made of nylon construction with TPE sealing glands that resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL.
- **Locknuts INCLUDED.**
- For body part dimensions see page 2-3.
- Multi-hole glands are only to be used with Heyco Liquid Tight Cordgrips and are not sold separately.
- Consult Heyco for cordgrips molded in other colors.

PART NO. Black	DESCRIPTIONS	GLAND CONFIGURATIONS
M4336GH	LTCG M16	2- 1,7 mm holes
M4336GP	LTCG M16	2- 3,0 mm holes
M4336GJ	LTCG M16	3- 1,7 mm holes
M4336GAP	LTCG M16	4- 1,4 mm holes
M4336GK	LTCG M16	4- 1,7 mm holes
M4336GM	LTCG M16	4- 2,3 mm holes
M4336GG	LTCG M16	5- 1,6 mm holes
M4336GAZ	LTCG M16	6- 1,4 mm holes
M4336GE	LTCG M16	10-1,4 mm holes
M4340GN	LTCG M20	2- 2,5 mm holes
M4340GT	LTCG M20	2- 3,8 mm holes
M4340GAB	LTCG M20	2- 4,2 mm holes
M4340GAC	LTCG M20	2- 5,0 mm holes
M4340GAE	LTCG M20	2- 5,2 mm holes
M4340GL	LTCG M20	3- 2,0 mm holes
M4340GQ	LTCG M20	3- 3,0 mm holes
M4340GX	LTCG M20	3- 4,0 mm holes
M4340GS	LTCG M20	6- 3,0 mm holes

PART NO. Black	DESCRIPTIONS	GLAND CONFIGURATIONS
M4344GAN	LTCG M25	2- 7,4 mm holes
M4344GAQ	LTCG M25	2- 8,0 mm holes
M4344GAF	LTCG M25	3- 5,2 mm holes
M4344GAM	LTCG M25	3- 7,0 mm holes
M4344GAD	LTCG M25	4- 5,0 mm holes
M4344GAG	LTCG M25	4- 5,2 mm holes
M4344GBC	LTCG M25	4- 6,0 mm holes
M4348GAS	LTCG M32	4- 9,0 mm holes
M4348GAX	LTCG M32	4- 9,5 mm holes
M4348GAL	LTCG M32	6- 6,5 mm holes
M4352GAT	LTCG M40	5- 9,0 mm holes
M4352GAL	LTCG M40	6- 6,5 mm holes
M4352GAR	LTCG M40	6- 8,0 mm holes
M4352GAW	LTCG M40	7- 9,0 mm holes

Standard color black.

*Quick
Specs*

Material	6/6 Nylon with TPE sealing gland
Flammability Rating	94V-2 Standard
Temperature Rating	-22°F (-30°C) to 212°F (100°C)
IP Rating	IP 68



Heyco® PG Threaded Plugs

PART NO.	THREAD TYPE/SIZE	A		B	
		Head Diameter		Overall Height	
Gray		in.	mm.	in.	mm.
3405	PG 7	.551	14,0	.315	8,0
3407	PG 9	.787	20,0	.354	9,0
3402	PG 11	.866	22,0	.354	9,0
3412	PG 13	.984	25,0	.374	9,5
3414	PG 16	1.063	27,0	.374	9,5
3416	PG 21	1.299	33,0	.472	12,0
3418	PG 29	1.732	44,0	.472	12,0
3415	PG 36	2.165	55,0	.551	14,0
3417	PG 48	2.717	69,0	.709	18,0

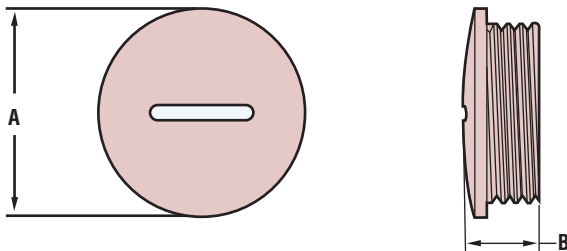
Standard color light gray.

- Molded of shock resistant polystyrol.
- Working temperature range: -4°F (-20°C) to 176°F (80°C).
- Protection Class IP 50.
- Consult Heyco for other colors.

Heyco® Metric Threaded Plugs

PART NO.	THREAD TYPE/SIZE	A		B	
		Head Diameter		Overall Height	
Gray		in.	mm.	in.	mm.
3403	M12 x 1,5	.591	15,0	.394	10,0
3404	M16 x 1,5	.787	20,0	.472	12,0
3406	M20 x 1,5	.945	24,0	.472	12,0
3408	M25 x 1,5	1.181	30,0	.591	15,0
3409	M32 x 1,5	1.457	37,0	.630	16,0
3410	M40 x 1,5	1.811	46,0	.709	18,0
3411	M50 x 1,5	2.165	55,0	.787	20,0
3413	M63 x 1,5	2.717	69,0	.787	20,0

Standard color light gray.





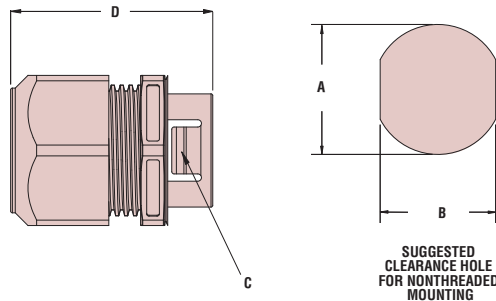
Heyco® Snap-In Cordgrips



- Available in multiple sizes for cable diameters ranging from .065" (1,7 mm) to 1.560" (39,6 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Smooth, rounded interior edges for ease of installation.
- Ratchet design of sealing nut assembly provides superior anti-vibration and ensures a firm grip on the cable.
- Easy to install—no tools required.
- Unique fingers securely lock into a range of panel sizes without use of locknut.
- Rotation prevented when used in "Double D" mounting holes.
- Limited intrusion into enclosure where access is tight.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.	DESCRIPTION	PART DIMENSIONS							
Min. Dia.		Max. Dia.				Black	A Mounting Hole		B To Prevent Rotation		C Panel Thickness		D Max. O.A. Length
in.	mm.	in.	mm.		in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.115	2,9	.250	6,4	M4800	SCG 500	.500	12,7	.450	11,4	.062-.125	1,6-3,2	1.210	30,7
.065	1,7	.220	5,6	M4802	RSCG 500								
.105	2,7	.312	7,9	M4806	SCG 625	.625	15,9	.550	14,0	.062-.125	1,6-3,2	1.300	33,0
	.065	.187	4,8	M4808	RSCG 625								
.230	5,8	.395	10,0	M4812	SCG 750	.750	19,1	.660	16,8	.062-.125	1,6-3,2	1.480	37,6
.069	1,8	.250	6,4	M4814	RSCG 750								
.170	4,3	.450	11,4	M4818	SCG 875	.875	22,2	.770	19,6	.062-.125	1,6-3,2	1.460	37,1
.095	2,4	.260	6,6	M4820	RSCG 875								
.260	6,6	.546	13,9	M4824	SCG 1000	1.000	25,4	.875	22,2	.062-.125	1,6-3,2	1.620	41,1
.180	4,6	.440	11,2	M4826	RSCG 1000								
.485	12,3	.709	18,0	M4830	SCG 1093	1.093	27,8	.970	24,6	.062-.125	1,6-3,2	1.750	44,5
.250	6,4	.485	12,3	M4832	RSCG 1093								
.485	12,3	.709	18,0	M4836	SCG 1125	1.125	28,6	1.000	25,4	.062-.125	1,6-3,2	1.750	44,5
.250	6,4	.485	12,3	M4838	RSCG 1125								
.590	15,0	.920	23,4	M4842	SCG 1250	1.250	31,8	1.125	28,6	.062-.125	1,6-3,2	2.050	52,1
.490	12,4	.787	20,0	M4844	RSCG 1250								
.590	15,0	1.000	25,4	M4848	SCG 1375	1.375	34,9	1.250	31,8	.062-.125	1,6-3,2	2.050	52,1
.490	12,4	.787	20,0	M4850	RSCG 1375								
.865	22,0	1.180	30,0	M4854	SCG 1500	1.500	38,1	1.375	34,9	.062-.125	1,6-3,2	2.228	57,9
.787	20,0	1.020	25,9	M4856	RSCG 1500								
.865	22,0	1.260	32,0	M4860	SCG 1750	1.750	44,5	1.625	41,3	.062-.125	1,6-3,2	2.280	57,9
.787	20,0	1.020	25,9	M4862	RSCG 1750								
1.230	31,2	1.560	39,6	M4866	SCG 2000	2.000	50,8	1.875	47,6	.062-.125	1,6-3,2	2.410	61,2
1.000	25,4	1.240	31,5	M4868	RSCG 2000								
1.450	36,8	1.560	39,6	M4872	SCG 2375	2.375	60,3	2.250	57,2	.062-.125	1,6-3,2	2.500	63,5
1.160	29,5	1.350	34,3	M4874	RSCG 2375								

Standard color black.



Quick Specs

Materials
 Certifications
 Flammability Rating
 Temperature Rating

6/6 Nylon w/Buna N Sealing Gland
 (UL) Listed under Underwriters' Laboratories File E51579
 94V-2
 -22°F (-30°C) to 212°F (100°C)

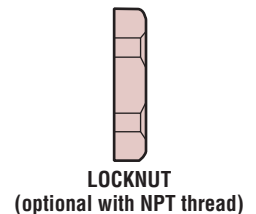
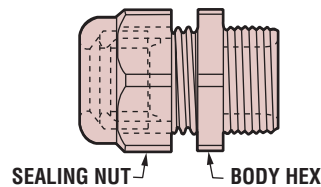


Heyco® Liquid Tight Cordgrips

INSTALLATION INSTRUCTIONS for THREADED mounting holes:



1. Be sure that hole is free of burrs and panel surface around hole is smooth and free of debris.
2. Using the hex portion on the body (not the sealing nut), screw the fitting tightly into the threaded mounting hole.
3. Insert the cable through the fitting to the desired position.
4. Hand-tighten the SEALING nut as far as possible. Hold the BODY hex stationary with a wrench. Using a second wrench, tighten the SEALING nut until the wire is securely held in place.
5. Using a wrench on the BODY hex, check to make sure the fitting is still screwed tightly into the panel.
6. To disassemble for cable replacement, use a wrench to hold the BODY hex stationary and loosen the SEALING nut with a second wrench. Grip the disconnected cable and pull while turning the cable in the counter-clockwise direction.



Heyco® Liquid Tight Cordgrips LabKit #78 (Part #3297)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco Kits contain an assortment of our most popular Liquid Tight Cordgrips
- Heyco also offers lab kits for Strain Relief Bushings (3-29), Bushings (4-23), Plugs (5-19), Cable and Hose Clamps (6-24), and Wire Connectors (7-23).





Heyco® Nylon Locknuts

NPT Thread

Straight NPS threads for use with NPT threaded fittings.

THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS			
	Black	Gray		A		B	
				Thickness		Wrenching Flats	
			in.	mm.	in.	mm.	
1/4 NPT	M9142	M9143	NLN 1/4 NPT	.265	6,7	.748	19,0
3/8 NPT	8461	8462	NLN 3/8 NPT	.265	6,7	1.058	26,9
1/2 NPT	8463	8464	NLN 1/2 NPT	.265	6,7	1.058	26,9
3/4 NPT	8465	8466	NLN 3/4 NPT	.265	6,7	1.312	33,3
1 NPT	8467	8468	NLN 1 NPT	.265	6,7	1.605	40,8
1-1/4 NPT	M9144	M9145	NLN 1-1/4 NPT	.281	7,1	1.968	50,0
NEW! 1-1/2 NPT	M9150	M9151	NLN 1-1/2 NPT	.320	8,1	2.750	69,9
2 NPT	M9156	M9157	NLN 2 NPT	.375	9,5	2.856	72,4

Standard colors black and gray.

PG Thread

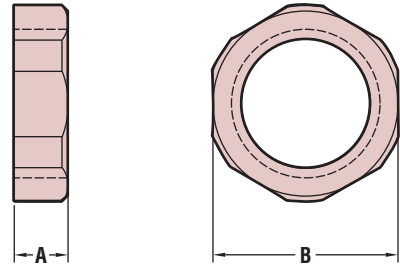
THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS			
	Black	Gray		A		B	
				Thickness		Wrenching Flats	
			in.	mm.	in.	mm.	
PG 7	3165	3166	NLN PG 7	.218	5,5	.750	19,1
PG 9	3167	3168	NLN PG 9	.218	5,5	.859	21,8
PG 11	3169	3170	NLN PG 11	.218	5,5	.937	23,8
PG 13.5	3171	3172	NLN PG 13.5	.250	6,4	1.062	27,0
PG 16	3173	3174	NLN PG 16	.250	6,4	1.171	29,7
PG 21	3175	3176	NLN PG 21	.281	7,1	1.406	35,7
PG 29	3177	3178	NLN PG 29	.281	7,1	1.812	46,0
PG 36	M9146	M9147	NLN PG 36	.281	7,1	2.244	56,9
NEW! PG 42	M9152	M9153	NLN PG 42	.320	8,1	2.750	69,9
PG 48	M9158	M9159	NLN PG 48	.375	9,5	2.850	72,4

Standard colors black and gray.

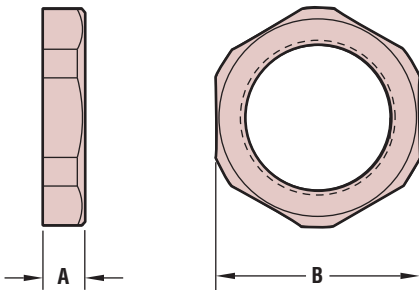
Metric Thread

THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS			
	Black	Gray		A		B	
				Thickness		Wrenching Flats	
			in.	mm.	in.	mm.	
M12	M9130	M9131	NLN M12	.218	5,5	.750	19,1
M16	M9132	M9133	NLN M16	.218	5,5	.870	22,1
M20	M9134	M9135	NLN M20	.245	6,2	1.062	27,0
M25	M9136	M9137	NLN M25	.278	7,1	1.378	35,0
M32	M9138	M9139	NLN M32	.281	7,1	1.614	41,0
M40	M9140	M9141	NLN M40	.281	7,1	1.968	50,0
NEW! M50	M9148	M9149	NLN M50	.320	8,1	2.750	69,9
M63	M9154	M9155	NLN M63	.375	9,5	2.850	72,4

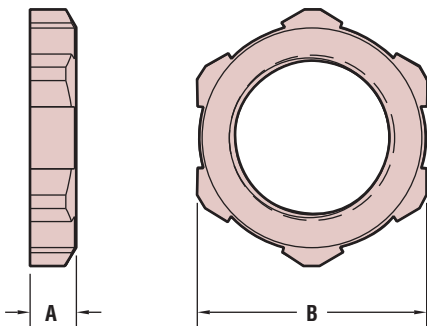
Standard colors black and gray.



NEW!



NEW!



NEW!

Quick Specs

Material	6/6 Nylon
Flammability Rating	94V-2—Consult Heyco for VO material
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

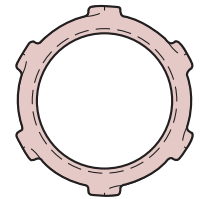


Heyco® Metal Locknuts

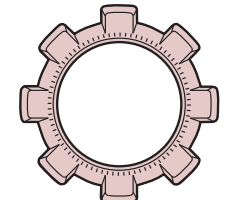
NPT Thread Locknuts

Straight NPS threads for use with NPT threaded fittings.

TYPE TRADE SIZE	STAMPED STEEL		ZINC DIE-CAST	
	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1/2	2250	LN 1/2	9800	LN 1/2 DC
3/4	2251	LN 3/4	9801	LN 3/4 DC
1	2252	LN 1	9802	LN 1 DC
1-1/4	9806	LN 1-1/4	9803	LN 1-1/4 DC
1-1/2	9807	LN 1-1/2	9804	LN 1-1/2 DC
2	9808	LN 2	9805	LN 2 DC



Stamped Steel Nut



Zinc Die-cast Nut

PG Thread Locknuts–Nickel Plated Brass

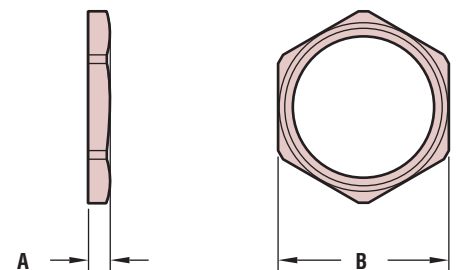
THREAD SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A THICKNESS		B WRENCHING FLATS	
			in.	mm.	in.	mm.
PG 7	2257	LN PG 7	.110	2,8	.591	15,0
PG 9	2258	LN PG 9	.110	2,8	.709	18,0
PG 11	2259	LN PG 11	.118	3,0	.827	21,0
PG 13.5	2260	LN PG 13	.118	3,0	.906	23,0
PG 16	2261	LN PG 16	.118	3,0	1.024	26,0
PG 21	2262	LN PG 21	.138	3,5	1.261	32,0
PG 29	2263	LN PG 29	.158	4,0	1.615	41,0
PG 36	2268	LN PG 36	.197	5,0	2.009	51,0
PG 42	2269	LN PG 42	.197	5,0	2.364	60,0



Metric Thread Locknuts–Nickel Plated Brass

THREAD SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A THICKNESS		B WRENCHING FLATS	
			in.	mm.	in.	mm.
M6	2243	LN M6	.110	2,8	.354	9,0
M8	2244	LN M8	.110	2,8	.433	11,0
M10	2245	LN M10	.110	2,8	.512	13,0
M12	2246	LN M12	.118	3,0	.591	15,0
M16	2247	LN M16	.118	3,0	.748	19,0
M20	2248	LN M20	.138	3,5	.945	24,0
M25	2249	LN M25	.138	3,5	1.181	30,0
M32	2253	LN M32	.177	4,5	1.417	36,0
M40	2254	LN M40	.177	4,5	1.811	46,0
M50	2255	LN M50	.217	5,5	2.165	55,0

- For use with Heyco-Flex™ Cordgrips and most electrical fittings.
- Nickel-plated brass finish over brass provides excellent corrosion resistance and durability.
- Metric sizes M6 through M50 accommodate a wide range of fittings.



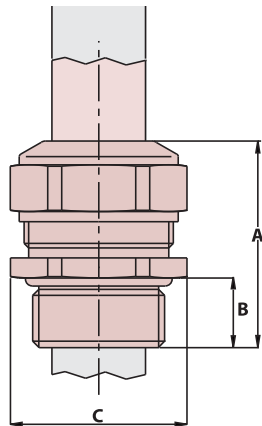


Heyco Metal Liquid Tight Cordgrips NPT Hubs

Nickel-Plated Brass Construction for Superior Protection of Flexible Cables



- Multiple sizes for cable diameters ranging from .118” (3,0 mm) to 2.047” (52,0 mm).
- We recommend using the smallest cordgrip that accommodates your cable size.
- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- Long NPT threads provide additional threads for easy locknut assembly.
- Sealing gland is molded in Thermoplastic Polymer Elastomer Material.
- **Locknuts not included.** For metal locknut specifications or to order locknuts separately, see page 2-22.



CABLE DIA. RANGE				PART NO.	Thread Size	Clearance Hole		PART DIMENSIONS					
Minimum		Maximum						A Max. O.A. Length		B Thread Length		C Wrenching Flat Size	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.
.118	3,0	.157	4,0	4560	NPT 1/8	.445	11,3	.905	23,0	.315	8,0	.512	13,0
.157	4,0	.236	6,0	4561	NPT 1/8	.445	11,3	.905	23,0	.315	8,0	.512	13,0
.138	3,5	.197	5,0	4562	NPT 1/4	.540	13,7	1.142	29,0	.472	12,0	.591	15,0
.197	5,0	.256	6,5	4563	NPT 1/4	.540	13,7	1.142	29,0	.472	12,0	.591	15,0
.256	6,5	.315	8,0	4564	NPT 1/4	.540	13,7	1.142	29,0	.472	12,0	.591	15,0
.138	3,5	.177	4,5	4565	NPT 3/8	.670	17,0	1.260	32,0	.472	12,0	.709	18,0
.177	4,5	.236	6,0	4566	NPT 3/8	.670	17,0	1.260	32,0	.472	12,0	.709	18,0
.236	6,0	.315	8,0	4567	NPT 3/8	.670	17,0	1.260	32,0	.472	12,0	.709	18,0
.315	8,0	.413	10,5	4568	NPT 3/8	.670	17,0	1.260	32,0	.472	12,0	.709	18,0
.236	6,0	.315	8,0	4569	NPT 1/2	.875	22,2	1.417	36,0	.590	15,0	.945	24,0
.315	8,0	.433	11,0	4570	NPT 1/2	.875	22,2	1.417	36,0	.590	15,0	.945	24,0
.433	11,0	.590	15,0	4571	NPT 1/2	.875	22,2	1.417	36,0	.590	15,0	.945	24,0
.374	9,5	.492	12,5	4572	NPT 3/4	1.068	27,1	1.575	40,0	.590	15,0	1.181	30,0
.492	12,5	.630	16,0	4573	NPT 3/4	1.068	27,1	1.575	40,0	.590	15,0	1.181	30,0
.630	16,0	.807	20,5	4574	NPT 3/4	1.068	27,1	1.575	40,0	.590	15,0	1.181	30,0
.551	14,0	.669	17,0	4575	NPT 1	1.375	34,9	1.890	48,0	.787	20,0	1.417	36,0
.669	17,0	.827	21,0	4576	NPT 1	1.375	34,9	1.890	48,0	.787	20,0	1.417	36,0
.827	21,0	1.004	25,5	4577	NPT 1	1.375	34,9	1.890	48,0	.787	20,0	1.417	36,0
.787	20,0	.945	24,0	4578	NPT 1-1/4	1.680	42,7	2.008	51,0	.787	20,0	1.811	46,0
.945	24,0	1.122	28,5	4579	NPT 1-1/4	1.680	42,7	2.008	51,0	.787	20,0	1.811	46,0
1.122	28,5	1.299	33,0	4580	NPT 1-1/4	1.680	42,7	2.008	51,0	.787	20,0	1.811	46,0
1.142	29,0	1.299	33,0	4581	NPT 1-1/2	1.920	48,8	2.205	56,0	.787	22,0	2.165	55,0
1.299	33,0	1.457	37,0	4582	NPT 1-1/2	1.920	48,8	2.205	56,0	.866	22,0	2.165	55,0
1.457	37,0	1.614	41,0	4583	NPT 1-1/2	1.920	48,8	2.205	56,0	.866	22,0	2.165	55,0
1.378	35,0	1.575	40,0	4584	NPT 2	2.395	60,8	2.323	59,0	.866	22,0	2.756	70,0
1.575	40,0	1.811	46,0	4585	NPT 2	2.395	60,8	2.323	59,0	.866	22,0	2.756	70,0
1.811	46,0	2.047	52,0	4586	NPT 2	2.395	60,8	2.323	59,0	.866	22,0	2.756	70,0

Quick Specs

Material Nickel-Plated Brass w/TPE sealing gland
Certifications Certified by UL for Compliance with both Canadian and U.S. requirements Under File E51579.
 Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements.
Temperature Rating -40°F (-40°C) to 248°F (120°C)
IP Rating IP 68



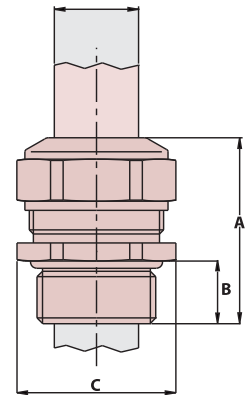
Heyco Metal Liquid Tight Cordgrips PG Hubs

Nickel-Plated Brass Construction for Superior Protection of Flexible Cables



CABLE DIA. RANGE				PART NO.	Thread Size	Clearance Hole		PART DIMENSIONS					
Minimum		Maximum						A Max. O.A. Length		B Thread Length		C Wrenching Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.
.138	3,5	.197	5,0	4530	PG 7	.50	12,7	1.063	27,0	.394	10,0	.590	15,0
.197	5,0	.256	6,5	4531	PG 7	.50	12,7	1.063	27,0	.394	10,0	.590	15,0
.256	6,5	.315	8,0	4532	PG 7	.50	12,7	1.063	27,0	.394	10,0	.590	15,0
.138	3,5	.177	4,5	4533	PG 9	.61	15,5	1.181	30,0	.394	10,0	.709	18,0
.177	4,5	.236	6,0	4534	PG 9	.61	15,5	1.181	30,0	.394	10,0	.709	18,0
.236	6,0	.315	8,0	4535	PG 9	.61	15,5	1.181	30,0	.394	10,0	.709	18,0
.315	8,0	.413	10,5	4536	PG 9	.61	15,5	1.181	30,0	.394	10,0	.709	18,0
.157	4,0	.216	5,5	4537	PG 11	.748	19,0	1.220	31,0	.394	10,0	.827	21,0
.216	5,5	.335	8,5	4538	PG 11	.748	19,0	1.220	31,0	.394	10,0	.827	21,0
.335	8,5	.472	12,0	4539	PG 11	.748	19,0	1.220	31,0	.394	10,0	.827	21,0
.236	6,0	.315	8,0	4540	PG 13.5	.827	21,0	1.220	31,0	.394	10,0	.945	24,0
.315	8,0	.433	11,0	4541	PG 13.5	.827	21,0	1.220	31,0	.394	10,0	.945	24,0
.433	11,0	.590	15,0	4542	PG 13.5	.827	21,0	1.220	31,0	.394	10,0	.945	24,0
.236	6,0	.315	8,0	4543	PG 16	.906	23,0	1.220	31,0	.394	10,0	.945	24,0
.315	8,0	.433	11,0	4544	PG 16	.906	23,0	1.220	31,0	.394	10,0	.945	24,0
.433	11,0	.590	15,0	4545	PG 16	.906	23,0	1.220	31,0	.394	10,0	.945	24,0
.374	9,5	.492	12,5	4546	PG 21	1.142	29,0	1.457	37,0	.472	12,0	1.181	30,0
.492	12,5	.630	16,0	4547	PG 21	1.142	29,0	1.457	37,0	.472	12,0	1.181	30,0
.630	16,0	.807	20,5	4548	PG 21	1.142	29,0	1.457	37,0	.472	12,0	1.181	30,0
.630	16,0	.748	19,0	4549	PG 29	1.476	37,5	1.575	40,0	.472	12,0	1.496	38,0
.748	19,0	.905	23,0	4550	PG 29	1.476	37,5	1.575	40,0	.472	12,0	1.496	38,0
.905	23,0	1.083	27,5	4551	PG 29	1.476	37,5	1.575	40,0	.472	12,0	1.496	38,0
.846	21,5	1.024	26,0	4552	PG 36	1.858	47,2	1.850	47,0	.591	15,0	1.969	50,0
1.024	26,0	1.201	30,5	4553	PG 36	1.858	47,2	1.850	47,0	.591	15,0	1.969	50,0
1.201	30,5	1.378	35,0	4554	PG 36	1.858	47,2	1.850	47,0	.591	15,0	1.969	50,0
1.142	29,0	1.299	33,0	4555	PG 42	2.138	54,3	1.929	49,0	.591	15,0	2.156	55,0
1.299	33,0	1.457	37,0	4556	PG 42	2.138	54,3	1.929	49,0	.591	15,0	2.156	55,0
1.457	37,0	1.654	42,0	4557	PG 42	2.138	54,3	1.929	49,0	.591	15,0	2.156	55,0

- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- We recommend using the smallest cordgrip that accommodates your cable size.
- Sizes PG 7 through PG 42 accommodate various cable diameters.
- Long PG threads provide additional threads for easy locknut assembly.
- Sealing gland is molded in Thermoplastic Polymer Elastomer Material.
- **Locknuts not included.** For metal locknut specifications or to order locknuts separately, see page 2-22.



Material Nickel-Plated Brass w/TPE sealing gland

Certifications Certified by UL for Compliance with both Canadian and U.S. requirements under File E51579.

Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements.

Temperature Rating -40°F (-40°C) to 248°F (120°C)

IP Rating IP 68

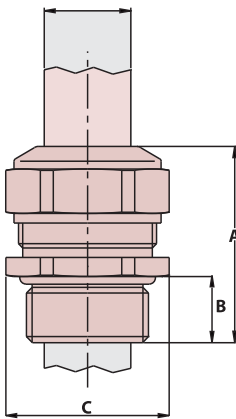
Quick Specs



Heyco Metal Liquid Tight Cordgrips Metric Hubs

Nickel-Plated Brass Construction for Superior Protection of Flexible Cables

- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- We recommend using the smallest cordgrip that accommodates your cable size.
- Meets the New European standard EN 50262 version A for metric cordgrips.
- Metric sizes M6 thru M50 accommodate various cable diameters.
- Long metric threads provide additional threads for easy locknut assembly.
- Sealing gland is molded in Thermoplastic Polymer Elastomer Material.
- **Locknuts not included.** For metal locknut specifications or to order locknuts separately, see page 2-22.



CABLE DIA. RANGE				PART NO.	Thread Size	Clearance Hole		PART DIMENSIONS					
Minimum		Maximum						A		B		C	
in.	mm.	in.	mm.					Max. O.A. Length	Thread Length	Wrenching Flat Size	in.	mm.	
.079	2,0	.157	2,5	4500	M6 x 1	.25	6,5	.787	20,0	.315	8,0	.315	8,0
.098	2,5	.118	3,0	4501	M6 x 1	.25	6,5	.787	20,0	.315	8,0	.315	8,0
.118	3,0	.138	3,5	4502	M6 x 1	.25	6,5	.787	20,0	.315	8,0	.315	8,0
.098	2,5	.138	3,5	4503	M8 x 1,25	.33	8,5	.945	24,0	.394	10,0	.433	11,0
.138	3,5	.197	5,0	4504	M8 x 1,25	.33	8,5	.945	24,0	.394	10,0	.433	11,0
.118	3,0	.157	4,0	4505	M10 x 1,5	.41	10,5	.984	25,0	.394	10,0	.512	13,0
.157	4,0	.236	6,0	4506	M10 x 1,5	.41	10,5	.984	25,0	.394	10,0	.512	13,0
.138	3,5	.197	5,0	4507	M12 x 1,5	.50	12,5	1.063	27,0	.394	10,0	.591	15,0
.197	5,0	.256	6,5	4508	M12 x 1,5	.50	12,5	1.063	27,0	.394	10,0	.591	15,0
.256	6,5	.315	8,0	4509	M12 x 1,5	.50	12,5	1.063	27,0	.394	10,0	.591	15,0
.138	3,5	.177	4,5	4510	M16 x 1,5	.64	16,5	1.181	30,0	.394	10,0	.709	18,0
.177	4,5	.236	6,0	4511	M16 x 1,5	.64	16,5	1.181	30,0	.394	10,0	.709	18,0
.236	6,0	.315	8,0	4512	M16 x 1,5	.64	16,5	1.181	30,0	.394	10,0	.709	18,0
.315	8,0	.413	10,5	4513	M16 x 1,5	.64	16,5	1.181	30,0	.394	10,0	.709	18,0
.236	6,0	.315	8,0	4514	M20 x 1,5	.80	20,5	1.220	31,0	.394	10,0	.945	24,0
.315	8,0	.433	11,0	4515	M20 x 1,5	.80	20,5	1.220	31,0	.394	10,0	.945	24,0
.433	11,0	.590	15,0	4516	M20 x 1,5	.80	20,5	1.220	31,0	.394	10,0	.945	24,0
.374	9,5	.492	12,5	4517	M25 x 1,5	1.00	25,4	1.417	36,0	.433	11,0	1.181	30,0
.492	12,5	.630	16,0	4518	M25 x 1,5	1.00	25,4	1.417	36,0	.433	11,0	1.181	30,0
.630	16,0	.807	20,5	4519	M25 x 1,5	1.00	25,4	1.417	36,0	.433	11,0	1.181	30,0
.551	14,0	.669	17,0	4520	M32 x 1,5	1.27	32,5	1.614	41,0	.512	13,0	1.417	36,0
.669	17,0	.827	21,0	4521	M32 x 1,5	1.27	32,5	1.614	41,0	.512	13,0	1.417	36,0
.827	21,0	1.004	25,5	4522	M32 x 1,5	1.27	32,5	1.614	41,0	.512	13,0	1.417	36,0
.787	20,0	.945	24,0	4523	M40 x 1,5	1.59	40,5	1.732	44,0	.512	13,0	1.811	46,0
.945	24,0	1.122	28,5	4524	M40 x 1,5	1.59	40,5	1.732	44,0	.512	13,0	1.811	46,0
1.122	28,5	1.299	33,0	4525	M40 x 1,5	1.59	40,5	1.732	44,0	.512	13,0	1.811	46,0
1.142	29,0	1.299	33,0	4526	M50 x 1,5	1.99	50,5	1.890	48,0	.551	14,0	2.165	55,0
1.299	33,0	1.457	37,0	4527	M50 x 1,5	1.99	50,5	1.890	48,0	.551	14,0	2.165	55,0
1.457	37,0	1.654	42,0	4528	M50 x 1,5	1.99	50,5	1.890	48,0	.551	14,0	2.165	55,0

Quick Specs

Material Nickel-Plated Brass W/TPE sealing gland
Certifications Certified by UL for Compliance with both Canadian and U.S. requirements under File E51579.
 Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements.
Temperature Rating -40°F (-40°C) to 248°F (120°C)
IP Rating IP 68



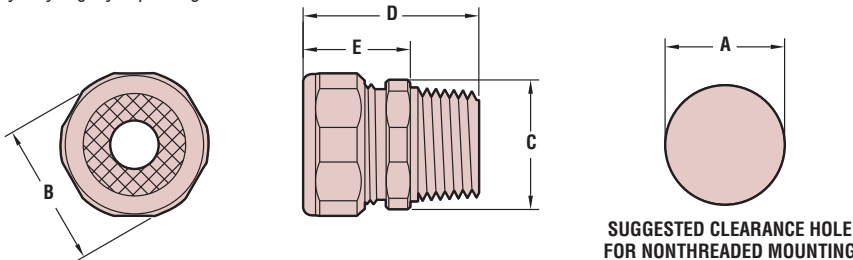
Heyco Metal Liquid Tight Cordgrips NPT Hubs

Steel, for Flexible Cords



CABLE DIA. RANGE				PART NO.	DESC.	Gland Color	NPT HUB SIZE	PART DIMENSIONS									
Min. Dia.		Max. Dia.						A Clearance Hole		B Sealing Nut HEX		C Body Nut O.D.		D Overall Length*		E Exposed Length*	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.		
.150	3,8	.250	6,3	9760	CG 50A-250	Red											
.250	6,3	.350	8,9	9761	CG 50A-350	White											
.350	8,9	.450	11,4	9762	CG 50A-450	Blue	1/2	.875	22,2	1.031	26,2	.937	23,8	1.312	33,3	.812	20,6
.450	11,4	.560	14,2	9763	CG 50A-560	Green											
.550	14,0	.650	16,5	9764	CG 50A-650	Brown											
.150	3,8	.250	6,3	9766	CG 75A-250	Red											
.250	6,3	.350	8,9	9767	CG 75A-350	White											
.350	8,9	.450	11,4	9769	CG 75A-450	Blue	3/4	1.109	28,2	1.031	26,2	1.187	31,2	1.312	33,3	.812	20,6
.450	11,4	.560	14,2	9770	CG 75A-560	Green											
.550	14,0	.650	16,5	9771	CG 75A-650	Brown											
.650	16,5	.750	19,0	9772	CG 75B-750	Yellow	3/4	1.109	28,2	1.250	31,7	1.187	31,2	1.562	39,7	1.031	26,2
.750	19,0	.850	21,6	9773	CG 75B-850	Purple											

*May vary slightly depending on cable diameter.

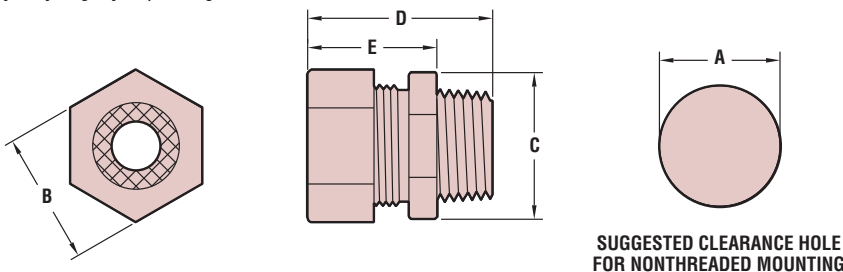


- Multiple sizes with 1/2" to 3/4" NPT hubs, cover a cable diameter range of .150" (3,8 mm) to .850" (21,6 mm).
- Compact design allows fittings to be consecutively ganged—no skipping knockouts—and occupy less "real estate."
- Color coded label system identifies the cordgrips by wire range/grommet opening.
- Neoprene rubber grommet ensures a permanent rain-tight seal around the cable.
- Galvanized steel pressure ring prevents distortion of the grommet when the sealing nut is tightened.
- Body and sealing nut are made of corrosion resistant machined steel. Zinc plated with special brighteners for an attractive finish.
- Temperature Rating: 221°F (105°C).

Zinc-Die Cast, for Flexible Cords

CABLE DIA. RANGE				PART NO.	DESCRIPTION	NPT HUB SIZE	PART DIMENSIONS									
Min. Dia.		Max. Dia.					A Clearance Hole		B Sealing Nut HEX		C Body Nut O.D.		D Overall Length*		E Exposed Length*	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.190	4,8	.250	6,3	9776	CG 11											
.260	6,6	.375	9,5	9777	CG 12	1/2	.875	22,2	1	25,4	.938	23,8	1.20	30,5	.80	20,3
.375	9,5	.450	11,4	9778	CG 13											
.440	11,2	.560	14,2	9779	CG 21											
.500	12,7	.650	16,5	9780	CG 22	3/4	1.109	28,2	1.218	30,9	1.187	30,2	1.27	32,3	.87	22,1
.625	15,9	.725	18,4	9781	CG 23											

*May vary slightly depending on cable diameter.



- We recommend using the smallest maximum diameter range cordgrip that will fit your application.
- Cast from zinc alloy, Zamac #3.
- Temperature Rating: 140°F (60°C).



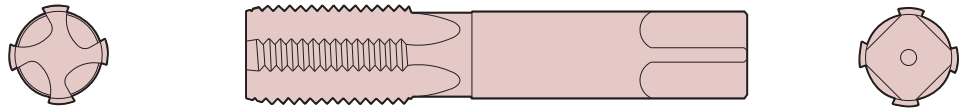


Heyco® PG Thread Taps

For Steel Conduit Threads per DIN 40430

- Use a starting tap for through-hole applications.
- For blind holes, thread first with a starting tap; finish bottoming the threads with a finishing tap.
- Flank angle 80°.
- Made of high-speed steel with ground threads for greater accuracy to assure optimum performance.
- Suitable for cutting alloy steel, bronze, and stainless.

THREAD TYPE AND SIZE	TAP DRILL DIAMETER mm.	DESCRIPTION	PART NO.		PART DIMENSIONS		
			Starting	Finishing	Major Diameter mm.	Overall Length mm.	Thread mm.
PG 7	11,5	PG T 7	0150	0151	12,5	63,0	20,0
PG 9	14,0	PG T 9	0153	0154	15,2	70,0	20,0
PG 11	17,3	PG T 11	0156	0157	18,6	80,0	22,0
PG 13.5	19,0	PG T 13.5	0159	0160	20,4	80,0	22,0
PG 16	21,3	PG T 16	0162	0163	22,5	80,0	22,0
PG 21	27,0	PG T 21	0165	0166	28,3	90,0	22,0
PG 29	35,5	PG T 29	0168	0169	37,0	110,0	25,0

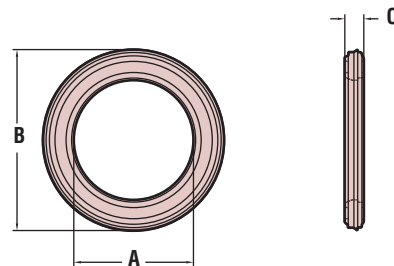


Heyco® Sealing Washers

- For use with Heyco Liquid Tight Fittings and Liquid Tight Cordgrips.
- Liquid tight, dust tight, and oil tight at enclosure.
- Suitable for wet locations requiring a separate gasket between the box and fitting due to imperfections in the box.
- Also suitable for other panel or panel sealing applications.
- Easy to install since washers seal off on the perimeter, not on the connector threads.
- Special double sealing ridges compensate for minor unevenness at enclosure.

Will Fit These Electrical Fitting Trade Sizes-NPT	PART NO. Black	DESCRIPTION	PART DIMENSIONS					
			A Inside Diameter		B Outside Diameter		C Thickness	
			in.	mm.	in.	mm.	in.	mm.
1/4	3258	SW 1/4	.540	13,7	.796	20,2	.125	3,2
3/8	3259	SW 3/8	.670	17,1	1.002	25,5	.125	3,2
1/2	3260	SW 1/2	.820	20,8	1.240	31,5	.125	3,2
3/4	3261	SW 3/4	1.030	26,2	1.500	38,1	.135	3,4
1	3262	SW 1	1.281	32,5	1.770	45,0	.175	4,4
1-1/4	3264	SW 1-1/4	1.660	42,2	1.990	50,7	.160	4,1

Standard color black.



Quick Specs

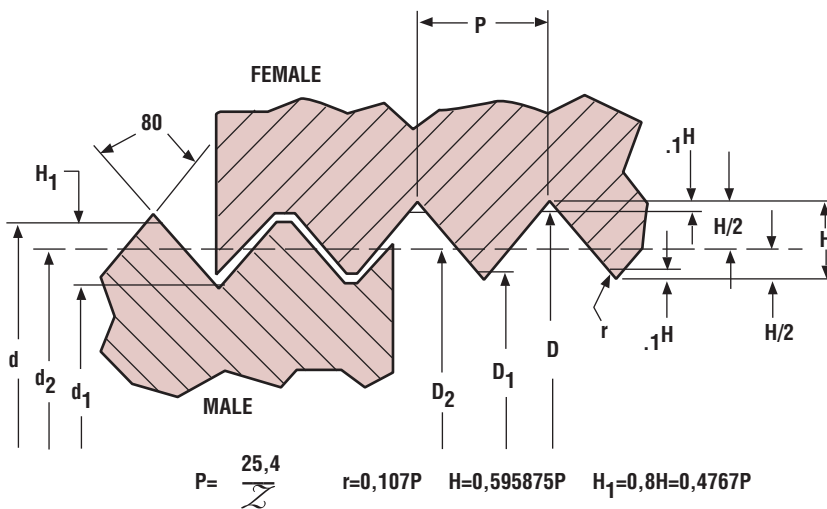
Sealing Washers	
Material	Thermoplastic Elastomer
Flammability Rating	94V-0



Heyco® PG Hub Liquid Tight Cordgrip DIN 40430 Specifications

Machined Steel Pipe Thread–Nominal Sizes (mm)

THREAD SIZE AND TYPE	PART DIMENSIONS						
	Outside Dia. d=D	Pitch Dia. d2=D2	Root Dia. d1=D1	Pitch P	No. of Threads Z	Thread Height H1	Thread Radius R
PG 7	12,5	11,89	11,28	1,270	20	0,61	0,14
PG 9	15,2	14,53	13,86	1,410	18	0,67	0,15
PG 11	18,6	17,93	17,26	1,410	18	0,67	0,15
PG 13,5	20,4	19,73	19,06	1,410	18	0,67	0,15
PG 16	22,5	21,83	21,16	1,410	18	0,67	0,15
PG 21	28,3	27,54	26,78	1,588	16	0,76	0,17
PG 29	37,0	36,24	35,48	1,588	16	0,76	0,17
PG 36	47,0	46,24	45,48	1,588	16	0,76	0,17
PG 42	54,0	53,24	52,48	1,588	16	0,76	0,17
PG 48	59,3	58,54	57,78	1,588	16	0,76	0,17



Machined Steel Pipe Thread–Limits (mm)

Plastic Threads may have Modified Tolerances

THREAD SIZE AND TYPE	PART DIMENSIONS											
	Outside Dia. d		M A L E Pitch Dia. d2		Root Dia. d1		Outside Dia. D		F E M A L E Pitch Dia. D2		Root Dia. D1	
	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
PG 7	12,5	12,3	11,89	11,69	11,28	11,08	12,65	12,5	12,04	11,89	11,43	11,28
PG 9	15,2	15,0	14,53	14,33	13,86	13,66	15,35	15,2	14,68	14,53	14,01	13,86
PG 11	18,6	18,4	17,93	17,73	17,26	17,06	18,75	18,6	18,08	17,93	17,41	17,26
PG 13,5	20,4	20,2	19,73	19,53	19,06	18,86	20,55	20,4	19,88	19,73	19,21	19,06
PG 16	22,5	22,3	21,83	21,63	21,16	20,96	22,65	22,5	21,98	21,83	21,31	21,16
PG 21	28,3	28,0	27,54	27,24	26,78	26,48	28,55	28,3	27,79	27,54	27,03	26,78
PG 29	37,0	36,7	36,24	35,94	35,48	35,18	37,25	37,0	36,49	36,24	35,73	35,48
PG 36	47,0	46,7	46,24	45,94	45,48	45,18	47,25	47,0	46,49	46,24	45,73	45,48
PG 42	54,0	53,7	53,24	52,94	52,48	52,18	54,25	54,0	53,49	53,24	52,73	52,48
PG 48	59,3	59,0	58,54	58,24	57,78	57,48	59,55	59,3	58,79	58,54	58,03	57,78



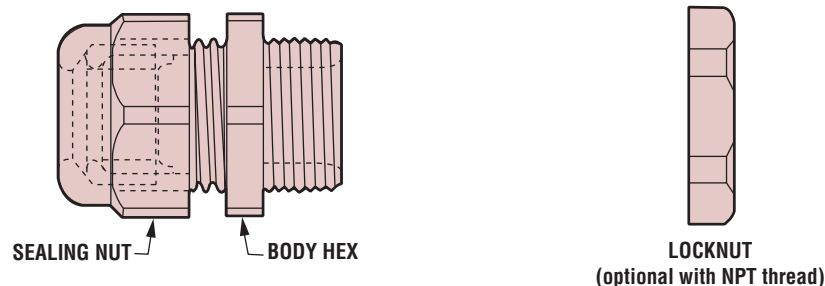
Heyco® Liquid Tight Cordgrips

INSTALLATION INSTRUCTIONS for NON THREADED mounting holes:

1. Be sure that hole is free of burrs and panel surface around hole is smooth and free of debris.
2. Insert the fitting's lower threaded portion through the mounting hole and hand-tighten the LOCKNUT as far as possible. Hold the BODY hex stationary with a wrench. Using a six-pointed socket or six-pointed wrench, tighten the LOCKNUT firmly in place. To see Heyco's Torque Chart (LTF, LTCG's), go to Cordgrips on www.heyco.com for suggested torque values. Check to make sure the BODY hex is held flush and tight to the panel to insure a tight seal.
3. Insert the cable through the fitting to the desired position.
4. Hand-tighten the SEALING nut as far as possible. Hold the BODY hex stationary with a wrench. Using a second wrench, tighten the sealing nut until the cable is securely held in place. To see Heyco's Torque Chart (LTF, LTCG's), go to Cordgrips on www.heyco.com for suggested torque values.
5. To disassemble for cable replacement, use a wrench to hold the BODY hex stationary and loosen the SEALING nut with a second wrench. Grip the disconnected cable and pull while turning the cable in the counter-clockwise direction.

Alternate Installation Instructions:

1. Insert the cable through the fitting to the desired position.
2. Hand-tighten the SEALING nut as far as possible. Hold the BODY hex stationary with a wrench. Using a second wrench, tighten the sealing nut until the cable is securely held in place. To see Heyco's Torque Chart (LTF, LTCG's), go to Cordgrips on www.heyco.com for suggested torque values.
3. Insert the fitting's lower threaded portion through the mounting hole and hand-tighten the LOCKNUT as far as possible. Hold the BODY hex stationary with a wrench. Using a six-pointed socket or six-pointed wrench, tighten the LOCKNUT firmly in place. To see Heyco's Torque Chart (LTF, LTCG's), go to Cordgrips on www.heyco.com for suggested torque values. Check to make sure the BODY hex is held flush and tight to the chassis to insure a tight seal.
4. To disassemble for cable replacement, use a wrench to hold the BODY hex stationary and loosen the SEALING nut with a second wrench. Grip the disconnected cable and pull while turning the cable in the counter-clockwise direction.





Heyco® Preamble Assembly Equipment for Standard Square & RDD Lockit™ Strain Reliefs 3-1



Heyco® RDD Lockit™ Strain Relief Bushings (Flat Cables) 3-2



Heyco® RDD Lockit™ Strain Relief Bushings (Round Cables) 3-3, 3-4



Heyco® RDD Right Angle Lockit™ Strain Relief Bushings (Round & Flat Cables) 3-5, 3-6



Heyco® Lockit™ Strain Relief Bushings (Round & Flat Cables) 3-7, 3-8



Heyco® Multi-Lockit Strain Reliefs (Round or Flat Cables) & Heyco Lockit Strain Reliefs for U Shape Slot 3-9



Heyco® Lay-In & In-Line Strain Relief Bushings 3-10



Heyco® Straight-Thru Strain Relief Bushings (Flat Cables) 3-11, 3-12,



Heyco® Straight-Thru Strain Relief Bushings (Round Cables) 3-13, 3-14



Heyco® Right Angle Strain Relief Bushings (Round & Flat Cables) 3-15, 3-16



Heyco® Pigtail™ Strain Relief Bushings (Flat & Round Cables) 3-17



Heyco® Bell-Mouth Strain Relief Bushings (Flat & Round Cables) 3-18



Heyco® Euro Strain Relief Bushings (USR & CEE Series) & Heyco® T-Bar 3-19, 3-20



Heyco® Knock-Out Adapters for Strain Relief Bushings 3-21



Heyco® Back-Up Washer for Strain Relief Bushings & Heyco® Metal Strain Relief Bushings (Round Cables) 3-22



Heyco® Strain Relief Mounting Hole Plugs 3-23



Heyco® Strain Relief Mounting Hole Punches 3-24



Heyco® Strain Relief Assembly Tools 3-25



Heyco® Air Tool and Jaws & Replacement Parts 3-26



Heyco® Zinc Die Cast Box Connectors- Clamp-Type & 90° Angle 3-27



Heyco® Zinc Die Cast Box Connectors & Box Spacer 3-28



Heyco® Strain Relief Bushings LabKit #1 3-29

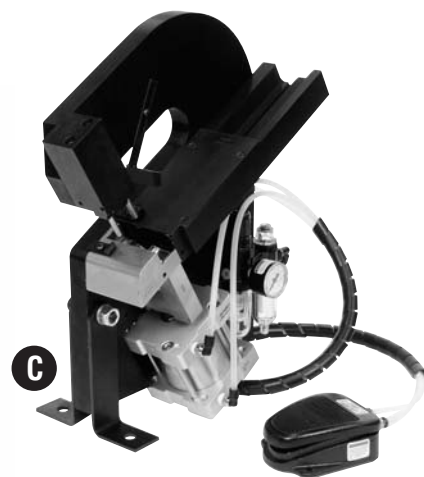
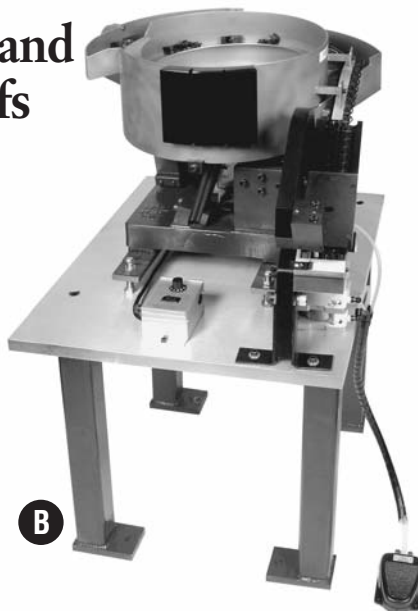
HEYCO® Strain Relief Bushings



Heyco® Pre-Assembly Equipment

For Our Standard Square and RDD Lockit™ Strain Reliefs

Eliminate carpal tunnel syndrome!



Part Number	Description	Use w/ Lockit Part Numbers
0026 ST16 ST13 ST14	RDD 100 Hand Pliers Headlock RDD 100 Autolock RDD 100 Footlock RDD 100	1852, 1870, 1872, 1874
0027 ST17 ST18 ST19	RDD 200, 300 & 400 Series Hand Pliers Headlock RDD 201, 301, 401 Autolock RDD 201, 301, 401 Footlock RDD 201, 301, 401	1855, 1857, 1859, 1861, 1865, 1876, 1878
ST20 ST26 ST27	Headlock RDD 501 Autolock RDD 501 Footlock RDD 501	1868
ST31 ST34	Headlock RDD 601 Footlock RDD 601	1802
ST32 ST33	Headlock RDD 6N-2 Footlock RDD 6N-2	1800
0020 OST1 OST3 OST4	R 100 PLIERS Headlock 100 Autolock 100 Footlock 100	1829, 1832
0023 ST15 OST0 OST6	R 100A/AT PLIERS Headlock 100 A/AT Footlock 100 A/AT Autolock 100 A/AT	1839
0025 ST12 ST10 ST11	R 100L/W PLIERS Headlock 100 L/W Autolock 100 L/W Footlock 100 L/W	1845, 1847
OST7 OST8 OST9	Headlock 200 Autolock 200 Footlock 200	1834, 1836, 1848

A Headlock™ Standard Square and RDD Lockit

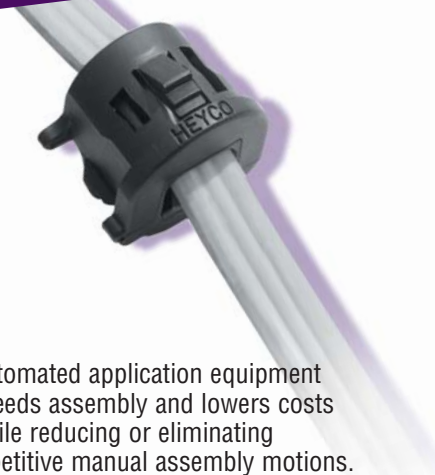
Assembly head for Standard Square and RDD Lockit Strain Reliefs. Simply place a Lockit Strain Relief into the "U" opening of the assembly head. Then place the cable into the bushing body and close the head to secure Strain Relief permanently onto the wire. This completed sub-assembly can then be installed with fingertip pressure into the application's mounting hole—at a later time, in a different place, for lower installed cost!

B Autolock™ Semi-Automatic

Assembly machine for Standard Square and RDD Lockit Strain Reliefs. Suitable for high volume production runs, where batched sub-assemblies are desirable. Includes vibratory feeder bowl, track and head. The operator simply inserts the cable into the assembly head slot, then presses the foot pedal to secure Strain Relief permanently onto the wire. These completed sub-assemblies can be installed with fingertip pressure into the application's mounting hole—at a later time, in a different place, for lower installed cost!

C FootLock™

Assembly machine for Standard Square and RDD Lockit Strain Reliefs. This foot-pedal activated assembly machine is identical to Part Autolock™, except that the gravity fed track is loaded by hand instead of by a vibratory bowl.



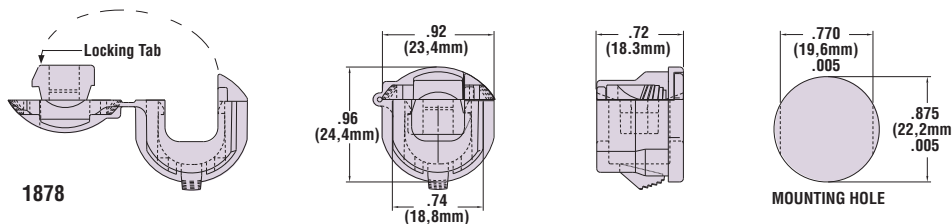
Heyco® RDD Locket™ Strain Relief Bushings

For Flat Cables

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
SPT-1	18/2	.12 x .22	2,5 x 7,8	.625 w/	15,9 w/	.032	0,8	1872	RDD 100A
	18/3	.12 x .32	3,0 x 7,8	.550 flats	14,0 flats	.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		
SPT-2 HPN	18/2	.12 x .32	3,0 x 7,8	.625 w/	15,9 w/	.032	0,8	1874	RDD 100
	16/2	.16 x .32	4,1 x 7,8	.550 flats	14,0 flats	.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		
HPN	16/3	.16 x .37	4,1 x 9,4	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032	0,8	1878	RDD 200
SPT-2	18/3	.15 x .40	3,8 x 10,2			.063	1,6		
	16/3	.16 x .41	4,1 x 10,4			.099	2,5		
SPT-3	18/2	.19 x .35	4,8 x 8,9			.126	3,2		
	18/3	.19 x .39	4,8 x 9,9	.157	4,0				
	16/2	.20 x .37	5,1 x 9,4						
	16/3	.20 x .43	5,1 x 10,9						
	14/2	.24 x .42	6,1 x 10,7						

Standard color black. Consult Heyco for white and other colors.

- Automated application equipment speeds assembly and lowers costs while reducing or eliminating repetitive manual assembly motions.
- See page 3-1 for Heyco's Automated Pre-Assembly Equipment.
- Installs easily with fingertip pressure into a standard round or Double "D" hole. No clumsy hand tools required!
- Assembly friendly! Independent of insertion into the panel, RDD Lockett Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Multiple panel locking steps secure lockit strain relief into range of panel thicknesses.
- Consult Heyco for other wire types and sizes.



Material: 6/6 Nylon
 Certifications: Recognized under the Component Program of Underwriters' Laboratories File E15331
 Certified by the Canadian Standards Association File LR8919
 Flammability Rating: 94V-2
 Material Temperature Index: 257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

*Quick
Specs*



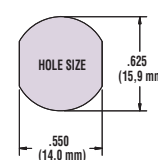
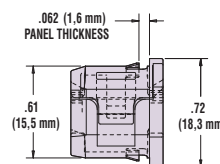
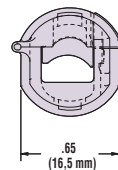
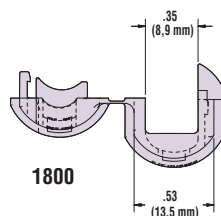
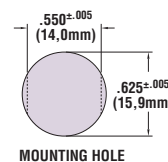
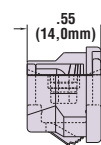
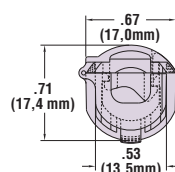
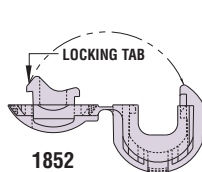
Heyco® RDD Lockit™ Strain Relief Bushings

For Round Cables

- Automated application equipment speeds assembly to cable and lowers costs while greatly reducing the risk of Carpal Tunnel Syndrome.
- See page 3-1 for Heyco's Automated Pre-Assembly Equipment.
- Installs easily with fingertip pressure into a standard Double "D" hole. No clumsy hand tools required!
- Assembly friendly! Independent of insertion into the panel, RDD Lockit Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Multiple panel locking steps secure lockit strain relief into range of panel thicknesses.

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.	Black	
SV & SVT	18/2	.220	5,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1852	RDD 101
		.290	7,4			.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		
AWN SJTO SJ	18/3	.130	3,3	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1870	RDD 101-A
		.210	5,3			.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		
SJTO SEOW	18/3	.290	7,4	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032	0,8	1857	RDD 201
		.385	9,8			.063	1,6		
						.099	2,5		
						.126	3,2		
		.157	4,0						
SJT SJO	18/3	.300	7,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.062	1,6	1800	RDD 6N-2
		.330	8,4						

Standard color black. Consult Heyco for white and other colors.



Quick Specs

Material
Certifications

6/6 Nylon

Recognized under UL File E15331 (far exceeds UL's 35# pull out test).

Certified by the Canadian Standards Association File LR8919

Flammability Rating

94V-2

Material Temperature Index

275°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



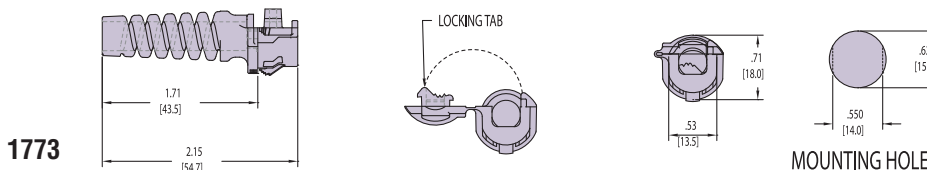
Heyco® RDD Pigtail Lockit™ Strain Relief Bushings

For Round Cables



WILL FIT THESE CABLES				CHASSIS DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
SV	18/3	.220	5,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1773	RDD 101-7
SVT	18/3	.290	7,4			.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		

Standard color black. Consult Heyco for white and other colors.

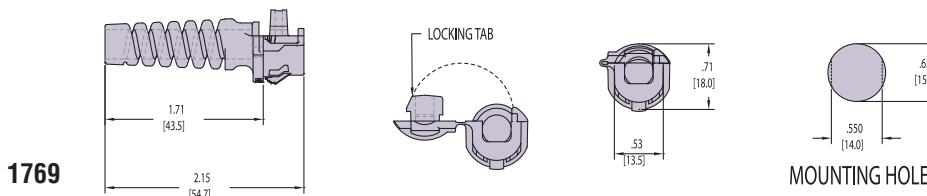


- Protects the lifeline of your electric/electronic products by absorbing forces of pull, push, twist, and flex.
- Securely anchors, insulates, and protects cables at panel entry points.
- Integral nylon spring eases the cable into a lazy bend; prevents sharp bending and assures longest cable and product life.
- Adds reliability, longevity, and safety.
- Assembly friendly! Independent of insertion into the panel, RDD Pigtail Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost.

For Flat Cables

WILL FIT THESE CABLES				CHASSIS DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
SPT-1	18/2 18/3	.12 x .22 .12 x .32	3,0 x 5,6 3,0 x 8,1	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1769	RDD 100A-7
						.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		
SPT-2	18/2	.12 x .32	3,0 x 8,1	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1771	RDD 100-7
HPN	16/2	.16 x .32	4,1 x 8,1	.625 w/ .550 flats	15,9 w/ 14,0 flats	.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		

Standard color black. Consult Heyco for white and other colors.



- Automated application equipment speeds assembly and lowers costs while reducing or eliminating repetitive manual assembly motions.
- See page 3-1 for Heyco's Automated Pre-Assembly Equipment.
- Installs easily with fingertip pressure into a standard round or Double "D" hole. No clumsy hand tools required.
- Multiple panel locking steps secure RDD Pigtail into a range of panel thicknesses.
- Designed to pass CSA's 50,000 cycle "vacuum cleaner" test (C22.2 No. 67) and UL's 859 specification for Household Electric Personal Grooming Appliances "Cord Flexing Test".

Material 6/6 Nylon

Certifications Recognized under the Component Program of Underwriters' Laboratories File E15331 (far exceeds UL's 35# pull-out test).

Certified by the Canadian Standards Association File LR8919

Flammability Rating 94V-2

Material Temperature Index 257° (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco® RDD Lockit™ Strain Relief Bushings

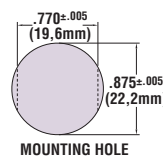
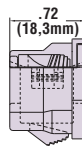
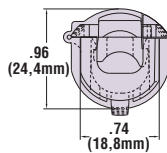
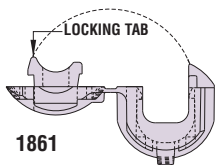
For Round Cables



WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
SJ	18/2	.340	8,6	.875 w/	22,2 w/	.032	0,8	1861	RDD 301
SJO	14/2	.430	10,9	.770 flats	19,6 flats	.063	1,6		
						.099	2,5		
						.126	3,2		
						.157	4,0		
SJT	12/3	.420	10,8	.875 w/	22,2 w/	.032	0,8	1865	RDD 401
		.450	12,1	.770 flats	19,6 flats	.063	1,6		
						.099	2,5		
						.126	3,2		
						.157	4,0		
S	18/3	.525	13,5	1.109 w/	28,2 w/	.063	1,6	1868	RDD 501
SJT	14/3	.600	15,2	1.000 flats	25,4 flats	.099	2,5		
						.126	3,2		
						.157	4,0		
						.187	4,8		
S	12/3	.600	15,2	1.109 w/	28,2 w/	.063	1,6	1802	RDD 601
SJT	8/3	.700	17,8	1.000 flats	25,4 flats	.099	2,5		
						.126	3,2		
						.157	4,0		
						.187	4,8		

Standard color black. Consult Heyco for white and other colors.

- Automated application equipment speeds assembly to cable and lowers costs while greatly reducing the risk of Carpal Tunnel Syndrome.
- See page 3-1 for Heyco's Automated Pre-Assembly Equipment.
- Installs easily with fingertip pressure into a standard Double "D" hole. No clumsy hand tools required!
- Assembly friendly! Independent of insertion into the panel, RDD Lockit Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Multiple panel locking steps secure lockit strain relief into range of panel thicknesses.



Material	6/6 Nylon
Certifications	Recognized under UL File E15331 (far exceeds UL's 35# pull out test) Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



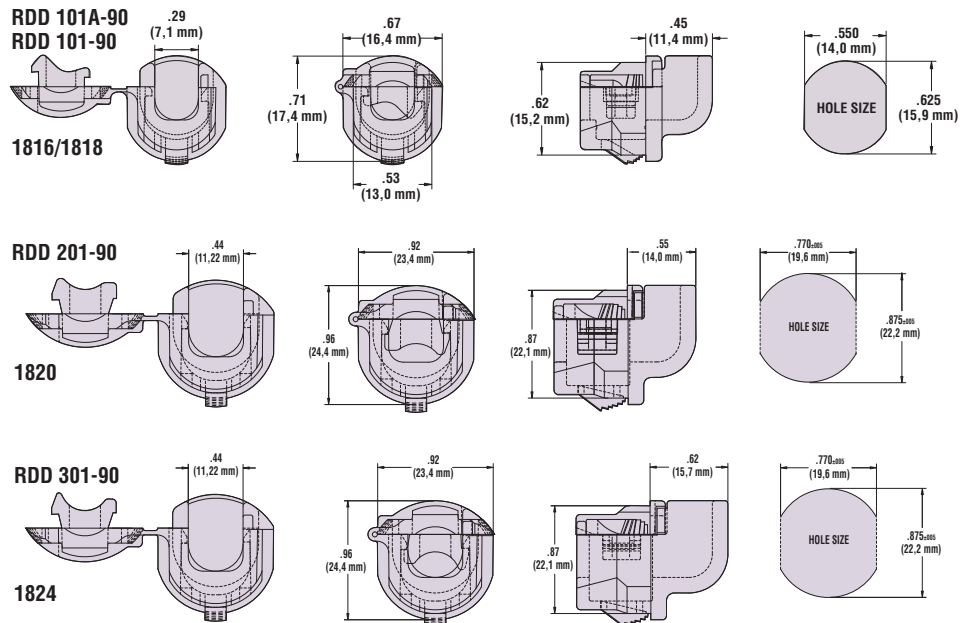
Heyco® RDD Right Angle Lockit™ Strain Relief Bushings

For Round Cables

- Automated application equipment speeds assembly and lowers costs while reducing or eliminating repetitive manual assembly motions.
- See page 3-1 for Heyco's Automated Pre-Assembly Equipment.
- Installs easily with fingertip pressure into a standard round or Double "D" hole. No clumsy hand tools required!
- Assembly friendly! Independent of insertion into the panel, RDD Right Angle Lockit Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Multiple panel locking steps secure lockit strain relief into range of panel thicknesses.
- Consult Heyco for other wire types and sizes.

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
AWM SJTO & SJO	18/2	.130	3,3	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1816	RDD 101A-90
		.210	5,3			.040	1,1		
SV SVT	18/3	.220	5,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1818	RDD 101-90
		.290	7,4			.040	1,1		
						.048	1,2		
						.063	1,6		
SJTO & SEO	18/2 18/3	.290	7,4	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032	0,8	1820	RDD 201-90
		.385	9,8			.063	1,6		
						.099	2,5		
						.126	3,2		
SJ & SJO	18/2 14/2	.340	8,6	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032	0,8	1824	RDD 301-90
		.430	10,9			.063	1,6		
						.099	2,5		
						.126	3,2		
				.157	4,0				

Standard color black. Consult Heyco for white and other colors.



Quick Specs

Material 6/6 Nylon

Certifications Recognized under the Component Program of Underwriters' Laboratories File E15331 (far exceeds UL's 35# pull-out test).
Certified by the Canadian Standards Association File LR8919.

Flammability Rating 94V-2

Material Temperature Index 257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C).



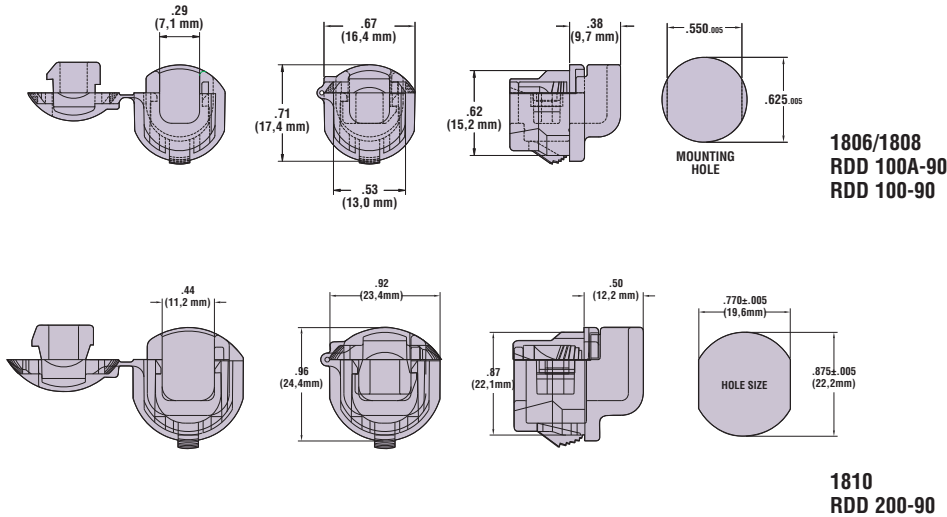
Heyco® RDD Right Angle Lockit™ Strain Relief Bushings

For Flat Cables

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
SPT-1	18/2	.105 x .222	2,7 x 5,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048	0,8 1,1 1,2	1806	RDD 100A-90
	18/3	.116 x .315	2,9 x 8,0			.063 .099	1,6 2,5		
HPN SPT-1 SPT-2	16/3	.116 x .315	2,9 x 8,0	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048	0,8 1,1 1,2	1808	RDD 100-90
	18/2	.160 x .300	4,1 x 7,6						
	18/3	.160 x .300	4,1 x 7,6						
HPN SPT-2 SPT-3	16/3	.160 x .370	4,1 x 7,6	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032 .063 .099	0,8 1,6 2,5	1810	RDD 200-90
	18/3	.240 x .420	6,1 x 10,7						
	14/2	.240 x .420	6,1 x 10,7						

Standard color black. Consult Heyco for white and other colors.

- Automated application equipment speeds assembly and lowers costs while reducing or eliminating repetitive manual assembly motions.
- See page 3-1 for Heyco Automated Pre-Assembly Equipment.
- Installs easily with fingertip pressure into a standard round or Double "D" hole.
- Assembly friendly! Independent of insertion into the panel, RDD Right Angle Lockit Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Multiple panel locking steps secure lockit strain relief into range of panel thicknesses.
- See page 3-23 for matching plugs which can be used to fill blank/unused mounting holes.



1806/1808
RDD 100A-90
RDD 100-90

1810
RDD 200-90

Material 6/6 Nylon
Certifications Recognized under the Component Program of Underwriters' Laboratories File E15331 (far exceeds UL's 35# pull-out test).
 Certified by the Canadian Standards Association File LR8919
Flammability Rating 94V-2
Material Temperature Index 257° (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



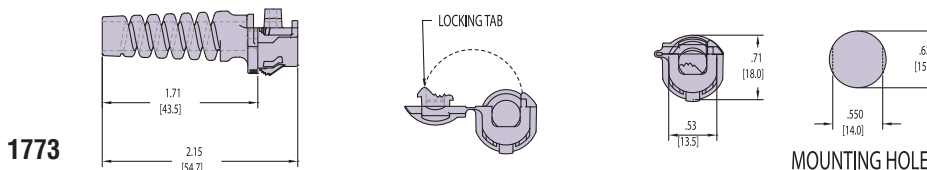
Heyco® RDD Pigtail Lockit™ Strain Relief Bushings

For Round Cables



WILL FIT THESE CABLES				CHASSIS DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
SV	18/3	.220	5,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1773	RDD 101-7
SVT	18/3	.290	7,4			.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		

Standard color black. Consult Heyco for white and other colors.

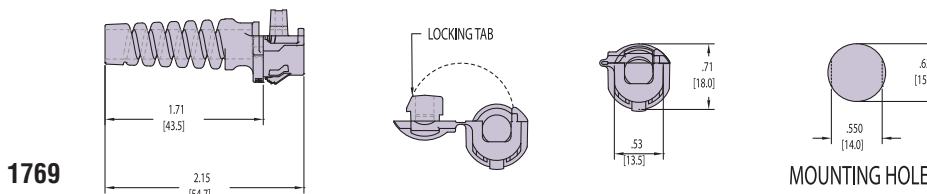


- Protects the lifeline of your electric/electronic products by absorbing forces of pull, push, twist, and flex.
- Securely anchors, insulates, and protects cables at panel entry points.
- Integral nylon spring eases the cable into a lazy bend; prevents sharp bending and assures longest cable and product life.
- Adds reliability, longevity, and safety.
- Assembly friendly! Independent of insertion into the panel, RDD Pigtail Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost.

For Flat Cables

WILL FIT THESE CABLES				CHASSIS DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
SPT-1	18/2 18/3	.12 x .22 .12 x .32	3,0 x 5,6 3,0 x 8,1	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1769	RDD 100A-7
						.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		
SPT-2	18/2	.12 x .32	3,0 x 8,1	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032	0,8	1771	RDD 100-7
HPN	16/2	.16 x .32	4,1 x 8,1	.625 w/ .550 flats	15,9 w/ 14,0 flats	.040	1,1		
						.048	1,2		
						.063	1,6		
						.099	2,5		

Standard color black. Consult Heyco for white and other colors.



- Automated application equipment speeds assembly and lowers costs while reducing or eliminating repetitive manual assembly motions.
- See page 3-1 for Heyco's Automated Pre-Assembly Equipment.
- Installs easily with fingertip pressure into a standard round or Double "D" hole. No clumsy hand tools required.
- Multiple panel locking steps secure RDD Pigtail into a range of panel thicknesses.
- Designed to pass CSA's 50,000 cycle "vacuum cleaner" test (C22.2 No. 67) and UL's 859 specification for Household Electric Personal Grooming Appliances "Cord Flexing Test".

Material 6/6 Nylon

Certifications Recognized under the Component Program of Underwriters' Laboratories File E15331 (far exceeds UL's 35# pull-out test).

Certified by the Canadian Standards Association File LR8919

Flammability Rating 94V-2

Material Temperature Index 257° (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



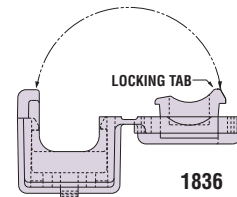
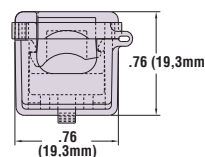
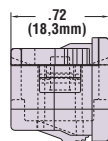
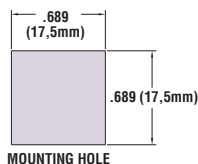
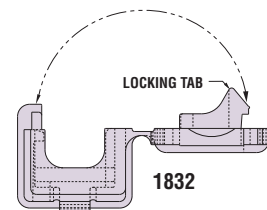
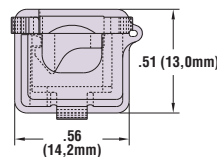
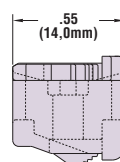
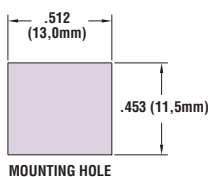
Heyco® Lockit™ Strain Relief Bushings

For Round Cables—Rectangular Mounting Hole

- Assembly friendly! Independent of insertion into the panel, Lockit Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Lockit Strain Reliefs hold so well they pass the UL pull-out test requirements with or without panel support.
- They protect the lifeline of your electric/electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. And, their rectangular design eliminates the possibility of part rotation under forces of twist.
- Lockit's three finger design securely anchors into panels as thin as .032" (0,8 mm) and as thick as .157" (4,0 mm) for a neat, clean appearance. Five locking steps accommodate a wide range of panel thickness. Low profile head satisfies design aesthetics!

UL Type Designation	WILL FIT THESE CABLES			PANEL DIMENSIONS				PART NO.	Description				
	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness							
		in.	mm.	in.	mm.	in.	mm.	Black					
SV & SVT	18/2	.220-	5,6-	.453 x .512	11,5 x 13,0	.032	0,8	1832	ST-101N				
	18/3	.245	6,2			.040	1,0						
	18/3	.255	6,5			.048	1,2						
HPD	18/2	.270	6,9			.063	1,6						
	16/2	.290	7,4			.099	2,5						
HPD	16/2	.290	7,4					1836	ST-201N				
SJ, SJO & SJT	18/2	.300	7,6							.689 x .689	17,5 x 17,5	.032	0,8
	16/2	.315	8,0									.063	1,6
	18/3	.320	8,1									.099	2,5
	16/2	.325	8,2									.126	3,2
	18/3	.330	8,4									.157	4,0
	14/2	.350	8,9										
16/3	.355	9,0											
18/4	.360	9,1											
SJT	14/2	.355	9,0	.689 x .689	17,5 x 17,5	.032	0,8	1848	ST-301N				
STO	16/3	.390	9,9			.063	1,6						
SEOW-A	16/4	.420	10,6			.099	2,5						
						.126	3,2						
						.157	4,0						

Standard color black. Consult Heyco for white and other colors.



Quick Specs

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331. Certified by the Canadian Standards Association File LR8919.
Flammability Rating	94V-2
Material Temperature Index	257° (125°C)—Maximum temperature on part not to exceed 221°F (105°C).



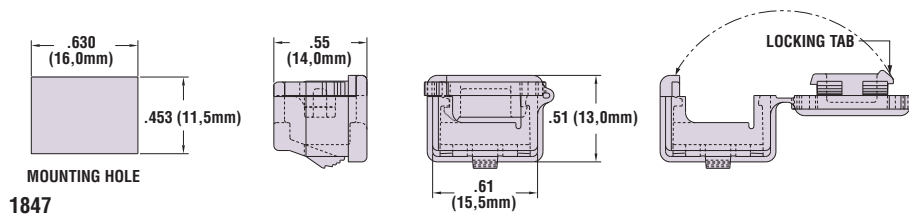
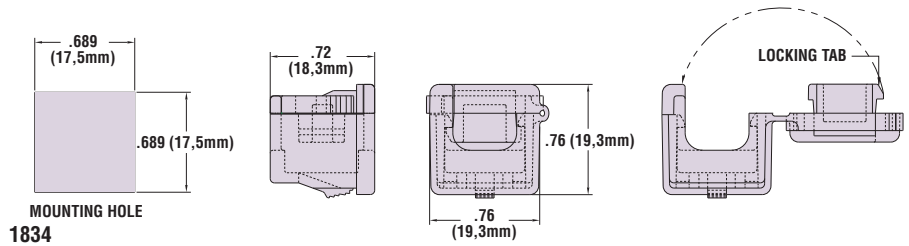
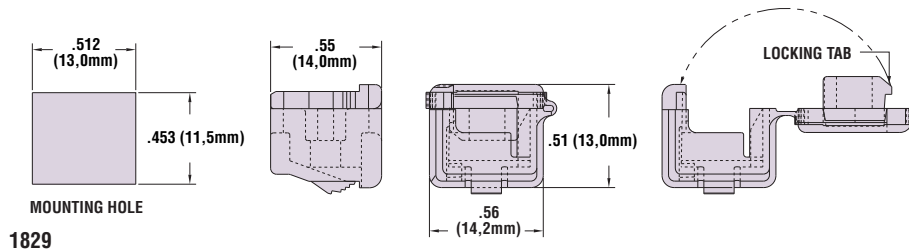
Heyco® Lockit™ Strain Relief Bushings

For Flat Cables—Rectangular Mounting Hole



WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness			
Designation		in.	mm.	in.	mm.	in.	mm.	Black	
SPT-1	18/2 18/3	.12 x .22 .12 x .30	3,0 x 5,6 3,0 x 7,6	.453 x .512	11,5 x 13,0	.032	0,8	1829	ST-100N
SPT-2 & HPN	18/2 16/2	.15 x .28 .16 x .30	3,8 x 7,1 4,1 x 7,6			.040	1,0		
HPN	16/3 18/3	.16 x .37 .15 x .40	4,1 x 9,4 3,8 x 10,2			.063	1,6		
SPT-2	16/3 18/2	.16 x .41 .19 x .35	4,1 x 10,4 4,8 x 8,9	.689 x .689	17,5 x 17,5	.032	0,8	1834	ST-200N
SPT-3	18/3 16/2 16/3 14/2	.19 x .39 .20 x .37 .20 x .43 .24 x .42	4,8 x 9,9 5,1 x 9,4 5,1 x 10,9 6,1 x 10,7			.063	1,6		
SPT-3	16/3	.032 x .099	0,8 x 2,5			.099	2,5		
HPN	18/3	.380 x .105	9,65 x 2,69			.126	3,2		
SPT2	18/2	.135 x .270	3,34 x 6,86	.453 x .630	11,5 x 16,0	.157	4,0	1847	ST-100L
SPT-3	16/3	.032 x .099	0,8 x 2,5			.040	1,0		
HPN	18/3	.380 x .105	9,65 x 2,69			.048	1,2		
SPT2	18/2	.135 x .270	3,34 x 6,86			.063	1,6		
						.099	2,5		

Standard color black. Consult Heyco for white and other colors.



- Assembly friendly! Independent of insertion into the panel, Lockit Strain Reliefs self-lock onto the cable. Thus, they may be pre-assembled offline for final assembly at a later time or remote location, for lower installed cost!
- Lockit Strain Reliefs hold so well they pass the UL pullout test requirements with or without panel support.
- They protect the lifeline of your electric/electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. And, their rectangular design eliminates the possibility of part rotation under forces of twist.
- Lockit's three finger design securely anchors into panels as thin as .032" (0,8 mm) and as thick as .157" (4,0 mm) for a neat, clean appearance. Five locking steps accommodate a wide range of panel thickness. Low profile head satisfies design aesthetics!
- Standardize panel design! Fill unused Lockit Strain Relief mounting holes with the Heyco Rectangular Plug RP 115-130 (See page 3-23).
- See page 3-1 for Heyco's Automated Pre-Assembly Equipment.

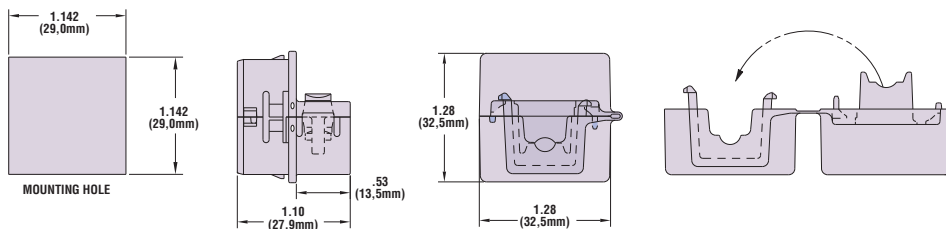


Heyco® Multi-Lockit™ Strain Reliefs For Round or Flat Cables

- Assembly friendly! Independent of insertion into the panel, Lockit Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Large mounting hole design allows passage of plugs or bulky assemblies during Lockit installation.
- Lockit Strain Reliefs hold so well they pass the UL pull-out test requirements with or without panel support.
- They protect the lifeline of your electric/electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. And, their rectangular design eliminates the possibility of part rotation under forces of twist.
- Fingertip pressure snaps the Lockit into the mounting hole.
- ST-101A designed to be installed in a "U" shape panel slot (see schematic). Securely anchors, insulates, and protects cables at panel entry point. Slim head profile makes Lockits design-specific.
- See page 3-1 for Heyco's Automated Pre-Assembly Equipment.

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
Round Cable	18/3	.250	6,4	1.142 x	29,0 x	.032	0,8	1843	LSR1939-300
Flat Cable		.173 x	4,39 x	1.142	29,0				
SPT-3		.380	9,65						

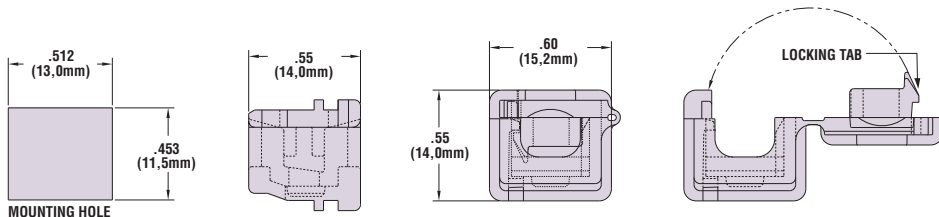
Standard color black. Consult Heyco for white and other colors.



Heyco® Lockit™ Strain Reliefs for U-Shape Slot For Round Cables

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type Designation	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness			
		in.	mm.	in.	mm.	in.	mm.		
SV & SVT	18/2	.220	5,6	.453 x	11,5 x	062	1,6	1839	ST-101A
		.245	6,2						
	18/3	.255	6,5						
HPD	18/2	.270	6,9	.512	13,0				
	16/2	.290	7,4						

Standard color black. Consult Heyco for white and other colors.



Quick
Specs

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331 (far exceeds UL's 35# pull-out test). Canadian Certified by Canadian Standards Association File LR8919
Flamability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



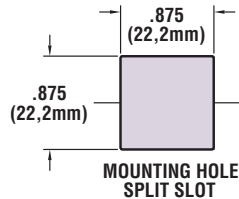
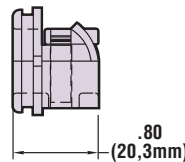
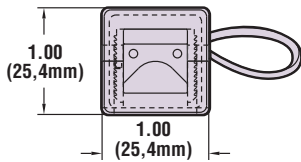
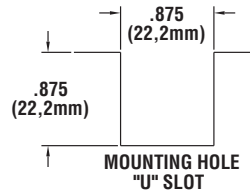
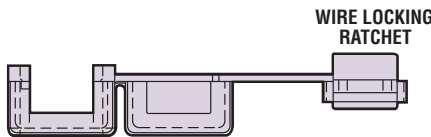
Heyco® Lay-In Strain Relief Bushing

For Split Panel Mounting Holes

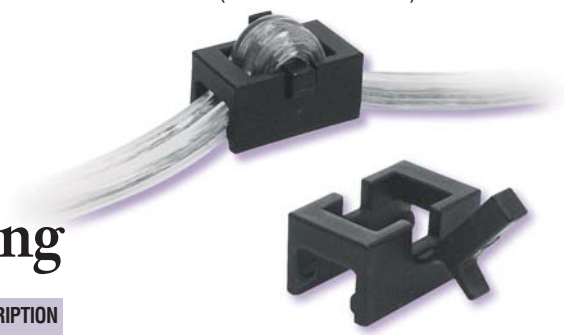


WILL FIT THESE CABLES			PANEL DIMENSIONS				PART NO.	DESCRIPTION	BODY LENGTH	
Cross Section	Approximate Size		Mounting Size		Thickness				Black	in.
	in.	mm.	in.	mm.	in.	mm.				
Round, Flat or Multiple	up to .600	up to 15,2	.875 x .875	22,2 x 22,2	.100	2,5	1266	SR 8R-200	.800	20,3

Standard color black. Consult Heyco for white and other colors.



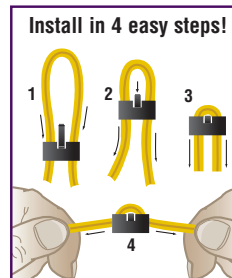
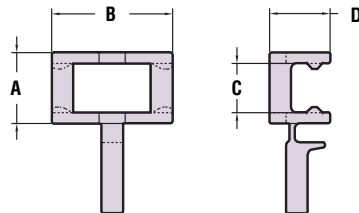
- Assembly friendly! Independent of insertion into the panel, Lay-In Strain Reliefs self-lock onto the cable. Thus, they may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Designed to be installed in split panel mounting hole or dropped into a slot (see schematic).
- Unique wire locking ratchet allows for generous wire range from .250" (6,4 mm) to .600" (15,2 mm).
- Protects against forces of pull, push, or twist.
- Can be used for one cable or bundles of cables (round or flat wire).



Heyco® In-Line Strain Relief Bushing

WILL FIT THESE CABLES				PART DIMENSIONS								PART NO.	DESCRIPTION
UL Type Designation	AWG/ Conductors	Approximate Size		A		B		C		D			
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
SPT-2	18/2	.150 x .280	3,8 x 7,1	.41	10,4	.70	17,8	.29	7,4	.35	8,9	1854	ISR 14-27

Standard color black. Consult Heyco for white and other colors. No panel required for application.



- Replaces "UL Knot" method of providing strain relief
- Quick and easy to secure on any SPT-2 wire.
- Cost effective. No cutting or tools needed as with metal clamp type strain reliefs. There is no risk of repetitive motion strain or injury.
- Recognized (far exceeds UL's 35# pull-out test).
- UL Approved for use with SPT-2 Wire.

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331 Certified by Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco® Straight-Thru Strain Relief Bushings

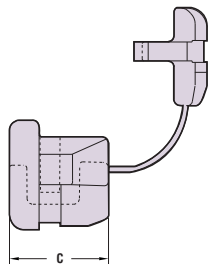
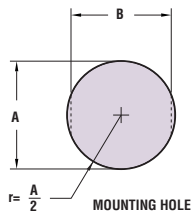
For Flat Cables, With Flex-Protecting Internal Radii and Extra Body Length

- Sizes for thin .040" (1,0 mm) panel available: SR 4A-6 & SR 3A-4. See charts for details.
- Protects the lifeline of your electric/electronic products by absorbing the forces of pull, push, and twist that may be exerted on the flexible power cord.
- Securely anchors, insulates, and protects cable at panel entry points.
- Standardize panel design! Fill unused SR mounting holes with Heyco Double "D" Plugs, page 3-23.
- See page 3-24, 3-25, and 3-26 for SR hole punches and assembly tools.
- See page 3-12 for Quick Specs.

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	C BODY LENGTH		
UL Type Designation	AWG/ Conductors	Approximate Size		A		B		Maximum Panel Thickness				Black	in.	mm.
		in.	mm.	Mounting Hole Dia. in.	mm.	To Prevent Rotation in.	mm.	in.	mm.					
SPT-1	18/3	.12x.30	3,0x7,6	.500	12,7	.465	11,8	.040*	1,0	1181	SR 4A-6	.546	13,9	
SPT-2 & HPN	18/2	.15x.28	3,8x7,1											
Same as SR-4A-6 above except									.062	1,6	1187	SR 4N-6	.546	13,9
Same as SR-4A-6 above except									.100	2,5	1190	SR 4K-6	.546	13,9

Standard colors black. Consult Heyco for white and other colors.

For Flat Cables



*To install strain reliefs for .040" (1,0 mm) maximum panel thickness, use Part #0021 (No. R-291) Hand Pliers.

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	C BODY LENGTH		
UL Type Designation	AWG/ Conductors	Approximate Size		A		B		Maximum Panel Thickness				Black	in.	mm.
		in.	mm.	Mounting Hole Dia. in.	mm.	To Prevent Rotation in.	mm.	in.	mm.					
CLOCK	20/2	.09x.18	2,3x4,6	.375	9,5	.345	8,8	.062	1,6	1017	SR 2P-4	.406	10,3	
SPT-1	18/2	.11x.21	2,8x5,3											
Same as SR 2P-4 above except									.125	3,2	1034	SR 2L-1	.406	10,3
SPT-1	18/2	.12x.22	3,0x5,6	.437	11,1	.390	9,9	.040*	1,0	1074	SR 3A-4	.406	10,3	
Same as SR 3A-4 above except														.062
									.100	2,5	1104	SR 3W-1		
									.156	4,0	1094	SR 3L-1		
SPT-1	18/2	.12x.22	3,0x5,6	.500	12,7	.445	11,3	.100	2,5	1130	SR 4P-4	.440	11,2	
SPT-1	18/3	.12x.30	3,0x7,6											
HPN	18/2	.15x.28	3,8x7,1	.500	12,7	.465	11,8	.062	1,6	1120	SR 4N-4	.406	10,3	
Same as SR 4N-4 above except														.100
									.156	4,0	1127	SR 4L-4		
SPT-1	18/3	.12x.30	3,0x7,6	.500	12,7	.460	11,7	.095	2,4	1114	SR 4K-1	.500	12,7	
SPT-2 & HPN	18/2	.15x.28	3,8x7,1											
HPN	18/3	.15x.34	3,8x8,6	.500-	12,7-	.515	13,1							
SPT-2 & HPN	16/2	.16x.30	4,1x7,6											
Same as SR 4K-1 above except									.187	4,7	1124	SR 4L-1	.500	12,7
SPT-3	18/2	.19x.35	4,8x8,9	.562	14,3	.530	13,5	.062	13,5	1170	SR 5KN-4	.609	15,5	
SPT-2	16/2	.20x.37	5,1x9,4											
SPT-2	18/3	.15x.40	3,8x10,2	.562	14,3	.530	13,5	.062	13,5	1170	SR 5KN-4	.609	15,5	
SPT-2	16/3	.16x.41	4,1x10,4											
Same as SR 5KN-4 above except									.125	3,2	1167	SR 5K-4	.609	15,5

Standard color black. Consult Heyco for white and other colors.



Heyco® Straight-Thru Strain Relief Bushings

For Flat Cables



WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO. Black	DESCRIPTION	C BODY LENGTH	
UL Type Designation	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Maximum ¹ Panel Thickness				In.	mm.
		in.	mm.	in.	mm.	in.	mm.	in.	mm.				
HPN & SPT-2	16/3	.16x.37	4,1x9,4	.562	14,3	.530	13,5	.125	3,2	1174	SR 5W-1	.609	15,5
	18/3	.15x.40	3,8x10,2										
	16/3	.16x.41	4,1x10,4										
SPT-2	18/3	.15x.40	3,8x10,2	.560*	14,2	.730*	18,5	.125	3,2	1484	SR 30-1*	.672	17,1
	16/3	.16x.41	4,1x10,4										
SPT-3	18/2	.19x.35	4,8x8,9	.625	15,9	.550	14,0	.062	1,6	1160	SR 6N4-4	.578	14,7
	18/3	.19x.39	4,8x9,9										
	16/2	.20x.37	5,1x9,4										
SPT-2	18/3	.15x.40	3,0x7,6	.125	2,5					1163	SR 6P4-4	.578	14,7
	16/3	.16x.41	4,1x10,4										
Same as SR 6N4-4 above except													
SPT-3	16/2	.20x.37	5,1x9,4	.750*	19,0	.875*	22,2	.125	3,2	1504	SR 33-1*	.781	19,8
	16/3	.20x.43	5,1x10,9										
	14/2	.24x.42	6,1x10,7										
	14/3	.24x.51	6,1x12,9										
SPT-3	14/2	.24x.42	6,1x10,7	.875	22,2	.840	21,3	.125	3,2	1517	SR 34-2	.813	20,7
	14/3	.24x.51	6,1x12,9										
	12/2	.29x.51	7,4x12,9										
	12/3	.29x.65	7,4x16,5										
SPT-3	12/3	.32x.65	8,1x16,5	.875	22,2	.840	21,3	.125	3,2	1497	SR 31-2	.813	20,7
	10/3												
300 OHM [†]		.06x.40	1,5x10,2	.375	9,5								
SPT-1	18/3	.12x.30	3,0x7,6	.375	9,5	.625-	15,9-	.156	4,0	1804	SR 300-1*	.469	11,9
				.390	9,9								
SPT-2	18/3	.15x.40	3,8x10,2	.415	10,5								
				.422	10,7								
				.422	10,7								
SPT-2	16/3	.16x.41	4,1x10,4	.422	10,7								
				.437	11,1								
Same as SR 300-1 above except													
				.100	2,5					1814	SR 302-1*	.469	11,9

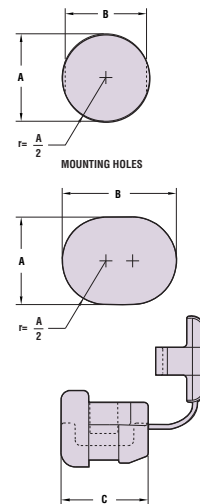
Standard color black. Consult Heyco for white and other colors.

[†]Wire is not UL/CSA covered.

*Use Elongated Hole.

¹Maximum Panel Thickness-Part has additional clearance.

- Sizes SR 2 to SR6 for mounting hole diameters from .375" (9.5 mm) to .625" (15.9 mm).
- Protects the lifeline of your electric/electronic products by absorbing the forces of pull, push and twist that maybe exerted on the flexible power cord.
- Securely anchors, insulates, and protects cables and panel entry points.
- Standardize panel design! Fill unneeded SR mounting holes with Heyco Double "D" Plugs, page 3-23.
- See pages 3-24, 3-25, and 3-26 for SR hole punches and assembly tools.



Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331 Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)-Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs

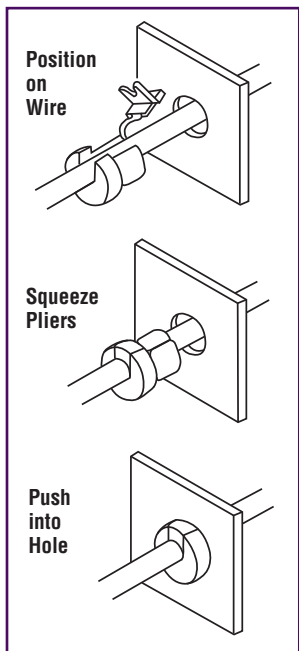


Heyco® Straight-Thru Strain Relief Bushings

For Round Cables

- Sizes SR2 to SR6 for mounting hole diameters from .375" (9.5 mm) to .687" (17.4 mm)
- Protects the lifeline of your electric/electronic products by absorbing the forces of pull, push and twist that maybe exerted on the flexible power cord.
- Securely anchors, insulates, and protects cables and panel entry points.
- Standardize panel design! Fill unneeded SR mounting holes with Heyco Double "D" Plugs, page 3-23.
- See pages 3-24, 3-25, and 3-26 for SR hole punches and assembly tools.

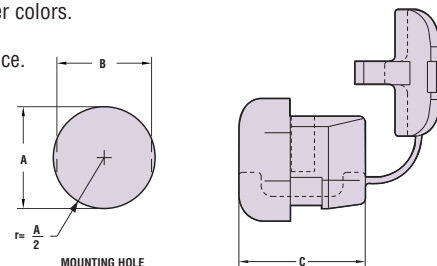
WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	C BODY LENGTH		
UL Type Designation	AWG/ Conductors	Approximate Diameter		A Mounting Hole Dia.		B To Prevent Rotation		Maximum Panel Thickness ¹				Black		in.
		in.	mm.	in.	mm.	in.	mm.	in.	mm.					
AWM	—	.125- [*] .187	3,2-4,8	.375	9,5	.330	8,4	.062	1,6	1060	SR 2M-1	.406	10,3	
SV & SVT	18/2	.220-.245	5,6-6,2	.500	12,7	.450	11,4	.062	1,6	1157	SR 5MN-3	.438	11,1	
Same as SR 5MN-3 above except									.100	2,5	1140	SR 5M-3	.438	11,1
SV & SVT	18/2	.250	6,4	.500	12,7	.450	11,4	.062	1,6	1150	SR 5N-4	.438	11,1	
	18/3	.255	6,5	.500-.515	12,7-13,1									
HPD	18/2	.270	6,9	.500	12,7	.500-.515	12,7-13,1	.062	1,6	1147	SR 5P-4	.438	11,1	
	16/2	.290	7,4	.500-.515	12,7-13,1									
Same as SR 5N-4 above except									.100	2,5	1154	SR 5L-1	.438	11,1
SV & SVT	18/3	.255	6,5	.500	12,7	.450	11,4	.100	2,5	1137	SR 5P3-4	.438	11,1	
HPD	16/2	.290	7,4											
SJ, SJT & SJO	18/2	.300	7,6	.500	12,7	.465	11,8	.090	2,3	1184	SR 6W-1	.438	11,1	
SJ, SJT & SJO	18/2	.300	7,6	.625	15,9	.550	14,0	.062	1,6	1217	SR 6N-4	.578	14,7	
Same as SR 6N-4 above except									.125	3,2	1210	SR 6P-4	.578	14,7
SJ, SJT & SJO	16/2	.325	8,3	.625	15,9	.550	14,0	.062	1,6	1200	SR 6N3-4	.578	14,7	
	18/3	.330	8,4											
	14/2	.350	8,9											
	16/3	.355	9,0											
18/4	.360	9,1												
Same as SR 6N3-4 above except									.125	3,2	1207	SR 6P3-4	.578	14,7
SJ, SJT & SJO	18/2	.300	7,6	.625	15,9	.550	14,0	.156	4,0	1214	SR 6L-1	.678	17,2	
	16/2	.325	8,3	.656	16,7									
	18/3	.330	8,4	.656	16,7									
	16/3	.355	9,0	.687	17,4									



Standard color black. Consult Heyco for white and other colors.

*AWM cable only.

¹Maximum Panel Thickness—Part has additional clearance.



Quick Specs

Material	6/6 Nylon
Certifications	UL Recognized under the Component Program of Underwriters' Laboratories File E15331
	CSA Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



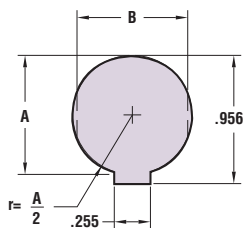
Heyco® Straight-Thru Strain Relief Bushings

For Round Cables

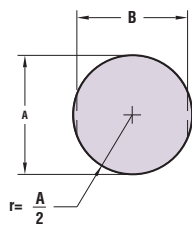


WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	C												
UL Type Designation	AWG/ Conductors	Approximate Diameter		A		B		Maximum Panel Thickness ¹				Black	Body Length											
		in.	mm.	Mounting Hole Dia. in.	mm.	To Prevent Rotation in.	mm.	in.	mm.			in.	mm.											
SJT	18/4 14/3	.360 .370	9,1 9,4																					
S & ST	18/2 18/3 16/2	.390 .405 .405	9,9 10,3 10,3	.750	19,0	.660	16,8	.062	1,6	1244	SR 7N-2	.750	19,1											
	16/3	.430	10,9											.750- .781	19,0- 19,8									
	Same as SR 7N-2 above except																	.125	3,2	1237	SR 7P-2	.750	19,1	
SJ, SJT & SJO	16/2 18/3 14/2 16/3 18/4	.325 .330 .350 .355 .360	8,3 8,4 8,9 9,0 9,1	.875	22,2	.770	19,6	.125	3,2	1240	SR 7K-2	.750	19,1											
	Same as SR 7K-2 above except													See Schematic				1271	SR 7KR-2	.750	19,1			
	SJT	14/3 12/3	.370 .425											9,4 10,8										
	S & ST	18/2 18/3 16/2 16/3	.390 .405 .405 .430											9,9 10,3 10,3 10,9	.875	22,2	.770	19,6	.125	3,2	1247	SR 7W-2	.750	19,1
		Same as SR 7W-2 above except																						
SJT		12/3	.425- .475	10,8- 12,1	.875	22,2	.840	21,3	.125	3,2	1497	SR 31-2	.812	20,6										
S & ST		14/2 14/3 12/2	.530 .560 .600	13,5 14,2 15,3																				
	Same as SR 8N-2 above except								.125 .187	3,2 4,8	1260 1274	SR 8P-2 SR 8L-1	.812	20,6										
S	12/2 12/3	.600 .635	15,2 16,1	1.093 1.125	27,7 28,6	1.000	25,4	.281	7,1	1287	SR 9P-2	1.00	25,4											
	10/2	.640	16,3	1.093	27,7																			
S, ST & SO	10/3	.690	17,5	1.187	28,6																			

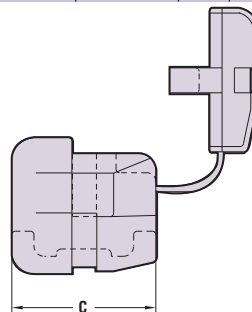
Standard color black. Consult Heyco for white and other colors.
¹Maximum Panel Thickness-Part has additional clearance.



FOR SR-7KR-2 ONLY



STANDARD MOUNTING HOLES



- Sizes SR7 to SR9 for mounting hole diameters from .750" (19,0 mm) to 1.187" (28,6 mm).
- Protects the lifeline of your electric/electronic products by absorbing the forces of pull, push, and twist that may be exerted on the flexible power cord.
- Securely anchors, insulates, and protects cables at panel entry points.
- Standardize panel design! Fill unneeded SR mounting holes with Heyco Double "D" Plugs, page 3-23.
- Sizes for thin .062" (1,6 mm) panel available:
 SR 7N-2
 SR 8N-2
 See chart for details.
- See pages 3-24, 3-25 and 3-26 for SR hole punches and assembly tools.
- See page 3-13 for Quick Specs.



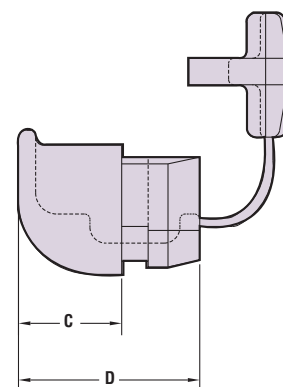
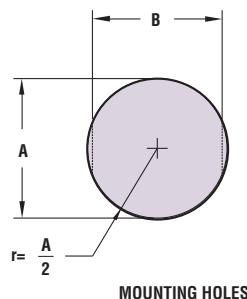
Heyco® Right Angle Strain Relief Bushings

For Round Cables

- Provides the same protection for your power supply cable as the straight-thru type AND...
- Exits the cable flush against the panel, saving space and directing the cable parallel to the panel.
- Overcomes space limitations and acts as a back or bottom bumper.
- Standardize panel design! Fill unused SR mounting holes with Heyco Double "D" Plugs, page 3-23.
- See pages 3-24, 3-25, and 3-26 for SR hole punches and assembly tools.

WILL FIT THESE CABLES			PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS			
UL Type Designation	AWG/ Conductors	Approx. Diameter	A Mounting Hole Dia.	B To Prevent Rotation	Maximum Panel Thickness ¹				C Head Length	D Body Length		
		in. mm.	in. mm.	in. mm.	in. mm.	in. mm.	Black	in.	mm.	in.	mm.	
SV & SVT	18/2	.250 6,3	.500 12,7				1374	SR 15-1	.390 9,9	.687 17,5		
	18/3	.265 6,7	.500-.515 12,7-13,1	.450 11,4	.100 2,5							
HPD	18/2	.270 6,9	.500 12,7				1320	SR 10-2	.562 14,3	.968 24,6		
	16/2	.290 7,4	.500-.515 12,7-13,1									
SJ, SJT & SJO	18/2	.300 7,6					1320	SR 10-2	.562 14,3	.968 24,6		
	16/2	.325 8,3	.625 15,9	.550 14,0	.125 3,2							
	18/3	.330 8,4										
	16/3	.330 8,4										
SJ, SJT & SJO	16/2	.325 8,3					1327	SR 11-2	.562 14,3	.968 24,6		
	18/3	.330 8,4	.625 15,9	.550 14,0	.125 3,2							
	16/3	.355 9,0										
Same as SR 11-2 above except						.200 5,1	1330	SR 11K-2	.562 14,3	.968 24,6		
SJT	18/4	.360 9,1					1397	SR 17-2	.640 16,3	1.093 27,7		
	14/3	.370 9,4										
S & ST	18/2	.390 9,9	.750 19,0				1397	SR 17-2	.640 16,3	1.093 27,7		
	18/3	.405 10,3		.660 16,8	.125 3,2							
	16/2	.405 10,3										
	16/3	.430 10,9	.750-.781 19,0-19,8									

Standard color black. Consult Heyco for white and other colors.
¹Maximum Panel Thickness-Part has additional clearance.



Quick Specs

Material: 6/6 Nylon
 Certifications: Recognized under the Component Program of Underwriters' Laboratories File E15331
 Certified by the Canadian Standards Association File LR8919
 Flammability Rating: 94V-2
 Material Temperature Index: 257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)



Heyco® Right Angle Strain Relief Bushings

For Flat Cables

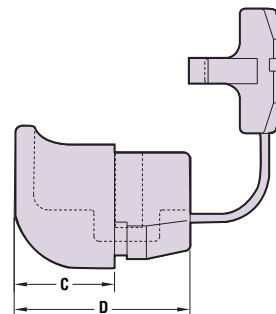
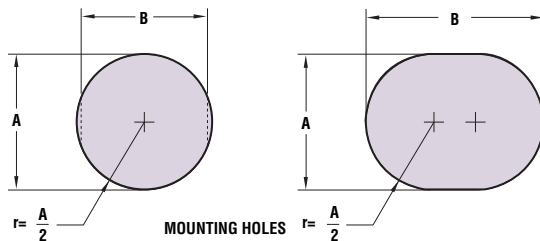


WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS				
UL Type Designation	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Maximum Panel Thickness ¹				Black	C Head Length	D Body Length		
		in.	mm.	in.	mm.	in.	mm.	in.	mm.					in.	mm.	
SPT-1	18/2	.12x.22	3,0x5,6	.437	11,1	.390	9,9	.062	1,6	1354	SR 13-1	.234	5,9	.500	12,7	
SPT-1	18/3	.12x.30	3,0x7,6													
SPT-2	18/2	.15x.28	3,8x7,1	.500	12,7	.450	11,4	.040	1,0	1361	SR 14A-1	.390	9,9	.687	17,5	
HPN	16/2	.16x.30	4,1x7,6													
Same as SR 14A-1 above except									.100	2,5	1364	SR 14-1	.390	9,9	.687	17,5
SPT-2	18/3	.15x.40	3,8x10,2													
SPT-3	18/2	.19x.35	4,8x8,9	.562	14,3	.525	13,3	.125	3,2	1384	SR 16-1	.500	12,7	.859	21,8	
	16/2	.20x.37	5,1x9,4													
HPN	16/3	.16x.37	4,1x9,4													
SPT-2	18/3	.15x.40	3,8x10,2	.560	14,2	.730	18,5	.080	2,0	1424	SR 20-1 **	.406	10,3	.812	20,6	
	16/3	.16x.41	4,1x10,4													
SPT-3	18/2	.19x.35	4,8x8,9	.560	14,2	.730	18,5	.080	2,0	1424	SR 20-1 **	.406	10,3	.812	20,6	
	18/3	.19x.39	4,8x8,9													
	16/2	.20x.37	5,1x9,4													
	16/3	.20x.43	5,1x10,9													
Same as SR 20-1 above except									.125	3,2	1434	SR 20L-1 **	.406	10,3	.812	20,6
SPT-3	16/2	.20x.37	5,1x9,4	.750	19,9	.875	22,2	.125	3,2	1454			SR 23-1 **	.484	12,3	.937
	16/3	.20x.43	5,1x10,9													
	14/2	.24x.42	6,1x10,7													
	14/3	.24x.51	6,1x13,0													
SPT-3	14/2	.24x.42	6,1x10,7	.875	22,2	.840	21,3	.125	3,2	1464	SR 24-1	.500	12,7	.968	24,6	
	14/3	.24x.51	6,1x13,0													
	12/2	.29x.51	7,4x13,0													
	12/3	.29x.65	7,4x16,5													
SPT-3	10/3	.32x.66	8,0x16,8	1.093	28,0	1.000	25,4	.125	3,2	1440	SR 21-2	.734	18,6	1.437	36,5	

Standard color black. Consult Heyco for white and other colors.

**Use elongated hole.

¹Maximum Panel Thickness—Part has additional clearance.



Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco® Pigtail™ Strain Relief Bushings

For Flat Cables, With Integral Nylon Spring

- Protects the lifeline of your electric/electronic products by absorbing forces of pull, push, twist, and flex.
- Securely anchors, insulates, and protects cables at panel entry points.
- Integral nylon spring eases the cable into a lazy bend; prevents sharp bending and assures longest cable and product life.
- Not recommended for applications where the power supply cord is subject to whipping or "jump rope" type motion.
- Adds reliability, longevity, and safety. Will pass CSA's 50,000 cycle "vacuum cleaner" test (C22.2 No. 67).
- Standardize panel design! Fill unused SR mounting holes with Heyco Double "D" Plugs, page 3-23.
- See pages 3-24, 3-25, and 3-26 for SR hole punches and assembly tools.

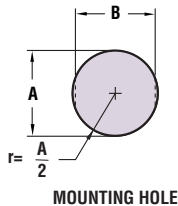
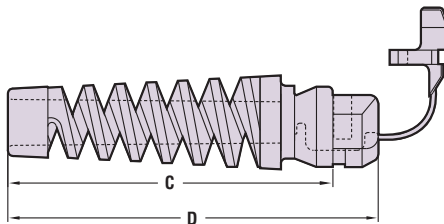
UL Type Designation	AWG/ Conductors	Approximate Size		PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS						
		Mounting Hole		To Prevent Rotation		Maximum Panel Thickness ¹		Black	C Extension Length			D Body Length						
		in.	mm.	in.	mm.	in.	mm.		in.			mm.	in.	mm.				
SPT-1	18/3	.12X.30	3,0X7,6															
SPT-2 & HPN	18/2	.15x.28	3,8x7,1	.500	12,7	.465	11,8	.062	1,6	1541	SR 4N-7	1.718	43,6	1.984	50,4			

Standard color black. Consult Heyco for white and other colors.
¹Maximum Panel Thickness—Part has additional clearance.

For Round Cables, With Integral Nylon Spring

UL Type Designation	AWG/ Conductors	Approximate Diameter		PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS						
		Mounting Hole Dia.		To Prevent Rotation		Maximum Panel Thickness ¹		Black	C Extension Length			D Body Length						
		in.	mm.	in.	mm.	in.	mm.		in.			mm.	in.	mm.				
SV & SVT	18/2	.250	6,4	.500	12,7													
	18/3	.255	6,5	.500-.515	12,7-13,1													
HPD	18/2	.270	6,9	.500	12,7	.450	11,4	.062	1,6	1590	SR 5N-7	1.703	43,3	1.984	50,4			
	16/2	.290	7,4	.500-.515	12,7-13,1													
Same as SR 5N-7 above except																		
SJ, SJO & SJT	18/2	.300	7,6	.625	15,9	.550	14,0	.062	1,6	1596	SR 6N-7	1.718	43,6	2.109	53,6			
Same as SR 6N-7 above except																		
SJ, SJO & SJT	16/2	.315	8,0															
	18/3	.320	8,1															
	14/2	.350	8,9	.625	15,9	.550	14,0	.062	1,6	1599	SR 6N3-7	1.718	43,6	2.109	53,6			
	16/3	.355	9,0															
	18/4	.360	9,1															
Same as SR 6N3-7 above except																		
SJT	18/4	.360	9,1															
	14/3	.370	9,4															
S & ST	18/2	.390	9,9	.750	19,0													
	18/3	.405	10,3			.660	16,8	.125	3,2	1611	SR 7P-7	2.156	54,9	2.598	66,0			
	16/2	.405	10,3															
	16/3	.430	10,9	.750-.781	19,0-19,8													

Standard color black. Consult Heyco for white and other colors.
¹Maximum Panel Thickness—Part has additional clearance.



Quick Specs

Material Certifications

6/6 Nylon
 Recognized under the Component Program of Underwriters' Laboratories File E15331
 Certified by the Canadian Standards Association File LR8919

Flammability Rating

94V-2

Material Temperature Index 257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



Heyco® Bell-Mouth Strain Relief Bushings

For Flat Cables

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS			
UL Type Designation	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Maximum Panel Thickness				Black	C Head Length	B Body Length	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.
CLOCK	20/2	.09x.18	2,3x4,6	.375	9,5	.330	8,4	.062	1,6	1020	SR 2P-5	.375	9,5	.625	15,9
SPT2	18/2	.11x.21	2,8x5,3												
SPT-1	18/2	.12x.22	3,0x5,6	.437	11,1	.390	9,9	.062	1,6	1080	SR 3P-5	.375	9,5	.625	15,9
SPT-1	18/3	.12x.30	3,0x7,6	.500	12,7										
SPT-2 & HPN	18/2	.15x.28	3,8x7,1	.500	12,7	.465	11,8	.062	1,6	1108	SR 4N-5	.406	10,3	.703	17,9
	16/2	.16x.30	4,1x7,6	.500	12,7										
HPN	18/3	.15x.34	3,8x8,6	.625	15,9	.550	14,0	.125	3,2	1229	SR 6K-5	.406	10,3	.813	20,7
	16/3	.16x.37	4,1x9,4												
SPT-2	16/2	.16x.30	4,1x7,6	.625	15,9	.550	14,0	.125	3,2	1229	SR 6K-5	.406	10,3	.813	20,7
	16/3	.16x.41	4,1x10,4												

Standard color black. Consult Heyco for white and other colors.
 *Maximum Panel Thickness-Part has additional clearance.

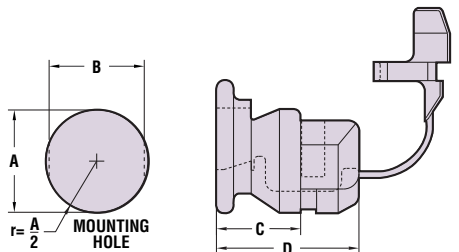


- Protects the lifeline of your electric/electronic products by absorbing forces of pull, push, twist, and flex.
- Securely anchors, insulates, and protects cable at panel entry points.
- Flared "trumpet" exit eases the cable into a lazy bend, prevents sharp bending, and assures longer cable and product life.
- See pages 3-24, 3-25, and 3-26 for SR hole punches and assembly tools.

For Round Cables

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS																
UL Type Designation	AWG/ Conductors	Approximate Diameter		A Mounting Hole Dia.		B To Prevent Rotation		Maximum ¹ Panel Thickness				Black	C Head Length	B Body Length														
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.													
SV & SVT	18/2	.250	6,3	.500	12,7	.450	11,4	.062	1,6	1143	SR 5N-5	.406	10,3	.688	17,5													
	18/3	.255	6,5	.500-.515	12,7-13,1																							
HPD	18/2	.270	6,9	.500	12,7	.450	11,4	.062	1,6	1143	SR 5N-5	.406	10,3	.688	17,5													
	16/2	.290	7,4	.500-.515	12,7-13,1																							
SJ, SJO & SJT	18/2	.300	7,6	.625	15,9	.550	14,0	.125	3,2	1226	SR 6P-5	.421	10,7	.813	20,7													
	16/2	.315	8,0	.625	15,9											1232	SR 6P2-5	.421	10,7	.813	20,7							
	18/3	.320	8,1																									
SJ, SJO & SJT	16/2	.325	8,2	.625	15,9	.550	14,0	.062	1,6	1223	SR 6N3-5	.421	10,7	.813	20,7													
	18/3	.330	8,4																									
	14/2	.350	8,9																									
	16/3	.355	9,0																									
	18/4	.360	9,1																									
Same as SR 6N3-5 above except									.125	3,2	1220	SR 6P3-5	.421	10,7	.813	20,7												

Standard color black. Consult Heyco for white and other colors.
 *Maximum Panel Thickness-Part has additional clearance.



Material 6/6 Nylon

Certifications Recognized under the Component Program of Underwriters' Laboratories File E15331

Certified by the Canadian Standards Association File LR8919

Flammability Rating 94V-2

Material Temperature Index 257°F (125°C)-Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco® Euro Strain Relief Bushings

USR Series—US Patent No. 5,052,643 Foreign Patents

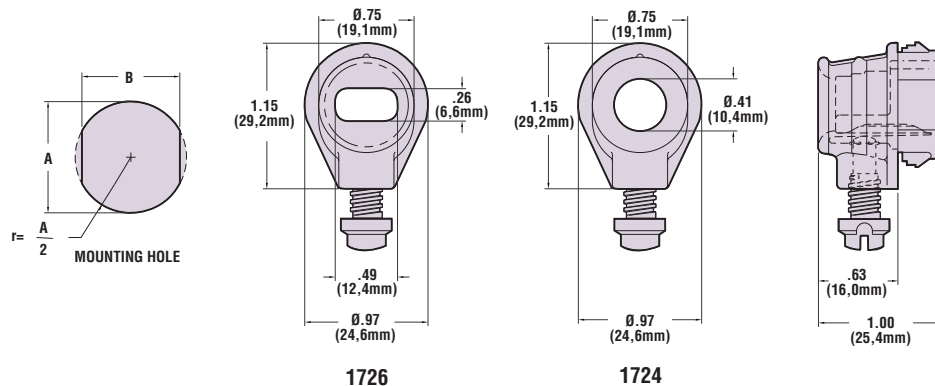
For European Requirements

Designed to meet those requirements wherein the Strain Relief device must remain attached to the panel during cable removal or replacement.

- Captive screw cannot be removed from body during cable removal or replacement. (The screw forces the locking flap against the cable.)
- Reinforcing ribs provide extra strength.
- Nylon USR-400 series parts may help you comply with IEC Publication #335, CEE #10 and #11; VDE #0720, #0730, and others.
- Protects your cable against forces of pull, push, twist, and flex; prevents use of larger-than-intended cord diameter.
- Easy panel installation: fingertip pressure locks bushing into .875" (22,2 mm) holes with panel thickness up to .125" (3,2 mm).
- No need for separate cord guard. The bushing cord exit features a bell-mouth contour, with radius 1-1/2 times the exit hole diameter.
- USR-40 uses captive metal screw and USR-400/401 uses captive screw.

WILL FIT THESE CABLES			PANEL DIMENSIONS					PART NO.	DESCRIPTION	
Cross Section	Approximate Size		A		B		Maximum Panel Thickness		Black	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
Round or Flat	up to .400	up to 10,2	.875	22,2	.770	19,6	.125	3,2	1724	USR-400
Flat	up to .250 x .400	6,4 x 10,2	.875	22,2	.770	19,6	.125	3,2	1726	USR-401
Round or Flat (SPT Type)	up to .400	up to 10,2	.875	22,2	.770	19,6	.125	3,2	*1730	USR-40

Standard color black. Consult Heyco for white and other colors.



Quick Specs

Material	6/6 Nylon
Certifications	<ul style="list-style-type: none"> UL Recognized File E15331 for round, flat (SPT Type Cables) UL Listed under Underwriters' Laboratories File E103540 CSA Certified by the Canadian Standards association File LR81067
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



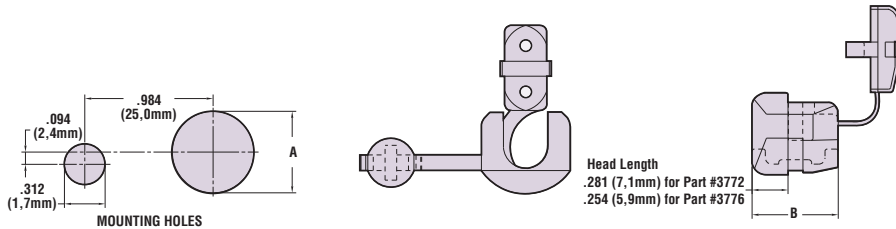
Heyco® Euro Strain Relief Bushings

CEE Series



WILL FIT THESE CABLES Cross Section	Approximate Diameter		PANEL DIMENSIONS A				PART NO. Black	DESCRIPTION	B Body Length	
	in.	mm.	Mounting Hole Dia.	Maximum Panel Thickness	in.	mm.			in.	mm.
Round	.300	7,6	.625	15,9	.125	3,2	3772	SR 6P10 CEE	.671	17,0
Round	.325- .360	8,3- 9,1	.625	15,9	.125	3,2	3776	SR 6P30 CEE	.625	15,9

Standard color black. Consult Heyco for white and other colors.



For European Requirements

Designed to meet those requirements wherein the Strain Relief device must remain attached to the panel during cable removal or replacement.

- Button lock, flexibly connected to the bushing, mounts into a hole alongside the bushing.
- Button lock secures the bushing to the panel during cable removal or replacement.

Heyco® T-Bar



- **Part No. 3791**, T-bar available in **black only**.
- During cable removal or replacement, the T-Bar prevents complete removal of the strain relief bushing from the panel, reducing the risk of losing the bushing.
- For use in mounting holes .625" (16,0 mm) and smaller.
- Snap T-Bar onto the strain relief bushing strap (linking body to key piece), then feed it into the panel mounting hole.

Material	6/6 Nylon
Certifications	Recognized under Underwriters' Laboratories File E15331 Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco® Knock-Out Adapters For Strain Relief Bushings

- Made of zinc-plated steel.
- Converts trade size knock-out holes to diameters suitable for strain relief bushings.
- Allows for standardization of panel design since various strain relief bushing sizes can be adapted to one panel hole size.
- Allows for the mounting of strain relief bushings into unusually thick panel.
- Adapters mount into 1/2" knock-outs (7/8" or 22,2 mm nominal diameter).

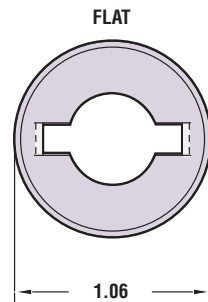
Will Adapt These Strain Reliefs to Fit an .875" (22,2mm.) Diameter Hole.	PART NO.	DESCRIPTION	LUG LENGTH	
			in.	mm.
4K-1, 4K-4, 4K-6, 4L-1 4L-4, 5L-1, 5P3-4, 5P-4, 5P-7, 5S-1, 6W-1, 14-1, 15-1, 5M-3	7562	A-22F	.500	12,7
6K-5, 6L-1, 6P2-5, 6P3-4 6P3-5, 6P3-7, 6P-4, 6P-5 6P-7, 10-2, 11-2, 11K-2	7567	A-25F	.500	12,7
2P-4, 2P-5, 5K-4, 5W-1 16-1, 2L-1, 2M-4	7570	A-28F	.500	12,7
20-1, 20L-1, 30-1	7572	A-41	.500	12,7

A-10 Adapter Pliers (Part #0024)

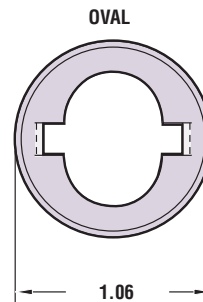
For quick and easy locking of adapters.



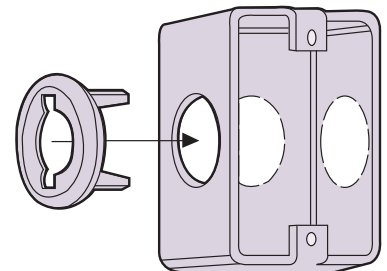
A-10



A-22F
A-28F
A-25F



A-41





Heyco® Back-Up Washer For Strain Relief Bushings



PART NO.	DESCRIPTION	INSIDE DIAMETER		OUTSIDE DIAMETER		THICKNESS	
		in.	mm.	in.	mm.	in.	mm.
7592	SRW 500	.500	12,7	.625	15,9	.025	0,6

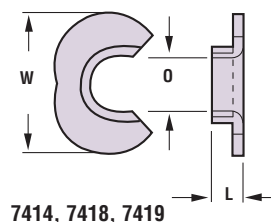
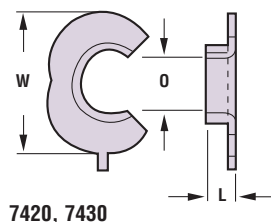
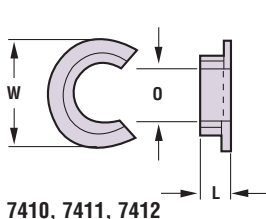
- Made of zinc-plated steel.
- Used together with our Strain Relief Bushings.
- For situations where the panel is too flexible to support UL's 35# strain relief pull-out test.
- OR for situations where the panel is thin relative to the strain relief's locking slot. The backup washer eliminates "play".
- OR can be used to contain the strain relief bushing in U-slot openings.

Heyco® Metal Strain Relief Bushings For Round Cables



WILL FIT THESE CABLES			PART NO.	DESCRIPTION	PART DIMENSIONS						ATTACHING PLIERS NO.
UL Type Description	Approximate Diameter				O		W		L		
	in.	mm.			in.	mm.	in.	mm.	in.	mm.	
HPD	.312	7,9	7410	MSR-1	.296	7,5	.593	15,1	.171	4,4	0019
SJ	.300-.343	7,6-8,7	7411	MSR-1A	.203	5,2	.531	13,5	.171	4,4	0018
SV	.250	6,4	7412	MSR-1B	.296	7,5	.500	12,7	.171	4,4	0018
SJ	.380	9,6	7414	MSR-2W	.265	6,7	.781	19,8	.171	4,4	0018
HPD	.312	7,9	7418	MSR-2S	.295	7,5	.781	19,8	.171	4,4	0019
SJ	.300-.343	7,6-8,7	7419	MSR-2A	.203	5,2	.781	19,8	.171	4,4	0018
HPD	.312	7,9	7420	MSR-2	.296	7,5	.765	19,5	.171	4,4	0019
HPD	.312	7,9	7430	MSR-3	.296	7,5	.656	16,7	.171	4,4	0019

- Made of plated steel.
- Absorbs pull force only, to help meet UL and CSA requirements.
- Designed to be attached to wire and cable inside of the panel.
- Permanent grip, nonslip design.
- Easy assembly with recommended hand pliers.
- See page 3-25 for Assembly Tools.





Heyco® Strain Relief Mounting Hole Plugs

Standardize Panel Design and Fill Unused Holes

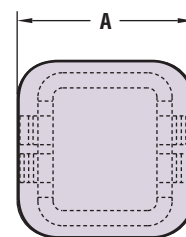
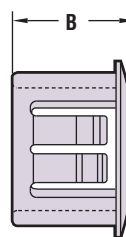
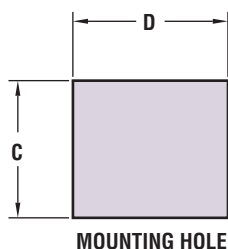
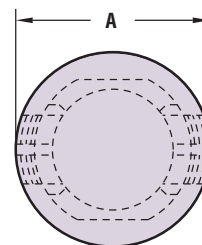
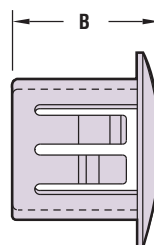
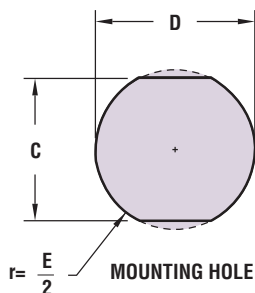
- Closes unused strain relief mounting holes or Double "D" holes punched or molded with two opposing flats.
- Convex, matte finish head tapers to a thin edge.
- Locks firmly in panels up to .125" (3,2 mm) thick.
- Quick and easy installation.
- If using our rectangular plug #1890 to fill unneeded square Lockit™ Strain Relief mounting holes.

PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		D Long Axis		C Short Axis				A Head Dimension		B Overall Height	
in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.
.125	3,2	.437	11,1	.390	9,9	2488	DD-437-390	.531	13,5	.406	10,3
.125	3,2	.500	12,7	.445	11,3	2491	DD-500-445	.578	14,7	.406	10,3
.125	3,2	.562	14,3	.530	13,5	2494	DD-562-530	.656	16,7	.406	10,3
.125	3,2	.625	15,9	.550	14,0	2497	DD-625-550	.718	18,2	.406	10,3
.125	3,2	.750	19,0	.625	15,9	2503	DD-750-625	.921	23,4	.406	10,3
.125	3,2	.875	22,2	.770	19,6	2509	DD-875-770	1.016	25,8	.453	11,5
.099	2,5	.512	13,0	.453	11,5	1890	RP-115-130*	.580	14,7	.403	10,2

Standard color black. Consult Heyco for white and other colors.

*Rectangular plug to fill unneeded Lockit Strain Relief Mounting holes/not UL or CSA.

Locking finger steps designed in fractional increments.



1890

Quick Specs

Material 6/6 Nylon
 Certifications Recognized under the Component Program of Underwriters' Laboratories File E15331
 Certified by the Canadian Standards Association File LR8919
 Flammability Rating 94V-2
 Material Temperature Index 257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

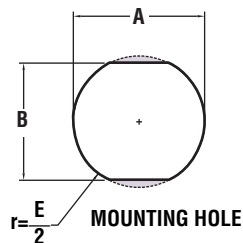


Heyco® Strain Relief Mounting Hole Punches



Maximum Gage for Mild Steel	PANEL DIMENSIONS				PART NO.	DESCRIPTION	DRAW STUD
	A Mounting Hole Dia.		B To Prevent Rotation				
	in.	mm.	in.	mm.			
18 ga.	.375	9,5	.330	8,4	1333	SRP 375-330	.250
			.345	8,8	1334	SRP 375-345	
18 ga.	.437	11,1	.390	9,9	1335	SRP 437-390	.250
			.450	11,4	1337	SRP 500-450	
14 ga.	.500	12,7	.460	11,7	1339	SRP 500-460	.312
			.465	11,8	1340	SRP 500-465	
12 ga.	.562	14,3	.530	13,5	1341	SRP 562-530	.375
			.625	15,9	1342	SRP 625-550	
12 ga.	.750	19,0	.660	16,8	1344	SRP 750-660	.437
			.770	19,6	1345	SRP 875-770	
12 ga.	.875	22,2	.840	21,3	1346	SRP 875-840	.437

- Punches Strain Relief mounting holes.
- Double "D" configuration protects your strain relief and cable assembly from the forces of twist.
- Quick and easy operation.
- Unique design prevents metal distortion during punching operation.
- Allows for the punching of mild steel, aluminum, fiberglass, and plastic.
- Wrench operated.
- Consult Heyco for additional sizes.



Operating Instructions for Heyco® Strain Relief Mounting Hole Punches

- Drill hole in panel one size larger than the stud of the punch.
- Disassemble punch and insert stud through hole.
- Install die and backing plate onto shaft then bearing and nut.
- Line up punch shaft to desired position and turn nut until punch goes through the metal.
- Disassemble nut bearing and backing plate and remove the slug from the die.
- Repeat process on next hole.
- ALWAYS REMOVE SLUG AFTER PUNCHING!



Part No. 0020

Heyco® Strain Relief Assembly Tools

For Nylon Strain Relief Bushings

Part No. 0022 (R-29) Hand Pliers adjustable for all Heyco Strain Relief Bushings (except SR 3A-4 and SR 4A-6) that assemble into holes up to 7/8" (22,2 mm) diameter.

Part No. 0030 (R-30) Hand Pliers for use with Heyco Strain Relief Bushings that assemble into 3/4" (19,1 mm) and larger diameter holes. Pliers are adjustable.

Part No. 0021 (R-291) Hand pliers for SR 3A-4 and SR 4A-6 only.

Part No. 0028 (R-301) Hand pliers for SR 7N-2 and SR 8N-2 only.

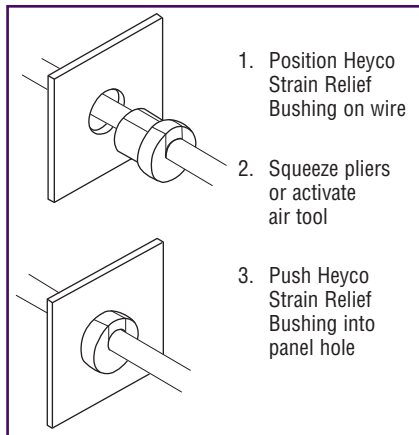
Part No. 0T02 Conversion Kit provides the necessary components to convert a hand air tool to a bench mounted unit. The bench air tool can be mounted in any convenient position on the assembly area work surface. Unit is foot activated, leaving the operator's hands free.



Part Nos. 0022 and 0030



Hand Air Tool-HAT Series



For Metal Strain Reliefs

Part No. 0018 (1-AB) Hand Pliers for Metal Strain Reliefs MSR-1A, MSR-1B, and MSR-2A.

Part No. 0019 (R-12) Hand Pliers for Metal Strain Reliefs MSR-1, MSR-2, and MSR-3.

Part No. 0020 (R100 Pliers) Hand Pliers designed specifically for Lockit™ Strain Relief Bushings (excluding ST201N). Consult Heyco for semi-automatic assembly equipment.

Also available:

Part No. 0023 (R100W pliers)

Part No. 0025 (R100A/AT pliers)

Part No. 0028 (R301 pliers)



Heyco® Air Tool, Air Tool Jaws & Replacement Parts

Air Tool and Air Tool Jaws Directory



PANEL HOLE DIAMETER		FOR STRAIN RELIEF BUSHINGS	AIR TOOL PART NO. INCLUDING JAWS	JAW PART NO. *	
in.	mm.			Upper	Lower
.375	9,5	2L-1, 2M-1, 2P-4, 2P-5	0171	OT47	OT48
.437	11,1	3A-4	0173	OT49	OT50
		3L-1, 3P-4, 3P-5, 3W-1, 13-1	0175	OT51	OT52
.500	12,7	4A-6	0177	OT53	OT54
		4K-1, 4K-4, 4K-6, 4L-1, 4L-4, 4N-4, 4N-5, 4N-6, 4N-7, 4P-4, 5L-1, 5M-3, 5MN-3, 5N-4, 5N-5, 5N-7, 5P-4, 5P-7, 5P3-4, 5S-1, 6W-1, 14-1, 15-1		0179	OT55
.562	14,3	5K-4, 5KN-4, 5W-1, 16-1	0181	OT59	OT60
.625	15,9	6K-5, 6L-1, 6N-4, 6N-7, 6N3-4, 6N3-5, 6N3-7, 6P-4, 6P-5, 6P-7, 6P2-5, 6P3-4, 6P3-7, 6P10, 6P30, 6S-1, 6S-2, 10-2, 11-2, 11K-2	0183	OT61	OT62
		7N-2	0185	OT63¹	OT64²
.750	19,0	7P-2, 7P-7, 17-2	0187	OT65¹	OT66²
		7K-2, 7L-2, 7W-2, 8L-1, 8P-2, 24-1, 31-2, 34-2	0189	OT67¹	OT68²
.875	22,2	8N-2	0193	OT71¹	OT72²
		300-1, 302-1	0191	OT69	OT70
.375x.625	9,5x15,9	20-1, 20L-1, 30-1	0195	OT73	OT74
.560 x .730	14,2 x 18,5	23-1, 33-1	0197	OT75	OT76²

Ordering Procedure for Air Tools:

- On the tabular chart, locate the panel hole diameter and strain relief bushing that you are using.
- The required Air Tool is listed on the same line.

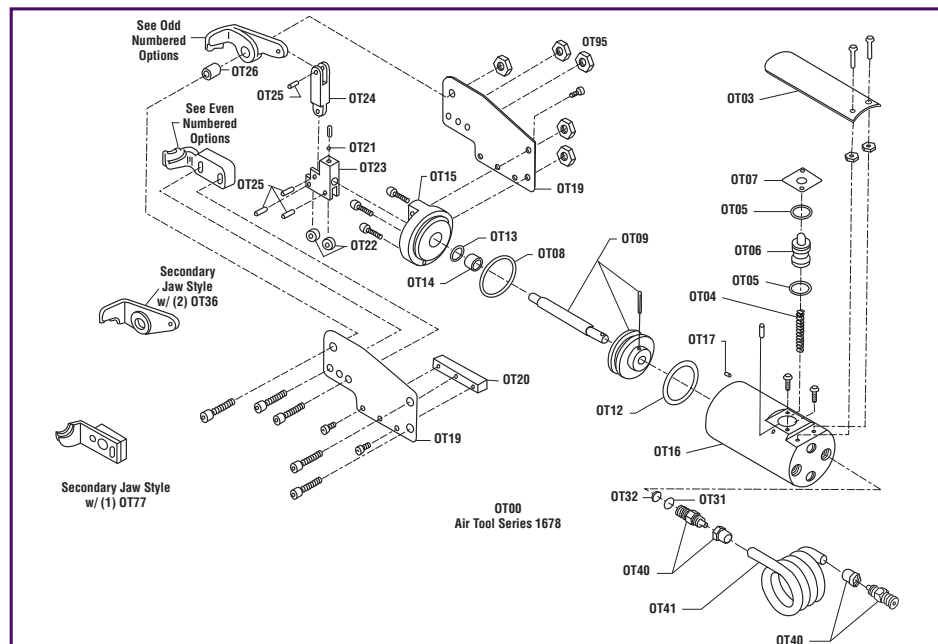
¹Secondary (upper) Jaw style. When ordering additional spacer may be required (P/N OT36[2]).

²Secondary (lower) Jaw style. When ordering additional spacer may be required (P/N OT77[1]).

*Jaw part number if purchased separately.

See drawing below.

Air Tool Replacement Parts





Heyco® Zinc Die-Cast Box Connectors

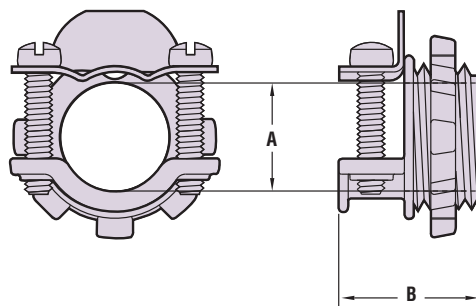
Clamp-Type Connector

Part No. 3043 (751) commonly known as a "Romex Connector".

- For single or multiple flexible cord applications, first determine cord diameter, then refer to the "A" columns in the tabular chart.
- Listed under Underwriters' Laboratories File E103540.
- Certified by Canadian Standards Association File LR18130.

TRADE SIZE	NOMINAL MOUNTING HOLE DIAMETER		WILL FIT THESE CABLES*			PART NO.	DESCRIPTION	PART DIMENSIONS					
	in.	mm.	Flexible Metallic Conduit	Armored **	Non-Metallic Sheathed			A Minimum Wire		A Maximum Wire		B Overall Length	
								in.	mm.	in.	mm.	in.	mm.
3/8**	.875	22,2	—	14/2, 14/3, 12/2, 12/3, 10/2, 10/3	14/2, 14/3, 12/2, 12/3, 10/2, 10/3	3043	751	.18	4,6	.64	16,3	.81	20,6

*Gauge/Conductors, except FMC.
**1/2" K.O.



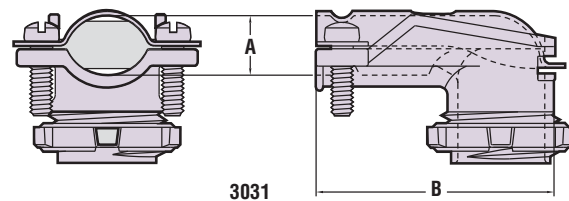
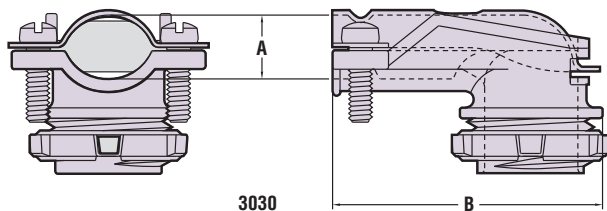
90° Angle Connectors

Part Nos. 3030 (561), and **3031** (563) are also UL Listed for flexible cords.

- To specify the correct fitting for a flexible cord, first determine cord diameter, then refer to the "A" columns in the tabular chart.
- Certified by Canadian Standards Association File LR18130.

TRADE SIZE	NOMINAL MOUNTING HOLE DIAMETER		WILL FIT THESE CABLES*			PART NO.	DESCRIPTION	PART DIMENSIONS					
	in.	mm.	Flexible Metallic Conduit	Armored **	Non-Metallic Sheathed			A Minimum Wire		A Maximum Wire		B Overall Length	
								in.	mm.	in.	mm.	in.	mm.
3/8**	.875	22,2	3/8	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 8/1, 6/1, 4/1	—	3030	561	.40	10,2	.63	16,0	1.81	46,0
1/2	.875	22,2	1/2	8/2	—	3031	563	.65	16,5	.97	24,6	2.18	55,4

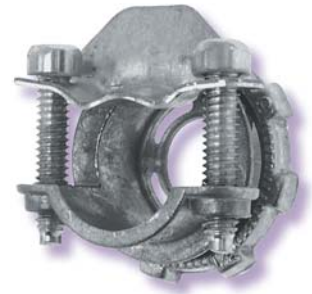
*Gauge/Conductors, except FMC.
**1/2" K.O.





Heyco® Zinc Die-Cast Box Connectors

Combination Connector

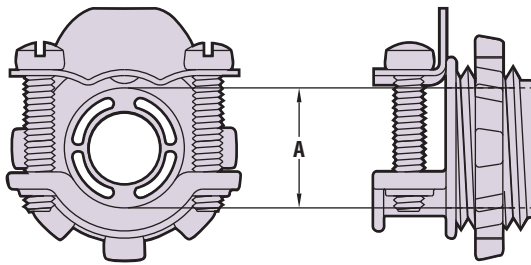


TRADE SIZE	NOMINAL MOUNTING HOLE DIAMETER in. mm.		WILL FIT THESE CABLES*			PART NO.	DESCRIPTION	PART DIMENSIONS					
			Flexible Metallic Conduit	Armored **	Non-Metallic Sheathed			A		B			
								Minimum Wire	Maximum Wire	Overall Length			
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.				
3/8 **	.875	22,2	3/8	14/2, 14/3, 14/4 12/2, 12/3, 12/4	14/2, 14/3, 12/2, 12/3	3029	551	.18	4,6	.63	16,0	.92	23,4

* Gauge/Conductors, except FMC.

**1/2" K.O.

- Also fits corrugated MC at .510" (13,0 mm) diameter, smooth MC at .345" (8,8 mm) to .525" (13,3 mm) diameter.
- Listed under Underwriters' Laboratories File 103540.
- Certified by Canadian Standards Association File LR18130.

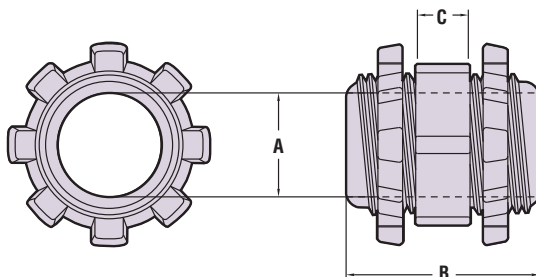


Box Spacer

TRADE SIZE	NOMINAL MOUNTING HOLE DIAMETER in. mm.		PART NO.	DESCRIPTION	PART DIMENSIONS					
					A		B		C	
					in.	mm.	in.	mm.	in.	mm.
1/2	.875	22,2	9840	SP1	.60	15,2	1.12	28,4	.28	7,1



- Provides a connecting link between boxes, panels or chassis.
- Space boxes 5/16" (7,9 mm) apart.
- Die-cast locknut included.
- Certified by Canadian Standards Association File LR72095.





Heyco® Strain Relief Bushings LabKit #1 (Part No. 1999)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco Kits contain an assortment of our most popular Strain Relief Bushings.
- Heyco also offers lab kits for Liquid Tight Cordgrips (2-20), Bushings (4-23), Plugs (5-19), Cable and Hose Clamps (6-24), and Wire Connectors (7-23).

Heyco Products has the solution to your design challenges!

How to Choose a Strain Relief:

To pick a strain relief and get the best fit, ask yourself 4 questions:

1. What is my wire diameter or dimensions?
2. What is my panel thickness?
3. Do I already have a mounting hole and what are the dimensions?
4. Do I need a straight fitting, flex protection, a 90° bend or international approval?

And don't forget!

Heyco's Customer Service Representatives have undergone extensive product training. They can help you pick just the right Heyco solution. Call us at 1-800-526-4182.



Heyco®
Snap
Bushings
4-1
4-2



Heyco®
Metric Snap
Bushings
4-3



Heyco®
Thick Panel
Snap
Bushings
4-4



Heyco®
Snub Bushings
& Heyco®
Shorty Bushings
4-5, 4-6



Heyco®
Universal
Bushings &
Heyco®
Shorty Universal
Bushings
4-7



Heyco®
Thick Panel
Universal
Bushings
4-8



Heyco®
Open/Closed
Universal
Bushings
4-9



Heyco®
Open/Closed
Bushings
4-10



Heyco®
Armor
Bushings
4-11

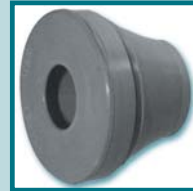


Heyco®
Threaded &
Double
Insulated
Bushings
4-12



NEW!

Heyco®
Rubber
Grommets
4-13, 4-14,
4-15, 4-16



Heyco®
Snap-In
PG & Metric
Liquid Tight
Bushings
4-17



NEW!

Heyco®
Rubber
Push-In
Bumpers
4-18



Heyco®
Polyurethane
Adhesive
Backed
Bumpers
Hemispherical
4-19



Heyco®
Polyurethane
Adhesive Backed
Bumpers
Cylindrical
4-20



Heyco®
Feets of
Strength
FDS-Feet w/
Drive Pin
4-21



Heyco®
Feets of
Strength
FSS-Feet w/
Slotted Screw
Rivet
4-21



Heyco®
Feets of
Strength
FSR-Feet w/
Push Rivet
4-22



Heyco®
Bushings
LabKit #2
4-23

HEYCO® Bushings, Grommets, Bumpers, & Feet



Heyco® Snap Bushings

Mounting Diameter: 0.250" to 0.750"

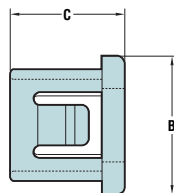
- Converts raw-edged holes to smooth, neat, insulated holes.
- Locking fingers snap into holes with fingertip pressure.
- Withstands a push back force of 35 pounds.
- Insulates and mechanically protects electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Available in multiple sizes for use in .250" (6,4 mm) to 6.00" (152,4 mm) diameter holes.
- We offer the following brass-colored parts for lamp and lighting applications (Please consult Heyco for lead times):
 Part No. 2012, SB 312-3 Brass
 Part No. 2033, SB 375-4 Brass
 Part No. 2041, SB 437-4 Brass

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS					
Maximum Thickness	Mounting Hole Diameter			Black	White		A Inside Diameter		B Head Diameter		C Overall Height	
	in.	mm.	in.				mm.	in.	mm.	in.	mm.	in.
.040	1,0	.250	6,4	2003*	2004*	SB 250-040	.125	3,2	.312	7,9	.312	7,9
.062	1,6	.250	6,4	2000*	2001*	SB 250-2	.125	3,2	.312	7,9	.312	7,9
.062	1,6	.312	7,9	2010*	2011*	SB 312-3	.187	4,8	.375	9,5	.312	7,9
.125	3,2	.375	9,5	2020	2021	SB 375-3	.187	4,8	.468	11,9	.406	10,3
.125	3,2	.375	9,5	2030	2031	SB 375-4	.250	6,4	.468	11,9	.406	10,3
.172	4,4	.375	9,5	2017*	2018*	SB 375-281	.281	7,1	.468	11,9	.406	10,3
.125	3,2	.437	11,1	2038	2039	SB 437-4	.270	6,8	.531	13,5	.406	10,3
.125	3,2	.437	11,1	2043	2044	SB 437-5	.312	7,9	.531	13,5	.406	10,3
.125	3,2	.437	11,1	2042	2037	SB 437-243	.243	6,2	.531	13,5	.406	10,3
.125	3,2	.500	12,7	2058	2059	SB 500-4	.250	6,4	.570	14,5	.406	10,3
.125	3,2	.500	12,7	2049	2050	SB 500-5	.312	7,9	.570	14,5	.406	10,3
.125	3,2	.500	12,7	2053	2054	SB 500-6	.391	9,9	.570	14,5	.406	10,3
.125	3,2	.562	14,3	2060	2061	SB 562-5	.312	7,9	.656	16,7	.406	10,3
.125	3,2	.562	14,3	2063	2064	SB 562-6	.391	9,9	.656	16,7	.406	10,3
.125	3,2	.562	14,3	2066	2067	SB 562-7	.437	11,1	.656	16,7	.406	10,3
.125	3,2	.625	15,9	2075	2078	SB 625-4	.250	6,4	.718	18,2	.406	10,3
.125	3,2	.625	15,9	2070	2071	SB 625-7	.437	11,1	.718	18,2	.406	10,3
.125	3,2	.625	15,9	2073	2074	SB 625-8	.500	12,7	.718	18,2	.406	10,3
.250	7,1	.625	15,9	2830*	2831*	SB 625-500	.500	12,7	.703	17,9	.531	13,5
.125	3,2	.687	17,4	2083	2084	SB 687-8	.500	12,7	.781	19,8	.406	10,3
.125	3,2	.687	17,4	2086	2087	SB 687-9	.562	14,3	.781	19,8	.406	10,3
.125	3,2	.750	19,1	2090	2091	SB 750-6	.391	9,9	.843	21,4	.406	10,3
.125	3,2	.750	19,1	2092	2099	SB 750-8	.500	12,7	.843	21,4	.406	10,3
.125	3,2	.750	19,1	2093	2094	SB 750-9	.562	14,3	.843	21,4	.406	10,3
.125	3,2	.750	19,1	2096	2097	SB 750-10	.609	15,5	.843	21,4	.406	10,3
.250	6,4	.750	19,1	2840*	2841*	SB 750-625	.625	15,9	.828	21,0	.531	13,5

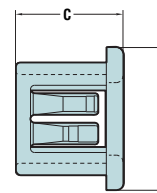
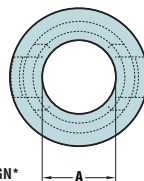
Standard color black. Consult Heyco for white and other colors.

*Depicts single panel design.

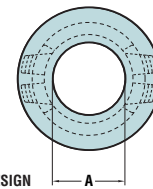
Locking fingers in fractional increment up to the maximum panel thickness.



SINGLE PANEL DESIGN*



MULTIPLE PANEL DESIGN



Quick Specs

Material
Certifications

6/6 Nylon
Recognized under the Component Program of Underwriters' Laboratories, File E15331

CS Certified by Canadian Standards Association, File LR8919

Flammability Rating

94V-2

Material Temperature Index

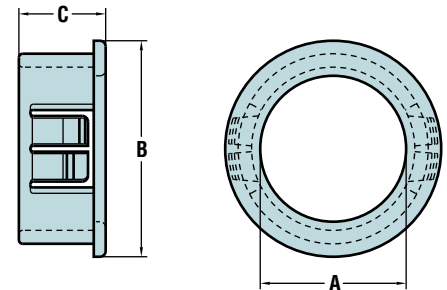
257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



Heyco® Snap Bushings

Mounting Diameter: 0.812" to 6.000"

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter		Black	White		A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.125	3,2	.812	20,6	2100	2101	SB 812-9	.562	14,3	.890	22,6	.406	10,3
.125	3,2	.812	20,6	2103	2104	SB 812-10	.625	15,9	.890	22,6	.406	10,3
.125	3,2	.875	22,2	2110	2111	SB 875-6	.375	9,5	.953	24,2	.453	11,5
.125	3,2	.875	22,2	2113	2114	SB 875-7	.437	11,1	.953	24,2	.453	11,5
.125	3,2	.875	22,2	2116	2117	SB 875-8	.500	12,7	.953	24,2	.453	11,5
.125	3,2	.875	22,2	2120	2121	SB 875-9	.562	14,3	.953	24,2	.453	11,5
.125	3,2	.875	22,2	2123	2124	SB 875-10	.625	15,9	.953	24,2	.453	11,5
.125	3,2	.875	22,2	2126	2127	SB 875-11	.687	17,5	.953	24,2	.453	11,5
.125	3,2	1.000	25,4	2140	2141	SB 1000-12	.766	19,4	1.125	28,6	.453	11,5
.125	3,2	1.093-1.125	27,8-28,6	2160	2161	SB 1093-13	.812	20,6	1.218	30,9	.453	11,5
.125	3,2	1.093-1.125	27,8-28,6	2163	2164	SB 1093-14	.875	22,2	1.218	30,9	.453	11,5
.125	3,2	1.093-1.125	27,8-28,6	2166	2167	SB 1093-15	.937	23,8	1.218	30,9	.453	11,5
.125	3,2	1.187	30,2	2182	2183	SB 1187-15	.937	23,8	1.312	33,3	.453	11,5
.125	3,2	1.250	31,8	2198	2199	SB 1250-15	.937	23,8	1.359	34,5	.453	11,5
.125	3,2	1.250	31,8	2201	2202	SB 1250-16	1.000	25,4	1.310	33,2	.453	11,5
.125	3,2	1.375	34,9	2207	2208	SB 1375-14	.875	22,2	1.490	37,3	.453	11,5
.125	3,2	1.375	34,9	2210	2211	SB 1375-16	1.000	25,4	1.490	37,3	.453	11,5
.125	3,2	1.500	38,1	2233	2234	SB 1500-17	1.062	27,0	1.609	40,9	.453	11,5
.125	3,2	1.500	38,1	2236	2237	SB 1500-18	1.125	28,6	1.609	40,9	.453	11,5
.125	3,2	1.500	38,1	2240	2241	SB 1500-21	1.312	33,3	1.609	40,9	.453	11,5
.125	3,2	1.750	44,5	2300	2301	SB 1750-22	1.375	34,9	1.875	47,6	.453	11,5
.125	3,2	2.000	50,8	2400	2401	SB 2000-26	1.640	41,6	2.125	54,0	.453	11,5
.125	3,2	2.000	50,8	2406	—	SB 2000-28	1.750	44,5	2.125	54,0	.453	11,5
.250	6,4	2.093	53,1	2415	2416	SB 2.093-29	1.813	46,0	2.350	59,7	.720	18,3
.250	6,4	2.250	57,2	2417	2418	SB 2.250-29	1.860	47,1	2.480	63,1	.720	18,3
.250	6,4	2.500	63,5	2420	2421	SB 2.500-31	1.970	50,0	2.660	67,5	.720	18,3
.250	6,4	3.000	76,2	2461	2462	SB 3.000-39	2.470	62,7	3.160	80,2	.720	18,3
.250	6,4	3.375	85,7	2407	2408	SB 3.375-45	2.812	71,4	3.660	92,9	.720	18,3
.250	6,4	3.500	88,9	2470	2471	SB 3.500-47	2.940	74,7	3.660	93,0	.720	18,3
.250	6,4	4.000	101,6	2479	2480	SB 4.000-55	3.470	88,1	4.150	105,4	.720	18,3
.250	6,4	5.000	127,0	2409	2410	SB 5.000-70	4.375	113,8	5.219	132,6	.740	18,8
.250	6,4	6.000	152,4	2484	2485	SB 6.000-86	5.375	139,2	6.219	157,9	.740	18,8



Standard color black. Consult Heyco for white and other colors.
Locking fingers in fractional increments up to the maximum panel thickness.

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331
	Certified by Canadian Standards Association, File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs

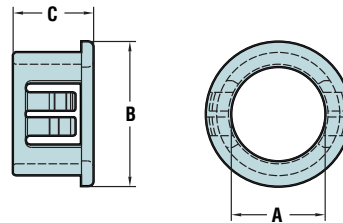


Heyco® Metric Snap Bushings

- Converts raw-edged holes to smooth ones.
- Locking fingers snap into holes with fingertip pressure.
- Withstands a push back force of 35 pounds.
- Multiple sizes for use in .630" (16,0 mm) to 1.260" (32,0 mm) diameter holes. For other metric sizes, consult Heyco.
- Locks firmly into panel up to .098" (2,5 mm) thick.
- Same design as Heyco Snap Bushings but designed for metric sized mounting holes.

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter				A	B		C		
in.	mm.	in.	mm.	Black	Inside Diameter	Head Diameter	Overall Height	in.	mm.	in.	mm.
.098	2,5	.630	16,0	2142	MSB 16-12	.472	12,0	.728	18,5	.406	10,3
.098	2,5	.787	20,0	2144	MSB 20-16	.630	16,0	.890	22,6	.406	10,3
.098	2,5	.984	25,0	2146	MSB 25-19	.748	19,0	1.094	27,8	.453	11,5
.098	2,5	1.260	32,0	2148	MSB 32-26	1.023	26,0	1.375	34,9	.453	11,5

Standard color black. Consult Heyco for white and other colors.



Quick Specs

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	SP Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

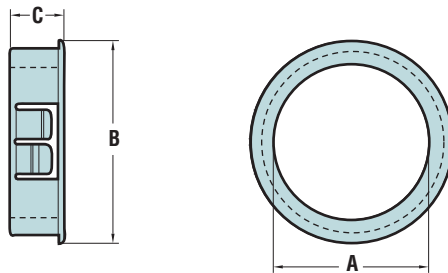


Heyco® Thick Panel Snap Bushings

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness	Mounting Hole Diameter		Black			A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	in.	mm.								
.250	6,4	.500	12,7	3126	SBT-500-6	.391	9,9	.578	14,7	.562	14,3
.250	6,4	.875	22,2	3104	SBT-875-11	.687	17,5	.953	24,2	.562	14,3
.250	6,4	1.000	25,4	3108	SBT-1000-12	.766	19,4	1.125	28,6	.562	14,3
.250	6,4	1.093-1.125	27,8-28,6	3128	SBT-1093-15	.937	23,8	1.218	30,9	.562	14,3
.250	6,4	1.187	30,2	3130	SBT-1187-15	.937	23,8	1.312	33,3	.562	14,3
.250	6,4	1.250	31,8	3132	SBT-1250-16	1.000	25,4	1.310	33,2	.562	14,3
.250	6,4	1.375	34,9	3110	SBT-1375-16	1.000	25,4	1.500	38,1	.562	14,3
.250	6,4	1.500	38,1	3112	SBT-1500-21	1.312	33,3	1.620	41,2	.562	14,3
.250	6,4	1.750	44,5	3114	SBT-1750-22	1.375	34,9	1.875	47,6	.562	14,3
.250	6,4	2.000	50,8	3116	SBT-2000-26	1.625	41,3	2.125	54,0	.562	14,3

Standard color black. Consult Heyco for white and other colors.
 Locking fingers in fractional increments up to the maximum panel thickness.

- For use in mounting panels up to 1/4" thick
- Converts raw-edged holes to smooth, neat, insulated holes.
- Locking fingers snap into holes with fingertip pressure.
- Withstands a push back force of greater than 35 pounds.
- Insulates and mechanically protects electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Available in multiple sizes for use in .500" (12,7 mm) to 2.000" (50,8 mm) diameter holes.



Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331 Certified by Canadian Standards Association, File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs

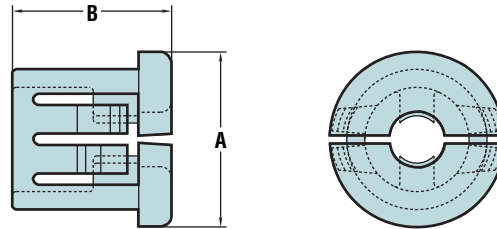


Heyco® Snub Bushings

- Provides insulation plus light strain relief.
- Suitable for 1/8" (3,2 mm) to 1/4" (6,4 mm) diameter cable, tubing or hose.
- The ID opens to accept the cable then closes firmly when installed into the mounting hole.

PANEL DIMENSIONS				APPROXIMATE CABLE DIAMETER ACCOMMODATED		PART NO.	DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter						A Head Diameter		B Overall Height	
in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.
.125	3,2	.375	9,5	1/8	3,2	2034	K 375-125	.46	11,7	.42	10,7
.125	3,2	.437	11,1	3/16	4,8	2047	K 437-187	.47	11,9	.44	11,2
.125	3,2	.500	12,7	1/4	6,4	2057	K 500-250	.56	14,2	.44	11,2

Standard color black. Consult Heyco for white and other colors.



Quick Specs

Material Certifications



6/6 Nylon
Recognized under the Component Program of Underwriters' Laboratories, File E15331



Certified by Canadian Standards Association, File LR8919

Flammability Rating

94V-2

Material Temperature Index

257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

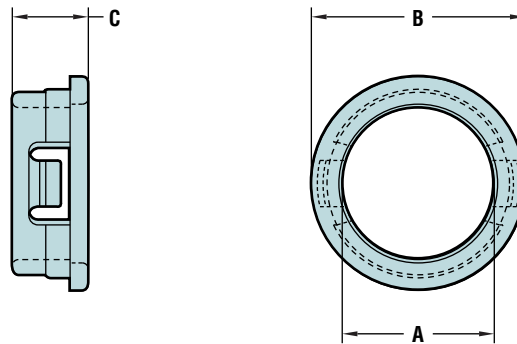


Heyco® Shorty Bushings

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter		Black	White		A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	
.062	1,6	.187	4,7	2800	2801	B 187-125	.125	3,2	.250	6,4	.237	6,0
.062	1,6	.218	5,5	2859	2860	B 218-125	.125	3,2	.281	7,1	.237	6,0
.062	1,6	.281	7,1	2853	2854	B 281-218	.218	5,5	.343	8,7	.237	6,0
.062	1,6	.312	7,9	2810	2811	B 312-250	.250	6,3	.375	9,5	.237	6,0
.062	1,6	.343	8,7	2856	2857	B 343-218	.218	5,5	.406	10,3	.250	6,4
.062	1,6	.375	9,5	2803	2804	B 375-250	.250	6,3	.437	11,1	.250	6,4
.062	1,6	.406	10,3	2806	2807	B 406-281	.281	7,1	.468	11,9	.250	6,4
.062	1,6	.437	11,1	2813	2814	B 437-312	.312	7,9	.500	12,7	.250	6,4
.062	1,6	.468	11,9	2817	2818	B 468-343	.343	8,6	.53	13,5	.250	6,4
.062	1,6	.500	12,7	2820	2821	B 500-375	.375	9,5	.562	14,3	.250	6,4
.062	1,6	.531	13,5	2824	2825	B 531-406	.406	10,3	.593	15,1	.250	6,4
.062	1,6	.593	15,1	2833	2834	B 593-468	.468	11,9	.656	16,7	.250	6,4
.062	1,6	.625	15,9	2827	2828	B 625-500	.500	12,7	.703	17,9	.250	6,4
.062	1,6	.750	19,1	2836	2837	B 750-625	.625	15,9	.828	21,0	.250	6,4
.062	1,6	.781	19,8	2844	2845	B 781-625	.625	15,9	.859	21,8	.250	6,4
.062	1,6	.875	22,2	2850	2851	B 875-750	.750	19,0	.937	23,8	.250	6,4
.062	1,6	1.000	25,4	2847	2848	B 1000-875	.879	22,3	1.06	27,0	.250	6,4
.062	1,6	1.093	27,8	2838	2839	B 1093-969	.969	24,6	1.156	29,4	.255	6,5

Standard color black. Consult Heyco for white and other colors.
Locking fingers in fractional increments up to the maximum panel thickness.

- Available in multiple sizes for use in mounting holes from .187" (4,7 mm) to 1.093" (27,8 mm).
- Insulating feed-thru bushings for limited internal clearance (minimum .125" or 3,2 mm) applications.
- Insulates and isolates electric or telecommunications cables as well as low RPM shafts and push-pull rods.
- Locking fingers hold securely after only fingertip pressure snap-in installation.



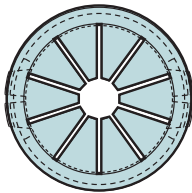
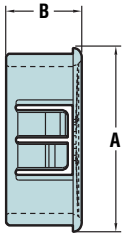
Material 6/6 Nylon
 Certifications Recognized under the Component Program of Underwriters' Laboratories, File E15331
 Certified by Canadian Standards Association, File LR8919
 Flammability Rating 94V-2
 Material Temperature Index 257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco® Universal Bushings

- Flexible shutters adjust to accommodate and support any shape from .125" (3,2 mm) to a maximum diameter of 2.470" (62,7 mm).
- Absorbs vibration and cushions and insulates cables, tubing, hoses or shafts with limited internal clearance.
- Fingertip pressure snap-locks the bushing into its mounting hole.
- See Quick Specs on 4-8.



NEW!

NEW!

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS						
Maximum Thickness		Mounting Hole Diameter				Black	Maximum Inside Diameter		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.125	3,2	.500	12,7	2055	UB-500	.312	7,6	.600	15,2	.385	9,8	
.125	3,2	.625	15,9	2077	UB-625	.437	11,1	.718	18,3	.406	10,3	
.125	3,2	.750	19,1	2089	UB-750	.500	12,7	.844	21,4	.390	9,9	
.125	3,2	.812	20,6	2106	UB-812	.500	12,7	.890	22,6	.390	9,9	
.125	3,2	.875	22,2	2119	UB-875	.562	14,3	.937	23,8	.453	11,5	
.125	3,2	1.000	25,4	2137	UB-1000	.750	19,1	1.063	27,0	.453	11,5	
.125	3,2	1.093	27,8	2157	UB-1093	.812	20,6	1.160	29,5	.453	11,5	
.125	3,2	1.187	30,2	2153	UB-1187	.950	24,1	1.250	31,8	.453	11,5	
.125	3,2	1.250	31,8	2155	UB-1250	1.015	25,8	1.314	33,4	.453	11,5	
.125	3,2	1.375	34,9	2184	UB-1375	1.000	25,4	1.490	37,8	.453	11,5	
.125	3,2	1.500	38,1	2213	UB-1500	1.062	26,9	1.610	40,9	.450	11,4	
.125	3,2	1.750	44,5	2298	UB-1750	1.375	34,9	1.870	47,5	.465	11,8	
.125	3,2	2.000	50,8	2422	UB-2000	1.640	41,6	2.130	54,0	.490	12,4	
.250	6,35	2.500	63,5	2440	UB-2.500	1.970	50,0	2.660	67,6	.750	19,05	
.250	6,35	3.000	76,2	2460	UB-3.000	2.470	62,7	3.160	80,3	.750	19,05	

Standard color black. Consult Heyco for white and other colors.
Locking fingers in fractional increments up to maximum panel thickness.



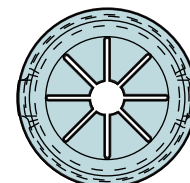
Heyco® Shorty Universal Bushings

- Absorbs vibration and cushions and insulates cables, tubing, hoses or shafts with limited internal clearance.
- Fingertip pressure snap-locks the bushing into its mounting hole.
- Flexible shutters adjust to accommodate and support any shape from .125" (3,2 mm) to a maximum diameter of .820" (27,8 mm).
- See Quick Specs on 4-8.

NEW!

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS						
Maximum Thickness		Mounting Hole Diameter				Black	Maximum Inside Diameter		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.062	1,6	.500	12,7	2858	SUB 500	.312	7,6	.600	15,2	.250	6,4	
.062	1,6	.625	15,9	2861	SUB 625	.437	11,1	.729	18,5	.250	6,4	
.062	1,6	.750	19,1	2862	SUB 750	.500	12,7	.859	21,8	.250	6,4	
.062	1,6	.875	22,2	2863	SUB 875	.560	14,2	.937	23,8	.250	6,4	
.062	1,6	1.000	25,4	2864	SUB 1000	.750	19,0	1.063	27,0	.250	6,4	
.062	1,6	1.093	27,8	2158	SUB 1093	.820	27,8	1.156	29,4	.250	6,4	

Standard color black. Consult Heyco for white and other colors.





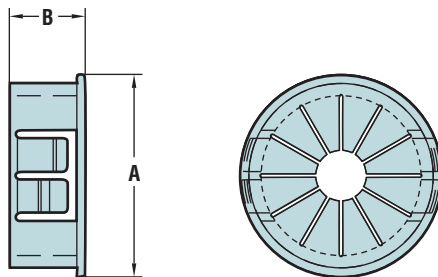
Heyco® Thick Panel Universal Bushings



PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness in.	Maximum Thickness mm.	Mounting Hole Diameter in.	Mounting Hole Diameter mm.			Black	Max. Inside Diameter	A Head Diameter	B Overall Height		
.250	6,4	.500	12,7	3001	UBT-500	.312	7,6	.600	15,2	.545	13,8
.250	6,4	.625	15,9	3118	UBT-625	.437	11,1	.718	18,3	.550	14,0
.250	6,4	.750	19,0	3119	UBT-750	.500	12,7	.844	21,4	.550	14,0
.250	6,4	.875	22,2	3120	UBT-875	.562	14,3	.937	23,8	.550	14,0
.250	6,4	1.000	25,4	3121	UBT-1000	.750	19,0	1.063	27,0	.550	14,0
.250	6,4	1.093	27,8	3002	UBT-1093	.812	20,6	1.156	29,4	.550	14,0
.250	6,4	1.375	34,9	3003	UBT-1375	1.000	25,4	1.490	37,8	.562	14,3
.250	6,4	1.500	38,1	3122	UBT-1500	1.062	26,9	1.610	40,9	.562	14,3

Standard color black. Consult Heyco for white and other colors.
Locking fingers in fractional increments up to the maximum panel thickness.

- For use in mounting panels up to .25" thick.
- Converts raw-edged holes to smooth, neat, insulated holes.
- Flexible shutters to absorb vibration on the inside diameter.
- Locking fingers snap into holes with fingertip pressure.
- Withstands a push back force of 35 pounds.
- Insulates and mechanically protects electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Available in multiple sizes for use in .500" (12,7 mm) to 1.500" (38,1 mm) diameter holes.



Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331 Certified by Canadian Standards Association, File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs

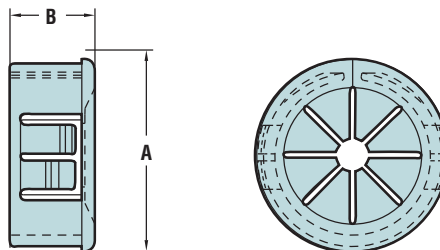


Heyco® Open/Closed Universal Bushings

- Split design allows side entry and encirclement of preassembled harnesses, power cords, capillary tubes or other assemblies that have segments larger than the bushing's ID.
- Parts can be assembled into holes that already contain cables or tubing.
- Only fingertip pressure required to snap-lock the bushing into its mounting hole.
- Flexible shutters adjust to accommodate and support any shape from .125" to a maximum diameter of 1.062".
- Absorbs vibration, cushions and insulates cables, tubing, hoses or shafts with limited internal clearance.
- Available in multiple sizes for use in .500" (12,7 mm) to 1.500" (38,1 mm) diameter holes.

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness in.	Maximum Thickness mm.	Mounting Hole Diameter in.	Mounting Hole Diameter mm.			Black	Max. Inside Diameter	A Head Diameter		B Overall Height	
.125	3,2	.500	12,7	2055SP	OCUB-500	.312	7,6	.562	14,3	.385	9,8
.125	3,2	.625	15,9	2077SP	OCUB-625	.437	11,1	.718	18,2	.406	10,3
.125	3,2	.750	19,0	2089SP	OCUB-750	.500	12,7	.812	20,6	.406	10,3
.125	3,2	.875	22,2	2119SP	OCUB-875	.562	14,3	.921	23,4	.406	10,3
.125	3,2	1.000	25,4	2137SP	OCUB-1000	.750	19,0	1.062	27,0	.406	10,3
.125	3,2	1.093	27,8	2157SP	OCUB-1093	.812	20,6	1.187	30,2	.406	10,3
.125	3,2	1.250	31,8	2196SP	OCUB-1250	.937	23,8	1.468	37,3	.406	10,3
.125	3,2	1.375	34,9	2184SP	OCUB-1375	1.000	25,4	1.468	37,3	.406	10,3
.125	3,2	1.500	38,1	2213SP	OCUB-1500	1.062	26,9	1.578	40,1	.421	10,7

Standard color black. Consult Heyco for white and other colors.
Locking fingers in fractional increments up to the maximum panel thickness.



Quick Specs

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331 Certified by the Canadian Standards Association, File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

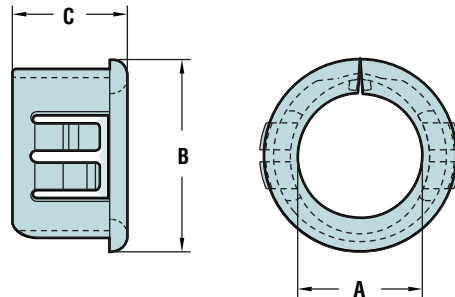


Heyco® Open/Closed Bushings

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter				Black	A Inside Diameter		B Head Diameter		C Overall Height
in.	mm.	in.	mm.		in.		mm.	in.	mm.	in.	mm.
.125	3,2	.375	9,5	2865	OCB-375	.265	6,7	.421	10,7	.390	9,9
.125	3,2	.437	11,1	2867	OCB-437	.312	7,9	.500	12,7	.406	10,3
.125	3,2	.500	12,7	2871	OCB-500	.312	7,9	.562	14,3	.406	10,3
.125	3,2	.562	14,3	2869	OCB-562	.390	9,9	.640	16,3	.406	10,3
.125	3,2	.625	15,9	2872	OCB-625	.453	11,5	.687	17,5	.406	10,3
.125	3,2	.750	19,0	2873	OCB-750	.546	13,9	.796	20,2	.406	10,3
.125	3,2	.875	22,2	2874	OCB-875	.671	17,7	.921	23,4	.406	10,3
.125	3,2	1.000	25,4	2878	OCB-1000	.812	20,6	1.047	26,6	.406	10,3
.125	3,2	1.093	27,8	2879	OCB-1093	.875	22,2	1.156	29,4	.406	10,3
.125	3,2	1.250	31,8	2881	OCB-1250	1.046	26,6	1.343	34,1	.406	10,3
.125	3,2	1.375	34,9	2882	OCB-1375	1.171	29,7	1.468	37,3	.406	10,3
.125	3,2	1.500	38,1	2883	OCB-1500	1.250	31,7	1.578	40,1	.421	10,7

Standard color black. Consult Heyco for white and other colors.
Locking fingers in fractional increments up to the maximum panel thickness.

- Multiple sizes for use in mounting holes from .375" (9,5 mm) to 1.500" (38,1 mm).
- Split design allows side entry and encirclement of preassembled harnesses, capillary tubes or other assemblies that have segments larger than the bushing's ID.
- May also be assembled into holes that already contain cable, wire or other filaments.
- Fingertip pressure snap-locks the bushing into its mounting hole.



Material 6/6 Nylon
 Certifications Recognized under the Component Program of Underwriters' Laboratories File E15331
 Certified by the Canadian Standards Association File LR8919
 Flammability Rating 94V-2
 Material Temperature Index 257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



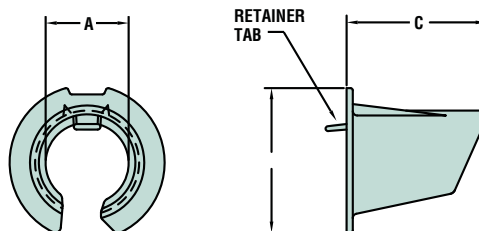
Heyco® Armor Bushings

- Use with Flexible Armored Cable (BX) and Flexible Metallic Conduit (FMC), to insulate rough cut conduit ends.
- Suitable for installation at temperatures up to 194°F (90°C) and as low as -40°F (-40°C).
- Chamfered lead-in allows for fast installation.
- Size-marked for easy identification.
- Molded of high dielectric polyethylene.

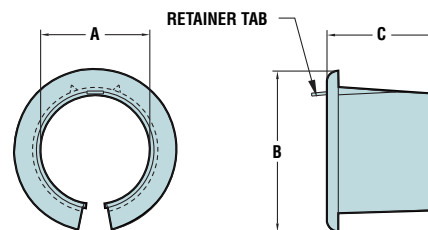
WILL FIT THESE ARMORED CABLES (AWG/CONDUCTORS)	PART NO.	DESCRIPTION	PART DIMENSIONS					
			A Inside Diameter		B Head Diameter		C Overall Height	
	Red		in.	mm.	in.	mm.	in.	mm.
14/2, 14/3, 12/2, 12/3	2264	AB-0	.37	9,4	.68	17,3	.58	14,7
14/4, 6/1, 4/1	2265	AB-1	.44	11,2	.70	17,8	.63	16,0
12/4, 10/2, 10/3, 2/1	2266	AB-2	.57	14,0	.85	21,6	.60	15,2
10/4, 8/2, 8/3, 1/1	2267	AB-3	.73	18,5	1.02	25,9	.60	15,2
12/4, 10/2, 10/3, 2/1	2281*	AB-Orange	.58	14,7	.90	22,9	.50	12,7

Standard color red.

*This part is not UL or CSA certified.



2264/2265



2266/2267

Quick Specs

Material
Certifications

High Dielectric Polyethylene



Listed under Underwriters' Laboratories File E51579



Certified by the Canadian Standards Association File 213253

Temperature Rating

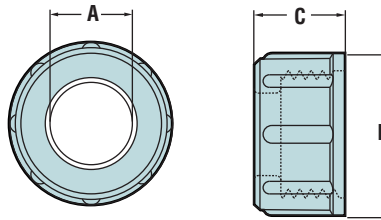
-40°F (-40°C) to 194°F (90°C)



Heyco® Threaded Insulated Bushings

TRADE SIZE NPT	PART NO. Black	DESCRIPTION	PART DIMENSIONS					
			A Inside Diameter		B Head Diameter		C Overall Height	
			in.	mm.	in.	mm.	in.	mm.
1/8	2282	IB-1/8	.268	6,8	.530	13,4	.296	7,6

Standard color black. Consult Heyco for white and other colors.



- Converts raw-edge pipe ends with NPT threads to smooth insulated ends.
- Insulates and mechanically protects lamp cords, other electrical and communications cables, tubing, hose, rope, and utility lines.
- 1/4" and 3/8" NPT sizes molded of phenolic material.
- 1/8" NPT size molded of type 6/6 Nylon.
- Quick Specs below do not apply.

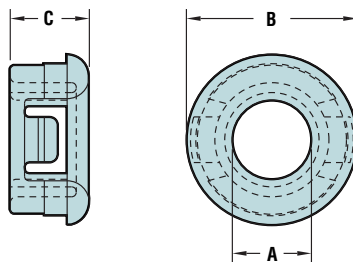


Heyco® Double Insulated Bushings

PANEL DIMENSIONS				PART NO. Black	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter				A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.
.062	1,6	.500	12,7	2514	S50	.250	6,4	.562	14,3	.265	6,7
.062	1,6	.875	22,2	2540	S87	.520	13,2	.980	24,9	.320	8,1
.125	3,2	.875	22,2	2552*	S875-562	.562	14,3	.980	24,9	.516	13,1

Standard color black. Consult Heyco for white and other colors.

* This Part is not UL recognized or CSA certified.



SINGLE PANEL THICKNESS

- Extra internal insulating sleeve creates a smooth bore and prevents locking fingers from protruding into the ID of the Bushing.
- Large radius exit hole.

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331 Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



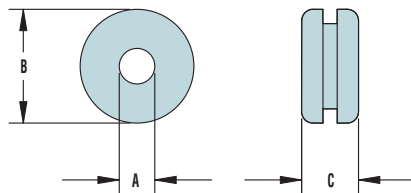
Heyco® Rubber Grommets

Mounting Diameter: 0.250" to 0.562"

- Used to protect or cover through holes. Help eliminate sharp edges so your wires are protected and add aesthetic value to your application.
- 160 sizes available that will accommodate mounting holes ranging from .250" (6,4 mm) to holes as large as 2.50" (63,5 mm) diameter and panel thicknesses from .063" (1,6 mm) to .375" (9,5 mm).
- Rubber grommets are constructed of SBR with an operating temperature range of -40°F (-40°C) to 221°F (105°C).
- SBR grommets have good water resistant characteristics and are suitable for most moderate chemicals and wet or dry organic acids.

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS						
Maximum Thickness		Mounting Hole Diameter				Black	A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.063	6,4	.250	6,4	G1004	RG 250-4-2	.125	3,2	.344	8,7	.188	4,8	
.063	6,4	.250	6,4	G1005	RG 250-5-2	.156	4,0	.375	9,5	.188	4,8	
.063	6,4	.250	6,4	G1006	RG 250-5-2A	.156	4,0	.438	11,1	.375	9,5	
.094	2,4	.281	7,1	G1010	RG 281-6-3	.188	4,8	.438	11,1	.219	5,6	
.063	1,6	.312	7,9	G1017	RG 312-6-2	.188	4,8	.406	10,3	.219	5,6	
.063	1,6	.312	7,9	G1018	RG 312-6-2A	.188	4,8	.438	11,1	.188	4,8	
.063	1,6	.312	7,9	G1019	RG 312-6-2B	.188	4,8	.500	12,7	.250	6,4	
.094	2,4	.312	7,9	G1014	RG 312-6-3	.188	4,8	.500	12,7	.281	7,1	
.125	3,2	.312	7,9	G1020	RG 312-6-4	.188	4,8	.438	11,8	.250	6,4	
.188	4,8	.312	7,9	G1022	RG 312-6-6	.188	4,8	.438	11,8	.313	8,0	
.250	6,4	.312	7,9	G1023	RG 312-6-8	.188	4,8	.438	11,8	.375	9,5	
.063	1,6	.312	7,9	G1026	RG 312-7-2	.219	5,6	.438	11,8	.188	4,8	
.094	2,4	.375	9,5	G1033	RG 375-4-3	.125	3,2	.500	12,7	.313	8,0	
.188	4,8	.375	9,5	G1034	RG 375-6-6	.188	4,8	.625	15,9	.375	9,5	
.063	1,6	.375	9,5	G1037	RG 375-8-2	.250	6,4	.563	14,3	.250	6,4	
.094	2,4	.375	9,5	G1038	RG 375-8-3	.250	6,4	.500	12,7	.250	6,4	
.094	2,4	.375	9,5	G1039	RG 375-8-3A	.250	6,4	.563	14,3	.281	7,1	
.063	1,6	.375	9,5	G1042	RG 375-9-2	.281	7,1	.563	14,3	.250	6,4	
.375	9,5	.375	9,5	G1043	RG 375-10-12	.313	8,0	.563	14,3	.500	12,7	
.125	3,2	.406	10,3	G1047	RG 406-9-4	.281	7,1	.625	15,9	.375	9,5	
.063	1,6	.437	11,1	G1052	RG 437-8-2	.250	6,4	.625	15,9	.188	4,8	
.063	1,6	.437	11,1	G1053	RG 437-8-2A	.250	6,4	.625	15,9	.313	8,0	
.125	3,2	.437	11,1	G1056	RG 437-8-4	.250	6,4	.625	15,9	.250	6,4	
.188	4,8	.437	11,1	G1057	RG 437-8-6	.250	6,4	.625	15,9	.313	8,0	
.250	6,4	.437	11,1	G1058	RG 437-8-8	.250	6,4	.625	15,9	.375	9,5	
.063	1,6	.437	11,1	G1061	RG 437-10-2	.313	8,0	.625	15,9	.281	7,1	
.094	2,4	.437	11,1	G1062	RG 437-10-3	.313	8,0	.625	15,9	.313	8,0	
.250	6,4	.500	12,7	G1086	RG 500-10-8	.313	8,0	.625	15,9	.625	15,9	
.063	1,6	.500	12,7	G1089	RG 500-12-2	.375	9,5	.625	15,9	.250	6,4	
.063	1,6	.500	12,7	G1090	RG 500-12-2A	.375	9,5	.688	17,5	.281	7,1	
.125	3,2	.500	12,7	G1092	RG 500-12-4	.375	9,5	.625	15,9	.313	8,0	
.125	3,2	.500	12,7	G1093	RG 500-12-4A	.375	9,5	.625	15,9	.406	10,3	
.156	4,0	.500	12,7	G1094	RG 500-12-5	.375	9,5	.688	17,5	.313	8,0	
.250	6,4	.500	12,7	G1095	RG 500-12-8	.375	9,5	.750	19,1	.500	12,7	
.375	9,5	.500	12,7	G1096	RG 500-12-12	.375	9,5	.625	15,9	.625	15,9	
.188	4,8	.562	14,3	G1110	RG 562-6-6	.188	4,8	.750	19,1	.312	7,9	
.063	1,6	.562	14,3	G1112	RG 562-10-2	.313	8,0	.813	20,7	.313	8,0	
.125	3,2	.562	14,3	G1114	RG 562-10-4	.313	8,0	.813	20,7	.375	9,5	
.188	4,8	.562	14,3	G1115	RG 562-10-6	.313	8,0	.813	20,7	.375	9,5	
.188	4,8	.562	14,3	G1116	RG 562-10-6A	.313	8,0	.813	20,7	.438	11,1	

Standard color black.





ALL NEW PRODUCTS!



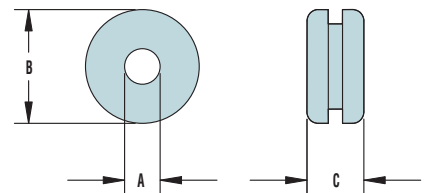
Heyco® Rubber Grommets

Mounting Diameter: 0.562" to 0.875"

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter				Black	A Inside Diameter		B Head Diameter		C Overall Height
in.	mm.	in.	mm.		in.		mm.	in.	mm.	in.	mm.
.250	6,4	.562	14,3	G1117	RG 562-10-8	.313	8,0	.813	20,7	.500	12,7
.188	4,8	.562	14,3	G1120	RG 562-12-6	.375	9,5	.813	20,7	.375	9,5
.375	9,5	.562	14,3	G1121	RG 562-12-12	.375	9,5	.750	19,1	.750	19,1
.063	1,6	.562	14,3	G1123	RG 562-14-2	.438	11,1	.750	19,1	.250	6,4
.125	3,2	.625	15,9	G1127	RG 625-6-4	.188	4,8	.875	22,2	.250	6,4
.063	1,6	.625	15,9	G1130	RG 625-12-2	.375	9,5	.875	22,2	.313	8,0
.125	3,2	.625	15,9	G1132	RG 625-12-4	.375	9,5	.875	22,2	.375	9,5
.188	4,8	.625	15,9	G1133	RG 625-12-6	.375	9,5	.875	22,2	.438	11,1
.250	6,4	.625	15,9	G1134	RG 625-12-8	.375	9,5	.875	22,2	.500	12,7
.187	4,7	.625	15,9	G1135	RG 625-13-6	.400	10,2	1.100	27,9	.435	11,1
.375	9,5	.625	15,9	G1136	RG 625-13-12	.406	10,3	.813	20,7	.625	15,9
.063	1,6	.625	15,9	G1137	RG 625-16-2	.500	12,7	.813	20,7	.281	7,1
.110	2,8	.630	16,0	G1140	RG 630-16-4	.500	12,7	.810	20,6	.300	7,6
.063	1,6	.687	17,5	G1150	RG 687-14-2	.438	11,8	.938	23,8	.313	8,0
.063	1,6	.687	17,5	G1151	RG 687-14-2A	.438	11,1	.938	23,8	.348	8,8
.125	3,2	.687	17,5	G1152	RG 687-14-4	.438	11,1	.938	23,8	.375	9,5
.188	4,8	.687	17,5	G1153	RG 687-14-6	.438	11,1	.938	23,8	.438	11,1
.250	6,4	.687	17,5	G1154	RG 687-14-8	.438	11,1	.938	23,8	.500	12,7
.063	1,6	.687	17,5	G1155	RG 687-16-2	.500	12,7	.875	22,2	.250	6,4
.188	4,8	.750	19,1	G1172	RG 750-10-6	.313	8,0	1.000	25,4	.438	11,1
.063	1,6	.750	19,1	G1174	RG 750-12-2	.375	9,5	1.000	25,4	.375	9,5
.063	1,6	.750	19,1	G1176	RG 750-16-2	.500	12,7	.875	22,2	.250	6,4
.063	1,6	.750	19,1	G1177	RG 750-16-2A	.500	12,7	1.000	25,4	.250	6,4
.094	2,4	.750	19,1	G1178	RG 750-16-3	.500	12,7	.875	22,2	.344	8,7
.094	2,4	.750	19,1	G1179	RG 750-16-3A	.500	12,7	.969	24,6	.281	7,1
.156	4,0	.750	19,1	G1181	RG 750-16-5	.500	12,7	.938	23,8	.406	10,3
.375	9,5	.750	19,1	G1182	RG 750-16-12	.500	12,7	1.000	25,4	.625	15,9
.125	3,2	.812	20,6	G1188	RG 812-12-4	.375	9,5	1.063	27,0	.375	9,5
.313	8,0	.812	20,6	G1191	RG 812-14-10	.438	11,1	1.063	27,0	.625	15,9
.063	1,6	.812	20,6	G1192	RG 812-16-2	.500	12,7	1.063	27,0	.313	8,0
.125	3,2	.812	20,6	G1193	RG 812-16-4	.500	12,7	1.063	27,0	.375	9,5
.188	4,8	.812	20,6	G1194	RG 812-16-6	.500	12,7	1.063	27,0	.438	11,1
.250	6,4	.812	20,6	G1195	RG 812-16-8	.500	12,7	1.063	27,0	.500	12,7
.063	1,6	.812	20,6	G1197	RG 812-18-2	.563	14,3	1.063	27,0	.313	8,0
.125	3,2	.812	20,6	G1198	RG 812-18-4	.563	14,3	1.062	26,9	.375	9,5
.188	4,8	.812	20,6	G1199	RG 812-18-6	.563	14,3	1.063	27,0	.438	11,1
.250	6,4	.812	20,6	G1200	RG 812-18-8	.563	14,3	1.063	27,0	.500	12,7
.063	1,6	.875	22,2	G1208	RG 875-10-2	.313	8,0	1.375	34,9	.250	6,4
.188	4,8	.875	22,2	G1213	RG 875-18-6	.563	14,3	1.063	27,0	.438	11,1
.375	9,5	.875	22,2	G1214	RG 875-18-12	.563	14,3	1.063	27,0	.625	15,9

Standard color black.

- Used to protect or cover through holes. Help eliminate sharp edges so your wires are protected and add aesthetic value to your application.
- 160 sizes available that will accommodate mounting holes ranging from .250" (6,4 mm) to holes as large as 2.50" (63,5 mm) diameter and panel thicknesses from .063" (1,6 mm) to .375" (9,5 mm).
- Rubber grommets are constructed of SBR with an operating temperature range of -40°F (-40°C) to 221°F (105°C).
- SBR grommets have good water resistant characteristics and are suitable for most moderate chemicals and wet or dry organic acids.





Heyco® Rubber Grommets

Mounting Diameter: 0.875" to 1.250"

- Used to protect or cover through holes. Help eliminate sharp edges so your wires are protected and add aesthetic value to your application.
- 160 sizes available that will accommodate mounting holes ranging from .250" (6,4 mm) to holes as large as 2.50" (63.5 mm) diameter and panel thicknesses from .063" (1,6 mm) to .375" (9,5 mm).
- Rubber grommets are constructed of SBR with an operating temperature range of -40°F (-40°C) to 221°F (105°C).
- SBR grommets have good water resistant characteristics and are suitable for most moderate chemicals and wet or dry organic acids.

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS						
Maximum Thickness		Mounting Hole Diameter				Black	A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.063	1,6	.875	22,2	G1215	RG 875-20-2	.625	15,9	1.125	28,6	.313	8,0	
.125	3,2	.875	22,2	G1218	RG 875-20-4	.625	15,9	1.125	28,6	.375	9,5	
.188	4,8	.875	22,2	G1219	RG 875-20-6	.625	15,9	1.125	28,6	.438	11,1	
.250	6,4	.875	22,2	G1220	RG 875-20-8	.625	15,9	1.125	28,6	.500	12,7	
.313	8,0	.906	23,0	G1224	RG 906-20-10	.625	15,9	1.125	28,6	.625	15,9	
.375	9,5	.968	24,6	G1232	RG 968-22-12	.688	17,5	1.313	33,4	.625	15,9	
.063	1,6	1.000	25,4	G1242	RG 1000-12-2	.375	9,5	1.250	31,8	.250	6,4	
.125	3,2	1.000	25,4	G1244	RG 1000-12-4	.375	9,5	1.313	33,4	.375	9,5	
.063	1,6	1.000	25,4	G1246	RG 1000-16-2	.500	12,7	1.250	31,8	.250	6,4	
.125	3,2	1.000	25,4	G1247	RG 1000-16-4	.500	12,7	1.250	31,8	.313	8,0	
.266	6,8	1.000	25,4	G1248	RG 1000-16-8	.500	12,7	1.375	34,9	.500	12,7	
.375	9,5	1.000	25,4	G1249	RG 1000-18-12	.563	14,3	1.250	31,8	.625	15,9	
.063	1,6	1.000	25,4	G1252	RG 1000-22-2	.688	17,5	1.313	33,4	.375	9,5	
.078	2,0	1.000	25,4	G1253	RG 1000-22-3	.688	17,5	1.312	33,3	.375	9,5	
.125	3,2	1.000	25,4	G1255	RG 1000-22-4	.688	17,5	1.313	33,4	.438	11,1	
.188	4,8	1.000	25,4	G1256	RG 1000-22-6	.688	17,5	1.313	33,4	.500	12,7	
.250	6,4	1.000	25,4	G1257	RG 1000-22-8	.688	17,5	1.313	33,4	.563	14,3	
.063	1,6	1.000	25,4	G1258	RG 1000-24-2	.750	19,1	1.250	31,8	.297	7,5	
.125	3,2	1.000	25,4	G1259	RG 1000-24-4	.750	19,1	1.188	30,2	.375	9,5	
.125	3,2	1.000	25,4	G1260	RG 1000-24-4A	.750	19,1	1.250	31,8	.375	9,5	
.188	4,8	1.000	25,4	G1261	RG 1000-24-6	.750	19,1	1.250	31,8	.563	14,3	
.250	6,4	1.000	25,4	G1264	RG 1000-28-8	.875	22,2	1.250	31,8	.625	15,9	
.063	1,6	1.062	27,0	G1269	RG 1062-24-2	.750	19,1	1.375	34,9	.375	9,5	
.188	4,8	1.062	27,0	G1272	RG 1062-24-6	.750	19,1	1.375	34,9	.500	12,7	
.250	6,4	1.062	27,0	G1273	RG 1062-24-8	.750	19,1	1.375	34,9	.563	14,3	
.375	9,5	1.125	28,6	G1278	RG 1125-24-12	.750	19,1	1.625	41,3	1.125	28,6	
.257	6,5	1.125	28,6	G1279	RG 1125-26-8	.804	20,4	1.375	34,9	.506	12,9	
.094	2,4	1.125	28,6	G1281	RG 1125-28-3	.875	22,2	1.500	38,1	.344	8,7	
.141	3,6	1.187	30,2	G1288	RG 1187-28-5	.875	22,2	1.375	34,9	.406	10,3	
.063	1,6	1.250	31,8	G1290	RG 1250-16-2	.500	12,7	1.500	38,1	.250	6,4	
.125	3,2	1.250	31,8	G1291	RG 1250-16-4	.500	12,7	1.500	38,1	.313	8,0	
.063	1,6	1.250	31,8	G1294	RG 1250-20-2	.625	15,9	1.500	38,1	.250	6,4	
.063	1,6	1.250	31,8	G1298	RG 1250-24-2	.750	19,1	1.625	41,3	.250	6,4	
.125	3,2	1.250	31,8	G1299	RG 1250-24-4	.750	19,1	1.625	41,3	.313	8,0	
.250	6,4	1.250	31,8	G1301	RG 1250-24-8	.750	19,1	1.625	41,3	.438	11,1	
.063	1,6	1.250	31,8	G1303	RG 1250-28-2	.875	22,2	1.625	41,3	.438	11,1	
.125	3,2	1.250	31,8	G1304	RG 1250-28-4	.875	22,2	1.625	41,3	.500	12,7	
.188	4,8	1.250	31,8	G1306	RG 1250-28-6	.875	22,2	1.625	41,3	.563	14,3	
.250	6,4	1.250	31,8	G1307	RG 1250-28-8	.875	22,2	1.625	41,3	.625	15,9	
.375	9,5	1.250	31,8	G1308	RG 1250-28-12	.875	22,2	1.750	44,5	.750	19,1	

Standard color black.



Heyco® Rubber Grommets

Mounting Diameter: 1.250" to 2.500"

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter				Black	A Inside Diameter		B Head Diameter		C Overall Height
in.	mm.	in.	mm.		in.		mm.	in.	mm.	in.	mm.
.063	1,6	1.250	31,8	G1311	RG 1250-32-2	1.000	25,4	1.563	39,7	.313	8,0
.188	4,8	1.250	31,8	G1312	RG 1250-32-6	1.000	25,4	1.500	38,1	.438	11,1
.375	9,5	1.250	31,8	G1314	RG 1250-32-12	1.000	25,4	1.500	38,1	.625	15,9
.063	1,6	1.375	34,9	G1320	RG 1375-32-2	1.000	25,4	1.750	44,5	.438	11,1
.125	3,2	1.375	34,9	G1322	RG 1375-32-4	1.000	25,4	1.750	44,5	.500	12,7
.188	4,8	1.375	34,9	G1323	RG 1375-32-6	1.000	25,4	1.750	44,5	.563	14,3
.250	6,4	1.375	34,9	G1324	RG 1375-32-8	1.000	25,4	1.750	44,5	.625	15,9
.375	9,5	1.375	34,9	G1326	RG 1375-32-12	1.000	25,4	1.750	44,5	.750	19,1
.188	4,8	1.375	34,9	G1329	RG 1375-36-6	1.125	28,6	1.875	47,6	.500	12,7
.063	1,6	1.500	38,1	G1347	RG 1500-36-2	1.125	28,6	1.875	47,6	.375	9,5
.156	4,0	1.500	38,1	G1348	RG 1500-38-5	1.188	30,2	1.750	44,5	.406	10,3
.063	1,6	1.500	38,1	G1349	RG 1500-40-2	1.250	31,8	1.875	47,6	.344	8,7
.125	3,2	1.500	38,1	G1350	RG 1500-40-4	1.250	31,8	1.875	47,6	.406	10,3
.188	4,8	1.500	38,1	G1351	RG 1500-40-6	1.250	31,8	2.000	50,8	.625	15,9
.250	6,4	1.500	38,1	G1353	RG 1500-40-8	1.250	31,8	1.750	44,5	.500	12,7
.250	6,4	1.500	38,1	G1354	RG 1500-40-8A	1.250	31,8	2.000	50,8	.516	13,1
.125	3,2	1.625	41,3	G1363	RG 1625-42-4	1.313	33,4	2.000	50,8	.438	11,1
.125	3,2	1.625	41,3	G1364	RG 1625-44-4	1.375	34,9	1.875	47,6	.406	10,3
.063	1,6	1.750	44,5	G1369	RG 1750-48-2	1.500	38,1	2.125	54,0	.438	11,1
.125	3,2	1.750	44,5	G1371	RG 1750-48-4	1.500	38,1	2.125	54,0	.500	12,7
.188	4,8	1.750	44,5	G1372	RG 1750-48-6	1.500	38,1	2.125	54,0	.563	14,3
.250	6,4	1.750	44,5	G1373	RG 1750-48-8	1.500	38,1	2.000	50,8	.500	12,7
.250	6,4	1.750	44,5	G1374	RG 1750-48-8A	1.500	38,1	2.125	54,0	.625	15,9
.375	9,5	1.750	44,5	G1375	RG 1750-48-12	1.500	38,1	2.125	54,0	.750	19,1
.094	2,4	2.000	50,8	G1387	RG 2000-48-3	1.500	38,1	2.375	60,3	.375	9,5
.188	4,8	2.000	50,8	G1390	RG 2000-52-6	1.625	41,3	2.250	57,2	.750	19,1
.125	3,2	2.000	50,8	G1392	RG 2000-56-4	1.750	44,5	2.375	60,3	.375	9,5
.250	6,4	2.000	50,8	G1393	RG 2000-56-8	1.750	44,5	2.500	63,5	.531	13,5
.250	6,4	2.000	50,8	G1394	RG 2000-56-8A	1.750	44,5	2.500	63,5	.560	14,2
.375	9,5	2.000	50,8	G1395	RG 2000-56-12	1.750	44,5	2.500	63,5	.625	15,9
.190	4,8	2.200	55,9	G1404	RG 2.200-64-6	2.000	50,8	2.750	69,9	.560	14,2
.063	1,6	2.375	60,3	G1409	RG 2.375-40-2	1.250	31,8	2.750	69,9	.438	11,1
.190	4,8	2.375	60,3	G1414	RG 2.375-64-6	2.000	50,8	2.750	69,9	.560	14,2
.063	1,6	2.500	63,5	G1418	RG 2.5-40-2	1.250	31,8	2.875	73,0	.438	11,1
.250	6,4	2.500	63,5	G1421	RG 2.5-64-8	2.000	50,8	3.000	76,2	.563	14,3
.063	1,6	2.500	63,5	G1422	RG 2.5-68-2	2.125	54,0	2.875	73,0	.438	11,1
.125	3,2	2.500	63,5	G1423	RG 2.5-68-4	2.125	54,0	2.875	73,0	.438	11,1
.250	6,4	2.500	63,5	G1425	RG 2.5-72-8	2.250	57,2	3.000	76,2	.625	15,9
.328	8,3	2.500	63,5	G1426	RG 2.5-72-10	2.250	57,2	3.000	76,2	.719	18,3
.375	9,5	2.500	63,5	G1427	RG 2.5-72-12	2.250	57,2	3.000	76,2	.750	19,1

Standard color black.

- Used to protect or cover through holes. Help eliminate sharp edges so your wires are protected and add aesthetic value to your application.
- 160 sizes available that will accommodate mounting holes ranging from .250" (6,4 mm) to holes as large as 2.50" (63,5 mm) diameter and panel thicknesses from .063" (1,6 mm) to .375" (9,5 mm).
- Rubber grommets are constructed of SBR with an operating temperature range of -40°F (-40°C) to 221°F (105°C).
- SBR grommets have good water resistant characteristics and are suitable for most moderate chemicals and wet or dry organic acids.

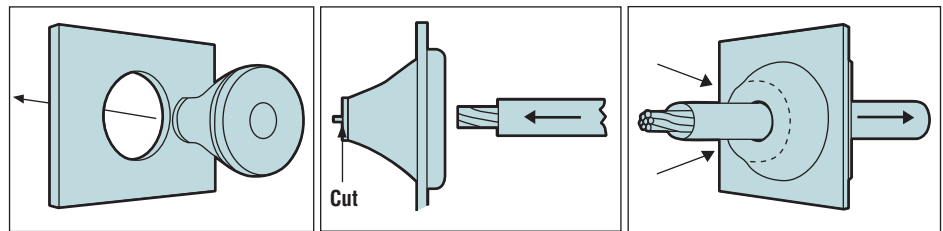
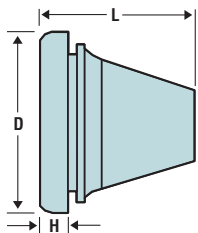


Heyco® Snap-in PG Liquid Tight Bushings

- Can be used in threaded or unthreaded holes.
- Ozone and weather resistant.
- Provides light strain relief to the cable.
- Simple to install—just snap into place, pierce thin membrane, insert & pull back cable.
- Can be used as a liquid tight plug. Offers protection to IP 67.
- Sizes available to fit cable diameters ranging from .12" (3,0 mm) up to 1.38" (35,0 mm).

PANEL DIMENSIONS						CABLE DIAMETER RANGE				PART NO.	DESCRIPTION	Hole Size	PART DIMENSIONS					
Hole Diameter		Thickness Range				Min.		Max.					Gray	D Head Diameter	H Head Thickness		L Overall Length	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		in.	mm.			in.	mm.	in.	mm.
.52	13,2	.04	1,0	.16	4,0	.12	3,0	.20	5,0	4014	LTB 30-50/PG7	PG7	.79	20,0	.24	6,1	.50	12,8
.63	16,0	.04	1,0	.16	4,0	.20	5,0	.28	7,0	4015	LTB 50-70/PG9	PG9	.79	20,0	.28	7,1	.75	19,0
.75	19,0	.04	1,0	.16	4,0	.28	7,0	.39	10,0	4016	LTB 70-100/PG11	PG11	.94	24,0	.28	7,1	.81	20,6
.91	23,0	.04	1,0	.16	4,0	.31	8,0	.55	14,0	4017	LTB 80-140/PG16	PG16	1.10	28,0	.28	7,1	.89	22,5
1.14	29,0	.04	1,0	.16	4,0	.55	14,0	.79	20,0	4018	LTB 140-200/PG21	PG21	1.36	34,5	.28	7,1	1.02	26,0
1.50	38,0	.04	1,0	.16	4,0	.79	20,0	1.02	26,0	4019	LTB 200-260/PG29	PG29	1.81	46,0	.26	6,6	1.14	29,0
1.89	48,0	.04	1,0	.16	4,0	1.02	26,0	1.38	35,0	4020	LTB 260-350/PG36	PG36	2.26	57,5	.31	7,9	1.42	36,0

Standard color gray.



Snap Into Panel

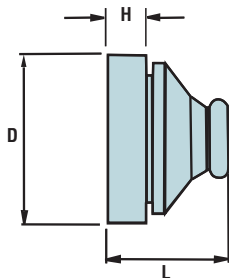
Cut as shown and Insert Cable

Pull Back Cable to Form Seal



Heyco® Snap-In Metric Liquid Tight Bushings

- For outdoor and indoor applications
- Good weather, UV, and ozone resistance



PANEL DIMENSIONS						CABLE DIAMETER RANGE				PART NO.	DESCRIPTION	Hole Size	PART DIMENSIONS					
Hole Diameter		Thickness Range				Min.		Max.					Gray	D Head Diameter	H Head Thickness		L Overall Length	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		in.	mm.			in.	mm.	in.	mm.
.48	12,2	.05	1,3	.20	5,0	.12	3,0	.20	5,0	4007	LTB 30-50/M12	M12	.75	19,0	.26	6,5	.73	18,5
.64	16,2	.05	1,3	.20	5,0	.20	5,0	.28	7,0	4008	LTB 50-70/M16	M16	.91	23,0	.26	6,5	.73	18,5
.80	20,0	.05	1,3	.20	5,0	.28	7,0	.39	10,0	4009	LTB 70-100/M20	M20	1.06	27,0	.26	6,5	.77	19,5
.99	25,2	.05	1,3	.20	5,0	.39	10,0	.55	14,0	4010	LTB 100-140/M25	M25	1.26	32,0	.26	6,5	.77	19,5
1.27	32,2	.05	1,3	.20	5,0	.55	14,0	.79	20,0	4011	LTB 140-200/M32	M32	1.54	39,0	.26	6,5	.85	21,5
1.58	40,2	.05	1,3	.20	5,0	.79	20,0	1.02	26,0	4012	LTB 200-260/M40	M40	1.85	47,0	.26	6,5	.94	24,0
1.98	50,2	.05	1,3	.20	5,0	1.02	26,0	1.38	35,0	4013	LTB 260-350/M50	M50	2.28	58,0	.26	6,5	1.18	30,0

Standard color gray.

Quick Specs

Material
Temperature Rating
IP Rating

Ethylene Propylene Diene Monomes Rubber (EPDM)
-40°F (40°C) to 200°F (93°C)
IP 67



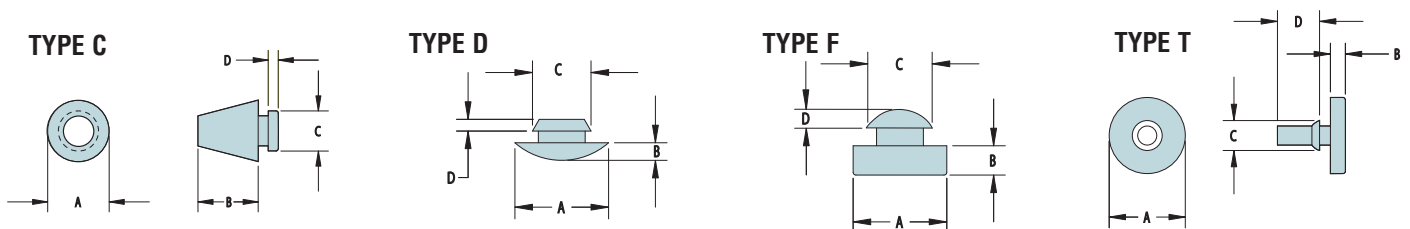
ALL NEW PRODUCTS!



Heyco® Rubber Push-In Bumpers

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS								Type
Maximum Thickness	Mounting Hole Diameter		Black			A Base Diameter		B Base Height		C Insert Diameter		D Insert Height		
	in.	mm.		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.098	2,5	.118	3,0	G2000	RGB 118-236-4	.236	6,0	.118	3,0	.196	5,0	.472	12,0	T
.071	1,8	.125	3,2	G2002	RGB 125-334-6	.334	8,5	.189	4,9	.295	7,5	.429	10,9	T
.031	0,8	.156	4,0	G2004	RGB 156-375-3	.375	9,5	.093	2,4	.218	5,5	.109	2,8	F
.059	1,5	.177	4,5	G2006	RGB 177-334-9	.334	8,5	.295	7,5	.196	5,0	.396	10,1	T
.109	2,8	.180	4,6	G2007	RGB 180-500-2	.500	12,7	.060	1,5	.250	6,4	.078	2,0	F
.047	1,2	.187	4,7	G2009	RGB 187-250-6	.250	6,4	.187	4,7	.031	0,8	.343	8,7	F
.047	1,2	.187	4,7	G2010	RGB 187-312-4	.312	7,9	.125	3,2	.250	6,4	.093	2,4	F
.050	1,3	.187	4,7	G2011	RGB 187-375-8	.375	9,5	.250	6,4	.250	6,4	.093	2,4	F
.062	1,6	.187	4,7	G2012	RGB 187-375-4	.375	9,5	.125	3,2	.250	6,4	.125	3,2	F
.062	1,6	.187	4,7	G2013	RGB 187-500-3	.500	12,7	.093	2,4	.250	6,4	.187	4,7	F
.078	2,0	.187	4,7	G2014	RGB 187-338-6	.338	8,6	.172	4,4	.250	6,4	.296	7,5	F
.093	2,4	.218	5,5	G2016	RGB 218-406-6	.406	10,3	.187	4,7	.281	7,1	.093	2,4	D
.125	3,2	.218	5,5	G2017	RGB 218-875-6	.875	22,2	.171	4,3	.343	8,7	.484	12,3	T
.047	1,2	.250	6,4	G2019	RGB 250-437-6	.437	11,1	.187	4,7	.312	7,9	.125	3,2	F
.047	1,2	.250	6,4	G2020	RGB 250-500-6	.500	12,7	.171	4,3	.312	7,9	.187	4,7	D
.050	1,3	.250	6,4	G2021	RGB 250-562-12	.562	14,3	.375	9,5	.340	8,6	.265	6,7	F
.062	1,6	.250	6,4	G2022	RGB 250-375-4	.375	9,5	.125	3,2	.312	7,9	.062	1,6	F
.062	1,6	.250	6,4	G2023	RGB 250-375-4R*	.375	9,5	.125	3,2	.312	7,9	.062	1,6	F
.062	1,6	.250	6,4	G2024	RGB 250-500-5	.500	12,7	.156	4,0	.312	7,9	.125	3,2	F
.062	1,6	.250	6,4	G2025	RGB 250-500-8	.500	12,7	.250	6,4	.312	7,9	.125	3,2	F
.125	3,2	.250	6,4	G2026	RGB 250-406-7	.406	10,3	.218	5,5	.343	8,7	.062	1,6	F
.125	3,2	.250	6,4	G2027	RGB 250-562-4	.562	14,3	.125	3,2	.343	8,7	.125	3,2	F
.047	1,2	.281	7,1	G2029	RGB 281-500-2	.500	12,7	.062	1,6	.375	9,5	.156	4,0	F
.047	1,2	.281	7,1	G2030	RGB 281-500-4	.500	12,7	.125	3,2	.375	9,5	.156	4,0	F
.078	2,0	.281	7,1	G2031	RGB 281-562-4	.562	14,3	.125	3,2	.375	9,5	.156	4,0	F
.125	3,2	.281	7,1	G2032	RGB 281-625-11	.625	15,9	.343	8,7	.437	11,1	.171	4,3	F
.047	1,2	.312	7,9	G2034	RGB 312-1250-3	1.250	28,6	.093	2,4	.437	11,1	.078	2,0	F
.062	1,6	.312	7,9	G2035	RGB 312-375-5	.375	9,5	.156	4,0	.375	9,5	.156	4,0	D
.078	2,0	.312	7,9	G2036	RGB 312-875-4	.875	22,2	.125	3,2	.500	12,7	.062	1,6	F
.093	2,4	.312	7,9	G2037	RGB 312-625-8	.625	15,9	.250	6,4	.375	9,5	.125	3,2	F
.094	2,4	.328	8,3	G2039	RGB 328-846-6	.846	21,5	.187	4,7	.421	10,7	.265	6,7	D
.125	3,2	.375	9,5	G2041	RGB 375-765-24	.765	19,4	.750	19,1	.500	12,7	.125	3,2	C
.125	3,2	.500	12,7	G2043	RGB 500-1000-6	1.000	25,4	.187	4,7	.625	15,9	.125	3,2	D
.188	4,8	.500	12,7	G2044	RGB 500-1000-10	1.000	25,4	.312	7,9	.687	17,4	.187	4,7	F

Standard color black. * Part G2023 has a round insertion head.





Heyco® Polyurethane Adhesive Backed Bumpers

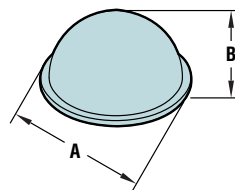
Hemispherical



- Bumpers can be attached to a wide variety of surfaces; aluminum, ceramic, formica, glass, painted surfaces, polyethylene, polypropylene, vinyl, and steel.
- Quick and easy installation—simply peel off backing and press into place. With no holes to drill, and no screws or rivets needed, adhesive backed bumpers will save you time and money.
- Adhesive backed bumpers are nonmarking, nonstaining, skid, and scratch resistant.
- Surface must be clean, dry, and free of grease, oil, and other common solvents to obtain maximum adhesion. Clean surfaces with low strength solvents such as Isopropyl Alcohol or Heptane.
- Recommended storage guidelines: temperature range 40°F (40°C) to 75°F (24°C), humidity range 40% to 60%.
- Clear parts have an anti-yellowing agent.
- Clear bumpers have acrylic-based pressure sensitive adhesive with an end use temperature of 0°F (-18°C) to 250°F (121°C). Black bumpers have a rubber-based pressure sensitive adhesive with an end use temperature of 0°F (-18°C) to 180°F (82°C).

PART NO.		DESCRIPTION	PART SPECIFICATIONS/DIMENSIONS				Pieces per Pad
Clear	Black		A Diameter		B Height		
			in.	mm.	in.	mm.	
N040	N140	HBA 250-06	.25	6,4	.06	1,6	578
N007	N107	HBA 335-09	.34	8,6	.09	2,3	450
N012	N112	HBA 375-15	.38	9,7	.15	3,8	200
N002	N102	HBA 440-20	.44	11,2	.20	5,1	242
N015	N115	HBA 620-31	.62	15,7	.31	7,9	128
N008	N108	HBA 700-38	.70	17,8	.38	9,7	98
N039	N139	HBA 750-08	.75	19,1	.08	2,0	84

 Recognized under the Component Program of Underwriters' Laboratories File E196663.





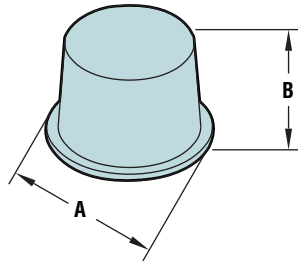
Heyco® Polyurethane Adhesive Backed Bumpers

Cylindrical



PART NO.		DESCRIPTION	PART SPECIFICATIONS/DIMENSIONS				Pieces per Pad
Clear	Black		A Diameter		B Height		
			in.	mm.	in.	mm.	
N035	N135	CBA 370-19	.37	9,4	.19	4,8	200
N005	N105	BA 500-06	.50	12,7	.06	1,5	200
N001	N101	CBA 500-14	.50	12,7	.14	3,6	200
N006	N106	CBA 500-25	.50	12,7	.25	6,4	200
N011	N111	CBA 620-40	.62	15,7	.40	10,2	128
N024	N124	CBA 810-12	.81	20,6	.12	3,0	72

Recognized under the Component Program of Underwriters' Laboratories File E196663.



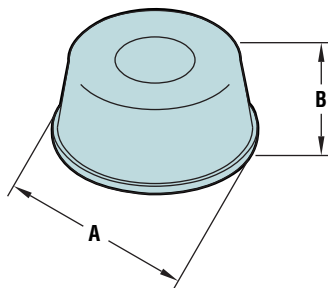
- Bumpers can be attached to a wide variety of surfaces: aluminum, ceramic, formica, glass, painted surfaces, polyethylene, polypropylene, vinyl, and steel.
- Quick and easy installation—simply peel off backing and press into place. With no holes to drill, and no screws or rivets needed, adhesive backed bumpers will save you time and money.

Cylindrical Depression



PART NO.		DESCRIPTION	PART SPECIFICATIONS/DIMENSIONS				Pieces per Pad
Clear	Black		A Diameter		B Height		
			in.	mm.	in.	mm.	
N018	N118	CDBA 500-14	.50	12,7	.14	3,6	200
N017	N117	CDBA 880-40	.88	22,4	.40	10,2	72
N030	N130	CDBA 1810-60	1.81	46,0	.60	15,2	1

Recognized under the Component Program of Underwriters' Laboratories File E196663.



- Adhesive backed bumpers are nonmarking, nonstaining, skid, and scratch resistant.
- Surface must be clean, dry, and free of grease, oil, and other common solvents to obtain maximum adhesion. Clean surfaces with low strength solvents such as Isopropyl Alcohol or Heptane.
- Recommended storage guidelines: temperature range 40°F (40°C) to 75°F (24°C), humidity range 40% to 60%.
- Clear parts have an anti-yellowing agent.
- Clear bumpers have acrylic-based pressure sensitive adhesive with an end use temperature of 0°F (-18°C) to 250°F (121°C). Black bumpers have a rubber-based pressure sensitive adhesive with an end use temperature of 0°F (-18°C) to 180°F (82°C).



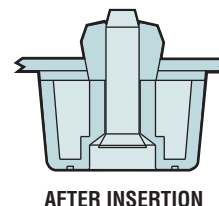
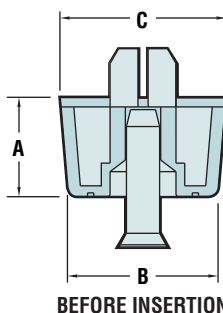
Heyco® Feet of Strength™

FSD–Feet with Drive Pin

- Molded of thermoplastic elastomer or polypropylene and elastomer blend for skid and vibration resistance.
- Two piece construction comes preassembled.
- To install, simply insert into the mounting hole, then press pin to secure.

PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS					
Mounting Hole Size		Thickness Range						Black	A Overall Height		B Top Diameter		C Bottom Diameter
in.	mm.	in.	mm.	in.	mm.		in.		mm.	in.	mm.	in.	mm.
.299	7,6	.031	0,8	.059	1,5	2543	FSD 3019-031	.197	5,0	.906	23,0	.984	25,0
.303	7,7	.197	5,0	.315	8,0	2544	FSD 3023-197	.236	6,0	.787	20,0	.827	21,0
.303	7,7	.031	0,8	.059	1,5	2545	FSD 3039-031	.394	10,0	.709	18,0	.787	20,0
.319	8,1	.031	0,8	.047	1,2	2547	FSD 3147-031	.472	12,0	.709	18,0	.787	20,0
.319	8,1	.031	0,8	.047	1,2	2549	FSD 3159-031	.591	15,0	.709	18,0	.787	20,0
.319	8,1	.031	0,8	.047	1,2	2551	FSD 3170-031	.709	18,0	.709	18,0	.787	20,0

Standard color black.



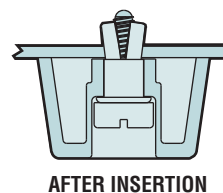
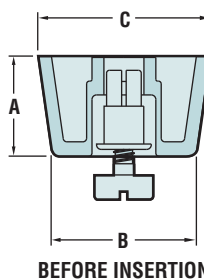
Heyco® Feet of Strength™

FSS–Feet with Slotted Screw Rivet

- An acetyl screw replaces the push rivet for fixing.
- Press screw to install; to release, use a conventional screwdriver.
- Molded from ethylene vinyl acetate.
- Installs with fingertip pressure.

PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS					
Mounting Hole Size		Thickness Range						Black	A Overall Height		B Top Diameter		C Bottom Diameter
in.	mm.	in.	mm.	in.	mm.		in.		mm.	in.	mm.	in.	mm.
.197	5,0	.039	1,0	.091	2,3	2538	FSS 2055-039	.551	14,0	.787	20,0	.945	24,0

Standard color black.





Heyco® Feet of Strength™

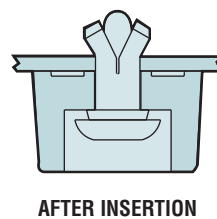
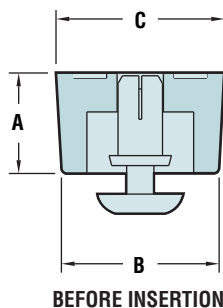
FSR—Feet with Push Rivet



PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS						
Mounting Hole Size		Thickness Range						Black	A Overall Height		B Top Diameter		C Bottom Diameter	
		Minimum	Maximum	in.	mm.				in.	mm.	in.	mm.		
.122	3,1	.031	0,8	.071	1,8	2517	FSR 1221-031	.217	5,5	.531	13,5	.559	14,2	
.142	3,6	.039	1,0	.079	2,0	2520	FSR 1415-039	.157	4,0	.394	10,0	.425	10,8	
.142	3,6	.079	2,0	.118	3,0	2521	FSR 1415-079	.157	4,0	.394	10,0	.425	10,8	
.161	4,1	.031	0,8	.071	1,8	2522	FSR 1616-031	.165	4,2	.787	20,0	.827	21,0	
.161	4,1	.071	1,8	.110	2,8	2523	FSR 1616-071	.165	4,2	.787	20,0	.827	21,0	
.161	4,1	.075	1,9	.110	2,8	2527	FSR 1623-071	.236	6,0	.787	20,0	.827	21,0	
.161	4,1	.114	2,9	.157	4,0	2528	FSR 1623-110	.236	6,0	.787	20,0	.827	21,0	
.161	4,1	.083	2,1	.118	3,0	2530	FSR 1631-079	.315	8,0	.787	20,0	.827	21,0	
.161	4,1	.039	1,0	.079	2,0	2532	FSR 1635-039	.354	9,0	.551	14,0	.591	15,0	
.161	4,1	.079	2,0	.118	3,0	2533	FSR 1635-079	.354	9,0	.551	14,0	.591	15,0	

Standard color black.

- Requires only fingertip pressure for fast, easy installation.
- May be released from inside the panel.
- Multiple sizes range in height from .217" (5,5 mm) to .354" (9,0 mm).
- Molded from ethylene vinyl acetate.





Heyco® Bushings LabKit #2

(Part No. 2999)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco Kits contain an assortment of our most popular bushings.
- Heyco also offers lab kits for Liquid Tight Cordgrips (2-20), Strain Relief Bushings (3-29), Plugs (5-19), Cable and Hose Clamps (6-24), and Wire Connectors (7-23).



**Heyco®
Dome Plugs
5-1**



**Heyco®
Thick Panel
Dome Plugs
5-2**



**Heyco®
Halogen &
Phosphorous-Free
94V-0
Hole Plugs
5-3**



**Heyco®
Metric
Dome Plugs
5-4**



**Heyco®
Insulation
Plugs
5-4**



**Heyco®
Shorty
Plugs
5-5**



**Heyco®
Pry-Out
Plugs
5-6**



**Heyco®
Vent Plugs
5-7**



**Heyco®
Thick Panel
Vent Plugs
5-8**



**Heyco®
Glossy Plugs
5-9**



**Heyco®
Thick
Panel
Glossy Plugs
5-10**



**Heyco®
Window
Plugs
5-11**



**Heyco®
Specialty
Window
Plugs
5-12**



**Heyco®
Threaded
Plugs,
PG & Metric
5-13**



**Heyco®
Hole Plugs for
Rectangular
Lockit &
RDD Holes
5-14**



**Heyco®
Knock-Out &
Thick Panel
Knock-Out
Seals
5-15**



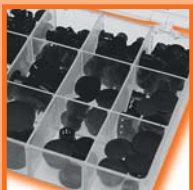
**Heyco®
Louvered
Dome Plugs
5-16**



**Heyco®
Liquid Tight
Hole Plugs
5-17**



**Heyco®
Nylon
D-Subminiature
Mounting Hole
Plugs
5-18**



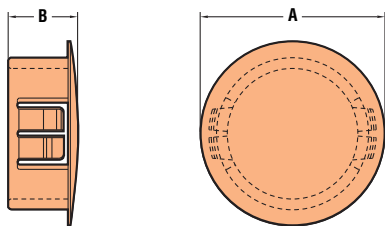
**Heyco®
Hole Plugs
LabKit #3
5-19**

HEYCO® Hole Plugs



Heyco® Dome Plugs

- Closes unneeded panel holes.
- Convex, matte finish head tapers to thin edge (Except DP-187).
- Multiple sizes for use in .187" (4,7 mm) to 6.00" (152,4 mm) diameter holes.
- Locks firmly into panel up to .250" (6,4 mm) thick.
- Quick and easy installation.



PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	
.062	1,6	.187	4,7	*2590	*2591	** DP-187	.250	6,4	.234	5,9
.062	1,6	.250	6,4	2603	2604	** DP-250	.312	7,9	.312	7,9
.062	1,6	.312	7,9	2613	2614	** DP-312	.375	9,5	.312	7,9
.125	3,2	.375	9,5	2617	2618	DP-375	.468	11,9	.406	10,3
.125	3,2	.437	11,1	2633	2634	DP-437	.531	13,5	.406	10,3
.125	3,2	.500	12,7	2643	2644	DP-500	.578	14,7	.406	10,3
.125	3,2	.562	14,3	2653	2654	DP-562	.656	16,7	.406	10,3
.125	3,2	.625	15,9	2663	2664	DP-625	.718	18,2	.406	10,3
.125	3,2	.687	17,4	2673	2674	DP-687	.781	19,8	.406	10,3
.125	3,2	.750	19,1	2683	2684	DP-750	.921	23,4	.406	10,3
.125	3,2	.812	20,6	2693	2694	DP-812	.890	22,6	.406	10,3
.125	3,2	.875	22,2	2703	2704	DP-875	1.015	25,8	.453	11,5
.125	3,2	1.000	25,4	2713	2714	DP-1000	1.203	30,6	.453	11,5
.125	3,2	1.093	27,8	2723	2724	DP-1093	1.218	30,9	.453	11,5
		1.125	28,6							
.125	3,2	1.187	30,1	2733	2734	DP-1187	1.312	33,3	.453	11,5
.125	3,2	1.250	31,7	2740	2741	DP-1250	1.375	34,9	.453	11,5
.125	3,2	1.375	34,9	2753	2754	DP-1375	1.500	38,1	.453	11,5
.125	3,2	1.500	38,1	2763	2764	DP-1500	1.671	42,4	.453	11,5
.125	3,2	1.750	44,5	2773	2774	DP-1750	1.906	48,4	.453	11,5
.125	3,2	2.000	50,8	2783	2784	DP-2000	2.170	55,1	.469	11,9
.250	6,4	2.093-	53,2	2403	2404	DP-2.093	2.343	59,9	.760	19,3
		2.125	54,0							
.250	6,4	2.250	57,2	2411	2412	DP-2.25	2.479	63,0	.750	19,1
.250	6,4	2.500	63,5	2790	2791	DP-2.5	2.730	69,5	.750	19,1
.250	6,4	3.000	76,2	2455	2456	DP-3.0	3.171	80,5	.750	19,1
.250	6,4	3.375	85,7	2482	2483	DP-3.375	3.656	92,9	.750	19,1
.250	6,4	3.500	88,9	2464	2465	DP-3.5	3.656	92,9	.750	19,1
.250	6,4	4.000	101,6	2473	2474	DP-4.0	4.156	105,6	.750	19,1
.250	6,4	5.000	127,0	2451	2452	DP-5.0	5.219	132,5	.781	19,8
.250	6,4	6.000	152,4	2453	2454	DP-6.0	6.219	157,9	.781	19,8

Standard colors black or white. Consult Heyco for other colors.

Locking fingers in fractional increments up to the maximum panel thickness.

*Convex, glossy finish head tapers to thin edge.

Approximate Head Thickness: .063" (1,6mm). Thickness may vary.

**Depicts single locking finger design.

Quick
Specs

Material

6/6 Nylon

Certifications



Recognized under the Component Program of Underwriters' Laboratories File E51579



Certified by the Canadian Standards Association File LR8919

Flammability Rating

94V-2

Material Temperature Index

257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

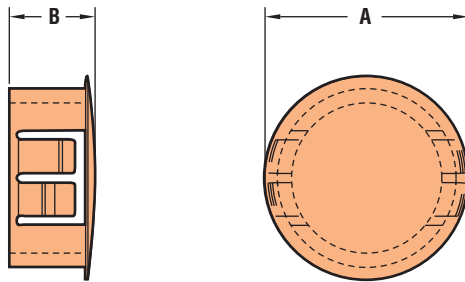


Heyco® Thick Panel Dome Plugs

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness	Mounting Hole Diameter			Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.							
.250	6,4	.500	12,7	3004	3005	DPT-500	.578	14,7	.562	14,3
.250	6,4	.625	15,9	3006	3007	DPT-625	.718	18,2	.562	14,3
.250	6,4	.750	19,1	3008	3009	DPT-750	.921	23,4	.562	14,3
.250	6,4	.875	22,2	3044	3045	DPT-875	1.015	25,8	.562	14,3
.250	6,4	1.000	25,4	3046	3047	DPT-1000	1.203	30,6	.562	14,3
.250	6,4	1.093-1.125	27,8-28,6	3018	3019	DPT-1093	1.218	30,9	.562	14,3
.250	6,4	1.187	30,1	3100	3101	DPT-1187	1.312	33,3	.562	14,3
.250	6,4	1.250	31,7	3102	3103	DPT-1250	1.375	34,9	.562	14,3
.250	6,4	1.375	34,9	3106	3107	DPT-1375	1.500	38,1	.562	14,3
.250	6,4	1.500	38,1	3048	3049	DPT-1500	1.671	42,4	.562	14,3
.250	6,4	1.750	44,5	3027	3028	DPT-1750	1.906	48,4	.562	14,3
.250	6,4	2.000	50,8	3050	3051	DPT-2000	2.170	55,1	.580	14,7

- Closes unneeded panel holes and electrical knock-outs.
- A convex, matte finish head that tapers to a thin edge.
- Locking fingers snap into holes with fingertip pressure for quick and easy installation.
- Withstands a push back force of 35 pounds.
- Available in multiple sizes for use in .500" (12,7 mm) to 2.00" (50,8 mm) diameter holes for panel thickness up to .250" (6,4 mm).

Standard color black. Consult Heyco for other colors.
 Locking fingers in fractional increments up to the maximum panel thickness.
 Approximate Head Thickness: .063" (1,6 mm). Thickness may vary.



Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579 Certified by Canadian Standards Association, File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221° (105°C)

Quick Specs



Heyco® Halogen and Phosphorous-Free 94V-0 Hole Plugs

Heat Stabilized! Self Extinguishing! Nontoxic! UV Resistant!

- Molded from a nylon material which, in the event of a fire, will not burn and will not produce toxic gases. Also formulated for sunlight resistance. Other Heyco products are available in this material—please consult Heyco.
- Closes unneeded panel holes.
- Convex, matte finish head tapers to a thin edge (Except HFP-187 glossy finish).
- Multiple sizes for use in .187" (4,7 mm) to 2" (50,8 mm) diameter holes. Consult Heyco for larger sizes.
- Locks firmly into panel up to .125" (3,2 mm) thick.
- Quick and easy installation.

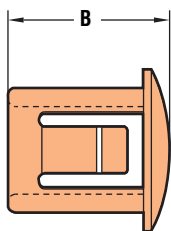
PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter				A Head Diameter		B Overall Height	
in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.
.062	1,6	.187	4,7	2593*	HFP-187	.265	6,7	.240	6,1
.062	1,6	.250	6,4	2606*	HFP-250	.312	7,9	.312	7,9
.062	1,6	.312	7,9	2616*	HFP-312	.375	9,5	.312	7,9
.125	3,2	.375	9,5	2623	HFP-375	.468	11,9	.406	10,3
.125	3,2	.437	11,1	2636	HFP-437	.531	13,5	.406	10,3
.125	3,2	.500	12,7	2646	HFP-500	.570	14,5	.406	10,3
.125	3,2	.625	15,9	2666	HFP-625	.734	18,6	.421	10,7
.125	3,2	.750	19,1	2686	HFP-750	.921	23,4	.406	10,3
.125	3,2	.875	22,2	2706	HFP-875	1.015	25,8	.453	11,5
.125	3,2	1.000	25,4	2716	HFP-1000	1.203	30,6	.453	11,5
.125	3,2	1.093	27,8	2729	HFP-1093	1.218	30,9	.453	11,5
.125	3,2	1.125	28,6						
.125	3,2	1.250	31,7	2749	HFP-1250	1.375	34,9	.453	11,5
.125	3,2	1.375	34,9	2759	HFP-1375	1.500	38,1	.453	11,5
.125	3,2	1.500	38,1	2769	HFP-1500	1.671	42,4	.453	11,5
.125	3,2	1.750	44,5	2779	HFP-1750	1.906	48,4	.453	11,5
.125	3,2	2.000	50,8	2789	HFP-2000	2.170	55,1	.469	11,9

Standard color black.

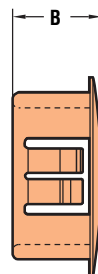
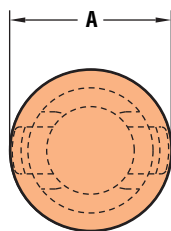
Locking fingers in fractional increments up to the maximum panel thickness.

*Depicts single panel thickness design.

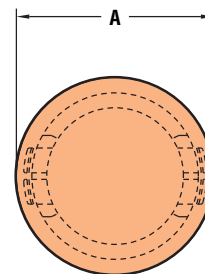
Approximate Head Thickness: .063" (1,6 mm).



SINGLE PANEL THICKNESS DESIGN*



MULTIPLE PANEL THICKNESS DESIGN



Quick Specs

Material
Certifications

6/6 Nylon



Recognized under the Component Program of Underwriters' Laboratories File E51579



Certified by the Canadian Standards Association File LR8919

Flammability Rating

94V-0

Material Temperature Index

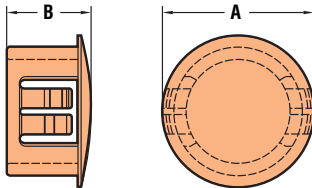
257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



Heyco® Metric Dome Plugs

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.
.098	2,5	.630	16,0	2128	2130	MDP 16	.728	18,5	.406	10,3
.098	2,5	.787	20,0	2131	2132	MDP 20	.890	22,6	.406	10,3
.098	2,5	.984	25,0	2133	2134	MDP 25	1.173	29,8	.453	11,5
.098	2,5	1.260	32,0	2135	2136	MDP 32	1.388	35,3	.453	11,5

Standard color black. Consult Heyco for other colors.
Approximate Head Thickness: .063" (1,6 mm).

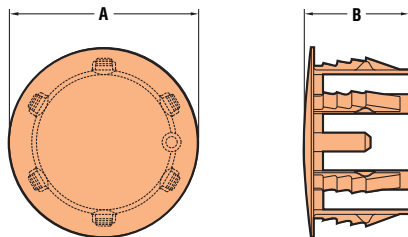


- Closes unneeded panel holes.
- Convex, matte finish head tapers to a thin edge.
- Multiple sizes for use in .630" (16,0 mm) to 1.260" (32,0 mm) diameter holes. For other metric sizes, consult Heyco.
- Locks firmly into panel up to .098" (2,5 mm) thick.
- Quick and easy installation.

Heyco® Insulation Plug

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.
No Max.		1.000	25,4	3149	3150	IPW 1	1.234	31,3	.687	17,5

Standard color black. Consult Heyco for other colors.



- Fills holes in surfaces of unspecified thickness including cabinetry, furniture, display cases—even masonry.
- Closes cavity-fill insulation holes in wood and other type siding.
- Convex, matte finish head blends with various surfaces.
- Holds securely in hole.
- Quick and easy installation with fingertip pressure (no tool required).
- Molded of type 6/6 Nylon. Flammability classification 94V-2.
- Quick Specs below do not apply.

Material Certifications



6/6 Nylon
Recognized under the Component Program of Underwriters' Laboratories, File E15331



Certified by Canadian Standards Association, File LR8919

Flammability Rating

94V-2

Material Temperature Index

257° (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs

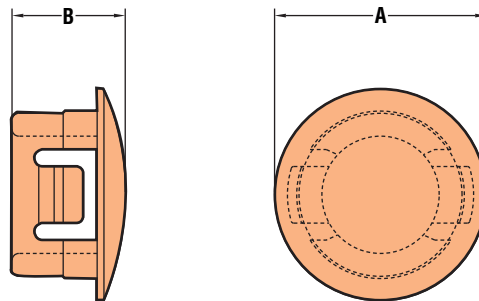


Heyco® Shorty Plugs

- Limited intrusion (1/8" or 3,2 mm) inside the panel.
- Multiple sizes total for mounting holes from .218" (5,5 mm) to 1.093" (27,8 mm).
- Locks firmly in panel up to .062" (1,6 mm) thick.
- Quick and easy installation.

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	
.062	1,6	.218	5,5	1654	1655	SP-218	.281	7,1	.25	6,4
.062	1,6	.281	7,1	1660	1661	SP-281	.343	8,7	.25	6,4
.062	1,6	.312	7,9	1678	1679	SP-312	.375	9,5	.25	6,4
.062	1,6	.343	8,7	1663	1664	SP-343	.406	10,3	.25	6,4
.062	1,6	.375	9,5	1681	1682	SP-375	.468	11,9	.25	6,4
.062	1,6	.406	10,3	1666	1667	SP-406	.468	11,9	.25	6,4
.062	1,6	.437	11,1	1684	1685	SP-437	.531	13,5	.25	6,4
.062	1,6	.468	11,9	1669	1670	SP-468	.531	13,5	.25	6,4
.062	1,6	.500	12,7	1687	1688	SP-500	.563	14,3	.25	6,4
.062	1,6	.531	13,5	1672	1673	SP-531	.593	15,1	.25	6,4
.062	1,6	.593	15,1	1675	1676	SP-593	.687	17,5	.25	6,4
.062	1,6	.625	15,9	1690	1691	SP-625	.718	18,3	.25	6,4
.062	1,6	.750	19,0	1693	1694	SP-750	.843	21,4	.25	6,4
.062	1,6	.781	19,8	1696	1697	SP-781	.890	22,6	.25	6,4
.062	1,6	.875	22,2	1699	1700	SP-875	.968	24,6	.25	6,4
.062	1,6	1.000	25,4	1702	1703	SP-1000	1.200	30,5	.25	6,4
NEW!	.062	1,6	1.093	1705	1706	SP-1093	1.219	31,0	.25	6,4

Standard colors black and white. Consult Heyco for other colors.
Approximate Head Thickness: .063" (1,6 mm).



Quick Specs

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E51579 Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

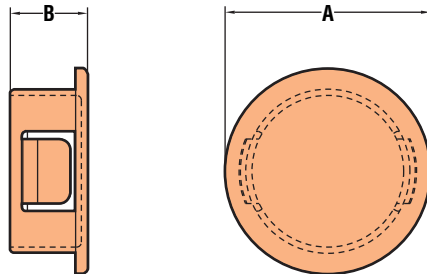


Heyco® Pry Out Plugs

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.
.156	4,0	.250	6,4	3053	3054	POP-250	.421	10,7	.328	8,3
.172	4,4	.312	7,9	3056	3057	POP-312	.510	12,9	.406	10,3
.172	4,4	.375	9,5	3059	3060	POP-375	.578	14,7	.406	10,3
.172	4,4	.437	11,1	3062	3063	POP-437	.609	15,5	.406	10,3
.172	4,4	.500	12,7	3065	3066	POP-500	.671	17,0	.406	10,3
.172	4,4	.562	14,3	3068	3069	POP-562	.734	18,6	.406	10,3
.172	4,4	.625	15,9	3071	3072	POP-625	.796	20,2	.406	10,3
.172	4,4	.687	17,4	3074	3075	POP-687	.890	22,6	.406	10,3
.172	4,4	.750	19,0	3077	3078	POP-750	.968	24,6	.406	10,3
.172	4,4	.812	20,6	3080	3081	POP-812	1.031	26,2	.406	10,3
.172	4,4	.875	22,2	3083	3084	POP-875	1.078	27,4	.406	10,3
.172	4,4	1.000	25,4	3086	3087	POP-1000	1.218	30,9	.406	10,3
.172	4,4	1.093	27,8	3089	3090	POP-1093	1.296	32,9	.406	10,3
.172	4,4	1.187	30,1	3092	3093	POP-1187	1.406	35,7	.406	10,3
.172	4,4	1.250	31,8	3095	3096	POP-1250	1.453	36,9	.406	10,3
.172	4,4	1.375	34,9	3098	3099	POP-1375	1.578	40,1	.453	11,5
.250	6,4	1.500	38,1	3124	3125	POP-1500	1.718	43,6	.453	11,5
.250	6,4	1.750	44,5	2973	2974	POP-1750	1.980	50,3	.475	12,1
.250	6,4	2.000	50,8	2798	2799	POP-2000	2.218	56,4	.483	12,3
.250	6,4	2.500	63,5	2975	2976	POP-2.5	2.691	68,4	.741	18,8

- “POP” in closures for pipe and tubing ends.
- “POP” out removal for reusing the hole or for access.
- Bumper protection.
- Flat, matte finish head.
- Multiple sizes for use in .250” (6,4 mm) to 2.00” (50,8 mm) diameter holes for panel thickness up to .250” (6,4 mm).

Standard color black. Consult Heyco for other colors.
Approximate Head Thickness: .063” (1,6 mm).



NEW!

NEW!

NEW!

Material

6/6 Nylon

Certifications

Recognized under the Component Program of Underwriters' Laboratories, File E51579

SP Certified by the Canadian Standards Association, File LR8919

Flammability Rating

94V-2

Material Temperature Index

257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs

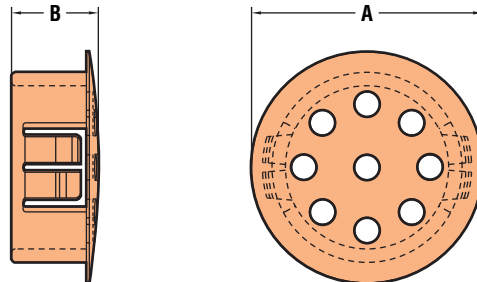


Heyco® Vent Plugs

- Permits the passage of air for ventilation and heat dissipation.
- Convex, matte finish head tapers to a thin edge.
- Multiple sizes for use in .500" (12,7 mm) to 4.00" (101,6 mm) diameter holes.
- VP-500 through VP-875 have 3/32" (2,4 mm) diameter vent holes. All other sizes have 1/8" (3,2 mm) diameter vents.
- Locks firmly into panel up to .250" (6,4 mm) thick.
- Quick and easy installation with only fingertip pressure.

PANEL DIMENSIONS				PART NO.		DESCRIPTION	No. of Vent Holes	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White			A Head Diameter		B Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	
.125	3,2	.500	12,7	2637	2638	VP-500	4	.578	14,7	.406	10,3
.125	3,2	.625	15,8	2657	2658	VP-625	5	.734	18,7	.406	10,3
.125	3,2	.750	19,1	2677	2678	VP-750	8	.906	23,0	.406	10,3
.125	3,2	.812	20,6	2688	2689	VP-812	8	.890	22,6	.406	10,3
.125	3,2	.875	22,2	2697	2698	VP-875	9	1.015	25,8	.453	11,5
.125	3,2	1.000	25,4	2707	2708	VP-1000	9	1.203	30,6	.453	11,5
.125	3,2	1.093 1.125	27,8 - 28,6	2726	2727	VP-1093	9	1.218	30,9	.453	11,5
.125	3,2	1.187	30,2	2736	2737	VP-1187	10	1.312	33,3	.453	11,5
.125	3,2	1.250	31,8	2743	2744	VP-1250	10	1.375	34,9	.453	11,5
.125	3,2	1.250	31,8	2797	—	SVP-1250	4	1.375	34,9	.453	11,5
.125	3,2	1.375	34,9	2756	2757	VP-1375	11	1.500	38,1	.453	11,5
.125	3,2	1.500	38,1	2766	2767	VP-1500	13	1.671	42,4	.453	11,5
.125	3,2	1.750	44,5	2776	2777	VP-1750	13	1.906	48,4	.453	11,5
.125	3,2	2.000	50,8	2786	2787	VP-2000	19	2.140	54,4	.468	11,9
.250	6,4	2.500	63,5	2793	2794	VP-2.5	19	2.718	69,0	.750	19,1
.250	6,4	3.000	76,2	2458	2459	VP-3.0	26	3.171	80,5	.750	19,1
.250	6,4	3.500	88,9	2467	2468	VP-3.5	38	3.656	92,9	.750	19,1
.250	6,4	4.000	101,6	2476	2477	VP-4.0	48	4.156	105,6	.750	19,1

Standard color black. Consult Heyco for other colors.
 Locking fingers in fractional increments up to the maximum chassis thickness.
 Approximate Head Thickness: .063" (1,6 mm). Thickness may vary.



Quick Specs

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579 Certified by Canadian Standards Association, File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

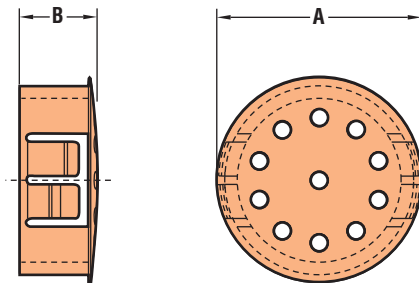


Heyco® Thick Panel Vent Plugs

PANEL DIMENSIONS				PART NO.		DESCRIPTION	No. of Vent Holes	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White			A Head Diameter		B Overall Height	
in.	mm.	in.	mm.								
.250	6,4	.500	12,7	3010	3011	VPT-500	4	.578	14,7	.562	14,3
.250	6,4	.625	15,9	3013	3014	VPT-625	5	.734	18,7	.562	14,3
.250	6,4	.750	19,1	2426	2427	VPT-750	8	.906	23,0	.562	14,3
.250	6,4	.875	22,2	3152	3153	VPT-875	9	1.015	25,8	.562	14,3
.250	6,4	1.000	25,4	3154	3155	VPT-1000	9	1.203	30,6	.562	14,3
.250	6,4	1.093-1.125	27,8-28,6	3032	3033	VPT-1093	9	1.218	30,9	.562	14,3
.250	6,4	1.187	30,2	3160	3161	VPT-1187	10	1.31	33,3	.562	14,3
.250	6,4	1.250	31,7	3034	3035	VPT-1250	10	1.375	34,9	.562	14,3
.250	6,4	1.375	34,9	3036	3037	VPT-1375	11	1.500	38,1	.562	14,3
.250	6,4	1.500	38,1	3156	3157	VPT-1500	13	1.671	42,4	.562	14,3
.250	6,4	1.750	44,5	3038	3039	VPT-1750	13	1.906	48,4	.562	14,3
.250	6,4	2.000	50,8	3158	3159	VPT-2000	19	2.140	54,4	.579	14,7

Standard color black. Consult Heyco for other colors.
 Locking fingers in fractional increments up to the maximum panel thickness.
 Approximate Head Thickness: .063" (1,6 mm). Thickness may vary.

- Convex, matte finish head that tapers to a thin edge.
- Permits the passage of air for ventilation and heat dissipation.
- Locking fingers snap into holes with fingertip pressure for quick and easy installation.
- Withstands a push back force of 35 pounds.
- Available in multiple sizes for use in .500" (12,7 mm) to 2.00" (50,8 mm) diameter holes for panel thickness up to .250" (6,4 mm).



Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579 Certified by Canadian Standards Association, File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco® Glossy Plugs

- Closes unneeded panel openings.
- Smooth, glossy head provides easy glide and shiny finish.
- Multiple sizes for use in .187" (4,7 mm) to 2.00" (50,8 mm) diameter holes.
- Locks firmly in panel up to .125" (3,2 mm) thick.
- Quick and easy installation.

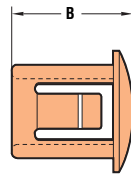
PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	
.062	1,6	.187	4,7	2590*	2591*	DP-187**	.250	6,4	.234	5,9
.062	1,6	.250	6,4	2600*	2601*	G-250	.312	7,9	.312	7,9
.062	1,6	.312	7,9	2610*	2611*	G-312	.375	9,5	.312	7,9
.125	3,2	.375	9,5	2620	2621	G-375	.468	11,9	.406	10,3
.125	3,2	.437	11,1	2630	2631	G-437	.531	13,5	.406	10,3
.125	3,2	.500	12,7	2640	2641	G-500	.563	14,3	.406	10,3
.125	3,2	.562	14,3	2650	2651	G-562	.656	16,7	.406	10,3
.125	3,2	.625	15,9	2660	2661	G-625	.734	18,6	.406	10,3
.125	3,2	.750	19,1	2680	2681	G-750	.859	21,8	.406	10,3
.125	3,2	.875	22,2	2700	2701	G-875	.953	24,2	.453	11,5
.125	3,2	1.000	25,4	2710	2711	G-1000	1.125	28,6	.453	11,5
.125	3,2	1.093	27,8	2720	2721	G-1093	1.218	30,9	.453	11,5
.125	3,2	1.187	30,1	2730	2731	G-1187	1.312	33,3	.453	11,5
.125	3,2	1.375	34,9	2760	2761	G-1375	1.468	37,2	.453	11,5
.125	3,2	1.500	38,1	2770	2771	G-1500	1.609	40,8	.453	11,5
.125	3,2	1.750	44,4	2780	2781	G-1750	1.875	47,6	.453	11,5
.125	3,2	2.000	50,8	2795	2796	G-2000	2.157	54,8	.453	11,5

Standard color black. Consult Heyco for other colors.

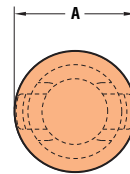
Locking fingers in fractional increments up to the maximum panel thickness.

*Depicts single panel thickness design.

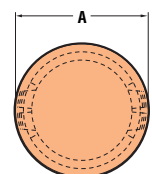
**Domed glossy finished head tapers to a thin edge.



SINGLE PANEL THICKNESS DESIGN*



MULTIPLE PANEL THICKNESS DESIGN



Quick Specs

Material Certifications



6/6 Nylon
Recognized under the Component Program of Underwriters' Laboratories, File E51579



Certified by Canadian Standards Association, File LR8919

Flammability Rating

94V-2

Material Temperature Index

257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

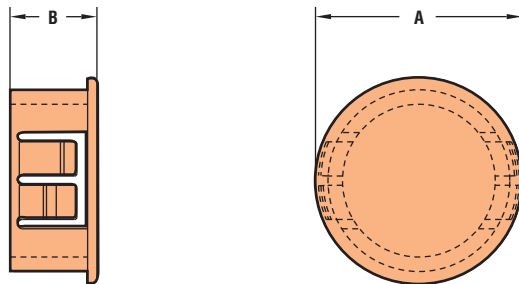


Heyco® Thick Panel Glossy Plugs

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.							
.250	6,4	.500	12,7	2430	2431	GPT-500	.563	14,3	.562	14,3
.250	6,4	.625	15,9	3134*	3135*	GPT-625	.734	18,6	.562	14,3
.250	6,4	.750	19,1	3136*	3137*	GPT-750	.859	21,8	.562	14,3
.250	6,4	.875	22,2	3138	3139	GPT-875	.953	24,2	.562	14,3
.250	6,4	1.000	25,4	3140	3141	GPT-1000	1.125	28,6	.562	14,3
.250	6,4	1.093-1.125	27,8-28,6	3142	3143	GPT-1093	1.218	30,9	.562	14,3
.250	6,4	1.187	30,2	3144	3145	GPT-1187	1.312	33,3	.562	14,3
.250	6,4	1.375	34,9	2432	2433	GPT-1375	1.468	37,3	.562	14,3
.250	6,4	1.500	38,1	2428	2429	GPT-1500	1.620	41,2	.562	14,3
.250	6,4	1.750	44,5	2436	2437	GPT-1750	1.875	47,6	.562	14,3
.250	6,4	2.000	50,8	2438	2439	GPT-2000	2.157	54,8	.562	14,3

Standard color black. Consult Heyco for other colors.
 Locking fingers in fractional increments up to the maximum panel thickness.
 *Depicts single panel thickness design.

- Closes unneeded panel holes and electrical knock-outs.
- Smooth, glossy head provides easy glide finish to the head.
- Locking fingers snap into holes with fingertip pressure for quick and easy installation.
- Withstands a push back force of 35 pounds.
- Available in multiple sizes for use in 1/2" (12,7 mm) to 2" (50,8 mm) diameter holes.



Material 6/6 Nylon
 Certifications Recognized under the Component Program of Underwriters' Laboratories, File E51579
 Certified by Canadian Standards Association, File LR8919
 Flammability Rating 94V-2
 Material Temperature Index 257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



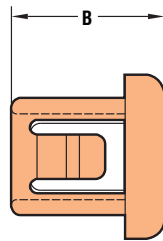
Heyco® Window Plugs

- Molded of transparent polycarbonate for internal viewing or light transmission.
- Multiple sizes for use in .187" (4,7 mm) to 2.00" (50,8 mm) diameter holes.
- Locks firmly into panel up to .125" (3,2 mm) thick.
- Snaps into mounting holes with fingertip pressure—no tools required.

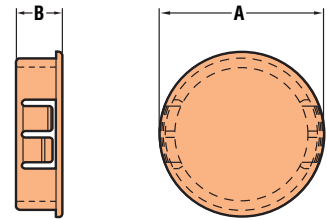
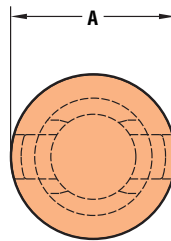
PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter				A Head Diameter		B Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.
.062	1,6	.187	4,7	* 1300	WP-187	.250	6,4	.234	5,9
.062	1,6	.250	6,4	* 1301	WP-250	.312	7,9	.312	7,9
.062	1,6	.312	7,9	* 1302	WP-312	.375	9,5	.312	7,9
.125	3,2	.375	9,5	1303	WP-375	.468	11,9	.406	10,3
.125	3,2	.437	11,1	1304	WP-437	.531	13,5	.406	10,3
.125	3,2	.500	12,7	1305	WP-500	.563	14,3	.406	10,3
.125	3,2	.625	15,9	1307	WP-625	.734	18,6	.406	10,3
.125	3,2	.750	19,1	1309	WP-750	.859	21,8	.406	10,3
.125	3,2	.875	22,2	1311	WP-875	.953	24,2	.453	11,5
.125	3,2	1.000	25,4	1312	WP-1000	1.125	28,6	.453	11,5
.125	3,2	1.093- 1.125	27,8- 28,6	1313	WP-1093	1.218	30,9	.453	11,5
.125	3,2	1.375	34,9	1314	WP-1375	1.468	37,2	.453	11,5
.125	3,2	1.500	38,1	1316	WP-1500	1.609	40,8	.453	11,5
.125	3,2	1.750	44,4	1318	WP-1750	1.875	47,6	.453	11,5
.125	3,2	2.000	50,8	1319	WP-2000	2.157	54,8	.453	11,5

Locking fingers in fractional increments up to the maximum panel thickness.
*Depicts single panel design.

Consult Heyco
for Window Tints
Other Than Clear.



SINGLE PANEL THICKNESS DESIGN*



MULTIPLE PANEL THICKNESS DESIGN

Quick
Specs

Material Polycarbonate
Flammability Rating 94V-2
Material Temperature Index 275°F (135°C)—Maximum temperature on part not to exceed 239°F (115°C)



Heyco® Specialty Window Plugs

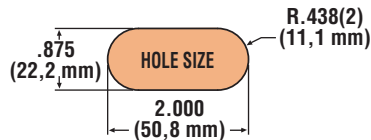
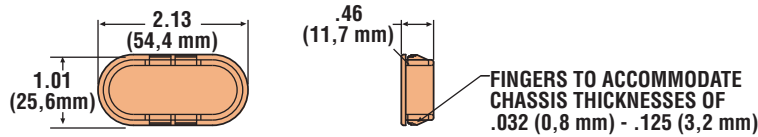


Oval Window Plug

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter				A Head Diameter		B Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.
.062	1,6	.500	12,7	1292	SWP-500	.563	14,3	.406	10,3
.062	1,6	.625	15,9	1293	SWP-625	.734	18,6	.406	10,3
.062	1,6	.750	19,1	1294	SWP-750	.859	21,8	.406	10,3
.062	1,6	.875	22,2	1295	SWP-875	.953	24,2	.453	11,5
.062	1,6	1.000	25,4	1296	SWP-1000	1.125	28,6	.453	11,5
.125	3,2	2.000	50,8	1299	OWP-875-2000	1.01 x 2.13	25,6 x 54,4	.460	11,7

Locking fingers in fractional increments up to the maximum panel thickness.
 *Depicts single panel design.

- Molded of transparent polycarbonate for internal viewing or light transmission.
- Multiple sizes for use in .500" (12,7 mm) to 2" (50,8 mm) diameter holes.
- Locks firmly into panel up to .125" (3,2 mm) thick.
- Snaps into mounting holes with fingertip pressure—no tools required.
- Flammability Rating 94V-2.
- Available in a variety of tints besides clear—consult Heyco.

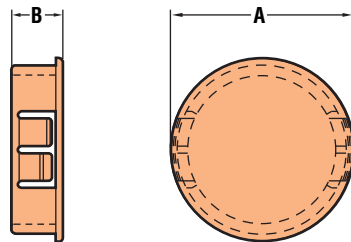


Infrared Window Plug

Blue Transparent Window Plug

Shorty Window Plug

**Consult Heyco
for Window Tints
Other Than Clear.**



MULTIPLE PANEL THICKNESS DESIGN

Material	Polycarbonate
Flammability Rating	94V-2
Material Temperature Index	275°F (135°C)—Maximum temperature on part not to exceed 239°F (115°C)

*Quick
Specs*



Heyco® PG Threaded Plugs

- Molded of shock resistant polystyrol.
- Working temperature range: -4°F (-20°C) to 176°F (80°C).
- Protection Class IP 50.
- Color is light gray Ral 7035.

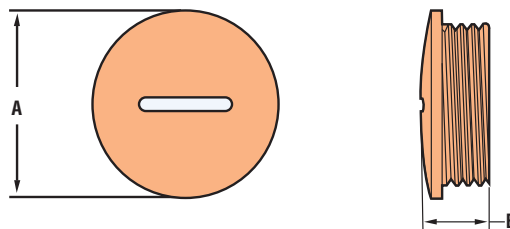
PART DIMENSIONS				PART NO. Gray	DESCRIPTION	THREAD TYPE/SIZE
A Head Diameter		B Overall Height				
in.	mm.	in.	mm.			
.551	14,0	.315	8,0	3405	TP-PG7	PG 7
.787	20,0	.354	9,0	3407	TP-PG9	PG 9
.866	22,0	.354	9,0	3402	TP-PG11	PG 11
.984	25,0	.374	9,5	3412	TP-PG13	PG 13
1.063	27,0	.374	9,5	3414	TP-PG16	PG 16
1.299	33,0	.472	12,0	3416	TP-PG21	PG 21
1.732	44,0	.472	12,0	3418	TP-PG29	PG 29
2.165	55,0	.551	14,0	3415	TP-PG36	PG 36
2.717	69,0	.709	18,0	3417	TP-PG48	PG 48

Standard color gray. Consult Heyco for black and other colors.

Heyco® Metric Threaded Plugs

PART DIMENSIONS				PART NO. Gray	DESCRIPTION	THREAD TYPE/SIZE
A Head Diameter		B Overall Height				
in.	mm.	in.	mm.			
.591	15,0	.394	10,0	3403	TP-M12	M12 x 1,5
.787	20,0	.472	12,0	3404	TP-M16	M16 x 1,5
.945	24,0	.472	12,0	3406	TP-M20	M20 x 1,5
1.181	30,0	.591	15,0	3408	TP-M25	M25 x 1,5
1.457	37,0	.630	16,0	3409	TP-M32	M32 x 1,5
1.811	46,0	.709	18,0	3410	TP-M40	M40 x 1,5
2.165	55,0	.787	20,0	3411	TP-M50	M50 x 1,5
2.717	69,0	.787	20,0	3413	TP-M63	M63 x 1,5

Standard color gray. Consult Heyco for black and other colors.



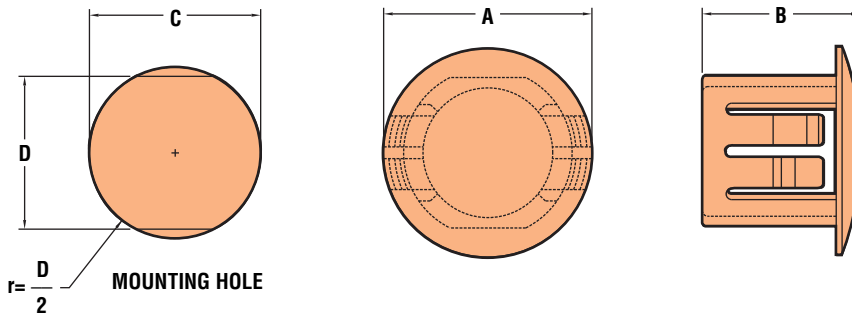


Heyco® Hole Plugs for RDD Holes & Rectangular Lockit

Maximum Thickness	PANEL DIMENSIONS				D		PART NO.		DESCRIPTION	PART DIMENSIONS			
	C				To Prevent Rotation		Black	White		A		B	
	Mounting Hole Diameter				in.	mm.				Head Diameter		Overall Height	
in.	mm.	in.	mm.	in.	mm.					in.	mm.	in.	mm.
.125	3,2	.437	11,1	.390	9,9	2488	2489		DD-437-390	.531	13,5	.406	10,3
.125	3,2	.500	12,7	.445	11,3	2491	2492		DD-500-445	.554	14,7	.406	10,3
.125	3,2	.562	14,3	.530	13,5	2494	2495		DD-562-530	.656	16,7	.406	10,3
.125	3,2	.625	15,9	.550	14,0	2497	2498		DD-625-550	.718	18,2	.406	10,3
.125	3,2	.750	19,1	.625	15,9	2503	2504		DD-750-625	.921	23,4	.406	10,3
.125	3,2	.875	22,2	.770	19,5	2509	2510		DD-875-770	1.016	25,8	.453	11,5

- Closes unwanted strain relief mounting holes or other double faced or Double "D" holes punched or molded with two opposing flats.
- Convex, matte finish head tapers to a thin edge.
- Locks firmly in panels up to .125" (3,2 mm) thick.
- Quick and easy installation.

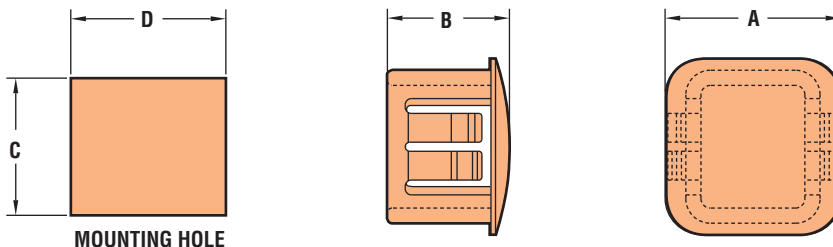
Standard color black. Consult Heyco for other colors.
 Locking fingers in fractional increments up to the maximum panel thickness.
 Approximate Head Thickness: .063" (1,6 mm). Thickness may vary.



Heyco® Rectangular Plugs

Maximum Thickness	PANEL DIMENSIONS				D		C		PART NO.		DESCRIPTION	PART DIMENSIONS			
	D Long Axis				Short Axis		Black	White	A			B			
	in.		mm.		in.		mm.		Head Diameter			Overall Height			
in.	mm.	in.	mm.	in.	mm.					in.	mm.	in.	mm.		
.099	2,5	.512	13,0	.453	11,5	1890	1891		RP-115-130	.580	14,7	.403	10,2		
.157	4,0	.690	17,5	.690	17,5	1892			RP-175-175	.830	21,1	.467	11,9		

Standard color black. Consult Heyco for other colors.



Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E51579 Certified by the Canadian Standards Association File LR8919
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs

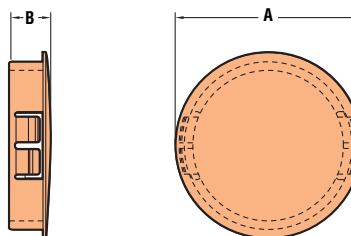


Heyco® Knock-Out Seals

- Plugs electrical knock-outs.
- Molded in gray color to resemble galvanized steel.
- Multiple trade sizes fit 1/2" to 2" knock-out holes.
- Locks firmly in boxes up to 1/8" thick, except for KOS2 and KOSTs which lock firmly in boxes up to 1/4" thick.
- Installs quickly with fingertip pressure (no tool required).
- Economical.

PANEL DIMENSIONS				TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter					A Head Diameter		B Overall Height	
in.	mm.	in.	mm.		Silver Gray		in.	mm.	in.	mm.
.125	3,2	.875	22,2	1/2	3997	KOS 1/2	1.015	25,8	.453	11,5
.125	3,2	1.093	27,8	3/4	3998	KOS 3/4	1.218	31,0	.453	11,5
.125	3,2	1.375	34,9	1	3999	KOS 1	1.500	38,1	.453	11,5
.125	3,2	1.750	44,5	1-1/4	4000	KOS 1-1/4	1.906	48,4	.453	11,5
.125	3,2	2.000	50,8	1-1/2	4001	KOS 1-1/2	2.140	54,4	.453	11,5
.250	6,4	2.500	63,5	2	4002	KOS 2	2.750	69,9	.750	19,1

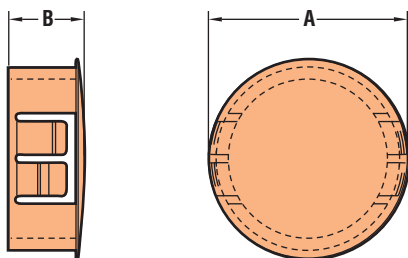
Standard color silver gray. Locking fingers in fractional increments up to the maximum panel thickness. Approximate Head Thickness: .063" (1,6 mm). Thickness may vary.



Heyco® Thick Panel Knock-Out Seals

PANEL DIMENSIONS				PART NO.	TRADE SIZE	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter				A Head Diameter		B Overall Height	
in.	mm.	in.	mm.	Silver Gray		in.	mm.	in.	mm.
.250	6,4	.875	22,2	3991	KOST 1/2	1.015	25,8	.562	14,3
.250	6,4	1.093	27,8	3992	KOST 3/4	1.218	31,0	.562	14,3
.250	6,4	1.375	34,9	3993	KOST 1	1.500	38,1	.562	14,3
.250	6,4	1.750	44,5	3994	KOST 1-1/4	1.906	48,4	.562	14,3
.250	6,4	2.000	50,8	3995	KOST 1-1/2	2.140	54,4	.579	14,7
.250	6,4	2.500	63,5	4002	KOS 2	2.750	69,9	.750	19,1

Standard color silver gray. Locking fingers in fractional increments up to the maximum panel thickness. Approximate Head Thickness: .063" (1,6 mm). Thickness may vary.



Quick Specs

Material: 6/6 Nylon
 Certifications: Recognized under the Component Program of Underwriters' Laboratories, File E51579
 Certified by Canadian Standards Association, File LR8919
 Flammability Rating: 94V-2
 Material Temperature Index: 275°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)



ALL NEW PRODUCTS!



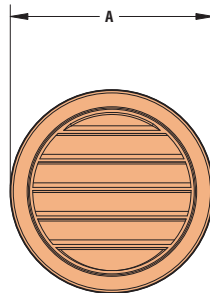
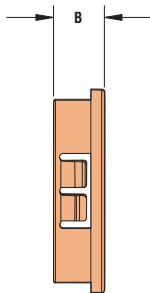
Heyco® Louvered Plugs

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		Mounting Hole Diameter		Black	White		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	
.125	3,2	.875	22,2	2557	2558	LP 875	1.015	25,8	.531	13,5
.125	3,2	1.000	25,4	2559	2560	LP 1000	1.205	30,6	.531	13,5
.125	3,2	1.093	27,8	2561	2562	LP1093	1.218	30,9	.531	13,5
.125	3,2	1.125	28,6							
.125	3,2	1.375	34,9	2567	2568	LP 1375	1.500	38,1	.543	13,8
.125	3,2	1.500	38,1	2569	2570	LP 1500	1.671	42,4	.543	13,8
.125	3,2	2.000	50,8	2594	2595	LP 2000	2.170	55,1	.543	13,8
.250	6,4	2.500	63,5	2596	2597	LP 2.5	2.718	69,0	.823	20,9
.250	6,4	3.000	76,2	2598	2599	LP 3.0	3.171	80,5	.823	20,9

Standard color black. Consult Heyco for other colors.

Locking fingers in fractional increments up to the maximum panel thickness.

- Louvers permit the passage of air for ventilation but limits liquid infiltration.
- Locks firmly into panel up to .250" (6,4 mm) thick.
- Quick and easy installation.
- Suitable for ventilation in electronic enclosures, motor housings and metal or plastic panels.
- Withstands a push back force of 35 lbs.



Material	6/6 Nylon
Certifications	UL Pending
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)–Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs

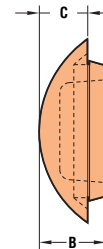
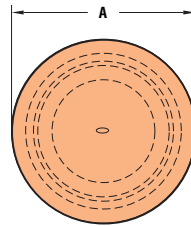


Heyco® Liquid Tight Hole Plugs

- V0 Flammability rating.
- Oil tight, rain tight, submersible.
- Three trade sizes fit 1/2" to 1" knock-out holes.
- Multiple nominal sizes fit .500" to 1.00" "true size" mounting holes.
- Locks firmly in boxes from .030" (0,8 mm) to .125" (3,2 mm) thick.
- Installs with fingertip pressure (no tool required).
- Trade sizes are listed under Underwriters' Laboratories File E28430 and certified by Canadian Standard Association File LR081067C.
- True sizes are recognized under Underwriters' Laboratories File E51579 and certified by Canadian Standard Association File LR008919C.

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter				A Head Diameter	B Overall Height		C Head Thickness		
in.	mm.	in.	mm.	Black	in.	mm.	in.	mm.	in.	mm.	
.125	3,2	.500	12,7	3830	KOS-LT 500	.920	23,4	.450	11,4	.290	7,4
.125	3,2	.625	15,9	3834	KOS-LT 625	1.030	26,2	.470	11,9	.310	7,9
.125	3,2	.750	19,1	3831	KOS-LT 750	1.150	29,2	.510	13,0	.350	8,9
.125	3,2	.875	22,2	3833	KOS-LT 1/2	1.281	32,5	.500	12,7	.359	9,1
.125	3,2	1.000	25,4	3832	KOS-LT 1000	1.410	35,8	.560	14,2	.400	10,2
.125	3,2	1.093	27,8	3835	KOS-LT 3/4	1.531	38,9	.546	13,9	.390	9,9
.125	3,2	1.375	34,9	3837	KOS-LT 1	1.796	45,6	.562	14,3	.421	10,7

Standard color black.



Quick Specs

Material
Flammability Rating

Neoprene-Hardness: 50 Shore A
94V-0

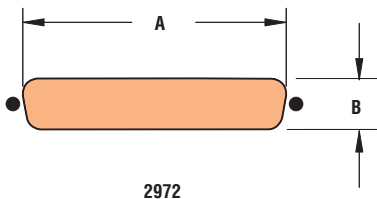
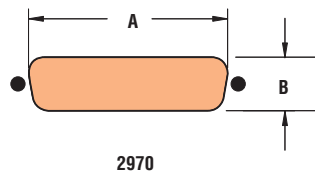
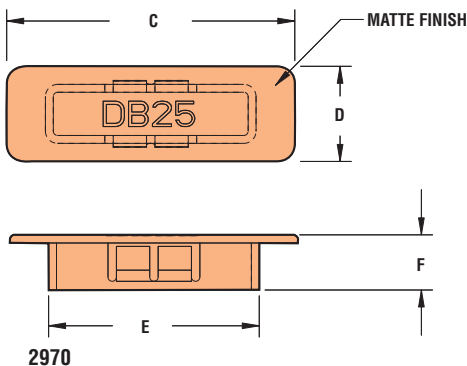
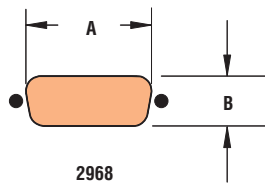
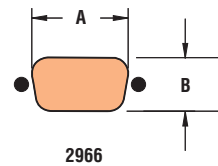
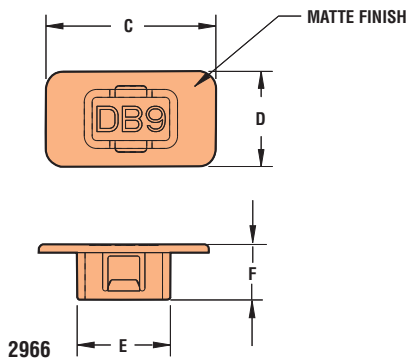


Heyco® Nylon D-Subminiature Mounting Hole Plugs

PANEL DIMENSIONS						PART NO. Black	DESCRIPTION	PART DIMENSIONS							
Maximum Thickness		Mounting Hole Diameter						Head				Body			
in.	mm.	A	B	in.	mm.			C	D	E	F	in.	mm.	in.	mm.
.17	4,3	.81	20,6	.450	11,4	2966	POP-DB9	1.25	31,8	.70	17,8	.69	20,1	.41	10,4
.17	4,3	1.13	28,8	.450	11,4	2968	POP-DB15	1.57	39,8	.70	17,8	1.05	26,7	.41	10,4
.17	4,3	1.67	42,5	.450	11,4	2970	POP-DB25	2.12	51,0	.70	17,8	1.55	39,4	.41	10,4
.17	4,3	2.32	59,1	.450	11,4	2972	POP-DB37	2.77	70,4	.70	17,8	2.23	56,6	.41	10,4

Standard color black. Consult Heyco for other colors.

- Covers unwanted holes in panel and is easily removable.
- Protection from dust particles.
- Provides aesthetic improvement for unused D-subminiature connector mounting holes.
- Fits standard D-Subminiature Cutouts for 9,15, 25 and 37 pin connectors.
- Suitable for use as dust protection for unused parallel and serial ports on computers and other electrical equipment.
- Quick and easy installation with fingertip pressure.



Custom Color Match and Special Engraved Identification Available. Consult Heyco for Details

Material	6/6 Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579
	Certified by Canadian Standards Association, File pending
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



Heyco® Hole Plugs LabKit #3

(Part No. 2997)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco Kits contain an assortment of our most popular plugs.
- Heyco also offers lab kits for Liquid Tight Cordgrips (2-20), Strain Relief Bushings (3-29), Bushings (4-23), Cable and Hose Clamps (6-24), and Wire Connectors (7-23).



Heyco®
Nylon
Cable Clamps
6-1



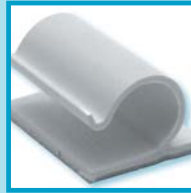
Heyco®
Cable Clamps,
Push &
Snap Lock
6-2



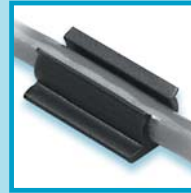
Heyco®
Lockit
Hose Clamps
6-3



Heyco®
Nylon
Hose Clamps
& Heyco®
Nylon Strap
Mates™
6-4



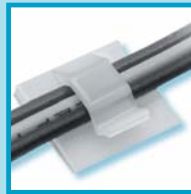
Heyclip™
“J” & “C”
Style Wire
Clips
6-5



Heyclip™
“U” Style
Wire Clips
6-6



Heyclip™
Vinyl
Wire Clips
6-7



Heyclip™
Non-Locking
Wire Clips &
Heyclip™
Flat Wire Clips
6-8



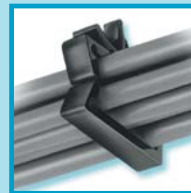
Heyclip™
Wire Clips-
PVC & Nylon
6-9, 6-10



Heyclip™
Push Mount
Wire Clips
6-11



Heyclip™
“P” Style Wire
and Cable
Holder &
Heyco®
Lockit Loops
6-12



Heyco®
Wire and
Cable
Holders
6-13



Heyco®
Shorty Wire and
Cable Holders
6-14



Heyco®
Cable Ties
6-15, 6-16



Heyco®
Nytyes Mounting
Platforms &
Cable Tie
Tensioning Tool
6-17



Heyco®
Beaded
Ties
6-18



Heyco®
Nylon Rivets,
Arrow Clips
& Push-in
Fasteners
6-19, 6-20



Heyco®
Cable Wrap
6-21



Heyco®
Braided
Sleeving
6-22



Heyco®
Nylon PCB
Supports
6-23



Heyco®
Cable Clamps
LabKit #5
Heyco®
Hose Clamps
LabKit #9
6-24

HEYCO® Wire Positioning



Heyco® Nylon Cable Clamps

Light Duty—3/8" (9,5 mm) Wide, .050" (1,3 mm) Thick

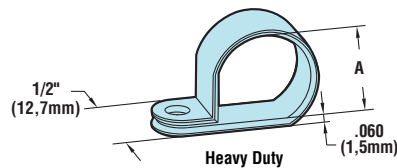
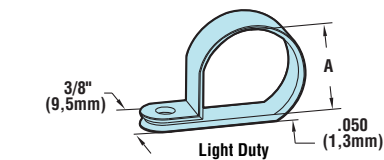
- For clamping cable or tubing securely into place.
- All parts are size marked in inches and millimeters.
- Resists corrosion, salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- See page 6-20 for Arrow Clips and Push-In Fasteners suitable for securing Heyco Cable Clamps.
- Molded in natural. Black or 94V-0 halogen free polyamide available.

MOUNTING HOLE DIAMETER		SCREW SIZE	PART NO.		94V-0 HALOGEN FREE	DESCRIPTION	PART DIMENSIONS A	
in.	mm.		Black	Natural			in.	mm.
.170	4,3	8	3362	3312	—	CCL 125-170	.125	3,2
			3363	3313	—	CCL 187-170	.187	4,7
			3364	3314	—	CCL 250-170	.250	6,3
			3365	3315	—	CCL 312-170	.312	7,9
			3366	3316	—	CCL 375-170	.375	9,5
			3367	3317	—	CCL 437-170	.437	11,1
			3368	3318	—	CCL 500-170	.500	12,7
			.203	5,2	10	3352	3302	3873
3353	3303	3874				CCL 3/16	.187	4,7
3354	3304	3875				CCL 1/4	.250	6,4
3355	3305	3876				CCL 5/16	.312	7,9
3356	3306	3877				CCL 3/8	.375	9,5
3357	3307	3878				CCL 7/16	.437	11,1
3358	3308	3879				CCL 1/2	.500	12,7

Heavy Duty—1/2" (12,7 mm) Wide, .060" (1,5 mm) Thick

MOUNTING HOLE DIAMETER		SCREW SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS A	
in.	mm.		Black	Natural		in.	mm.
.203	5,2	10	3372	3322	CCH 1/8	.125	3,2
			3373	3323	CCH 3/16	.187	4,7
			3374	3324	CCH 1/4	.250	6,4
			3375	3325	CCH 5/16	.312	7,9
			3376	3326	CCH 3/8	.375	9,5
			3377	3327	CCH 7/16	.437	11,1
			3378	3328	CCH 1/2	.500	12,7
			3379	3329	CCH 9/16	.562	14,3
			3380	3330	CCH 5/8	.625	15,9
			3381	3331	CCH 11/16	.687	17,4
			3382	3332	CCH 3/4	.750	19,1
			3383	3333	CCH 13/16	.812	20,6
			3384	3334	CCH 7/8	.875	22,2
			3390	3340	CCH 1	1.000	25,4
			3392	3342	CCH 1-1/8	1.125	28,6
			3393	3343	CCH 1-3/16	1.187	30,1
			3394	3344	CCH 1-1/4	1.250	31,8
			3396	3346	CCH 1-3/8	1.375	34,9
			3398	3348	CCH 1-1/2	1.500	38,1

Standard color natural. Black and other colors available at extra charge with quantity minimums.



Quick Specs

Material
Certifications

6/6 Nylon
Recognized under the Component Program of Underwriters' Laboratories File E54523

Flammability Rating

94V-2

Material Temperature Index

185°F (85°C) except select cable clamps molded in halogen-free 94V-0 Nylon



ALL NEW PRODUCTS!

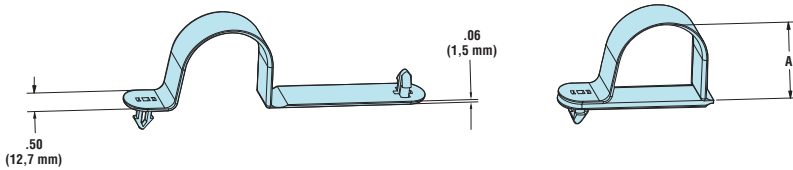


Heyco® Push Lock Cable Clamps

EFFECTIVE CLAMP RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS	
Mounting Hole Diameter		Maximum Panel Thickness		Black	Natural		A	
in.	mm.	in.	mm.			in.	mm.	
.187	4,8	.125	3,2	3730	3731	PLCC 1125	1.125	28,8
.187	4,8	.125	3,2	3734	3735	PLCC 1187	1.187	30,1
.187	4,8	.125	3,2	3738	3739	PLCC 1250	1.250	31,8
.187	4,8	.125	3,2	3742	3743	PLCC 1375	1.375	34,9
.187	4,8	.125	3,2	3746	3747	PLCC 1500	1.500	38,1

Standard colors black and natural.

- Quick and easy installation.
- For clamping cable or tubing securely in place.
- Resists corrosion, salt water, weak acids, grease, and common solvents. This feature is not assessed by UL certification or testing.
- Push in arrows for easy installation with no additional hardware.



ALL NEW PRODUCTS!

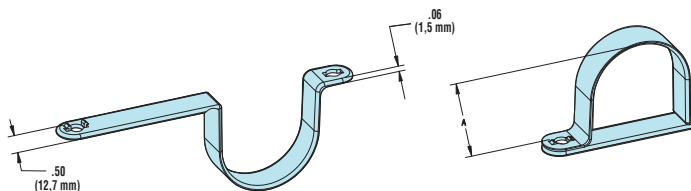


Heyco® Snap Lock Cable Clamps

EFFECTIVE CLAMP RANGE		SCREW SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS	
Mounting Hole Diameter			Black	Natural		A	
in.	mm.				in.	mm.	
.190	4,8	#10	3728	3729	SLCC 1125	1.125	28,8
.190	4,8	#10	3732	3733	SLCC 1187	1.187	30,1
.190	4,8	#10	3736	3737	SLCC 1250	1.250	31,8
.190	4,8	#10	3740	3741	SLCC 1375	1.375	34,9
.190	4,8	#10	3744	3745	SLCC 1500	1.500	38,1

Standard colors black and natural.

- Quick and easy installation.
- For clamping cable or tubing securely in place.
- Locking feature allows for preassembly on wire for ease of installation.
- Resists corrosion, salt water, weak acids, grease, and common solvents. This feature is not assessed by UL certification or testing.
- Locks securely but can be removed and reused.



Material: 6/6 Nylon
 Flammability Rating: 94V-2
 Material Temperature Index: 257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



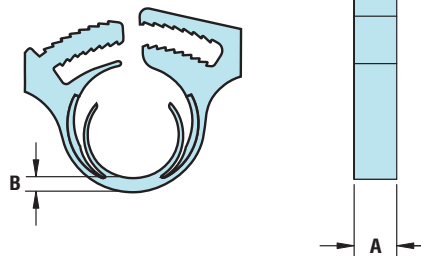
ALL NEW PRODUCTS!

Heyco® Lockett™ Hose Clamps

- Double row of teeth for more secure grip.
- Retainer clip allows clamp to be pre-positioned on hose before final installation.
- Quick and easy installation. Tightens instantly with hand pliers.
- Supertough nylon clamps offer additional clamping strength.
- Outlasts tubing under pressure.
- Lightweight yet resists corrosion, salt water, weak acids, grease, and common solvents. This feature is not assessed by UL certification or testing.
- Non-conductive and non-magnetic.
- No moving pieces to seize or vibrate loose.
- Reusable. Can be removed without cutting.

EFFECTIVE CLAMP RANGE				PART NO.	DESCRIPTION	PART DIMENSIONS			
Minimum Diameter		Maximum Diameter				A Clamp Thickness		B Strap Thickness	
in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.
.344	8,7	.406	10,3	2388	LHC-344	.250	6,4	.080	2,0
.531	13,5	.593	15,1	2391	LHC-531	.250	6,4	.080	2,0
.671	17,0	.812	20,6	2393	LHC-672	.250	6,4	.080	2,0

Standard color black.



Quick Specs

Material	6/6 Nylon
Flammability Rating	94HB
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)
Maximum Pressure Rating	200 psi

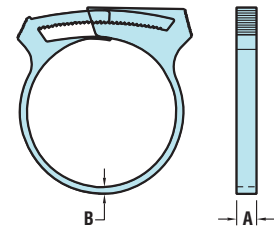


Heyco® Nylon Hose Clamps

EFFECTIVE CLAMP RANGE				PART NO.			DESCRIPTION	PART DIMENSIONS			
Minimum Diameter		Maximum Diameter		6/6 NYLON		GF* NYLON		A		B	
in.	mm.	in.	mm.	Black	White	Black		in.	mm.	in.	mm.
.250	6,4	.312	7,9	—	—	2302	HC 250	.125	3,2	.040	1,0
.344	8,7	.406	10,3	2306	2307	2308	HC 344	.210	5,3	.070	1,8
.406	10,3	.468	11,9	2310	2311	2312	HC 406				
.468	11,9	.531	13,5	2314	2315	2316	HC 468				
.531	13,5	.593	15,1	2318	2319	2320	HC 531				
.593	15,1	.656	16,7	2322	2323	2324	HC 593				
.671	17,1	.812	20,6	2326	2327	2328	HC 672				
.750	19,1	.875	22,2	2330	2331	2332	HC 750				
.875	22,2	1.000	25,4	2334	2335	2336	HC 875				
.953	21,2	1.093	26,2	2338	2339	2340	HC 953				
1.031	26,2	1.187	30,2	2342	2343	2344	HC 1031				
1.250	31,8	1.437	36,5	2346	2347	2348	HC 1250	.360	9,1	.070	1,8
1.406	35,7	1.625	41,3	2350	2351	2352	HC 1406				
1.593	15,1	1.812	46,0	2354	2355	2356	HC 1593				
1.687	42,9	1.906	48,4	2358	2359	2360	HC 1687				
1.875	47,6	2.125	54,0	2362	2363	2364	HC 1875	.400	10,2	.070	1,8
2.125	54,0	2.375	60,3	2366	2367	2368	HC 2.125				

Standard colors 6/6 nylon available black. Glass filled nylon standard color is black.
GF*: Glass-filled nylon material flammability classification 94HB.

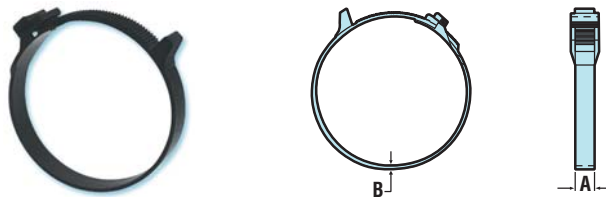
- Quick and easy installation. Tightens instantly with hand pliers.
- Glass-filled nylon clamps offer additional clamping strength.
- Outlasts tubing under pressure.
- Lightweight yet resists corrosion, salt water, weak acids, grease, and common solvents. This feature is not assessed by UL certification or testing.
- Reusable. Can be removed without cutting.
- HC 250 has single tang design and is molded of glass-filled nylon.



Heyco® Nylon Strap Mates™

EFFECTIVE CLAMP RANGE				PART NO. GF NYLON Black	DESCRIPTION	PART DIMENSIONS			
Minimum Diameter		Maximum Diameter				A		B	
in.	mm.	in.	mm.			in.	mm.	in.	mm.
1.937	49,2	2.281	57,9	2374	HC 1930	.440	11,2	.080	2,0
2.250	57,1	2.875	73,0	2377	HC 2.25				
2.750	69,8	3.625	92,1	2380	HC 2.75				
3.500	88,9	4.250	108,0	2383	HC 3.5				
4.000	101,6	5.000	127,0	2386	HC 4.0				

Standard color black.



- Larger than standard Heyco hose clamps; strap mates provide effective clamp range from 1.937" (49,2 mm) to 5.0" (127,0 mm).
- Strap mates are molded of glass-filled nylon only.
- Quick and easy installation. Tightens instantly with hand pliers.

Material	6/6 or glass-filled Nylon
Flammability Rating	94V-2 for 6/6 Nylon 94HB for glass-filled Nylon
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)
Maximum Pressure Rating	125 psi

Quick Specs



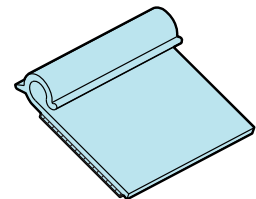
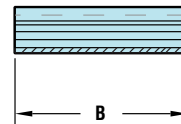
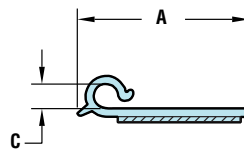
Heyclip™ "J" Style Wire Clips

Adhesive-Backed

- Low profile design perfect when clearance is a concern.
- Made of PVC with large adhesive base for greater holding power.
- Quick and easy installation—simply peel off backing and press into place. Clips should be stored at a temperature of 60°F (16°C) to 80°F (27°C).
- Multiple sizes ranging from .125" (3,2 mm) to .500" (12,7 mm).
- Rated static loads apply for parts fastened to a flat, clean, dry surface used within a temperature range of -20°F (-29°C) to 150°F (66°C).
- Apply to a clean dry surface.

MAX. BUNDLE DIAMETER		PART NO.	DESCRIPTION	RATED STATIC LOAD (lb.)	PART DIMENSIONS					
in.	mm.				A		B		C	
.125	3,2	3839	WCJA 125-750	3/4	1.00	25,4	1.00	25,4	.21	5,3
.187	4,7	3840	WCJA 187-1000	1	1.00	25,4	1.25	31,8	.27	6,9
.250	6,4	3841	WCJA 250-1125	1-1/8	1.00	25,4	1.50	38,1	.34	8,6
.312	7,9	3842	WCJA 312-1750	1-3/4	1.25	31,8	1.75	44,5	.42	10,7
.375	9,5	3843	WCJA 375-2000	2	1.25	31,8	2.00	50,8	.48	12,2
.500	12,7	3844	WCJA 500-2250	2-1/4	1.25	31,8	2.25	57,2	.64	16,3

Standard color clear.



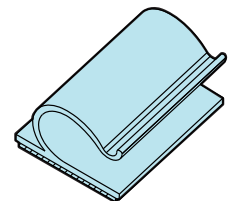
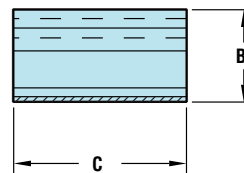
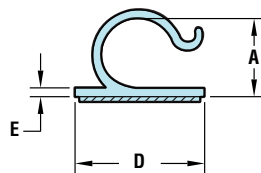
Heyclip™ "C" Style Wire Clip

Adhesive-Backed

- Low profile design perfect when clearance is a concern.
- Made of PVC with large adhesive base for greater holding power.
- Quick and easy installation—simply peel off backing and press into place. Recommended storage temperature from 60°F (16°C) to 80°F (27°C), and approximate relative humidity of 50%.
- Install and use at a temperature range of -20° (-29°C) to 150°F (66°C).
- Apply to a clean dry surface.

MAX. BUNDLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS									
in.	mm.			A		B		C		D		E	
.500	12,7	3794	WCCA 500	.48	12,2	.57	14,5	1.00	25,4	.75	19,1	.05	1,3

Standard color white.





Heyclip™ "U" Style Wire Clip

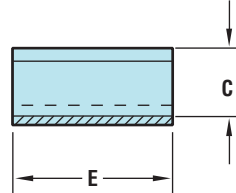
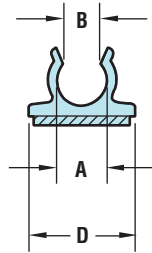
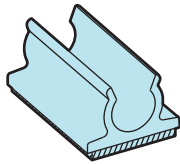
Adhesive-Backed



MAX. BUNDLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS									
in.	mm.			A		B		C		D		E	
.250	6,4	3792	WCUA 250	.19	4,8	.15	3,8	.27	6,9	.42	10,7	.63	16,0

Standard color black.

- Compact design combined with a strong acrylic based adhesive provides a low cost means of routing a .250" (6,4 mm) diameter cable or tubing.
- Made of Vinyl.
- Temperature range of 0°F (-18°C) to 150°F (66°C). Recommended storage temperature from 60°F (16°C) to 80°F (27°C), and approximate relative humidity of 50%.
- Apply to a clean dry surface.





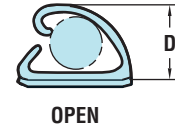
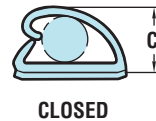
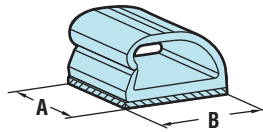
Heyclip™ Vinyl Wire Clips

Adhesive-Backed

- Expandable design allows for larger wire range.
- Low profile design when clearance is a problem.
- Made of extruded PVC.
- Multiple sizes ranging from .125" (3,2 mm) to 1.00" (25,4 mm).
- Quick and easy installation—simply peel off backing and press into place. Recommended storage temperature from 60°F (16°C) to 80°F (27°C), and approximate relative humidity of 50%.
- Rated static loads apply for parts fastened to a flat, clean, dry surface used within a temperature range of -20°F (-29°C) to 150°F (66°C).

EFFECTIVE CLAMP RANGE				PART NO. Gray	RATED STATIC LOAD (lb.)	DESCRIPTION	PART DIMENSIONS							
Minimum Diameter		Maximum Diameter					A		B		C		D	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.125	3,2	.250	6,4	3821	1/8	WCAV 125	.50	12,7	.50	12,7	.28	7,1	.34	8,6
.250	6,4	.500	12,7	3822	1/4	WCAV 250	.75	19,1	.75	19,1	.40	10,2	.66	16,8
.500	12,7	.750	19,1	3823	1/2	WCAV 500	1.00	25,4	1.13	28,7	.56	14,2	.87	22,1
.750	19,1	1.000	25,4	3824	7/8	WCAV 750	1.25	31,8	1.50	38,1	.74	18,8	1.20	30,5

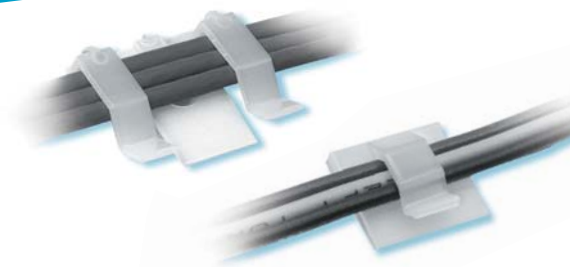
Standard color gray.





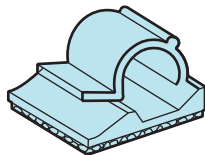
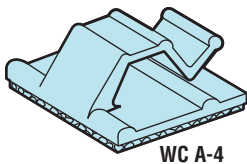
Heyclip™ Nonlocking Wire Clips

Adhesive-Backed

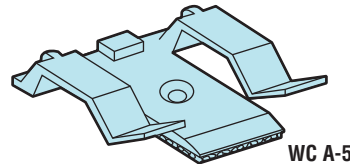


PART NO.	DESCRIPTION	PART DIMENSIONS					
		Bundle Diameter		Overall Height		Base	
		in.	mm.	in.	mm.	in.	mm.
3638	WCA-4	.125 x .250	3,2 x 6,4	.250	6,4	.625 x .625	15,9 x 15,9
3629	WCA-43	.190	4,8	.313	7,9	.625 x .625	15,9 x 15,9
3636	WCA-44	.250	6,4	.375	9,5	.625 x .625	15,9 x 15,9
3637	WCA-46	.375	9,5	.500	12,7	.750 x .750	19,1 x 19,1
3639	WCA-5	.125 x .500	3,2 x 12,7	.313	7,9	1.000 x 1.125	25,4 x 28,6

Standard color natural.



WC A-44
WC A-46



- 6/6 Nylon with a 94V-2 flammability rating.
- Gathers and directs cables singly or in groups smaller than those accommodated by Heyco Wire Holders.
- WCA-5 may also be screw mounted. #6 screws not included.



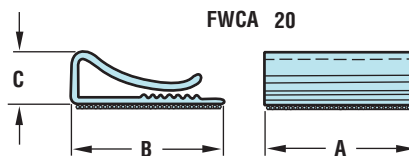
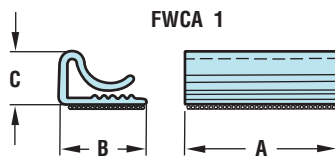
Heyclip™ Flat Wire Clips

Adhesive-Backed



WILL FIT THESE CABLES	PART NO.	DESCRIPTION	PART DIMENSIONS					
			A		B		C	
			in.	mm.	in.	mm.	in.	mm.
For 1 to 20 conductors	3788	FWCA 1	1.00	25,4	.57	14,5	.36	9,1
For 20 or more conductors	3789	FWCA 20	1.00	25,4	1.00	25,4	.36	9,1

Standard color clear.



- Made of PVC with a 94V-0 flammability rating.
- Organizes and retains ribbon cable but will work with other flat wires/cables.
- Flat cable is easily inserted or removed from FWCA 1 or FWCA 20. A serrated inner base reduces slippage once the cable is installed in the clip.
- Quick and easy installation—simply peel off backing and press into place.
- Recommended storage temperature from 60°F (16°C) to 80°F (27°C), and approximate relative humidity of 50%.
- Apply to a clean dry surface.



Heyclip™ Wire Clips–PVC

Standard Duty, Adhesive-Backed

- Extruded clip for extra flexibility.
- Made of PVC co-polymer.
- Releasable and reusable clips for easy wire routing.
- Multiple sizes from .187" (4,7 mm) to .750" (19,1 mm) in both light and heavy duty styles.
- Recommended storage temperature from 60°F (16°C) to 80°F (27°C), and approximate relative humidity of 50%.
- Rated static loads apply for parts fastened to a flat, clean, dry surface used within a temperature range of -20°F (-29°C) to 150°F (66°C).
- See page 6-10 for Heyclip Installation Instructions.

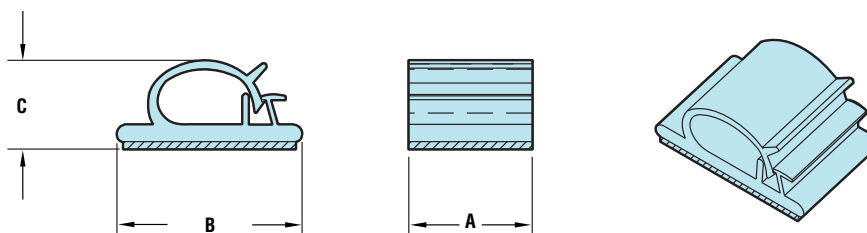
MAX. BUNDLE DIAMETER		PART NO. Black	DESCRIPTION	RATED STATIC LOAD (lb.)	PART DIMENSIONS					
in.	mm.				A		B		C	
					in.	mm.	in.	mm.	in.	mm.
.187	4,7	3888	WCA L 187-125	1/8	.50	12,7	.75	19,1	.31	7,9
.250	6,4	3889	WCA L 250-187	3/16	.50	12,7	1.02	25,9	.41	10,4
.375	9,5	3893	WCA L 375-250	1/4	.50	12,7	1.00	25,4	.52	13,2
.500	12,7	3895	WCA L 500-312	5/16	.50	12,7	1.25	31,8	.67	17,0
.625	15,9	3896	WCA L 625-375	3/8	.63	16,0	1.25	31,8	.77	19,6
.750	19,1	3897	WCA L 750-500	1/2	.75	19,1	1.50	38,1	.94	23,9

Standard color black.

Heavy Duty, Adhesive-Backed

MAX. BUNDLE DIAMETER		PART NO. Black	DESCRIPTION	RATED STATIC LOAD (lb.)	PART DIMENSIONS					
in.	mm.				A		B		C	
					in.	mm.	in.	mm.	in.	mm.
.187	4,7	3898	WCA H 187-250	1/4	1.00	25,4	.75	19,1	.31	7,9
.250	6,4	3899	WCA H 250-375	3/8	1.00	25,4	1.02	25,9	.41	10,4
.375	9,5	3900	WCA H 375-500	1/2	1.00	25,4	1.00	25,4	.52	13,2
.500	12,7	3901	WCA H 500-625	5/8	1.00	25,4	1.25	31,8	.67	17,0
.625	15,9	3902	WCA H 625-750	3/4	1.25	31,8	1.25	31,8	.77	19,6
.750	19,1	3903	WCA H 750-1000	1	1.50	38,1	1.50	38,1	.94	23,9

Standard color black.





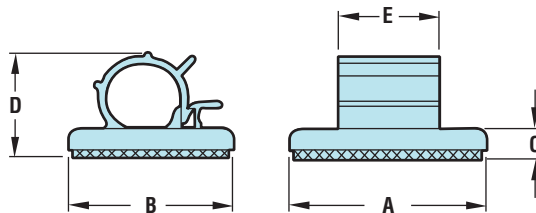
Heyclip™ Wire Clips—Nylon

Adhesive-Backed

MAX. BUNDLE DIAMETER	PART NO.	DESCRIPTION	RATED STATIC LOAD (lb.)	PART DIMENSIONS									
				A		B		C		D		E	
	Gray			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.187	4,7	3857 WCA 187-500	1/2	.74	18,8	.62	15,7	.08	2,0	.34	8,6	.39	9,9
.250	6,4	3858 WCA 250-750	3/4	1.00	25,4	.87	22,1	.10	2,5	.42	10,7	.63	16,0
.375	9,5	3859 WCA 375-1000	1	1.00	25,4	1.00	25,4	.09	2,3	.50	12,7	.63	16,0
.500	12,7	3860 WCA 500-1250	1-1/4	1.00	25,4	1.21	30,7	.11	2,8	.68	17,3	.64	16,3
.750	19,1	3861 WCA 750-1750	1-3/4	1.15	29,2	1.45	36,8	.13	3,3	.99	25,1	.64	16,3
1.000	25,4	3867 WCA 1000-4000	4	1.98	50,3	2.24	56,9	.14	3,6	1.37	34,8	1.26	32,0

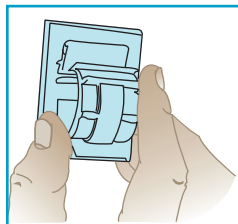
Standard color gray.

- Quick and easy installation—simply peel off backing and press into place.
- Made of 6/6 Nylon with a 94V-2 flammability rating.
- Recommended storage temperature from 60°F (16°C) to 80°F (27°C), and approximate relative humidity of 50%.
- Rated static loads apply for parts fastened to a flat, clean, dry surface within a temperature range of -20°F (-29°C) to 150°F (66°C).
- Multiple sizes available for bundles from .187" (4,7 mm) to 1.000" (25,4 mm).
- Apply to a clean dry surface.

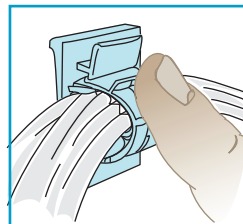


Heyclip™ Installation Instructions

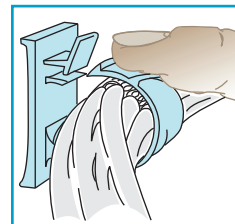
Adhesive-Backed Wire Clips



Heyclip attaches easily to any commercial surface. Backing strips off easily.



Unique closure operates easily, locks securely. When closed, Heyclip will not release until push tab is released.



Heyclip opens easily to permit removal of bundle.



Heyclip™ Push Mount Wire Clips

For Panels .020" to .080" Thick

- Push mount design allows for fast installation.
- Made of 6/6 Nylon with a 94V-2 flammability rating.
- Releasable and reusable wire clip.
- Bayonet design allows from .020" panel thickness to .150" (3,81 mm). Bayonet snap locks into a .250" (6.35 mm) hole and will hold a 25 pound continuous load or a 50 pound impact load.
- Multiple sizes available for bundles from .187" (4,7 mm) to 1.00" (25,4 mm).

MAX. BUNDLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS													
in.	mm.			A		B		C		D		E		F			
.187	4,7	3845	PMWC 187-20	.55	14,0	1.00	25,4	.39	9,9	.38	9,7						
.250	6,4	3846	PMWC 250-20	.58	14,7	1.00	25,4	.44	11,2	.41	10,4						
.375	9,5	3847	PMWC 375-20	.65	16,5	1.00	25,4	.53	13,5	.50	12,7						
.500	12,7	3848	PMWC 500-20	.77	19,6	1.19	30,2	.72	18,3	.60	15,2	.20	5,1	.30	7,6		
.750	19,1	3849	PMWC 750-20	.88	22,4	1.38	35,1	.97	24,6	.67	17,0						
1.000	25,4	3853	PMWC 1000-20	1.37	34,8	1.88	47,8	1.30	33,0	1.00	25,4						

Standard color gray.



For Panels 0.090" to .150" Thick

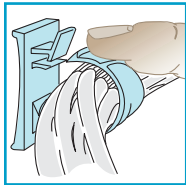
MAX. BUNDLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS													
in.	mm.			A		B		C		D		E		F			
.187	4,7	3880	PMWC 187-90	.55	14,0	1.00	25,4	.39	9,9	.38	9,7						
.250	6,4	3881	PMWC 250-90	.58	14,7	1.00	25,4	.44	11,2	.41	10,4						
.375	9,5	3882	PMWC 375-90	.65	16,5	1.00	25,4	.53	13,5	.50	12,7						
.500	12,7	3883	PMWC 500-90	.77	19,6	1.19	30,2	.72	18,3	.60	15,2	.20	5,1	.37	9,4		
.750	19,1	3884	PMWC 750-90	.88	22,4	1.38	35,1	.97	24,6	.67	17,0						
1.000	25,4	3885	PMWC 1000-90	1.37	34,8	1.88	47,8	1.30	33,0	1.00	25,4						

Standard color gray.

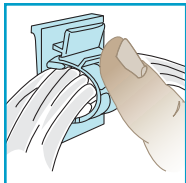
Push Mount Wire Clips Instructions



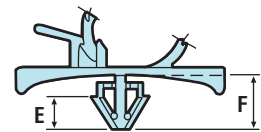
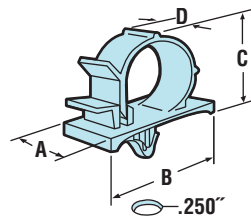
Simply insert base of clip into .250" hole.



Heyclip opens easily for access to bundle.

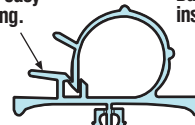


Unique lock/release feature operates easily and locks securely. When closed, Heyclip will not open until tab is released.



Release tab provides easy opening without forcing.

Barbed locking element insures reliable retention.



Quick lock/release allows fast lock-up and easy access to wire bundle.

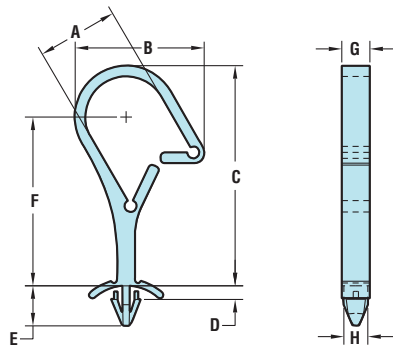
Unique design of push mount permits fast installation and provides high pull-out resistance.



Heyco® "P" Style Wire and Cable Holder

PART NO.	DESCRIPTION	PART DIMENSIONS															
		A		B		C		D		E		F		G		H	
Natural		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
3598	CH RJ-625	.62	15,7	1.00	25,4	1.698	42,9	.105	2,7	.31	7,8	1.30	33,0	.22	5,6	.19	4,8

Standard color natural.



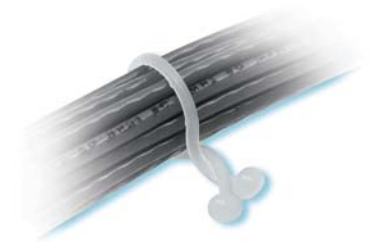
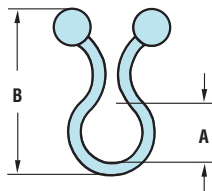
- Push mount design for fast installation.
- Maximum panel thickness is .090" (2,3 mm).
- Mounting hole diameter is .187" (4,8 mm).

Heyco® Lockit™ Loops

More Positive Lock!

PART NO. Natural	DESCRIPTION	PART DIMENSIONS			
		A		B	
		in.	mm.	in.	mm.
3793	LL-250	.250	6,4	0.835	21,2
3795	LL-375	.375	9,5	1.020	25,9
3797	LL-500	.500	12,7	1.195	30,4
3799	LL-750	.750	19,1	1.450	36,8

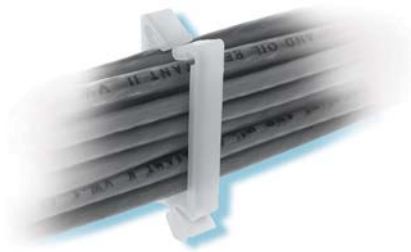
Standard color natural.



- Locking ends "twist" into place with fingertip pressure.
- Releasable and reusable loops for easy wire bundling.
- Smooth, radiused edges ensure that Lockit Clips won't cut into cable's insulation—or the installer's hand.
- Barreled ends for greater holding power.

Material	6/6 Nylon
Flammability Rating	94V-2

Quick Specs



Heyco® Wire and Cable Holders

Vertical Orientation—Top Entry

Regular Gate

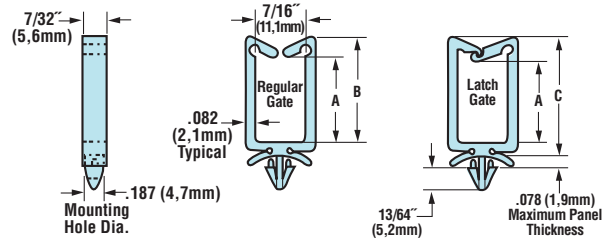
PART NO.	DESCRIPTION	PART DIMENSIONS					
		A		B		C	
Natural		in.	mm.	in.	mm.	in.	mm.
3600	CH-R-12	.171	4,4	.343	8,7	.484	12,3
3605	CH-R-18	.390	9,9	.578	14,7	.718	18,2
3610	CH-R-27	.750	19,0	.937	23,8	1.062	27,0
3615	CH-R-35	1.062	27,0	1.250	31,7	1.375	35,0

Latch Gate

3620	CH-L-12	.140	3,6	.343	8,7	.484	12,3
3625	CH-L-18	.360	9,1	.575	14,7	.718	18,2
3630	CH-L-27	.718	18,2	.937	23,8	1.000	27,0
3635	CH-L-35	1.031	26,2	1.250	31,7	1.375	35,0

Standard color natural.

Recognized under the Component Program of Underwriters' Laboratories File E54523



Horizontal Orientation—Side Entry

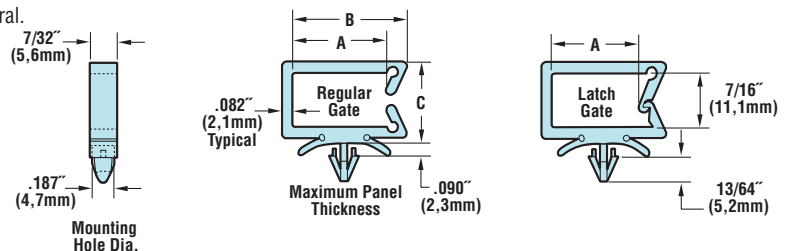
Regular Gate

PART NO.	DESCRIPTION	PART DIMENSIONS					
		A		B		C	
Natural		in.	mm.	in.	mm.	in.	mm.
3652	CH-R-27-90	.750	19,0	.921	23,4	.66	16,7
3667	CH-R-35-90	1.063	27,0	1.250	31,7	.66	16,7

Latch Gate

3697	CH-L-27-90	.719	18,2	.921	23,4	.66	16,7
3712	CH-L-35-90	1.032	26,2	1.250	31,7	.66	16,7

Standard color natural.



Quick Specs

Material 6/6 Nylon
 Flammability Rating 94V-2
 Material Temperature Index 185°F (85°C)

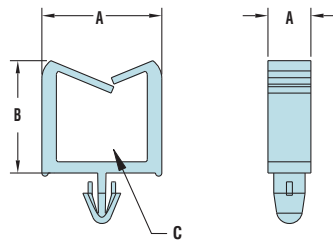


Heyco® Shorty Wire and Cable Holders

For Panel .040"-.060" Thick

PART NO.	DESCRIPTION	BASE DIMENSIONS A		OVERALL HEIGHT B		WIRE CAPACITY C		MOUNTING HOLE SIZE	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.
3660	CHRS-1	.17 x .36	4,3 x 9,1	.29	7,4	.25 x .16	(6,4 x 4,1)	.12	3,1
3661	CHRS-2	.17 x .36	4,3 x 9,1	.29	7,4	.25 x .16	(6,4 x 4,1)	.14	3,6
3662	CHRS-3	.17 x .48	4,3 x 12,0	.45	11,4	.35 x .25	(8,9 x 6,4)	.14	3,6

Standard color natural.



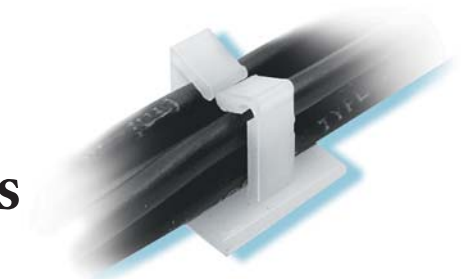
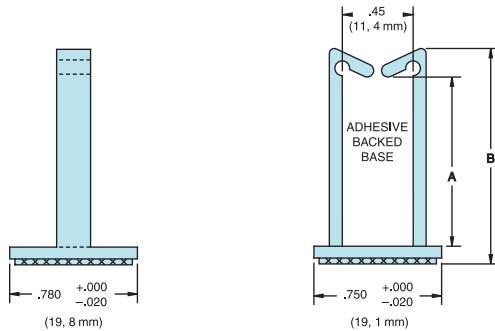
- Strong hinged arms flex both ways to insert, hold, and remove wires easily.
- Special circular cutout design allows easy hinged flexing action while maintaining adequate wire retaining strength.
- Push mount base is designed for quick and easy insertion or removal. Centering "ears" automatically position in hole and lock securely.

Heyco® Shorty Wire and Cable Holders

Adhesive-Backed

PART NO.	DESCRIPTION	PART DIMENSIONS			
		A		B	
Natural		in.	mm.	in.	mm.
3603	CH-RA-12	.187	4,7	.480	12,2
3608	CH-RA-18	.375	9,5	.680	17,3
3613	CH-RA-27	.750	19,0	1.050	26,7

Standard color natural.



- Gathers and directs single or groups of cable.
- Apply to a clean dry surface.

Material	6/6 Nylon
Flammability Rating	94V-2
Material Temperature Index	257°F (125°C)—Maximum temperature on part not to exceed 221°F (105°C)

Quick Specs



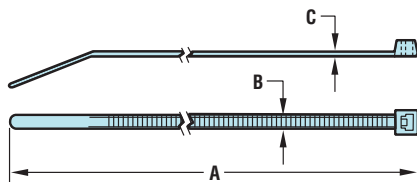
Heyco® Cable Ties

Regular Nytyes®

- Smooth, radiused edges ensure that Nytyes won't cut into the cable's insulation—or the installer's hand.
- One-piece design reduces cost and installation time.
- Nytyes feature a bent tip for ease of pickup and insertion around small bundles. V-shaped raised ridges on the tip provide a sure grip.
- Close, evenly spaced teeth permit fine adjustment—from .025" (0,6 mm) on the smallest Nytyes to .063" (1,6 mm) on the largest.

Usage	PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS						
	Min. Tensile Strength		Max. Bundle Diameter		Natural	UV		A Length		B Width		C Thickness		
	lbs.	N	in.	mm.		Black		in.	mm.	in.	mm.	in.	mm.	
STANDARD DUTY	18	80	.75	19,1	3500	3502	NT-70	3.80	97	.09	2,3	.045	1,1	
	18	80	1.50	38,1	3503	3504	NT-70L	6.25	159	.09	2,3	.045	1,1	
	18	80	2.00	50,8	3506	3507	NT-70E	8.00	203	.09	2,3	.045	1,1	
	1/16" (1,6mm)	30	133	1.00	25,4	3510	3511	NT-90	5.20	132	.12	2,9	.045	1,1
	40	178	1.25	31,8	3515	3516	NT-120	6.20	158	.14	3,4	.050	1,3	
	40	178	2.00	50,8	3850	3851	NT-170	8.25	210	.14	3,4	.050	1,3	
MIN. BUNDLE DIA.	50	222	1.75	44,4	3520	3521	NT-150	7.50	191	.19	4,8	.055	1,4	
	50	222	3.00	76,2	3525	3526	NT-250	11.25	286	.19	4,8	.055	1,4	
	50	222	4.00	101,6	3530	3531	NT-330	14.50	368	.19	4,8	.055	1,4	
HEAVY DUTY	120	534	4.00	101,6	3535	3536	NT-340H	14.75	375	.31	7,9	.083	2,1	

Standard colors natural or UV black.

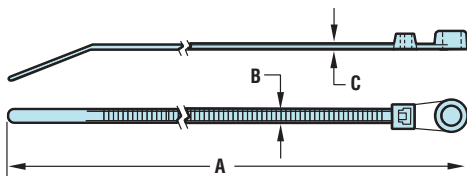


Screw Mountable Nytyes®

- Molded-in screw hole mount provides one-piece mounting and bundling.
- Mounting screws not included.

Usage	PART SPECIFICATIONS				PART NO.	DESCRIPTION	PART DIMENSIONS						MOUNTING SCREW SIZE		
	Min. Tensile Strength		Max. Bundle Diameter				A Length	B Width		C Thickness		No.	mm.		
	lbs.	N	in.	mm.				in.	mm.	in.	mm.				
STANDARD DUTY	30	133	1.00	25,4	3550	MNT-90	5.50	140	.115	2,9	.045	1,1	4	2,8	
	1/16" (1,6mm)	40	178	1.25	31,8	3555	MNT-120	6.50	165	.135	3,4	.050	1,3	8	4,1
	50	222	1.75	44,4	3560	MNT-150	8.00	203	.190	4,8	.055	1,4	10	4,8	

Standard color natural.



Quick Specs

Material: 6/6 Nylon
 Certifications: Recognized under the Component Program of Underwriters' Laboratories File E54523
 Flammability Rating: 94V-2
 Temperature Rating: 185°F (85°C)



Heyco® Cable Ties

Push Mountable Nyties®

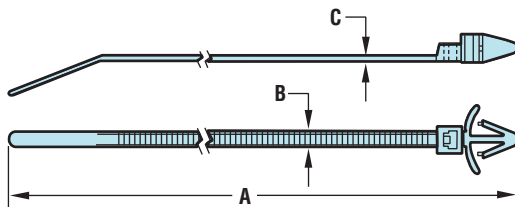


Usage	PART SPECIFICATIONS				PART NO.	DESCRIPTION	PART DIMENSIONS						MOUNTING HOLE DIAMETER		
	Min. Tensile Strength		Max. Bundle Diameter				Natural	A Length		B Width		C Thickness			
	lbs.	N	in.	mm.				in.	mm.	in.	mm.	in.			mm.
STANDARD DUTY 1/16" (1,6 mm) MIN. NDLE DIA.	50	222	1.75	44,4	3904	PMT-150	8.00	203	.190	4,8	.055	1,4	.25	6,4	
	40	18	1.417	36,0	3907	PMWS-155	6.23	158	.14	3,5	.047	1,2	.187	4,6	

- Provides one-piece mounting and bundling.
- Snaps quickly into holes with only fingertip pressure.
- Holds securely in panels up to 1/8" (3,2 mm) thick.

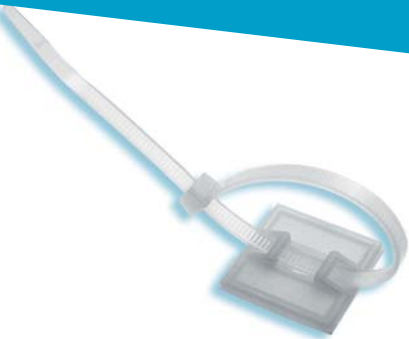
Standard color natural.

Recognized under the Component Program of Underwriters' Laboratories File E54523



Material: 6/6 Nylon
 Flammability Rating: 94V-2
 Temperature Rating: 185°F (85°C)

Quick Specs



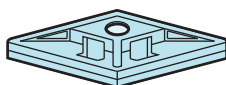
Heyco® Nytye® Mounting Platforms

- Multiple sizes anchor Nytyes securely.
- Three styles:
 - 1) Adhesive-backed (may also be screw mounted, except MP-4A's)
 - 2) Screw mount
 - 3) Push mount
- Rubber based adhesive good up to 126°F (52°C).
- Apply to a clean dry surface.

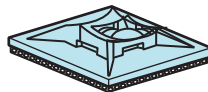


NYTYE INSERTION POINTS	MOUNTING STYLE	PART NO. Natural	DESCRIPTION	SCREW SIZE		PART DIMENSIONS		USE WITH NYTYES OF MAX. TENSILE	
				No.	mm.	in.	mm.	Lb.	N.
4	Adhesive	3594	MP-4A-S			.800	20,3	40	178
2	Adhesive	3590	MP-2A	8	4,1	1.10	27,9	50	222
4	Adhesive	3593	MP-4A	6	3,5	1.15	29,2	50	222
2	Push Mount	3762	MP-PM-250	Mounts into .250" (6,4 mm) Diameter hole.		.313 x .563	7,9 x 14,3	50	222
2	Screw	3759	MP-S-68	8	4,1	.375 x .625	9,5 x 15,9	50	222
2	Screw	3753	MP-S-10	10	5,1	.625 x .875	15,9 x 22,2	120	534
2	Screw	3756	MP LPM-56	5-6	—	.400 x .320	10,2 x 7,9	18	80
2	Screw	3757	MP LPM-68	6-8	—	.750 x .500	19,1 x 12,7	50	222

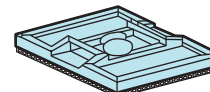
Standard color natural.



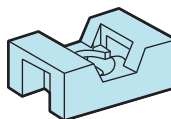
MP-4A-S



MP-4A



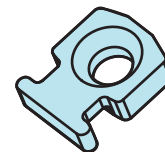
MP-2A



MP-S-68
MP-S-10



MP-PM-250



MP-LPM

Heyco® Cable Tie Tensioning Tool

- **Part No. 0998** fits all standard duty Nytyes. Metal construction, has three tension settings, and automatically trims excess.



Quick Specs

Material	6/6 Nylon
Flammability Rating	94V-2
Temperature Rating	185°F (85°C)



Heyco® Beaded Ties

Polyethylene—For Higher Flexibility



Black	PART NO.		Material	PART SPECIFICATIONS/DIMENSIONS						DESCRIPTION
	Natural	Red		Tensile Strength		Max. Bundle Diameter		Overall Length		
				lbs	N	in.	mm.	in.	mm.	
3419	3420	3422	Polyethylene	10	45	1-1/8	28,6	4.25	108	BT 4 PE
3424	3425	3427				1-3/8	35,0	5.00	127	BT 5 PE
3429	3430	3432				1-7/8	48,0	6.75	171	BT 6 PE
3434	3435	3437		18	80	2-1/2	64,0	9.00	229	BT 8 PE
3439	3440	3442				3	76,0	11.00	279	BT 10 PE

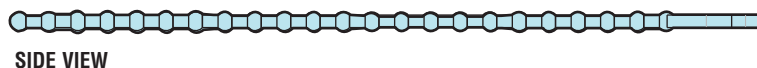
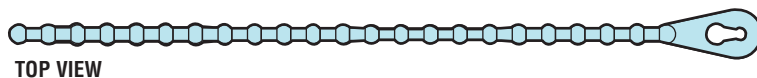
Standard colors black, natural or red.

- Releasable and reusable ties for easy bundling, closing, bagging, holding, and tying.
- Available in polyethylene for high flexibility and moderate strength. Nylon offers less flexibility but more strength and higher resistance to temperature and chemicals.
- Multiple sizes for bundles up to 4" (101,6 mm) diameter.
- Nylon ties available in natural and black colors only, and are 94V-2 rated.

Nylon—For Higher Strength

Black	PART NO.		Material	PART SPECIFICATIONS/DIMENSIONS						DESCRIPTION
	Natural			Tensile Strength		Maximum Bundle Diameter		Overall Length		
				lbs	N	in.	mm.	in.	mm.	
3509	3490		Nylon	40	180	1-1/8	28,6	4.25	108	BT 4 N
3519	3491					1-3/8	35,0	5.00	127	BT 5 N
3523	3492					1-7/8	48,0	6.75	171	BT 6 N
3524	3493			75	338	2-1/2	64,0	9.00	229	BT 8 N
3495	3494					3	76,0	11.00	279	BT 10 N
3498	—		4	101,6	15.00	381	BT 14 N			

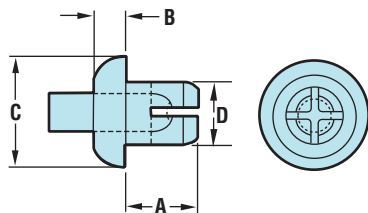
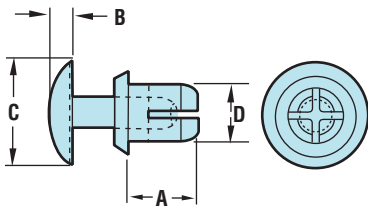
Standard colors black or natural.





Heyco® Nylon Push Rivets

- 6/6 Nylon with a 94V-2 flammability rating; temperature index 257°F (105°C).
- Snaps into mounting holes with fingertip pressure—no tools required.
- Rivet legs expand to securely lock components into place.
- Pull head up to release and disassemble.



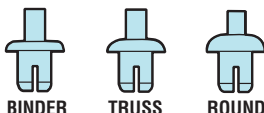
MOUNTING HOLE DIAMETER	PANEL THICKNESS				PART NO.		DESCRIPTION	PART DIMENSIONS											
	Minimum		Maximum		Black	White		A Length		B Head Height		C Head Diameter		D Base Diameter					
	in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.				
.106	2,7	.039	1,0	.079	2,0	9020	9021	PR 106-039	.126	3,2	.055	1,4	.197	5,0	.102	2,6			
		.082	2,1	.118	3,0	9022	9023	PR 106-082	.165	4,2									
		.106	2,7	.141	3,6	9024	9025	PR 106-106	.189	4,8									
		.134	3,4	.169	4,3	9026	9027	PR 106-134	.217	5,5									
.122	3,1	.039	1,0	.079	2,0	9028	9029	PR 122-039	.138	3,5	.063	1,6	.252	6,4	.118	3,0			
		.079	2,0	.118	3,0	9030	9031	PR 122-079	.177	4,5									
		.118	3,0	.157	4,0	9032	9033	PR 122-118	.217	5,5									
		.157	4,0	.197	5,0	9034	9035	PR 122-157	.256	6,5									
.142	3,6	.217	5,5	.256	6,5	9038	9039	PR 122-217	.315	8,0	.086	2,2	.122	3,1	9046	9047	PR 142-086	.177	4,5
		.086	2,2	.122	3,1	9046	9047	PR 142-086	.177	4,5									
		.106	2,7	.142	3,6	9048	9049	PR 142-106	.197	5,0									
		.126	3,2	.161	4,1	9050	9051	PR 142-126	.217	5,5									
.161	4,1	.185	4,7	.220	5,6	9054	9055	PR 142-185	.276	7,0	.063	1,6	.252	6,4	.138	4,0			
		.098	2,5	.138	3,5	9058	9059	PR 161-098	.197	5,0									
		.138	3,5	.177	4,5	9060	9061	PR 161-138	.236	6,0									
		.177	4,5	.217	5,5	9062	9063	PR 161-177	.276	7,0									
.201	5,1	.217	5,5	.256	6,5	9064	9065	PR 161-217	.315	8,0	.071	1,8	.315	8,0	.157	4,0			
		.295	7,5	.335	8,5	9068	9069	PR 161-295	.394	10,0									
		.059	1,5	.098	2,5	9070	9071	PR 201-059	.177	4,5									
		.098	2,5	.138	3,5	9072	9073	PR 201-098	.217	5,5									
.201	5,1	.138	3,5	.177	4,5	9074	9075	PR 201-138	.256	6,5	.087	2,2	.354	9,0	.197	5,0			
		.177	4,5	.217	5,5	9076	9077	PR 201-177	.295	7,5									
		.217	5,5	.256	6,5	9078	9079	PR 201-217	.335	8,5									
		.256	6,5	.295	7,5	9080	9081	PR 201-256	.374	9,5									
		.295	7,5	.335	8,5	9082	9083	PR 201-295	.413	10,5									

Standard color black or white.

Heyco® Nylon Drive Rivets

- 6/6 Nylon with a 94V-2 flammability rating; temperature index 257°F (105°C).
- Upon installation, the drive pin expands the rivet legs to lock components permanently and securely into place.
- Installation can be made "blind" from one side of the assembly.
- Resists vibration and corrosion.

HEAD STYLES



MOUNTING HOLE DIAMETER	PANEL THICKNESS				PART NO. Black	DESCRIPTION	HEAD STYLE	PART DIMENSIONS								
	Minimum		Maximum					A Length		B Head Height		C Head Diameter		D Base Diameter		
	in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.	
.122	3,1	.118	3,0	.157	4,0	2576	DR 122-118	Binder	.217	5,5	.079	2,0	.220	5,6	.118	3,0
.161	4,1	.079	2,0	.118	3,0	2578	DR 161-079	Round	.177	4,5	.118	3,0	.315	8,0	.157	4,0
		.079	2,0	.118	3,0	2580	DR 201-079	Truss	.197	5,0						
		.118	3,0	.157	4,0	2582	DR 201-118	Binder	.236	6,0						
		.157	4,0	.197	5,0	2584	DR 201-157	Binder	.276	7,0	.110	2,8	.374	9,5	.197	5,0
.201	5,1	.197	5,0	.236	6,0	2586	DR 201-197	Binder	.315	8,0						
		.236	6,0	.276	7,0	2588	DR 201-236	Binder	.354	9,0						

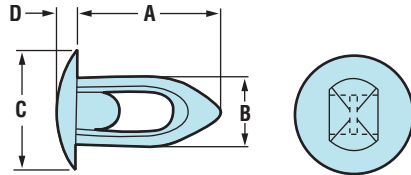
Standard color black.



Heyco® Nylon Arrow Clips

MOUNTING HOLE DIAMETER		PANEL THICKNESS				PART NO.	DESCRIPTION	PART DIMENSIONS							
		Minimum		Maximum				Natural	A Length		B Clip Diameter		C Head Diameter		D Head Height
in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.
.118	3,0	.062	1,6	.125	3,2	0315	AC 15	.390	9,9	.150	3,8	.280	7,1	.060	1,5
.130	3,3	.125	3,2	.140	3,6	0313	AC 13	.318	8,1	.162	4,1	.280	7,1	.060	1,5
.131	3,2	.062	1,6	.125	3,2	0302	AC 2	.390	9,9	.162	4,1	.280	7,1	.060	1,5
.145	3,6	.290	7,4	.300	7,6	0314	AC 14	.530	13,5	.196	5,0	.270	6,8	.070	1,8
.151	3,8	.062	1,6	.145	3,7	0304	AC 4	.400	10,2	.180	4,6	.280	7,1	.060	1,5
.182	4,6	.062	1,6	.125	3,2	0301	AC 1	.400	10,2	.225	5,7	.360	9,1	.060	1,5
.182	4,6	.165	4,2	.187	4,7	0311	AC 11	.518	13,1	.206	5,2	.376	9,4	.060	1,5
.182	4,6	.310	7,9	.330	8,4	0306	AC 6	.550	14,0	.225	5,7	.370	9,4	.060	1,5
.213	5,4	.062	1,6	.125	3,2	0307	AC 7	.450	11,4	.220	5,6	.370	9,4	.060	1,5
.213	5,4	.125	3,2	.187	4,7	0305	AC 5	.540	13,7	.248	6,3	.370	9,4	.060	1,5
.250	6,3	.125	3,2	.187	4,7	0309	AC 9	.575	14,6	.290	7,4	.484	12,3	.060	1,5
.250	6,3	.360	9,1	.380	9,7	0316	AC 16	.810	20,6	.245	6,2	.610	15,5	.065	1,6
.320	5,8	.062	1,6	.340	8,6	0317	AC 17	.900	22,9	.375	9,5	.683	17,3	.070	1,8

Standard color natural. For black and other colors, please consult factory.

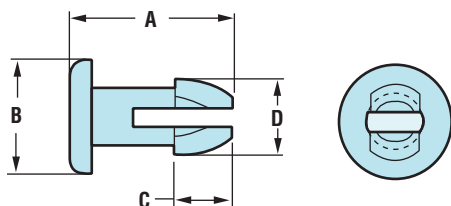


- 6/6 Nylon with a 94V-2 flammability rating; temperature index 257°F (125°C).
- Snaps into mounting holes with fingertip pressure—no tools required.
- Offers a low cost way to assemble metal, plastic, composite, wood, and other thin gauge materials.
- Hollow body design allows the clip to compress through the mounting hole, then expand back to original shape to lock assembled components securely.
- May be disassembled and reused.
- Vibration, abrasion, and corrosion resistant.

Heyco® Nylon Push-In Fasteners

MOUNTING HOLE DIAMETER		MAXIMUM PANEL THICKNESS		PART NO.	DESCRIPTION	PART DIMENSIONS							
						Natural	A Overall Length		B Head Diameter		C Lock Length		D Lock Diameter
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.
.093	2,4	.115	2,9	0339	PF 39	.240	6,1	.250	6,4	.085	2,2	.145	3,7
.130	3,3	.190	4,8	0342	PF 42	.320	8,1	.203	5,2	.090	2,3	.180	4,6
.165	4,2	.133	3,4	0350	PF 50	.310	7,9	.343	8,7	.137	3,5	.202	5,1
.200	5,1	.156	4,0	0360	PF 60	.359	9,1	.468	11,9	.153	3,9	.230	5,8
.200	5,1	.375	9,5	0361	PF 61	.552	14,0	.343	8,7	.137	3,5	.236	6,0

Standard color natural.



- 6/6 Nylon with a 94V-2 flammability rating; temperature index 257°F (125°C).
- Snaps into mounting holes with fingertip pressure—no tools required.
- Offers a low cost way to assemble metal, plastic, composite, wood, and other thin gauge materials.
- Slotted leg design allows for both compression through the mounting hole and then expansion back to original shape—to lock assembled components securely.
- May be disassembled and reused.
- Vibration, abrasion, and corrosion resistant.





Heyco® Cable Wrap

Standard Cut–Polyethylene

- Bundles and protects cables, wires, tubing, and hoses from .125" (3,2 mm) to 7" (177,6 mm) diameters.
- Absorbs vibration, insulates cables, and resists abrasion.
- Easy to use: Just twist on wire!
- Allows breakouts of single/multiple wires and re-routing of replacement wires.
- Multiple sizes available.
- Polyethylene and nylon material products are available in UV black or natural color.
- Conforms to the following Mil, Federal, and ASTM specifications:

- Polyethylene Cable Wrap–
UV Black and Natural
Fed. Spec LP390
Mil I-631D
Mil P-21922B

Material operating temp range
-76°F (-60°C) to 190°F (88°C)
UL rated temp not to exceed
122°F (50°C)

- Nylon Cable Wrap–
UV Black and Natural
ASTM D4066, Group 2
Fed. Spec LP-410A

Material operating temp range
-40°F (-40°C) to 250°F (121°C)
UL rated temp not to exceed
149°F (65°C)

- Recognized under the
Component Program of Underwriters'
Laboratories File #E-173954

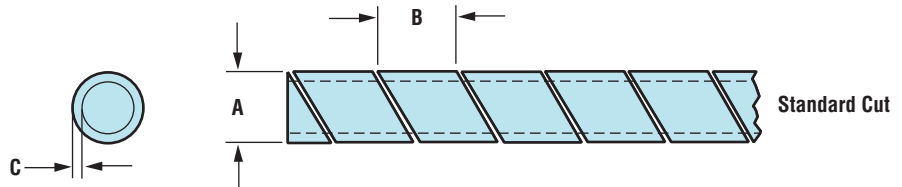
BUNDLE RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS					
Minimum Diameter		Maximum Diameter		UV Black	Natural		A Outside Diameter		B Pitch		C Thickness	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.125	3,2	1.500	38,1	8904	8905	CW 187 PE	.187	4,8	.250	6,3	.031	0,8
.187	4,8	2.000	50,8	8908	8909	CW 250 PE	.250	6,3	.375	9,5	.045	1,1
.312	7,9	3.000	76,2	8912	8913	CW 375 PE	.375	9,5	.438	11,1	.052	1,3
.375	9,5	4.000	101,6	8916	8917	CW 500 PE	.500	12,7	.500	12,7	.062	1,6
.500	12,7	4.500	114,3	8920	8921	CW 625 PE	.625	15,9	.625	15,9	.062	1,6
.500	12,7	5.000	127,0	8924	8925	CW 750 PE	.750	19,1	.750	19,1	.065	1,7
1.000	25,4	7.000	177,8	8928	8929	CW 1000 PE	1.000	25,4	1.000	25,4	.080	2,0

Standard colors UV black or natural.

Standard Cut–Nylon

BUNDLE RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS					
Minimum Diameter		Maximum Diameter		UV Black	Natural		A Outside Diameter		B Pitch		C Thickness	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.125	3,2	1.500	38,1	8936	8937	CW 187 N	.187	4,8	.250	6,3	.020	0,5
.187	4,8	2.000	50,8	8940	8941	CW 250 N	.250	6,3	.375	9,5	.025	0,6
.312	7,9	3.000	76,2	8944	8945	CW 375 N	.375	9,5	.438	11,1	.035	0,9
.375	9,5	4.000	101,6	8948	8949	CW 500 N	.500	12,7	.500	12,7	.035	0,9
.500	12,7	4.500	114,3	8952	8953	CW 625 N	.625	15,9	.625	15,9	.032	0,8
.500	12,7	5.000	127,0	8956	8957	CW 750 N	.750	19,0	.750	19,1	.032	0,8
1.000	25,4	7.000	177,8	8960	8961	CW 1000 N	1.000	25,4	1.000	25,4	.032	0,8

Standard colors UV black or natural.





Heyco® Braided Sleeving

BUNDLE RANGE				PART NO. Black	DESCRIPTION	PART DIMENSIONS			
Minimum Diameter		Maximum Diameter				Nominal Diameter		Quantity Per Spool	
in.	mm.	in.	mm.				ft.	mtrs.	
.090	2,3	.250	6,4	8980 8983	BS 125 BS 125 FR	.125	3,2	1,000	305
.125	3,2	.437	11,1	8985 8988	BS 250 BS 250 FR	.250	6,4	1,000	305
.250	6,4	.750	19,1	8990 8993	BS 500 BS 500 FR	.500	12,7	500	152
.500	12,7	1.250	31,8	8995 8998	BS 750 BS 750 FR	.750	19,1	250	76
.750	19,1	1.750	44,5	9000 9003	BS 1250 BS 1250 FR	1.250	31,8	250	76
1.250	31,8	2.750	69,9	9005 9008	BS 1750 BS 1750 FR	1.750	44,5	200	61
1.500	38,1	3.500	88,9	9010 9013	BS 2.0 BS 2.0 FR	2.000	50,8	200	61

Standard color black.
FR sleeving flammability rating-UL VW-1.



- Tough, cut-resistant sleeving is designed for protecting wire bundles and harnesses, hoses, tubing, and cable assemblies from mechanical damage and environmental hazards.
- Preferred cutting method: hot knife.
- Expandable up to three times its own diameter, the open-weave construction can fit many applications, simplifying inventory. The open-weave allows for easy inspection of sleeved components and easy break out of individual cables.
- Full cable flexibility is maintained in any direction, even at low temperatures. Wires encased in Heyco Braided Sleeving can flex and bend as readily as if they had no protective oversleeving. Bundles can be flexed repeatedly without damage.
- Braided sleeve slips on quickly and is self-fitting over irregular shapes and contours. No wire pulling compounds are required due to its low surface friction. Slight tensioning after application makes for an even tighter fit.
- The high tensile strength, damage-resistant filament braid:
 - 1) protects against rough surfaces, sharp edges or corners
 - 2) resists scuffing and abrasion
 - 3) cushions against vibration and impact damage
 - 4) prevents condensation while allowing complete drainage
 - 5) dissipates heat and moisture
 - 6) does not degrade in most fluid environments
- Sleeved components are more organized and attractive!

Material	Polyester Monofilament Yarns or Flame Retardant Polyester Yarn
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E173954
Monofilament Diameter	.010"
Temperature Rating	-103°F (-75°C) to 257°F (125°C)

Quick Specs



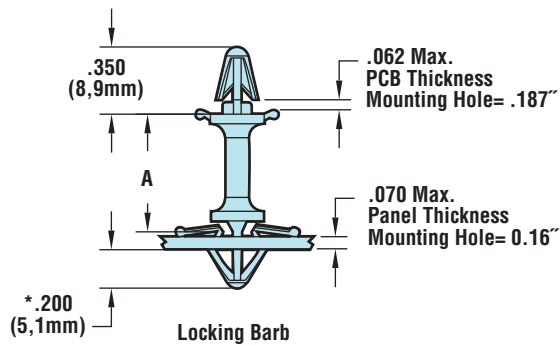
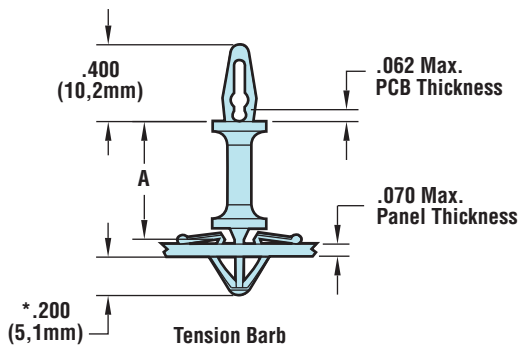
Heyco® Nylon PCB Supports

- Provides spacing between the printed circuit board and the panel or between circuit boards.
- Wide, ribbed wings produce a secure fit with extra stability.
- Multiple spacing heights from .187" (4,8 mm) to 1.00" (25,4 mm).
- Two Styles:
 - 1) Panel barb end, plus tension barb end for PCB.
 - 2) Panel barb end, plus locking barb end for PCB.

PART NO.	DESCRIPTION	STYLE	A Spacing	
			in.	mm.
3640	SST 3/16	Tension Barb	.187	4,8
3670	SSL 3/16	Locking Barb		
3641	SST 1/4	Tension Barb	.250	6,3
3671	SSL 1/4	Locking Barb		
3642	SST 3/8	Tension Barb	.375	9,5
3672	SSL 3/8	Locking Barb		
3643	SST 7/16	Tension Barb	.437	11,1
3673	SSL 7/16	Locking Barb		
3644	SST 1/2	Tension Barb	.500	12,7
3674	SSL 1/2	Locking Barb		
3645	SST 5/8	Tension Barb	.625	15,9
3675	SSL 5/8	Locking Barb		
3646	SST 3/4	Tension Barb	.750	19,0
3676	SSL 3/4	Locking Barb		
3647	SST 7/8	Tension Barb	.875	22,2
3677	SSL 7/8	Locking Barb		
3648	SST 1	Tension Barb	1.000	25,4
3678	SSL 1	Locking Barb		



Base barb wing spread is .547" (13,9 mm).
Standard color natural.



* Extension beyond .070" (1,8mm) thick chassis.

Quick Specs

Material: 6/6 Nylon
 Certifications: Recognized under the Component Program of Underwriters' Laboratories File E197049
 Flammability Rating: 94V-2
 Temperature Rating: 185°F (85°C)



Heyco® Cable Clamps LabKit #5

(Part No. 3399)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco Kits contain an assortment of our most popular Cable Clamps.
- Heyco also offers lab kits for Liquid Tight Cordgrips (2-20), Strain Relief Bushings (3-29), Bushings (4-23), Plugs (5-19), and Wire Connectors (7-23).



Heyco® Hose Clamps LabKit #9

(Part No. 2399)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco Kits contain an assortment of our most popular Hose Clamps.
- Heyco also offers lab kits for Liquid Tight Cordgrips (2-20), Strain Relief Bushings (3-29), Bushings (4-23), Plugs (5-19), and Wire Connectors (7-23).





The Strain Reliever™ “Pill Bottle”



INDICATIONS:

For permanent **relief of strain** associated with not having the solution.

DIRECTIONS:

Remove top and shake out a potential solution. Take one dose each time **“no solution”** symptoms appear. Repeat as needed. This prescription may be refilled at any time because new solutions are constantly being generated.

WARNING:

If strain persists or gets worse, consult your Heyco representative immediately because this could be a sign of a serious problem in need of a Heyco solution!

Request one from your Heyco Distributor, Sales Representative, Business Development Manager, or Customer Service Representative—TODAY!

HEYCO FOR YOUR BUSINESS HEALTH



Heyco®
NEMA 5-15R
Female Bridge
& IEC 320
Preassembled
Cordset
Components
7-1



Heyco®
NEMA 5-15P
Male Bridge
Preassembled
Cordset
Components
7-2



Heyco®
Preassembled
Cordset
Components
Tri-Tap Premold
7-3



Heyco®
Turn-2-Lock
Cord and
Plug Sets
7-4



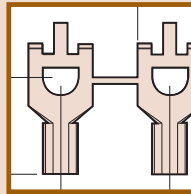
Heyco®
Turn-2-Lock
Cordset
Components
15 Amp,
20 Amp,
7-5, 7-6



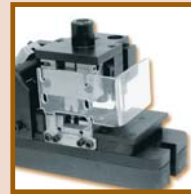
Heyco®
Turn-2-Lock
Cordset Components
30 Amp & Male
Turn-2-Lock Premold
7-7



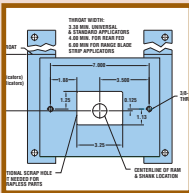
Heyco®
Ring and Spade
Terminals &
Heavy Duty
Ring and Spade
Terminals
7-8, 7-9



Heyco®
Quick Connect
Terminals
7-9, 7-10



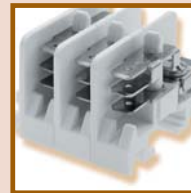
Heyco®
Application
Equipment
7-11



Heyco®
Instructions
for Ordering
a Heyco
Applicator
7-12



Heyco®
ERTB
Terminal
Blocks
7-13



Heyco®
Barrier Terminal
Blocks
7-14



Heyco®
Standard
Appliance
Terminal Blocks
7-15



Heyco®
Wire Protector
Terminal Blocks
7-16



Heyco®
Screw to Tab
Terminal Blocks
7-17
7-18



Heyco®
OEM Wire
& OEM
HighTemp
Wire
Connectors
7-19



Heyco®
Crimp-On
Wire
Connectors
7-20



Heyco®
Color Coded
Wire Connectors
& Wire Connector
Accessories
7-21



Heyco®
Aluminum
Solderless and
Copper Lug
Connectors
7-22



Heyco®
Wire
Connectors
LabKit #10
& Empty
LabKits
7-23

HEYCO® Power Components

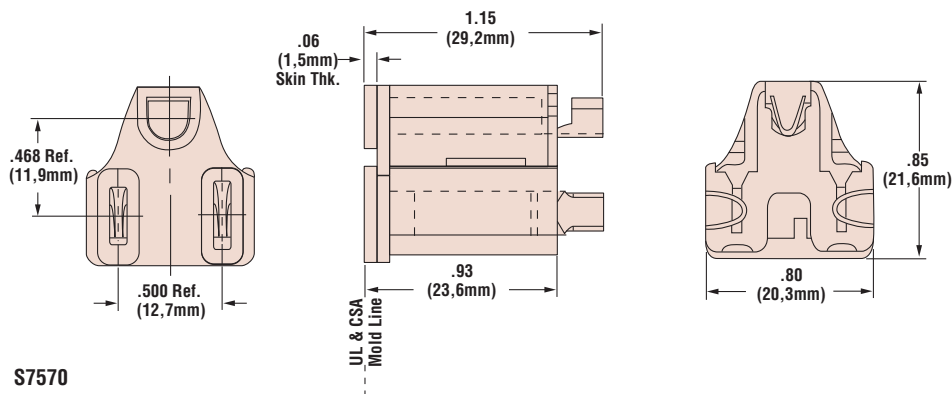


Heyco® "Female Bridge" Preassembled Cordset Components

NEMA 5-15R

- Crimp all three terminals at once.
- Faster loading of plug molds.
- Automated terminating equipment is available, see page 7-11.
- Reduces plug molding cycle time.
- Assures reliable contact performance.
- Passes UL/CSA cold temperature insertion test.
- Improves plug quality.
- Reduces PVC usage and plug cost!
- Eliminates the need for a polarity barrier.

PART NO.	DESCRIPTION	WIRE RANGE	DIE	CRIMP PUNCH	ANVIL
S7570	5-15R Female Bridge Assembly Black	18-12 AWG	Z370	Z335, Z409	Z334
S7571	5-15R Female Bridge Assembly Natural	18-12 AWG	Z370	Z335, Z409	Z334
S7572	5-15R Female Bridge Assembly Black	12-10 AWG	Z641	Z636, Z637	Z635
S7573	5-15R Female Bridge Assembly Natural	12-10 AWG	Z641	Z636, Z637	Z635



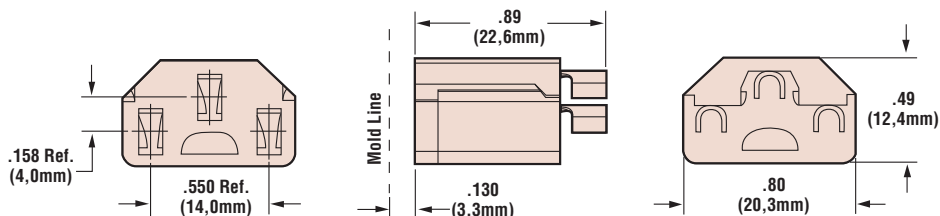
S7570



Heyco® IEC 320 Preassembled Cordset Components

- Crimp all three terminals at once.
- Faster loading of plug molds.
- Automated terminating equipment is available. Consult Heyco for details.
- Assures reliable contact performance.
- Improves plug quality.
- Reduces PVC usage and plug cost.
- Available assembled or unassembled.

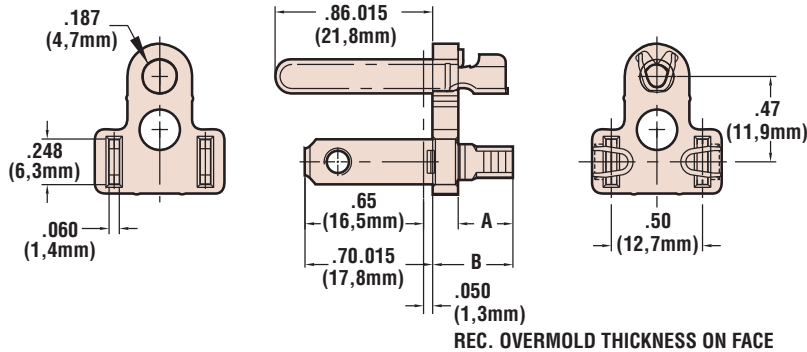
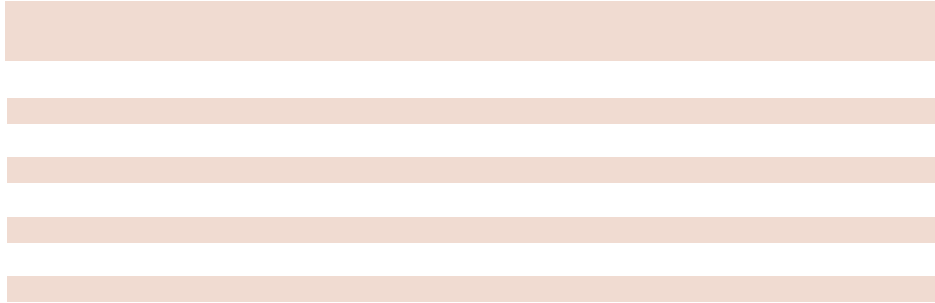
PART NO.	DESCRIPTION	WIRE RANGE	DIE	CRIMP PUNCH	ANVIL
S7580	IEC 320 Biz. Machine Assembly Black	18-14 (AWG)	S7580SXX5	C774	C775
S7780	Unassembled IEC-320 Housing Black	—	—	—	—
S7200	Unassembled BMC IEC-320 Contact	18-14 (AWG)	S7200UXX5 S7200SXX5	C688	C689





Heyco® "Male Bridge" Preassembled Cordset Components

NEMA 5-15P, Recognized under UL, File E164169





Heyco® Turn-2-Lock Cordset Components

15 Amp

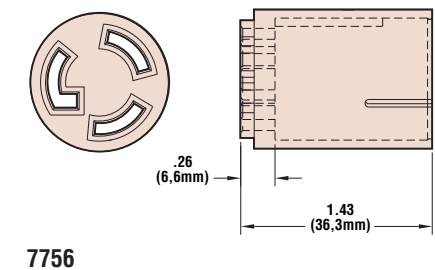
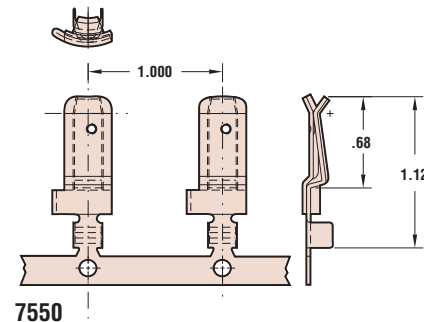
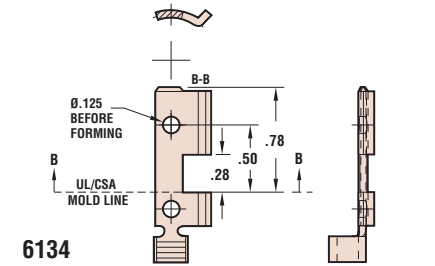
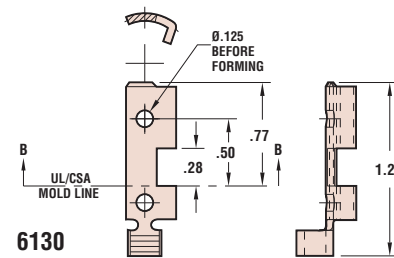
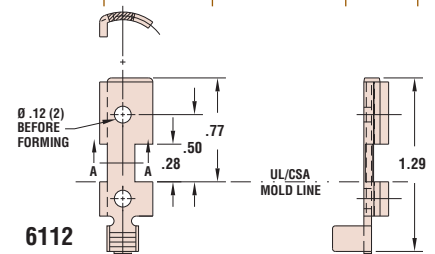
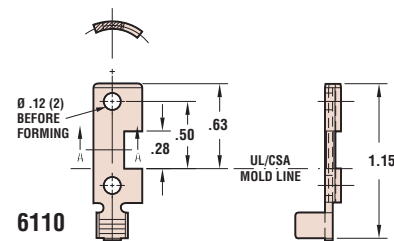


- Snap together nylon premold female housing eliminates the need for expensive cammed molds.
- Easy loading for increased molding efficiency.
- Uses inexpensive Heyco load pins (consult Heyco for details on our complete line of blades and pins).
- Reduces PVC usage and allows more cavities per mold.

PART NO.	DESCRIPTION	WIRE RANGE	FEEDS	DIE	TOOL PACK	CRIMP PUNCH	AVIL
Male							
**6110	TL-L5-15W&B Brass	16-10 AWG	Bulk	6110UXX5	B958B/B959B	C663	C667
6111	TL-L5-15W&B Tin	16-10 AWG	Bulk	6111UXX5	B958B/B959B	C663	C667
6126	TL-L5-15W&B Nickel	16-10 AWG	Bulk	6126UXX5	B958B/B959B	C663	C667
6112	TL-L5-15-G Brass	16-10 AWG	Bulk	6112UXX5	B958B/B959B	C663	C667
6113	TL-L5-15-G Tin	16-10 AWG	Bulk	6113UXX5	B958B/B959B	C663	C667
6127	TL-L5-15-G Nickel	16-10 AWG	Bulk	6127UXX5	B958B/B959B	C663	C667
6130	TL-L7-15-G Brass	16-10 AWG	Bulk	6130UXX5	B958B/B959B	C663	C667
6134	TL-L6-15-G Brass	16-10 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667
6150	T2L-15-A	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667
6152	T2L-L5-15-GND	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667
6160	T2L-15A-GRD	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667
6164	T2L-15A-GRD	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667

**Can be used for L6 and L7-15 configurations.

Female							
7550	TLR-L5-15	16-10 AWG	left to right	7550UXX5	B972L/B973L	C784	C783
7756	2 PC L5-15 Premold	N/A	—	—	—	—	—
7551	TLR-L7-15	16-10 AWG	left to right	7551UXX5	B972L/B973L	C784	C783
7752	2-pc L7-15 Premold	N/A	—	—	—	—	—





Heyco® Turn-2-Lock Cordset Components

20 Amp

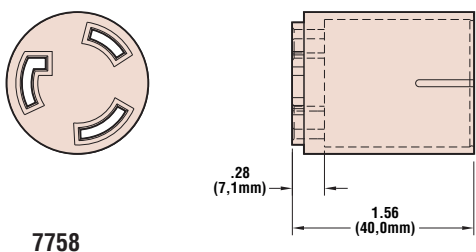
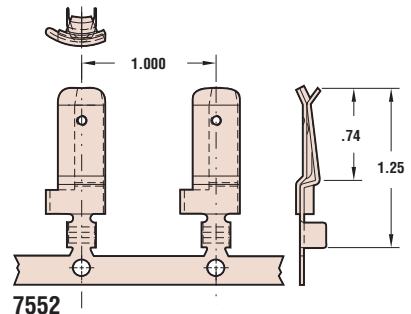
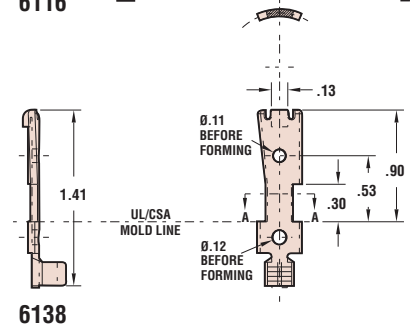
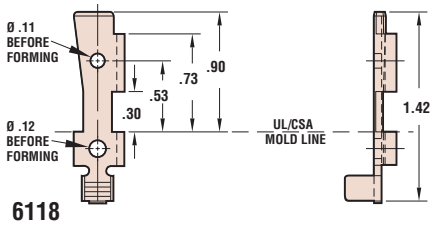
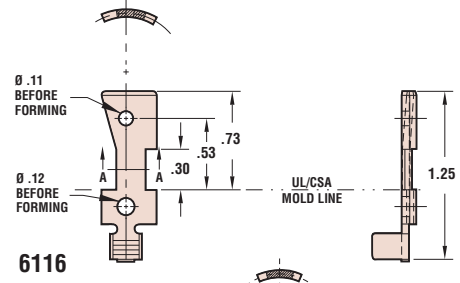
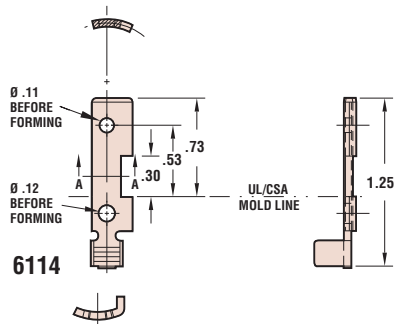


PART NO.	DESCRIPTION	WIRE RANGE	FEEDS	DIE	TOOL PACK	CRIMP PUNCH	ANVIL
Male							
**6114	TL-L5-20-W Brass	16-10 AWG	Bulk	6114UXX5	B958B/B959B	C663	C667
6115	TL-L5-20-W Tin	16-10 AWG	Bulk	6115UXX5	B958B/B959B	C663	C667
**6116	TL-L5-20-B Brass	16-10 AWG	Bulk	6116UXX5	B958B/B959B	C663	C667
6117	TL-L5-20-B Tin	16-10 AWG	Bulk	6117UXX5	B958B/B959B	C663	C667
6118	TL-L5-20-G Brass	16-10 AWG	Bulk	6118UXX5	B958B/B959B	C663	C667
6119	TL-L5-20-G Tin	16-10 AWG	Bulk	6119UXX5	B958B/B959B	C663	C667
6132	TL-L7-20-G Brass	16-10 AWG	Bulk	6132UXX5	B958B/B959B	C663	C667
6138	TL-L24-20-G Brass	16-10 AWG	Bulk	6138UXX5	B958B/B959B	C663	C667
6154	T2L-20-G Brass	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667
6156	T2L-20-G Brass	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667
6158	T2L-20AG Brass	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667
6162	T2L-20AG Brass	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667
6168	T2L-20AG Brass	18-14 AWG	Bulk	6134UXX5	B958B/B959B	C663	C667

**Can be used for L7 and L24 configurations.

Female							
7552	TLR-L5-20	16-10 AWG	Left to Right	7552UXX5	B972L/B973L	C784	C783
7758	2 PC L5-20 Premold	N/A	-	-	-	-	-

- Snap together nylon premold female housing eliminates the need for expensive cammed molds.
- Easy loading for increased molding efficiency.
- Uses inexpensive Heyco load pins (consult Heyco for details on our complete line of blades and pins).
- Reduces PVC usage and allows more cavities per mold.



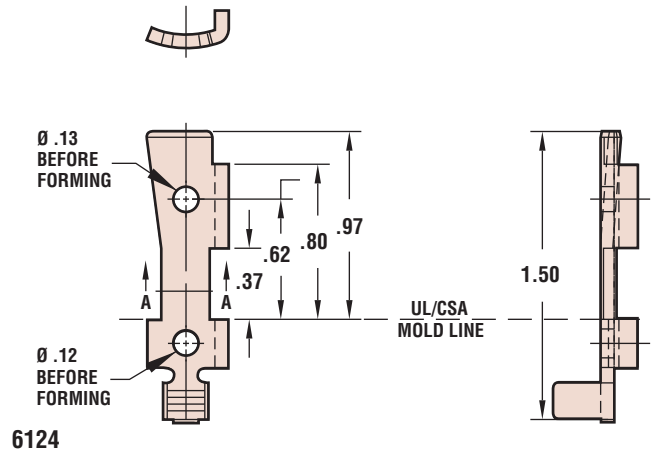
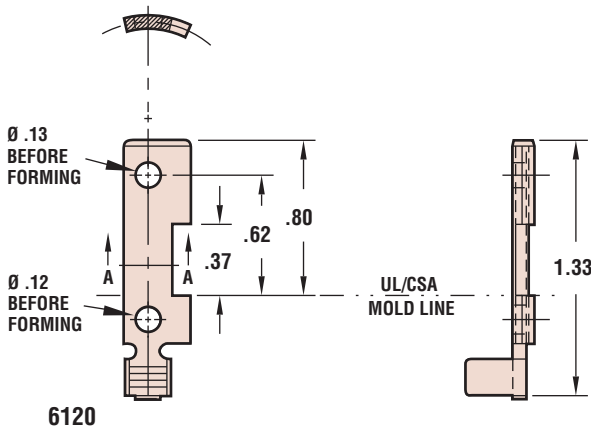
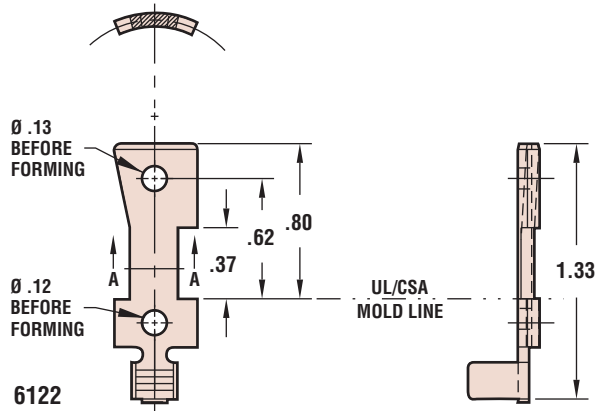


Heyco® Turn-2-Lock Cordset Components

30 Amp



PART NO.	DESCRIPTION	WIRE RANGE	FEEDS	DIE	TOOL PACK	CRIMP PUNCH	ANVIL
6120	TL-L5-30-W Brass	10-8 AWG	Bulk	6120UXX5	B958/B959	C663	C667
6122	TL-L5-30-B Brass	10-8 AWG	Bulk	6122UXX5	B958/B959	C663	C667
6124	TL-L5-30-G Brass	10-8 AWG	Bulk	6124UXX5	B958/B959	C663	C667



- Nylon male premold for use with Heyco blades and pins (consult Heyco for details on our complete line of blades and pins).
- Reduces PVC usage and increases molding efficiency.
- Terminals in picture not included.

Heyco® Male Turn-2-Lock Premold

PART NO.	DESCRIPTION
S7420	277V 15A Male TL Premold Black
S7422	277V 20A Male TL Premold Black
S7424	125V 15A Male TL Premold Black
S7426	125V 20A Male TL Premold Black
S7428	250V 15A Male TL Premold Black
S7432	347V 20A Male TL Premold Black
S7434	480V 20A Male TL Premold Black
S7436	250V 30A Male TL Premold Black

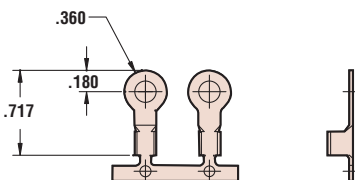
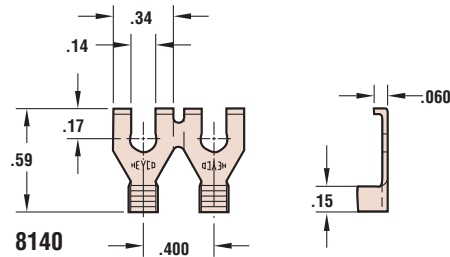
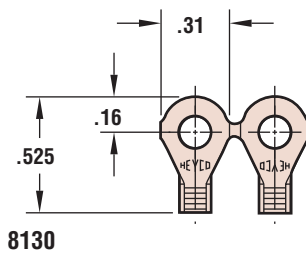
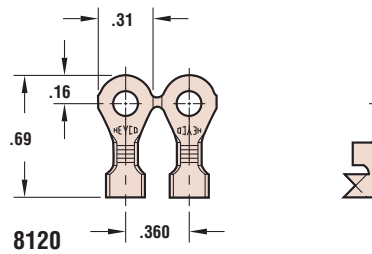
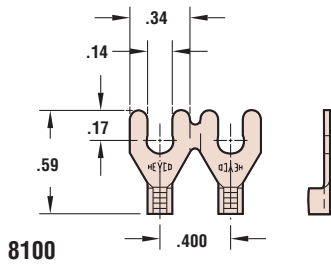


Heyco® Ring and Spade Terminals

PART NO.	MATERIAL	WIRE RANGE	SIZE	INSULATION CRIMP	FEEDS	DIE	TOOL PACK	CRIMP PUNCH	ANVIL
*8100	Brass	24-18	#6	No	L/R	8100UXX5	B800L/B801L	C064	C070
*8110	Brass	18-14	#6	No	L/R	8110UXX5	B800L/B801L	C064	C070
*8140	Brass	18-14	#6w/lock	No	L/R	—	B800L/B801L	C064	C070
**8120	Pre-tin Brass	20-14	#6	Yes	L/R	8120UXX5	B810L/B811L	C152	C157
**8121	Brass	20-14	#6	Yes	L/R	8121UXX5	B810L/B811L	C152	C157
**8122	Pre-tin Brass	20-14	#8	Yes	L/R	8122UXX5	B810L/B811L	C152	C157
**8123	Brass	20-14	#8	Yes	L/R	8123UXX5	B810L/B811L	C152	C157
**8124	Pre-tin Brass	20-14	#10	Yes	L/R	8124UXX5	B810L/B811L	C152	C157
**8125	Brass	20-14	#10	Yes	L/R	8125UXX5	B810L/B811L	C152	C157
8131	Brass	20-14	#6	No	L/R	8131UXX5	B810L/B811L	C152	C157
8132	Pre-tin Brass	20-14	#8	No	L/R	8132UXX5	B810L/B811L	C152	C157
8133	Brass	20-14	#8	No	L/R	8133UXX5	B810L/B811L	C152	C157
8135	Brass	20-14	#10	No	L/R	8135UXX5	B810L/B811L	C152	C157
8139	Brass	12-10	.180	No	L/R	8139UXX5	B810L/B811L	C908	C909
*8144	Brass	12-10	#10	No	L/R	8144UXX5	B810L/B811L	C908	C909
8145	Brass	12-10	#10(.197)	No	L/R	8145UXX5	B810L/B811L	C908	C909

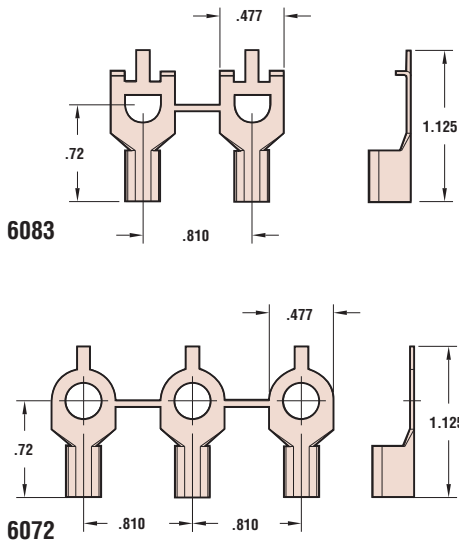
• Listed under Underwriters' Laboratories File E95474.

*Spade Terminals
**Insulation Crimp





Heyco® Heavy Duty Ring and Spade Terminals



PART NO.	MATERIAL	WIRE RANGE	SIZE	PARTS/ FEED	FEEDS	DIE	CRIMP PUNCH	ANVIL
6070	Brass	8-6	.265 Dia.	3	Rear	6070SXX5	0W29, 0W49	0W28
6071	Brass	8-6	.265 Dia.	2	Rear	6071SXX5	0W29, 0W49	0W28
6072	Brass	12-8	.265 Dia.	3	Rear	6072SXX5	0W29, 0W46, 0W48	0W28, 0W45, 0W47
6073	Brass	12-8	.265 Dia.	2	Rear	6073SXX5	0W29, 0W46, 0W48	0W28, 0W45, 0W47
*6080	Brass	8-6	.265 Dia.	3	Rear	6080SXX5	0W29, 0W49	0W28
*6081	Brass	8-6	.265 Dia.	2	Rear	6081SXX5	0W29, 0W49	0W28
*6082	Brass	12-8	.265 Dia.	3	Rear	6082SXX5	0W29, 0W46, 0W48	0W28, 0W45, 0W47
*6083	Brass	12-8	.265 Dia.	2	Rear	6083SXX5	0W29, 0W46, 0W48	0W28, 0W45, 0W47

*Spade Terminals

UL Listed under Underwriters' Laboratories File E95474

Heyco® Quick Connect Terminals

Insulation Support Terminals

- Available in brass and pre-tinned brass.
- Quick-Connects allow you to easily choose the right terminals for your application.
- Field Tested.
- Can be applied with your existing equipment or with Heyco applicators.
- These applicators offer reliable connections semi-automatically and by integration into automated termination.
- Most popular configurations available.
- .110" straight
- .187" straight
- .250" straight or flag
- See page 7-10 for mating quick connect tabs.
- UL Listed under Underwriters' Laboratories File E137778.
- CSA Certified by Canadian Standards Association File LR97795.
- Consult Heyco for many additional terminal options not listed here.

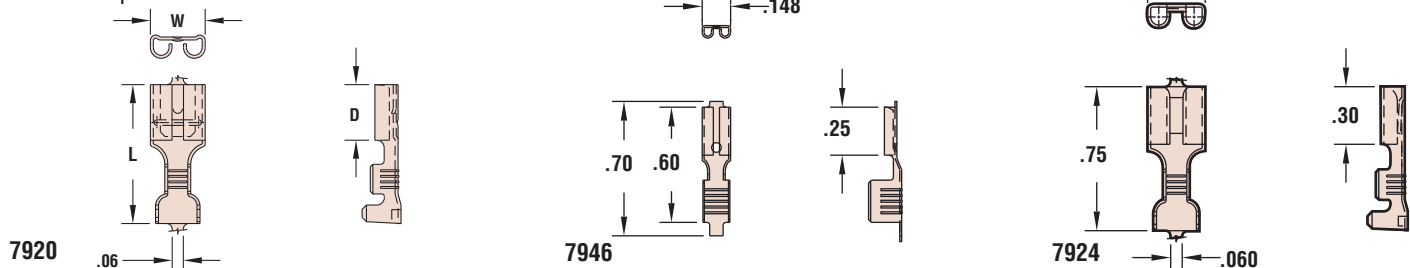
PART NO.	MATERIAL	WIRE RANGE	FEED	MATING TAB DIMENSION	STOCK THICKNESS	INSULATION DIAMETER	W	L	D
7920	Brass	18-14 AWG	Traverse	.250 x .032	.016	.120/.170	.296	.750	.300
7921	Pre-tin Brass								
7923	Pre-tin Brass	18-14 AWG	Traverse	.250 x .032	.018	.120/.170	.296	.750	.300
7931	Pre-tin Brass								
7932	Brass	18-16 AWG	Traverse	.187 x .032	.016	.090/.130	.232	.590	.250
7933	Pre-tin Brass								
7940	Brass	22-18 AWG	Traverse	.110 x .020	.010	.060/.100	.148	.640	.250
7941	Pre-tin Brass								
7942	Brass	22-18 AWG	Traverse	.110 X .032	.010	.060/.100	.148	.640	.250
7943	Pre-tin Brass								

Non-Insulation Support Terminals

7946	Brass	16-12 AWG	Traverse	.110 x .020	.010	—	.148	.600	.250
------	-------	-----------	----------	-------------	------	---	------	------	------

Low Insertion Force Insulation Support Terminals

7924	Brass	18 - 14	Traverse	.250	.032	.120/.170	—	—	—
7925	Pre-Tin								



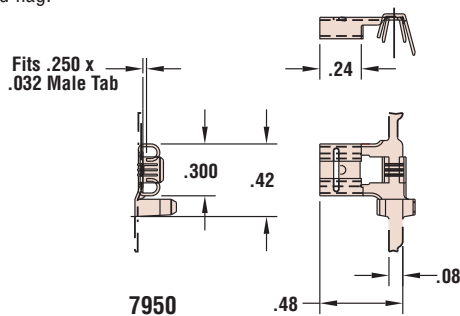


Heyco® Quick Connect Terminals

Flag Insulation Support Terminals

O; QS MN-	L; SDQH K	V HQD Q; MF D	EDDC	L; SHMF S; A CH L DMRHM	RSNBJ SGHBJ MDRR	HMRTK; SHMM CH L DSDQ	V	K	C
684/ 7951	Brass Pre-tin Brass	18-14 AWG	Traverse	.250 x .032	.016	.110/.160	.300	.480	.240
*7953	Pre-tin Brass								

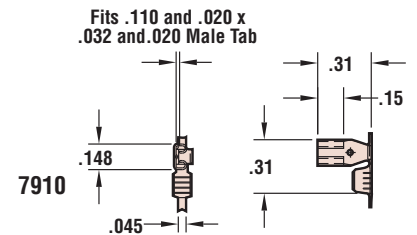
*Indicates a left-handed flag.



- Available in brass and pre-tinned brass.
- Quick-Connects allow you to easily choose the right terminals for your application.
- Field Tested.
- Can be applied with your existing equipment or with Heyco applicators.
- These applicators offer reliable connections semi-automatically and by integration into automated termination.
- Most popular configurations available.
- .250" flag
- See page 7-9 for mating quick connect terminals.
- Female Connectors Listed under Underwriters' Laboratories File E137778.
- Female Connectors Certified by Canadian Standards Association File LR97795.

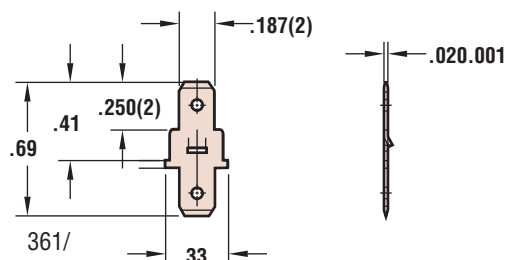
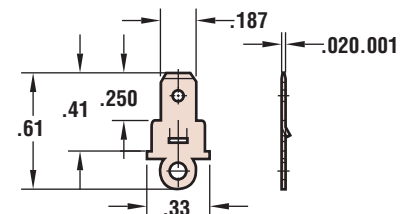
Heyco® Flag Terminals

PART NO.	MATERIAL	WIRE RANGE	FEED	MATING TAB DIMENSION	STOCK THICKNESS	W	L	D
7910	Brass	24-18 AWG	Traverse	.110 x .020	.010	.148	.310	.150
7911	Pre-tin Brass							



Heyco® Male Tab Terminals, .020 thick

PART NO.	MATERIAL	WIRE RANGE	FEEDS	DIE	CRIMP PUNCH	ANVIL
4700	Brass	Solder	Bulk	—	—	—
4701	Pre-tin Brass	Solder	Bulk	—	—	—
4720	Brass	Solder	Bulk	—	—	—
4721	Pre-tin Brass	Solder	Bulk	—	—	—
4710	Brass	18 AWG	Bulk	—	—	—
4750	Brass	18 AWG	Left to Right	4750UX5	C458	C463
4751	Pre-tin Brass	18 AWG	Left to Right	4751UX5	C458	C463
8301	Brass	18 AWG	Right to Left	8301U185	C460	C465

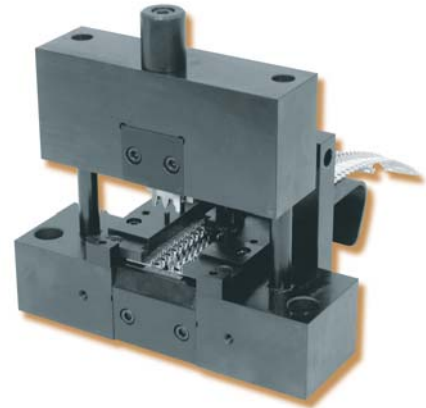




Heyco® Application Equipment

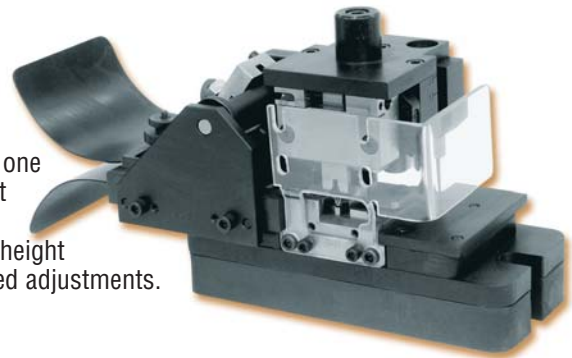
Standard Applicator

Available for some Heyco® terminals. Fits in standard bench presses with 5" shut height and 1-1/2" stroke. Left-to-right and right-to-left or rear feed.



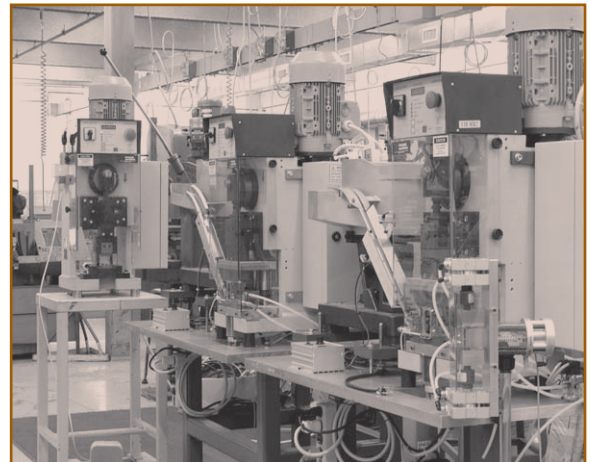
Universal Assembly Die

Modular design allows the application of a wide variety of terminals in one die set. The top and bottom "tool packs" are replaced to apply different types of terminals. Adjustable feed: left-to-right or right-to-left. Adjustable stroke: fits most standard 3 and 5 ton presses. Easy crimp height adjustments. New feed and drag design make for simple consistent feed adjustments.



Semi-Automatic Application Systems

This equipment provides accurate, easy termination of all three contacts at once for Heyco's Male and Female Preassembled Cordset Components. Parts are bowl or gravity fed into the application die eliminating the need for operator placement. The unique funnel design provides precise placement of the wire in the contacts crimps. A Stripping unit can be added to prepare the wire prior to termination.



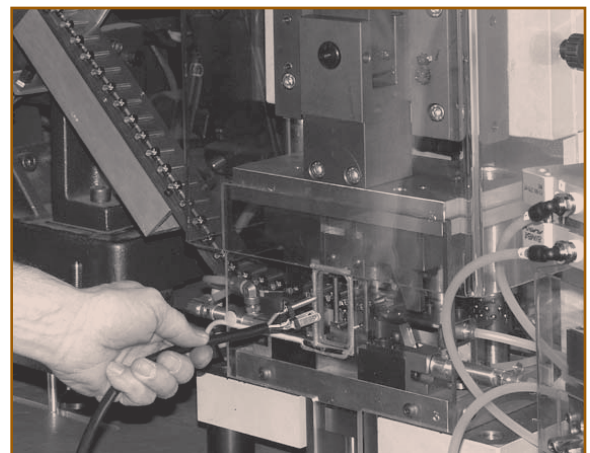
Wire Stripper

Heyco now offers a Wire Stripping Unit for use with our Standard and Universal applicators and our Semi-Automatic Application Systems. This unit will cut and strip to length the inner jacket of your wire. It also preforms the wire for faster insertion when using our Semi-Automatic Application Systems.

Order the Z464 Wire Stripper Assembly Base with the appropriate wire gauge tooling shown:

- Z462 Wire Stripper (18 Ga.)
- Z498 Wire Stripper (16 Ga.)
- Z499 Wire Stripper (14 Ga.)
- Z590 Wire Stripper (12 Ga.)
- Z591 Wire Stripper (10 Ga.)

The wire gauge tooling is interchangeable if various wire gauges are required.





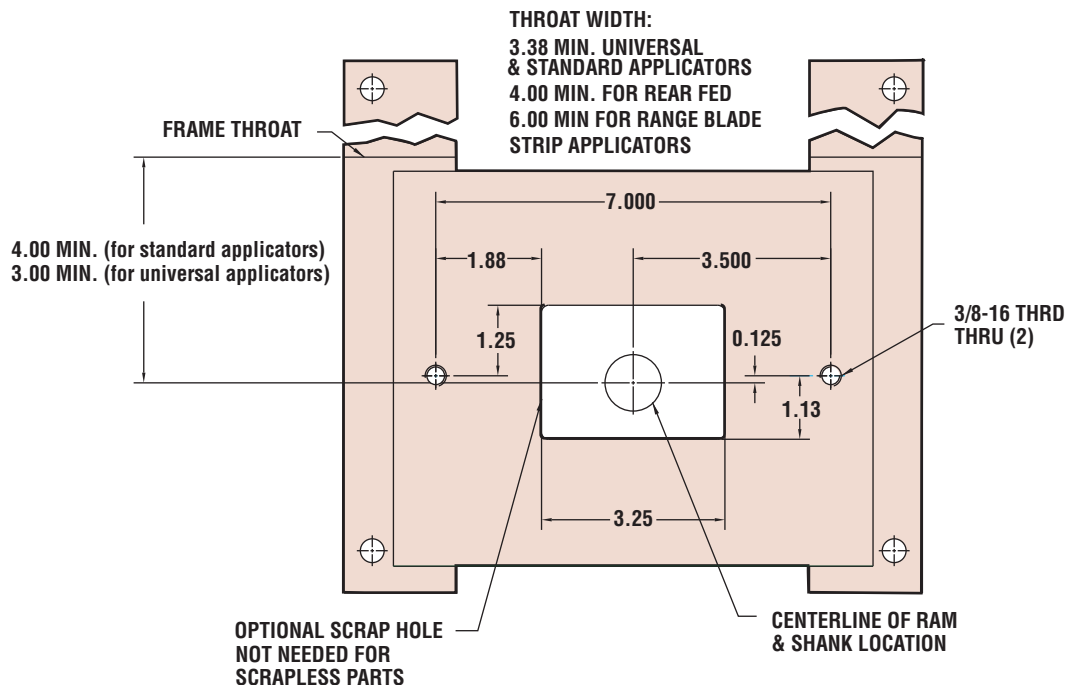
Instructions...

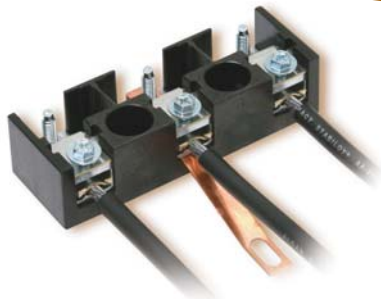
Instructions for ordering a Heyco Applicator:

1. Please provide your customer service representative with the correct Heyco Part Number.
2. Please provide your customer service representative with the AWG (American Wire Gauge) you will be using in connection with the Heyco part.
3. Please provide your customer service representative with the shut height of your press.
4. Please provide your customer service representative with a sample of the wire you will be using in your application.
5. Please provide your customer service representative with your desired wire range (in place of the "xx" that appears under the Die column) you will need in connection with the Heyco part.

Press Specifications:

1. 3 or 5-tons, depending on terminal.
2. 1.50" stroke, 5.00" shut height—standard.
3. 1.00-1.50" stroke, 4.00-5.00" shut height—universal.
4. Diameter of mounting hole for shank 1.00"



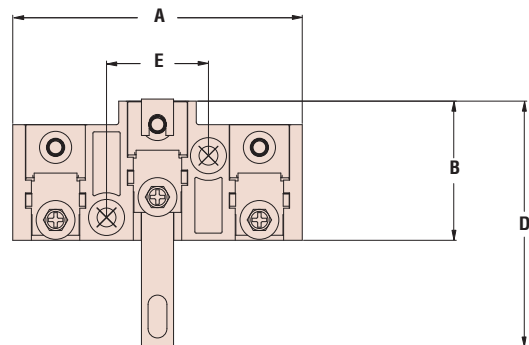


Heyco® ERTB Terminal Blocks

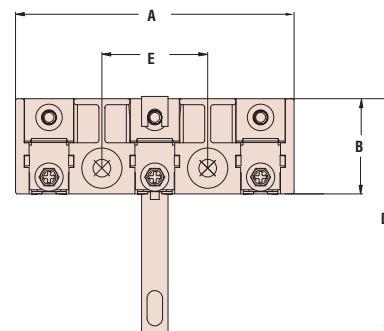
For High Current Copper and Aluminum Wire Applications

- Three pole terminal blocks, post to clamp style.
- Suitable for 6-4 AWG **aluminum** or 10-6 AWG copper stranded wire. 8 AWG and large compact conductor only for copper.
- Wire protector flap so that screw does not act directly upon wire, accepts and permits use of less expensive **aluminum** wire.
- All types rated at 300 volts 60 amps.
- Body molded of impact resistant polycarbonate.
- Solid copper grounding strap.
- Low installation torque - 35 lbs.

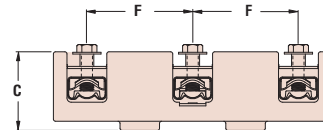
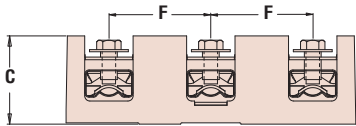
PART NO.	DESCRIPTION	TERMINAL POST CONFIGURATION	A O.A. Length		B Block Depth		C O.A. Height		D O.A.Strap Length		E Mounting Hole		F Terminal Spacing	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
9460	ERTB-1A	OFFSET	3.38	85,9	1.63	41,4	1.03	26,2	2.88	73,2	1.19	30,2	1.19	30,2
9468	ERTB-2C	IN-LINE	3.95	100,3	1.35	34,3	1.12	28,4	2.88	73,2	1.50	38,1	1.50	38,1
9469	ERTB-2D	IN-LINE	3.95	100,3	1.35	34,3	1.12	28,4	3.32	84,3	1.50	38,1	1.50	38,1



9460



9468/9469



Quick Specs

Flammability Rating
Certifications

94V-0

Recognized under the Component Program of Underwriters' Laboratories File E235481.



Certified by the Canadian Standards Association, File LR 8919.

Material Temperature Index

257°F (125°C)



Heyco® Barrier Terminal Blocks

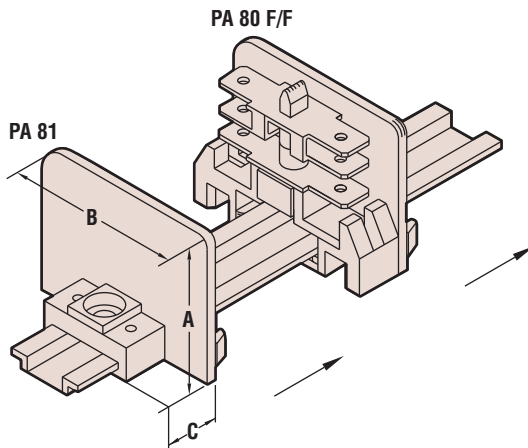
PA 80 Series

WIRE SIZE AWG	SIZE mm ²	AMPS		POLES*	PART NO.	DESCRIPTION	TERMINAL TAB CONFIGURATION	PART DIMENSIONS					
		North America	Europe					A		B		C	
					Natural			in.	mm.	in.	mm.	in.	mm.
12-22	4-1	20	16	1-100*	1757	PA 80 F/F	3 tabs to 3 tabs	1.142	29,0	1.496	38,0	.433	11,0
12-22	4-1	20	16	1-100*	1758	PA 81	end plate	1.142	29,0	1.496	38,0	.433	11,0

Standard color natural.

*Poles may be ganged as required, 1 each P/N 1757 for each pole connected.

- Single pole barrier terminal block, whose inserts are ultrasonically welded into position.
- Each pole snap-fits into the next, enabling custom number of poles to suit your application.
- End plate PA 81 is required to effect an end barrier.
- Suitable for chassis or 15 DIN 46277 rail mounting.
- All types are rated at 600 volts (380 volts in Europe).
- Made of 6/6 Nylon and brass with a 94V-2 flammability rating.
- Material Temperature Index: 221°F (105°C)





Heyco® Standard Appliance Terminal Blocks

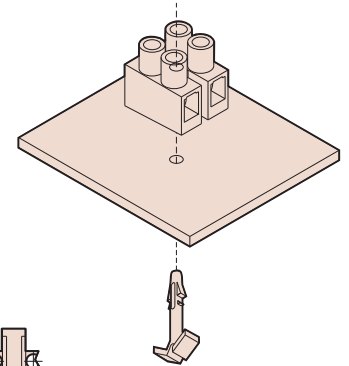
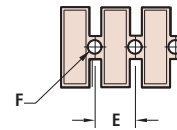
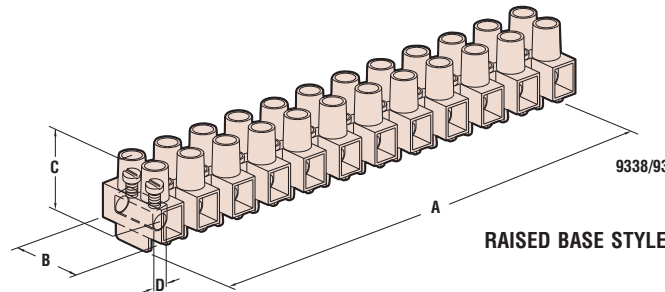
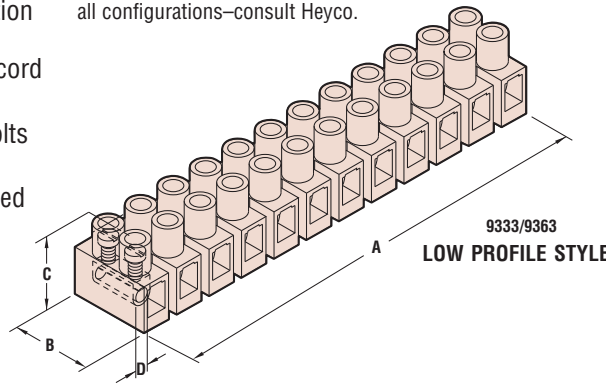
Screw to Screw

- Allows standardization of the SOLID WIRE Cordset. Input and output wires are always secured with a screw.
- Modern low profile design occupies less "real estate" inside the appliance.
- No exposed metal parts. "Dead front" designed safety.
- Pressure clamp connectors are supplied in the open position, ready to accept single or multiple solid conductors.
- To meet European requirements, your application may need a terminal block between the power supply cord and internal electricals.
- All sizes are rated at 300 volts (450 volts in Europe).
- Metal parts feature galvanized steel screws and Ni or tin plated brass inserts.
- Available in 94V-0 flame retardant (FR), glass-filled 6/6 Nylon material.
- Material Temperature Index: 284°F (140°C), except TB 3B-338°F (170°C).
- Consult Heyco for other pole configurations.

BODY STYLE	WIRE SIZE		AMPS North America	POLES	PART NO.		DESCRIPTION	Screws (Metric)	PART DIMENSIONS											
	AWG	mm ²			Natural	FR Brown			A 12 Poles	B	C	D	E	F						
								in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.			
Low Profile*	12-22	2.5	20	2	9329	N/A	TB 0B-2P	M 2,6	3.69	93,6	.64	16,2	.61	15,4	.11	2,8	.32	8,0	.11	2,8
				3	9330	N/A	TB 0B-3P													
				12	9333	9363	TB 0B-12P													
Raised Base	10-20	4	30	2	9334	9364	TB 1B-2P	M 3,0	4,58	116,4	.73	18,6	.67	17,0	.14	3,6	.39	10,0	.14	3,6
				3	9335	9365	TB 1B-3P													
				12	9338	9368	TB 1B-12P													
	8-14	6	50	2	9339	N/A	TB 2B-2P	M 3,5	5,26	133,5	.87	22,2	.82	20,8	.17	4,2	.45	11,5	.15	3,7
				3	9340	N/A	TB 2B-3P													
				12	9343	9373	TB 2B-12P													
6-10	16	55	3	9345	N/A	TB 3B-3P	M 4,0	6,89	175,0	.99	25,2	1,04	26,3	.23	5,8	.59	15,0	.20	5,1	
			12	9348	9378	TB 3B-12P														

Standard color natural. Flame retardant brown available at extra charge. Parts available without raised base.

*Body Style indicates our standard offering/stocked product and the alternate body style is available for all configurations—consult Heyco.



Quick Specs

Material
Flamability Rating
Certifications

6/6 Nylon and brass
94V-2



Recognized under the Component Program of Underwriters' Laboratories File E197025



Certified by the Canadian Standards Association File LR210961



Approved



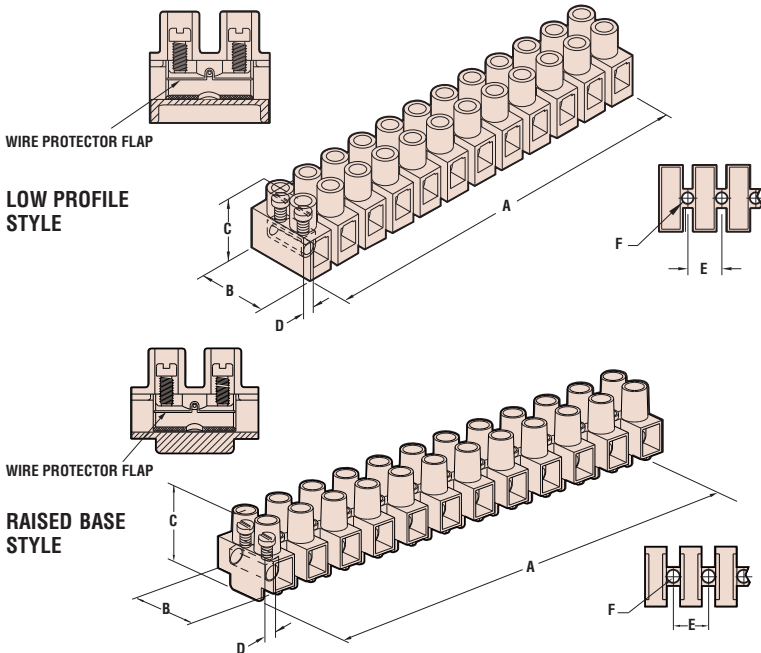
Heyco® Wire Protector Terminal Blocks

Screw to Screw—With Wire Protector Flap

BODY STYLE	WIRE SIZE AWG	WIRE SIZE mm ²	AMPS North America	POLES	PART NO.		DESCRIPTION	Screws (Metric)	PART DIMENSIONS											
					Natural	FR Brown			A (12) Poles		B		C		D		E		F	
									in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
Low Profile*	12-22	2,5	20	2	9389	9419	TB 0B-WP-2P	M 2,6	3.69	93,6	.64	16,2	.61	15,4	.11	2,8	.32	8,0	.11	2,8
				3	9390	N/A	TB 0B-WP-3P													
				12	9393	N/A	TB 0B-WP-12P													
	10-20	4	30	2	9394	N/A	TB 1B-WP-2P	M 3,0	4.58	116,4	.73	18,6	.67	17,0	.14	3,6	.39	10,0	.14	3,6
				3	9395	9425	TB 1B-WP-3P													
				4	N/A	9426	TB 1B-WP-4P													
				12	9398	9428	TB 1B-WP-12P													
Raised Base	8-14	6	50	2	9399	9429	TB 2B-WP-2P	M 3,5	5.26	133,5	.87	22,2	.82	20,8	.17	4,2	.45	11,5	.15	3,7
				3	9400	N/A	TB 2B-WP-3P													
				12	9403	9433	TB 2B-WP-12P													
	6-10	16	55	2	9404	N/A	TB 3B-WP-2P	M 4,0	6.89	175,0	.99	25,2	1.04	26,3	.23	5,8	.59	15,0	.20	5,1
				3	9405	9435	TB 3B-WP-3P													
					9408	9438	TB 3B-WP-12P													
				12																

Standard color natural. Flame retardant brown available at extra charge.

*Body Style indicates our standard offering/stocked product and the alternate body style is available for all configurations—consult Heyco.



Material	6/6 Nylon and brass
Flamability Rating	94V-2
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E197025 Certified by the Canadian Standards Association File LR210961 Approved

- Wire protector flap allows the use of STRANDED or SOLID wire with no crimp terminals and no soldering required.
- Allows standardization of the SOLID WIRE Cordset. Input and output wires are always secured with a screw.
- Modern low profile design occupies less "real estate" inside the appliance.
- No exposed metal parts. "Dead front" designed safety.
- Pressure clamp connectors are supplied in the open position, ready to accept single or multiple solid conductors.
- All sizes are rated at 300 volts (450 volts in Europe).
- Metal parts feature galvanized steel screws and Ni or tin plated brass inserts.
- Available in 94V-0 flame retardant (FR), glass-filled 6/6 Nylon material.
- Material Temperature Index: 284°F (140°C), except TB 3P—338°F (170°C).
- Part No. 9299 fixing pin can be used to mount all terminal blocks, with panel thickness limitations—consult Heyco.

Quick Specs



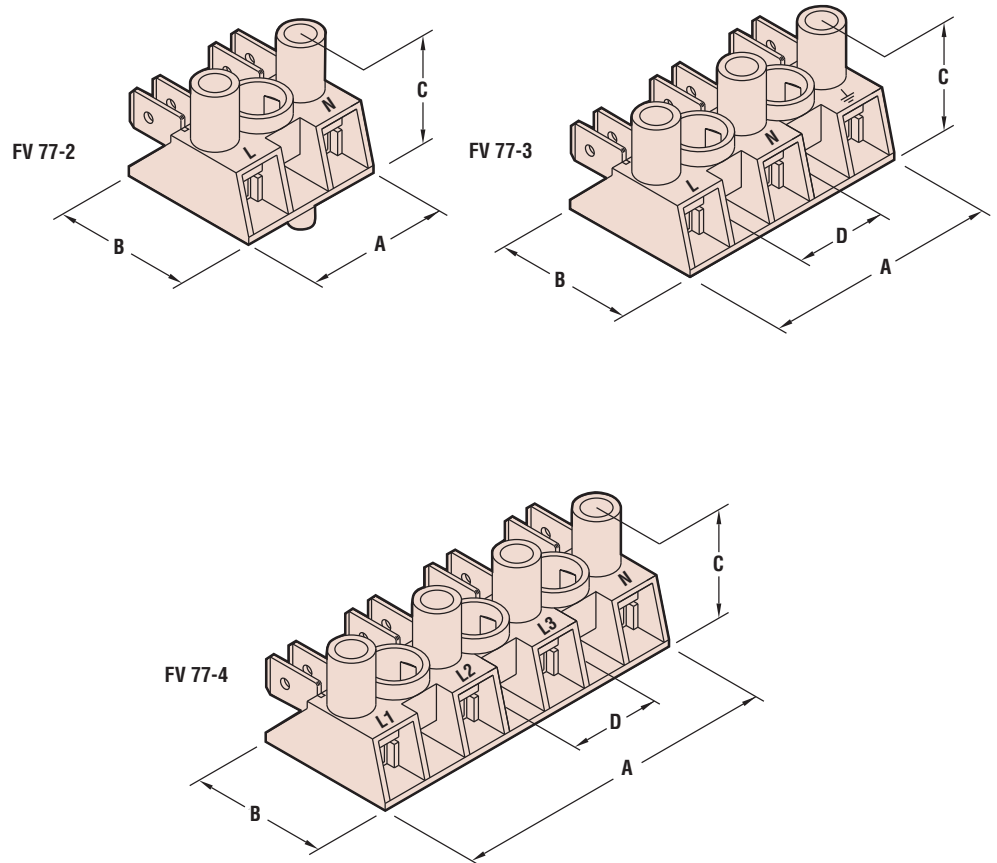
Heyco® Screw to Tab Terminal Blocks

Screw to (2) Tabs

- High working temperature capability.
- Available in Standard form for solid wire and Wire Protection form for stranded or solid wire.
- Two .250" by .031" (6,4 by 0,8 mm) tabs per pole.
- FV 77-2 poles are marked L and N.
- FV 77-3 poles are marked L,N and .
- FV77-4 poles are marked L1, L2, L3, and N.
- All sizes are rated at 600 volts (380 volts in Europe).
- Affix to panel with No. 8 (M4) screws and nuts or use self tapping screws. An anti-rotation spigot is incorporated into the base.
- Made of 6/6 Nylon and brass with a 94V-0 flammability rating.
- Material Temperature Index: 302°F (150°C)

WIRE SIZE AWG	mm ²	AMPS		POLES	PART NO. FR 94V-0 Brown	DESCRIPTION	Screws (Metric)	PART DIMENSIONS							
		North America	Europe					A		B		C		D	
								in.	mm.	in.	mm.	in.	mm.	in.	mm.
Standard															
10-14	4	20	16	2	1554	FV 77-2	M 3,5 x 7	.984	25,0	1.043	26,5	.846	21,5	N/A	N/A
				3	1556	FV 77-3	M 3,5 x 7	1.614	41,0	1.043	26,5	.846	21,5	.550	14,0
				4	1558	FV 77-4	M 3,5 x 7	2.244	57,0	1.043	26,5	.846	21,5	.550	14,0
With Wire Protector Flap															
10-14	4	20	16	2	1555	FV 77-2 WP	M 3,5 x 7	.984	25,0	1.043	26,5	.846	21,5	N/A	N/A
				3	1557	FV 77-3 WP	M 3,5 x 7	1.614	41,0	1.043	26,5	.846	21,5	.550	14,0
				4	1559	FV 77-4 WP	M 3,5 x 7	2.244	57,0	1.043	26,5	.846	21,5	.550	14,0

Standard color flame retardant brown.





Heyco® Screw to Tab Terminal Blocks

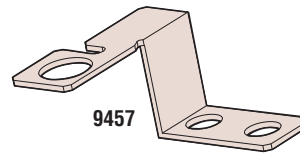
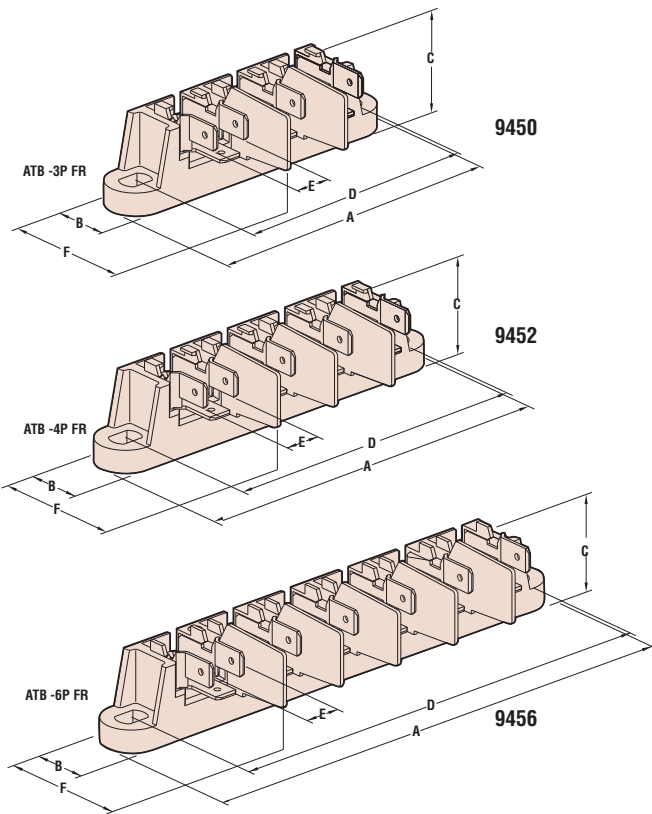
Screw to (3) Tabs Flame Retardant and UL 94V-0



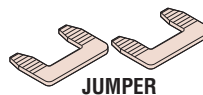
AWG	MM ²	AMPS	POLES	PART NO.	DESCRIPTION	Screws (Metric)	PART DIMENSIONS											
							A		B		C		D		E		F	
				Brown			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
8-18	10	40	3	9450	ATB-3P FR	M5,0	3.19	81,0	.59	15,0	1,00	25,4	2,60	66,0	.41	10,4	1,48	37,5
8-18	10	40	3	9451	ATB-3P FR w/ Ground	M5,0	3.19	81,0	.59	15,0	1,00	25,4	2,60	66,0	.41	10,4	1,48	37,5
8-18	10	40	4	9452	ATB-4P FR	M5,0	3.90	99,0	.59	15,0	1,00	25,4	3,31	84,0	.41	10,4	1,48	37,5
8-18	10	40	6	*9454	ATB-6P FR	M5,0	5.31	135,0	.59	15,0	1,00	25,4	4,72	120,0	.41	10,4	1,48	37,5
8-18	10	40	6	*9455	ATB-6P FR w/ Ground	M5,0	5.31	135,0	.59	15,0	1,00	25,4	4,72	120,0	.41	10,4	1,48	37,5
				9456	Jumper for Screw to Tab Poles													
				9457	Ground for Screw to Tab TB													

Standard color flame retardant brown.

*Includes three jumpers. To order additional jumpers, see part 9456.



GROUND CONTACT



- Three .250" by .031" (6,3 by 0,8mm) tabs per pole.
- ATB-3P poles are marked 1, 2, and .
- ATB-4P poles are marked 1, 2, 3 and .
- ATB-6P poles are marked 1, 2, 3, 4, 5 and .
- All sizes are rated at 600 volts (450 volts in Europe).
- Self-grounding version is available. Identical to the base parts except that an extension on the grounding pole makes direct contact with the panel. The extension is secured with two self-tapping screws.
- Ground contact (**Part No. 9457**)— Grounds terminal block to the panel. May be ordered separately or with the listed Appliance Terminal Blocks.
- Jumper (**Part No. 9456**)— To connect terminal block poles. For use with Heyco's Screw to Tab terminal blocks.

Material	6/6 Nylon and brass
Flamability Rating	94V-0
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E197025
Temperature Rating	Approved 302°F (150°C)

Quick Specs



- Ribbed shell provides sure grip.
- Welded one piece spring/shell for added reliability.
- Rated for 300 volts, except as noted.
- Accepts #22 to #14 AWG wire.
- Deep, wide skirt helps protect against flash-over and turned back strands for maximum dielectric protection.
- Reuseable for easy circuit changes and additions.
- Classified in accordance with IEC Publications 998-2 and 998-2-4.

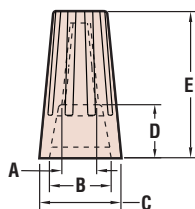
Heyco® OEM Wire Connectors

WIRE COMBINATIONS (AWG)	PART NO.	DESCRIPTION	PART DIMENSIONS									
			A		B		C		D		E	
Tan			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
300V #22 to #16 AWG Min. 2 #22 Max. 2 #16	2922	OEM WC 71	.158	4,0	.253	6,5	.328	8,4	.172	4,4	.578	14,7
300V #22 to #14 AWG Min. 2 #22 Max. 3 #16	2924	OEM WC 72	.172	4,4	.281	7,1	.391	9,9	.172	4,4	.703	17,9
600V* #22 to #16 AWG Min. 1 #18 w/ 1 #20 Max. 4 #16 w/ 1 #20	2926	OEM WC 73*	.172	4,4	.343	8,8	.437	11,1	.312	7,9	.859	21,8
600V* #22 to #14 AWG Min. 2 #22 Max. 3 #14	2928	OEM WC 59*	.172	4,4	.375	9,5	.484	12,3	.515	13,1	1.063	27,0

*Rated for 600 volts or 1000 volts in fixtures and signs.



- Four sizes available to meet your needs.
- Welded one piece spring/shell for added reliability.
- Black, thermoplastic shell specially designed to withstand the extreme heat build-up commonly found in high-wattage light fixtures and signs.
- Fire-retardant shell.
- Accepts #22 to #14 AWG wire.
- See page 7-21 for Installation Tools.



Heyco® OEM High Temp Wire Connectors

WIRE COMBINATIONS (AWG)	PART NO.	DESCRIPTION	PART DIMENSIONS									
			A		B		C		D		E	
Black			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
300V #22 to #16 AWG Min. 2 #22 Max. 2 #16	2923	HT WC 71	.158	4,0	.253	6,5	.328	8,4	.172	4,4	.578	14,7
300V #22 to #14 AWG Min. 2 #22 Max. 3 #16	2925	HT WC 72	.172	4,4	.281	7,1	.391	9,9	.172	4,4	.703	17,9
600V* #22 to #16 AWG Min. 1 #18 w/ 1 #20 Max. 4 #16 w/ 1 #20	2927	* HT WC 73	.172	4,4	.343	8,8	.437	11,1	.312	7,9	.859	21,8
600V* #22 to #14 AWG Min. 2 #22 Max. 3 #14	2929	* HT WC 59	.172	4,4	.375	9,5	.484	12,3	.515	13,0	1.063	27,0

*Rated for 600 volts or 1000 volts in fixtures and signs.

Quick Specs

Flamability Rating

94V-2

Certifications



Listed under the Component Program of Underwriters' Laboratories File E80121



Certified by the Canadian Standards Association File LR211101

Temperature Rating

302°F (150°C)



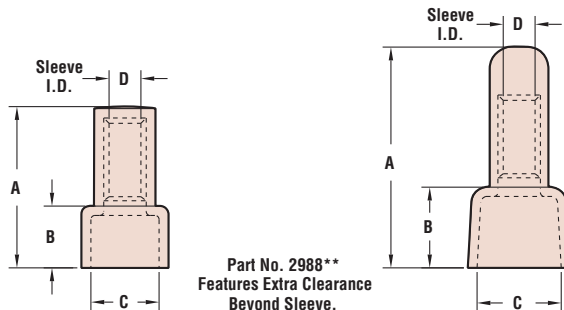
Heyco® Crimp-On Wire Connectors

WIRE COMBINATIONS (AWG)	PART NO.	DESCRIPTION	USE CRIMP TOOL	PART DIMENSIONS							
				A		B		C		D	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.
JOINS: 1#16 & 1#20 Thru 2-5#22	2986	1622N	0992 (YS-7)	.598	15,2	.232	5,9	.244	6,2	.094	2,4
JOINS: 1#14 & 1#18 Thru 2-7#22	2988**	1422DN	0992 (YS-7)	.830	21,1	.310	7,9	.330	8,4	.118	3,0
JOINS: 1#14&1#18 Thru 2-7#22	2990	1422N	0992 (YS-7)	.598	15,2	.232	5,9	.256	6,5	.118	3,0
JOINS: * 1#10&1#14 Thru 4#20	2992	1022N	0992 (YS-7)	.701	17,1	.315	8,0	.370	9,4	.158	4,0
JOINS: * 1#10&1#12 Thru 4#16	2994	1020N	0993 (YS-8S)	.874	22,2	.402	10,2	.472	12,0	.199	5,1

- Closed-end nylon shell with plated copper internal sleeve.
- Quick, permanent and secure installation with recommended crimp tool.
- Five sizes for #10 AWG thru #22 AWG.
- UL rated at 600 volts except as noted.

*Only suitable for stranded #10 AWG (6,0mm) wire.

**Extra clearance beyond sleeve.



Material
Flamability Rating
Certifications
Temperature Rating

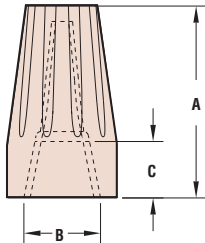
6/6 Nylon and brass
94V-0
UL Listed Underwriters' Laboratories File E80121
221°F (105°C)

Quick Specs



Heyco® Color Coded Wire Connectors

- Gray, Blue, Orange, Yellow and Red colors for easy size and capacity identification.
- Square wire spring insert bites into and securely connects #10 AWG thru #22 AWG.
- 81-G and 82-B UL rated 300 volts. 83-0, 84-Y and 86-R UL rated at 600 volts.
- Fluted body for easy assembly.



WIRE COMBINATIONS (AWG)	PART NO.	DESCRIPTION	COLOR	PART DIMENSIONS					
				A		B		C	
				in.	mm.	in.	mm.	in.	mm.
JOINS #22 Thru #18 Min. 1#22 & 1#20 Max. 3#20 & 2#22	2937	81-G	Gray	.578	14,7	.250	6,4	.172	4,4
JOINS #22 Thru #16 Min. 3#20 Max. 1#14 & 3#20	2940	82-B	Blue	.687	17,5	.296	7,5	.250	6,4
JOINS #18 Thru #10 Min. 2#18 Max. 2#14	2949	83-0	Orange	.859	21,8	.343	8,7	.343	8,7
JOINS #18 Thru #10 Min. 1#14 & 1#18 Max. 1#10 & 1#14	2952	84-Y	Yellow	.953	24,2	.437	11,1	.281	7,1
JOINS #16 Thru #10 Min. 2#14 Max. 1#10 & 2#12	2955	86-R	Red	1.047	26,6	.531	13,5	.281	7,1

Quick Specs

Flamability Rating
Certifications

94V-2
 Listed Underwriters' Laboratories File E80121
 Certified by the Canadian Standards Association File LR211101
 Temperature Rating

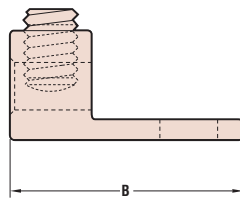
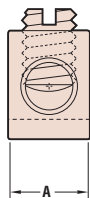
221°F (105°C)



Heyco® Aluminum Solderless Connectors

WIRE RANGE (AWG)	PART NO.	DESCRIPTION	HEIGHT WITH MAX. WIRE		A Width		B Length		Bolt Size	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.
			6-14	1863	A35	1/2	12,7	3/8	9,5	1-1/16
2-14	1864	A90	9/16	14,3	1/2	12,7	1-5/32	29,4		

- Compact design—lightweight yet strong.
- Requires no special installation tools.
- Electro-tin plated for low contact resistance and corrosion protection when used with copper conductors.
- Ports are marked with catalog description and conductor range.
- UL and CSA certified for use with copper and aluminum conductors.



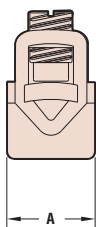
Heyco® Copper Lug Connectors Copper Single Hole Offset Lugs



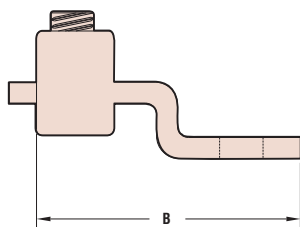
WIRE RANGE (AWG)	PART NO.	DESCRIPTION	CURRENT RATING AMPS	HEIGHT WITH MAX. WIRE		A Tang Width		B Length		Bolt Size	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.
				10-14	1850	CB 25	25	11/16	17,5	5/16	7,9
6-14 & Comb**	1851	CB 35	50	3/4	19,1	3/8	9,5	1-3/16	30,2	3/16	4,8

**10/2, 12/2, 14/2, 10/1 and 12/1, 12/1 and 14/1.

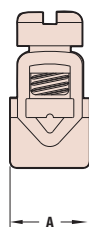
- 100% conductivity for highest efficiency.
- Completely reusable.
- Requires no special installation tools.
- UL listed and CSA certified for use with copper conductors.
- Marked with catalog description and conductor range.



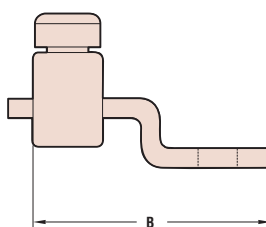
1851



B



1850



B

Material
Certifications

- 6061-T6 aluminum alloy; electrolytic copper
- UL Listed Underwriters' Laboratories File E80121
- CSA Certified by the Canadian Standards Association File LR211103

Flamability Rating

94V-0

Quick Specs



Heyco® Wire Connector LabKit #10

(Part No. 2901)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco Kits contain an assortment of our most popular Wire Connectors.
- Heyco also offers lab kits for Liquid Tight Cordgrips (2-20), Strain Relief Bushings (3-29), Bushings (4-23), Plugs (5-19), and Cable and Hose Clamps (6-24).



Heyco® Empty LabKit Boxes

(Part No. 3012)

Empty LabKit Boxes are available for sale. Now you can create your own customized LabKit assortments or sample boxes. Consult your Heyco Products Customer Service Representative for details.

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
0018	1-AB PLIERS	3-25	0311	AC 11	6-20	1237	SR 7P-2	3-14	1541	SR 4N-7	3-17
0019	R-12 PLIERS	3-25	0313	AC 13	6-20	1240	SR 7K-2	3-14	1554	FV 77-2	7-17
0020	R 100 PLIERS	3-1	0314	AC 14	6-20	1244	SR 7N-2	3-14	1555	FV 77-2 WP	7-17
		3-25	0315	AC 15	6-20	1247	SR 7W-2	3-14	1556	FV 77-3	7-17
0021	R-291 PLIERS	3-25	0316	AC 16	6-20	1250	SR 7L-2	3-14	1557	FV 77-3 WP	7-17
0022	R-29 PLIERS	3-25	0317	AC 17	6-20	1254	SR 8N-2	3-14	1558	FV 77-4	7-17
0023	R 100W PLIERS	3-1	0339	PF 39	6-20	1260	SR 8P-2	3-14	1559	FV 77-4 WP	7-17
		3-25	0342	PF 42	6-20	1266	SR 8R-200	3-10	1590	SR 5N-7	3-17
0024	A-10 PLIERS	3-21	0350	PF 50	6-20	1271	SR 7KR-2	3-14	1593	SR 5P-7	3-17
0025	R 100L/W PLIERS	3-1	0360	PF 60	6-20	1274	SR 8L-1	3-14	1596	SR 6N-7	3-17
0025	R100A/AT PLIERS	3-25	0361	PF 61	6-20	1287	SR 9P-2	3-14	1599	SR 6N3-7	3-17
0026	RDD 100 HAND PLIERS	3-1	0998	NYTYE TOOL	6-17	1292	SWP-500	5-12	1602	SR 6P-7	3-17
0027	RDD 200, 300 & 400 SERIES HAND PLIERS	3-1	1017	SR 2P-4	3-11	1293	SWP-625	5-12	1605	SR 6P3-7	3-17
0028	R-301 PLIERS	3-25	1020	SR 2P-5	3-18	1294	SWP-750	5-12	1611	SR 7P-7	3-17
0030	R-30 PLIERS	3-25	1025	HFB 3/8 BLACK	1-13	1295	SWP-875	5-12	1654	SP-218 BLACK	5-5
0150	PG-T 7 STARTING	1-14	1026	HFB 3/8 GRAY	1-13	1296	SWP-1000	5-12	1655	SP-218 WHITE	5-5
		2-27	1027	HFB 1/2 BLACK	1-13	1299	OWP-875-2000	5-12	1660	SP-281 BLACK	5-5
0151	PG-T 7 FINISHING	1-14	1028	HFB 1/2 GRAY	1-13	1300	WP-187	5-11	1661	SP-281 WHITE	5-5
		2-27	1029	HFB 3/4 BLACK	1-13	1301	WP-250	5-11	1663	SP-343 BLACK	5-5
0153	PG-T 9 STARTING	1-14	1030	HFB 3/4 GRAY	1-13	1302	WP-312	5-11	1664	SP-343 WHITE	5-5
		2-27	1031	HFB 1 BLACK	1-13	1303	WP-375	5-11	1666	SP-406 BLACK	5-5
0154	PG-T 9 FINISHING	1-14	1032	HFB 1 GRAY	1-13	1304	WP-437	5-11	1667	SP-406 WHITE	5-5
		2-27	1034	SR 2L-1	3-11	1305	WP-500	5-11	1669	SP-468 BLACK	5-5
0156	PG-T 11 STARTING	1-14	1060	SR 2M-1	3-13	1307	WP-625	5-11	1670	SP-468 WHITE	5-5
		2-27	1074	SR 3A-4	3-11	1309	WP-750	5-11	1672	SP-531 BLACK	5-5
0157	PG-T 11 FINISHING	1-14	1077	SR 3P-4	3-11	1311	WP-875	5-11	1673	SP-531 WHITE	5-5
		2-27	1080	SR 3P-5	3-18	1312	WP-1000	5-11	1675	SP-593 BLACK	5-5
0159	PG-T 13.5 STARTING	1-14	1094	SR 3L-1	3-11	1313	WP-1093	5-11	1676	SP-593 WHITE	5-5
		2-27	1104	SR 3W-1	3-11	1314	WP-1375	5-11	1678	SP-312 BLACK	5-5
0160	PG-T 13.5 FINISHING	1-14	1108	SR 4N-5	3-18	1316	WP-1500	5-11	1679	SP-312 WHITE	5-5
		2-27	1114	SR 4K-1	3-11	1318	WP-1750	5-11	1681	SP-375 BLACK	5-5
0162	PG-T 16 STARTING	1-14	1117	SR 4K-4	3-11	1319	WP-2000	5-11	1682	SP-375 WHITE	5-5
		2-27	1120	SR 4N-4	3-11	1320	SR 10-2	3-15	1684	SP-437 BLACK	5-5
0163	PG-T 16 FINISHING	1-14	1124	SR 4L-1	3-11	1327	SR 11-2	3-15	1685	SP-437 WHITE	5-5
		2-27	1127	SR 4L-4	3-11	1330	SR 11K-2	3-15	1687	SP-500 BLACK	5-5
0165	PG-T 21 STARTING	1-14	1130	SR 4P-4	3-11	1333	SRP-375-330	3-24	1688	SP-500 WHITE	5-5
		2-27	1137	SR 5P3-4	3-13	1334	SRP-375-345	3-24	1690	SP-625 BLACK	5-5
0166	PG-T 21 FINISHING	1-14	1140	SR 5M-3	3-13	1335	SRP-437-390	3-24	1691	SP-625 WHITE	5-5
		2-27	1143	SR 5N-5	3-18	1337	SRP-500-450	3-24	1693	SP-750 BLACK	5-5
0168	PG-T 29 STARTING	1-14	1147	SR 5P-4	3-13	1339	SRP-500-460	3-24	1694	SP-750 WHITE	5-5
		2-27	1150	SR 5N-4	3-13	1340	SRP-500-465	3-24	1696	SP-781 BLACK	5-5
0169	PG-T 29 FINISHING	1-14	1154	SR 5L-1	3-13	1341	SRP-562-530	3-24	1697	SP-781 WHITE	5-5
		2-27	1157	SR 5MN-3	3-13	1342	SRP-625-550	3-24	1699	SP-875 BLACK	5-5
0171	HAT375	3-26	1160	SR 6N4-4	3-12	1344	SRP-750-660	3-24	1700	SP-875 WHITE	5-5
0173	HAT437-A	3-26	1163	SR 6P4-4	3-12	1345	SRP-875-770	3-24	1702	SP-1000 BLACK	5-5
0175	HAT437	3-26	1167	SR 5K-4	3-11	1346	SRP-875-840	3-24	1703	SP-1000 WHITE	5-5
0177	HAT500-A	3-26	1170	SR 5KN-4	3-11	1354	SR 13-1	3-16	1705	SP-1093 BLACK	5-5
0179	HAT500	3-26	1174	SR 5W-1	3-12	1361	SR 14A-1	3-16	1706	SP-1093 WHITE	5-5
0181	HAT562	3-26	1181	SR 4A-6	3-11	1364	SR 14-1	3-16	1724	USR-400	3-19
0183	HAT625	3-26	1184	SR 6W-1	3-13	1374	SR 15-1	3-15	1726	USR-401	3-19
0185	HAT750-A	3-26	1187	SR 4N-6	3-11	1384	SR 16-1	3-16	1730	USR-40	3-19
0187	HAT750	3-26	1190	SR 4K-6	3-11	1397	SR 17-2	3-15	1757	PA 80 F/F	7-14
0189	HAT875	3-26	1200	SR 6N3-4	3-13	1424	SR 20-1	3-16	1758	PA 81	7-14
0191	HAT375X625	3-26	1207	SR 6P3-4	3-13	1434	SR 20L-1	3-16	1800	RDD 6N-2	3-3
0193	HAT875-A	3-26	1210	SR 6P-4	3-13	1440	SR 21-2	3-16	1802	RDD 601	3-4
0195	HAT560X730	3-26	1214	SR 6L-1	3-13	1454	SR 23-1	3-16	1804	SR 300-1	3-12
0197	HAT750X875	3-26	1217	SR 6N-4	3-13	1464	SR 24-1	3-16	1806	RDD 100A-90	3-6
0301	AC 1	6-20	1220	SR 6P3-5	3-18	1484	SR 30-1	3-12	1808	RDD 100-90	3-6
0302	AC 2	6-20	1223	SR 6N3-5	3-18	1497	SR 31-2	3-12	1810	RDD 200-90	3-6
0304	AC 4	6-20	1226	SR 6P-5	3-18	1497	SR 31-2	3-14	1814	SR 302-1	3-12
0305	AC 5	6-20	1229	SR 6K-5	3-18	1504	SR 33-1	3-12	1820	RDD 201-90	3-5
0306	AC 6	6-20	1232	SR 6P2-5	3-18	1517	SR 34-2	3-12	1824	RDD 301-90	3-5
0307	AC 7	6-20									
0309	AC 9	6-20									

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
1829	ST-100N	3-8	2073	SB 625-8 BLACK	4-1	2183	SB 1187-15 WHITE	4-2	2282	IB-1/8	4-12
1832	ST-101N	3-7	2074	SB 625-8 WHITE	4-1	2184	UB-1375	4-7	2284	IB-1/4 PHEN.	4-12
1834	ST-200N	3-8	2075	SB 625-4 BLACK	4-1	2198	SB 1250-15 BLACK	4-2	2286	IB-3/8 PHEN.	4-12
1836	ST-201N	3-7	2077	UB-625	4-7	2199	SB 1250-15 WHITE	4-2	2300	SB 1750-22 BLACK	4-2
1839	ST-101A	3-9	2078	SB 625-4 WHITE	4-1	2201	SB 1250-16 BLACK	4-2	2301	SB 1750-22 WHITE	4-2
1843	LSR-1939-300	3-9	2083	SB 687-8 BLACK	4-1	2202	SB 1250-16 WHITE	4-2	2302	HC 250 GF	6-4
1847	ST-100L	3-8	2084	SB 687-8 WHITE	4-1	2207	SB 1375-14 BLACK	4-2	2306	HC 344 BLACK	6-4
1848	ST-301N	3-7	2086	SB 687-9 BLACK	4-1	2208	SB 1375-14 WHITE	4-2	2307	HC 344 WHITE	6-4
1850	CB 25	7-22	2087	SB 687-9 WHITE	4-1	2210	SB 1375-16 BLACK	4-2	2308	HC 344 GF	6-4
1851	CB 35	7-22	2089	UB-750	4-7	2211	SB 1375-16 WHITE	4-2	2310	HC 406 BLACK	6-4
1852	RDD 101	3-3	2090	SB 750-6 BLACK	4-1	2213	UB-1500	4-7	2311	HC 406 WHITE	6-4
1854	ISR 14-27	3-10	2091	SB 750-6 WHITE	4-1	2233	SB 1500-17 BLACK	4-2	2312	HC 406 GF	6-4
1857	RDD 201	3-3	2092	SB 750-8 BLACK	4-1	2234	SB 1500-17 WHITE	4-2	2314	HC 468 BLACK	6-4
1861	RDD 301	3-4	2093	SB 750-9 BLACK	4-1	2236	SB 1500-18 BLACK	4-2	2315	HC 468 WHITE	6-4
1863	A35	7-22	2094	SB 750-9 WHITE	4-1	2237	SB 1500-18 WHITE	4-2	2316	HC 468 GF	6-4
1864	A90	7-22	2096	SB 750-10 BLACK	4-1	2240	SB 1500-21 BLACK	4-2	2318	HC 531 BLACK	6-4
1865	RDD 401	3-4	2097	SB 750-10 WHITE	4-1	2241	SB 1500-21 WHITE	4-2	2319	HC 531 WHITE	6-4
1868	RDD 501	3-4	2099	SB 750-8 WHITE	4-1	2243	LN M6 BRASS	1-11 2-22	2320	HC 531 GF	6-4
1870	RDD 101-A	3-3	2100	SB 812-9 BLACK	4-2	2244	LN M8 BRASS	1-11 2-22	2322	HC 593 BLACK	6-4
1872	RDD 100A	3-2	2101	SB 812-9 WHITE	4-2	2245	LN M10 BRASS	1-11 2-22	2323	HC 593 WHITE	6-4
1874	RDD 100	3-2	2103	SB 812-10 BLACK	4-2	2246	LN M12 BRASS	1-11 2-22	2324	HC 593 GF	6-4
1878	RDD 200	3-2	2104	SB 812-10 WHITE	4-2	2247	LN M16 BRASS	1-11 2-22	2326	HC 672 BLACK	6-4
1890	RP-115-130 BLACK	3-23 5-14	2106	UB-812	4-7	2248	LN M20 BRASS	1-11 2-22	2327	HC 672 WHITE	6-4
1891	RP-115-130 WHITE	5-14	2110	SB 875-6 BLACK	4-2	2249	LN M25 BRASS	1-11 2-22	2328	HC 672 GF	6-4
1999	LABKIT #1 SR	3-29	2111	SB 875-6 WHITE	4-2	2250	LN 1/2	1-11 2-22	2330	HC 750 BLACK	6-4
2000	SB 250-2 BLACK	4-1	2113	SB 875-7 BLACK	4-2	2251	LN 3/4	1-11 2-22	2331	HC 750 WHITE	6-4
2001	SB 250-2 WHITE	4-1	2114	SB 875-7 WHITE	4-2	2252	LN 1	1-11 2-22	2332	HC 750 GF	6-4
2003	SB 250-040 BLACK	4-1	2116	SB 875-8 BLACK	4-2	2253	LN M32 BRASS	1-11 2-22	2334	HC 875 BLACK	6-4
2004	SB 250-040 WHITE	4-1	2117	SB 875-8 WHITE	4-2	2254	LN M40 BRASS	1-11 2-22	2335	HC 875 WHITE	6-4
2010	SB 312-3 BLACK	4-1	2119	UB-875	4-7	2255	LN M50 BRASS	1-11 2-22	2336	HC 875 GF	6-4
2011	SB 312-3 WHITE	4-1	2120	SB 875-9 BLACK	4-2	2257	LN PG 7	1-11 2-22	2338	HC 953 BLACK	6-4
2017	SB 375-281 BLACK	4-1	2121	SB 875-9 WHITE	4-2	2258	LN PG 9	1-11 2-22	2339	HC 953 WHITE	6-4
2018	SB 375-281 WHITE	4-1	2122	SB 875-10 BLACK	4-2	2259	LN PG 11	1-11 2-22	2340	HC 953 GF	6-4
2020	SB 375-3 BLACK	4-1	2123	SB 875-10 WHITE	4-2	2260	LN PG 13	1-11 2-22	2342	HC 1031 BLACK	6-4
2021	SB 375-3 WHITE	4-1	2124	SB 875-10 WHITE	4-2	2261	LN PG 16	1-11 2-22	2343	HC 1031 WHITE	6-4
2021	SB 375-3 WHITE	4-1	2126	SB 875-11 BLACK	4-2	2262	LN PG 21	1-11 2-22	2344	HC 1031 GF	6-4
2030	SB 375-4 BLACK	4-1	2127	SB 875-11 WHITE	4-2	2263	LN PG 29	1-11 2-22	2346	HC 1250 BLACK	6-4
2031	SB 375-4 WHITE	4-1	2128	MDP 16 BLACK	5-4	2264	AB-0	4-11	2347	HC 1250 WHITE	6-4
2034	K 375-125	4-5	2128	MDP 16 WHITE	5-4	2265	AB-1	4-11	2348	HC 1250 GF	6-4
2037	SB 437-253 WHITE	4-1	2130	MDP 20 BLACK	5-4	2266	AB-2	4-11	2350	HC 1406 BLACK	6-4
2038	SB 437-4 BLACK	4-1	2131	MDP 20 WHITE	5-4	2267	AB-3	4-11	2351	HC 1406 WHITE	6-4
2039	SB 437-4 WHITE	4-1	2132	MDP 25 BLACK	5-4	2268	LN PG 36	1-11 2-22	2352	HC 1406 GF	6-4
2042	SB 437-253 BLACK	4-1	2133	MDP 25 WHITE	5-4	2269	LN PG 42	1-11 2-22	2354	HC 1593 BLACK	6-4
2042	SB 437-253 BLACK	4-1	2134	MDP 32 BLACK	5-4	2281	AB-ORANGE	4-11	2355	HC 1593 WHITE	6-4
2043	SB 437-5 BLACK	4-1	2135	MDP 32 WHITE	5-4				2356	HC 1593 GF	6-4
2044	SB 437-5 WHITE	4-1	2136	MDP 32 WHITE	5-4				2358	HC 1687 BLACK	6-4
2047	K 437-187	4-5	2137	UB-1000	4-7				2359	HC 1687 WHITE	6-4
2049	SB 500-5 BLACK	4-1	2140	SB 1000-12 BLACK	4-2				2360	HC 1687 GF	6-4
2050	SB 500-5 WHITE	4-1	2141	SB 1000-12 WHITE	4-2				2362	HC 1875 BLACK	6-4
2053	SB 500-6 BLACK	4-1	2142	MSB 16-12	4-3				2363	HC 1875 WHITE	6-4
2054	SB 500-6 WHITE	4-1	2144	MSB 20-16	4-3				2364	HC 1875 GF	6-4
2055	UB-500	4-7	2146	MSB 25-19	4-3				2366	HC 2.125 BLACK	6-4
2057	K 500-250	4-5	2148	MSB 32-26	4-3				2367	HC 2.125 WHITE	6-4
2058	SB 500-4 BLACK	4-1	2153	UB-1187	4-7				2368	HC 2.125 GF	6-4
2059	SB 500-4 WHITE	4-1	2155	UB-1250	4-7				2374	HC 1930 GF BLACK	6-4
2060	SB 562-5 BLACK	4-1	2157	UB-1093	4-7				2377	HC 2.25 GF BLACK	6-4
2061	SB 562-5 WHITE	4-1	2158	SUB 1093	4-7				2380	HC 2.75 GF BLACK	6-4
2063	SB 562-6 BLACK	4-1	2160	SB 1093-13 BLACK	4-2				2383	HC 3.5 GF BLACK	6-4
2064	SB 562-6 WHITE	4-1	2161	SB 1093-13 WHITE	4-2				2386	HC 4.0 GF BLACK	6-4
2066	SB 562-7 BLACK	4-1	2163	SB 1093-14 BLACK	4-2				2388	LHC-344	6-3
2067	SB 562-7 WHITE	4-1	2164	SB 1093-14 WHITE	4-2				2391	LHC-531	6-3
2070	SB 625-7 BLACK	4-1	2166	SB 1093-15 BLACK	4-2				2393	LHC-672	6-3
2071	SB 625-7 WHITE	4-1	2167	SB 1093-15 WHITE	4-2						
			2182	SB 1187-15 BLACK	4-2						

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
2399	LABKIT #9 HC	6-24	2494	DD-562-530 BLACK	3-23	2604	DP-250 WHITE	5-1	2723	DP-1093 BLACK	5-1
2400	SB 2000-26 BLACK	4-2			5-14	2606	HFP-250	5-3	2724	DP-1093 WHITE	5-1
2401	SB 2000-26 WHITE	4-2	2495	DD-562-530 WHITE	5-14	2610	G-312 BLACK	5-9	2726	VP-1093 BLACK	5-7
2403	DP-2.093 BLACK	5-1	2497	DD-625-550 BLACK	3-23	2611	G-312 WHITE	5-9	2727	VP-1093 WHITE	5-7
2404	DP-2.093 WHITE	5-1			5-14	2613	DP-312 BLACK	5-1	2729	HFP-1093	5-3
2406	SB 2000-28 BLACK	4-2	2498	DD-625-550 WHITE	5-14	2614	DP-312 WHITE	5-1	2730	G-1187 BLACK	5-9
2407	SB 3.375-45 BLACK	4-2	2503	DD-750-625 BLACK	3-23	2616	HFP-312	5-3	2731	G-1187 WHITE	5-9
2408	SB 3.375-45 WHITE	4-2			5-14	2617	DP-375 BLACK	5-1	2733	DP-1187 BLACK	5-1
2409	SB 5.000-70 BLACK	4-2	2504	DD-750-625 WHITE	5-14	2618	DP-375 WHITE	5-1	2734	DP-1187 WHITE	5-1
2410	SB 5.000-70 WHITE	4-2	2509	DD-875-770 BLACK	3-23	2620	G-375 BLACK	5-9	2736	VP-1187 BLACK	5-7
2411	DP-2.25 BLACK	5-1			5-14	2621	G-375 WHITE	5-9	2737	VP-1187 WHITE	5-7
2412	DP-2.25 WHITE	5-1	2510	DD-875-770 WHITE	5-14	2623	HFP-375	5-3	2740	DP-1250 BLACK	5-1
2415	SB 2.093-29 BLACK	4-2	2514	S50	4-12	2630	G-437 BLACK	5-9	2741	DP-1250 WHITE	5-1
2416	SB 2.093-29 WHITE	4-2	2517	FSR 1221-031	4-22	2631	G-437 WHITE	5-9	2743	VP-1250 BLACK	5-7
2417	SB 2.250-29 BLACK	4-2	2520	FSR 1415-039	4-22	2633	DP-437 BLACK	5-1	2744	VP-1250 WHITE	5-7
2418	SB 2.250-29 WHITE	4-2	2521	FSR 1415-079	4-22	2634	DP-437 WHITE	5-1	2749	HFP-1250	5-3
2420	SB 2.500-31 BLACK	4-2	2522	FSR 1616-031	4-22	2636	HFP-437	5-3	2753	DP-1375 BLACK	5-1
2421	SB 2.500-31 WHITE	4-2	2523	FSR 1616-071	4-22	2637	VP-500 BLACK	5-7	2754	DP-1375 WHITE	5-1
2426	VPT-750 BLACK	5-8	2527	FSR 1623-071	4-22	2638	VP-500 WHITE	5-7	2756	VP-1375 BLACK	5-7
2427	VPT-750 WHITE	5-8	2528	FSR 1623-110	4-22	2640	G-500 BLACK	5-9	2757	VP-1375 WHITE	5-7
2428	GPT-1500 BLACK	5-10	2530	FSR 1631-079	4-22	2641	G-500 WHITE	5-9	2759	HFP-1375	5-3
2429	GPT-1500 WHITE	5-10	2532	FSR 1635-039	4-22	2643	DP-500 BLACK	5-1	2760	G-1375 BLACK	5-9
2430	GPT-500 BLACK	5-10	2533	FSR 1635-079	4-22	2644	DP-500 WHITE	5-1	2761	G-1375 WHITE	5-9
2431	GPT-500 WHITE	5-10	2538	FSS 2055-039	4-21	2646	HFP-500	5-3	2763	DP-1500 BLACK	5-1
2432	GPT-1375 BLACK	5-10	2540	S87	4-12	2650	G-562 BLACK	5-9	2764	DP-1500 WHITE	5-1
2433	GPT-1375 WHITE	5-10	2543	FSD 3019-031	4-21	2651	G-562 WHITE	5-9	2766	VP-1500 BLACK	5-7
2436	GPT-1750 BLACK	5-10	2544	FSD 3023-197	4-21	2653	DP-562 BLACK	5-1	2767	VP-1500 WHITE	5-7
2437	GPT-1750 WHITE	5-10	2545	FSD 3039-031	4-21	2654	DP-562 WHITE	5-1	2769	HFP-1500	5-3
2438	GPT-2000 BLACK	5-10	2547	FSD 3147-031	4-21	2657	VP-625 BLACK	5-7	2770	G-1500 BLACK	5-9
2439	GPT-2000 WHITE	5-10	2549	FSD 3159-031	4-21	2658	VP-625 WHITE	5-7	2771	G-1500 WHITE	5-9
2451	DP-5.0 BLACK	5-1	2551	FSD 3170-031	4-21	2660	G-625 BLACK	5-9	2773	DP-1750 BLACK	5-1
2452	DP-5.0 WHITE	5-1	2552	S875-562	4-12	2661	G-625 WHITE	5-9	2774	DP-1750 WHITE	5-1
2453	DP-6.0 BLACK	5-1	2557	LP 875 BLACK	5-16	2663	DP-625 BLACK	5-1	2776	VP-1750 BLACK	5-7
2454	DP-6.0 WHITE	5-1	2558	LP 875 WHITE	5-16	2664	DP-625 WHITE	5-1	2777	VP-1750 WHITE	5-7
2455	DP-3.0 BLACK	5-1	2559	LP 1000 BLACK	5-16	2666	HFP-625	5-3	2779	HFP-1750	5-3
2456	DP-3.0 WHITE	5-1	2560	LP 1000 WHITE	5-16	2673	DP-687 BLACK	5-1	2780	G-1750 BLACK	5-9
2458	VP-3.0 BLACK	5-7	2561	LP 1093 BLACK	5-16	2674	DP-687 WHITE	5-1	2781	G-1750 WHITE	5-9
2459	VP-3.0 WHITE	5-7	2562	LP 1093 WHITE	5-16	2677	VP-750 BLACK	5-7	2783	DP-2000 BLACK	5-1
2461	SB 3.000-39 BLACK	4-2	2567	LP 1375 BLACK	5-16	2678	VP-750 WHITE	5-7	2784	DP-2000 WHITE	5-1
2462	SB 3.000-39 WHITE	4-2	2568	LP 1375 WHITE	5-16	2680	G-750 BLACK	5-9	2786	VP-2000 BLACK	5-7
2464	DP-3.5 BLACK	5-1	2569	LP 1500 BLACK	5-16	2681	G-750 WHITE	5-9	2787	VP-2000 WHITE	5-7
2465	DP-3.5 WHITE	5-1	2570	LP 1500 WHITE	5-16	2683	DP-750 BLACK	5-1	2789	HFP-2000	5-3
2467	VP-3.5 BLACK	5-7	2576	DR 122-118	6-19	2684	DP-750 WHITE	5-1	2790	DP-2.5 BLACK	5-1
2468	VP-3.5 WHITE	5-7	2578	DR 161-079	6-19	2686	HFP-750	5-3	2791	DP-2.5 WHITE	5-1
2470	SB 3.500-47 BLACK	4-2	2580	DR 201-079	6-19	2693	DP-812 BLACK	5-1	2793	VP-2.5 BLACK	5-7
2471	SB 3.500-47 WHITE	4-2	2582	DR 201-118	6-19	2694	DP-812 WHITE	5-1	2794	VP-2.5 WHITE	5-7
2473	DP-4.0 BLACK	5-1	2584	DR 201-157	6-19	2697	VP-875 BLACK	5-7	2795	G-2000 BLACK	5-9
2474	DP-4.0 WHITE	5-1	2586	DR 201-197	6-19	2698	VP-875 WHITE	5-7	2796	G-2000 WHITE	5-9
2476	VP-4.0 BLACK	5-7	2588	DR 201-236	6-19	2700	G-875 BLACK	5-9	2797	SVP-1250 BLACK	5-7
2477	VP-4.0 WHITE	5-7	2590	DP-187 BLACK	5-1	2701	G-875 WHITE	5-9	2798	POP-2000 BLACK	5-6
2479	SB 4.000-55 BLACK	4-2			5-9	2703	DP-875 BLACK	5-1	2799	POP-2000 WHITE	5-6
2480	SB 4.000-55 WHITE	4-2	2591	DP-187 WHITE	5-1	2704	DP-875 WHITE	5-1	2800	B 187-125 BLACK	4-6
2482	DP-3.375 BLACK	5-1			5-9	2706	HFP-875	5-3	2801	B 187-125 WHITE	4-6
2483	DP-3.375 WHITE	5-1	2593	HFP-187	5-3	2707	VP-1000 BLACK	5-7	2803	B 375-250 BLACK	4-6
2484	SB 6.000-86 BLACK	4-2	2594	LP 2000 BLACK	5-16	2708	VP-1000 WHITE	5-7	2804	B 375-250 WHITE	4-6
2485	SB 6.000-86 WHITE	4-2	2595	LP 2000 WHITE	5-16	2710	G-1000 BLACK	5-9	2806	B 406-281 BLACK	4-6
2488	DD-437-390 BLACK	3-23	2596	LP 2.5 BLACK	5-16	2711	G-1000 WHITE	5-9	2807	B 406-281 WHITE	4-6
		5-14	2597	LP 2.5 WHITE	5-16	2713	DP-1000 BLACK	5-1	2810	B 312-250 BLACK	4-6
2489	DD-437-390 WHITE	5-14	2598	LP 3.0 BLACK	5-16	2714	DP-1000 WHITE	5-1	2811	B 312-250 WHITE	4-6
2491	DD-500-445 BLACK	3-23	2599	LP 3.0 WHITE	5-16	2716	HFP-1000	5-3	2813	B 437-312 BLACK	4-6
		5-14	2600	G-250 BLACK	5-9	2720	G-1093 BLACK	5-9	2814	B 437-312 WHITE	4-6
2492	DD-500-445 WHITE	5-14	2601	G-250 WHITE	5-9	2721	G-1093 WHITE	5-9	2817	B 468-343 BLACK	4-6
			2603	DP-250 BLACK	5-1						

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
2818	B 468-343 WHITE	4-6	2949	83-0	7-23	3068	POP-562 BLACK	5-6	3155	VPT-1000 WHITE	5-8
2820	B 500-375 BLACK	4-6	2952	84-Y	7-23	3069	POP-562 WHITE	5-6	3156	VPT-1500 BLACK	5-8
2821	B 500-375 WHITE	4-6	2955	86-R	7-23	3071	POP-625 BLACK	5-6	3157	VPT-1500 WHITE	5-8
2824	B 531-406 BLACK	4-6	2966	POP-DB9	5-18	3072	POP-625 WHITE	5-6	3158	VPT-2000 BLACK	5-8
2825	B 531-406 WHITE	4-6	2968	POP-DB15	5-18	3074	POP-687 BLACK	5-6	3159	VPT-2000 WHITE	5-8
2827	B 625-500 BLACK	4-6	2970	POP-DB25	5-18	3075	POP-687 WHITE	5-6	3160	VPT-1187 BLACK	5-8
2828	B 625-500 WHITE	4-6	2972	POP-DB37	5-18	3077	POP-750 BLACK	5-6	3161	VPT-1187 WHITE	5-8
2830	SB 625-500 BLACK	4-1	2986	1622N	7-20	3078	POP-750 WHITE	5-6	3165	NLN PG 7 BLACK	1-12 2-21
2831	SB 625-500 WHITE	4-1	2988	1422DN	7-20	3080	POP-812 BLACK	5-6	3166	NLN PG 7 GRAY	1-12 2-21
2833	B 593-468 BLACK	4-6	2990	1422N	7-20	3081	POP-812 WHITE	5-6	3167	NLN PG 9 BLACK	1-12 2-21
2834	B 593-468 WHITE	4-6	2992	1022N	7-20	3083	POP-875 BLACK	5-6	3168	NLN PG 9 GRAY	1-12 2-21
2836	B 750-625 BLACK	4-6	2994	1020N	7-20	3084	POP-875 WHITE	5-6	3169	NLN PG 11 BLACK	1-12 2-21
2837	B 750-625 WHITE	4-6	2997	LABKIT #3 PLUGS	5-19	3086	POP-1000 BLACK	5-6	3170	NLN PG 11 GRAY	1-12 2-21
2838	B 1093-969 BLACK	4-6	2999	LABKIT #2 SB	4-23	3087	POP-1000 WHITE	5-6	3171	NLN PG 13.5 BLACK	1-12 2-21
2839	B 1093-969 WHITE	4-6	3001	UBT-500	4-8	3089	POP-1093 BLACK	5-6	3172	NLN PG 13.5 GRAY	1-12 2-21
2840	SB 750-625 BLACK	4-1	3002	UBT-1093	4-8	3090	POP-1093 WHITE	5-6	3173	NLN PG 16 BLACK	1-12 2-21
2841	SB 750-625 WHITE	4-1	3003	UBT-1375	4-8	3092	POP-1187 BLACK	5-6	3174	NLN PG 16 GRAY	1-12 2-21
2844	B 781-625 BLACK	4-6	3004	DPT-500 BLACK	5-2	3093	POP-1187 WHITE	5-6	3175	NLN PG 21 BLACK	1-12 2-21
2845	B 781-625 WHITE	4-6	3005	DPT-500 WHITE	5-2	3095	POP-1250 BLACK	5-6	3176	NLN PG 21 GRAY	1-12 2-21
2847	B 1000-875 BLACK	4-6	3006	DPT-625 BLACK	5-2	3096	POP-1250 WHITE	5-6	3177	NLN PG 29 BLACK	1-12 2-21
2848	B 1000-875 WHITE	4-6	3007	DPT-625 WHITE	5-2	3098	POP-1375 BLACK	5-6	3178	NLN PG 29 GRAY	1-12 2-21
2850	B 875-750 BLACK	4-6	3008	DPT-750 BLACK	5-2	3099	POP-1375 WHITE	5-6	3200	LLTF 1/2 BLACK	2-1
2851	B 875-750 WHITE	4-6	3009	DPT-750 WHITE	5-2	3100	DPT-1187 BLACK	5-2	3201	LLTF 1/2 GRAY	2-1
2853	B 281-218 BLACK	4-6	3010	VPT-500 BLACK	5-8	3101	DPT-1187 WHITE	5-2	3207	LTF 7 BLACK	2-2
2854	B 281-218 WHITE	4-6	3011	VPT-500 WHITE	5-8	3102	DPT-1250 BLACK	5-2	3208	LTF 7 GRAY	2-2
2856	B 343-218 BLACK	4-6	3012	EMPTY LABKIT BOXES	7-23	3103	DPT-1250 WHITE	5-2	3210	LTF 9 BLACK	2-2
2857	B 343-218 WHITE	4-6	3013	VPT-625 BLACK	5-8	3104	SBT-875-11	4-4	3211	LTF 9 GRAY	2-2
2858	SUB 500	4-7	3014	VPT-625 WHITE	5-8	3106	DPT-1375 BLACK	5-2	3213	LTF 11 BLACK	2-2
2859	B 218-125 BLACK	4-6	3018	DPT-1093 BLACK	5-2	3107	DPT-1375 WHITE	5-2	3214	LTF 11 GRAY	2-2
2860	B 218-125 WHITE	4-6	3019	DPT-1093 WHITE	5-2	3108	SBT-1000-12	4-4	3216	LTF 13.5 BLACK	2-2
2861	SUB 625	4-7	3027	DPT-1750 BLACK	5-2	3110	SBT-1375-16	4-4	3217	LTF 13.5 GRAY	2-2
2862	SUB 750	4-7	3028	DPT-1750 WHITE	5-2	3112	SBT-1500-21	4-4	3219	LTF 16 BLACK	2-2
2863	SUB 875	4-7	3029	551 3/8	3-28	3114	SBT-1750-22	4-4	3220	LTF 16 GRAY	2-2
2864	SUB 1000	4-7	3030	561 3/8	3-27	3116	SBT-2000-26	4-4	3222	LTF 21 BLACK	2-2
2865	OCB-375	4-10	3031	563 1/2	3-27	3118	UBT-625	4-8	3223	LTF 21 GRAY	2-2
2867	OCB-437	4-10	3032	VPT-1093 BLACK	5-8	3119	UBT-750	4-8	3225	LTF 29 BLACK	2-2
2869	OCB-562	4-10	3033	VPT-1093 WHITE	5-8	3120	UBT-875	4-8	3226	LTF 29 GRAY	2-2
2871	OCB-500	4-10	3034	VPT-1250 BLACK	5-8	3121	UBT-1000	4-8	3228	LTF 3/8 BLACK	2-1
2872	OCB-625	4-10	3035	VPT-1250 WHITE	5-8	3122	UBT-1500	4-8	3229	LTF 3/8 GRAY	2-1
2873	OCB-750	4-10	3036	VPT-1375 BLACK	5-8	3124	POP-1500 BLACK	5-6	3231	LTF 1/2 BLACK	2-1
2874	OCB-875	4-10	3037	VPT-1375 WHITE	5-8	3125	POP-1500 WHITE	5-6	3232	LTF 1/2 GRAY	2-1
2878	OCB-1000	4-10	3038	VPT-1750 BLACK	5-8	3126	SBT-500-6	4-4	3234	LTF 3/4 BLACK	2-1
2879	OCB-1093	4-10	3039	VPT-1750 WHITE	5-8	3128	SBT-1093-15	4-4	3235	LTF 3/4 GRAY	2-1
2881	OCB-1250	4-10	3043	751 3/8	3-27	3130	SBT-1187-15	4-4	3237	FLEX LTF 7 BLACK	2-5
2882	OCB-1375	4-10	3044	DPT-875 BLACK	5-2	3132	SBT-1250-16	4-4	3238	FLEX LTF 7 GRAY	2-5
2883	OCB-1500	4-10	3045	DPT-875 WHITE	5-2	3134	GPT-625 BLACK	5-10	3239	FLEX LTF 3/4 BLACK	2-4
2901	LABKIT #10 WC	7-23	3046	DPT-1000 BLACK	5-2	3135	GPT-625 WHITE	5-10	3240	FLEX LTF 9 BLACK	2-5
2922	OEM WC 71	7-19	3047	DPT-1000 WHITE	5-2	3136	GPT-750 BLACK	5-10	3241	FLEX LTF 9 GRAY	2-5
2923	HT WC 71	7-19	3048	DPT-1500 BLACK	5-2	3137	GPT-750 WHITE	5-10	3242	FLEX LTF 3/4 GRAY	2-4
2924	OEM WC 72	7-19	3049	DPT-1500 WHITE	5-2	3138	GPT-875 BLACK	5-10	3243	FLEX LTF 11 BLACK	2-5
2925	HT WC 72	7-19	3050	DPT-2000 BLACK	5-2	3139	GPT-875 WHITE	5-10			
2926	OEM WC 73	7-19	3051	DPT-2000 WHITE	5-2	3140	GPT-1000 BLACK	5-10			
2927	HT WC 73	7-19	3053	POP-250 BLACK	5-6	3141	GPT-1000 WHITE	5-10			
2928	OEM WC 59	7-19	3054	POP-250 WHITE	5-6	3142	GPT-1093 BLACK	5-10			
2929	HT WC 59	7-19	3056	POP-312 BLACK	5-6	3143	GPT-1093 WHITE	5-10			
2930	WIRE NUT WRENCH	7-23	3057	POP-312 WHITE	5-6	3144	GPT-1187 BLACK	5-10			
2931	WIRE NUT SOCKET 71, 72	7-23	3059	POP-375 BLACK	5-6	3145	GPT-1187 WHITE	5-10			
2932	WIRE NUT SOCKET 73	7-23	3060	POP-375 WHITE	5-6	3149	IPW 1 BLACK	5-4			
2933	WIRE NUT SOCKET 59	7-23	3062	POP-437 BLACK	5-6	3150	IPW 1 WHITE	5-4			
2937	81-G	7-23	3063	POP-437 WHITE	5-6	3152	VPT-875 BLACK	5-8			
2940	82-B	7-23	3065	POP-500 BLACK	5-6	3153	VPT-875 WHITE	5-8			
			3066	POP-500 WHITE	5-6	3154	VPT-1000 BLACK	5-8			

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
3244	FLEX LTF 11 GRAY	2-5	3356	CCL 3/8 BLACK	6-1	3420	BT 4 PE NATURAL	6-18	3525	NT-250	6-15
3245	FLEX LTF 21 BLACK	2-5	3357	CCL 7/16 BLACK	6-1	3422	BT 4 PE RED	6-18	3526	NT-250 BLACK	6-15
3246	FLEX LTF 13.5 BLACK	2-5	3358	CCL 1/2 BLACK	6-1	3424	BT 5 PE BLACK	6-18	3530	NT-330	6-15
3247	FLEX LTF 13.5 GRAY	2-5	3362	CCL 125-170 BLACK	6-1	3425	BT 5 PE NATURAL	6-18	3531	NT-330 BLACK	6-15
3248	FLEX LTF 21 GRAY	2-5	3363	CCL 187-170 BLACK	6-1	3427	BT 5 PE RED	6-18	3533	NT-170H	6-15
3249	FLEX LTF 16 BLACK	2-5	3364	CCL 250-170 BLACK	6-1	3429	BT 6 PE BLACK	6-18	3535	NT-340H	6-15
3250	FLEX LTF 16 GRAY	2-5	3365	CCL 312-170 BLACK	6-1	3430	BT 6 PE NATURAL	6-18	3536	NT-340H BLACK	6-15
3251	FLEX LTF 1/2 BLACK	2-4	3366	CCL 375-170 BLACK	6-1	3432	BT 6 PE RED	6-18	3537	NST 120-S	6-16
3252	FLEX LTF 1/2 GRAY	2-4	3367	CCL 437-170 BLACK	6-1	3434	BT 8 PE BLACK	6-18	3538	NST 170-S	6-16
3254	FLEX LTF 3/8 BLACK	2-4	3368	CCL 500-170 BLACK	6-1	3435	BT 8 PE NATURAL	6-18	3550	MNT-90	6-15
3255	FLEX LTF 3/8 GRAY	2-4	3372	CCH 1/8 BLACK	6-1	3437	BT 8 PE RED	6-18	3555	MNT-120	6-15
3258	SW 1/4	1-13 2-27	3373	CCH 3/16 BLACK	6-1	3439	BT 10 PE BLACK	6-18	3560	MNT-150	6-15
3259	SW 3/8	1-13 2-27	3374	CCH 1/4 BLACK	6-1	3440	BT 10 PE NATURAL	6-18	3590	MP-2A	6-17
3260	SW 1/2	1-13 2-27	3375	CCH 5/16 BLACK	6-1	3442	BT 10 PE RED	6-18	3593	MP-4A	6-17
3261	SW 3/4	1-13 2-27	3376	CCH 3/8 BLACK	6-1	3444	RLTF 7 BLACK	2-2	3594	MP-4A-S	6-17
3262	SW 1	1-13 2-27	3377	CCH 7/16 BLACK	6-1	3445	RLTF 7 GRAY	2-2	3598	CH RJ-625	6-12
3264	SW 1-1/4	1-13 2-27	3378	CCH 1/2 BLACK	6-1	3446	RLTF 9 BLACK	2-2	3600	CH-R-12	6-13
3266	FLEX LLTF 1/2 BLACK	2-4	3379	CCH 9/16 BLACK	6-1	3447	RLTF 9 GRAY	2-2	3603	CH-RA-12	6-14
3267	FLEX LLTF 1/2 GRAY	2-4	3380	CCH 5/8 BLACK	6-1	3448	RLTF 11 BLACK	2-2	3605	CH-R-18	6-13
3297	LABKIT #78 LTF	2-20	3381	CCH 11/16 BLACK	6-1	3449	RLTF 11 GRAY	2-2	3608	CH-RA-18	6-14
3302	CCL 1/8 NATURAL	6-1	3382	CCH 3/4 BLACK	6-1	3454	RLTF 21 BLACK	2-2	3610	CH-R-27	6-13
3303	CCL 3/16 NATURAL	6-1	3383	CCH 13/16 BLACK	6-1	3455	RLTF 21 GRAY	2-2	3613	CH-RA-27	6-14
3304	CCL 1/4 NATURAL	6-1	3384	CCH 7/8 BLACK	6-1	3458	RLTF 3/8 BLACK	2-1	3615	CH-R-35	6-13
3305	CCL 5/16 NATURAL	6-1	3390	CCH 1 BLACK	6-1	3459	RLTF 3/8 GRAY	2-1	3620	CH-L-12	6-13
3306	CCL 3/8 NATURAL	6-1	3392	CCH 1-1/8 BLACK	6-1	3460	RLTF 3/4 BLACK	2-1	3625	CH-L-18	6-13
3307	CCL 7/16 NATURAL	6-1	3393	CCH 1-3/16 BLACK	6-1	3461	RLTF 3/4 GRAY	2-1	3629	WCA-43	6-8
3308	CCL 1/2 NATURAL	6-1	3394	CCH 1-1/4 BLACK	6-1	3462	FLEX RLTF 3/4 BLACK	2-4	3630	CH-L-27	6-13
3312	CCL 125-170 NATURAL	6-1	3396	CCH 1-3/8 BLACK	6-1	3463	FLEX RLTF 3/4 GRAY	2-4	3635	CH-L-35	6-13
3313	CCL 187-170 NATURAL	6-1	3398	CCH 1-1/2 BLACK	6-1	3464	FLEX RLTF 7 BLACK	2-5	3636	WCA-44	6-8
3314	CCL 250-170 NATURAL	6-1	3399	LABKIT #5 CC	6-24	3465	FLEX RLTF 7 GRAY	2-5	3637	WCA-46	6-8
3315	CCL 312-170 NATURAL	6-1	3402	TP PG11	2-18 5-13	3466	FLEX RLTF 9 BLACK	2-5	3638	WCA-4	6-8
3316	CCL 375-170 NATURAL	6-1	3403	TP M12	2-18 5-13	3467	FLEX RLTF 9 GRAY	2-5	3639	WCA-5	6-8
3317	CCL 437-170 NATURAL	6-1	3404	TP M16	2-18 5-13	3468	FLEX RLTF 11 BLACK	2-5	3640	SST 3/16	6-23
3318	CCL 500-170 NATURAL	6-1	3405	TP PG7	2-18 5-13	3469	FLEX RLTF 11 GRAY	2-5	3641	SST 1/4	6-23
3322	CCH 1/8 NATURAL	6-1	3406	TP M20	2-18 5-13	3474	FLEX RLTF 3/8 BLACK	2-4	3642	SST 3/8	6-23
3323	CCH 3/16 NATURAL	6-1	3407	TP PG9	2-18 5-13	3475	FLEX RLTF 3/8 GRAY	2-4	3643	SST 7/16	6-23
3324	CCH 1/4 NATURAL	6-1	3408	TP M25	2-18 5-13	3478	FLEX RLTF 21 BLACK	2-5	3644	SST 1/2	6-23
3325	CCH 5/16 NATURAL	6-1	3409	TP M32	2-18 5-13	3479	FLEX RLTF 21 GRAY	2-5	3645	SST 5/8	6-23
3326	CCH 3/8 NATURAL	6-1	3410	TP M40	2-18 5-13	3490	BT 4 N NATURAL	6-18	3646	SST 3/4	6-23
3327	CCH 7/16 NATURAL	6-1	3411	TP M50	2-18 5-13	3491	BT 5 N NATURAL	6-18	3647	SST 7/8	6-23
3328	CCH 1/2 NATURAL	6-1	3412	TP PG13	2-18 5-13	3492	BT 6 N NATURAL	6-18	3648	SST 1	6-23
3329	CCH 9/16 NATURAL	6-1	3413	TP M63	2-18 5-13	3493	BT 8 N NATURAL	6-18	3652	CH-R-27-90	6-13
3330	CCH 5/8 NATURAL	6-1	3414	TP PG16	2-18 5-13	3494	BT 10 N NATURAL	6-18	3660	CHRS-1	6-14
3331	CCH 11/16 NATURAL	6-1	3415	TP PG36	2-18 5-13	3495	BT 10 N BLACK	6-18	3661	CHRS-2	6-14
3332	CCH 3/4 NATURAL	6-1	3416	TP PG21	2-18 5-13	3498	BT 14 N BLACK	6-18	3662	CHRS-3	6-14
3333	CCH 13/16 NATURAL	6-1	3417	TP PG48	2-18 5-13	3500	NT-70	6-15	3667	CH-R-35-90	6-13
3334	CCH 7/8 NATURAL	6-1	3418	TP PG29	2-18 5-13	3502	NT-70 BLACK	6-15	3670	SSL 3/16	6-23
3340	CCH 1 NATURAL	6-1	3419	BT 4 PE BLACK	6-18	3503	NT-70L	6-15	3671	SSL 1/4	6-23
3342	CCH 1-1/8 NATURAL	6-1				3504	NT-70L BLACK	6-15	3672	SSL 3/8	6-23
3343	CCH 1-3/16 NATURAL	6-1				3506	NT-70E	6-15	3673	SSL 7/16	6-23
3344	CCH 1-1/4 NATURAL	6-1				3507	NT-70E BLACK	6-15	3674	SSL 1/2	6-23
3346	CCH 1-3/8 NATURAL	6-1				3509	BT 4 N BLACK	6-18	3675	SSL 5/8	6-23
3348	CCH 1-1/2 NATURAL	6-1				3510	NT-90	6-15	3676	SSL 3/4	6-23
3352	CCL 1/8 BLACK	6-1				3511	NT-90 BLACK	6-15	3677	SSL 7/8	6-23
3353	CCL 3/16 BLACK	6-1				3513	NT-80	6-15	3678	SSL 1	6-23
3354	CCL 1/4 BLACK	6-1				3515	NT-120	6-15	3697	CH-L-27-90	6-13
3355	CCL 5/16 BLACK	6-1				3516	NT-120 BLACK	6-15	3712	CH-L-35-90	6-13
						3519	BT 5 N BLACK	6-18	3728	SLCC 1125 BLACK	6-2
						3520	NT-150	6-15	3729	SLCC 1125 NATURAL	6-2
						3521	NT-150 BLACK	6-15	3730	PLCC 1125 BLACK	6-2
						3523	BT 6 N BLACK	6-18	3731	PLCC 1125 NATURAL	6-2
						3524	BT 8 N BLACK	6-18	3732	SLCC 1187 BLACK	6-2

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
3733	SLCC 1187 NATURAL	6-2	3868	WCA 1500-6000	6-10	4019	LTB 200-260/PG29	2-10 4-17	4533	PG 9 NIK BRASS CORDGRIP	2-24
3734	PLCC 1187 BLACK	6-2	3873	CCL 1/8 94V-0	6-1	4020	LTB 260-350/PG 36	2-10 4-17	4534	PG 9 NIK BRASS CORDGRIP	2-24
3735	PLCC 1187 NATURAL	6-2	3874	CCL 3/16 94V-0	6-1	4500	M6X1 NIK BRASS CORDGRIP	2-25	4535	PG 9 NIK BRASS CORDGRIP	2-24
3736	SLCC 1250 BLACK	6-2	3875	CCL 1/4 94V-0	6-1	4501	M6X1 NIK BRASS CORDGRIP	2-25	4536	PG 9 NIK BRASS CORDGRIP	2-24
3737	SLCC 1250 NATURAL	6-2	3876	CCL 5/16 94V-0	6-1	4502	M6X1 NIK BRASS CORDGRIP	2-25	4537	PG 11 NIK BRASS CORDGRIP	2-24
3738	PLCC 1250 BLACK	6-2	3877	CCL 3/8 94V-0	6-1	4503	M8X1,25 NIK BRASS CORDGRIP	2-25	4538	PG 11 NIK BRASS CORDGRIP	2-24
3739	PLCC 1250 NATURAL	6-2	3878	CCL 7/16 94V-0	6-1	4504	M8X1,25 NIK BRASS CORDGRIP	2-25	4539	PG 11 NIK BRASS CORDGRIP	2-24
3740	SLCC 1375 BLACK	6-2	3879	CCL 1/2 94V-0	6-1	4505	M10X1,5 NIK BRASS CORDGRIP	2-25	4540	PG 13.5 NIK BRASS CORDGRIP	2-24
3741	SLCC 1375 NATURAL	6-2	3880	PMWC 187-90	6-11	4506	M10X1,5 NIK BRASS CORDGRIP	2-25	4541	PG 13.5 NIK BRASS CORDGRIP	2-24
3742	PLCC 1375 BLACK	6-2	3881	PMWC 250-90	6-11	4507	M12X1,5 NIK BRASS CORDGRIP	2-25	4542	PG 13.5 NIK BRASS CORDGRIP	2-24
3743	PLCC 1375 NATURAL	6-2	3882	PMWC 375-90	6-11	4508	M12X1,5 NIK BRASS CORDGRIP	2-25	4543	PG 16 NIK BRASS CORDGRIP	2-24
3744	SLCC 1500 BLACK	6-2	3883	PMWC 500-90	6-11	4509	M12X1,5 NIK BRASS CORDGRIP	2-25	4544	PG 16 NIK BRASS CORDGRIP	2-24
3745	SLCC 1500 NATURAL	6-2	3884	PMWC 750-90	6-11	4510	M16X1,5 NIK BRASS CORDGRIP	2-25	4545	PG 16 NIK BRASS CORDGRIP	2-24
3746	PLCC 1500 BLACK	6-2	3885	PMWC 1000-90	6-11	4511	M16X1,5 NIK BRASS CORDGRIP	2-25	4546	PG 21 NIK BRASS CORDGRIP	2-24
3747	PLCC 1500 NATURAL	6-2	3888	WCA L 187-125	6-9	4512	M16X1,5 NIK BRASS CORDGRIP	2-25	4547	PG 21 NIK BRASS CORDGRIP	2-24
3753	MP-S-10	6-17	3889	WCA L 250-187	6-9	4513	M16X1,5 NIK BRASS CORDGRIP	2-25	4548	PG 21 NIK BRASS CORDGRIP	2-24
3756	MP-LPM-56	6-17	3893	WCA L 375-250	6-9	4514	M20X1,5 NIK BRASS CORDGRIP	2-25	4549	PG 29 NIK BRASS CORDGRIP	2-24
3757	MP-LPM-68	6-17	3895	WCA L 500-312	6-9	4515	M20X1,5 NIK BRASS CORDGRIP	2-25	4550	PG 29 NIK BRASS CORDGRIP	2-24
3759	MP-S-68	6-17	3896	WCA L 625-375	6-9	4516	M20X1,5 NIK BRASS CORDGRIP	2-25	4551	PG 29 NIK BRASS CORDGRIP	2-24
3762	MP-PM-250	6-17	3897	WCA L 750-500	6-9	4517	M25X1,5 NIK BRASS CORDGRIP	2-25	4552	PG 36 NIK BRASS CORDGRIP	2-24
3772	SR 6P10 CEE	3-20	3898	WCA H 187-250	6-9	4518	M25X1,5 NIK BRASS CORDGRIP	2-25	4553	PG 36 NIK BRASS CORDGRIP	2-24
3776	SR 6P30 CEE	3-20	3899	WCA H 250-375	6-9	4519	M25X1,5 NIK BRASS CORDGRIP	2-25	4554	PG 36 NIK BRASS CORDGRIP	2-24
3788	FWCA 1	6-8	3900	WCA H 375-500	6-9	4520	M32X1,5 NIK BRASS CORDGRIP	2-25	4555	PG 42 NIK BRASS CORDGRIP	2-24
3789	FWCA 20	6-8	3901	WCA H 500-625	6-9	4521	M32X1,5 NIK BRASS CORDGRIP	2-25	4556	PG 42 NIK BRASS CORDGRIP	2-24
3791	T-BAR	3-20	3902	WCA H 625-750	6-9	4522	M32X1,5 NIK BRASS CORDGRIP	2-25	4557	PG 42 NIK BRASS CORDGRIP	2-24
3792	WCUA 250	6-6	3903	WCA H 750-1000	6-9	4523	M40X1,5 NIK BRASS CORDGRIP	2-25	4560	NPT 1/8 NIK BRASS CORDGRIP	2-23
3793	LL-250	6-12	3904	PMT-150	6-16	4524	M40X1,5 NIK BRASS CORDGRIP	2-25	4561	NPT 1/8 NIK BRASS CORDGRIP	2-23
3794	WCCA 500	6-5	3907	PMNS-155	6-16	4525	M40X1,5 NIK BRASS CORDGRIP	2-25	4562	NPT 1/4 NIK BRASS CORDGRIP	2-23
3795	LL-375	6-12	3991	KOST 1/2	5-15	4526	M50X1,5 NIK BRASS CORDGRIP	2-25	4563	NPT 1/4 NIK BRASS CORDGRIP	2-23
3797	LL-500	6-12	3992	KOST 3/4	5-15	4527	M50X1,5 NIK BRASS CORDGRIP	2-25	4564	NPT 1/4 NIK BRASS CORDGRIP	2-23
3799	LL-750	6-12	3993	KOST 1	5-15	4528	M50X1,5 NIK BRASS CORDGRIP	2-25	4565	NPT 3/8 NIK BRASS CORDGRIP	2-23
3821	WCAV 125	6-7	3994	KOST 1-1/4	5-15	4530	PG 7 NIK BRASS CORDGRIP	2-24	4566	NPT 3/8 NIK BRASS CORDGRIP	2-23
3822	WCAV 250	6-7	3995	KOST 1-1/2	5-15	4531	PG 7 NIK BRASS CORDGRIP	2-24	4567	NPT 3/8 NIK BRASS CORDGRIP	2-23
3823	WCAV 500	6-7	3997	KOS 1/2	5-15	4532	PG 7 NIK BRASS CORDGRIP	2-24	4568	NPT 3/8 NIK BRASS CORDGRIP	2-23
3824	WCAV 750	6-7	3998	KOS 3/4	5-15						
3830	KOS-LT .500	2-9, 5-17	3999	KOS1	5-15						
3831	KOS-LT .750	2-9, 5-17	4000	KOS 1-1/4	5-15						
3832	KOS-LT 1.000	2-9, 5-17	4001	KOS 1-1/2	5-15						
3833	KOS-LT 1/2	2-9, 5-17	4002	KOS 2	5-15						
3834	KOS-LT .625	2-9, 5-17	4002	KOS 2	5-15						
3835	KOS-LT 3/4	2-9, 5-17	4007	LTB-30-50/M12	2-10 4-17						
3837	KOS-LT 1	2-9, 5-17	4008	LTB 50-70/M16	2-10 4-17						
3839	WCJA 125-750	6-5	4009	LTB 70-100/M20	2-10 4-17						
3840	WCJA 187-1000	6-5	4010	LTB 100-140/M25	2-10 4-17						
3841	WCJA 250-1125	6-5	4011	LTB 140-200/M32	2-10 4-17						
3842	WCJA 312-1750	6-5	4012	LTB 200-260/M40	2-10 4-17						
3843	WCJA 375-2000	6-5	4013	LTB 260-350/M50	2-10 4-17						
3844	WCJA 500-2250	6-5	4014	LTB 30-50/PG7	2-10 4-17						
3845	PMWC 187-20	6-11	4015	LTB 50-70/PG9	2-10 4-17						
3846	PMWC 250-20	6-11	4016	LTB 70-100/PG11	2-10 4-17						
3847	PMWC 375-20	6-11	4017	LTB 80-140/PG16	2-10 4-17						
3848	PMWC 500-20	6-11	4018	LTB 140-200/PG21	2-10 4-17						
3849	PMWC 750-20	6-11									
3850	NT-170	6-15									
3851	NT-170 BLACK	6-15									
3853	PMWC 1000-20	6-11									
3857	WCA 187-500	6-10									
3858	WCA 250-750	6-10									
3859	WCA 375-1000	6-10									
3860	WCA 500-1250	6-10									
3861	WCA 750-1750	6-10									
3867	WCA 1000-4000	6-10									

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
4569	NPT 1/2 NIK BRASS CORDGRIP	2-23	6127	TL-L5-15-G NICKEL	7-5	8139	#10 RING	7-8	8475	HFC TWIST 1/2 COLLAR BLACK	1-7
4570	NPT 1/2 NIK BRASS CORDGRIP	2-23	6130	TL-L7-15-G BRASS	7-5	8140	SPADE TERMINAL BRASS	7-8	8476	HFC TWIST 3/4 COLLAR BLACK	1-7
4571	NPT 1/2 NIK BRASS CORDGRIP	2-23	6132	TL-L7-20-G BRASS	7-6	8144	#10 FORK	7-8	8482	HFC TWIST 3/8 COLLAR GRAY	1-7
4572	NPT 3/4 NIK BRASS CORDGRIP	2-23	6134	TL-L6-15-G BRASS	7-5	8145	#10 .197 RING	7-8	8483	HFC TWIST 1/2 COLLAR GRAY	1-7
4573	NPT 3/4 NIK BRASS CORDGRIP	2-23	6138	TL-L24-20-G BRASS	7-6	8301	CUSTOM TERMINALS	7-10	8484	HFC TWIST 3/4 COLLAR GRAY	1-7
4574	NPT 3/4 NIK BRASS CORDGRIP	2-23	6150	T2L-15-A	7-5	8340	VF-28 Cutting Tool	1-1	8485	HFC 3/8-S-TWIST BLACK	1-7
4575	NPT 1 NIK BRASS CORDGRIP	2-23	6152	T2L-L5-15-GND	7-5	8382	HFC 1/4-S	1-4	8486	HFC 3/8-S-TWIST GRAY	1-7
4576	NPT 1 NIK BRASS CORDGRIP	2-23	6154	T2L-20-G BRASS	7-6	8384	HFC 3/8-S	1-4	8487	HFC 3/8 NPT-TWIST BLACK	1-8
4577	NPT 1 NIK BRASS CORDGRIP	2-23	6156	T2L-20-G BRASS	7-6	8386	HFC 1/2-S	1-4	8488	HFC 3/8 NPT-TWIST GRAY	1-8
4578	NPT 1-1/4 NIK BRASS CORDGRIP	2-23	6158	T2L-20AG BRASS	7-6	8388	HFC 3/4-S	1-4	8490	HFC 1/2-S-TWIST BLACK	1-7
4579	NPT 1-1/4 NIK BRASS CORDGRIP	2-23	6160	T2L-15A-GRD	7-5	8390	HFC 1-S	1-4	8491	HFC 1/2-S-TWIST GRAY	1-7
4580	NPT 1-1/4 NIK BRASS CORDGRIP	2-23	6162	T2L-20AG	7-6	8398	HFC 1/4-PG-7	1-3	8493	HFC 1/2 NPT-TWIST BLACK	1-8
4581	NPT 1-1/2 NIK BRASS CORDGRIP	2-23	6164	T2L-15A-GRD	7-5	8400	HFC 3/8 BLACK	1-3	8494	HFC 1/2 NPT-TWIST GRAY	1-8
4582	NPT 1-1/2 NIK BRASS CORDGRIP	2-23	6168	T2L-20AG	7-6	8401	HFC 3/8 GRAY	1-3	8495	HFC 3/4-S-TWIST BLACK	1-7
4583	NPT 1-1/2 NIK BRASS CORDGRIP	2-23	7410	MSR-1	3-22	8402	HFC 1/2 BLACK	1-3	8496	HFC 3/4-S-TWIST GRAY	1-7
4584	NPT 2 NIK BRASS CORDGRIP	2-23	7411	MSR-1A	3-22	8403	HFC 1/2 GRAY	1-3	8497	HFC 3/4 NPT-TWIST BLACK	1-8
4585	NPT 2 NIK BRASS CORDGRIP	2-23	7412	MSR-1B	3-22	8404	HFC 3/4 BLACK	1-3	8498	HFC 3/4 NPT-TWIST GRAY	1-8
4586	NPT 2 NIK BRASS CORDGRIP	2-23	7414	MSR-2W	3-22	8405	HFC 3/4 GRAY	1-3	8500	HFC 3/8-S-90-TWIST BLACK	1-9
4700	.187 TERMINAL TABS	7-10	7418	MSR-2S	3-22	8406	HFC 1 BLACK	1-3	8501	HFC 3/8-S-90 TWIST GRAY	1-9
4701	.250 TERMINAL TABS	7-10	7419	MSR-2A	3-22	8407	HFC 1 GRAY	1-3	8502	HFC 3/8-NPT-90-TWIST BLACK	1-10
4710	.187 TERMINAL TABS	7-10	7420	MSR-2	3-22	8412	HFC 1-90R BLACK	1-5	8503	HFC 3/8-NPT-90-TWIST GRAY	1-10
4720	.187 TERMINAL TABS	7-10	7430	MSR-3	3-22	8413	HFC 1-90R GRAY	1-5	8505	HFC 1/2-S-90-TWIST BLACK	1-9
4721	.250 TERMINAL TABS	7-10	7430	MSR-3	3-22	8423	HFC 3/8-90R BLACK	1-5	8506	HFC 1/2-S-90-TWIST GRAY	1-9
4750	.187 TERMINAL TABS	7-10	7430	MSR-3	3-22	8424	HFC 3/8-90R GRAY	1-5	8507	HFC 1/2-NPT-90-TWIST BLACK	1-10
4751	.187 TERMINAL TABS	7-10	7550	TLR-L5-15	7-5	8425	HFC 1/2-90R BLACK	1-5	8508	HFC 1/2-NPT-90-TWIST GRAY	1-10
6070	HD RING	7-9	7551	TLR-L7-15	7-5	8426	HFC 1/2-90R GRAY	1-5	8510	HFC 3/4-S-90-TWIST BLACK	1-9
6071	HD RING	7-9	7552	TLR-L5-20	7-6	8427	HFC 3/4-90R BLACK	1-5	8511	HFC 3/4-S-90-TWIST GRAY	1-9
6072	HD RING	7-9	7562	A-22F	3-21	8428	HFC 3/4-90R GRAY	1-5	8512	HFC 3/4-NPT-90-TWIST BLACK	1-10
6073	HD RING	7-9	7567	A-25F	3-21	8429	HFC 1/2-90R-S	1-5	8513	HFC 3/4-NPT-90-TWIST GRAY	1-10
6080	HD SPADE	7-9	7570	A-28F	3-21	8430	HF1 3/8	1-1	8515	HFC 1/4-S-TWIST BLACK	1-7
6081	HD SPADE	7-9	7572	A-41	3-21	8431	HF1 1/2	1-1	8516	HFC 1/4-S-TWIST GRAY	1-7
6082	HD SPADE	7-9	7592	SRW 500	3-22	8432	HF1 3/4	1-1	8517	HFC 1/4 NPT-TWIST BLACK	1-8
6083	HD SPADE	7-9	7752	2 PIECE L7-15 PREMOLD	7-5	8433	HF1 1	1-1	8518	HFC 1/4 NPT-TWIST GRAY	1-8
6110	TL-L5-15W&B BRASS	7-5	7756	2 PIECE L5-15 PREMOLD	7-5	8434	HF1 1-1/4	1-1	8638	HFC 1-1/4 BLACK	1-3
6111	TL-L5-15W&B TIN	7-5	7758	2 PIECE L5-20 PREMOLD	7-6	8435	HF1 1-1/2	1-1	8639	HFC 1-1/4 GRAY	1-3
6112	TL-L5-15-G BRASS	7-5	7910	.110 DISCONNECT	7-10	8436	HF1 2	1-1	8640	HFC 1-1/2 BLACK	1-3
6113	TL-L5-15-G TIN	7-5	7911	.110 DISCONNECT	7-10	8437	LTF 1 BLACK	2-1	8641	HFC 1-1/2 GRAY	1-3
6114	TL-L5-20-W BRASS	7-6	7920	.250 DISCONNECT	7-9	8438	LTF 1 GRAY	2-1	8642	HFC 2 BLACK	1-3
6115	TL-L5-20-W TIN	7-6	7921	.250 DISCONNECT	7-9	8449	HF2 1/4	1-2	8643	HFC 2 GRAY	1-3
6116	TL-L5-20-B BRASS	7-6	7922	.250 DISCONNECT	7-9	8450	HF2 3/8	1-2	8652	HFC 1-1/4-90R BLACK	1-5
6117	TL-L5-20-B TIN	7-6	7923	.250 DISCONNECT	7-9	8451	HF2 1/2	1-2	8653	HFC 1-1/4-90R GRAY	1-5
6118	TL-L5-20-G BRASS	7-6	7924	.250 DISCONNECT	7-9	8452	HF2 3/4	1-2	8654	HFC 1-1/2-90R BLACK	1-5
6119	TL-L5-20-G TIN	7-6	7925	.250 DISCONNECT	7-9	8453	HF2 1	1-2			
6120	TL-L5-30-W BRASS	7-7	7931	.187 DISCONNECT	7-9	8454	HF2 1-1/4	1-2			
6122	TL-L5-30-B BRASS	7-7	7932	.187 DISCONNECT	7-9	8455	HF2 1-1/2	1-2			
6124	TL-L5-30-G BRASS	7-7	7933	.187 DISCONNECT	7-9	8456	HF 2	1-2			
6126	TL-L5-15W&B NICKEL	7-5	7940	.110 DISCONNECT	7-9	8461	NLN 3/8 NPT BLACK	1-12 2-21			
			7941	.110 DISCONNECT	7-9	8462	NLN 3/8 NPT GRAY	1-12 2-21			
			7942	.110 DISCONNECT	7-9	8463	NLN 1/2 NPT BLACK	1-12 2-21			
			7943	.110 DISCONNECT	7-9	8464	NLN 1/2 NPT GRAY	1-12 2-21			
			7944	.110 DISCONNECT	7-9	8465	NLN 3/4 NPT BLACK	1-12 2-21			
			7945	.250 DISCONNECT	7-10	8466	NLN 3/4 NPT GRAY	1-12 2-21			
			7950	.250 DISCONNECT	7-10	8467	NLN 1 NPT BLACK	1-12 2-21			
			7951	.250 DISCONNECT	7-10	8468	NLN 1 NPT GRAY	1-12 2-21			
			7953	.250 DISCONNECT	7-10	8474	HFC TWIST 3/8 COLLAR BLACK	1-7			
			8100	SPADE TERMINAL BRASS	7-8						
			8110	SPADE TERMINAL BRASS	7-8						
			8120	RING TERMINAL TIN	7-8						
			8121	RING TERMINAL BRASS	7-8						
			8122	RING TERMINAL TIN	7-8						
			8123	RING TERMINAL BRASS	7-8						
			8124	RING TERMINAL TIN	7-8						
			8125	RING TERMINAL BRASS	7-8						
			8131	RING TERMINAL BRASS	7-8						
			8132	RING TERMINAL TIN	7-8						
			8133	RING TERMINAL BRASS	7-8						
			8135	RING TERMINAL BRASS	7-8						

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
8655	HFC 1-1/2-90R GRAY	1-5	9039	PR 122-217 WHITE	6-19	9408	TB 3B-WP-12P NATURAL	7-16	9803	LN 1-1/4 DC	1-11 2-22
8656	HFC 2-90R BLACK	1-5	9046	PR-142-086 BLACK	6-19	9419	TB 0B-WP-2P BROWN	7-16	9804	LN 1-1/2 DC	1-11 2-22
8657	HFC 2-90R GRAY	1-5	9047	PR-142-086 WHITE	6-19	9425	TB 1B-WP-3P BROWN	7-16	9805	LN 2 DC	1-11 2-22
8904	CW 187 PE UV BLACK	6-21	9048	PR-142-106 BLACK	6-19	9426	TB 1B-FRWP-4 BROWN	7-16	9806	LN 1-1/4	1-11 2-22
8905	CW 187 PE NATURAL	6-21	9049	PR-142-106 WHITE	6-19	9428	TB 1B-WP-12P BROWN	7-16	9807	LN 1-1/2	1-11 2-22
8908	CW 250 PE UV BLACK	6-21	9050	PR-142-126 BLACK	6-19	9429	TB 2B-WP-2P BROWN	7-16	9808	LN 2	1-11 2-22
8909	CW 250 PE NATURAL	6-21	9051	PR-142-126 WHITE	6-19	9433	TB 2B-WP-12P BROWN	7-16	9840	SP1 1/2	3-28
8912	CW 375 PE UV BLACK	6-21	9054	PR-142-185 BLACK	6-19	9435	TB 3B-WP-3P BROWN	7-16	OST0	FOOTLOCK 100 A/AT	3-1
8913	CW 375 PE NATURAL	6-21	9055	PR-142-185 WHITE	6-19	9438	TB 3B-WP-12P BROWN	7-16	OST1	HEADLOCK 100	3-1
8916	CW 500 PE UV BLACK	6-21	9058	PR-161-098 BLACK	6-19	9450	ATB-3P FR	7-18	OST3	AUTOLOCK 100	3-1
8917	CW 500 PE NATURAL	6-21	9059	PR-161-098 WHITE	6-19	9451	ATB-3P FR W/GROUND	7-18	OST4	FOOTLOCK 100	3-1
8920	CW 625 PE UV BLACK	6-21	9060	PR-161-138 BLACK	6-19	9452	ATB-4P FR	7-18	OST6	AUTOLOCK 100 A/AT	3-1
8921	CW 625 PE NATURAL	6-21	9061	PR-161-138 WHITE	6-19	9454	ATB-6P FR	7-18	OST7	HEADLOCK 200	3-1
8924	CW 750 UV BLACK	6-21	9062	PR-161-177 BLACK	6-19	9455	ATB-6P FR W/GROUND	7-18	OST8	AUTOLOCK 200	3-1
8925	CW 750 NATURAL	6-21	9063	PR-161-177 WHITE	6-19	9456	JUMPER FOR SCREW TO TAB POLES	7-18	OST9	FOOTLOCK 200	3-1
8928	CW 1000 UV BLACK	6-21	9064	PR-161-217 BLACK	6-19	9457	GROUND FOR SCREW TO TAB TB	7-18	OT02	AIR TOOL BENCH KIT	3-25
8929	CW 1000 NATURAL	6-21	9065	PR-161-217 WHITE	6-19	9460	ERTB-1A	7-13	OT47	UPPER JAW .375 HOLE	3-26
8936	CW 187 N UV BLACK	6-21	9068	PR-161-295 BLACK	6-19	9468	ERTB-2C	7-13	OT48	LOWER JAW .375 HOLE	3-26
8937	CW 187 N NATURAL	6-21	9069	PR-161-295 WHITE	6-19	9469	ERTB-2D	7-13	OT49	UPPER JAW .437-A HOLE	3-26
8940	CW 250 N UV BLACK	6-21	9070	PR-201-059 BLACK	6-19	9760	CG-50A-250 STEEL CORDGRIP	2-26	OT50	LOWER JAW .437-A HOLE	3-26
8941	CW 250 N NATURAL	6-21	9071	PR-201-059 WHITE	6-19	9761	CG-50A-350 STEEL CORDGRIP	2-26	OT51	UPPER JAW .437 HOLE	3-26
8944	CW 375 N UV BLACK	6-21	9072	PR-201-098 BLACK	6-19	9762	CG-50A-450 STEEL CORDGRIP	2-26	OT52	LOWER JAW .437 HOLE	3-26
8945	CW 375 N NATURAL	6-21	9073	PR-201-098 WHITE	6-19	9763	CG-50A-560 STEEL CORDGRIP	2-26	OT53	UPPER JAW .500-A HOLE	3-26
8948	CW 500 N UV BLACK	6-21	9074	PR-201-138 BLACK	6-19	9764	CG-50A-650 STEEL CORDGRIP	2-26	OT54	LOWER JAW .500-A HOLE	3-26
8949	CW 500 N NATURAL	6-21	9075	PR-201-138 WHITE	6-19	9766	CG-75A-250 STEEL CORDGRIP	2-26	OT55	UPPER JAW .500 HOLE	3-26
8952	CW 625 N UV BLACK	6-21	9076	PR-201-177 BLACK	6-19	9767	CG-75A-350 STEEL CORDGRIP	2-26	OT56	LOWER JAW .500 HOLE	3-26
8953	CW 625 N NATURAL	6-21	9077	PR-201-177 WHITE	6-19	9769	CG-75A-450 STEEL CORDGRIP	2-26	OT59	UPPER JAW .562 HOLE	3-26
8956	CW 750 N UV BLACK	6-21	9078	PR-201-217 BLACK	6-19	9770	CG-75A-560 STEEL CORDGRIP	2-26	OT60	LOWER JAW .562 HOLE	3-26
8957	CW 750 N NATURAL	6-21	9079	PR-201-217 WHITE	6-19	9771	CG-75A-650 STEEL CORDGRIP	2-26	OT61	UPPER JAW .625 HOLE	3-26
8960	CW 1000 N UV BLACK	6-21	9080	PR-201-256 BLACK	6-19	9772	CG-75B-750 STEEL CORDGRIP	2-26	OT62	LOWER JAW .625 HOLE	3-26
8961	CW 1000 N NATURAL	6-21	9081	PR-201-256 WHITE	6-19	9773	CG-75B-850 STEEL CORDGRIP	2-26	OT63	UPPER JAW .750-A HOLE	3-26
8980	BS 125	6-22	9082	PR-201-295 BLACK	6-19	9776	CG11 1/2 NPT ZINC DIE CAST CORDGRIP	2-26	OT64	LOWER JAW .750-A HOLE	3-26
8983	BS 125 FR	6-22	9083	PR-201-295 WHITE	6-19	9777	CG12 1/2 NPT ZINC DIE CAST CORDGRIP	2-26	OT65	UPPER JAW .750 HOLE	3-26
8985	BS 250	6-22	9299	PA 197 FIXING PIN	7-16	9778	CG13 1/2 NPT ZINC DIE CAST CORDGRIP	2-26	OT66	LOWER JAW .750 HOLE	3-26
8988	BS 250 FR	6-22	9329	TB 0B-2P NATURAL	7-15	9779	CG21 3/4 NPT ZINC DIE CAST CORDGRIP	2-26	OT67	UPPER JAW .875 HOLE	3-26
8990	BS 500	6-22	9330	TB 0B-3P NATURAL	7-15	9780	CG22 3/4 NPT ZINC DIE CAST CORDGRIP	2-26	OT68	LOWER JAW .875 HOLE	3-26
8993	BS 500 FR	6-22	9333	TB 0B-12P NATURAL	7-15	9781	CG23 3/4 NPT ZINC DIE CAST CORDGRIP	2-26	OT69	UPPER JAW .375X.625 HOLE	3-26
8995	BS 750	6-22	9334	TB 1B-2P NATURAL	7-15	9794	HFC-Z 1/2	1-6	OT70	LOWER JAW .375X.625 HOLE	3-26
8998	BS 750 FR	6-22	9335	TB 1B-3P NATURAL	7-15	9795	HFC-Z 3/4	1-6			
9000	BS 1250	6-22	9338	TB 1B-12P NATURAL	7-15	9796	HFC-Z 1/2-90	1-6			
9003	BS 1250 FR	6-22	9339	TB 2B-2P NATURAL	7-15	9797	HFC-Z 3/4-90	1-6			
9005	BS 1750	6-22	9340	TB 2B-3P NATURAL	7-15	9800	LN 1/2 DC	1-11 2-22			
9008	BS 1750 FR	6-22	9343	TB 2B-12P NATURAL	7-15	9801	LN 3/4 DC	1-11 2-22			
9010	BS 2.0	6-22	9345	TB 3B-3P NATURAL	7-15	9802	LN 1 DC	1-11 2-22			
9013	BS 2.0 FR	6-22	9348	TB 3B-12P NATURAL	7-15						
9020	PR 106-039 BLACK	6-19	9363	TB 0B-12P BROWN	7-15						
9021	PR 106-039 WHITE	6-19	9364	TB 1B-2P BROWN	7-15						
9022	PR 106-082 BLACK	6-19	9365	TB 1B-3P BROWN	7-15						
9023	PR 106-082 WHITE	6-19	9368	TB 1B-12P BROWN	7-15						
9024	PR 106-106 BLACK	6-19	9373	TB 2B-12P BROWN	7-15						
9025	PR 106-106 WHITE	6-19	9378	TB 3B-12P BROWN	7-15						
9026	PR 106-134 BLACK	6-19	9389	TB 0B-WP-2P NATURAL	7-16						
9027	PR 106-134 WHITE	6-19	9390	TB 0B-WP-3P NATURAL	7-16						
9028	PR 122-039 BLACK	6-19	9393	TB 0B-WP-12PNATURAL	7-16						
9029	PR 122-039 WHITE	6-19	9394	TB 1B-WP-2P NATURAL	7-16						
9030	PR 122-079 BLACK	6-19	9395	TB 1B-WP-3P NATURAL	7-16						
9031	PR 122-079 WHITE	6-19	9398	TB 1B-WP-12P NATURAL	7-16						
9032	PR 122-118 BLACK	6-19	9399	TB 2B-WP-2P NATURAL	7-16						
9033	PR 122-118 WHITE	6-19	9400	TB 2B-WP-3P NATURAL	7-16						
9034	PR 122-157 BLACK	6-19	9403	TB 2B-WP-12P NATURAL	7-16						
9035	PR 122-157 WHITE	6-19	9404	TB 3B-WP-2P NATURAL	7-16						
9038	PR 122-217 BLACK	6-19	9405	TB 3B-WP-3P NATURAL	7-16						

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
0T71	UPPER JAW .875-A HOLE	3-26	F8526	FPA 54-150 BLACK	1-17	F8626	FPA 54-150-90 BLACK	1-21	F8902	FCL 13 BLACK	1-24
0T72	LOWER JAW .875-A HOLE	3-26	F8527	FPA 54-150 GRAY	1-17	F8627	FPA 54-150-90 GRAY	1-21	F8903	FCL 13 GRAY	1-24
0T73	UPPER JAW .560X.730 HOLE	3-26	F8528	FPA 54-200 BLACK	1-17	F8628	FPA 54-200-90 BLACK	1-21	F8904	FCL 16 BLACK	1-24
0T74	LOWER JAW .560X.730 HOLE	3-26	F8529	FPA 54-200 GRAY	1-17	F8629	FPA 54-200-90 GRAY	1-21	F8905	FCL 16 GRAY	1-24
0T75	UPPER JAW .750X.875 HOLE	3-26	F8530	FPA 67-200 BLACK	1-17	F8630	FPA 67-200-90 BLACK	1-21	F8906	FCL 21 BLACK	1-24
0T76	LOWER JAW .750X.875 HOLE	3-26	F8531	FPA 67-200 GRAY	1-17	F8631	FPA 67-200-90 GRAY	1-21	F8907	FCL 21 GRAY	1-24
1634A	HF5 1/8	1-28	F8540	FPA 10-PG7 BLACK	1-18	F8640	FPA 10-PG7-90 BLACK	1-22	F8908	FCL 28 BLACK	1-24
1635A	HF5 1/4	1-28	F8541	FPA 10-PG7 GRAY	1-18	F8641	FPA 10-PG7-90 GRAY	1-22	F8909	FCL 28 GRAY	1-24
1636A	HF5 11/32	1-28	F8542	FPA 13-PG9 BLACK	1-18	F8642	FPA 13-PG9-90 BLACK	1-22	F8910	FCL 34 BLACK	1-24
1637A	HF5 3/8	1-28	F8543	FPA 13-PG9 GRAY	1-18	F8643	FPA 13-PG9-90 GRAY	1-22	F8911	FCL 34 GRAY	1-24
1638A	HF5 7/16	1-28	F8544	FPA 16-PG11 BLACK	1-18	F8646	FPA 16-PG11-90 BLACK	1-22	F8912	FCL 42 BLACK	1-24
1639A	HF5 1/2	1-28	F8547	FPA 16-PG11 GRAY	1-18	F8647	FPA 16-PG11-90 GRAY	1-22	F8913	FCL 42 GRAY	1-24
1641A	HF5 5/8	1-28	F8548	FPA 16-PG13 BLACK	1-18	F8648	FPA 16-PG13-90 BLACK	1-22	F8914	FCL 54 BLACK	1-24
1642A	HF5 3/4	1-28	F8549	FPA 16-PG13 GRAY	1-18	F8649	FPA 16-PG13-90 GRAY	1-22	F8915	FCL 54 GRAY	1-24
1643A	HF5 1	1-28	F8550	FPA 21-PG13 BLACK	1-18	F8650	FPA 21-PG13-90 BLACK	1-22	G1004	RG 250-4-2	4-13
1644A	HF5 1-1/16	1-28	F8551	FPA 21-PG13 GRAY	1-18	F8651	FPA 21-PG13-90 GRAY	1-22	G1005	RG 250-5-2	4-13
1646A	HF5 1-1/4	1-28	F8552	FPA 21-PG16 BLACK	1-18	F8652	FPA 21-PG16-90 BLACK	1-22	G1006	RG 250-5-2A	4-13
1649A	HF5 1-1/2	1-28	F8553	FPA 21-PG16 GRAY	1-18	F8653	FPA 21-PG16-90 GRAY	1-22	G1010	RG 281-6-3	4-13
2055SP	OCUB-500	4-9	F8556	FPA 28-PG21 BLACK	1-18	F8656	FPA 28-PG21-90 BLACK	1-22	G1014	RG 312-6-3	4-13
2077SP	OCUB-625	4-9	F8557	FPA 28-PG21 GRAY	1-18	F8657	FPA 28-PG21-90 GRAY	1-22	G1017	RG 312-6-2	4-13
2089SP	OCUB-750	4-9	F8560	FPA 34-PG29 BLACK	1-18	F8660	FPA 34-PG29-90 BLACK	1-22	G1018	RG 312-6-2A	4-13
2119SP	OCUB-875	4-9	F8561	FPA 34-PG29 GRAY	1-18	F8661	FPA 34-PG29-90 GRAY	1-22	G1019	RG 312-6-2B	4-13
2137SP	OCUB-1000	4-9	F8562	FPA 42-PG36 BLACK	1-18	F8662	FPA 42-PG36-90 BLACK	1-22	G1020	RG 312-6-4	4-13
2157SP	OCUB-1093	4-9	F8563	FPA 42-PG36 GRAY	1-18	F8663	FPA 42-PG36-90 GRAY	1-22	G1022	RG 312-6-6	4-13
2184SP	OCUB-1375	4-9	F8566	FPA 54-PG48 BLACK	1-18	F8666	FPA 54-PG48-90 BLACK	1-22	G1023	RG 312-6-8	4-13
2196SP	OCUB-1250	4-9	F8567	FPA 54-PG48 GRAY	1-18	F8667	FPA 54-PG48-90 GRAY	1-22	G1026	RG 312-7-2	4-13
2213SP	OCUB-1500	4-9	F8570	FPA 10-M12 BLACK	1-19	F8670	FPA 10-M12-90 BLACK	1-23	G1033	RG 375-4-3	4-13
F8400	FPAS 10/BL	1-15	F8571	FPA 10-M12 GRAY	1-19	F8671	FPA 10-M12-90 GRAY	1-23	G1034	RG 375-6-6	4-13
F8402	FPAS 13/BL	1-15	F8572	FPA 13-M16 BLACK	1-19	F8672	FPA 13-M16-90 BLACK	1-23	G1037	RG 375-8-2	4-13
F8404	FPAS 16/BL	1-15	F8573	FPA 13-M16 GRAY	1-19	F8673	FPA 13-M16-90 GRAY	1-23	G1038	RG 375-8-3	4-13
F8406	FPAS 21/BL	1-15	F8574	FPA 16-M16 BLACK	1-19	F8674	FPA 16-M16-90 BLACK	1-23	G1039	RG 375-8-3A	4-13
F8410	FPAS 28/BL	1-15	F8575	FPA 16-M16 GRAY	1-19	F8675	FPA 16-M16-90 GRAY	1-23	G1042	RG 375-9-2	4-13
F8414	FPAS 34/BL	1-15	F8576	FPA 16-M20 BLACK	1-19	F8676	FPA 16-M20-90 BLACK	1-23	G1043	RG 375-10-12	4-13
F8416	FPAS 42/BL	1-15	F8577	FPA 16-M20 GRAY	1-19	F8677	FPA 16-M20-90 GRAY	1-23	G1047	RG 406-9-4	4-13
F8418	FPAS 54/BL	1-15	F8578	FPA 67-M63 BLACK	1-19	F8678	FPA 67-M63-90 BLACK	1-23	G1052	RG 437-8-2	4-13
F8420	FPAS 67/BL	1-15	F8579	FPA 67-M63 GRAY	1-19	F8679	FPA 67-M63-90 GRAY	1-23	G1053	RG 437-8-2A	4-13
F8422	FPI 13/BL	1-16	F8580	FPA 21-M20 BLACK	1-19	F8680	FPA 21-M20-90 BLACK	1-23	G1056	RG 437-8-4	4-13
F8424	FPI 16/BL	1-16	F8581	FPA 21-M20 GRAY	1-19	F8681	FPA 21-M20-90 GRAY	1-23	G1057	RG 437-8-6	4-13
F8426	FPI 21/BL	1-16	F8586	FPA 28-M25 BLACK	1-19	F8686	FPA 28-M25-90 BLACK	1-23	G1058	RG 437-8-8	4-13
F8432	FPI 28/BL	1-16	F8587	FPA 28-M25 GRAY	1-19	F8687	FPA 28-M25-90 GRAY	1-23	G1061	RG 437-10-2	4-13
F8434	FPI 34/BL	1-16	F8590	FPA 34-M32 BLACK	1-19	F8690	FPA 34-M32-90 BLACK	1-23	G1062	RG 437-10-3	4-13
F8436	FPI 42/BL	1-16	F8591	FPA 34-M32 GRAY	1-19	F8691	FPA 34-M32-90 GRAY	1-23	G1086	RG 500-10-8	4-13
F8438	FPI 54/BL	1-16	F8592	FPA 42-M40 BLACK	1-19	F8694	FPA 42-M50-90 BLACK	1-23	G1089	RG 500-12-2	4-13
F8504	FPA 16-038 BLACK	1-17	F8593	FPA 42-M40 GRAY	1-19	F8695	FPA 42-M50-90 GRAY	1-23	G1090	RG 500-12-2A	4-13
F8505	FPA 16-038 GRAY	1-17	F8594	FPA 42-M50 BLACK	1-19	F8696	FPA 54-M50-90 BLACK	1-23	G1092	RG 500-12-4	4-13
F8506	FPA 16-050 BLACK	1-17	F8595	FPA 42-M50 GRAY	1-19	F8697	FPA 54-M50-90 GRAY	1-23	G1093	RG 500-12-4A	4-13
F8507	FPA 16-050 GRAY	1-17	F8596	FPA 54-M50 BLACK	1-19	F8698	FPA 54-M63-90 BLACK	1-23	G1094	RG 500-12-5	4-13
F8510	FPA 21-050 BLACK	1-17	F8597	FPA 54-M50 GRAY	1-19	F8699	FPA 54-M63-90 GRAY	1-23	G1095	RG 500-12-8	4-13
F8511	FPA 21-050 GRAY	1-17	F8598	FPA 54-M63 BLACK	1-19	F8706	FPA 16-050-45 BLACK	1-20	G1096	RG 500-12-12	4-13
F8516	FPA 28-075 BLACK	1-17	F8599	FPA 54-M63 GRAY	1-19	F8707	FPA 16-050-45 GRAY	1-20	G1110	RG 562-6-6	4-13
F8517	FPA 28-075 GRAY	1-17	F8606	FPA 16-050-90 BLACK	1-21	F8710	FPA 21-050-45 BLACK	1-20	G1112	RG 562-10-2	4-13
F8520	FPA 34-100 BLACK	1-17	F8607	FPA 16-050-90 GRAY	1-21	F8711	FPA 21-050-45 GRAY	1-20	G1114	RG 562-10-4	4-13
F8521	FPA 34-100 GRAY	1-17	F8610	FPA 21-050-90 BLACK	1-21	F8716	FPA 28-075-45 BLACK	1-20	G1115	RG 562-10-6	4-13
F8522	FPA 42-125 BLACK	1-17	F8611	FPA 21-050-90 GRAY	1-21	F8717	FPA 28-075-45 GRAY	1-20	G1116	RG 562-10-6A	4-13
F8523	FPA 42-125 GRAY	1-17	F8616	FPA 28-075-90 BLACK	1-21	F8720	FPA 34-100-45 BLACK	1-20	G1117	RG 562-10-8	4-14
F8524	FPA 42-150 BLACK	1-17	F8617	FPA 28-075-90 GRAY	1-21	F8721	FPA 34-100-45 GRAY	1-20	G1120	RG 562-12-6	4-14
F8525	FPA 42-150 GRAY	1-17	F8620	FPA 34-100-90 BLACK	1-21	F8724	FPA 42-150-45 BLACK	1-20	G1121	RG 562-12-12	4-14
			F8621	FPA 34-100-90 GRAY	1-21	F8725	FPA 42-150-45 GRAY	1-20	G1123	RG 562-14-2	4-14
			F8622	FPA 42-125-90 BLACK	1-21	F8728	FPA 54-150-45 BLACK	1-20	G1127	RG 625-6-4	4-14
			F8623	FPA 42-125-90 GRAY	1-21	F8729	FPA 54-150-45 GRAY	1-20	G1130	RG 625-12-2	4-14
			F8624	FPA 42-150-90 BLACK	1-21	F8900	FCL 10 BLACK	1-24	G1132	RG 625-12-4	4-14
			F8625	FPA 42-150-90 GRAY	1-21	F8901	FCL 10 GRAY	1-24	G1133	RG 625-12-6	4-14

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
G1134	RG 625-12-8	4-14	G1291	RG 1250-16-4	4-15	G2017	RGB 218-875-6	4-18	M3210	LTCG 9 BLACK	2-12
G1135	RG 625-13-6	4-14	G1294	RG 1250-20-2	4-15	G2019	RGB 250-437-6	4-18	M3210GAP	LTCG 9 4-1,4MM HOLES	2-16
G1136	RG 625-13-12	4-14	G1298	RG 1250-24-2	4-15	G2020	RGB 250-500-6	4-18	M3210GAZ	LTCG 9 6-1,4MM HOLES	2-16
G1137	RG 625-16-2	4-14	G1299	RG 1250-24-4	4-15	G2021	RGB 250-562-12	4-18	M3210GE	LTCG 9 10-1,4MM HOLES	2-16
G1140	RG 630-16-4	4-14	G1301	RG 1250-24-8	4-15	G2022	RGB 250-375-4	4-18	M3210GG	LTCG 9 5-1,6MM HOLES	2-16
G1150	RG 687-14-2	4-14	G1303	RG 1250-28-2	4-15	G2023	RGB 250-375-4R	4-18	M3210GH	LTCG 9 2-1,7MM HOLES	2-16
G1151	RG 687-14-2A	4-14	G1304	RG 1250-28-4	4-15	G2024	RGB 250-500-5	4-18	M3210GJ	LTCG 9 3-1,7MM HOLES	2-16
G1152	RG 687-14-4	4-14	G1306	RG 1250-28-6	4-15	G2025	RGB 250-500-8	4-18	M3210GK	LTCG 9 4-1,7MM HOLES	2-16
G1153	RG 687-14-6	4-14	G1307	RG 1250-28-8	4-15	G2026	RGB 250-406-7	4-18	M3210GM	LTCG 9 4-2,3MM HOLES	2-16
G1154	RG 687-14-8	4-14	G1308	RG 1250-28-12	4-15	G2027	RGB 250-562-4	4-18	M3210GP	LTCG 9 2-3,0MM HOLES	2-16
G1155	RG 687-16-2	4-14	G1311	RG 1250-32-2	4-16	G2029	RGB 281-500-2	4-18	M3211	LTCG 9 GRAY	2-12
G1172	RG 750-10-6	4-14	G1312	RG 1250-32-6	4-16	G2030	RGB 281-500-4	4-18	M3212	LTCG 42 BLACK	2-2 2-12
G1174	RG 750-12-2	4-14	G1314	RG 1250-32-12	4-16	G2031	RGB 281-562-4	4-18	M3213	LTCG 11 BLACK	2-12
G1176	RG 750-16-2	4-14	G1320	RG 1375-32-2	4-16	G2032	RGB 281-625-11	4-18	M3213GAK	LTCG 11 2-4,0MM HOLES	2-16
G1177	RG 750-16-2A	4-14	G1322	RG 1375-32-4	4-16	G2034	RGB 312-1250-3	4-18	M3213GAY	LTCG 11 4-2,8MM HOLES	2-16
G1178	RG 750-16-3	4-14	G1323	RG 1375-32-6	4-16	G2035	RGB 312-375-5	4-18	M3213GF	LTCG 11 3-1,5MM HOLES	2-16
G1179	RG 750-16-3A	4-14	G1324	RG 1375-32-8	4-16	G2036	RGB 312-875-4	4-18	M3213GP	LTCG 11 2-3,0MM HOLES	2-16
G1181	RG 750-16-5	4-14	G1326	RG 1375-32-12	4-16	G2037	RGB 312-625-8	4-18	M3213GQ	LTCG 11 3-3,0MM HOLES	2-16
G1182	RG 750-16-12	4-14	G1329	RG 1375-36-6	4-16	G2039	RGB 328-846-6	4-18	M3214	LTCG 11 GRAY	2-12
G1188	RG 812-12-4	4-14	G1347	RG 1500-36-2	4-16	G2041	RGB 375-765-24	4-18	M3215	RLTCG 42 GRAY	2-2 2-12
G1191	RG 812-14-10	4-14	G1348	RG 1500-38-5	4-16	G2043	RGB 500-1000-6	4-18	M3216	LTCG 13.5 BLACK	2-12
G1192	RG 812-16-2	4-14	G1349	RG 1500-40-2	4-16	G2044	RGB 500-1000-10	4-18	M3216GAB	LTCG 13 2-4,2MM HOLES	2-16
G1193	RG 812-16-4	4-14	G1350	RG 1500-40-4	4-16	M3200	LTCG LL 1/2 BLACK	2-11	M3216GAC	LTCG 13 2-5,0MM HOLES	2-16
G1194	RG 812-16-6	4-14	G1351	RG 1500-40-6	4-16	M3200GAH	LTCG LL 1/2 3-5,6MM HOLES	2-15	M3216GAE	LTCG 13 2-5,2MM HOLES	2-16
G1195	RG 812-16-8	4-14	G1353	RG 1500-40-8	4-16	M3200GAJ	LTCG LL 1/2 2-6,0MM HOLES	2-15	M3216GL	LTCG 13 3-2,0MM HOLES	2-16
G1197	RG 812-18-2	4-14	G1354	RG 1500-40-8A	4-16	M3200GAB	LTCG LL 1/2 6-4,0MM HOLES	2-15	M3216GN	LTCG 13 2-2,5MM HOLES	2-16
G1198	RG 812-18-4	4-14	G1363	RG 1625-42-4	4-16	M3200GQ	LTCG LL 1/2 3-3,0MM HOLES	2-15	M3216GQ	LTCG 13 3-3,0MM HOLES	2-16
G1199	RG 812-18-6	4-14	G1364	RG 1625-44-4	4-16	M3200GR	LTCG LL 1/2 4-3,0MM HOLES	2-15	M3216GS	LTCG 13 6-3,0MM HOLES	2-16
G1200	RG 812-18-8	4-14	G1369	RG 1750-48-2	4-16	M3200GS	LTCG LL 1/2 6-3,0MM HOLES	2-15	M3216GT	LTCG 13 2-3,8MM HOLES	2-16
G1208	RG 875-10-2	4-14	G1371	RG 1750-48-4	4-16	M3200GW	LTCG LL 1/2 6-3,8MM HOLES	2-15	M3216GX	LTCG 13 3-4,0MM HOLES	2-16
G1213	RG 875-18-6	4-14	G1372	RG 1750-48-6	4-16	M3200GX	LTCG LL 1/2 3-4,0MM HOLES	2-15	M3217	LTCG 13.5 GRAY	2-12
G1214	RG 875-18-12	4-14	G1373	RG 1750-48-8	4-16	M3200GY	LTCG LL 1/2 4-4,0MM HOLES	2-15	M3218	RLTCG 42 BLACK	2-2 2-12
G1215	RG 875-20-2	4-15	G1374	RG 1750-48-8A	4-16	M3200GZ	LTCG LL 1/2 5-4,0MM HOLES	2-15	M3219	LTCG 16 BLACK	2-12
G1218	RG 875-20-4	4-15	G1375	RG 1750-48-12	4-16	M3201	LTCG LL 1/2 GRAY	2-11	M3219GAH	LTCG 16 3-5,6MM HOLES	2-16
G1219	RG 875-20-6	4-15	G1387	RG 2000-48-3	4-16	M3203	LTCG 36 GRAY	2-2 2-12	M3219GAJ	LTCG 16 2-6,0MM HOLES	2-16
G1220	RG 875-20-8	4-15	G1390	RG 2000-52-6	4-16	M3204	LTCG 36 BLACK	2-2 2-12	M3219GAB	LTCG 16 6-4,0MM HOLES	2-16
G1224	RG 906-20-10	4-15	G1392	RG 2000-56-4	4-16	M3204GAL	LTCG 36 6-6,5MM HOLES	2-16	M3219GBB	LTCG 16 2-1,5MM HOLES	2-16
G1232	RG 968-22-12	4-15	G1393	RG 2000-56-8	4-16	M3204GAR	LTCG 36 6-8,0MM HOLES	2-16	M3219GQ	LTCG 16 3-3,0MM HOLES	2-16
G1242	RG 1000-12-2	4-15	G1394	RG 2000-56-8A	4-16	M3204GAT	LTCG 36 5-9,0MM HOLES	2-16			
G1244	RG 1000-12-4	4-15	G1395	RG 2000-56-12	4-16	M3204GAW	LTCG 36 7-9,0MM HOLES	2-16			
G1246	RG 1000-16-2	4-15	G1404	RG 2.200-64-6	4-16						
G1247	RG 1000-16-4	4-15	G1409	RG 2.375-40-2	4-16						
G1248	RG 1000-16-8	4-15	G1414	RG 2.375-64-6	4-16						
G1249	RG 1000-18-12	4-15	G1418	RG 2.5-40-2	4-16						
G1252	RG 1000-22-2	4-15	G1421	RG 2.5-64-8	4-16						
G1253	RG 1000-22-3	4-15	G1422	RG 2.5-68-2	4-16						
G1255	RG 1000-22-4	4-15	G1423	RG 2.5-68-4	4-16						
G1256	RG 1000-22-6	4-15	G1425	RG 2.5-72-8	4-16						
G1257	RG 1000-22-8	4-15	G1426	RG 2.5-72-10	4-16						
G1258	RG 1000-24-2	4-15	G1427	RG 2.5-72-12	4-16						
G1259	RG 1000-24-4	4-15	G2000	RGB 118-236-4	4-18						
G1260	RG 1000-24-4A	4-15	G2002	RGB 125-334-6	4-18						
G1261	RG 1000-24-6	4-15	G2004	RGB 156-375-3	4-18						
G1264	RG 1000-28-8	4-15	G2006	RGB 177-334-9	4-18						
G1269	RG 1062-24-2	4-15	G2007	RGB 180-500-2	4-18						
G1272	RG 1062-24-6	4-15	G2009	RGB 187-250-6	4-18						
G1273	RG 1062-24-8	4-15	G2010	RGB 187-312-4	4-18						
G1278	RG 1125-24-12	4-15	G2011	RGB 187-375-8	4-18						
G1279	RG 1125-26-8	4-15	G2012	RGB 187-375-4	4-18						
G1281	RG 1125-28-3	4-15	G2013	RGB 187-500-3	4-18						
G1288	RG 1187-28-5	4-15	G2014	RGB 187-338-6	4-18						
G1290	RG 1250-16-2	4-15	G2016	RGB 218-406-6	4-18						

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
M3219GR	LTCG 16 4-3,0MM HOLES	2-16	M3231GN	LTCG 1/2 2-2,5MM HOLES	2-15	M3252	LTCG 1/2 FLEX GRAY	2-13	M3474	RLTCG 3/8 FLEX BLACK	2-13
M3219GS	LTCG 16 6-3,0MM HOLES	2-16	M3231GQ	LTCG 1/2 3-3,0MM HOLES	2-15	M3254	LTCG 3/8 FLEX BLACK	2-13	M3475	RLTCG 3/8 FLEX GRAY	2-13
M3219GW	LTCG 16 6-3,8MM HOLES	2-16	M3231GS	LTCG 1/2 6-3,0MM HOLES	2-15	M3255	LTCG 3/8 FLEX GRAY	2-13	M3478	RLTCG 21 FLEX BLACK	2-14
M3219GX	LTCG 16 3-4,0MM HOLES	2-16	M3231GT	LTCG 1/2 2-3,8MM HOLES	2-15	M3281	LTCG 48 BLACK	2-2 2-12	M3479	RLTCG 21 FLEX GRAY	2-14
M3219GY	LTCG 16 4-4,0MM HOLES	2-16	M3231GX	LTCG 1/2 3-4,0MM HOLES	2-15	M3282	LTCG 48 GRAY	2-2 2-12	M4330	RLTCG M12 BLACK	2-3
M3219GZ	LTCG 16 5-4,0MM HOLES	2-16	M3231GZA	LTCG 1/2 9,9X4,9MM FLAT	2-15	M3283	RLTCG 48 BLACK	2-2 2-12	M4331	RLTCG M12 GRAY	2-3
M3220	LTCG 16 GRAY	2-12	M3231GZB	LTCG 1/2 10,7X5,3MM FLAT	2-15	M3284	RLTCG 48 GRAY	2-2 2-12	M4332	LTCG M12 BLACK	2-3
M3222	LTCG 21 BLACK	2-12	M3232	LTCG 1/2 GRAY	2-11	M3300	LTCG M50 BLACK	2-3	M4333	LTCG M12 GRAY	2-3
M3222GAD	LTCG 21 4-5,0MM HOLES	2-16	M3234	LTCG 3/4 BLACK	2-11	M3301	LTCG M50 GRAY	2-3	M4334	RLTCG M16 BLACK	2-3
M3222GAF	LTCG 21 3-5,2MM HOLES	2-16	M3234GAD	LTCG 3/4 4-5,0MM HOLES	2-15	M3302	RLTCG M50 BLACK	2-3	M4335	RLTCG M16 GRAY	2-3
M3222GAG	LTCG 21 4-5,2MM HOLES	2-16	M3234GAF	LTCG 3/4 3-5,2MM HOLES	2-15	M3303	RLTCG M50 GRAY	2-3	M4336	LTCG M16 BLACK	2-3
M3222GAM	LTCG 21 3-7,0MM HOLES	2-16	M3234GAG	LTCG 3/4 4-5,2MM HOLES	2-15	M3304	LTCG M63 BLACK	2-3	M4336GAP	LTCG M16 4-1,4MM HOLES	2-17
M3222GAN	LTCG 21 2-7,4MM HOLES	2-16	M3234GAM	LTCG 3/4 3-7,0MM HOLES	2-15	M3305	LTCG M63 GRAY	2-3	M4336GAZ	LTCG M16 6-1,4MM HOLES	2-17
M3222GAQ	LTCG 21 2-8,0MM HOLES	2-16	M3234GAN	LTCG 3/4 2-7,4MM HOLES	2-15	M3306	RLTCG M63 BLACK	2-3	M4336GE	LTCG M16 10-1,4MM HOLES	2-17
M3222GBC	LTCG 21 4-6,0MM HOLES	2-16	M3234GAQ	LTCG 3/4 2-8,0MM HOLES	2-15	M3307	RLTCG M63 GRAY	2-3	M4336GG	LTCG M16 5-1,6MM HOLES	2-17
M3223	LTCG 21 GRAY	2-12	M3234GBC	LTCG 3/4 4-6,0MM HOLES	2-15	M3317	LTCG 1-1/2 BLACK	2-1 2-11	M4336GH	LTCG M16 2-1,7MM HOLES	2-17
M3225	LTCG 29 BLACK	2-12	M3234GZA	LTCG 3/4 9,9X4,9MM FLAT	2-15	M3318	LTCG 1-1/2 GRAY	2-1 2-11	M4336GJ	LTCG M16 3-1,7MM HOLES	2-17
M3225GAL	LTCG 29 6-6,5MM HOLES	2-16	M3234GZB	LTCG 3/4 10,7X5,3MM FLAT	2-15	M3319	RLTCG 1-1/2 BLACK	2-1 2-11	M4336GK	LTCG M16 4-1,7MM HOLES	2-17
M3225GAS	LTCG 29 4-9,0MM HOLES	2-16	M3234GZC	LTCG 3/4 12,5X6,2MM FLAT	2-15	M3320	RLTCG 1-1/2 GRAY	2-1 2-11	M4336GM	LTCG M16 4-2,3MM HOLES	2-17
M3225GAX	LTCG 29 4-9,5MM HOLES	2-16	M3234GZE	LTCG 3/4 13,4X6,6MM FLAT	2-15	M3321	LTCG 2 BLACK	2-1 2-11	M4336GP	LTCG M16 2-3,0MM HOLES	2-17
M3226	LTCG 29 GRAY	2-12	M3234GZF	LTCG 3/4 16,1X4,8MM FLAT	2-15	M3322	LTCG 2 GRAY	2-1 2-11	M4337	LTCG M16 GRAY	2-3
M3228	LTCG 3/8 BLACK	2-11	M3234GZG	LTCG 3/4 16,1X4,8MM FLAT	2-15	M3323	RLTCG 2 BLACK	2-1 2-11	M4338	RLTCG M20 BLACK	2-3
M3228GAP	LTCG 3/8 4-1,4MM HOLES	2-15	M3235	LTCG 3/4 GRAY	2-11	M3324	RLTCG 2 GRAY	2-1 2-11	M4339	RLTCG M20 GRAY	2-3
M3228GAZ	LTCG 3/8 6-1,4MM HOLES	2-15	M3237	LTCG 7 FLEX BLACK	2-14	M3444	RLTCG 7 BLACK	2-12	M4340	LTCG M20 BLACK	2-3
M3228GE	LTCG 3/8 10-1,4MM HOLES	2-15	M3238	LTCG 7 FLEX GRAY	2-14	M3445	RLTCG 7 GRAY	2-12	M4340GAB	LTCG M20 2-4,2MM HOLES	2-17
M3228GG	LTCG 3/8 5-1,6MM HOLES	2-15	M3239	LTCG 3/4 FLEX BLACK	2-13	M3446	RLTCG 9 BLACK	2-12	M4340GAC	LTCG M20 2-5,0MM HOLES	2-17
M3228GH	LTCG 3/8 2-1,7MM HOLES	2-15	M3240	LTCG 9 FLEX BLACK	2-14	M3447	RLTCG 9 GRAY	2-12	M4340GAE	LTCG M20 2-5,2MM HOLES	2-17
M3228GJ	LTCG 3/8 3-1,7MM HOLES	2-15	M3241	LTCG 9 FLEX GRAY	2-14	M3448	RLTCG 11 BLACK	2-12	M4340GL	LTCG M20 3-2,0MM HOLES	2-17
M3228GK	LTCG 3/8 4-1,7MM HOLES	2-15	M3242	LTCG 3/4 FLEX GRAY	2-13	M3449	RLTCG 11 GRAY	2-12	M4340GN	LTCG M20 2-2,5MM HOLES	2-17
M3228GM	LTCG 3/8 4-2,3MM HOLES	2-15	M3243	LTCG 11 FLEX BLACK	2-14	M3454	RLTCG 21 BLACK	2-12	M4340GQ	LTCG M20 3-3,0MM HOLES	2-17
M3228GP	LTCG 3/8 2-3,0MM HOLES	2-15	M3244	LTCG 11 FLEX GRAY	2-14	M3455	RLTCG 21 GRAY	2-12	M4340GS	LTCG M20 6-3,0MM HOLES	2-17
M3229	LTCG 3/8 GRAY	2-11	M3245	LTCG 21 FLEX BLACK	2-14	M3458	RLTCG 3/8 BLACK	2-11	M4340GT	LTCG M20 2-3,8MM HOLES	2-17
M3231	LTCG 1/2 BLACK	2-11	M3246	LTCG 13 FLEX BLACK	2-14	M3459	RLTCG 3/8 GRAY	2-11	M4340GX	LTCG M20 3-4,0MM HOLES	2-17
M3231GAB	LTCG 1/2 2-4,2MM HOLES	2-15	M3247	LTCG 13 FLEX GRAY	2-14	M3460	RLTCG 3/4 BLACK	2-11	M4341	LTCG M20 GRAY	2-3
M3231GAC	LTCG 1/2 2-5,0MM HOLES	2-15	M3248	LTCG 21 FLEX GRAY	2-14	M3461	RLTCG 3/4 GRAY	2-11	M4342	RLTCG M25 BLACK	2-3
M3231GAE	LTCG 1/2 2-5,2MM HOLES	2-15	M3249	LTCG 16 FLEX BLACK	2-14	M3462	RLTCG 3/4 FLEX BLACK	2-13	M4343	RLTCG M25 GRAY	2-3
M3231GL	LTCG 1/2 3-2,0MM HOLES	2-15	M3250	LTCG 16 FLEX GRAY	2-14	M3463	RLTCG 3/4 FLEX GRAY	2-13	M4344	LTCG M25 BLACK	2-3
			M3251	LTCG 1/2 FLEX BLACK	2-13	M3464	RLTCG 7 FLEX BLACK	2-14	M4344GAD	LTCG M25 4-5,0MM HOLES	2-17
						M3465	RLTCG 7 FLEX GRAY	2-14	M4344GAF	LTCG M25 3-5,2MM HOLES	2-17
						M3466	RLTCG 9 FLEX BLACK	2-14	M4344GAG	LTCG M25 4-5,2MM HOLES	2-17
						M3467	RLTCG 9 FLEX GRAY	2-14	M4344GAM	LTCG M25 3-7,0MM HOLES	2-17
						M3468	RLTCG 11 FLEX BLACK	2-14			
						M3469	RLTCG 11 FLEX GRAY	2-14			

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
M4344GAN	LTCG M25 2-7,4MM HOLES	2-17	M4452	RLTCG M16 90 BLACK	2-8	M4562	LTCG 1/4 90 BLACK	2-7	M8565	LTCG 1/2 90 GRAY	2-7
M4344GAQ	LTCG M25 2-8,0MM HOLES	2-17	M4453	RLTCG M16 90 GRAY	2-8	M4563	LTCG 1/4 90 GRAY	2-7	M9130	NLN M12 BLACK	1-12 2-21
M4344GBC	LTCG M25 4-6,0MM HOLES	2-17	M4454	LTCG M16 90 BLACK	2-8	M4564	RLTCG 1/2 90 BLACK	2-7	M9131	NLN M12 GRAY	1-12 2-21
M4345	LTCG M25 GRAY	2-3	M4455	LTCG M16 90 GRAY	2-8	M4565	RLTCG 1/2 90 GRAY	2-7	M9132	NLN M16 BLACK	1-12 2-21
M4346	RLTCG M32 BLACK	2-3	M4456	RLTCG M20 90 BLACK	2-8	M4800	SCG 500	2-19	M9133	NLN M16 GRAY	1-12 2-21
M4347	RLTCG M32 GRAY	2-3	M4457	RLTCG M20 90 GRAY	2-8	M4802	RSCG 500	2-19	M9134	NLN M20 BLACK	1-12 2-21
M4348	LTCG M32 BLACK	2-3	M4458	LTCG M20 90 BLACK	2-8	M4806	SCG 625	2-19	M9135	NLN M20 GRAY	1-12 2-21
M4348GAL	LTCG M32 6-6,5MM HOLES	2-17	M4459	LTCG M20 90 GRAY	2-8	M4808	RSCG 625	2-19	M9136	NLN M25 BLACK	1-12 2-21
M4348GAS	LTCG M32 4-9,0MM HOLES	2-17	M4500	RLTCG 13.5 BLACK	2-12	M4812	SCG 750	2-19	M9137	NLN M25 GRAY	1-12 2-21
M4348GAX	LTCG M32 4-9,5MM HOLES	2-17	M4501	RLTCG 13.5 GRAY	2-12	M4814	RSCG 750	2-19	M9138	NLN M32 BLACK	1-12 2-21
M4349	LTCG M32 GRAY	2-3	M4502	RLTCG 16 BLACK	2-12	M4818	SCG 875	2-19	M9139	NLN M32 GRAY	1-12 2-21
M4350	RLTCG M40 BLACK	2-3	M4503	RLTCG 16 GRAY	2-12	M4820	RSCG 875	2-19	M9140	NLN M40 BLACK	1-12 2-21
M4351	RLTCG M40 GRAY	2-3	M4504	RLTCG 29 BLACK	2-12	M4822	SCG 1000	2-19	M9141	NLN M40 GRAY	1-12 2-21
M4352	LTCG M40 BLACK	2-3	M4505	RLTCG 29 GRAY	2-12	M4826	RSCG 1000	2-19	M9142	NLN 1/4 NPT BLACK	1-12 2-21
M4352GAL	LTCG M40 6-6,5MM HOLES	2-17	M4514	RLTCG 1/4 BLACK	2-1 2-11	M4830	SCG 1093	2-19	M9143	NLN 1/4 NPT GRAY	1-12 2-21
M4352GAR	LTCG M40 6-8,0MM HOLES	2-17	M4515	RLTCG 1/4 GRAY	2-1 2-11	M4832	RSCG 1093	2-19	M9144	NLN 1-1/4 NPT BLACK	1-12 2-21
M4352GAT	LTCG M40 5-9,0MM HOLES	2-17	M4516	LTCG 1/4 BLACK	2-1 2-11	M4836	SCG 1125	2-19	M9145	NLN 1-1/4 NPT GRAY	1-12 2-21
M4352GAW	LTCG M40 7-9,0MM HOLES	2-17	M4517	LTCG 1/4 GRAY	2-1 2-11	M4838	RSCG 1125	2-19	M9146	NLN PG 36 BLACK	1-12 2-21
M4353	LTCG M40 GRAY	2-3	M4518	RLTCG 1/2 BLACK	2-11	M4842	SCG 1250	2-19	M9147	NLN PG 36 GRAY	1-12 2-21
M4396	FLEX RLTCG M12 BLACK	2-6	M4519	RLTCG 1/2 GRAY	2-11	M4844	RSCG 1250	2-19	M9148	NLN M50 BLACK	1-12 2-21
M4397	FLEX RLTCG M12 GRAY	2-6	M4520	RLTCG LL 1/2 BLACK	2-11	M4848	SCG 1375	2-19	M9149	NLN M50 GRAY	1-12 2-21
M4398	FLEX LTCG M12 BLACK	2-6	M4521	RLTCG LL 1/2 GRAY	2-11	M4850	RSCG 1375	2-19	M9150	NLN 1-1/2 NPT BLACK	1-12 2-21
M4399	FLEX LTCG M12 GRAY	2-6	M4522	RLTCG 1-1/4 BLACK	2-1 2-11	M4854	SCG 1500	2-19	M9151	NLN 1-1/2 NPT GRAY	1-12 2-21
M4400	FLEX RLTCG M16 BLACK	2-6	M4523	RLTCG 1-1/4 GRAY	2-1 2-11	M4856	RSCG 1500	2-19	M9152	NLN PG 42 BLACK	1-12 2-21
M4401	FLEX RLTCG M16 GRAY	2-6	M4524	LTCG 1-1/4 BLACK	2-1 2-11	M4860	SCG 1750	2-19	M9153	NLN PG 42 GRAY	1-12 2-21
M4402	FLEX LTCG M16 BLACK	2-6	M4524GAL	LTCG 1-1/4 6-6,5MM HOLES	2-15	M4862	RSCG 1750	2-19	M9154	NLN M63 BLACK	1-12 2-21
M4403	FLEX LTCG M16 GRAY	2-6	M4524GAR	LTCG 1-1/4 6-8,0MM HOLES	2-15	M4866	SCG 2000	2-19	M9155	NLN M63 GRAY	1-12 2-21
M4404	FLEX RLTCG M20 BLACK	2-6	M4524GAT	LTCG 1-1/4 5-9,0MM HOLES	2-15	M4872	SCG 2000	2-19	M9156	NLN 2 NPT BLACK	1-12 2-21
M4405	FLEX RLTCG M20 GRAY	2-6	M4524GAW	LTCG 1-1/4 7-9,0MM HOLES	2-15	M4874	RSCG 2000	2-19	M9157	NLN 2 NPT GRAY	1-12 2-21
M4406	FLEX LTCG M20 BLACK	2-6	M4525	LTCG 1-1/4 GRAY	2-1 2-11	M8437	LTCG 1 BLACK	2-11	M9158	NLN PG 48 BLACK	1-12 2-21
M4407	FLEX LTCG M20 GRAY	2-6	M4526	RLTCG 13 FLEX BLACK	2-14	M8437GAL	LTCG 1 6-6,5MM HOLES	2-15	M9159	NLN PG 48 GRAY	1-12 2-21
M4408	FLEX RLTCG M25 BLACK	2-6	M4527	RLTCG 13 FLEX GRAY	2-14	M8437GAS	LTCG 1 4-9,0MM HOLES	2-15	N001	CBA 500-14 CLEAR	4-20
M4409	FLEX RLTCG M25 GRAY	2-6	M4528	RLTCG 16 FLEX BLACK	2-14	M8437GAX	LTCG 1 4-9,5MM HOLES	2-15	N002	HBA 440-20 CLEAR	4-19
M4410	FLEX LTCG M25 BLACK	2-6	M4529	RLTCG 16 FLEX GRAY	2-14	M8437GZH	LTCG 1 17,5X4,8MM FLAT	2-15	N005	CBA 500-06 CLEAR	4-20
M4411	FLEX LTCG M25 GRAY	2-6	M4536	RLTCG 1/4 FLEX BLACK	2-13	M8438	LTCG 1 GRAY	2-11	N006	CBA 500-25 CLEAR	4-20
M4448	RLTCG M12 90 BLACK	2-8	M4537	RLTCG 1/4 FLEX GRAY	2-13	M8439	RLTCG 1 BLACK	2-1 2-11	N007	HBA 335-09 CLEAR	4-19
M4449	RLTCG M12 90 GRAY	2-8	M4538	LTCG 1/4 FLEX BLACK	2-13	M8440	RLTCG 1 GRAY	2-1 2-11	N008	HBA 700-38 CLEAR	4-19
M4450	LTCG M12 90 BLACK	2-8	M4539	LTCG 1/4 FLEX GRAY	2-13	M8530	RLTCG 7 90 BLACK	2-8			
M4451	LTCG M12 90 GRAY	2-8	M4540	RLTCG 1/2 FLEX BLACK	2-13	M8531	RLTCG 7 90 GRAY	2-8			
			M4541	RLTCG 1/2 FLEX GRAY	2-13	M8532	LTCG 7 90 BLACK	2-8			
			M4542	RLTCG 13.5 90 BLACK	2-8	M8533	LTCG 7 90 GRAY	2-8			
			M4543	RLTCG 13.5 90 GRAY	2-8	M8534	RLTCG 9 90 BLACK	2-8			
			M4560	RLTCG 1/4 90 BLACK	2-7	M8535	RLTCG 9 90 GRAY	2-8			
			M4561	RLTCG 1/4 90 GRAY	2-7	M8536	LTCG 9 90 BLACK	2-8			
						M8537	LTCG 9 90 GRAY	2-8			
						M8538	RLTCG 11 90 BLACK	2-8			
						M8539	RLTCG 11 90 GRAY	2-8			
						M8540	LTCG 11 90 BLACK	2-8			
						M8541	LTCG 11 90 GRAY	2-8			
						M8542	LTCG 13.5 90 BLACK	2-8			
						M8543	LTCG 13.5 90 GRAY	2-8			
						M8560	RLTCG 3/8 90 BLACK	2-7			
						M8561	RLTCG 3/8 90 GRAY	2-7			
						M8562	LTCG 3/8 90 BLACK	2-7			
						M8563	LTCG 3/8 90 GRAY	2-7			
						M8564	LTCG 1/2 90 BLACK	2-7			

PART NUMBER INDEX

Part #	Description	Page	Part #	Description	Page	Part #	Description	Page	Part #	Description	Page
N011	CBA 620-40 CLEAR	4-20	S7432	347V 20A MALE TL PREMOLD BLACK	7-7	S7611	FT2L 125V-15A WHITE 3'	7-4	S7710	T2L 250-30A BLACK 3'	7-4
N012	HBA 375-15 CLEAR	4-19	S7434	480V 20A MALE TL PREMOLD BLACK	7-7	S7612	FT2L 125V-15A WHITE 3'	7-4	S7715	T2L 125V-30A BLACK 3'	7-4
N015	HBA 620-31 CLEAR	4-19	S7436	250V 30A MALE TL PREMOLD BLACK	7-7	S7620	T2L 277V-20A BLACK 3'	7-4	S7716	T2L 125V-30A BLACK 3'	7-4
N017	CDBA 880-40 CLEAR	4-20	S7560	5-15 P MALE BRIDGE BLACK 18-14 AWG	7-2	S7621	T2L 227V-20A WHITE 3'	7-4	S7717	T2L 125V-30A BLACK 3'	7-4
N018	CDBA 500-14 CLEAR	4-20	S7561	5-15 P MALE BRIDGE NATURAL 18-14 AWG	7-2	S7625	T2L 277V-20A BLACK 3'	7-4	S7718	T2L 125V-30A BLACK 3'	7-4
N024	CBA 810-12 CLEAR	4-20	S7562	5-15 P MALE BRIDGE 7-SHAPE BLACK 18-14 AWG	7-2	S7626	T2L 277V-20A WHITE 3'	7-4	S7733	FT2L 277V-15A WHITE 3'	7-4
N030	CDBA 1810-60 CLEAR	4-20	S7563	5-15 P MALE BRIDGE 7-SHAPE NATURAL 18-14 AWG	7-2	S7630	T2L 277V-15A BLACK 3'	7-4	S7734	FT2L 277V-15A WHITE 3'	7-4
N035	CBA 370-19 CLEAR	4-20	S7564	5-15 P MALE BRIDGE 7-SHAPE BLACK 18-14 AWG	7-2	S7631	T2L 277V-15A WHITE 3'	7-4	S7743	FT2L 125V-20A WHITE 3'	7-4
N039	HBA 750-08 CLEAR	4-19	S7570	5-15 R FEMALE BRIDGE ASSEMBLY BLACK 18-12 AWG	7-1	S7635	T2L 277V-15A BLACK 3'	7-4	S7744	FT2L 125V-20A WHITE 3'	7-4
N040	HBA 250-06 CLEAR	4-19	S7571	5-15 R FEMALE BRIDGE ASSEMBLY NATURAL 18-12 AWG	7-1	S7636	T2L 277V-15A WHITE 3'	7-4	S7750	FT2L 125V-20A WHITE 3'	7-4
N101	CBA 500-14 BLACK	4-20	S7572	5-15 R FEMALE BRIDGE ASSEMBLY BLACK 12-10 AWG	7-1	S7637	T2L 277V-15A BLACK 3'	7-4	S7780	UNASSEMBLED IEC-320 HOUSING BLACK	7-1
N102	HBA 440-20 BLACK	4-19	S7573	5-15 R FEMALE BRIDGE ASSEMBLY NATURAL 12-10 AWG	7-1	S7638	T2L 227V-15A BLACK 3'	7-4	ST10	AUTOLOCK 100 L/W	3-1
N105	CBA 500-06 BLACK	4-20	S7578	IEC 320 BIZ. MACHINE ASSEMBLY BLACK	7-1	S7640	T2L 125V-20A BLACK 3'	7-4	ST11	FOOTLOCK 100 L/W	3-1
N106	CBA 500-25 BLACK	4-20	S7580	5-15 P MALE BRIDGE BLACK 12-10 AWG	7-2	S7641	T2L 125V-20A WHITE 3'	7-4	ST12	HEADLOCK 100 L/W	3-1
N107	HBA 335-09 BLACK	4-19	S7591	5-15 P MALE BRIDGE 7-SHAPE BLACK 12-10-AWG	7-2	S7642	T2L 125V-20A BLACK 3'	7-4	ST13	AUTOLOCK RDD 100	3-1
N108	HBA 700-38 BLACK	4-19	S7592	5-15 P MALE BRIDGE NATURAL 12-10 AWG	7-2	S7645	T2L 125V-20A BLACK 3'	7-4	ST14	FOOTLOCK RDD 100	3-1
N111	CBA 620-40 BLACK	4-20	S7593	5-15 P MALE BRIDGE 7-SHAPE NATURAL 12-10 AWG	7-2	S7646	T2L 125V-20A WHITE 3'	7-4	ST15	HEADLOCK 100 A/AT	3-1
N112	HBA 375-15 BLACK	4-19	S7610	FT2L 125V-15A WHITE 3'	7-4	S7647	T2L 125V-20A BLACK 3'	7-4	ST16	HEADLOCK RDD 100	3-1
N115	HBA 620-31 BLACK	4-19				S7648	T2L 125V-20A BLACK 3'	7-4	ST17	HEADLOCK RDD 201, 301, 401	3-1
N117	CDBA 880-40 BLACK	4-20				S7650	T2L 125V-15A BLACK 3'	7-4	ST18	AUTOLOCK RDD 201, 301, 401	3-1
N118	CDBA 500-14 BLACK	4-20				S7651	T2L 125V-15A WHITE 3'	7-4	ST19	FOOTLOCK RDD 201, 301, 401	3-1
N124	CBA 810-12 BLACK	4-20				S7652	T2L 125V-15A BLACK 3'	7-4	ST20	HEADLOCK RDD 501	3-1
N130	CDBA 1810-60 BLACK	4-20				S7655	T2L 125V-15A BLACK 3'	7-4	ST26	AUTOLOCK RDD 501	3-1
N135	CBA 370-19 BLACK	4-20				S7656	T2L 125V-15A WHITE 3'	7-4	ST27	FOOTLOCK RDD 501	3-1
N139	HBA 750-08 BLACK	4-19				S7657	T2L 125V-15A BLACK 3'	7-4	ST31	HEADLOCK RDD 601	3-1
N140	HBA 250-06 BLACK	4-19				S7658	T2L 125V-15A BLACK 3'	7-4	ST32	HEADLOCK RDD 6N-2	3-1
S7200	UNASSEMBLED IEC-320 CONTACT	7-1				S7661	T2L 347V-20A BLACK 3'	7-4	ST33	FOOTLOCK RDD 6N-2	3-1
S7400	FEMALE RECEPTACLE BLACK 14-10 AWG	7-3				S7665	T2L 347V-20A BLACK 3'	7-4	ST34	FOOTLOCK RDD 601	3-1
S7403	FEMALE RECEPTACLE BLACK 18-14 AWG	7-3				S7666	T2L 347V-20A WHITE 3'	7-4	Z462	WIRE STRIPPER 18 GA	7-11
S7420	227V 15A MALE TL PREMOLD BLACK	7-7				S7670	T2L 480V-20A BLACK 3'	7-4	Z464	WIRE STRIPPER ASSEMBLY	7-11
S7422	227V 20A MALE TL PREMOLD BLACK	7-7				S7671	T2L 480V-20A WHITE 3'	7-4	Z498	WIRE STRIPPER 16 GA	7-11
S7424	125V 15A MALE TL PREMOLD BLACK	7-7				S7675	T2L 480V-20A BLACK 3'	7-4	Z499	WIRE STRIPPER 14 GA	7-11
S7426	125V 20A MALE TL PREMOLD BLACK	7-7				S7690	T2L 250V-15A BLACK 3'	7-4	Z590	WIRE STRIPPER 12 GA	7-11
S7428	250V 15A MALE TL PREMOLD BLACK	7-7				S7691	T2L 250V-15A WHITE 3'	7-4	Z591	WIRE STRIPPER 10 GA	7-11

If You Don't See It, Call Heyco at 800-526-4182

And for Even MORE Up-to-Date Product Information, Access our Full Line Catalog at

www.heyco.com



"The First Name in Wire Protection"

HEYCO[®]

Heyco Products, Inc.

Box 517, Toms River, NJ 08754

Phone: 732.286.1800 • Toll Free: 800.526.4182 • Fax: 732.244.8843 • Toll Free Fax: 800.358.7904