STRAIN-RELIEF GRIPS



WOODHEAD® HEAVY-DUTY GRIPS PROVIDE STRAIN RELIEF FOR CORDS AND FLEXIBLE CONDUIT ON PLUGS, CONNECTORS, PUSH-BUTTON STATIONS, ENCLOSURES, AND PENDANT OR HANGING BOXES USED ON PORTABLE EQUIPMENT FOR COMMERCIAL, INSTITUTIONAL AND INDUSTRIAL APPLICATIONS

Plugs, connectors, and boxes/enclosures in harsh areas demand strain relief for optimal performance. Woodhead grips reduce arc bend, assist in the load support of a hanging box, and help to prevent pullout. Woodhead offers a solution for both standard and wet-location environments to ensure maximum life. Deluxe cord grips feature an aluminum body integrated with a stainless steel mesh. Non-metallic Max-Loc® grips are available with an O-ring and stainless steel or non-metallic mesh and are suitable for wet locations. Stainless steel Max-Loc fittings and wire mesh assemblies offer the greatest impact and chemical resistance to be applied in food processing, dairy, aerospace and clean room environments.

FEATURES AND BENEFITS

Full-diameter cord range	Allows grips for any cord size for customer convenience
Threaded-style bodies available in stainless steel and non-metallic	Ensures environmental compatibility
Threaded-style bodies available in a full range of sizes	Provides customer product flexibility

APPLICATIONS

- Electricians
- HVAC contractors
- Irrigation equipment
- Panel builders

Strain Relief
Dust-Tight, Wide Range
Aluminum Body
Galvanized Steel Mesh
Straight Male
Insulated Bushing



Features and Benefits

- Wide diameter range and general purpose character accommodate many applications including electrical boxes and enclosures, machine tools and bus drops
- Galvanized Steel mesh construction provides great strength
- Insulated throat provides conductor protection upon flexing and wire entry/exit

Reference Information

UL File No.: E76954
CSA File No.: LR32159

Physical

Threaded Body: Aluminum
Nut: Zinc-plated Steel
Mesh Collar: Zinc-plated Steel and Aluminum
Dust Seal Gasket: Neoprene
Mesh Material: Galvanized Steel
Insulating bushing: Thermoplastic
Weave Type: Single weave mesh

Environmental

Rating: Dust-tight, general purpose

Thread Size	Cable Diameter	Mesh Length	Woodhead No.	Order No.
½" NPT	5.59–8.13mm (.22–.32")	0.083m 3.250"	36501	130097-0256
½" NPT	7.62–10.92mm (.30–.43")	0.095m 3.750"	36503	130097-0258
½" NPT	10.16–13.72mm (.40–.54")	0.121m 4.750"	36505	130097-0260
¾" NPT	13.21–18.54mm (.52–.73")	0.146m 5.750"	36508	130097-0262
1" NPT	17.78–24.64mm (.70–.97")	0.178m 7.000"	36512	130097-0265
1¼" NPT	23.88–31.75mm (.94–1.25")	0.229m 9.000"	36515	130097-0269
1½" NPT	30.48–38.10mm (1.20–1.50")	0.298m 11.750"	36516	130097-0271
2" NPT	35.56–44.45mm (1.40–1.75")	0.337m 13.250"	36517	130097-0272
2½" NPT	41.15–50.80mm (1.62–2.00")	0.343m 13.500"	36518	130097-0273
2½" NPT	50.80–62.23mm (2.00–2.45")	0.349m 13.750"	36519	130097-0274

Strain Relief
Deluxe Cord Grip
Aluminum Body
Stainless Steel Mesh
½" NPT

Features and Benefits
- Aluminum/Stainless Steel material construction performs well to resist corrosion
- 50% double weave construction improves cable protection and pull-out resistance
- Robust design good for indoor and outdoor use

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Threaded Body, Compression Nut, Mesh Collar: Aluminum
Grommet: Rubber
Friction Ring: Zinc-plated Steel
Mesh Material: Stainless Steel
Weave Type: Half double and half single weave mesh

Environmental
NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box
Hazardous Location Ratings:
Class I, Division 2
Class II, Division 1 and 2
Class III, Division 1 and 2






Cable Diameter	Form Size	Straight Male		Straight Female		Right Angle Male		45° Angle Male	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
4.75–6.35mm (.187–.250")	F2	36250	130097-0160	36280	130097-0184	36340	130097-0210	36310	130097-0197
6.35–9.53mm (.250–.375")		36251	130097-0161	36282	130097-0185	36342	130097-0211	36312	130097-0198
9.53–12.70mm (.375–.500")		36254	130097-0163	36284	130097-0186	36344	130097-0212	36314	130097-0199
12.70–15.88mm (.500–.625")		36256	130097-0165	36286	130097-0187	36346	130097-0213	36316	130097-0200
15.88–19.05mm (.625–.750")	F3	36245	130097-0156						
19.05–22.23mm (.750–.875")		36246	130097-0157						

Note: See Technical Section for compnent details

Strain Relief
Deluxe Cord Grip
Aluminum Body
Stainless Steel Mesh
¾" NPT



Features and Benefits
- Aluminum/Stainless Steel material construction performs well to resist corrosion
- 50% double weave construction improves cable protection and pull-out resistance
- Robust design good for indoor and outdoor use

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Threaded Body, Compression Nut, Mesh Collar: Aluminum
Grommet: Rubber
Friction Ring: Zinc-plated Steel
Mesh Material: Stainless Steel
Weave Type: Half double and half single weave mesh

Environmental
NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box
Hazardous Location Ratings:
Class I, Division 2
Class II, Division 1 and 2
Class III, Division 1 and 2

Straight Male

Cable Diameter	Form Size	Woodhead No.	Order No.
6.35–9.53mm (.250–.375")	F2	36257	130097-0166
9.53–12.70mm (.375–.500")		36259	130097-0167
12.70–15.88mm (.500–.625")	F3	36261	130097-0168
15.88–19.05mm (.625–.750")		36263	130097-0170
19.05–22.23mm (.750–.875")		36248	130097-0158



Straight Female

Cable Diameter	Form Size	Woodhead No.	Order No.
6.35–9.53mm (.250–.375")	F2	36290	130097-0191
9.53–12.70mm (.375–.500")		36292	130097-0627
12.70–15.88mm (.500–.625")		36294	130097-0192
15.93–19.05mm (.627–.750")	F3	36296	130097-0496



Right Angle Male

Cable Diameter	Form Size	Woodhead No.	Order No.
6.35–9.53mm (.250–.375")	F3	36347	130097-0214
9.53–12.70mm (.375–.500")		36349	130097-0215
12.70–15.88mm (.500–.625")		36351	130097-0216
15.88–19.05mm (.625–.750")		36353	130097-0217



45° Angle Male

Cable Diameter	Form Size	Woodhead No.	Order No.
6.35–9.53mm (.250–.375")	F3	36317	130097-0201
9.53–12.70mm (.375–.500")		36319	130097-0202
12.70–15.88mm (.500–.625")		36321	130097-0203
15.88–19.05mm (.625–.750")		36323	130097-0204

Note: See Technical Section for compnent details

Strain Relief Deluxe Cord Grip
Aluminum Body
Stainless Steel Mesh
1" NPT

Features and Benefits
- Aluminum/Stainless Steel material construction performs well to resist corrosion
- 50% double weave construction improves cable protection and pull-out resistance
- Robust design good for indoor and outdoor use

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Threaded Body, Compression Nut, Mesh Collar: Aluminum
Grommet: Rubber
Friction Ring: Zinc-plated Steel
Mesh Material: Stainless Steel
Weave Type: Half double and half single weave mesh

Environmental
NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box
Hazardous Location Ratings:
Class I, Division 2
Class II, Division 1 and 2
Class III, Division 1 and 2



Cable Diameter	Form Size	Straight Male		Straight Female		Right Angle Male		45° Angle Male	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
11.10–14.27mm (.437–.562")	F4					36829	130097-0295	36826	130097-0629
11.10–14.40mm (.437–.567")		36249	130097-0159	36818	130097-0293				
14.27–17.45mm (.562–.687")						36830	130097-0296	36827	130097-0294
14.40–17.45mm (.567–.687")		36275	130097-0179	36819	130097-0628				
15.88–19.05mm (.625–.750")		36265	130097-0171	36298	130097-0193	36355	130097-0218	36326	130097-0205
19.05–22.23mm (.750–.875")		36267	130097-0172	36300	130097-0194	36357	130097-0219	36328	130097-0206
22.23–25.40mm (.875–1.000")		36269	130097-0173	36302	130097-0195	36359	130097-0220	36330	130097-0207
25.40–28.58mm (1.000–1.125")	F5	36270	130097-0174						
28.58–31.75mm (1.125–1.250")		36276	130097-0180						

Note: See Technical Section for compnent details

Strain Relief Deluxe Cord Grip
Aluminum Body
Stainless Steel Mesh
1¼" NPT

Features and Benefits
- Aluminum/Stainless Steel material construction performs well to resist corrosion
- 50% double weave construction improves cable protection and pull-out resistance
- Robust design good for indoor and outdoor use

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Threaded Body, Compression Nut, Mesh Collar: Aluminum
Grommet: Rubber
Friction Ring: Zinc-plated Steel
Mesh Material: Stainless Steel
Weave Type: Half double and half single weave mesh

Environmental
NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box
Hazardous Location Ratings:
Class I, Division 2
Class II, Division 1 and 2
Class III, Division 1 and 2



Cable Diameter	Form Size	Straight Male		Right Angle Male	
		Woodhead No.	Order No.	Woodhead No.	Order No.
19.05–22.23mm (.750–.875")	F5	36277	130097-0181	36831	130097-0297
22.23–25.40mm (.875–1.000")		36271	130097-0175	36361	130097-0221
25.40–28.58mm (1.000–1.125")		36272	130097-0176	36362	130097-0222
28.58–31.75mm (1.125–1.250")		36273	130097-0177	36363	130097-0223
31.75–34.93mm (1.250–1.375")		36274	130097-0178	36364	130097-0224

Note: See Technical Section for compnent details

Strain Relief Deluxe Cord Grip
Aluminum Body
Stainless Steel Mesh
1½" NPT

Features and Benefits
- Aluminum/Stainless Steel material construction performs well to resist corrosion
- 50% double weave construction improves cable protection and pull-out resistance
- Robust design good for indoor and outdoor use

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Threaded Body, Compression Nut, Mesh Collar: Aluminum
Grommet: Rubber
Friction Ring: Zinc-plated Steel
Mesh Material: Stainless Steel
Weave Type: Half double and half single weave mesh

Environmental
NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box
Hazardous Location Ratings:
Class I, Division 2
Class II, Division 1 and 2
Class III, Division 1 and 2




Cable Diameter	Form Size	Straight Male		Right Angle Male	
		Woodhead No.	Order No.	Woodhead No.	Order No.
19.05–22.23mm (.750–.875")	F5	36278	130097-0182		
22.23–25.40mm (.875–1.000")		36475	130097-0235	36470	130097-0231
25.40–28.58mm (1.000–1.125")		36476	130097-0236	36471	130097-0232
28.58–31.75mm (1.125–1.250")		36477	130097-0237	36472	130097-0233
31.75–34.93mm (1.250–1.375")		36478	130097-0238	36473	130097-0234
33.32–36.50mm (1.312–1.437")	F6	36479	130097-0239		
36.50–39.67mm (1.437–1.562")		36480	130097-0240		
39.63–42.67mm (1.560–1.680")		36481	130097-0241		
42.67–45.97mm (1.680–1.810")		36482	130097-0242		
44.45–47.50mm (1.750–1.870")		36483	130097-0243		

Note: See Technical Section for compnent details

Strain Relief Deluxe Cord Grip
Aluminum Body
Stainless Steel Mesh
2" NPT

Features and Benefits
- Aluminum/Stainless Steel material construction performs well to resist corrosion
- 50% double weave construction improves cable protection and pull-out resistance
- Robust design good for indoor and outdoor use

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Threaded Body, Compression Nut, Mesh Collar: Aluminum
Grommet: Rubber
Friction Ring: Zinc-plated Steel
Mesh Material: Stainless Steel
Weave Type: Half double and half single weave mesh

Environmental
NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box
Hazardous Location Ratings:
Class I, Division 2
Class II, Division 1 and 2
Class III, Division 1 and 2




Cable Diameter	Form Size	Straight Male		Right Angle Male	
		Woodhead No.	Order No.	Woodhead No.	Order No.
31.75–34.93mm (1.250–1.375")	F6	36484	130097-0244		
33.32–36.50mm (1.312–1.437")		36279	130097-0183		
36.50–39.67mm (1.437–1.562")		36485	130097-0245	36497	130097-0252
39.63–42.67mm (1.560–1.680")		36486	130097-0246	36498	130097-0253
42.67–45.97mm (1.680–1.810")		36487	130097-0247	36499	130097-0254
44.45–47.63mm (1.750–1.875")		36488	130097-0248	36500	130097-0255
46.02–49.20mm (1.812–1.937")	F7	36489	130097-0249		
49.20–52.37mm (1.937–2.062")		36816	130097-0292		
52.37–55.55mm (2.062–2.187")		36287	130097-0188		
55.55–58.72mm (2.187–2.312")		36288	130097-0189		
58.72–61.90mm (2.312–2.437")		36289	130097-0190		

Note: See Technical Section for compnent details

Strain Relief
Deluxe Cord Grip
Aluminum Body
Stainless Steel Mesh
2½" NPT and 3" NPT



Features and Benefits

- Aluminum/Stainless Steel material construction performs well to resist corrosion
- 50% double weave construction improves cable protection and pull-out resistance
- Robust design good for indoor and outdoor use

Reference Information

UL File No.: E76954
CSA File No.: LR32159

Physical

Threaded Body, Compression Nut, Mesh Collar: Aluminum
Grommet: Rubber
Friction Ring: Zinc-plated Steel
Mesh Material: Stainless Steel
Weave Type: Half double and half single weave mesh

Environmental

NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box
Hazardous Location Ratings:
Class I, Division 2
Class II, Division 1 and 2
Class III, Division 1 and 2

2½" NPT, Straight Male

Cable Diameter	Form Size	Woodhead No.	Order No.
42.85–46.02mm (1.687–1.812")	F7	36800	130097-0276
46.02–49.20mm (1.812–1.937")		36801	130097-0277
49.20–52.37mm (1.937–2.062")		36802	130097-0278
52.37–55.55mm (2.062–2.187")		36803	130097-0279
55.55–58.72mm (2.187–2.312")		36804	130097-0280
58.72–61.90mm (2.312–2.437")		36805	130097-0281



3" NPT, Straight Male

Cable Diameter	Form Size	Woodhead No.	Order No.
42.88–46.02mm (1.688–1.812")	F8	36806	130097-0282
46.02–49.20mm (1.812–1.937")		36807	130097-0283
49.20–52.37mm (1.937–2.062")		36808	130097-0284
52.37–55.55mm (2.062–2.187")		36809	130097-0285
55.55–58.72mm (2.187–2.312")		36810	130097-0286
58.72–61.90mm (2.312–2.437")		36811	130097-0287
61.90–66.68mm (2.437–2.625")		36812	130097-0288
66.68–71.42mm (2.625–2.812")		36813	130097-0289
71.42–76.20mm (2.812–3.000")		36814	130097-0290
76.20–82.55mm (3.000–3.250")		36815	130097-0291

Note: See Technical Section for compnent details

Strain Relief Grips
MAX-LOC® Cord Seal
Straight Male
¼" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954

Physical
Compression Nut Form Size: 0
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.
1.91–3.43mm (.075–.135")	Black	5398†	130098-0024	00-0920	130180-0335
3.43–5.08mm (.135–.200")	Gray	5400	130098-0025	00-0921	130180-0336
5.08–6.73mm (.200–.265")	Green	5402†	130098-0026	00-0922	130180-0337

* See MAX-LOC Accessories if o-ring or locknut is required
† UL unattainable
‡ Cable jacket may need to be stripped for clearance

Strain Relief Grips
MAX-LOC® Cord Seal
Straight Male
⅜" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 1
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.
3.18–4.75mm (.125–.187")	Yellow	5500	130098-0027	00-4960	130180-0398
4.75–6.35mm (.187–.250")	Orange	5502	130098-0029	00-4961	130180-0399
6.35–7.93mm (.250–.312")	Black	5504	130098-0031	00-4962	130180-0186
7.93–9.53mm (.312–.375")	Gray	5506	130098-0032	00-4963	130180-0163
9.53–11.10mm (.375–.437")	Green	5508†	130098-0034	00-4964	130180-0400

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

Strain Relief Grips
MAX-LOC® Cord Seal
Straight Male
½" NPT



Features and Benefits

- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range
- Available Stainless Steel mesh yields high strength, corrosion resistance and slight conductivity
- Available non-metallic mesh yields moderate strength, corrosion resistance, great flexibility and no conductivity

Reference Information

UL File No.: E76954
CSA File No.: LR32159

Physical

Compression Nut Form Size: 2
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel
Weave Type: Half double weave, half single weave mesh

Environmental

Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Without Mesh

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
1.57–3.18mm (.062–.125")	Black	5518†	130098-0036	5518W*	130098-0038	00-4978	130180-0405
3.18–4.75mm (.125–.187")	Yellow	5520	130098-0041	5520W	130098-0043	00-4970	130180-0401
4.75–6.35mm (.187–.250")	Orange	5522	130098-0046	5522W	130098-0049	00-4971	130180-0402
6.35–7.93mm (.250–.312")	Black	5524	130098-0052	5524W	130098-0056	00-4972	130180-0403
7.93–9.53mm (.312–.375")	Gray	5526	130098-0061	5526W	130098-0064	00-5263	130180-0286
9.53–11.10mm (.375–.437")	Green	5528	130098-0069	5528W	130098-0071	00-5264	130180-0287
11.10–12.70mm (.437–.500")	Orange	5530	130098-0076	5530W	130098-0078	00-4975	130180-0404
12.70–14.27mm (.500–.562")	Black	5532‡	130098-0082	5532W‡	130098-0086	00-5266	130180-0288
14.27–15.88mm (.562–.625")	Gray	5534‡	130097-0327	5534W‡	130098-0092	00-5267	130180-0289

* See MAX-LOC Accessories if o-ring or locknut is required
† UL unattainable
‡ Cable jacket may need to be stripped for clearance



With Mesh

Cable Diameter	Grommet Color	Stainless Steel Mesh Without O-Ring/Locknut*		Non-Metalllic Mesh Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
4.75–6.35mm (.187–.250")	Orange	5522M	130099-0068	5522NM	130099-0069	00-4971	130180-0402
6.35–7.93mm (.250–.312")	Black	5524M	130099-0072	5524NM	130099-0073	00-4972	130180-0403
7.93–9.53mm (.312–.375")	Gray	5526M	130099-0076	5526NM	130099-0077	00-5263	130180-0286
9.53–11.10mm (.375–.437")	Green	5528M	130099-0080	5528NM	130099-0081	00-5264	130180-0287
11.10–12.70mm (.437–.500")	Orange	5530M	130099-0084	5530NM	130099-0085	00-4975	130180-0404
12.70–14.27mm (.500–.562")	Black	5532M†	130099-0088			00-5266	130180-0288
14.27–15.88mm (.562–.625")	Gray	5534M†	130099-0090			00-5267	130180-0289

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

Strain Relief Grips
Black MAX-LOC® Cord Seal
Straight Male
½" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Black nylon body is resistant to impact, corrosion and UV/Sunlight
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 2
Black Cord Grip Body and Compression Nut: Valox*
Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring
Stability: UV resistant

* Trademark of SABIC Innovative Plastics IP BV

Cable Diameter	Grommet Color	With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.
6.35–9.53mm (.250–.375")	Black	5524WBLK	130098-0057	00-4972	130180-0403
7.93–9.53mm (.312–.375")	Gray	5526WBLK	130098-0065	00-5263	130180-0286
9.53–11.10mm (.375–.437")	Green	5528WBLK	130098-0072	00-5264	130180-0287
11.10–12.70mm (.437–.500")	Orange	5530WBLK	130098-0079	00-4975	130180-0404
12.70–14.27mm (.500–.562")	Black	5532WBLK†	130098-0087	00-5266	130180-0288

† Cable jacket may need to be stripped for clearance

Strain Relief Grips
MAX-LOC® Cord Seal
Specialty
Multi-Hole or Oval Hole
½" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Gray nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 2
Gray Cord Grip Body and Compression Nut,
Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Straight Male Multi-Hole

Cable Diameter	Number of Holes	Grommet Color	Without O-Ring/Locknut		With O-Ring/Locknut		Replacement Grommet	
			Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
3.96mm (.156")	2, 3, or 4*	Orange	5594-007	130098-0202	5594-007W	130098-0203	00-1924	130180-0318
4.75mm (.187")	2, 3, 4, 5, 6, or 7*	Yellow	5594-008	130098-0204	5594-008W	130098-0205	00-1925	130180-0319
5.72mm (.225")	2, 3, or 4*	Black	5594-004	130098-0195	5594-004W	130098-0196	00-1921	130180-0315
6.35mm (.250")	2 or 3*	Gray	5594-005	130098-0197	5594-005W	130098-0198	00-1922	130180-0316
7.37mm (.290")	2	Black	5594-006	130098-0199	5594-006W	130098-0200	00-1923	130180-0317

* Indicates one or more holes are covered by a thin membrane which can be easily be "poked" open if required



Oval Hole (UF Cable)

Cable Diameter	Straight Male without O-Ring/Locknut*		Straight Male with O-Ring/Locknut		Replacement Grommet	
	Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
5.54×10.69mm (.218×.421") Oval	5580	130098-0185	5580W	130098-0186	00-4940	130180-0392
5.54×16.26mm (.218×.640") Oval	5582	130098-0188	5582W	130098-0189	00-4941	130180-0393

* See MAX-LOC Accessories if o-ring or locknut is required

Strain Relief Grips
MAX-LOC® Cord Seal
Straight Male
¾" NPT



Features and Benefits

- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range
- Available Stainless Steel mesh yields high strength, corrosion resistance and slight conductivity
- Available non-metallic mesh yields moderate strength, corrosion resistance, great flexibility and no conductivity

Reference Information

UL File No.: E76954
CSA File No.: LR32159

Physical

Compression Nut Form Size: 3
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel
Weave Type: Half double weave, half single weave mesh

Environmental

Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Without Mesh

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
4.75–6.35mm (.187–.250")	Orange	5620	130098-0235	5620W	130098-0215	00-4985	130180-0407
6.35–9.53mm (.250–.375")	Gray	5622	130098-0236	5622W	130098-0221	00-4986	130180-0408
9.53–11.10mm (.375–.437")	Green	5624	130098-0225	5624W	130098-0227	00-4987	130180-0409
11.10–14.27mm (.437–.562")	Black	5536	130098-0096	5536W	130098-0099	00-4980	130180-0278
12.70–15.88mm (.500–.625")	Gray	5538	130098-0103	5538W	130098-0107	00-4981	130180-0279
14.27–17.45mm (.562–.687")	Green	5540	130098-0112	5540W	130098-0114	00-4982	130180-0280
15.88–19.05mm (.625–.750")	Orange	5542	130098-0118	5542W	130098-0121	00-4983	130180-0281
17.45–20.62mm (.687–.812")	Yellow	5544†	130098-0126	5544W†	130098-0129	00-4984	130180-0406

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance



With Mesh

Cable Diameter	Grommet Color	Stainless Steel Mesh Without O-Ring/Locknut*		Non-Metallic Mesh Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
4.75–6.35mm (.187–.250")	Orange	5620M	130099-0153	5620NM	130099-0154	00-4985	130180-0407
6.35–9.53mm (.250–.375")	Gray	5622M	130099-0157	5622NM	130099-0158	00-4986	130180-0408
9.53–11.10mm (.375–.437")	Green	5624M	130099-0161	5624NM	130099-0162	00-4987	130180-0409
11.10–14.27mm (.437–.562")	Black	5536M	130099-0092	5536NM	130099-0093	00-4980	130180-0278
12.70–15.88mm (.500–.625")	Gray	5538M	130099-0096	5538NM	130099-0097	00-4981	130180-0279
14.27–17.45mm (.562–.687")	Green	5540M	130099-0100	5540NM	130099-0101	00-4982	130180-0280
15.88–19.05mm (.625–.750")	Orange	5542M	130099-0104	5542NM	130099-0105	00-4983	130180-0281
17.45–20.62mm (.687–.812")	Yellow	5544M†	130099-0108			00-4984	130180-0406

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

Strain Relief Grips
MAX-LOC® Cord Seal
Black Straight Male Single Hole
Special Gray Straight Male
Oval (UF cable)
¾" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Gray nylon body is resistant to impact and corrosion
- Black nylon body is resistant to impact, corrosion and UV/Sunlight
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 3
Black Cord Grip Body and Compression Nut: Valox*
Gray Cord Grip Body and
Compression Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring
Stability: UV resistant (Black nylon)

* Trademark of SABIC Innovative Plastics IP BV

Black, Standard Cable

Cable Diameter	Grommet Color	With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.
4.75–6.35mm (.187–.250")	Orange	5620WBLK	130098-0216	00-4985	130180-0407
6.35–9.53mm (.250–.375")	Gray	5622WBLK	130098-0222	00-4986	130180-0408
9.53–11.10mm (.375–.437")	Green	5624WBLK	130098-0228	00-4987	130180-0409
11.10–14.27mm (.437–.562")	Black	5536WBLK	130098-0100	00-4980	130180-0278
12.70–15.88mm (.500–.625")	Gray	5538WBLK	130098-0108	00-4981	130180-0279
14.27–17.45mm (.562–.687")	Green	5540WBLK	130098-0115	00-4982	130180-0280
15.88–19.05mm (.625–.750")	Orange	5542WBLK	130098-0122	00-4983	130180-0281



Oval (UF Cable)

Cable Diameter	Straight Male		Replacement Grommet	
	Woodhead No.	Order No.	Woodhead No.	Order No.
5.54×10.69mm (.218×.421") Oval	5584	130098-0191	00-4950	130180-0395
5.54×16.26mm (.218×.640") Oval	5586	130098-0192	00-4951	130180-0396

Strain Relief Grips
MAX-LOC® Cord Seal
Straight Male
1" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range
- Available Stainless Steel mesh yields high strength, corrosion resistance and slight conductivity
- Available non-metallic mesh yields moderate strength, corrosion resistance, great flexibility and no conductivity

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 4
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel
Weave Type: Half double weave, half single weave mesh

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Without Mesh

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
11.10–14.27mm (.437–.562")	Black	5546	130098-0132	5546W	130098-0133	00-4990	130180-0410
12.70–15.88mm (.500–.625")	Gray	5548	130098-0136	5548W	130098-0137	00-4991	130180-0411
14.27–17.45mm (.562–.687")	Green	5550	130098-0139	5550W	130098-0141	00-4992	130180-0282
15.88–19.05mm (.625–.750")	Orange	5552	130098-0143	5552W	130098-0146	00-4993	130180-0283
17.45–20.62mm (.687–.812")	Yellow	5554	130098-0150	5554W	130098-0151	00-4994	130180-0412
19.05–22.23mm (.750–.875")	Black	5556	130098-0155	5556W	130098-0157	00-4995	130180-0413
20.62–23.80mm (.812–.937")	Gray	5558	130098-0161	5558W	130098-0164	00-4996	130180-0284
22.23–25.40mm (.875–1.000")	Green	5560	130098-0166	5560W	130098-0167	00-4997	130180-0414
25.40–28.58mm (1.000–1.125")	Black	5562†	130098-0171	5562W†	130098-0172	00-4998	130180-0285



With Mesh

Cable Diameter	Grommet Color	Stainless Steel Mesh Without O-Ring/Locknut*		Non-Metallic Mesh Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
11.10–14.27mm (.437–.562")	Black	5546M	130099-0110	5546NM	130099-0111	00-4990	130180-0410
12.70–15.88mm (.500–.625")	Gray	5548M	130099-0113	5548NM	130099-0114	00-4991	130180-0411
14.27–17.45mm (.562–.687")	Green	5550M	130099-0116	5550NM	130099-0117	00-4992	130180-0282
15.88–19.05mm (.625–.750")	Orange	5552M	130099-0119	5552NM	130099-0120	00-4993	130180-0283
17.45–20.62mm (.687–.812")	Yellow	5554M	130099-0123	5554NM	130099-0124	00-4994	130180-0412
19.05–22.23mm (.750–.875")	Black	5556M	130099-0127	5556NM	130099-0128	00-4995	130180-0413
20.62–23.80mm (.812–.937")	Gray	5558M	130099-0131	5558NM	130099-0132	00-4996	130180-0284
22.23–25.40mm (.875–1.000")	Green	5560M	130099-0134	5560NM†	130099-0135	00-4997	130180-0414

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

Strain Relief Grips
Black MAX-LOC® Cord Seal
Straight Male
1" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Black nylon body is resistant to impact, corrosion and UV/Sunlight
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 4
Black Cord Grip Body and Compression Nut: Valox*
Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring
Stability: UV resistant

* Trademark of SABIC Innovative Plastics IP BV

Cable Diameter	Grommet Color	With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.
15.88–19.05mm (.625–.750")	Orange	5552WBLK	130098-0147	00-4993	130180-0283
17.45–20.62mm (.687–.812")	Yellow	5554WBLK	130098-0152	00-4994	130180-0412
19.05–22.23mm (.750–.875")	Black	5556WBLK	130098-0158	00-4995	130180-0413
20.62–23.80mm (.812–.937")	Gray	5558WBLK	130098-0429	00-4996	130180-0284
22.23–25.40mm (.875–1.000")	Green	5560WBLK	130098-0168	00-4997	130180-0414

Strain Relief Grips
MAX-LOC® Cord Seal
Straight Male
1¼" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 5
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.
19.05–22.23mm (.750–.875")	Orange	5568	130098-0174	00-5070	130180-0308
22.23–25.40mm (.875–1.000")	Yellow	5570	130098-0176	00-5071	130180-0309
25.40–28.58mm (1.000–1.125")	Black	5572	130098-0178	00-5072	130180-0310
28.58–31.75mm (1.125–1.250")	Green	5574	130098-0180	00-5073	130180-0311
31.75–34.42mm (1.250–1.355")	Gray	5576†	130098-0182	00-5074	130180-0312

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

Strain Relief Grips
MAX-LOC® Cord Seal
Right Angle Male
3/8" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 1
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.
3.18–4.75mm (.125–.187")	Yellow	5501	130098-0028	00-4960	130180-0398
4.75–6.35mm (.187–.250")	Orange	5503	130098-0030	00-4961	130180-0399
6.35–7.92mm (.250–.312")	Black	5505	130098-0425	00-4962	130180-0186
7.92–9.53mm (.312–.375")	Gray	5507	130098-0033	00-4963	130180-0163
9.53–11.10mm (.375–.437")	Green	5509†	130098-0035	00-4964	130180-0400

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

Strain Relief Grips
MAX-LOC® Cord Seal
Right Angle Male
1/2" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range
- Available Stainless Steel mesh yields high strength, corrosion resistance and slight conductivity
- Available non-metallic mesh yields moderate strength, corrosion resistance, great flexibility and no conductivity

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 2
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel
Weave Type: Half double weave, half single weave mesh

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Without Mesh

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
1.57–3.18mm (.062–.125")	Black	5519‡	130098-0039	5519W‡	130098-0040	00-4978	130180-0405
3.18–4.75mm (.125–.187")	Yellow	5521	130098-0044	5521W	130098-0045	00-4970	130180-0401
4.75–6.35mm (.187–.250")	Orange	5523	130098-0050	5523W	130098-0051	00-4971	130180-0402
6.35–7.93mm (.250–.312")	Black	5525	130098-0058	5525W	130098-0060	00-4972	130180-0403
7.93–9.53mm (.312–.375")	Gray	5527	130098-0066	5527W	130098-0068	00-5263	130180-0286
9.53–11.10mm (.375–.437")	Green	5529	130098-0073	5529W	130098-0075	00-5264	130180-0287
11.10–12.70mm (.437–.500")	Orange	5531	130098-0080	5531W	130098-0081	00-4975	130180-0404
12.70–14.27mm (.500–.562")	Black	5533†	130098-0089	5533W‡	130098-0090	00-5266	130180-0288
14.27–15.88mm (.562–.625")	Gray	5535†	130098-0093	5535W‡	130098-0095	00-5267	130180-0289



With Mesh

Cable Diameter	Grommet Color	Stainless Steel Mesh Without O-Ring/Locknut*		Non-Metallic Mesh Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
4.75–6.35mm (.187–.250")	Orange	5523M	130099-0070	5523NM	130099-0071	00-4971	130180-0402
6.35–7.93mm (.250–.312")	Black	5525M	130099-0074	5525NM	130099-0075	00-4985	130180-0407
7.93–9.53mm (.312–.375")	Gray	5527M	130099-0078	5527NM	130099-0079	00-5263	130180-0286
9.53–11.10mm (.375–.437")	Green	5529M	130099-0082	5529NM	130099-0083	00-5264	130180-0287
11.10–12.70mm (.437–.500")	Orange	5531M	130099-0086	5531NM	130099-0087	00-4975	130180-0404
12.70–14.27mm (.500–.562")	Black	5533M†	130099-0089			00-5266	130180-0288
14.27–15.88mm (.562–.625")	Gray	5535M†	130099-0091			00-5267	130180-0289

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance
‡ UL unattainable

Strain Relief Grips
MAX-LOC® Cord Seal
Right Angle Male
Specialty
Multi-Hole
½" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Gray nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 2
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Cable Diameter	No. of Holes	Grommet Color	Without O-Ring/Locknut*		With O-Ring/Locknut		Replacement Grommet	
			Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
3.96mm (.156")	2, 3, or 4	Orange			5595-007W	130098-0238	00-1924	130180-0318
4.75mm (.187")	2, 3, 4, 5, 6, or 7	Yellow	5595-008	130098-0212	5595-008W	130098-0213	00-1925	130180-0319
5.72mm (.225")	2, 3, or 4	Black	5595-004	130098-0207	5595-004W	130098-0208	00-1921	130180-0315
6.35mm (.250")	2 or 3	Gray			5595-005W	130098-0210	00-1922	130180-0316
7.37mm (.290")	2	Black			5595-006W	130098-0241	00-1923	130180-0317



Oval Hole (UF Cable)

Cable Diameter	Right Angle Male Without O-Ring/Locknut*		Replacement Grommet	
	Woodhead No.	Order No.	Woodhead No.	Order No.
5.54×10.69mm (.218×.421") Oval	5581	130098-0187	00-4940	130180-0392
5.54×16.26mm (.218×.640") Oval	5583	130098-0190	00-4941	130180-0393

* See MAX-LOC Accessories if o-ring or locknut is required

Strain Relief Grips
MAX-LOC® Cord Seal
Right Angle Male
¾" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range
- Available Stainless Steel mesh yields high strength, corrosion resistance and slight conductivity
- Available non-metallic mesh yields moderate strength, corrosion resistance, great flexibility and no conductivity
- Multi-hole available to accommodate a wide application range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 3
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel
Weave Type: Half double weave, half single weave mesh

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Without Mesh

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
4.75–6.35mm (.187–.250")	Orange	5621	130098-0217	5621W	130098-0218	00-4985	130180-0407
6.35–9.53mm (.250–.375")	Gray	5623	130098-0223	5623W	130098-0224	00-4986	130180-0408
9.53–11.10mm (.375–.437")	Green	5625	130098-0229	5625W	130098-0230	00-4987	130180-0409
11.10–14.27mm (.437–.562")	Black	5537	130098-0101	5537W	130098-0102	00-4980	130180-0278
12.70–15.88mm (.500–.625")	Gray	5539	130098-0109	5539W	130098-0111	00-4981	130180-0279
14.27–17.45mm (.562–.687")	Green	5541	130098-0116	5541W	130098-0117	00-4982	130180-0280
15.88–19.05mm (.625–.750")	Orange	5543	130098-0123	5543W	130098-0125	00-4983	130180-0281
17.45–20.62mm (.687–.812")	Yellow	5545†	130098-0130	5545W†	130098-0131	00-4984	130180-0406



With Mesh

Cable Diameter	Grommet Color	Stainless Steel Mesh Without O-Ring/Locknut*		Non Metalic Mesh Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
6.35–9.53mm (.250–.375")	Gray	5623M	130099-0159	5623NM	130099-0160	00-4986	130180-0408
9.53–11.10mm (.375–.437")	Green	5625M	130099-0227	5625NM	130099-0163	00-4987	130180-0409
11.10–14.27mm (.437–.562")	Black	5537M	130099-0094	5537NM	130099-0095	00-4980	130180-0278
12.70–15.88mm (.500–.625")	Gray	5539M	130099-0098	5539NM	130099-0099	00-4981	130180-0279
14.27–17.45mm (.562–.687")	Green	5541M	130099-0102	5641NM	130099-0103	00-4982	130180-0280
15.88–19.05mm (.625–.750")	Orange	5543M	130099-0106	5543NM	130099-0107	00-4983	130180-0281
17.45–20.62mm (.687–.812")	Yellow	5545M	130099-0109			00-4984	130180-0406



Oval Hole (UF Cable)

Cable Diameter	Right Angle Without O-Ring/Locknut*		Replacement Grommet	
	Woodhead No.	Order No.	Woodhead No.	Order No.
5.54×10.69mm (.218×.421") Oval	5585	130098-0239	00-4950	130180-0395
5.54×16.26mm (.218×.640") Oval	5587	130098-0193	00-4951	130180-0396

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

Strain Relief Grips
MAX-LOC® Cord Seal
Right Angle Male
1" NPT



Features and Benefits

- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range
- Available Stainless Steel mesh yields high strength, corrosion resistance and slight conductivity
- Available non-metallic mesh yields moderate strength, corrosion resistance, great flexibility and no conductivity

Reference Information

UL File No.: E76954
CSA File No.: LR32159

Physical

Compression Nut Form Size: 4
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber
O-Ring: Neoprene
Nut: Zinc-plated Steel
Weave Type: Half double weave, half single weave mesh

Environmental

Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Without Mesh

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		With O-Ring/Locknut		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
11.10–14.27mm (.437–.562")	Black	5547	130098-0134	5547W	130098-0135	00-4990	130180-0410
12.70–15.88mm (.500–.625")	Gray	5549	130098-0138			00-4991	130180-0411
14.27–17.45mm (.562–.687")	Green	5551	130098-0142			00-4992	130180-0282
15.88–19.05mm (.625–.750")	Orange	5553	130098-0148	5553W	130098-0149	00-4993	130180-0283
17.45–20.62mm (.687–.812")	Yellow	5555	130098-0153	5555W	130098-0154	00-4994	130180-0412
19.05–22.23mm (.750–.875")	Black	5557	130098-0159	5557W	130098-0160	00-4995	130180-0413
20.62–23.80mm (.812–.937")	Gray	5559	130098-0165			00-4996	130180-0284
22.23–25.40mm (.875–1.000")	Green	5561	130098-0169	5561W	130098-0170	00-4997	130180-0414
25.40–28.58mm (1.000–1.125")	Black	5563†	130098-0173			00-4998	130180-0285



With Mesh

Cable Diameter	Grommet Color	Stainless Steel Mesh Without O-Ring/Locknut*		Non-Metallic Mesh Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
11.10–14.27mm (.437–.562")	Black			5547NM	130099-0112	00-4990	130180-0410
12.70–15.88mm (.500–.625")	Gray			5549NM	130099-0115	00-4991	130180-0411
14.27–17.45mm (.562–.687")	Green	5551M	130099-0118			00-4992	130180-0282
15.88–19.05mm (.625–.750")	Orange	5553M	130099-0121	5553NM	130099-0122	00-4993	130180-0283
17.45–20.62mm (.687–.812")	Yellow	5555M	130099-0125	5555NM	130099-0126	00-4994	130180-0412
19.05–22.23mm (.750–.875")	Black	5557M	130099-0129	5557NM	130099-0130	00-4995	130180-0413
22.23–25.40mm (.875–1.000")	Green	5561M	130099-0136	5561NM	130099-0137	00-4997	130180-0414

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

Strain Relief Grips
MAX-LOC® Cord Seal
Right Angle Male
1¼" NPT



Features and Benefits
- Rugged construction suitable for boxes, cabinets, pushbutton and general use enclosures
- Nylon body is resistant to impact and corrosion
- Rubber grommet provides a liquid-tight seal and reduces cord pull-out
- Grommets are color-coded for easy identification
- Rubber grommet is best material to resist chemicals and handles a wide temperature range

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Compression Nut Form Size: 5
Gray Cord Grip Body and Compression Nut, Washer (white): Nylon
Grommet: Rubber

Environmental
Cord Seal: Liquid-tight
Rating: NEMA 6P when used with correct NPT-sized O-ring

Cable Diameter	Grommet Color	Without O-Ring/Locknut*		Replacement Grommet	
		Woodhead No.	Order No.	Woodhead No.	Order No.
19.05–22.23mm (.750–.875")	Orange	5569	130098-0175	00-5070	130180-0308
22.23–25.40mm (.875–1.000")	Yellow	5571	130098-0177	00-5071	130180-0309
25.40–28.58mm (1.000–1.125")	Black	5573	130098-0179	00-5072	130180-0310
28.58–31.75mm (1.125–1.250")	Green	5575	130098-0181	00-5073	130180-0311
31.75–34.42mm (1.250–1.355")	Gray	5577†	130098-0184	00-5074	130180-0312

* See MAX-LOC Accessories if o-ring or locknut is required
† Cable jacket may need to be stripped for clearance

MAX-LOC® Accessories

Physical
Nut: Zinc-plated Steel
Gasket Sealing Ring: Neoprene
O-Ring: Neoprene



Locknuts

Thread Size	Woodhead No.	Order No.
¼" NPT	5599	130099-0141
⅜" NPT	5600	130099-0142
½" NPT	5601	130099-0143
¾" NPT	5602	130099-0144
1" NPT	5603	130099-0145
1¼" NPT	5604	130099-0146



Sealing Rings/Gaskets for Deluxe and MAX-LOC Grips that do not come with O-ring

Thread Size	Woodhead No.	Order No.
¼" NPT	5609	130099-0147
⅜" NPT	5610	130099-0148
½" NPT	5611	130099-0149
¾" NPT	5612	130099-0150
1" NPT	5613	130099-0151
1¼" NPT	5614	130099-0152



O-Rings (Replacements for MAX-LOC)

Thread Size	Woodhead No.	Order No.
½" NPT	00-0820	130180-0314
¾" NPT	00-0822	130180-0333
1" NPT	00-0824	130180-0334

Strain Relief
Stainless Steel Grips
Stainless Steel Body with and without Stainless Steel Mesh
Straight Male

Features and Benefits
- Stainless Steel construction performs well to resist corrosion
- Body design features a recessed area to contain o-ring and keep intact for an optimum long-term seal
- Indoor and outdoor rated for use in a wide range of applications including marine and food processing

Reference Information
UL File No.: E76954
CSA File No.: LR32159

Physical
Threaded Body: Stainless Steel, type 303
Nut: Stainless Steel, type 303
Compression Ring: Polyethylene (included in non-mesh version)
Mesh Collars: Stainless Steel, type 303/304
Mesh Material: Stainless Steel
Weave Type: Half double weave, half single weave mesh

Environmental
NEMA Rating: Wet location suitable for NEMA 4 enclosures with O-ring (from MAX-LOC Accessories on page C-23) placed between fitting and box





½" NPT

Cable Diameter	Form Size	Without Stainless Steel Mesh		With Stainless Steel Mesh	
		Woodhead No.	Order No.	Woodhead No.	Order No.
1.52–3.30mm (.06–.13")	F2	5518SS*	130098-0037		
3.30–4.83mm (.13–.19")		5520SS	130098-0424		
4.83–6.35mm (.19–.25")		5522SS	130098-0048	5522MSS	130097-0321
6.35–7.87mm (.25–.31")		5524SS	130098-0055	5524MSS	130097-0322
7.87–9.65mm (.31–.38")		5526SS	130098-0063	5526MSS	130097-0323
9.65–11.18mm (.38–.44")		5528SS	130098-0070	5528MSS	130097-0324
11.18–12.70mm (.44–.50")		5530SS	130098-0077	5530MSS	130097-0325
12.70–14.22mm (.50–.56")		5532SS	130098-0085	5532MSS	130097-0326
14.22–16.00mm (.56–.63")		5534SS	130098-0243	5534MSS	130097-0328

¾" NPT

Cable Diameter	Form Size	Woodhead No.	Order No.	Woodhead No.	Order No.
6.35–9.65mm (.25–.38")	F3	5622SS	130098-0244	5622MSS	130097-0340
9.65–11.18mm (.38–.44")		5624SS	130098-0245	5624MSS	130097-0341
11.18–14.22mm (.44–.56")		5536SS	130098-0246	5536MSS	130097-0329
12.70–16.00mm (.50–.63")		5538SS	130098-0106	5538MSS	130097-0330
14.22–17.53mm (.56–.69")		5540SS	130098-0113	5540MSS	130097-0331
16.00–19.05mm (.63–.75")		5542SS	130098-0426	5542MSS	130097-0332
17.53–20.57mm (.69–.81")		5544SS	130098-0128	5544MSS	130097-0333

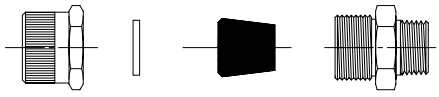
1" NPT

Cable Diameter	Form Size	Woodhead No.	Order No.	Woodhead No.	Order No.
11.18–14.22mm (.44–.56")	F4	5546SS	130098-0248	5546MSS	130097-0630
12.70–16.00mm (.50–.63")		5548SS	130098-0249	5548MSS	130097-0334
14.22–17.53mm (.56–.69")		5550SS	130098-0250	5550MSS	130097-0631
16.00–19.05mm (.63–.75")		5552SS	130098-0145	5552MSS	130097-0335
17.53–20.57mm (.69–.81")		5554SS	130098-0251	5554MSS	130097-0336
19.05–22.35mm (.75–.88")		5556SS	130098-0252	5556MSS	130097-0337
20.57–23.88mm (.81–.94")		5558SS	130098-0253	5558MSS	130097-0632
22.35–25.40mm (.88–1.00")		5560SS	130098-0254	5560MSS	130097-0338
25.40–27.94mm (1.00–1.10")		5562SS	130098-0255	5562MSS	130097-0633

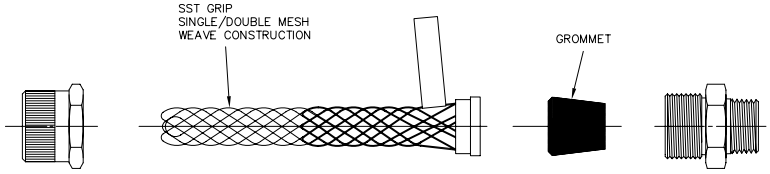
* UL unattainable

Technical Information

Straight Body



Straight Body with Stainless Steel Mesh Grip



Strain Relief Liquid-Tight Conduit

Malleable Iron or Zinc-Plated Steel Body Stainless Steel Mesh Insulated Throat

Features and Benefits

- Robust design works with Liquid-Tight conduit for flexible conduit including motor applications
- Stainless Steel mesh construction performs well to resist corrosion
- Insulated throat provides protection upon flexing, temperature change and wire entry/exit

Reference Information

UL File No.: E61303
CSA File No.: LR32159

Physical

Threaded Body: Malleable Iron or Zinc-plated Steel
Nut: Zinc-plated Steel
Mesh Collars: Zinc-plated Steel and Aluminum
Ferrule to Mate with Flexible Conduit: Aluminum
Gasket Sealing Ring: Neoprene
Mesh Material: Stainless Steel
Weave Type: Single weave mesh

Environmental

NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box

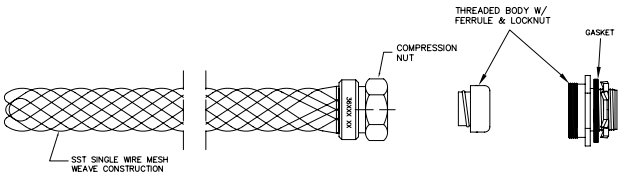




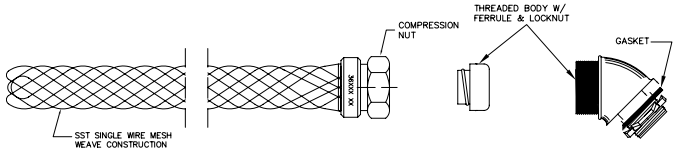

Conduit	NPT Fitting Size	Mesh Length	Straight Male		Right Angle Male		45° Male		Straight Female	
			Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.	Woodhead No.	Order No.
3/8"	1/2"	0.067m (2.625")	36440	130096-0056	36443	130096-0058				
1/2"	1/2"	0.098m (3.875")	36370	130096-0034	36400	130096-0050	36390	130096-0044	36380	130096-0041
3/4"	3/4"	0.111m (4.375")	36371	130096-0036	36401	130096-0051	36391	130096-0045	36381	130096-0042
1"	1"	0.133m (5.25")	36372	130096-0037	36402	130096-0052	36392	130096-0046	36382	130096-0043
1 1/4"	1 1/4"	0.143m (5.625")	36373	130096-0038	36403	130096-0053	36393	130096-0047		
1 1/2"	1 1/2"	0.146m (5.75")	36374	130096-0039	36404	130096-0054	36394	130096-0048		
2"	2"	0.191m (7.50")	36375	130096-0040	36405	130096-0055	36395	130096-0049		
2 1/2"	2 1/2"	0.244m (9.625")	37030	130096-0065						
3"	3"	0.270m (10.625")	37031	130096-0066						
4"	4"	0.305m (12.00")	37032	130096-0067						

Technical Information

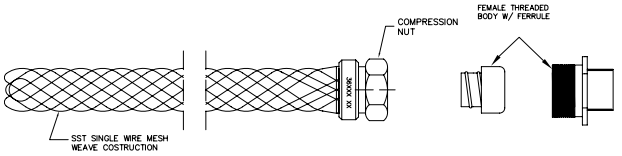
Straight Male



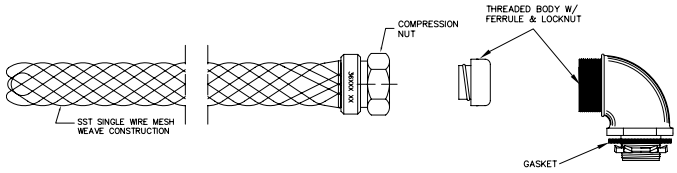
45° Male



Straight Female



90° Male



Strain Relief Liquid-Tight, Non-Metallic Conduit for UL Type "A" Flexible Conduit

Malleable Iron or Zinc-Plated Steel Body Stainless Steel Mesh

Features and Benefits

- Robust design works with Liquid-Tight non-metallic conduit including motor applications
- Stainless Steel mesh construction performs well to resist corrosion
- Insulated throat provides protection upon flexing, temperature change and wire entry/exit

Reference Information

UL File No.: E61303 (straight body only)

Physical

Threaded Body: Malleable Iron or Zinc-plated Steel
Nut: Zinc-plated Steel
Mesh Collars: Zinc-plated Steel and Aluminum
Ferrule to Mate with Flexible Conduit: Nylon
Mesh Material: Stainless Steel
Weave Type: Single weave mesh

Environmental

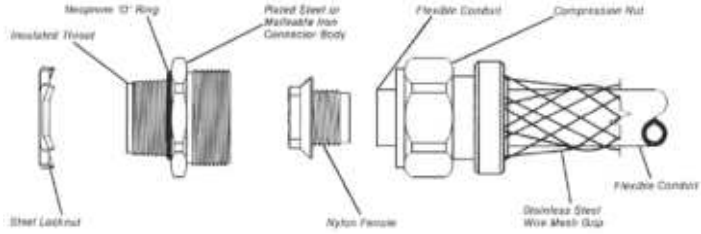
NEMA Rating: Wet location suitable for NEMA 4 enclosures with gasket placed between fitting and box





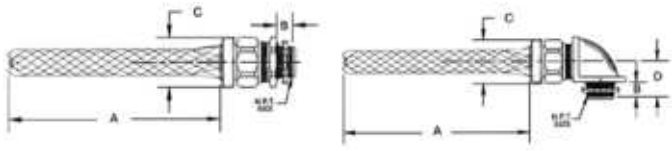
Conduit	NPT Fitting Size	Mesh Length	Straight Male		Right Angle Male	
			Woodhead No.	Order No.	Woodhead No.	Order No.
½"	½"	0.254m (10.0")	37101	130096-0069	37101-90	130096-0070
¾"	¾"	0.267m (10.5")	37102	130096-0071	37102-90	130096-0072
1"	1"	0.305m (12.0")	37103	130096-0073	37103-90	130096-0074
1¼"	1¼"	0.432m (17.0")	37104	130096-0075	37104-90	130096-0076
1½"	1½"	0.546m (21.5")	37105	130096-0077		
2"	2"	0.610m (24.0")	37106	130096-0079		

Technical Information



Ordering Information

NPT Trade Size	Straight Male Fitting		Right Angle Male Fitting	
	Woodhead No.	Order No.	Woodhead No.	Order No.
½"	37101	130096-0069	37101-90	130096-0070
¾"	37102	130096-0071	37102-90	130096-0072
1"	37103	130096-0073	37103-90	130096-0074
1¼"	37104	130096-0075	37104-90	130096-0076
1½"	37105	130096-0077	37105-90	130096-0078
2"	37106	130096-0079		



Dimensional Information

A	B	C	D
10"	19/32"	1 5/16"	1 9/32"
10½"	19/32"	1 3/8"	1 7/16"
12"	23/32"	1 15/16"	1 3/4"
17"	3/4"	2 13/32"	1 31/32"
21½"	3/4"	2 25/32"	2 1/4"
24"	3/4"	3 3/8"	2 13/32"

Strain Relief
Watertite® Cord Grip
Wiring Device, Pendant, Enclosure
Stainless Steel or
Non-Metallic Mesh



Features and Benefits

- Common application for Watertite Wiring Devices, Pendant Drops and Enclosures
- Simple installation reduces stress of arc bend and cord pull-out from wiring device or enclosure
- Corrosion resistant mesh provides additional strength for cord entrance
- Wide size range available to accommodate 2, 3, 4 and 5-wire devices

Physical

Form Size: F2 ½"
Grip Body and Compression Nut: Nylon
Collar and Mesh: Nylon or Stainless Steel

Environmental

Rating: Watertite

Non-Metallic Mesh Strain Relief, F2

Cable Diameter	Woodhead No.	Order No.
7.88–9.49mm (.310–.370")	5630NM	130099-0166
9.50–10.92mm (.370–.430")	5631NM	130099-0168
10.92–12.70mm (.430–.500")	5632NM	130099-0170



Metallic Mesh Strain Relief, F2

Cable Diameter	Woodhead No.	Order No.
7.88–9.49mm (.310–.370")	5630M	130099-0165
9.53–11.10mm (.375–.437")	5631M	130099-0167
10.92–12.70mm (.430–.500")	5632M	130099-0169
12.70–14.27mm (.500–.562")	5647M	130099-0189
14.27–15.88mm (.560–.625")	5648M	130099-0190

Strain Relief
Watertite® Cord Grip
Wiring Device, Pendant, Enclosure
Stainless Steel or
Non-Metallic Mesh



Features and Benefits

- Common application for Watertite Wiring Devices, Pendant Drops and Enclosures
- Simple installation reduces stress of arc bend and cord pull-out from wiring device or enclosure
- Corrosion resistant mesh provides additional strength for cord entrance
- Wide size range available to accommodate 2, 3, 4 and 5-wire devices

Physical

Form Size: F3 ¾"
Grip Body and Compression Nut: Nylon
Collar and Mesh: Nylon or Stainless Steel

Environmental

Rating: Watertite

Non-Metallic Mesh Strain Relief, F3

Cable Diameter	Woodhead No.	Order No.
11.10–14.27mm (.437–.562")	5633NM	130099-0172
12.70–15.88mm (.500–.625")	5634NM	130099-0174
14.22– 17.27mm (.560–.680")	5635NM	130099-0176
15.75–19.05mm (.620–.750")	5640NM	130099-0186



Metallic Mesh Strain Relief, F3

Cable Diameter	Woodland No.	Order No.
9.53–11.10mm (.375–.437")	5628M	130099-0164
11.10–14.27mm (.437–.562")	5633M	130099-0171
12.70–15.88mm (.500–.625")	5634M	130099-0173
14.27–17.45mm (.562–.687")	5635M	130099-0175
15.88–19.05mm (.625–.75")	5640M	130099-0185
17.27–20.57mm (.680–.810")	5645M	130099-0187

Strain Relief
Watertite® Cord Grip
Wiring Device, Pendant, Enclosure
Stainless Steel or
Non-Metallic Mesh



Features and Benefits

- Common application for Watertite Wiring Devices, Pendant Drops and Enclosures
- Simple installation reduces stress of arc bend and cord pull-out from wiring device or enclosure
- Corrosion resistant mesh provides additional strength for cord entrance
- Wide size range available to accommodate 2, 3, 4 and 5-wire devices

Physical

Form Size: F4 1" and F5 1¼"
Grip Body and Compression Nut: Nylon
Collar and Mesh: Nylon or Stainless Steel

Environmental

Rating: Watertite

Non-Metallic Mesh Strain Relief, F4

Cable Diameter	Woodhead No.	Order No.
14.22–17.27mm (.560–.680")	5636NM	130099-0178
15.88–19.05mm (.625–750")	5637NM	130099-0180
19.05–22.23mm (.750–875")	5638NM	130099-0182
22.23–25.40mm (.875–1.00")	5639NM	130099-0184



Metallic Mesh Strain Relief, F4

Cable Diameter	Woodhead No.	Order No.
14.22–17.27mm (.560–.680")	5636M	130099-0177
15.88–19.05mm (.625–.750")	5637M	130099-0179
19.05–22.23mm (.750–.875")	5638M	130099-0181
20.57–23.88mm (.810–.940")	5646M	130099-0188
22.23–25.40mm (.875–1.00")	5639M	130099-0183

Strain Relief Grips
Safeway®
Wiring Device I-Grips
Galvanized Steel Mesh



Features and Benefits

- Common application for Super-Safeway™ and Safeway wiring devices and most other manufacturers requires stock of only one part number per cable size
- Universal installation reduces stress of cord arc bend and cord pull-out from the wiring device
- Galvanized Steel mesh construction provides excellent strength
- Wide size range available to accommodate 2, 3, 4 and 5 wire wiring devices

Reference Information

CSA File No.: LR32159

Physical

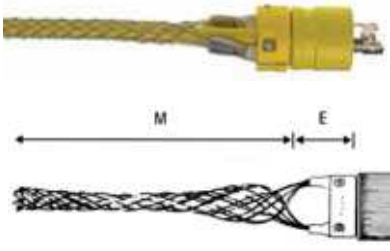
Assembly: Crimped eye tabs install between the two wiring device cord clamp pieces
Mesh Material: Galvanized Steel
Crimp: Aluminum
Weave Type: Single weave mesh

Environmental

Rating: Indoor use only

Cable Diameter	Without O-Ring/Locknut	
	Woodhead No.	Order No.
7.62–10.92mm (.30–.43")	36550	130096-0059
10.16–14.22mm (.40–.56")	36551	130096-0060
13.21–18.54mm (.52–.73")	36552	130096-0061
17.78–21.59mm (.70–.85")	36553	130096-0062
20.83–25.40mm (.82–1.00")	36554	130096-0063
23.88–31.75mm (.94–1.25")	36555	130096-0064

Eyelet hole diameter = 0.325"



E	M
.048m 1.875"	.114m 4.500"
.053m 2.094"	.140m 5.500"
.053m 2.094"	.165m 6.500"
.060m 2.344"	.203m 8.000"
.060m 2.344"	.203m 8.000"
.060m 2.344"	.254m 10.000"