

## Wire mesh grip families

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

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



#### Strain relief grips

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



#### Support grips

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



#### Pulling grips

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



# Quick reference selection guide

## Strain relief grips

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



### Deluxe cord grips

#### DC series

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



### Dust tight wide range

#### TC series

Indoor use. Connects flexible cord to electrical enclosures.



### I-grips

#### I series

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



### Flexible metallic conduit grips

#### LT series

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

## Support grips

Hold and support cables, metal rods, hose and tubing



### Standard duty support

#### SG series

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



### Heavy duty support

#### SGT series

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



### Service drop support

#### SD series

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



### Bus drop support

#### BD series

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

## Pulling grips

Reusable cable installation tool



### Junior pulling

#### LPJ series

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



### Light duty

#### LP series

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



### Medium duty

#### UP series

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



### Heavy duty

#### PH series

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



### Multi-weave

#### PM series

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



### Slack

#### SK series

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

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

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www.eaton.com/arrowhart

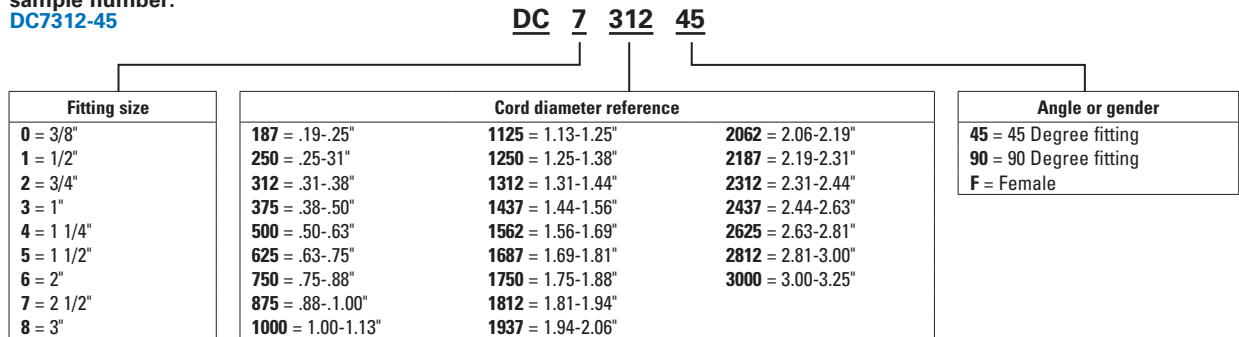
## Strain relief grips

### Strain relief grips catalog numbering system\*

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

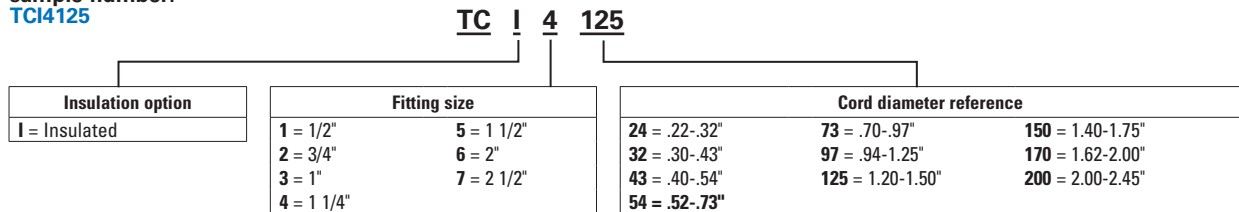
#### Deluxe cord grips

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



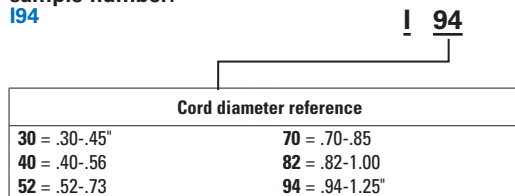
#### Dust tight grips

Dust tight grips  
sample number:  
**TCI4125**



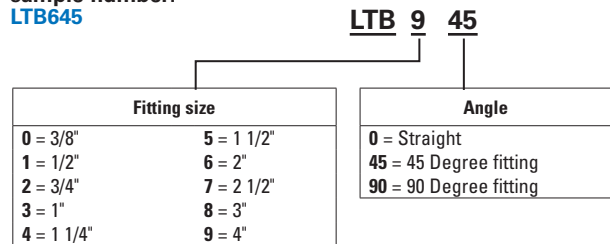
#### I-grips

I-grips  
sample number:  
**I94**



#### Liquid-tight grips

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



\*Not for use with watertight grips

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### Dust tight grips

#### Product description

Wide range - straight male NPT





TCI254

#### Features & applications

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

#### Dust tight grips

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

\* Not UL Listed

### I-grips

#### Product description

Wire mesh I-grip




I52

#### Features & applications

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

#### I-grips

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

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 Indicates NAFTA compliant - Page Q-30