

ELECTROLINE



**PRODUCTS CATALOG
2015 - 2016**



ELECTROLINE

**THE
BROADEST LINE
OF QUALITY
ELECTRICAL
FITTINGS...
PLUS
THE BEST
PERFORMANCE
GUARANTEE
IN THE INDUSTRY**



Where applicable, ELECTROLINE® products are engineered in accordance with the standards established by Underwriters' Laboratories. Most of ELECTROLINE® products are listed by Underwriters' Laboratories and certified by the Canadian Standards Association. Dimensional data listed in this catalog is intended for general reference with reasonable tolerance limits.



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ELECTROLINE FITTINGS LLC

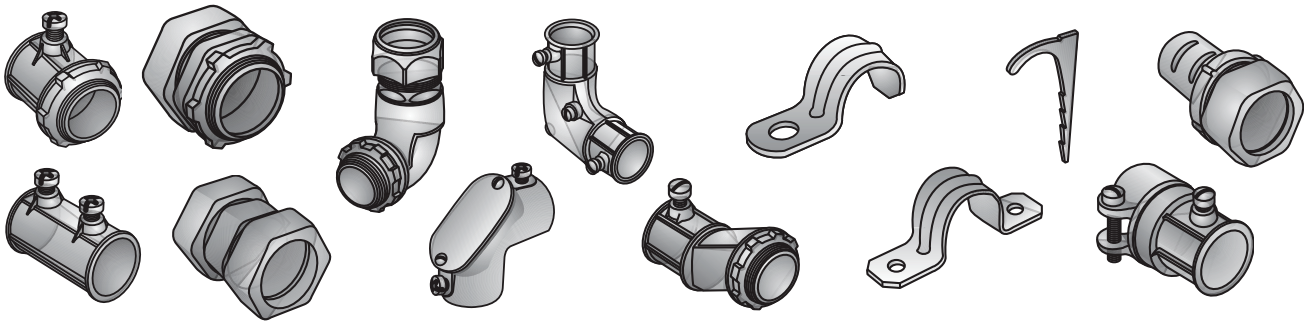
110 Harmon Dr., Unit 106, Blackwood,
NJ 08012, U.S.A

Ph: +1 (856) 677 89 11

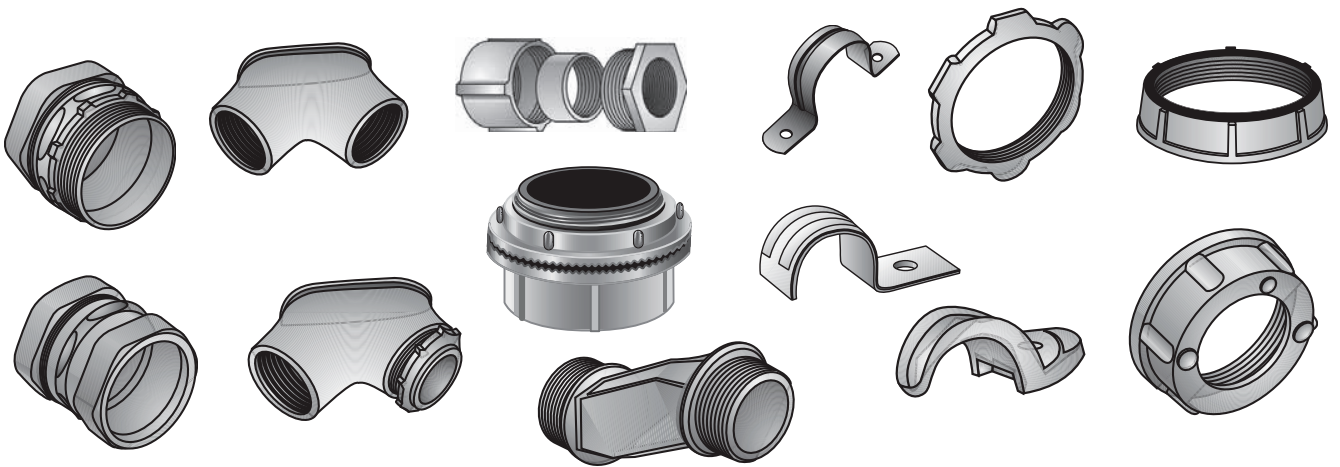
www.electrolinefittings.com

info@electrolinefittings.com

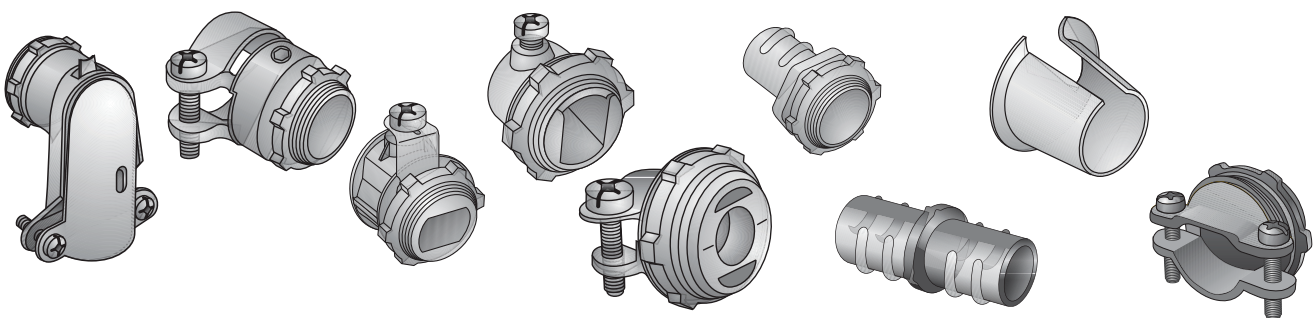
EMT



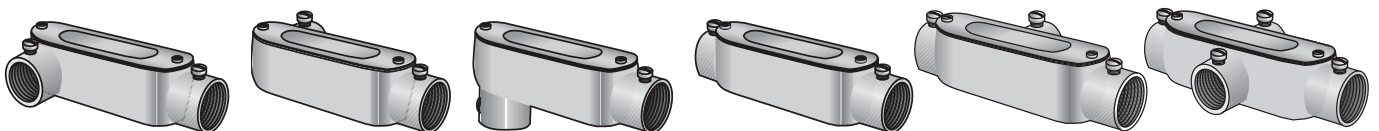
RIGID



BX-FLEX



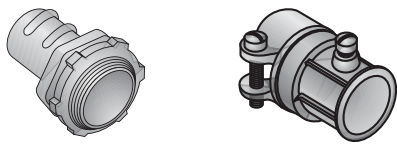
CONDUIT BODIES



HOLDING DEVICES AND ACCESSORIES



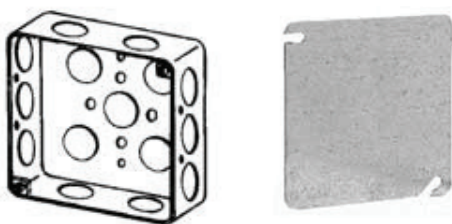
COMBINATION COUPLINGS



GROUNDING FITTINGS



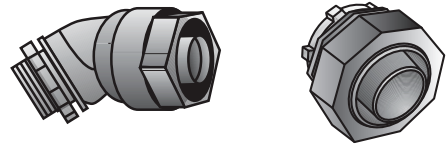
STEEL BOX & COVERS



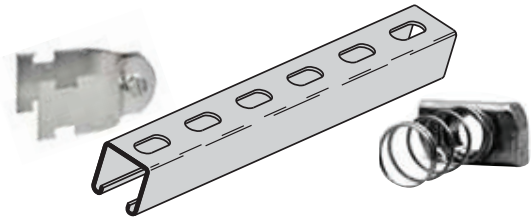
CABLE GLANDS



LIQUID TIGHT



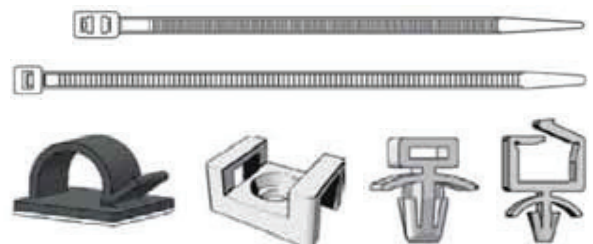
CHANNEL & CLAMPS



WEATHERPROOF BOX & COVERS

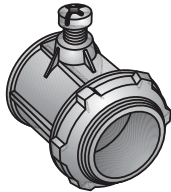


CABLE TIES & FIXINGS

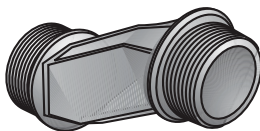


Compare product for product...

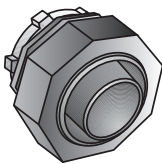
FITTINGS FOR THINWALL E.M.T.



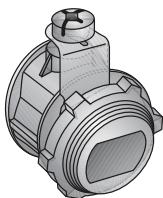
FITTINGS FOR RIGID CONDUIT



LIQUID TIGHT CONNECTORS



FITTINGS FOR ARMORED CABLE, FLEXIBLE METAL CONDUIT AND METAL CLAD CABLE



In addition to offering all the popular UL Listed EMT fittings, **Electroline's** 2½" to 4" set-screw connectors and couplings are also UL Listed, not only for EMT, but for Rigid and IMC conduit as well.

Electroline offers a full line of set-screw connectors and couplings and compression connectors and couplings for rigid conduit in malleable iron and in die cast zinc, including a variety of pull elbows, three piece "Erickson" type couplings, combination couplings, offset nipples, conduit nipples and watertight hubs of highly engineered quality.

Electroline is the only company offering two types -the unique reusable one piece twist type and the regular multi-piece- at the most competitive prices in the industry. Die cast liquid tight fittings undergo the same UL testing as the most expensive steel and malleable fittings, yet ours cost 30%-40% less.

Electroline offers TWO full lines of die cast zinc and malleable iron straight and 90° squeeze or clamp type connectors through 4", "screw in" flex connectors and couplings and the broadest line of combination couplings on the market. We have connectors to meet any requirement for connecting armored cable, flexible metal conduit and metal clad cable.

Electroline has fittings for every conceivable cable size up 4/0. In addition, **Electroline** offers a complete assortment of service entrance heads in aluminum and PVC and a variety of mast kit accessories.

Electroline offers aluminum threaded rigid and set-screw EMT conduit bodies, as well as malleable iron condulets. Save time, money and shelf space and eliminate lost parts- by buying **Electroline** conduit bodies already assembled with cover and gasket. Our combo type conduit bodies can be used for EMT, IMC or Rigid.

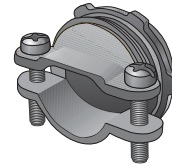
Electroline has an extensive line of top quality EMT and galvanized rigid tubular elbows in 90 degree and 45 degree, plus a complete line of threaded nipples and couplings.

Electroline offers specification, heavy-duty and commodity grade ground clamps, plus UL Listed direct burial grounding rod clamps. Whether it's die cast zinc or bronze, we have the right grounding fittings for the application.

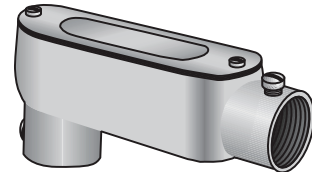
Electroline straps and staples are manufactured **ONLY** with the highest quality, heavy gauge galvanized steel to prevent bending and buckling upon installation. Our "snap on" straps mean quick installation. They also bear a trade size for easy identification.

Electroline offers a full line of easy-to install holding devices and accessories. Our conduit hangers, in particular, are available assembled with nuts and carriage bolts, requiring the electrician to use only one tool for installation.

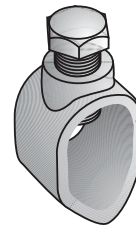
FITTINGS FOR NON-METALLIC SHEATHED CABLE AND SERVICE ENTRANCE CABLE



CONDUIT BODIES



GROUNDING FITTINGS



CABLE STAPLES AND FASTENERS



HOLDING DEVICES



You'll choose Electroline over any other manufacturer !!



Electroline Fittings LLC

E.M.T Set Screw Type Connectors

Concrete Tight (1/2" - 4")

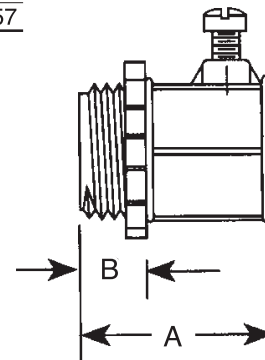
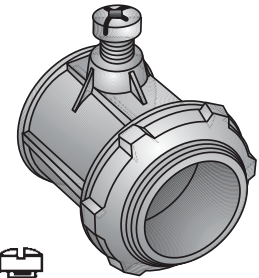
Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 121	1/2"	1.16	.41	E358459
E-L 123	3/4"	1.31	.47	E358459
E-L 125	1"	1.56	.56	E358459
E-L 127	1 1/4"	1.96	.63	E358459
E-L 129	1 1/2"	2.19	.72	E358459
E-L 131	2"	2.50	.75	E358459
E-L 133-7	2 1/2"	3.03	1.00	E358457
E-L 133-8	3"	3.37	1.06	E358457
E-L 133-9	3 1/2"	3.58	1.09	E358457
E-L 133-10	4"	3.75	1.09	E358457

Insulated types are also available

Add " - I " to the end of the part number for ordering.

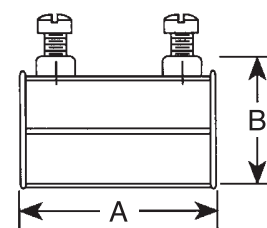
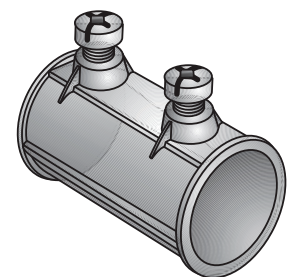
USE : To secure and terminate EMT to a knockout in a concretetight box or in dry location applications.**NOTE:** 2 1/2" through 4" connectors, including those with insulated throats are also listed for use on steel and aluminum EMT, IMC and Rigid conduits.**E.M.T Set Screw Type Couplings**

Concrete Tight (1/2" - 4")

Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 122	1/2"	1.53	.94	E358459
E-L 124	3/4"	1.88	1.16	E358459
E-L 126	1"	2.00	1.43	E358459
E-L 128	1 1/4"	2.50	1.84	E358459
E-L 130	1 1/2"	2.88	2.07	E358459
E-L 132	2"	3.44	2.55	E358459
E-L 134-7	2 1/2"	3.99	3.30	E358457
E-L 134-8	3"	4.55	3.94	E358457
E-L 134-9	3 1/2"	4.92	4.45	E358457
E-L 134-10	4"	5.24	4.97	E358457

USE : To join lengths of EMT for dry locations or concretetight applications.**NOTE :** 2 1/2" through 4" couplings are also listed for use on steel and aluminum EMT, IMC and Rigid conduits.

E.M.T Compression Type Connectors

Concrete Tight (½" - 4")

Die Cast Zinc



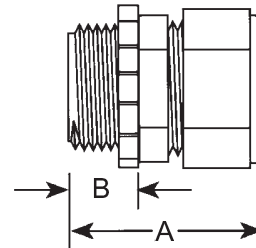
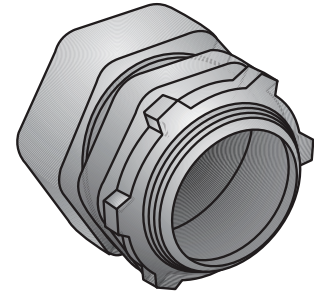
Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 21	½"	1.20	.40	E358459
E-L 23	¾"	1.27	.40	E358459
E-L 25	1"	1.48	.50	E358459
E-L 27	1¼"	1.75	.59	E358459
E-L 29	1½"	1.91	.62	E358459
E-L 31	2"	2.11	.76	E358459
E-L 21-7	2½"	2.62	1.00	E358459
E-L 21-8	3"	2.75	1.06	E358459
E-L 21-9	3½"	2.83	1.14	E358459
E-L 21-10	4"	2.84	1.14	E358459

Insulated types are also available

Add " - I " to the end of the part number for ordering.

USE : To secure and terminate EMT to a knockout in a concretetight box or in damp location applications.

NOTE : 2½" through 4" connectors, including those with insulated throats are also listed for use on steel and aluminum EMT, IMC and Rigid conduits.



E.M.T Compression Type Couplings

Concrete Tight (½" - 4")

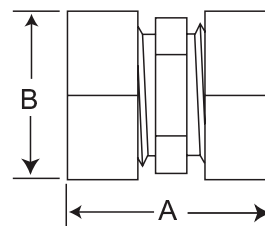
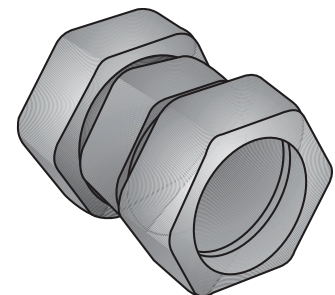
Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 22	½"	1.59	1.09	E358459
E-L 24	¾"	1.81	1.28	E358459
E-L 26	1"	1.82	1.60	E358459
E-L 28	1¼"	2.07	2.00	E358459
E-L 30	1½"	2.47	2.29	E358459
E-L 32	2"	2.56	2.79	E358459
E-L 22-7	2½"	3.29	3.51	E358459
E-L 22-8	3"	3.42	4.21	E358459
E-L 22-9	3½"	3.51	4.75	E358459
E-L 22-10	4"	3.54	5.32	E358459

USE : To join lengths of EMT for concretetight applications and damp locations.

NOTE : 2½" through 4" couplings are also listed for use on steel and aluminum EMT, IMC and Rigid conduits.



EMT Set-Screw Connectors

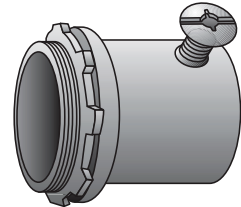
Steel



Catalog Number	Trade Size (in)	Body Length (in)	Dia (in)	Thread Length (in)	U.L. File No.
E-L 121 ST	1/2"	1.03	0.84	0.44	E358459
E-L 123 ST	3/4"	1.09	1.08	0.44	E358459
E-L 125 ST	1"	1.19	1.31	0.44	E358459
E-L 127 ST	1 1/4"	1.75	1.69	0.56	E358459
E-L 129 ST	1 1/2"	1.94	1.94	0.56	E358459
E-L 131 ST	2"	2.19	2.38	0.63	E358459
E-L 133 ST	2 1/2"	2.38	3.13	0.88	E358459
E-L 135 ST	3"	2.88	3.75	0.88	E358459
E-L 137 ST	3 1/2"	3.00	4.25	1.00	E358459
E-L 139 ST	4"	3.19	4.75	1.00	E358459

Insulated types are also available

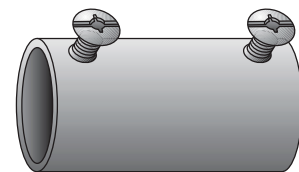
Add " - I " to the end of the part number for ordering.

USE : To secure and terminate EMT to a knockout in a concretetight box or in dry location applications.**NOTE:** 2 1/2" through 4" connectors, including those with insulated throats are also listed for use on steel and aluminum EMT, IMC and Rigid conduits.**EMT Set-Screw Couplings**

Steel



Catalog Number	Trade Size (in.)	Body Length (in.)	Dia (in.)	U.L. File No.
E-L 122 ST	1/2"	1.75	0.84	E358459
E-L 124 ST	3/4"	2.13	1.08	E358459
E-L 126 ST	1"	2.50	1.31	E358459
E-L 128 ST	1 1/4"	3.25	1.69	E358459
E-L 130 ST	1 1/2"	3.75	1.94	E358459
E-L 132 ST	2"	4.00	2.38	E358459
E-L 134 ST	2 1/2"	4.25	3.13	E358459
E-L 136 ST	3"	4.50	3.75	E358459
E-L 138 ST	3 1/2"	4.75	4.25	E358459
E-L 140 ST	4"	5.00	4.75	E358459

USE : To join lengths of EMT for concretetight applications and dry locations.**NOTE :** 2 1/2" through 4" couplings are also listed for use on steel and aluminum EMT, IMC and Rigid conduits.

EMT Compression Connectors

Steel



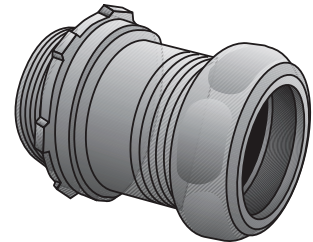
Catalog Number	Trade Size (in)	Body Length (in)	Dia (in)	Thread Length (in)	U.L. File No.
E-L 21 ST	1/2"	1.13	1.06	0.38	E358459
E-L 23 ST	3/4"	1.03	1.25	0.44	E358459
E-L 25 ST	1"	1.25	1.56	0.44	E358459
E-L 27 ST	1 1/4"	1.81	2.00	0.56	E358459
E-L 29 ST	1 1/2"	2.00	2.19	0.56	E358459
E-L 31 ST	2"	2.25	2.69	0.69	E358459
E-L 33 ST	2 1/2"	2.38	3.34	0.88	E358459
E-L 35 ST	3"	2.88	4.00	0.88	E358459
E-L 37 ST	3 1/2"	3.00	4.50	1.00	E358459
E-L 39 ST	4"	3.19	5.06	1.00	E358459

Insulated types are also available

Add " - I " to the end of the part number for ordering.

USE : To secure and terminate EMT to a knockout in a concretetight box and damp location.

NOTE : 2 1/2" through 4" connectors, including those with insulated throats are also listed for use on steel and aluminum EMT,IMC and Rigid conduits.

**EMT Compression Couplings**

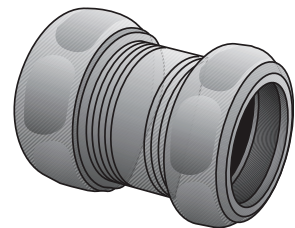
Steel



Catalog Number	Trade Size (in)	Body Length (in)	Dia (in)	U.L. File No.
E-L 22 ST	1/2"	1.38	0.84	E358459
E-L 24 ST	3/4"	1.50	1.38	E358459
E-L 26 ST	1"	1.66	1.31	E358459
E-L 28 ST	1 1/4"	2.50	1.69	E358459
E-L 30 ST	1 1/2"	2.50	1.94	E358459
E-L 32 ST	2"	2.50	2.38	E358459
E-L 34 ST	2 1/2"	4.25	3.13	E358459
E-L 36 ST	3"	4.50	3.75	E358459
E-L 38 ST	3 1/2"	4.75	4.25	E358459
E-L 40 ST	4"	5.00	4.75	E358459

USE : To join lengths of EMT for concretetight applications and damp locations.

NOTE : 2 1/2" through 4" couplings are also listed for use on steel and aluminum EMT, IMC and Rigid conduits.



90° Angle E.M.T. Connectors

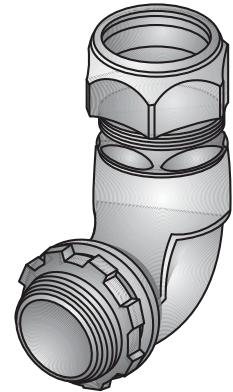
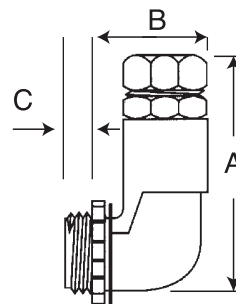
Compression Type

Die Cast Zinc



USE : To terminate EMT to an unthreaded knockout with a right angle approach in damp location applications.

Catalog Number	Trade Size (in)	Dimensions(in)			U.L. File No.
		A	B	C	
E-L 21-90-1	1/2"	1.75	.83	.52	E358459
E-L 23-90-2	3/4"	1.86	.95	.52	E358459
E-L 25-90-3	1"	2.21	1.12	.67	E358459

**Pull Elbows E.M.T. to Box**

Set Screw Type

Die Cast Zinc

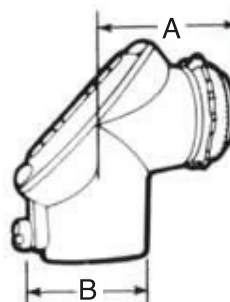
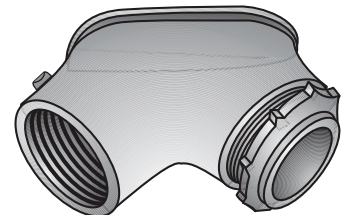


USE : To facilitate pulling conductors through a sharp bend in a run of EMT in dry location applications. The removable cover gives access so that wire pulling can be achieved without obstructions.

Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 143-1	1/2"	1.31	.93	E358459
E-L 143-2	3/4"	1.47	1.22	E358459

With Neoprene Gasket

E-LG 143-1	1/2"	1.31	.93	E358459
E-LG 143-2	3/4"	1.47	1.22	E358459
E-LG 143-3	1"	1.94	1.59	E358459
E-LG 143-4	1 1/4"	2.26	1.97	E358459



Pull Elbows E.M.T. to E.M.T.

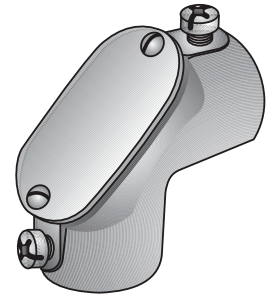
Set Screw Type

Die Cast Zinc

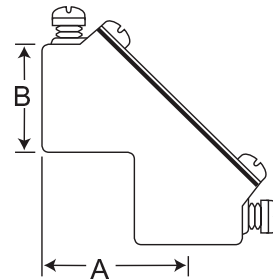


Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 144-1	1/2"	1.31	.94	E358459
E-L 144-2	3/4"	1.59	1.22	E358459

USE : To facilitate pulling conductors through a sharp bend in a run of EMT in dry location applications. The removable cover gives access so that wire pulling can be achieved without obstructions.

**With Neoprene Gasket**

E-LG 144-1	1/2"	1.31	.94	E358459
E-LG 144-2	3/4"	1.59	1.22	E358459
E-LG 144-3	1"	1.94	1.59	E358459
E-LG 144-4	1 1/4"	2.26	1.97	E358459

**Inside Corner Pull Elbows E.M.T. to E.M.T.**

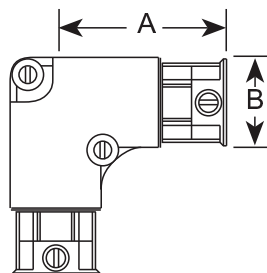
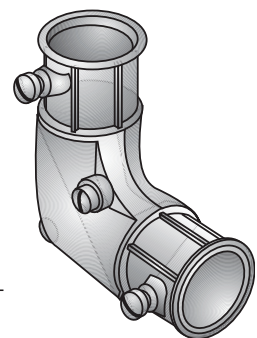
Set Screw Type

Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 244-1	1/2"	1.81	1.00	E358459
E-L 244-2	3/4"	2.00	1.25	E358459
E-L 244-3	1"	2.20	1.47	E358459

USE : To facilitate pulling conductors through a sharp bend in a run of EMT in dry location applications, where obstructions limit the space beyond the connector such as inside a corner.



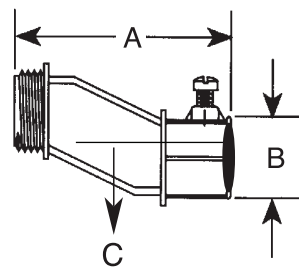
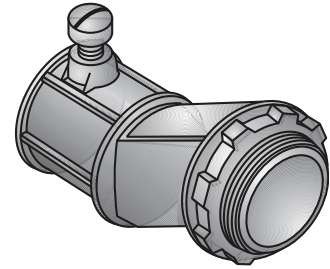
Offset Connectors E.M.T. to Box

Set Screw Type
Concretetight
Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions(in)			U.L. File No.
		A	B	C	
E-L 37-1	1/2"	2.09	.94	.375	E358459
E-L 37-2	3/4"	2.98	1.16	.750	E358459
E-L 37-3	1"	3.15	1.42	.750	E358459

USE : To make a slight adjustment in terminating a run of EMT to an enclosure or box in dry location applications.

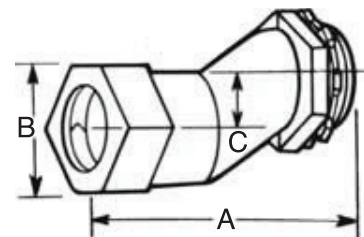
**Compression Type**

Raintight and Concretetight
Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions(in)			U.L. File No.
		A	B	C	
E-L 39-1	1/2"	2.00	.81	.31	E358459
E-L 39-2	3/4"	2.50	1.00	.50	E358459

USE : To make a slight adjustment in terminating a run of EMT to an enclosure or box in concretetight or damp locations.



One-Hole E.M.T. Straps

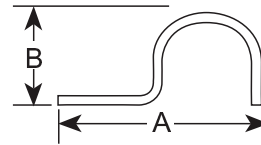
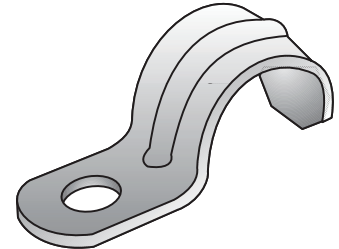
Snap-on Type (1/2"-2")

Steel



Catalog Number	Trade Size (in)	Dimensions(in)		Gauge Steel	Dec. Equ.	U.L. File No.
		A	B			
E-L 650	1/2"	1.68	.56	14	.075	E358456
E-L 651	3/4"	2.00	.62	14	.075	E358456
E-L 652	1"	2.25	.75	14	.075	E358456
E-L 653	1 1/4"	2.87	.87	13	.090	E358456
E-L 654	1 1/2"	3.25	1.00	13	.090	E358456
E-L 655	2"	4.00	1.12	13	.090	E358456
E-L 606T	2 1/2"	5.00	1.25	9	.150	E358456
E-L 607T	3"	5.62	1.25	9	.150	E358456
E-L 608T	3 1/2"	6.25	1.25	7	.180	E358456
E-L 609T	4"	6.75	1.25	7	.180	E358456

USE : To provide support for EMT as required by the National Electrical Code. Straps snap on for easy mounting and assembly. Straps are marked with trade sizes for clear identification and are made of the heaviest gauge plated steel used for the application.

**Two-Hole E.M.T. Straps**

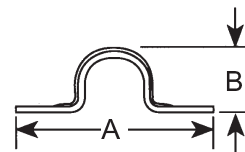
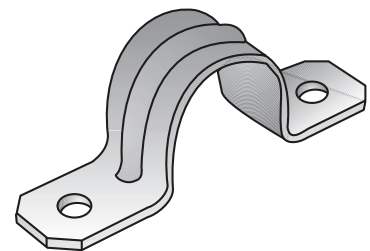
Snap-on Type (1/2"-2")

Steel



Catalog Number	Trade Size (in)	Dimensions(in)		Gauge Steel	Dec. Equ.	U.L. File No.
		A	B			
E-L 660-1	1/2"	2.21	.56	20	.036	E358456
E-L 660-2	3/4"	2.75	.62	20	.036	E358456
E-L 660-3	1"	3.00	.68	20	.036	E358456
E-L 660-4	1 1/4"	3.71	.75	18	.048	E358456
E-L 660-5	1 1/2"	4.25	.87	18	.048	E358456
E-L 660-6	2"	4.68	1.00	16	.060	E358456
E-L 620-7	2 1/2"	5.93	1.00	14	.075	E358456
E-L 620-8	3"	6.65	1.00	14	.075	E358456
E-L 620-9	3 1/2"	7.43	1.00	13	.090	E358456
E-L 620-10	4"	7.78	1.00	13	.090	E358456

USE : To provide support for EMT as required by the National Electrical Code where higher load bearing supports are desired such as when securing EMT along the ceiling. Straps are marked with trade sizes for clear identification and are made of the heaviest gauge plated steel used for the application.



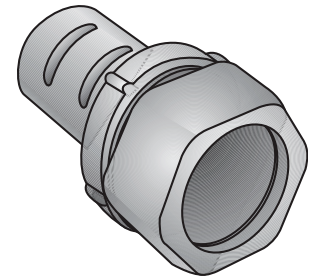
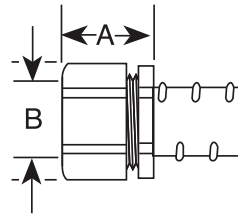
Combination Couplings E.M.T. to Flex

Compression to Screw-In Type

Die Cast Zinc

**USE :** To provide a transition from EMT to flexible metal conduit.

Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 49-1	1/2"	.84	1.10	E358457
E-L 49-2	3/4"	.95	1.30	E358457
E-L 49-3	1"	1.11	1.62	E358457

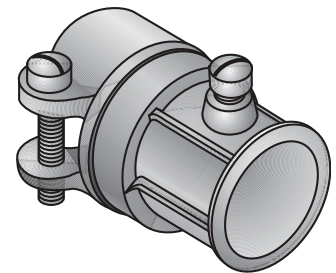
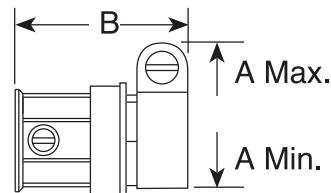
**Combination Couplings E.M.T. to Flex**

Set Screw Type

Die Cast Zinc

**USE :** To provide a transition from EMT to flexible metal conduit.

Catalog Number	Trade Size (in)	Dimensions(in)			U.L. File No.
		A Min.	A Max.	B	
E-L 153	1/2 to 3/8"	.17	.63	1.35	E358457
E-L 153-1	1/2 to 1/2"	.75	.95	1.65	E358457
E-L 153-2	3/4 to 3/4"	.75	1.20	1.93	E358457
E-L 153-3	1 to 1"	1.14	1.61	2.12	E358457



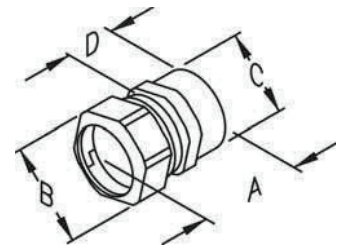
Combination Couplings EMT to Rigid

Compression Type Steel

USE: Combination couplings are used to provide a transition from steel EMT conduit to Rigid Conduit.



Catalog Number	Trade Size (in)	Dimensions(in)				U.L. File No.
		A	B	C	D	
E-L ETR50	1/2"	1 5/16"	1 1/8"	7/8"	11/16"	E358456
E-L ETR75	3/4"	1 7/16"	1 3/8"	1 1/8"	3/4"	E358456
E-L ETR100	1"	1 1/2"	1 11/16"	1 3/8"	13/16"	E358456

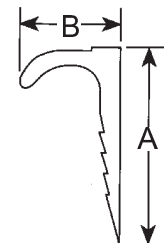
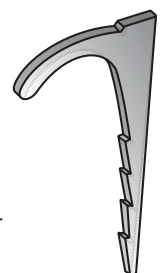


Drive Straps for E.M.T. Stamped Steel

USE : To secure EMT to wooden structure members in place of one or two hole straps.



Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-LS 5	1/2"	2.13	1.10	E358456
E-LS 7	3/4"	2.13	1.20	E358456
E-LS 10	1"	2.25	1.50	E358456



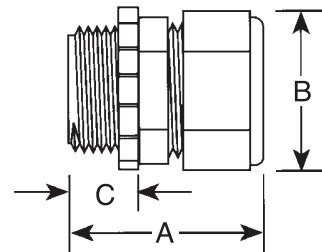
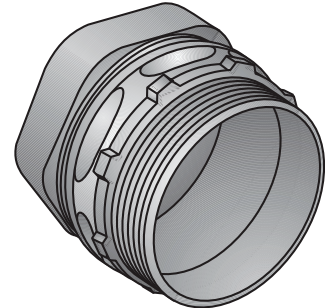
Rigid Connectors

Gland Compression Type for
Threadless Rigid Conduit
Concrete Tight
Malleable Iron, Zinc Plated



Catalog Number	Trade Size (in)	Dimensions(in)			U.L. File No.
		A	B	C	
E-M 15-1	1/2"	.75	1.38	.44	E358457
E-M 15-2	3/4"	.88	1.56	.44	E358457
E-M 15-3	1"	1.19	1.94	.56	E358457
E-M 15-4	1 1/4"	1.38	2.31	.63	E358457
E-M 15-5	1 1/2"	1.38	2.63	.63	E358457
E-M 15-6	2"	1.50	3.31	.69	E358457
E-M 15-7	2 1/2"	2.13	4.03	1.00	E358457
E-M 15-8	3"	2.44	4.81	1.00	E358457
E-M 15-9	3 1/2"	2.63	5.50	1.19	E358457
E-M 15-10	4"	2.56	6.13	1.25	E358457

USE : To secure and terminate threadless Rigid conduit to a knockout or concretetight box in damp location applications.



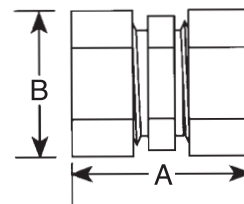
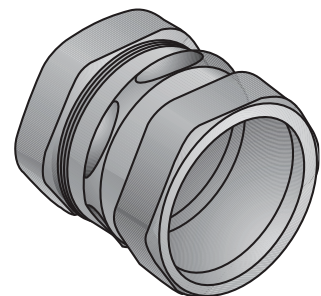
Rigid Couplings

Gland Compression Type for
Threadless Rigid Conduit
Concrete Tight
Malleable Iron, Zinc Plated



Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-M 16-1	1/2"	1.69	1.38	E358457
E-M 16-2	3/4"	1.75	1.56	E358457
E-M 16-3	1"	1.94	1.94	E358457
E-M 16-4	1 1/4"	2.50	2.31	E358457
E-M 16-5	1 1/2"	2.56	2.63	E358457
E-M 16-6	2"	2.88	3.31	E358457
E-M 16-7	2 1/2"	3.94	4.03	E358457
E-M 16-8	3"	4.31	4.81	E358457
E-M 16-9	3 1/2"	4.50	5.50	E358457
E-M 16-10	4"	4.56	6.13	E358457

USE : To join lengths of threadless Rigid conduit in concretetight or damp location applications.



Pull Elbows Rigid to Rigid
Die Cast Zinc

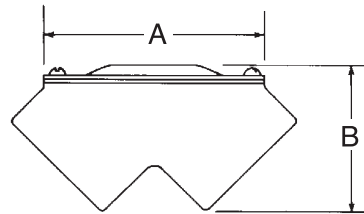
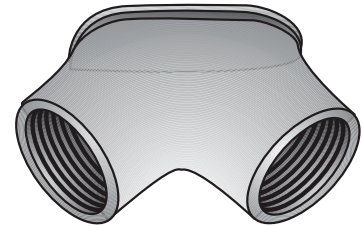


USE : To facilitate pulling conductors through a sharp bend in a run of threaded Rigid conduit or IMC . The removable cover gives ample access so that wire pulling can be achieved without obstructions.

Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 141-1	1/2"	1.31	1.09	E358457
E-L 141-2	3/4"	1.43	1.29	E358457
E-L 141-3	1"	1.95	1.59	E358457

With Neoprene Gasket

E-LG 141-1	1/2"	1.31	1.09	E358457
E-LG 141-2	3/4"	1.43	1.29	E358457
E-LG 141-3	1"	1.95	1.59	E358457
E-LG 141-4	1 1/4"	2.26	1.97	E358457



Pull Elbows Rigid to Box
Die Cast Zinc

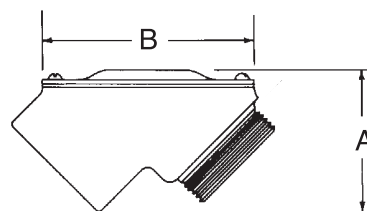
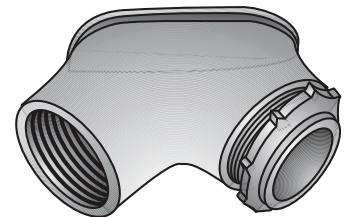


USE : To facilitate pulling conductors through a sharp bend in a run of threaded Rigid conduit or IMC when terminating at a box. The removable cover gives ample access so that wire pulling can be achieved without obstructions.

Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 142-1	1/2"	1.31	1.09	E358457
E-L 142-2	3/4"	1.47	1.29	E358457
E-L 142-3	1"	1.95	1.59	E358457

With Neoprene Gasket

E-LG 142-1	1/2"	1.31	1.09	E358457
E-LG 142-2	3/4"	1.47	1.29	E358457
E-LG 142-3	1"	1.95	1.59	E358457
E-LG 142-4	1 1/4"	2.26	1.97	E358457



Rigid Couplings

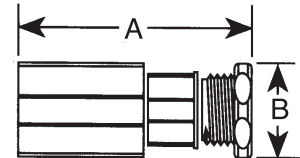
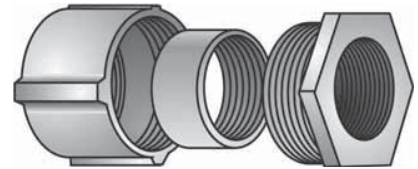
Three-Piece Type

Die Cast Zinc / Malleable Iron / Steel



USE : To join lengths of Rigid conduit or IMC or conduit and a conduit elbow, where neither can be rotated.

Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L 500	½"	1.39	1.31	E358457
E-L 501	¾"	1.53	1.58	E358457
E-L 502	1"	1.73	1.87	E358457
E-L 503	1¼"	1.68	2.00	E358457
E-L 504	1½"	2.18	2.50	E358457
E-L 505	2"	2.50	3.12	E358457
E-L 506	2½"	3.00	4.00	E358457
E-L 507	3"	3.50	4.62	E358457
E-L 508	3½"	3.62	5.25	E358457
E-L 509	4"	4.12	5.75	E358457



Offset Nipples

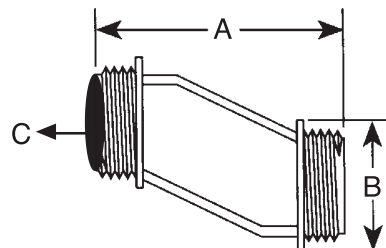
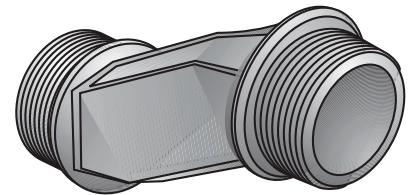
¾" Offset

Die Cast Zinc



USE : To provide an offset connection between two boxes, cabinets or enclosures.

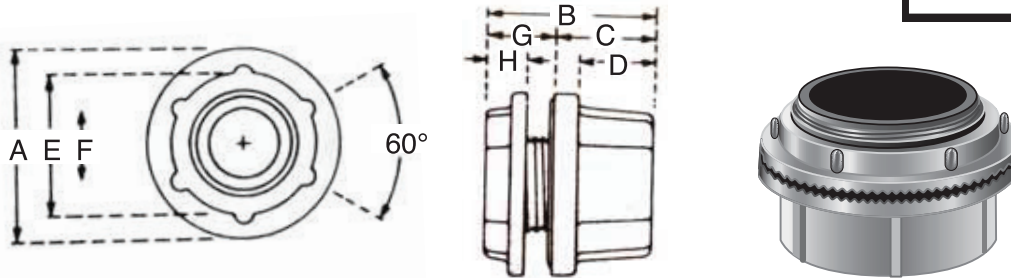
Catalog Number	Trade Size (in)	Dimensions(in)			U.L. File No.
		A	B	C	
E-L 376	½"	2.44	.94	.75	E358457
E-L 377	¾"	2.56	1.15	.75	E358457
E-L 378	1"	2.75	1.42	.75	E358457
E-L 379	1¼"	2.88	1.85	.75	E358457
E-L 380	1½"	3.06	2.07	.75	E358457
E-L 381	2"	3.12	2.60	.75	E358457
E-L 382	2½"	3.88	3.19	.75	E358457
E-L 383	3"	4.38	3.63	.75	E358457



Watertight Conduit Hubs

Die Cast Zinc

USE : To terminate a run of Rigid or IMC conduit at a box or enclosure in damp or wet locations.



Catalog Number	Trade Size (in)	Dimensions(in)										Mounting Hole Min	U.L. File No.
		A	B	C	D	E	F Max.	F Min.	G	H			
E-WH 50	1/2"	1.54	1.31	.73	.56	1.06	.62	.56	.58	.34	.84	E358457	
E-WH 75	3/4"	1.73	1.37	.78	.56	1.31	.82	.75	.59	.39	1.05	E358457	
E-WH 100	1"	2.04	1.59	.90	.69	1.58	1.04	.95	.69	.47	1.31	E358457	
E-WH 125	1 1/4"	2.42	1.59	.90	.69	1.92	1.38	1.25	.69	.47	1.66	E358457	
E-WH 150	1 1/2"	2.79	1.59	.90	.69	2.19	1.61	1.45	.69	.47	1.90	E358457	
E-WH 200	2"	3.30	1.59	.90	.69	2.69	2.06	1.86	.69	.47	2.37	E358457	
E-WH 250	2 1/2"	3.70	2.47	1.56	1.31	3.28	2.46	2.23	.91	.56	2.99	E358457	
E-WH 300	3"	4.39	2.47	1.56	1.31	4.00	3.06	2.77	.91	.56	3.61	E358457	

* 3 1/2" and 4" sizes are also available.

One-Hole Straps for Rigid

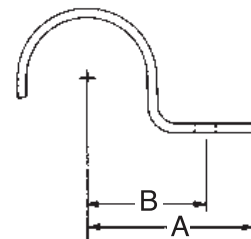
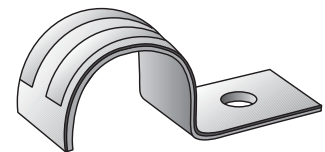
Snap-On Type (3/8" - 2")

Steel

USE : Snap-on straps provide easy mounting to support Rigid and IMC conduit as required by the National Electrical Code. Straps are marked with trade sizes for easy identification.



Catalog Number	Trade Size (in)	Dimensions(in)		Gauge Steel	Dec. Steel	U.L. File No.
		A	B			
E-L 599 T	3/8"	1.56	.56	14	.075	E358456
E-L 600 T	1/2"	1.93	.62	14	.075	E358456
E-L 601 T	3/4"	2.25	.75	14	.075	E358456
E-L 602 T	1"	2.62	.87	14	.075	E358456
E-L 603 T	1 1/4"	3.00	.87	13	.090	E358456
E-L 604 T	1 1/2"	3.75	1.00	12	.105	E358456
E-L 605 T	2"	4.31	1.12	11	.120	E358456
E-L 606 T	2 1/2"	5.00	1.25	9	.150	E358456
E-L 607 T	3"	5.62	1.25	9	.150	E358456
E-L 608 T	3 1/2"	6.25	1.25	7	.180	E358456
E-L 609 T	4"	6.75	1.25	7	.180	E358456



Two-Hole Straps for Rigid

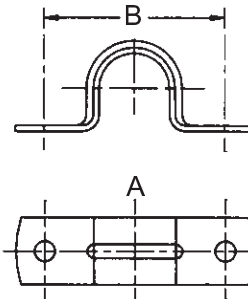
Snap-On Type (3/8" - 2")

Steel



Catalog Number	Trade Size (in)	Dimensions(in)		Gauge Steel	Dec. Equ.	U.L. File No.
		A	B			
E-L 620-38	3/8"	2.25	.56	20	.036	E358456
E-L 620-1	1/2"	2.43	.62	20	.036	E358456
E-L 620-2	3/4"	2.81	.68	20	.036	E358456
E-L 620-3	1"	3.31	.75	18	.048	E358456
E-L 620-4	1 1/4"	4.18	.87	18	.048	E358456
E-L 620-5	1 1/2"	4.68	1.00	16	.060	E358456
E-L 620-6	2"	5.18	1.00	16	.060	E358456
E-L 620-7	2 1/2"	5.93	1.00	14	.075	E358456
E-L 620-8	3"	6.65	1.00	14	.075	E358456
E-L 620-9	3 1/2"	7.43	1.00	13	.090	E358456
E-L 620-10	4"	7.78	1.00	13	.090	E358456

USE : Snap-on straps provide easy mounting to support Rigid and IMC conduits as required by the National Electrical Code where higher load bearing supports are desired. Straps are marked with trade sizes for easy identification.



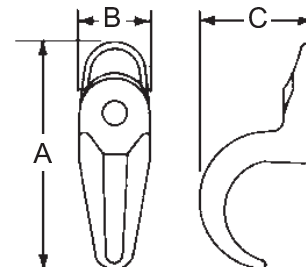
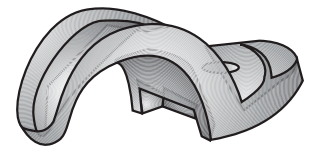
One-Hole Straps for Rigid

Malleable Iron



Catalog Number	Trade Size (in)	Dimensions(in)			U.L. File No.
		A	B	C	
E-L 600	1/2"	2.25	.66	.94	E358456
E-L 601	3/4"	2.56	.75	1.22	E358456
E-L 602	1"	3.06	.81	1.50	E358456
E-L 603	1 1/4"	3.69	.88	1.88	E358456
E-L 604	1 1/2"	4.00	1.00	2.06	E358456
E-L 605	2"	5.06	1.13	2.56	E358456
E-L 606	2 1/2"	5.94	1.38	3.06	E358456
E-L 607	3"	7.44	1.63	3.81	E358456
E-L 608	3 1/2"	8.19	1.81	4.38	E358456
E-L 609	4"	8.69	2.00	5.00	E358456

USE : Snap-on straps provide easy mounting to support Rigid and IMC conduits as required by the National Electrical Code. Straps are marked with trade sizes for easy identification.



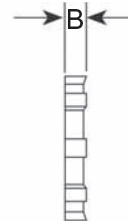
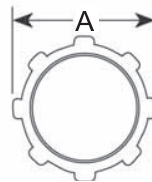
Steel Conduit Locknuts



USE : To secure threaded conduit or connectors to a knockout.

Catalog Number	Trade Size (in)	Max. Size (in) A	Thickness B
E-L 55	3/8"	0.88	.12
E-L 59	1/2"	1.12	.12
E-L 80	3/4"	1.37	.15
E-L 81	1"	1.68	.15
E-L 82	1 1/4"	2.06	.17
E-L 83	1 1/2"	2.37	.17
E-L 84	2"	2.87	.15
E-L 86	2 1/2"	3.43	.20
E-L 93	3"	4.12	.20
E-L 94	3 1/2"	4.62	.20
E-L 97	4"	5.18	.20
E-L 295	5"	6.53	.43
E-L 296	6"	7.75	.40

• Die Cast Zinc types are available
Please add - DC to the part number while ordering.



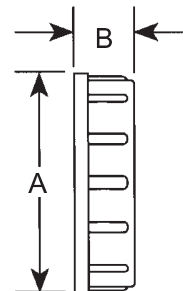
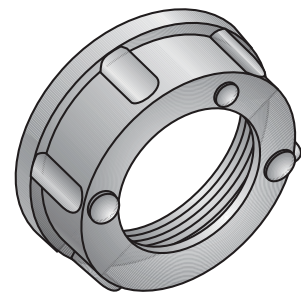
Plastic Insulating Bushings

Thermoplastic
105°C Flame Retardant



USE : To provide a smooth, well-rounded bearing surface for wires or cable at the end of threaded conduit or a conduit connector as required by the National Electrical Code.

Catalog Number	Trade Size (in)	Max. Size (in) A	Thickness B	UL. File No.
E-L 52 PL	1/2"	1.06	.37	E358457
E-L 60 PL	3/4"	1.31	.37	E358457
E-L 61 PL	1"	1.56	.56	E358457
E-L 65 PL	1 1/4"	1.93	.56	E358457
E-L 69 PL	1 1/2"	2.25	.56	E358457
E-L 75 PL	2"	2.68	.59	E358457
E-L 76 PL	2 1/2"	3.21	.72	E358457
E-L 90 PL	3"	3.87	.75	E358457
E-L 91 PL	3 1/2"	4.37	.77	E358457
E-L 92 PL	4"	4.87	.77	E358457
E-L 295 PL	5"	6.25	1.00	E358457
E-L 296 PL	6"	7.50	1.00	E358457



Insulated Metallic Conduit Bushings

Thermoplastic Liners Rated 105° C

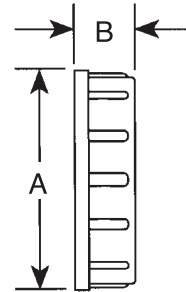
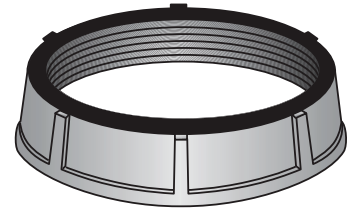
Die Cast Zinc



Catalog Number	Trade Size (in)	Max. Size (in)		U.L. File No.
		A	B	
E-L 52 IM	½"	1.06	.43	E358457
E-L 60 IM	¾"	1.31	.43	E358457
E-L 61 IM	1"	1.59	.48	E358457
E-L 65 IM	1 ¼"	1.96	.56	E358457
E-L 69 IM	1 ½"	2.18	.60	E358457
E-L 75 IM	2"	2.68	.56	E358457
E-L 76 IM	2 ½"	3.25	.90	E358457
E-L 90 IM	3"	3.87	.85	E358457
E-L 91 IM	3 ½"	4.37	.93	E358457
E-L 92 IM	4"	5.00	.93	E358457
E-L 95 IM	5"	6.06	1.31	E358457
E-L 96 IM	6"	7.25	1.31	E358457

• Non-insulated models are available.
Please consult factory for details.

USE : To provide a smooth, well-rounded bearing surface for wires or cable at the end of threaded conduit or a conduit connector as required by the National Electrical Code.



Reducing Bushings

Steel



Catalog Number	Trade Size (in)	U.L. File No.
E-LRB 2	¾" - ½"	E358457
E-LRB 3	1" - ½"	E358457
E-LRB 4	1" - ¾"	E358457
E-LRB 5	1 ¼" - ½"	E358457
E-LRB 6	1 ¼" - ¾"	E358457
E-LRB 7	1 ¼" - 1"	E358457
E-LRB 8	1 ½" - ½"	E358457
E-LRB 9	1 ½" - ¾"	E358457
E-LRB 10	1 ½" - 1"	E358457
E-LRB 11	1 ½" - 1 ¼"	E358457
E-LRB 12	2" - ½"	E358457
E-LRB 13	2" - ¾"	E358457
E-LRB 14	2" - 1"	E358457
E-LRB 15	2" - 1 ¼"	E358457
E-LRB 16	2" - 1 ½"	E358457
E-LRB 17	2 ½" - 1"	E358457
E-LRB 18	2 ½" - 1 ¼"	E358457
E-LRB 19	2 ½" - 1 ½"	E358457
E-LRB 20	2 ½" - 2"	E358457

USE : To reduce the entry size of threaded conduit to permit joining conduits of two different sizes.



Reducing Washers

Steel



Catalog Number	Max. Size (in)
E-L 298-21	¾" x ½"
E-L 298-31	1" x ½"
E-L 298-32	1" x ¾"
E-L 298-41	1¼" x ½"
E-L 298-42	1¼" x ¾"
E-L 298-43	1¼" x 1"
E-L 298-51	1½" x ½"
E-L 298-52	1½" x ¾"
E-L 298-53	1½" x 1"
E-L 298-54	1½" x 1¼"
E-L 298-61	2" x ½"
E-L 298-62	2" x ¾"
E-L 298-63	2" x 1"
E-L 298-64	2" x 1¼"
E-L 298-65	2" x 1½"
E-L 298-71	2½" x ½"
E-L 298-72	2½" x ¾"
E-L 298-73	2½" x 1"
E-L 298-74	2½" x 1¼"
E-L 298-75	2½" x 1½"
E-L 298-76	2½" x 2"
E-L 298-81	3" x ½"
E-L 298-82	3" x ¾"
E-L 298-83	3" x 1"
E-L 298-84	3" x 1¼"
E-L 298-85	3" x 1½"
E-L 298-86	3" x 2"
E-L 298-87	3" x 2½"
E-L 298-96	3½" x 2"
E-L 298-97	3½" x 2½"
E-L 298-98	3½" x 3"
E-L 298-106	4" x 2"
E-L 298-107	4" x 2½"
E-L 298-108	4" x 3"
E-L 298-109	4" x 3½"

USE : To reduce the size of a knockout on a sheet metal box, enclosure or cabinet. A pair of reducing washers is secured by a pair of locknuts for each knockout.



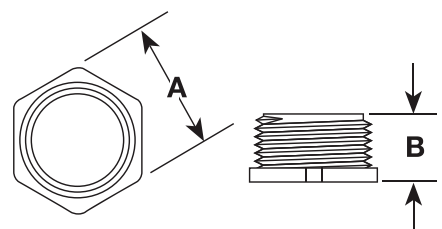
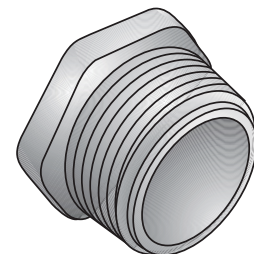
Bushed Conduit Nipples

Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions(in)		U.L. File No.
		A	B	
E-L CN50	½"	0.94	0.59	E468594
E-L CN75	¾"	1.19	0.72	E468594
E-L CN100	1"	1.38	0.85	E468594
E-L CN125	1¼"	1.74	0.87	E468594
E-L CN150	1½"	2.12	0.90	E468594
E-L CN200	2"	2.55	1.15	E468594
E-L CN250	2½"	3.21	1.43	E468594
E-L CN300	3"	3.80	1.43	E468594
E-L CN350	3½"	4.27	1.43	E468594
E-L CN400	4"	4.79	1.43	E358457

USE: Use through knockout to connect box to conduit coupling. Use with a locknut to connect two boxes side by side or back to back. Use with a locknut to connect fixture housings to continuous runs.



Threaded Oval Conduit Bodies

Type LB

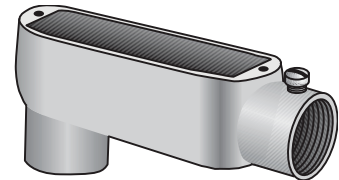
Copper-Free Die Cast Aluminum



Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-LB-50	1/2"	4.25	E358462
E-LB-75	3/4"	7.20	E358462
E-LB-100	1"	10.80	E358462
E-LB-125	1 1/4"	28.80	E358462
E-LB-150	1 1/2"	32.30	E358462
E-LB-200	2"	66.50	E358462
E-LB-250	2 1/2"	-	E358462
E-LB-300	3"	-	E358462
E-LB-350	3 1/2"	-	E358462
E-LB-400	4"	-	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type LB

With Cover and Gasket Assembled

Copper-Free Die Cast Aluminum

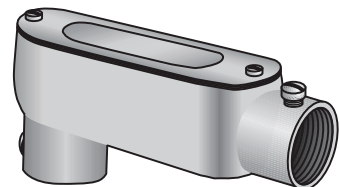


Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-LB-50-CG	1/2"	4.25	E358462
E-LB-75-CG	3/4"	7.20	E358462
E-LB-100-CG	1"	10.80	E358462
E-LB-125-CG	1 1/4"	28.80	E358462
E-LB-150-CG	1 1/2"	32.30	E358462
E-LB-200-CG	2"	66.50	E358462
E-LB-250-CG	2 1/2"	-	E358462
E-LB-300-CG	3"	-	E358462
E-LB-350-CG	3 1/2"	-	E358462
E-LB-400-CG	4"	-	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

• **Malleable Iron and Gray Iron models are also available.**
Please consult factory for details.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type LL

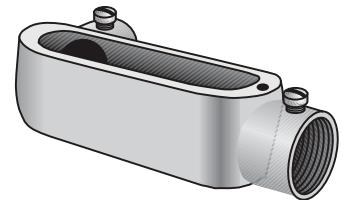
Copper-Free Die Cast Aluminum



Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-LL-50	1/2"	4.25	E358462
E-LL-75	3/4"	7.00	E358462
E-LL-100	1"	10.80	E358462
E-LL-125	1 1/4"	32.30	E358462
E-LL-150	1 1/2"	32.30	E358462
E-LL-200	2"	63.00	E358462
E-LL-250	2 1/2"	•	E358462
E-LL-300	3"	•	E358462
E-LL-350	3 1/2"	•	E358462
E-LL-400	4"	•	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type LL

With Cover and Gasket Assembled
Copper-Free Die Cast Aluminum

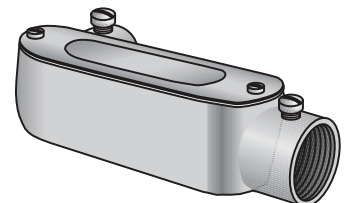


Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-LL-50-CG	1/2"	4.25	E358462
E-LL-75-CG	3/4"	7.00	E358462
E-LL-100-CG	1"	10.80	E358462
E-LL-125-CG	1 1/4"	32.30	E358462
E-LL-150-CG	1 1/2"	32.30	E358462
E-LL-200-CG	2"	63.00	E358462
E-LL-250-CG	2 1/2"	•	E358462
E-LL-300-CG	3"	•	E358462
E-LL-350-CG	3 1/2"	•	E358462
E-LL-400-CG	4"	•	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

• **Malleable Iron and Gray Iron models are also available.**
Please consult factory for details.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

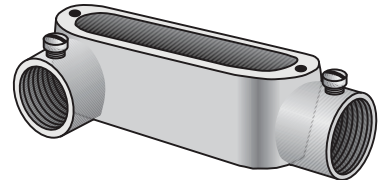
Type LR
Copper-Free Die Cast Aluminum



Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-LR-50	1/2"	4.25	E358462
E-LR-75	3/4"	7.00	E358462
E-LR-100	1"	10.80	E358462
E-LR-125	1 1/4"	32.30	E358462
E-LR-150	1 1/2"	32.30	E358462
E-LR-200	2"	63.00	E358462
E-LR-250	2 1/2"	•	E358462
E-LR-300	3"	•	E358462
E-LR-350	3 1/2"	•	E358462
E-LR-400	4"	•	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type LR
With Cover and Gasket Assembled
Copper-Free Die Cast Aluminum

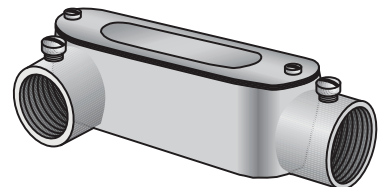


Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-LR-50-CG	1/2"	4.25	E358462
E-LR-75-CG	3/4"	7.00	E358462
E-LR-100-CG	1"	10.80	E358462
E-LR-125-CG	1 1/4"	32.30	E358462
E-LR-150-CG	1 1/2"	32.30	E358462
E-LR-200-CG	2"	63.00	E358462
E-LR-250-CG	2 1/2"	•	E358462
E-LR-300-CG	3"	•	E358462
E-LR-350-CG	3 1/2"	•	E358462
E-LR-400-CG	4"	•	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

• **Malleable Iron and Gray Iron models are also available.**
Please consult factory for details.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type C

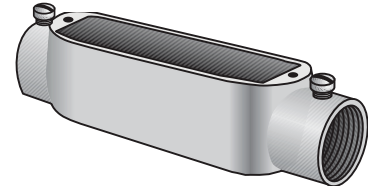
Copper-Free Die Cast Aluminum



Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-C-50	1/2"	4.25	E358462
E-C-75	3/4"	7.00	E358462
E-C-100	1"	10.80	E358462
E-C-125	1 1/4"	32.30	E358462
E-C-150	1 1/2"	32.30	E358462
E-C-200	2"	64.00	E358462
E-C-250	2 1/2"	•	E358462
E-C-300	3"	•	E358462
E-C-350	3 1/2"	•	E358462
E-C-400	4"	•	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type C

With Cover and Gasket Assembled

Copper-Free Die Cast Aluminum

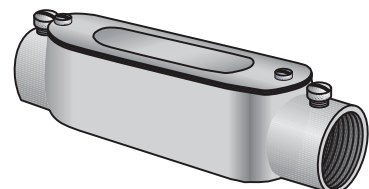


Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-C-50-CG	1/2"	4.25	E358462
E-C-75-CG	3/4"	7.00	E358462
E-C-100-CG	1"	10.80	E358462
E-C-125-CG	1 1/4"	32.30	E358462
E-C-150-CG	1 1/2"	32.30	E358462
E-C-200-CG	2"	64.00	E358462
E-C-250-CG	2 1/2"	•	E358462
E-C-300-CG	3"	•	E358462
E-C-350-CG	3 1/2"	•	E358462
E-C-400-CG	4"	•	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

• **Malleable Iron and Gray Iron models are also available.**
Please consult factory for details.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type T

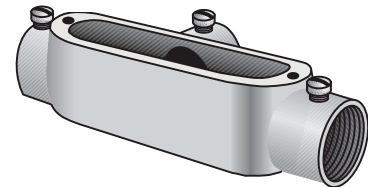
Copper-Free Die Cast Aluminum



Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-T-50	1/2"	4.25	E358462
E-T-75	3/4"	7.00	E358462
E-T-100	1"	10.80	E358462
E-T-125	1 1/4"	32.30	E358462
E-T-150	1 1/2"	32.30	E358462
E-T-200	2"	64.00	E358462
E-T-250	2 1/2"	.	E358462
E-T-300	3"	.	E358462
E-T-350	3 1/2"	.	E358462
E-T-400	4"	.	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type T

With Cover and Gasket Assembled

Copper-Free Die Cast Aluminum

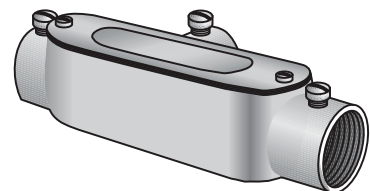


Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-T-50-CG	1/2"	4.25	E358462
E-T-75-CG	3/4"	7.00	E358462
E-T-100-CG	1"	10.80	E358462
E-T-125-CG	1 1/4"	32.30	E358462
E-T-150-CG	1 1/2"	32.30	E358462
E-T-200-CG	2"	64.00	E358462
E-T-250-CG	2 1/2"	.	E358462
E-T-300-CG	3"	.	E358462
E-T-350-CG	3 1/2"	.	E358462
E-T-400-CG	4"	.	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

• **Malleable Iron and Gray Iron models are also available.**
Please consult factory for details.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

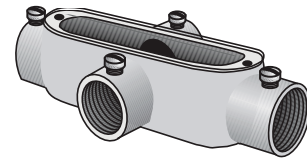
Type X Conduit bodies
Copper-Free Die Cast Aluminum



Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-X-50	1/2"	4.25	E358462
E-X-75	3/4"	7.00	E358462
E-X-100	1"	10.80	E358462
E-X-125	1 1/4"	32.30	E358462
E-X-150	1 1/2"	32.30	E358462
E-X-200	2"	64.00	E358462
E-X-250	2 1/2"	.	E358462
E-X-300	3"	.	E358462
E-X-350	3 1/2"	.	E358462
E-X-400	4"	.	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



Threaded Oval Conduit Bodies

Type X Conduit bodies
With Cover and Gasket Assembled
Copper-Free Die Cast Aluminum

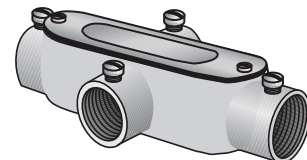


Catalog Number	Trade Size (in)	Cu. vol. (cu.in)	U.L. File No.
E-X-50-CG	1/2"	4.25	E358462
E-X-75-CG	3/4"	7.00	E358462
E-X-100-CG	1"	10.80	E358462
E-X-125-CG	1 1/4"	32.30	E358462
E-X-150-CG	1 1/2"	32.30	E358462
E-X-200-CG	2"	64.00	E358462
E-X-250-CG	2 1/2"	.	E358462
E-X-300-CG	3"	.	E358462
E-X-350-CG	3 1/2"	.	E358462
E-X-400-CG	4"	.	E358462

• Die Cast Aluminum conduit bodies are both threaded and set-screw, which makes E.M.T. installation more economical.

• **Malleable Iron and Gray Iron models are also available.**
Please consult factory for details.

USE : To join EMT, Rigid conduit or IMC and provide access to the interior of the raceway system for wire pulling, maintenance, additions or splicing as permitted by the National Electrical Code. The configuration of threaded entrances and covers permits installation and access from the appropriate direction.



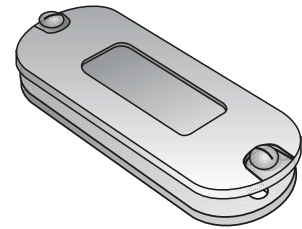
Covers and Gaskets

Integral Gaskets Covers

Aluminum Cover With Neoprene Integral Gasket



Catalog Number	Trade Size (in)	Unit Qty.	Weight Lbs.Per 100
E-L 050 GC	1/2"	50	6
E-L 075 GC	3/4"	50	7
E-L 100 GC	1"	50	8
E-L 125 GC	1 1/4"	50	17
E-L 150 GC	1 1/2"	50	17
E-L 200 GC	2"	25	26
E-L 250 GC	2 1/2"	10	26
E-L 300 GC	3"	10	80
E-L 350 GC	3 1/2"	10	80
E-L 400 GC	4"	10	145

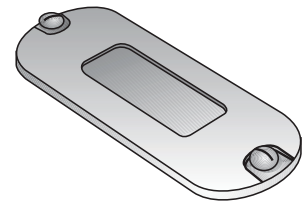


Covers

Copper-Free Aluminum Stamping



Catalog Number	Trade Size (in)	Unit Qty.	Weight Lbs.Per 100
E-L 050 SC	1/2"	50	5
E-L 075 SC	3/4"	50	6
E-L 100 SC	1"	50	7
E-L 125 SC	1 1/4"	50	15
E-L 150 SC	1 1/2"	50	24
E-L 200 SC	2"	25	24
E-L 250 SC	2 1/2"	10	78
E-L 300 SC	3"	10	78
E-L 350 SC	3 1/2"	10	140
E-L 400 SC	4"	10	140

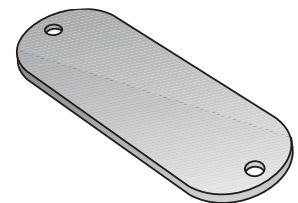


Gaskets

Neoprene Gaskets



Catalog Number	Trade Size (in)	Unit Qty.	Weight Lbs.Per 100
E-L 050 NG	1/2"	50	2
E-L 075 NG	3/4"	50	2
E-L 100 NG	1"	50	3
E-L 125 NG	1 1/4"	50	6
E-L 150 NG	1 1/2"	50	10
E-L 200 NG	2"	25	10
E-L 250 NG	2 1/2"	10	20
E-L 300 NG	3"	10	20
E-L 350 NG	3 1/2"	10	30
E-L 400 NG	4"	10	30



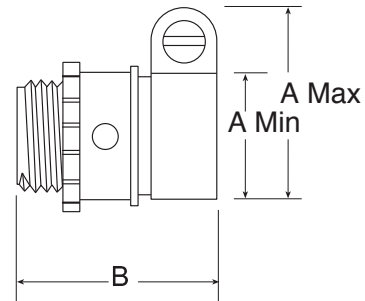
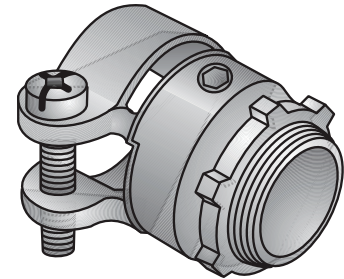
Straight Squeeze Connectors
 For Armored Cable and Flexible Metal Conduit
 Die Cast Zinc



USE : To terminate either Type AC armored cable or flexible metal conduit to a knockout in a dry location box or enclosure.

Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A Min.	A Max.	B	
E-L 42	3/8"†	.50	.63	1.00	E358461
E-L 42-1	1/2"	.74	.95	1.47	E358461
E-L 42-2	3/4"	.88	1.11	1.58	E358461
E-L 42-3	1"	1.14	1.38	1.75	E358461
E-L 42-4•	1 1/4"	1.42	1.65	1.91	E358461
E-L 42-5•	1 1/2"	1.68	1.94	2.09	E358461
E-L 42-6•	2"	2.08	2.56	2.34	E358461
E-L 42-7•	2 1/2"	2.85	3.25	2.81	E358461
E-L 42-8•	3"	3.33	3.63	3.84	E358461
E-L 42-9•	3 1/2"	3.75	4.10	4.19	E358461
E-L 42-10•	4"	4.18	4.58	4.56	E358461

†1/2 KO
 • UL and CSA Listed for Flexible Metal Conduit Only



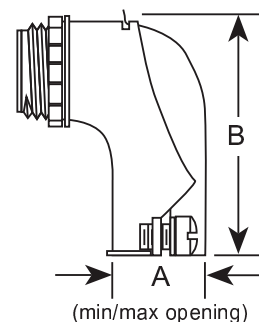
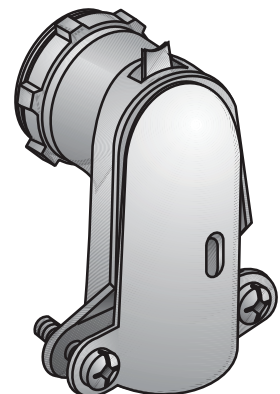
90° Angle 2-Screw Clamp Connectors
 For Armored Cable and Flexible Metal Conduit
 Die Cast Zinc



USE : To terminate either Type AC armored cable or flexible metal conduit to a knockout in a dry location box or enclosure (except as noted).

Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A Min.	A Max.	B	
E-L 110	3/8"†	.40	.63	1.81	E358461
E-L 110-1	1/2"	.65	.97	2.18	E358461
E-L 110-2	3/4"	.77	1.12	2.38	E358461
E-L 110-3•	1"	1.06	1.40	2.87	E358461
E-L 110-4•	1 1/4"	1.34	1.65	3.93	E358461
E-L 110-5•	1 1/2"	1.51	2.47	6.05	E358461
E-L 110-6•	2"	1.51	2.47	6.05	E358461
E-L 110-7•	2 1/2"	2.45	2.98	7.13	E358461
E-L 110-8•	3"	2.93	3.45	7.75	E358461
E-L 110-9•	3 1/2"	3.28	3.95	9.38	E358461
E-L 110-10•	4"	3.68	4.43	10.25	E358461

†1/2 KO
 • UL and CSA Listed for Flexible Metal Conduit Only



Combination Connector

For Non-Metallic, Armored Cable and Flexible Metal Conduit

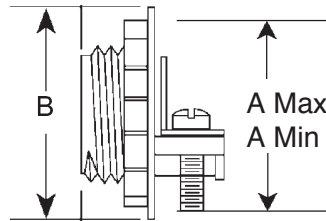
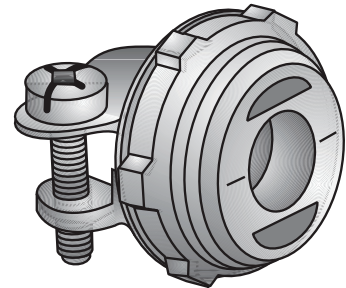
Die Cast Zinc



USE : To terminate non-metallic cable, Type AC armored cable or flexible metal conduit to a knockout in a dry location box or enclosure.

Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A Min.	A Max.	B	
E-L 57	3/8"†	.18	.64	1.18	E358461

†1/2 KO



Saddle Type Connector

For Armored Cable and Flexible Metal Conduit

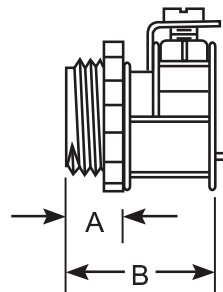
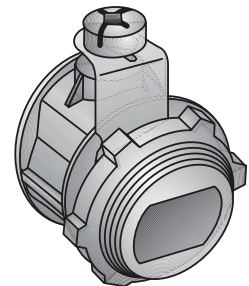
Die Cast Zinc



USE : To terminate either Type AC armored cable or flexible metal conduit to a knockout in a dry location box or enclosure.

Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A Min.	A Max.	B	
E-L 67	3/8"†	.12	.63	.98	E358461

†1/2 KO



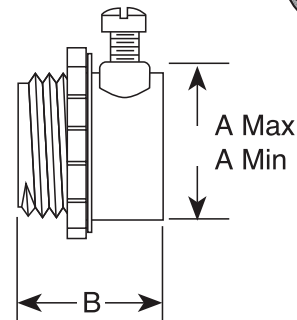
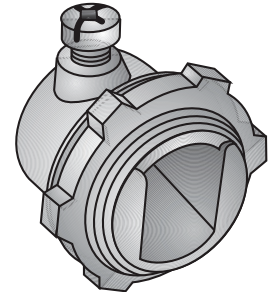
Box Connector
For Armored Cable
Die Cast Zinc



USE : To terminate Type AC armored cable to a knockout in a dry location box or enclosure.

Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A Min.	A Max.	B	
E-L 58	3/8"†	.38	.63	.84	E358461

†1/2 KO



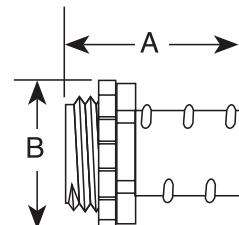
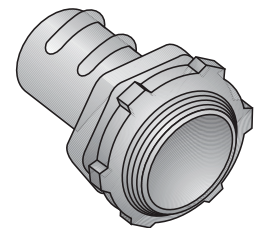
Screw-In Type Connectors
For Flexible Metal Conduit
Die Cast Zinc



USE : To terminate flexible metal conduit to a knockout in a dry location box or enclosure.

Catalog Number	Trade Size (in)	Dimensions (in)		U.L. File No.
		A	B	
E-L 44	3/8"†	1.31	.92	E358457
E-L 44-1	1/2"	1.38	.92	E358457
E-L 44-2	3/4"	1.62	1.12	E358457
E-L 44-3	1"	1.94	1.37	E358457
E-L 44-4	1 1/4"	2.12	1.75	E358457
E-L 44-5	1 1/2"	2.31	2.13	E358457
E-L 44-6	2"	2.58	2.67	E358457

†1/2 KO



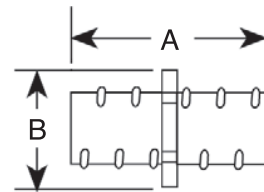
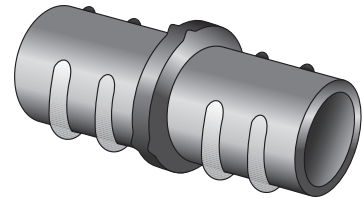
Screw-In Type Couplings

For Flexible Metal Conduit
Die Cast Zinc



USE : To join lengths of flexible metal conduit.

Catalog Number	Trade Size (in)	Dimensions (in)		U.L. File No.
		A	B	
E-L 45-1	1/2"	1.81	.92	E358457
E-L 45-2	3/4"	2.09	1.12	E358457
E-L 45-3	1"	2.41	1.37	E358457
E-L 45-4	1 1/4"	2.75	1.81	E358457
E-L 45-5	1 1/2"	3.05	2.12	E358457
E-L 45-6	2"	3.28	2.67	E358457



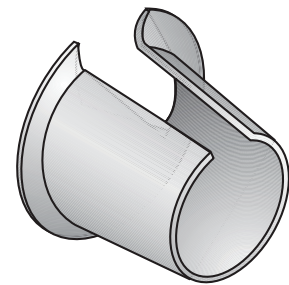
Anti-Short Bushings

Plastic



USE : Insert into the end of armored cable or flexible metal conduit to protect conductors from sharp edges.

Catalog Number	FMC Trade Size (in)	Pieces Per Bag
E-AS-0-PL	5/8"	100
E-AS-1-PL	3/8"	100
E-AS-2-PL	7/16"	50
E-AS-3-PL	1/2"	50
E-AS-4-PL	3/4"	50
E-AS-5-PL	1	25
E-AS-6-PL	1 1/4"	10
E-AS-7-PL	1 1/2"	10
E-AS-8-PL	2 to 2 1/2"	10



Non-Metallic Sheathed Cable Connector

Clamp Type Connectors

Twin Screw

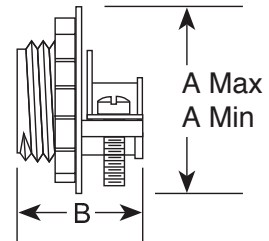
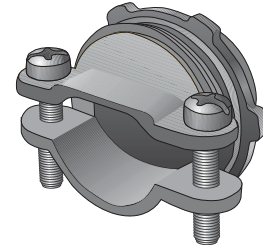
Die Cast Zinc



USE : To terminate Type SE cable or Type NM cable to a box or enclosure.

Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A Min.	A Max.	B	
E-L 51 <small>From 2 #14 to .64 Max. Opening</small>	3/8"†	.18	.64	1.21	E358460
E-L 104 A <small>Fits Service Entrance Cable 10-3, 6-2, 6-3, 4-2, 2-2 Non-metallic Cable 12-3, 10-3, 8-2</small>	3/4"	.30	.83	1.68	E358460
E-L 105 <small>Fits Service Entrance Cable 6-3, 4-3, 4-2, 2-2 Non-metallic Cable 12-3, 12-4, 10-3, 10-4, 8-3, 8-2, 6-2, 4-2</small>	1"	.33	1.04	1.93	E358460
E-L 106 <small>Fits Service Entrance Cable 10-2, 8-2, 6-2, 4-2 Non-metallic Cable 8-3, 6-3, 4-3, 2-3</small>	1 1/4"	.36	1.06	2.18	E358460
E-L 107 <small>Fits Service Entrance Cable 3-3, 3-2, 3-1 Non-Metallic Cable 3-3, 3-2, 3-1</small>	1 1/2"	.63	1.60	2.59	E358460
E-L 108 <small>Fits Service Entrance Cable 3-4/0</small>	2"	.86	2.06	2.93	E358460

† 1/2 KO



Service Entrance Ells

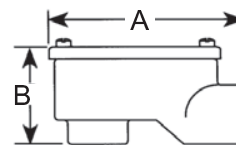
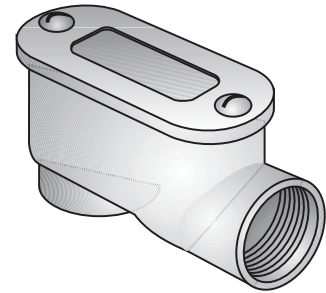
SLB

Copper-Free Die Cast Aluminum



USE : To provide access to the inside of a service raceway for wire pulling where the raceway changes direction.

Catalog Number	Trade Size (in)	Dimensions (in)		Cu. Vol. (cu.in.)	U.L. File No.
		A	B		
E-L 900	1/2"	3.79	1.76	1.80	E358457
E-L 901	3/4"	4.02	1.99	4.34	E358457
E-L 902	1"	4.94	2.50	5.96	E358457
E-L 903	1 1/4"	5.60	2.72	12.50	E358457
E-L 904	1 1/2"	6.79	3.10	20.65	E358457
E-L 905	2 "	7.74	3.88	44.92	E358457



Straight Liquid Tight Connectors

One-Piece Type

- No Pieces to Lose
- Fast Installation
- Reusable
- Meets or Exceeds All U.L. Pullout Requirements

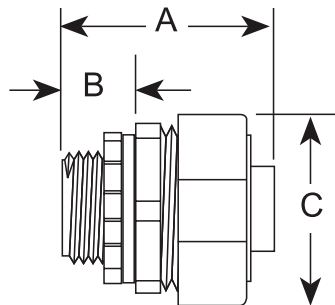
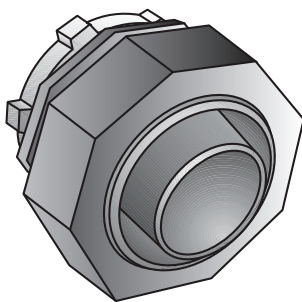
USE: To terminate and seal liquidtight flexible metal conduit to an oiltight, liquidtight or raintight box or enclosure. Connectors can be used with tapered thread female entry of unthreaded knockouts using the sealing washer and locknut provided.

Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A	B	C	
E-LTC 38A	3/8"†	1.73	.52	1.15	E358457
E-LTC 50A	1/2"	1.73	.52	1.15	E358457
E-LTC 75	3/4"	2.04	.52	1.37	E358457
E-LTC 100	1"	2.58	.67	1.64	E358457
E-LTC 125	1 1/4"	3.06	.67	2.00	E358457
E-LTC 150	1 1/2"	3.40	.67	2.25	E358457
E-LTC 200	2"	4.15	.75	2.75	E358457
E-LTC 250	2 1/2"	4.84	1.14	3.32	E358457
E-LTC 300	3"	5.15	1.20	3.95	E358457
E-LTC 350	3 1/2"	5.45	1.25	4.55	E358457
E-LTC 400	4"	5.75	1.30	4.95	E358457

- Malleable iron and steel models are also available
- Please contact factory for details.



45° Liquid Tight Connectors

One-Piece Type

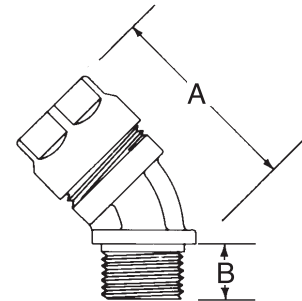
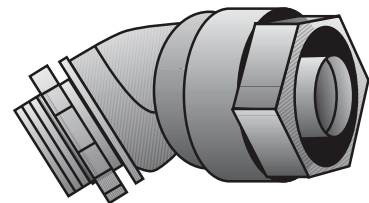
- No Pieces to Lose
- Fast Installation
- Reusable
- Meets or Exceeds All U.L. Pullout Requirements

Die Cast Zinc

Catalog Number	Trade Size (in)	Dimensions (in)		U.L. File No.
		A	B	
E-LTC 38-45	3/8"†	1.80	.52	E358457
E-LTC 50-45	1/2"	1.82	.52	E358457
E-LTC 75-45	3/4"	2.09	.52	E358457
E-LTC 100-45	1"	2.65	.67	E358457
E-LTC 125-45	1 1/4"	3.11	.67	E358457
E-LTC 150-45	1 1/2"	3.45	.67	E358457
E-LTC 200-45	2"	4.21	.67	E358457
E-LTC 250-45	2 1/2"	4.96	1.14	E358457
E-LTC 300-45	3"	5.27	1.20	E358457
E-LTC 350-45	3 1/2"	5.57	1.25	E358457
E-LTC 400-45	4"	5.87	1.30	E358457

• Malleable iron and steel models are also available
Please contact factory for details.

USE: To terminate and seal liquidtight flexible metal conduit to an oiltight, liquidtight or raintight box or enclosure. Connectors can be used with tapered thread female entry of unthreaded knockouts using the sealing washer and locknut provided.



90° Liquid Tight Connectors

One-Piece Type

- No Pieces to Lose
- Fast Installation
- Reusable
- Meets or Exceeds All U.L. Pullout Requirements

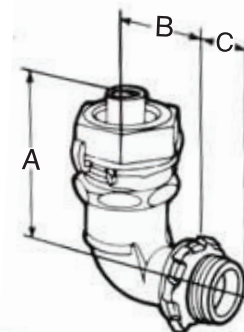
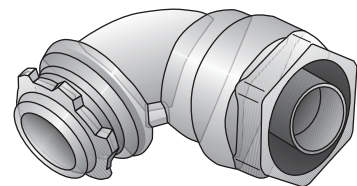
Die Cast Zinc



Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A	B	C	
E-LTC 38-90A	3/8"†	2.16	.83	.52	E358457
E-LTC 50-90A	1/2"	2.16	.83	.52	E358457
E-LTC 75-90	3/4"	2.57	.95	.52	E358457
E-LTC 100-90	1"	3.22	1.12	.67	E358457
E-LTC 125-90	1 1/4"	3.87	1.45	.67	E358457
E-LTC 150-90	1 1/2"	4.33	1.53	.67	E358457
E-LTC 200-90	2"	5.35	1.86	.67	E358457
E-LTC 250-90	2 1/2"	6.38	2.16	1.14	E358457
E-LTC 300-90	3"	7.00	2.52	1.20	E358457
E-LTC 350-90	3 1/2"	7.54	2.81	1.25	E358457
E-LTC 400-90	4"	8.11	3.10	1.30	E358457

• Malleable iron and steel models are also available
Please contact factory for details.

USE: To terminate and seal liquidtight flexible metal conduit to an oiltight, liquidtight or raintight box or enclosure. Connectors can be used with tapered thread female entry of unthreaded knockouts using the sealing washer and locknut provided.



Combination Couplings

For Threaded RSC and IMC

Type LFC

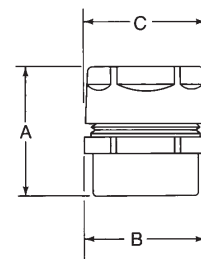
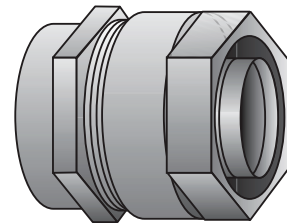
Features:

- Female hub, NPT for connection to threaded conduit
- Liquidtight/Raintight/Oiltight/Concretetight

Material/Finish:

Malleable Iron/Zinc Plated

USE: Secures, grounds and seals liquidtight flexible metal conduit to threaded rigid conduit and IMC.



Catalog Number	Trade Size (inches)	Dimensions (in)		
		A	B	C
E-LFC50	1/2"	1.56	1.31	1.25
E-LFC75	3/4"	1.63	1.56	1.50
E-LFC100	1"	1.82	1.82	1.75

For Electrical Metallic Tubing (EMT)

Type LSC

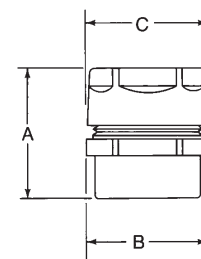
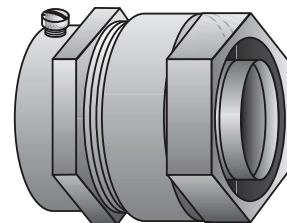
Features:

- Female hub, set-screw for connection to threadless conduit
- Liquidtight/Raintight/Oiltight/Concretetight

Material/Finish:

Malleable Iron/Zinc Plated

USE: Secures, grounds and seals liquidtight flexible metal conduit to threadless conduit EMT.



Catalog Number	Trade Size (inches)	Dimensions (in)		
		A	B	C
E-LSC50	1/2"	1.56	1.31	1.25
E-LSC75	3/4"	1.63	1.56	1.50
E-LSC100	1"	1.82	1.82	1.75

Conduit Spacer Bar Saddle
Galvanized Steel

- Available sizes: 20mm and 25mm, 32mm.
- Standard: BS4568/EN500863
- Finish: Hot-dip Galvanized



USE: To provide space between conduits and mounting surface as well as to support conduits to mounting surface.



Catalog Number	Size (in/mm)	Outer Diameter		Thickness (mm)	Thread Length (mm)	
		Min	Max		Min	Max
E-L SP020	1/2" / 20mm	19.7mm	20.0mm	1.6 ± 0.15	13.0mm	15.0mm
E-L SP025	3/4" / 25mm	24.6mm	25.0mm	1.6 ± 0.15	16.0mm	18.0mm
E-L SP032	1" / 32mm	21.6mm	32.0mm	1.6 ± 0.15	18.0mm	20.0mm
E-L SP040	1 1/2" / 40mm	39.5mm	40.0mm	1.6 ± 0.15	19.0mm	22.0mm
E-L SP050	2" / 50mm	49.5mm	50.0mm	1.6 ± 0.15	19.0mm	22.0mm

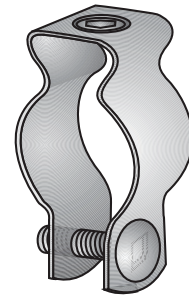


Conduit Hangers
With Carriage Bolts and Nuts Attached
Steel



Catalog Number	Trade Size	Description (Fits Conduit Size in)	U.L. File No.
E-CH-0 WBA	0	3/8-1/2 Rigid, 1/2 EMT	E358456
E-CH-1 WBA	1	3/4 Rigid , 3/4 EMT	E358456
E-CH-2 WBA	2	1 Rigid, 1 EMT	E358456
E-CH-2 1/2 WBA	2 1/2	1 1/4 EMT	E358456
E-CH-3 WBA	3	1 1/4 Rigid, 1 1/2 EMT	E358456
E-CH-4 WBA	4	1 1/2 Rigid	E358456
E-CH-5 WBA	5	2 Rigid, 2 EMT	E358456
E-CH-6 WBA	6	2 1/2 Rigid	E358456
E-CH-7 WBA	7	3 Rigid	E358456
E-CH-8 WBA	8	3 1/2 Rigid	E358456
E-CH-9 WBA	9	4 Rigid	E358456

USE : To secure and suspend Rigid conduit, IMC, EMT or PVC conduit from overhead supports. Slotted carriage bolt frees both hands for installation. Each part is stamped with trade size markings.

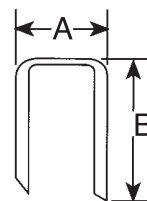
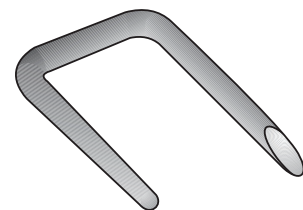


Cable Staples
For Non-Metallic Cable
Steel



Catalog Number	Trade Size	Dimensions (in)		U.L. File No.
		A	B	
E-ST 10-NMC2	2 Wire # 14-12	0.73	1.12	E358456
E-ST 10-NMC3	3 Wire # 14,12,10	0.80	1.37	E358456
E-ST 10-SEU3-6	3 Wire # 6	1.30	1.32	E358456
E-ST 10-SEU3-2	3 Wire # 12	1.60	1.32	E358456

USE : To secure Type NM, Type AC or service entrance cable as indicated to wooden structure members.



Conduit Supports

Hot-Dip Galvanized

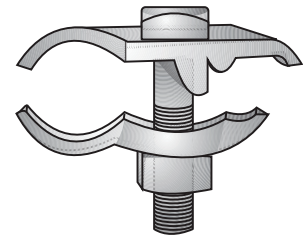
Right Angle Type

Malleable Iron



USE : To secure Rigid, IMC or EMT conduit parallel to or at right angles to a beam, girder, channel or angle supports.

Catalog Number	Trade Size (in)
E-PA 50	1/2"
E-PA 75	3/4"
E-PA 100	1"
E-PA 125	1 1/4"
E-PA 150	1 1/2"
E-PA 200	2"
E-PA 250	2 1/2"
E-PA 300	3"
E-PA 350	3 1/2"
E-PA 400	4"



- All components of Electroline conduit supports are hot-dip galvanized to insure maximum corrosion protection.
- Hot-dip galvanizing provides a coating thickness far in excess of zinc electroplating.

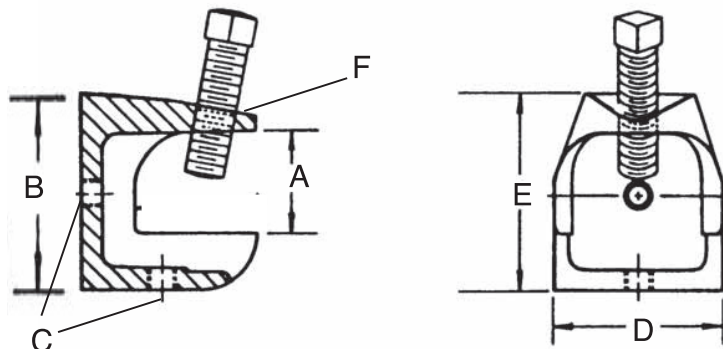
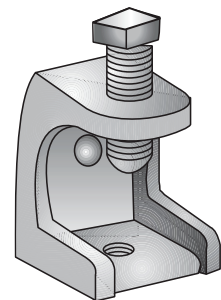
Beam Clamps

Malleable Iron



USE : To clamp on a beam, girder or other structural member to provide a mounting base for the attachment of conduit hangers, either directly or by means of threaded rod.

Catalog Number	Trade Size (in)	Dimensions (in)						U.L. File No.
		A	B	C	D	E	F	
E-L 286	1"	.87	1.56	1/4-20	1.25	1.06	5/16-18	E358456
E-L 287	1 1/2"	.87	1.75	5/16-18	1.62	1.50	3/8-16	E358456
E-L 288	2"	.93	2.00	3/8-16	2.00	2.00	1/2-13	E358456
E-L 289	2 1/2"	.93	2.50	1/2-13	2.50	2.50	5/8-11	E358456



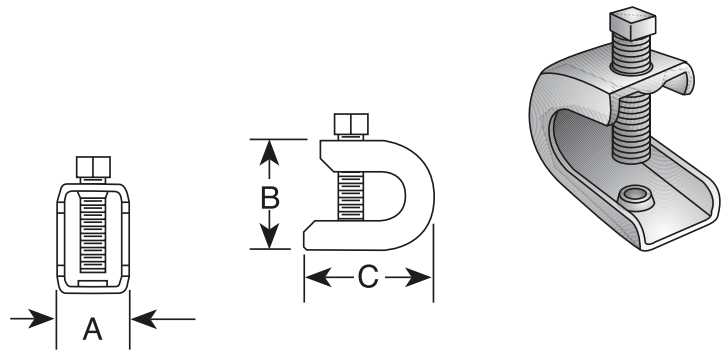
Beam Clamps

Steel



USE : To clamp on a beam, girder or other structural member to provide a mounting base for the attachment of conduit hangers, either directly or by means of threaded rod.

Catalog Number	Trade Size (in)	Dimensions (in)			U.L. File No.
		A	B	C	
E-L 285	1"	1.50	.87	1.62	E358456



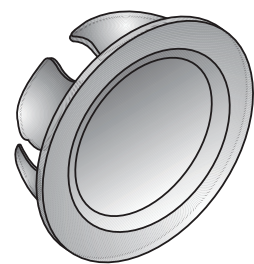
Knock-Out Seals

Steel



USE : To close an unused knockout hole in a box, enclosure or cabinet.

Catalog Number	Trade Size (in)
E-LT 199-1	1/2"
E-LT 199-2	3/4"
E-LT 199-3	1"
E-LT 199-4	1 1/4"
E-LT 199-5	1 1/2"
E-LT 199-6	2"



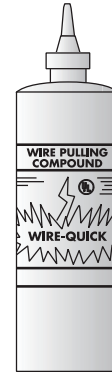
Wire Pulling Compound
For Lead, Rubber and Synthetic Covered Cables



USE : To lubricate wires to facilitate pulling through conduit.

Catalog Number	Unit
E-Y-1	1 quart bottle
E-Y-2	1 gallon pail
E-Y-3	5 gallon pail

NOTE: Order by number of unit packs.



Duct Seal
Sealing Compound



USE : As a sealant for electrical conduits, ducts and service box closures, terminal openings, open pipe ends or around rubber and plastic-covered wire and cable.

Catalog Number	Shelf Ctn.
E-DS-1	1 lb. slug
E-DS-5	5 lb. slug



Green Grounding Screws

With Solid Copper # 14 AWG Bare Wire



Catalog
Number

E-1032-PT14B

With Stranded Copper # 12 Insulated
Wire and Spade Terminal

E-1032-PT12I

Grounding Screw, 3/8" With #10-32 Thread

E-1032

USE : To attach ground wire to a switch or outlet box or other device to provide bonding path to ground.



Ground Rod Clamps

Listed for Direct Burial
Bronze



Catalog
Number

Pipe
Size (in)

E-L 150

1/2"

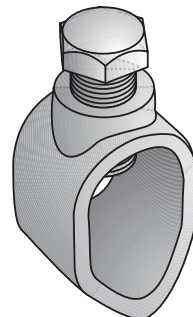
E-L 151

5/8"

E-L 152

3/4"

USE : To terminate bare copper conductor directly to ground rod. Suitable for direct burial applications.



Fish Tapes

Specification

- Cable length 50ft, 100ft, 200ft
- High - impact plastic case
- Durable nylon handle



Function

- For pulling electrical or telecommunication wire

Catalog Number	Pcs / Ctn	Length	Dimension (inch)
E-L-FT50	12	50FT / 15MT	17x9x11"
E-L-FT100	6	100FT / 30MT	15x13x10"
E-L-FT200	6	200FT / 61MT	15x13x10"

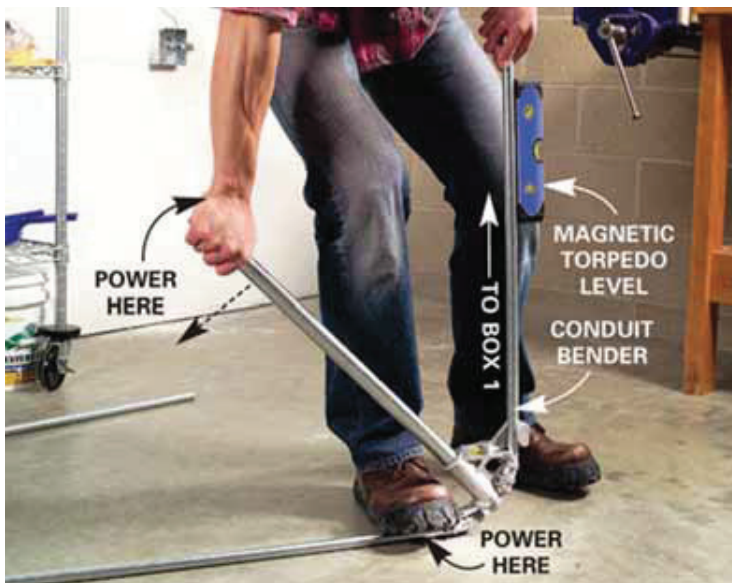


Aluminum Conduit Benders

Features

- Lightweight aluminum construction for easy handling
- Heat treated for extra strength-reinforced at stress points for longer life
- Precision-located degree scale, star, arrow and rim notch for perfect bends every time
- Markings are raised and cast into bender body on both sides for easy visibility
- Deeply serrated step helps prevent slippage when applying maximum leverage
- Grooved internal hook surface helps prevent conduit from slipping
- Flat hook surface provides stable starting point

Bender & Handle Catalog Number	Conduit Type and Size
E-CB 50	½" EMT
E-CB 75	¾" EMT, ½" Rigid and ½" IMC
E-CB 100	1" EMT, ¾" Rigid and ¾" IMC
E-CB 125	1-1¼" EMT, 1" Rigid and 1" IMC

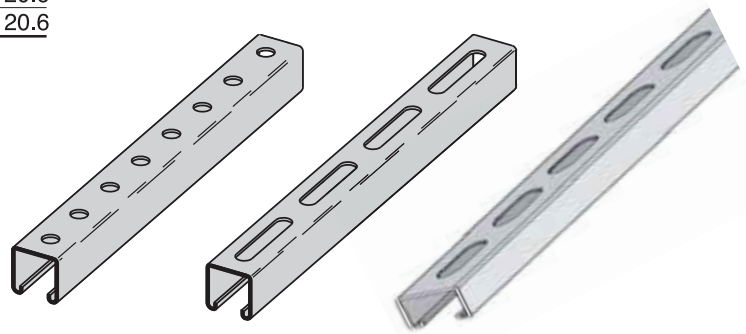
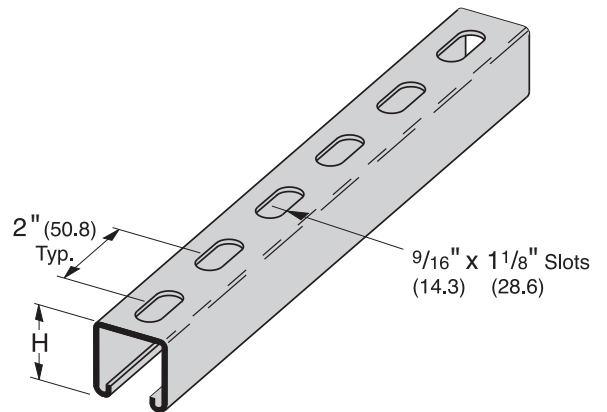


E-PS11 THRU E-PS56

Pre-Galvanized Strut Channels

For beam loads use 90% of Channel Loading Chart

Catalog Number	Height	
	In.	mm.
E-PS11	3 1/4"	82.5
E-PS12	2 7/16"	61.9
E-PS22	1 5/8"	41.3
E-PS24	1 5/8"	41.3
E-PS26	1 5/8"	41.3
E-PS32	1 3/8"	34.9
E-PS42	1"	25.4
E-PS52	13/16"	20.6
E-PS54	13/16"	20.6
E-PS56	13/16"	20.6



Spring Nuts

- Provides resistance to pull-out and side slip
- Silver electroplated finish
- Designed for use with all A and C series channels and inserts
- Alternate teeth are spaced and designed to develop a wedging action that increases with pressure or load



Catalog Number	Size	
	Metric	in
E-SN1	M6	1/4"
E-SN2	M8	5/16"
E-SN3	M10	3/8"
E-SN4	M12	1/2"

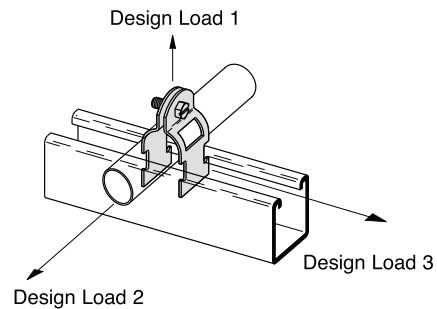
Strut Clamps

Multi-Grip Pipe Clamps For
EMT, IMC, Rigid Conduit Or Pipe

- * Includes Slotted Hex Head Machine Screw and Square Nut
- * Material: ASTM A570 Gr. 33
- * Standard finish: ZN



Catalog Number	Conduit Size	Material Thickness	Design Load 1		Design Load 2		Design Load 3		U.L. File No.
			Lbs.	kN	Lbs.	kg	Lbs.	kg	
E-L GH-38	3/8" (10)	16 Ga. (1.5)	400	(1.78)	50	(.22)	50	(.22)	E358456
E-L GH-50	1/2" (15)	16 Ga. (1.5)	400	(1.78)	50	(.22)	50	(.22)	E358456
E-L GH-75	3/4" (20)	14 Ga. (1.9)	600	(2.67)	75	(.33)	75	(.33)	E358456
E-L GH-100	1" (25)	14 Ga. (1.9)	600	(2.67)	75	(.33)	75	(.33)	E358456
E-L GH-125	1 1/4" (32)	14 Ga. (1.9)	600	(2.67)	75	(.33)	75	(.33)	E358456
E-L GH150	1 1/2" (40)	12 Ga. (2.6)	800	(3.56)	125	(.56)	125	(.56)	E358456
E-L GH-200	2" (50)	12 Ga. (2.6)	800	(3.56)	125	(.56)	125	(.56)	E358456
E-L GH-250	2 1/2" (65)	12 Ga. (2.6)	800	(3.56)	125	(.56)	125	(.56)	E358456
E-L GH-300	3" (80)	12 Ga. (2.6)	800	(3.56)	125	(.56)	125	(.56)	E358456
E-L GH-350	3 1/2" (90)	11 Ga. (3.0)	1000	(4.45)	200	(.89)	150	(.67)	E358456
E-L GH-400	4" (100)	11 Ga. (3.0)	1000	(4.45)	200	(.89)	150	(.67)	E358456

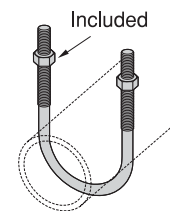
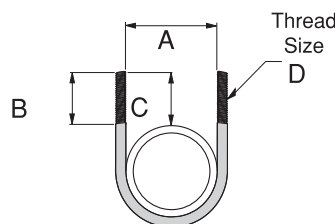


U-BOLT

- * Designed for use with Rigid Conduit or Iron Pipe
- * Dimension "C" is dependent on the type of pipe or conduit supported and is a reference only



Catalog Number	Trade Size (in.)	A		B		C		D
E-UB50	1/2"	15/16"	(23.8)	1 3/4"	(44.4)	1 1/2"	(38.1)	5/16"-18
E-UB75	3/4"	1 1/8"	(28.6)	1 3/4"	(44.4)	1 5/8"	(41.3)	5/16"-18
E-UB100	1"	1 3/8"	(29.9)	1 7/8"	(47.6)	1 5/8"	(41.3)	5/16"-18
E-UB125	1 1/4"	1 23/32"	(43.6)	1 3/4"	(44.4)	1 15/32"	(37.3)	5/16"-18
E-UB150	1 1/2"	2"	(50.8)	1 3/4"	(44.4)	1 7/16"	(36.5)	5/16"-18
E-UB200	2"	2 7/16"	(61.9)	2 1/16"	(52.4)	1 7/8"	(47.6)	3/8"-16
E-UB250	2 1/2"	2 15/16"	(74.6)	2 1/16"	(52.4)	1 13/16"	(46.0)	3/8"-16
E-UB300	3"	3 3/16"	(90.5)	2"	(50.8)	1 3/4"	(44.4)	3/8"-16
E-UB350	3 1/2"	4 3/32"	(94.6)	2"	(50.8)	1 23/32"	(43.6)	3/8"-16
E-UB400	4"	4 19/32"	(116.7)	2 1/4"	(57.1)	1 21/32"	(50.0)	3/8"-16
E-UB500	5"	5 21/32"	(143.6)	2 1/4"	(57.1)	2"	(50.8)	1/2"-13
E-UB600	6"	6 3/4"	(171.4)	2 5/8"	(66.7)	2 3/8"	(60.3)	5/8"-11
E-UB800	8"	8 3/4"	(222.2)	2 5/8"	(66.7)	2 3/8"	(60.3)	5/8"-11





INTRODUCES

SCHUKO WIRING DEVICE ADAPTER

OUR UNIQUE PRODUCT ALLOWS THE EUROPEAN SWITCHES AND RECEPTACLE TO BE MOUNTED ON A NEMA TYPE DEVICE BOX.

The adapter plates are available in single and two gang configurations and suitable for use with the following devices:

- Legrand Armada Series Switches
- Legrand Armada Series Receptacles
- Legrand Armada Series RCBOs
- Legrand Armada Series Data Receptacles

Catalog Number	Number of Gangs	Color
E-L-12PC-GRY	1	Gray
E-L-12PC-WHT	1	White
E-L-22PC-GRY	2	Gray
E-L-22PC-WHT	2	White



*Consult the factory for weatherproof application covers

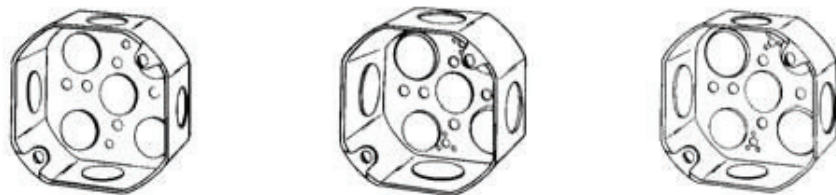
4" Octagon Boxes

Applications

Octagon boxes are used in the installation of ceiling or wall lighting fixtures



Catalog Number	Knockout		Deep	Cubic In.	U.L. File No.
	Sides	Bottom			
E-L T81-22	2-1/2", 2-3/4"	3-1/2", 2-3/4"	1 1/2"	15.5	E358462
E-L T81-75	4-3/4"	3-1/2", 2-3/4"	2 1/8"	21.5	E358462
E-L T81-22D	2-1/2", 2-3/4"	3-1/2", 2-3/4"	2 1/8"	21.5	E358462
E-L T81-100	4-1"	3-1/2", 2-3/4"	2 1/8"	21.5	E358462



4" Utility Boxes

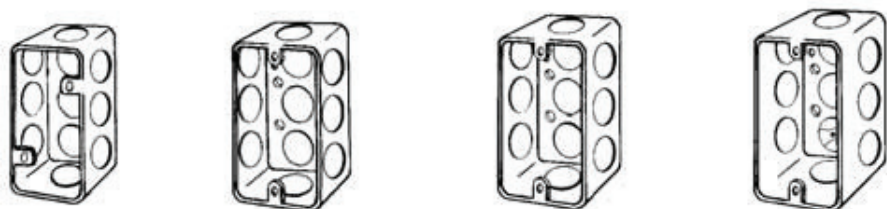
Applications

Handy Boxes, also called utility boxes, are used for convenience outlets, switch boxes or small junction boxes

- They are popular for exposed work applications (surface mounted wiring)



Catalog Number	Knockout		Deep	Cubic In.	U.L. File No.
	Sides	Bottom			
E-L-T242-50	8- 1/2"	3- 1/2"	1- 1/2"	10.3	E358462
E-L-T243-50	8- 1/2"	3- 1/2"	1- 7/8"	13	E358462
E-L-T243-75	6- 3/4"	3- 1/2"	1- 7/8"	13	E358462
E-L-T244-50	8- 1/2"	3- 1/2"	2- 1/2"	14.5	E358462
E-L-T244-75	6- 3/4"	3- 1/2"	2- 1/2"	14.5	E358462



4" & 4 1/16"

Square Outlet Boxes



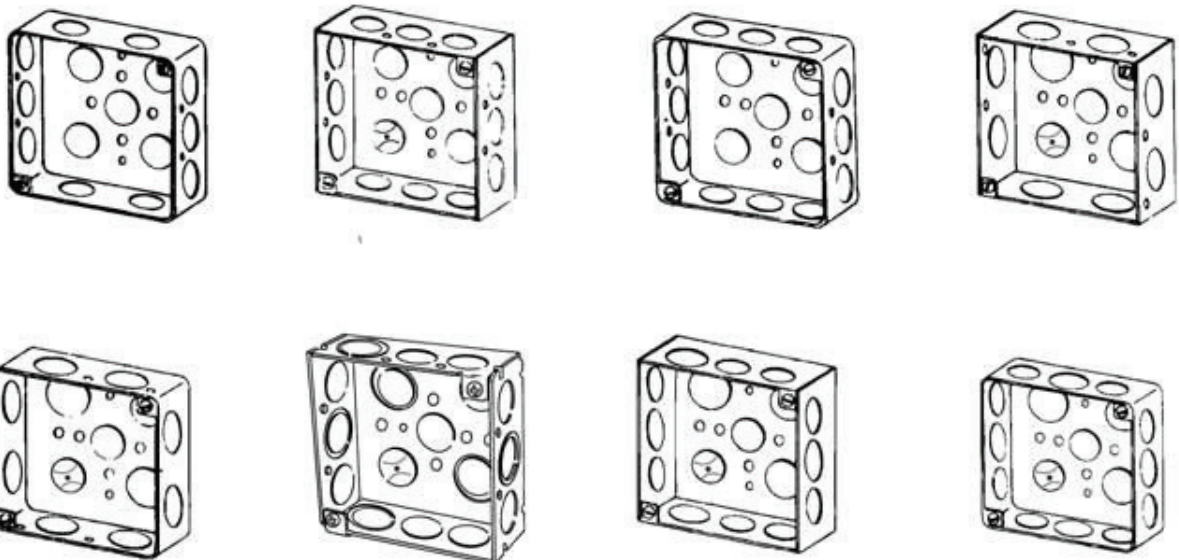
Applications

- Boxes are installed in ceilings or walls for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices
- Drawn boxes are ideal for exposed work applications

Product Features

- Combination screw heads provide for faster installation
- Thru-the-wall box is designed for shallow wall applications and allows for attachment of wallplate to both faces of box
- Knockouts allow for design and installation flexibility

Catalog Number	Size	Knockout		Depth	Cubic In.	U.L. File No.
		Side	Bottom			
E-L-T441-84	4" (Welded)	8-1/2", 4-1/2"+3/4"	2-1/2", 2-1/2"+3/4"	1 1/2"	22	E358462
E-L-T441-75	4" (Drawn)	8-3/4"	3-1/2", 2-3/4"	1 1/2"	21	E358462
E-L-T441-8432	4" (Drawn)	8-1/2", 4-3/4"	3-1/2", 2-3/4"	1 1/2"	21	E358462
E-L-T441-75D	4" (Drawn)	8-3/4"	2-1/2", 2-1/2"&3/4"	2 1/8"	30.3	E358462
E-L-T441-8432D	4" (Drawn)	8-3/4", 4-3/4"	3-1/2", 2-3/4"	2 1/8"	30.3	E358462
E-L-T441-100	4" (Drawn)	8-1"	2-1/2", 2-1/2"&3/4"	2 1/8"	30.3	E358462
E-L-T442-84	4 1/16" (Drawn)	8-1/2", 4-3/4"	3-1/2", 2-3/4"	2 1/8"	42	E358462
E-L-T442-44	4 1/16" (Drawn)	4-3/4", 4-1"	3-1/2", 2-3/4"	2 1/8"	42	E358462
E-L-T442-100	4 1/16" (Drawn)	8-1"	3-1/2", 2-3/4"	2 1/8"	42	E358462





Catalog Number	Description	Shape	Size In.	Capacity Cubic In.	U.L. File No.
E-L-4RBC	Flat, Blank	Octagon	4"	-	E358462
E-L-4RBCK	Flat, With 1/2" KO	Octagon	4"	-	E358462
E-L-TC43-4BC	Flat, Blank	Square	4"	-	E358462
E-L-TC43-4BCK	Flat, With 1/2" KO	Square	4"	-	E358462
E-L-TC41-000	Mud Ring, Flat, One Device	Square	4"	-	E358462
E-L-TC42-000	Mud Ring, Flat, One Device	Square	4"	-	E358462
E-L-TC44-2T	Surface, Two Toggle Switches, 1/2" Raised	Square	4"	5.5	E358462
E-L-TC44-2D	Surface, Two Duplex Receptacles, 1/2" Raised	Square	4"	5.5	E358462
E-L-TC43-4BCW	Flat, Blank	Square	4 1/16"	-	E358462
E-L-TC43-4BCKW	Flat, With 1/2" KO	Square	4 1/16"	-	E358462
E-L-TC24-BC	Flat	Utility	4"	-	E358462
E-L-TC24-KO	1/2" KO	Utility	4"	-	E358462
E-L-1BC-DV	Duplex Receptacle	Utility	4"	-	E358462
E-L-TC24-TS	One Toggle Switch	Utility	4"	-	E358462
E-L-TC44-2TR	For Two Toggle Switches, 1/2" Raised	Square	4 1/16"	9	E358462
E-L-TC44-2DR	For Two Duplex Receptacles, 1/2" Raised	Square	4 1/16"	9	E358462



E-L-4RBC



E-L-4RBCK



E-L-TC43-4BC



E-L-TC43-4BCK



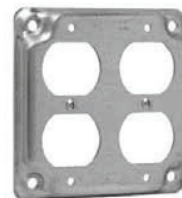
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E-L-TC42-000



E-L-TC44-2T



E-L-TC44-2D



E-L-TC43-4BCW



E-L-TC43-4BCKW



E-L-TC24-KO



E-L-1BC-DV



E-L-TC24-TS



E-L-TC44-2TR



E-L-TC44-2DR

1- Gang Boxes

Depth : 2"

Length : 4 9/16"

Width : 2 13/16"

Die Cast Aluminum
Lugs, Closure Plug
Screws Included

Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's



Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch	U.L. File No.
E-L-FSB50-3	3	1/2"	Gray	18.3	E358462
E-L-FSB50-4	4	1/2"	Gray	17.0	E358462
E-L-FSB50-5	5	1/2"	Gray	15.8	E358462
E-L-FSB50-5X	5	1/2"	Gray	15.8	E358462
E-L-FSB75-3	3	3/4"	Gray	18.3	E358462
E-L-FSB75-4	4	3/4"	Gray	17.0	E358462
E-L-FSB75-5	5	3/4"	Gray	15.8	E358462
E-L-FSB75-5X	5	3/4"	Gray	15.8	E358462
E-L-FSB100-3	3	1"	Gray	15.8	E358462

* Also available in bronze and white color. Please consult the factory for more information.



E-L-FSB50-3
E-L-FSB75-3
E-L-FSB100-3



E-L-FSB50-4
E-L-FSB75-4



E-L-FSB50-5
E-L-FSB75-5



E-L-FSB50-5X
E-L-FSB75-5X

1- Gang Deep Boxes

Depth : 2 5/8"

Length : 4 9/16"

Width : 2 13/16"

Die Cast Aluminum
Lugs, Closure Plug,
Screws Included

Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's



Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch	U.L. File No.
E-L-DB50-3	3	1/2"	Gray	23.8	E358462
E-L-DB50-4	4	1/2"	Gray	23.8	E358462
E-L-DB50-5	5	1/2"	Gray	23.8	E358462
E-L-DB50-5X	5	1/2"	Gray	23.8	E358462
E-L-DB75-3	3	3/4"	Gray	23.8	E358462
E-L-DB75-4	4	3/4"	Gray	23.8	E358462
E-L-DB75-5	5	3/4"	Gray	23.8	E358462
E-L-DB75-5X	5	3/4"	Gray	23.8	E358462
E-L-DB100-3	3	1"	Gray	23.8	E358462
E-L-DB100-5X	5	1"	Gray	23.8	E358462

* Also available in bronze and white color. Please consult the factory for more information.



E-L-DB50-3
E-L-DB75-3
E-L-DB100-3



E-L-DB50-4
E-L-DB75-4



E-L-DB50-5
E-L-DB75-5



E-L-DB50-5X
E-L-DB75-5X
E-L-DB100-5X



2- Gang Boxes

Depth : 2 3/16"

Length : 4 9/16"

Width : 4 9/16"

Die Cast Aluminum
Lugs, Closure Plug,
Screws Included

Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's

Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch	U.L. File No.
E-L-TGB50-3	3	1/2"	Gray	30.5	E358462
E-L-TGB50-4	4	1/2"	Gray	30.5	E358462
E-L-TGB50-5	5	1/2"	Gray	30.5	E358462
E-L-TGB50-5X	5	1/2"	Gray	30.5	E358462
E-L-TGB50-6X	6	1/2"	Gray	30.5	E358462
E-L-TGB50-7	7	1/2"	Gray	30.5	E358462
E-L-TGB50-7X	7	1/2"	Gray	30.5	E358462
E-L-TGB50-9	9	1/2"	Gray	30.5	E358462
E-L-TGB75-3	3	3/4"	Gray	30.5	E358462
E-L-TGB75-4	4	3/4"	Gray	30.5	E358462
E-L-TGB75-5	5	3/4"	Gray	30.5	E358462
E-L-TGB75-5X	5	3/4"	Gray	30.5	E358462
E-L-TGB75-6X	6	3/4"	Gray	30.5	E358462
E-L-TGB75-7	7	3/4"	Gray	30.5	E358462
E-L-TGB75-7X	7	3/4"	Gray	30.5	E358462
E-L-TGB75-9	9	3/4"	Gray	30.5	E358462
E-L-TGB100-3	3	1"	Gray	30.5	E358462
E-L-TGB100-4	4	1"	Gray	30.5	E358462
E-L-TGB100-5X	5	1"	Gray	30.5	E358462

* Also available in bronze and white color. Please consult the factory for more information.



E-L-TGB50-3



E-L-TGB50-4



E-L-TGB50-5



E-L-TGB50-5X



E-L-TGB50-7



E-L-TGB50-7X

2- Gang Deep Boxes

Depth : 2 5/8"

Length : 4 9/16"

Width : 4 9/16"

Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's



Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch	U.L. File No.
E-L-DBT50-5X	5	1/2"	Gray	40.3	E358462
E-L-DBT75-5X	5	3/4"	Gray	40.3	E358462
E-L-DBT100-5X	5	1"	Gray	40.3	E358462
E-L-DBT50-7X	7	1/2"	Gray	40.3	E358462
E-L-DBT75-7X	7	3/4"	Gray	40.3	E358462
E-L-DBT100-7X	7	1"	Gray	40.3	E358462

* Also available in bronze and white color. Please consult the factory for more information.



E-L-DBT50-5X



E-L-DBT50-7X

3- Gang Deep Box

2⁵/₈" Deep
Die Cast Aluminum
Lugs, Closure Plug,
Screws Included



Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch	U.L. File No.
E-L-DBF50-7	7	1/2"	Gray	54.0	E358462
E-L-DBF75-7	7	3/4"	Gray	54.0	E358462
E-L-DBF100-7	7	1"	Gray	54.0	E358462

* Also available in bronze and white color. Please consult the factory for more information.

Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's



4" Round Boxes & Extension Rings

Die Cast Aluminum
1¹/₁₆" Deep

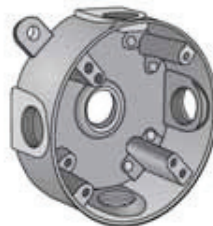


Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch	U.L. File No.
E-L-BRD-4	5	1/2"	Gray	15.8	E358462
E-L-RB-7	5	3/4"	Gray	15.8	E358462
E-L-EXR50-4	4	1/2"	Gray	16.3	E358462
E-L-EXR75-4	4	3/4"	Gray	16.3	E358462

* Also available in bronze and white color. Please consult the factory for more information.

Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's



1- Gang Flanged Extension Boxes

Depth : 1⁹/₁₆"

Length : 5³/₁₆"

Width : 3¹⁵/₃₂"

Die Cast Aluminum

Applications

Extension adaptors provide means for adding additional cubic capacity



Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch	U.L. File No.
E-L-EXF50-2	2	1/2"	Gray	13.5	E358462
E-L-EXF50-4	4	1/2"	Gray	13.5	E358462
E-L-EXF50-6	6	1/2"	Gray	13.5	E358462
E-L-EXF75-4	4	3/4"	Gray	13.5	E358462
E-L-EXF75-6	6	3/4"	Gray	13.5	E358462

* Also available in bronze and white color. Please consult the factory for more information.



2- Gang Extension Rings

Depth : 1³/₈"

Length : 4⁹/₁₆"

Width : 4⁹/₁₆"

Die Cast Aluminum

Applications

Extension adaptors provide means for adding additional cubic capacity



Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch	U.L. File No.
E-L-2EB50-6	6	1/2"	Gray	15.0	E358462
E-L-2EB75-6	6	3/4"	Gray	15.0	E358462
E-L-2EB50-8	8	1/2"	Gray	15.0	E358462
E-L-2EB75-8	8	3/4"	Gray	15.0	E358462
E-L-EXR-2	-	-	Gray	16.4	E358462

* Also available in bronze and white color. Please consult the factory for more information.



1- Gang Extension Rings

Depth : 1³/₈"

Length : 4⁹/₁₆"

Width : 2¹³/₁₆"

Die Cast Aluminum



E-L-EXR-1

Aluminium Box

2.87" Deep

Diameter 7.01"

Die Cast Aluminum



1- Gang Weatherproof Box Covers

Length : 4 9/16"

Width : 2 13/16"

Die Cast Aluminum

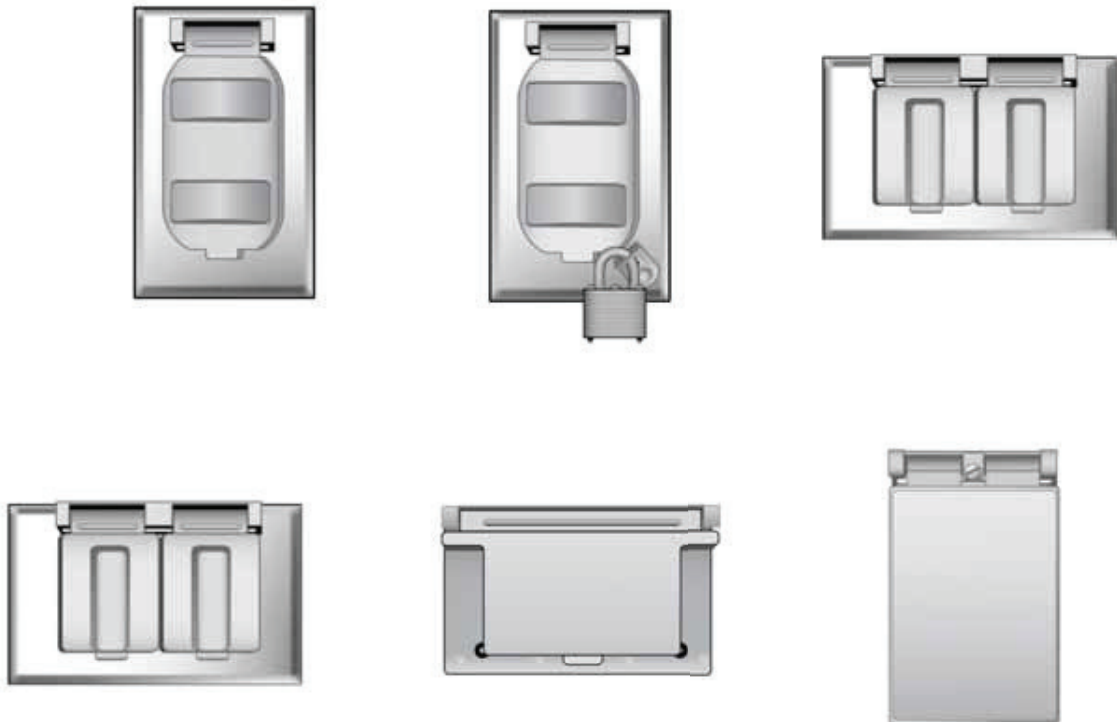


Applications

Where weatherproof protection is required while an outlet is in use, such as; bug zappers, holiday lighting, low voltage lighting, soda machines, portable spas, engine block heater, irrigation pond pumps etc.

Catalog Number	Description	Color	U.L. File No.
E-L-1C-DH	Duplex/Comb, Device-Horizontal	Gray	E358462
E-L-1C-DV	Duplex/Comb, Device-Vertical	Gray	E358462
E-L-GH	GFCI-Horizontal	Gray	E358462
E-L-1C-GV	GFCI-Vertical	Gray	E358462
E-L-1C-SV	S/R or Sw.Vert-1.41" Diameter	Gray	E358462
E-L-1C-TS	Toggle Switch	Gray	E358462
E-L-1C-PO20	20A Receptacle-1.625" Diameter	Gray	E358462
E-L-1C-PO30	30A Receptacle-1.75" Diameter	Gray	E358462
E-L-1C-PO40	40-50A Receptacle-2.125" Diameter	Gray	E358462
E-L-1C-SW	Levers+15A S.P. Switch	Gray	E358462
E-L-1CL-GV	GFCI-Vertical	Gray	E358462
E-L-G-1	Universal 1-Gang Foam Gasket	Black	E358462

* Also available in bronze and white color. Please consult the factory for more information.



2- Gang Device Covers

Length : 4 9/16"

Width : 4 9/16"

Die Cast Aluminum

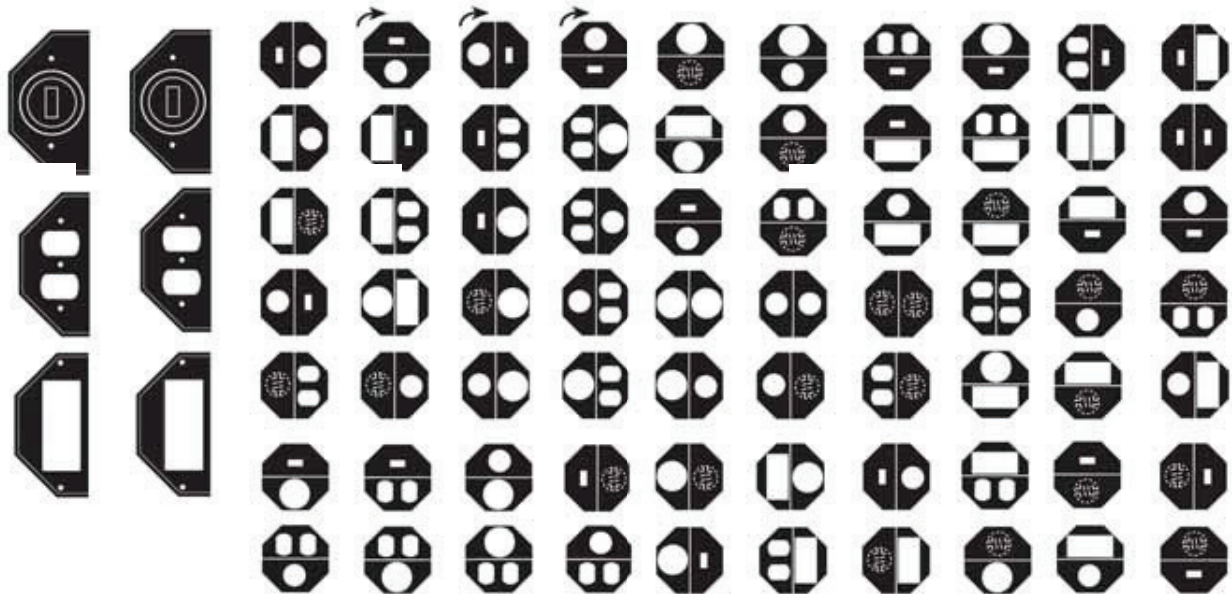


Applications

Where weatherproof protection is required while an outlet is in use, such as; bug zappers, holiday lighting, low voltage lighting, soda machines, portable spas, engine block heater, irrigation pond pumps etc.

Catalog Number	Description	Color	U.L. File No.
E-L-2C-SW	Two Levers+Two 15A S.P. Switches	Gray	E358462
E-L-2C-2D	Two Duplex	Gray	E358462
E-L-2C-2H	Oversize One Duplex-Horizontal	Gray	E358462
E-L-2C-2G	Two GFCI	Gray	E358462
E-L-2C-GD	One GFCI, One Duplex	Gray	E358462
E-L-2C-2S	Two Switches or S.R-1.41" Diameter	Gray	E358462
E-L-2C-GS	One GFCI, One Switch or S.R-1.41" Diameter	Gray	E358462
E-L-2C-SD	One Duplex, One Switch or S.R-1.41" Diameter	Gray	E358462
E-L-2L-PO050	40-50A Receptacle - 2.125" Diameter	Gray	E358462
E-L-2L-PO060	One 30, 50, 60 Amp. 3&4 Wire With Built-In Padiock Hasp-2.64" Diameter	Gray	E358462
E-L-G-2	Universal 2 - Gang Foam Gasket	Black	E358462

* Also available in bronze and white color. Please consult the factory for more information.



Length : 6³/₈ "
Width : 4⁹/₁₆ "
 Die Cast Aluminum

Applications

Where weatherproof protection is required while an outlet is in use, such as; bug zappers, holiday lighting, low voltage lighting, soda machines, portable spas, engine block heater, irrigation pond pumps etc.



Catalog Number	Description	Color	U.L. File No.
E-L-3C-3D	Three Duplex	Gray	E358462
E-L-3C-3G	Three GFCI	Gray	E358462
E-L-3C-3S	Three Switches or Single Receptacles 1.41" Diameter	Gray	E358462

* Also available in bronze and white color. Please consult the factory for more information.



Length : 4⁵/₈ "
Width : 2⁷/₈ "
 Die Cast Aluminum
 Gasket Included



Catalog Number	Outlet Holes	Outlet Holes	Color	U.L. File No.
E-L-RE-1	1	1	Gray	E358462
E-L-RE-2	2	2	Gray	E358462
E-L-RE-3	3	3	Gray	E358462

* Also available in bronze and white color. Please consult the factory for more information.



1- Gang Weatherproof Box Covers

(Except E-L-TS200)

Die Cast Aluminum



Applications

Where weatherproof protection is required while an outlet is in use, such as; bug zappers, holiday lighting, low voltage lighting, soda machines, portable spas, engine block heater, irrigation pond pumps etc.

Catalog Number	Description	Color	U.L. File No.
E-L-TS100	Toggle Switch	Gray	E358462
E-L-DH100	Duplex/Comb. Device-Horizontal	Gray	E358462
E-L-TS200	Two Levers+Two 15A S.P. Switches	Gray	E358462

* Also available in bronze and white color. Please consult the factory for more information.



Weatherproof Blank Box Covers



Applications

Where weatherproof protection is required while an outlet is in use, such as; bug zappers, holiday lighting, low voltage lighting, soda machines, portable spas, engine block heater, irrigation pond pumps etc.

Catalog Number	Description	Material	U.L. File No.
E-L-1BC	Blank	Steel / Aluminum	E358462
E-L-2BC	Blank	Steel / Aluminum	E358462
E-L-3BC	Blank	Steel / Aluminum	E358462
E-L-RBC-4	Blank	Steel / Aluminum	E358462

* Also available in bronze and white color. Please consult the factory for more information.



4" Round Covers
Die Cast Aluminum



Applications

Where weatherproof protection is required while an outlet is in use, such as; bug zappers, holiday lighting, low voltage lighting, soda machines, portable spas, engine block heater, irrigation pond pumps etc.

Catalog Number	Outlet Holes	Hole Size	Color	U.L. File No.
E-L-XC-1	1	1/2"	Gray	E358462
E-L-XC-2	1	3/4"	Gray	E358462
E-L-RC-1	0	1/2"	Gray	E358462
E-L-RC-2	2	3/4"	Gray	E358462
E-L-RC-3	3	1/2"	Gray	E358462
E-L-RC-1-N	1	1/2"	Gray	E358462
E-L-RC-3-N	3	1/2"	Gray	E358462

* Also available in bronze and white color. Please consult the factory for more information.



Weatherproof Accessories



Applications

To close an unused knockout hole in a box, enclosure or cabinet.

Catalog Number	Outlet Holes
E-L-PL-50	Clousure Plug 1/2"
E-L-PL-75	Clousure Plug 3/4"
E-L-PL-100	Clousure Plug 1"
E-L-LUG	Mounting (in set of 2s with mounting screws)

* Also available in bronze and white color. Please consult the factory for more information.



Technical Informations

Polyamides are among the most important thermoplastic synthetic materials. Thermoplastics can be reshaped by heating as often as required without undergoing chemical decomposition or other negative changes. This makes polyamide ideal for processing via injection moulding into high quality products. About 90% of cable ties and fixings from Electroline cable ties are made from this material. Polyamide is also known under the brand name of Nylon®, which was introduced by the Dupont company. The inner structure of polyamide displays a partial order of polymer chains, i.e. polyamides are partially crystalline. Due to the tighter packing of the individual molecular chains polyamide only has limited transparency to light. The plastic is therefore described as translucent.

The polyamide PA66 has many properties which are highly advantageous for Electroline cable ties and fixings, such as:

- High strength, rigidity and hardness
- High dimensional stability, even under the effect of heat
- High abrasion resistance



Specifications

- Material: Nylon 6.6 (UL94 V-2)
- Operating Temperature: -35 °C to +85°C
- Color: Natural or black, other colors are available upon request
- All products has rohs compliance
- All products are resistant to oil products, organic acids and greases
- Minimum tensile strengths are suitable to american military standards (MIL-S-23190 E)
- Uv resistance in black color products

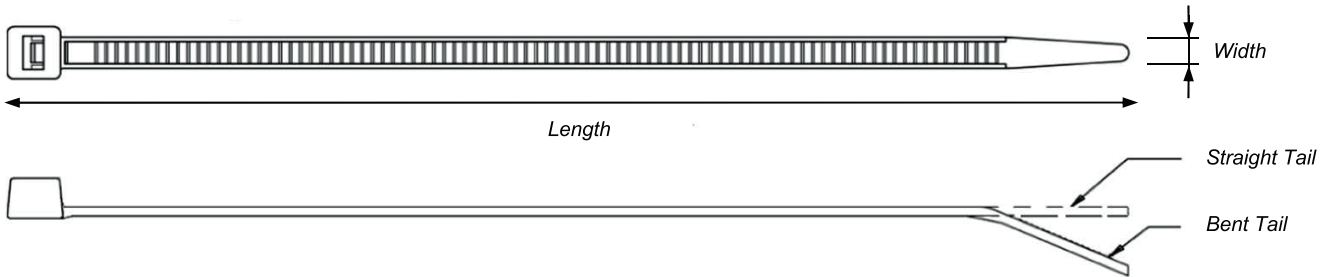
Directions Of Use

Polyamide is a hygroscopic material. This means that the material absorbs and loses moisture. For optimum handling of cable ties it is important that the material is in a condition of equilibrium with a water content of approximately 2.5%.

- Once opened you should use the ties as quickly as possible.
- Always store ties in the sealed plastic bag made of polyethylene!
- Do not expose the product to direct sunlight!
- Do not store the product in sunlight; for example, on the windowsill.
- Store the product away from direct sources of heat.
- Avoid contact with heat: for example, do not place on the radiators.

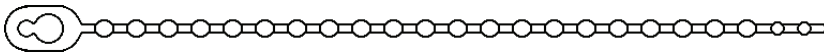


Standard Type Cable Ties

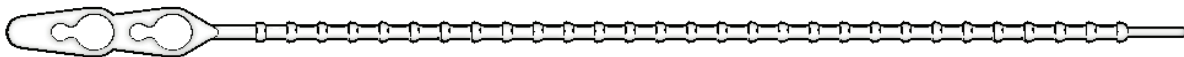


Catalog Number	Width (mm)	Length (mm)	Max. Bundle Dia (mm)	Min. Tensile Strength (kg)	Tail Type	Pack Contains Each	Box Contains Each
EB.02.202	2.5	100	22	12	Bent	250	80000
EB.12.212	2.5	140	35	12	Bent	100	50000
EB.13.213	2.5	200	54	12	Bent	100	35000
EB.03.203	3.6	150	36	18	Bent	100	30000
EB.04.204	3.6	205	54	18	Bent	100	25000
EB.09.209	3.6	250	68	18	Bent	100	20000
EB.10.210	3.6	300	81	18	Straight	100	17500
EB.11.211	3.6	370	102	18	Straight	100	15000
EB.14.214	4.8	200	50	25	Bent	100	17000
EB.06.206	4.8	250	63	25	Bent	100	15000
EB.05.205	4.8	300	80	25	Straight	100	12500
EB.16.216	4.8	400	109	25	Straight	100	10000
EB.07.207	8	250	62	55	Straight	100	8000
EB.18.218	8	300	75	55	Straight	100	6000
EB.19.219	8	380	99	55	Straight	100	5000
EB.21.221	8	450	124	55	Straight	100	4500
EB.15.215	8	550	160	55	Straight	100	4000
EB.17.217	9	762	225	80	Straight	100	1500
EB.22.222	9	940	290	80	Straight	100	1500

Beaded Plastic Zip Ties



Catalog Number	Width (mm)	Length (mm)	Max. Bundle Dia (mm)	Min. Tensile Strength (kg)	Pack Contains Each	Box Contains Each
EA.01.101	2	105	25	5	1.000	50000
EA.02.102	3.5	165	45	7	500	25000



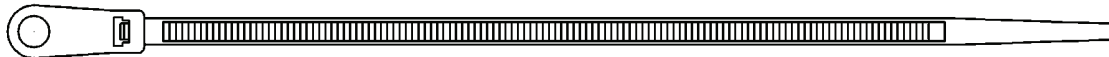
EA.04.104	3.5	235	60	14	100	15000
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Double Locking Cable Tie



Catalog Number	Width (mm)	Length (mm)	Max. Bundle Dia (mm)	Min. Tensile Strength (kg)	Pack Contains Each	Box Contains Each
CB.48.165	4.8	165	35	25	100	20000

Mounting Hole Cable Tie



Catalog Number	Width (mm)	Length (mm)	Hole Dia. (mm)	Max. Bundle Dia. (mm)	Min. Tensile Strength (kg)	Pack Contains Each	Box Contains Each
PV.40.205	4	205	Ø 5.5	50	22	100	17000

Push Mount Cable Ties



Catalog Number	Width (mm)	Length (mm)	Hole Dia. (mm)	Max. Panel Thickness (mm)	Max. Bundle Dia (mm)	Min. Tensile Strength (kg)	Pack Contains Each	Box Contains Each
DK.05.305	2.5	110	Ø 4.8	2	22	12	100	25000
DK.03.303	3.6	110	Ø 6.4	2	21	18	100	10000
DK.08.308	4.8	150	Ø 6.4	2	30	25	100	10000
DK.09.309	4.8	200	Ø 6.4	2	45	25	100	8000

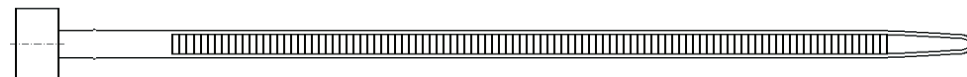


DK.10.310	2.5	110	Ø 6.4	2	22	12	100	20000
DK.04.304	3.6	115	Ø 6.4	4	21	18	100	15000



DK.06.306	3.6	165	Ø 4.8	2.5	32	18	100	25000
DK.07.307	3.6	165	Ø 4.8	3.5	32	18	100	25000

Identification & Flag Zip Ties



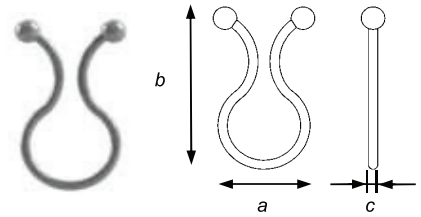
Catalog Number	Width (mm)	Length (mm)	Max. Bundle Dia (mm)	Min. Tensile Strength (kg)	Pank Contains Each	Box Contains Each
EF.03.803	6	235	63	45	250	7500



EF.01.801	7	365	105	50	250	6000
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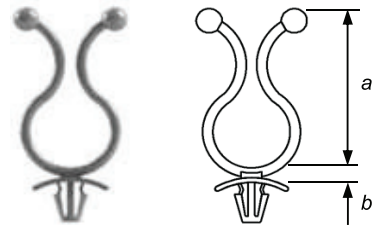
Buckle Clamp

Catalog Number	a (mm)	b (mm)	c (mm)	Max. Bundle Dia. (mm)	Pack Contains Each	Box Contains Each
EA.05.105	8.5	21	1.8	4.5	500	35000
EA.07.107	12	25	2	7	500	30000
EA.10.110	16	30	2.1	10.5	500	24000
EA.14.114	20	36	2.1	14	500	20000
EA.17.117	23	40	2.2	17	500	15000



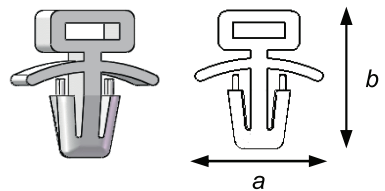
Buckle Strap

Catalog Number	a (mm)	b (mm)	Hole Dia. (mm)	Max. Bundle Dia. (mm)	Pack Contains Each	Box Contains Each
EK.50.1050	28	3.6	Ø4.8	10.5	500	24000
EK.51.1051	32.7	3.6	Ø4.8	14	500	20000
EK.52.1052	32	31.4	Ø4.8	13.5	100	9000



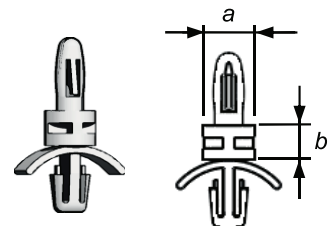
Wing Push Mount

Catalog Number	a (mm)	b (mm)	Hole Dia. (mm)	Max. Cable Tie Width (mm)	Pack Contains Each	Box Contains Each
EK.04.1004	17.8	16.3	Ø6	4.8	500	40000

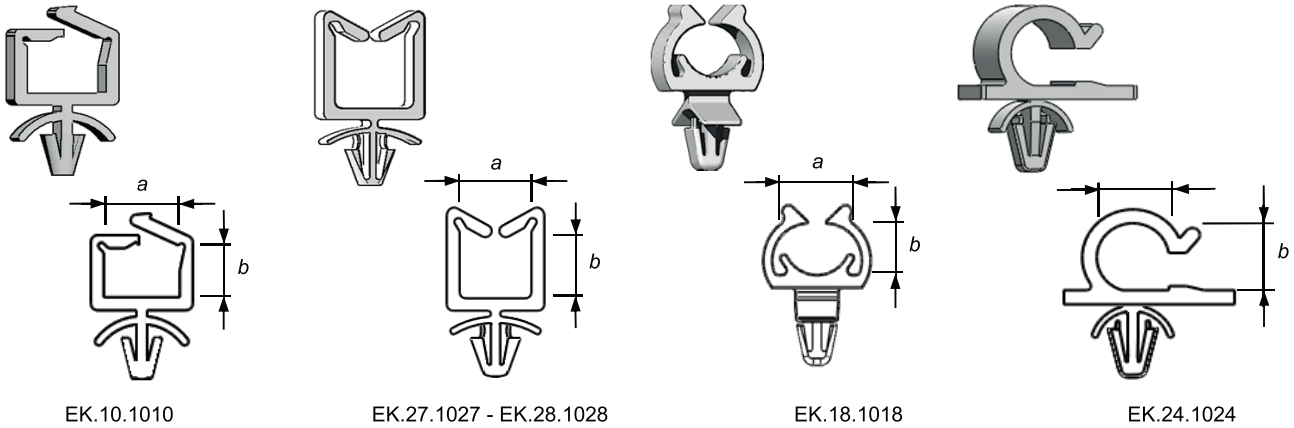


Card Holder

Catalog Number	Height (mm)	Width (mm)	Hole Dia. (mm)	a (mm)	b (mm)	Pack Contains Each	Box Contains Each
EK.08.1008	24.5	15	Ø4.5	7	4.8	500	40000

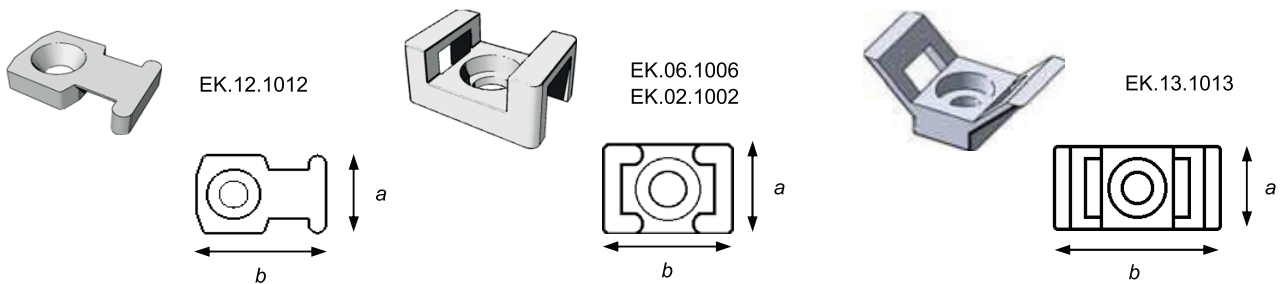


Push Mount Cable Ties



Catalog Number	Width (mm)	Length (mm)	Hole Dia. (mm)	a (mm)	b (mm)	Pack Contains Each	Box Contains Each
EK.10.1010	21.7	15.3	Ø 4.8	11.3	6	250	30000
EK.27.1027	27.3	15.2	Ø 4.8	11.2	9.8	250	30000
EK.28.1028	36.3	15.2	Ø 4.8	11.2	19	250	25000
EK.18.1018	22	15.5	Ø 4.8	11.6	7	250	30000
EK.24.1024	20.3	20	Ø 4.8	8	8	100	25000

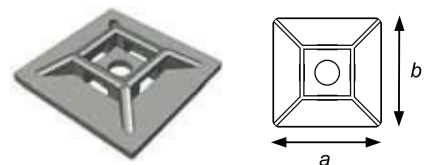
Screw Mounts



Catalog Number	a (mm)	b (mm)	Hole Dia. (mm)	Max. Cable Tie Width (mm)	Pack Contains Each	Box Contains Each
EK.06.1006	10	17	Ø 3.7	4.8	250	40000
EK.12.1012	12.5	19	Ø 4.6	4.8	250	40000
EK.02.1002	17	23	Ø 6.5	8	250	15000
EK.13.1013	15	30	Ø 4.8	8	100	15000

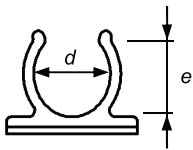
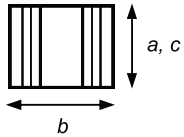
Self Adhesive Mounting Pad

Catalog Number	a (mm)	b (mm)	Hole Dia. (mm)	Max. Cable Tie Width (mm)	Pack Contains Each	Box Contains Each
EK.01.1001	20	20	Ø 3.2	3.6	100	25000
PK.01.1001	20	20	Ø 3.2	3.6	100	25000
EK.03.1003	28	28	Ø 4.3	4.8	100	12500
PK.03.1003	28	28	Ø 4.3	4.8	100	12500

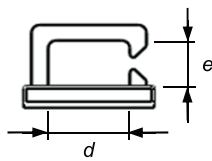
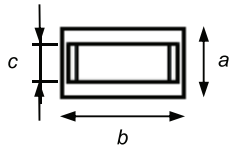
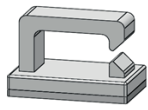


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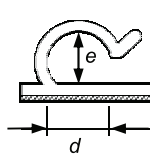
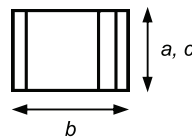
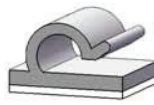
Self Adhesive Cable Clamps



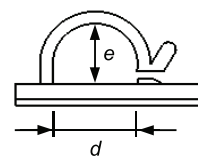
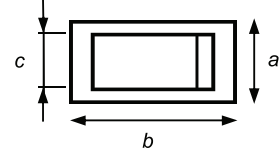
EK.25.1025



EK.26.1026

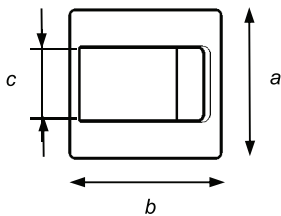


EK.16.1016

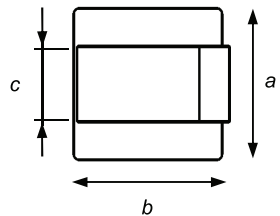
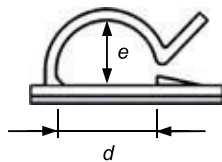


EK.19.1019

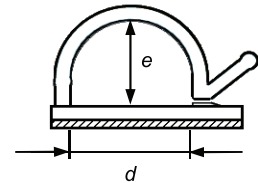
Catalog Number	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	Pack Contains Each	Box Contains Each
EK.25.1025	13	15	13	8.7	8.7	100	25000
EK.26.1026	10	16	5	9.7	5.8	100	25000
EK.16.1016	13	16	13	6.1	5.2	100	28000
EK.19.1019	13	25	8.7	11	7	100	20000



EK.05.1005

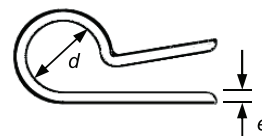
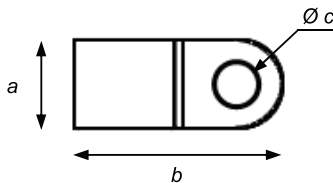


EK.07.1007



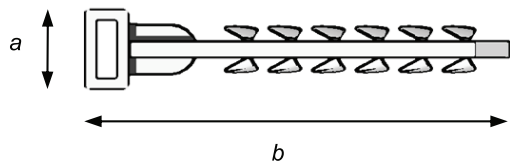
EK.05.1005	25	25	12.7	12.5	8	100	10000
EK.07.1007	25	25	12.7	16.5	12	100	7000

Cable Clamp

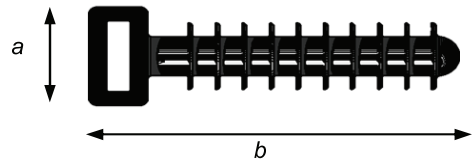


Catalog Number	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	Pack Contains Each	Box Contains Each
EK.63.1063	10	20.8	M5	6.4 (1/4")	1.3	100	30000
EK.64.1064	10	22.8	M5	7.9 (5/16")	1.3	100	25000

Cable Tie Wall Mount



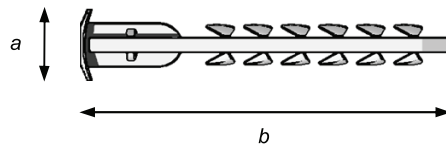
EK.09.1009



EK.17.1017

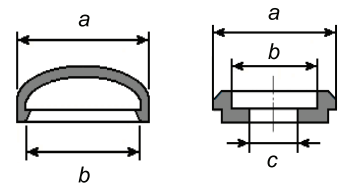
Catalog Number	a (mm)	b (mm)	Hole Dia. (mm)	Max. Cable Tie Width (mm)	Pack Contains Each	Box Contains Each
EK.09.1009	9.6	46.5	Ø 6	4.8	250	25000
EK.17.1017	13.2	42.8	Ø 8	8	250	12500

Cable Tie Tray Mount



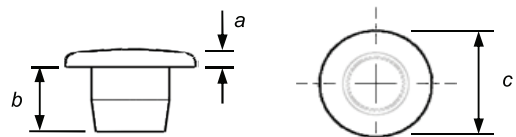
Catalog Number	a (mm)	b (mm)	Hole Dia. (mm)	Max. Cable Tie Width (mm)	Pack Contains Each	Box Contains Each
EK.11.1011	10	47.6	Ø 6	-	250	25000

Plastic Cover & Washer



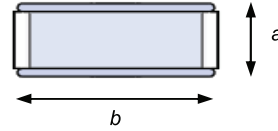
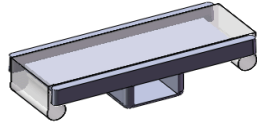
Catalog Number	Height (mm)	a (mm)	b (mm)	c (mm)	Pack Contains Each	Box Contains Each
EK.41.1041	5.6	Ø14	Ø11.5	-	500	50000
EK.42.1042	3.2	Ø12	Ø9.5	Ø5.2	500	75000

Plastic Plug

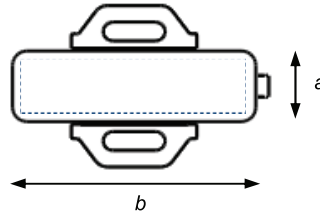
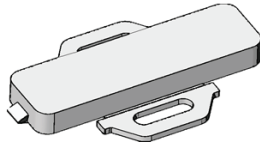


Catalog Number	a (mm)	b (mm)	c (mm)	Hole Dia. (mm)	Pack Contains Each	Box Contains Each
EK.41.1041	5.6	Ø14	Ø11.5	-	500	60000
EK.42.1042	3.2	Ø12	Ø9.5	Ø5.2	500	75000

Cable Tie Identification Plate

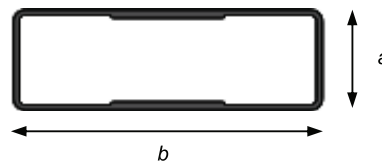
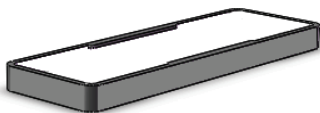


Catalog Number	a (mm)	b (mm)	Label Length (mm)	Label Width (mm)	Max. Cable Tie Width (mm)	Pack Contains Each	Box Contains Each
ET.01.901	10	30	10	25	4.8	100	12500



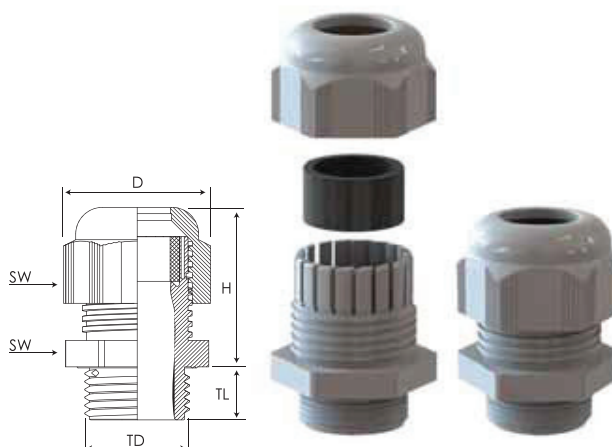
ET.07.907	10	35	7	32	8	100	12500
ET.06.906	20	45	17	42	8	100	6000

Self Adhesive Panel Label



Catalog Number	a (mm)	b (mm)	Label Length (mm)	Label Width (mm)	Pack Contains Each	Box Contains Each
ET.02.902	15	30	11	27	100	15000
ET.05.905	20	35	18	32	50	12000
ET.03.903	17	50	15	49	50	6000
ET.04.904	17	75	15	72	25	5000

Technical Details			
Material	Body	PA 6 (Polyamide 6)	
	Cap	PA 6 (Polyamide 6)	
	Seal	CR (Chloroprene Rubber)	
Flammability		V2 (According to UL 94)	
Protection Class		IP 68 - 5 Bar	
Operating Temperature	Permanent	-20 °C up to +100 °C	
	Intermittent	-30 °C up to +150 °C	
Attachment Thread		EN 60423	
Benefits		Easy assembly	
		Easy handling	
Accessories	Lock nuts		
	Dome Plugs		
	Dust plugs		
	Reducing seals		
	Flat cable seals		
	Multihole seals		
	Gaskets		
Approvals	VDE file number	134171	acc. to DIN EN 62444
	CSA file number	115116_0_000	acc. to CSA C22.2
	UL file number	E199250	acc. to UL514
	UV test report	RES 107572	acc. to UL514B § 8.26.7
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7	
Remarks		Other colours on request (Red-White-Blue)	
		Different sealing types available	
		Large accessory range	
		Manufactured according to the requirements of EN 62444	



Metric Thread Cable Glands

Technical Information						Codes			Packing Information		
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min.Qty.
M12x1,5	3,0 - 6,5	8,0	12,0	15,0	23,0	17,2	BM-05	BM-15	BM-25	100	6.000
M16x1,5	5,0 - 10,0	10,0	16,0	22,0	30,0	25,2	BM-01	BM-11	BM-21	50	2.400
M16x1,5	5,0 - 10,0	15,0	16,0	22,0	30,0	25,2	BM-01L	BM-11L	BM-21L	50	2.000
M20x1,5	6,0 - 12,0	10,0	20,0	24,0	30,0	27,7	BM-02	BM-12	BM-22	50	1.800
M20x1,5	6,0 - 12,0	15,0	20,0	24,0	30,0	27,7	BM-02L	BM-12L	BM-22L	50	1.800
M20x1,5	10,0 - 14,0	10,0	20,0	27,0	33,0	31,0	BM-03	BM-13	BM-23	50	1.600
M20x1,5	10,0 - 14,0	15,0	20,0	27,0	33,0	31,0	BM-04	BM-14	BM-24	50	1.800
M25x1,5	13,0 - 18,0	10,0	25,0	33,0	35,5	37,2	BM-05	BM-15	BM-25	25	750
M25x1,5	13,0 - 18,0	15,0	25,0	33,0	35,5	37,2	BM-06	BM-16	BM-26	25	750
M32x1,5	18,0 - 25,0	15,0	32,0	42,0	41,0	47,5	BM-07	BM-17	BM-27	20	600
M40x1,5	22,0 - 32,0	18,0	40,0	53,0	50,0	60,0	BM-08	BM-18	BM-28	10	200
M50x1,5	30,0 - 38,0	18,0	50,0	60,0	54,0	67,7	BM-09	BM-19	BM-29	10	200
M63x1,5	34,0 - 44,0	18,0	63,0	65,0	54,5	72,2	BM-10	BM-20	BM-30	10	200
Glands With Reducing Seal											
M12x1,5	2,0 - 5,0	8,0	12,0	15,0	23,0	17,2	BI-05	BI-15	BI-25	100	6.000
M16x1,5	3,0 - 7,0	10,0	16,0	22,0	30,0	25,2	BI-01	BI-11	BI-21	50	2.400
M16x1,5	3,0 - 7,0	15,0	16,0	22,0	30,0	25,2	BI-01L	BI-11L	BI-21L	50	2.000
M20x1,5	5,0 - 9,0	10,0	20,0	24,0	30,0	27,7	BI-02	BI-12	BI-22	50	1.800
M20x1,5	5,0 - 9,0	15,0	20,0	24,0	30,0	27,7	BI-02L	BI-12L	BI-22L	50	1.800
M20x1,5	7,0 - 12,0	10,0	20,0	27,0	33,0	31,0	BI-03	BI-13	BI-23	50	1.600
M20x1,5	7,0 - 12,0	15,0	20,0	27,0	33,0	31,0	BI-04	BI-14	BI-24	50	1.800
M25x1,5	9,0 - 16,0	10,0	25,0	33,0	35,5	37,2	BI-05	BI-15	BI-25	25	750
M25x1,5	9,0 - 16,0	15,0	25,0	33,0	35,5	37,2	BI-06	BI-16	BI-26	25	750
M32x1,5	12,0 - 20,0	15,0	32,0	42,0	41,0	47,5	BI-07	BI-17	BI-27	20	600
M40x1,5	20,0 - 26,0	18,0	40,0	53,0	50,0	60,0	BI-08	BI-18	BI-28	10	200
M50x1,5	25,0 - 31,0	18,0	50,0	60,0	54,0	67,7	BI-09	BI-19	BI-29	10	200
M63x1,5	29,0 - 35,0	18,0	63,0	65,0	54,5	72,2	BI-10	BI-20	BI-30	10	200

Euro Metric Thread Cable Glands

Thread Type	Clamping Range Ø min-max mm	Technical Information					Codes			Packing Information	
		TL mm	TD mm	SW mm	Max. H	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
M12x1,5	3,0 - 6,5	8,0	12,0	15,0	22,0	17,1	BM-EN-05	BM-EN-15	BM-EN-25	100	6000
M12x1,5	3,0 - 6,5	15,0	12,0	15,0	22,0	17,1	BM-EN-05L	BM-EN-15L	BM-EN-25L	100	6000
M16x1,5	4,0 - 8,0	8,0	16,0	19,0	25,0	21,6	BM-EN-01	BM-EN-11	BM-EN-21	50	3000
M16x1,5	5,0 - 10,0	9,0	16,0	19,0	27,0	21,6	BM-EN-01S	BM-EN-11S	BM-EN-21S	50	3000
M20x1,5	6,0 - 12,0	10,0	20,0	24,0	29,0	27,7	BM-EN-02	BM-EN-12	BM-EN-22	50	1800
M20x1,5	6,0 - 12,0	15,0	20,0	24,0	29,0	27,7	BM-EN-02L	BM-EN-12L	BM-EN-22L	50	1800
M25x1,5	11,0 - 17,0	8,0	25,0	29,0	34,0	32,5	BM-EN-03	BM-EN-13	BM-EN-23	50	1000
M25x1,5	11,0 - 17,0	15,0	25,0	29,0	34,0	32,5	BM-EN-03L	BM-EN-13L	BM-EN-23L	50	1000
M32x1,5	15,0 - 21,0	10,0	32,0	36,0	41,0	41,0	BM-EN-04	BM-EN-14	BM-EN-24	25	750
M40x1,5	19,0 - 28,0	10,0	40,0	46,0	45,5	52,4	BM-EN-05	BM-EN-15	BM-EN-25	20	440
M40x1,5	19,0 - 28,0	18,0	40,0	46,0	45,5	52,4	BM-EN-05L	BM-EN-15L	BM-EN-25L	20	440
M50x1,5	30,0 - 38,0	18,0	50,0	60,0	49,0	67,7	BM-EN-06	BM-EN-16	BM-EN-26	10	200
M63x1,5	34,0 - 44,0	18,0	63,0	65,0	49,0	72,2	BM-EN-07	BM-EN-17	BM-EN-27	10	200
Glands with Reducing Seal											
M12x1,5	2,0 - 5,0	8,0	12,0	15,0	22,0	17,1	BM-EN-05SR	BM-EN-15SR	BM-EN-25SR	100	6000
M12x1,5	2,0 - 5,0	15,0	12,0	15,0	22,0	17,1	BM-EN-05SRL	BM-EN-15SRL	BM-EN-25SRL	100	6000
M16x1,5	2,0 - 6,0	8,0	16,0	19,0	25,0	21,6	BM-EN-01R	BM-EN-11R	BM-EN-21R	50	3000
M20x1,5	5,0 - 9,0	10,0	20,0	24,0	29,0	27,7	BM-EN-02R	BM-EN-12R	BM-EN-22R	50	1800
M20x1,5	5,0 - 9,0	15,0	20,0	24,0	29,0	27,7	BM-EN-02RL	BM-EN-12RL	BM-EN-22RL	50	1800
M25x1,5	9,0 - 13,0	8,0	25,0	29,0	34,0	32,5	BM-EN-03R	BM-EN-13R	BM-EN-23R	50	1000
M25x1,5	9,0 - 13,0	15,0	25,0	29,0	34,0	32,5	BM-EN-03RL	BM-EN-13RL	BM-EN-23RL	50	1000
M32x1,5	11,0 - 15,5	10,0	32,0	36,0	41,0	41,0	BM-EN-04R	BM-EN-14R	BM-EN-24R	25	750
M40x1,5	16,0 - 23,0	10,0	40,0	46,0	45,5	52,4	BM-EN-05R	BM-EN-15R	BM-EN-25R	20	440
M40x1,5	16,0 - 23,0	18,0	40,0	46,0	45,5	52,4	BM-EN-05RL	BM-EN-15RL	BM-EN-25RL	20	440
M50x1,5	25,0 - 31,0	18,0	50,0	60,0	49,0	67,7	BM-EN-06R	BM-EN-16R	BM-EN-26R	10	200
M63x1,5	29,0 - 35,0	18,0	63,0	65,0	49,0	72,2	BM-EN-07R	BM-EN-17R	BM-EN-27R	10	200

Pg Thread Cable Glands

Thread Type	Clamping Range Ø min-max mm	Technical Information					Codes			Packing Information	
		TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
Pg 7	3,0 - 6,5	8,0	12,4	15,0	23,0	17,2	BS-01	BS-11	BS-21	100	6.000
Pg 9	4,0 - 8,0	8,0	15,1	19,0	26,5	21,9	BS-02	BS-12	BS-22	50	3.000
Pg 11	5,0 - 10,0	8,0	18,5	22,0	22,0	25,2	BS-03	BS-13	BS-23	50	2.400
Pg 13,5	6,0 - 12,0	10,0	20,3	24,0	29,5	27,7	BS-04	BS-14	BS-24	50	1.800
Pg 16	10,0 - 14,0	10,0	22,5	27,0	32,5	31,0	BS-05	BS-15	BS-25	50	1.600
Pg 21	13,0 - 18,0	11,0	28,1	33,0	35,0	37,2	BS-06	BS-16	BS-26	25	750
Pg 29	18,0 - 25,0	11,0	37,0	42,0	42,0	47,5	BS-07	BS-17	BS-27	20	600
Pg 36	22,0 - 32,0	13,0	46,8	53,0	52,0	60,0	BS-08	BS-18	BS-28	10	250
Pg 42	30,0 - 38,0	13,0	54,0	60,0	54,5	67,7	BS-09	BS-19	BS-29	10	200
Pg 48	34,0 - 44,0	14,0	59,0	65,0	54,5	72,2	BS-10	BS-20	BS-30	10	200
Glands With Reducing Seal											
Pg 7	2,0 - 5,0	8,0	12,4	15,0	23,0	17,2	BSR-01	BSR-11	BSR-21	100	6.000
Pg 9	2,0 - 6,0	8,0	15,1	19,0	26,5	21,9	BSR-02	BSR-12	BSR-22	50	3.000
Pg 11	3,0 - 7,0	8,0	18,5	22,0	22,0	25,2	BSR-03	BSR-13	BSR-23	50	2.400
Pg 13,5	5,0 - 9,0	10,0	20,3	24,0	29,5	27,7	BSR-04	BSR-14	BSR-24	50	1.800
Pg 16	7,0 - 12,0	10,0	22,5	27,0	32,5	31,0	BSR-05	BSR-15	BSR-25	50	1.600
Pg 21	9,0 - 16,0	11,0	28,1	33,0	35,0	37,2	BSR-06	BSR-16	BSR-26	25	750
Pg 29	12,0 - 20,0	11,0	37,0	42,0	42,0	47,5	BSR-07	BSR-17	BSR-27	20	600
Pg 36	20,0 - 26,0	13,0	46,8	53,0	52,0	60,0	BSR-08	BSR-18	BSR-28	10	250
Pg 42	25,0 - 31,0	13,0	54,0	60,0	54,5	67,7	BSR-09	BSR-19	BSR-29	10	200
Pg 48	29,0 - 35,0	14,0	59,0	65,0	54,5	72,2	BSR-10	BSR-20	BSR-30	10	200

Npt Thread Cable Glands

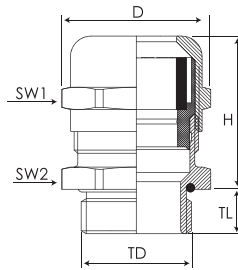
Thread Type	Technical Information						Codes			Packing Information	
	Clamp.Range Ø min-max inch	TL inch	TD inch	SW inch	Max. H inch	D inch	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
NPT 3/8"	0,197-0,394	0,590	0,675	0,866	1,140	0,990	BSPA-01	BSPA-11	BSPA-21	50	2.000
NPT 1/2"	0,236-0,472	0,590	0,840	0,940	1,200	1,090	BSPB-02	BSPB-12	BSPB-22	50	1.800
NPT 1/2"	0,394-0,551	0,590	0,840	1,062	1,263	1,220	BSPC-02	BSPC-12	BSPC-22	50	1.800
NPT 3/4"	0,511-0,709	0,590	1,050	1,299	1,397	1,464	BSPD-03	BSPD-13	BSPD-23	25	750
NPT 1"	0,709-0,984	0,708	1,315	1,650	1,594	1,870	BSP-04	BSP-14	BSP-24	20	600
Glands With Reducing Seal											
NPT 3/8"	0,118-0,276	0,590	0,675	0,866	1,140	0,990	BSPA-01R	BSPA-11R	BSPA-21R	50	2.000
NPT 1/2"	0,197-0,354	0,590	0,840	0,940	1,200	1,090	BSPB-02R	BSPB-12R	BSPB-22R	50	1.800
NPT 1/2"	0,276-0,472	0,590	0,840	1,062	1,263	1,220	BSPC-02R	BSPC-12R	BSPC-22R	50	1.800
NPT 3/4"	0,354-0,630	0,590	1,050	1,299	1,397	1,464	BSPD-03R	BSPD-13R	BSPD-23R	25	750
NPT 1"	0,472-0,787	0,708	1,315	1,650	1,594	1,870	BSP-04R	BSP-14R	BSP-24R	20	600

Gas Thread Cable Glands

Thread Type	Technical Information						Codes			Packing Information	
	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
G 1/4"	3,0-6,5	10,0	13,16	15,0	23,0	16,9	BPF-05	BPF-15	BPF-25	100	3000
G 3/8"	3,0-6,5	11,0	16,66	22,0	29,5	25,0	BPF-01	BPF-11	BPF-21	50	2400
G 1/2"	6,0-12,0	15,0	20,95	24,0	30,0	27,0	BPF-02	BPF-12	BPF-22	50	1800
G 1/2"	10,0-14,0	11,0	20,95	27,0	33,0	30,9	BPF-03	BPF-13	BPF-23	50	1600
G 3/4"	13,0-18,0	12,0	26,44	33,0	37,5	38,0	BPF-04	BPF-14	BPF-24	25	750
G 1"	18,0-25,0	13,0	33,25	42,0	41,5	47,3	BPF-05	BPF-15	BPF-25	20	600
G 1 1/2"	30,0-38,0	18,0	47,80	60,0	54,0	67,8	BPF-06	BPF-16	BPF-26	20	500
Glands With Reducing Seal											
G 1/4"	2,0-5,0	10,0	13,16	15,0	23,0	16,9	BPFR-05	BPFR-15	BPFR-25	100	3000
G 3/8"	3,0-7,0	11,0	16,66	22,0	29,5	25,0	BPFR-01	BPFR-11	BPFR-21	50	2400
G 1/2"	5,0-9,0	15,0	20,95	24,0	30,0	27,0	BPFR-02	BPFR-12	BPFR-22	50	1800
G 1/2"	7,0-12,0	11,0	20,95	27,0	33,0	30,9	BPFR-03	BPFR-13	BPFR-23	50	1600
G 3/4"	9,0-16,0	12,0	26,44	33,0	37,5	38,0	BPFR-04	BPFR-14	BPFR-24	25	750
G 1"	12,0-20,0	13,0	33,25	42,0	41,5	47,3	BPFR-05	BPFR-15	BPFR-25	20	600
G 1 1/2"	25,0-31,0	18,0	47,80	60,0	54,0	67,8	BPFR-06	BPFR-16	BPFR-26	20	500



Technical Details		
Material	Body	Brass, Nickel plated- Stainless steel 1.4305 (AISI 303) other stainless steel grades available upon request
	Cap	Brass, Nickel plated- Stainless steel 1.4305 (AISI 303) other stainless steel grades available upon request
	Seal	CR (Chloroprene)
	Clamp.Insert	PA 6 (Polyamide 6)
	O-ring	NBR
Flammability	V2 (According to UL 94)	
Protection Class	IP 68 - 5 Bar	
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread	EN 60423	
Benefits	Suitable for highest demands of todays technology	
	Easy assembly	
	Easy handling	
	Water tight	
	Strain relief	
Accessories	Lock nuts	
	Reducing seals	
	Flat cable seals	
	Multihole seals	
	Dome Plugs	
Remarks	Different sealing types available. BMBC-06S & BMBE-06S have double seal.	
	Large accessory range	
	Manufactured according to the requirements of EN 62444	



Metric Thread Cable Glands

Thread Type	Clamping Range Ø min-max mm	Technical Information						Codes	Packing Information	
		TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min.Qty.
M12x1,5	3,0 - 6,5	6,0	12,0	14,0	14,0	21,5	15,5	BMBC-05	50	2.000
M16x1,5	4,0 - 8,0	7,0	16,0	17,0	18,0	23,0	18,9	BMBC-01	50	1.500
M16x1,5	5,0 - 10,0	6,5	16,0	20,0	20,0	29,0	22,0	BMBC-01S	50	1.500
M20x1,5	6,0 - 12,0	8,0	20,0	22,0	22,0	25,0	26,8	BMBC-02	50	800
M20x1,5	10,0 - 14,0	8,0	20,0	24,0	24,0	28,0	26,8	BMBC-02S	50	800
M25x1,5	10,0 - 14,0	8,0	25,0	24,0	27,0	28,0	26,8	BMBC-03	25	500
M25x1,5	13,0 - 18,0	8,0	25,0	30,0	30,0	32,0	33,0	BMBC-03S	25	300
M32x1,5	13,0 - 18,0	9,0	32,0	30,0	34,0	33,0	37,5	BMBC-04	25	350
M32x1,5	18,0 - 25,0	9,0	32,0	40,0	40,0	44,0	44,5	BMBC-04S	25	250
M40x1,5	18,0 - 25,0	9,0	40,0	40,0	43,0	38,0	48,5	BMBC-05	20	160
M40x1,5	22,0 - 32,0	8,0	40,0	50,0	50,0	53,0	55,5	BMBC-05S	20	140
M50x1,5	22,0 - 32,0	9,0	50,0	50,0	55,0	48,0	61,0	BMBC-06	15	90
M50x1,5	27,0 - 44,0	9,0	50,0	64,0	68,0	53,0	75,0	BMBC-06S	10	70
M63x1,5	34,0 - 44,0	14,0	63,0	64,0	68,0	54,0	75,0	BMBC-07	12	72
M63x1,5	37,0 - 53,0	10,0	63,0	75,0	75,0	50,0	83,0	BMBC-07S	10	70
Glands With Long Thread										
M12x1,5	3,0 - 6,5	12,0	12,0	14,0	14,0	22,0	15,5	BMBE-05	50	2.000
M16x1,5	4,0 - 8,0	12,0	16,0	17,0	18,0	23,0	20,0	BMBE-01	50	1.500
M16x1,5	5,0 - 10,0	12,0	16,0	20,0	20,0	29,5	22,0	BMBE-01S	50	1.500
M20x1,5	6,0 - 12,0	12,0	20,0	22,0	22,0	24,5	25,0	BMBE-02	50	800
M20x1,5	10,0 - 14,0	12,0	20,0	24,0	24,0	28,0	25,0	BMBE-02S	50	800
M25x1,5	10,0 - 14,0	12,0	25,0	24,0	27,0	28,0	29,8	BMBE-03	25	400
M25x1,5	13,0 - 18,0	12,0	25,0	30,0	30,0	29,5	33,0	BMBE-03S	25	400
M32x1,5	13,0 - 18,0	15,0	32,0	30,0	34,0	32,0	37,5	BMBE-04	25	300
M32x1,5	18,0 - 25,0	15,0	32,0	40,0	40,0	35,0	44,5	BMBE-04S	25	300
M40x1,5	18,0 - 25,0	15,0	40,0	40,0	43,0	38,0	48,5	BMBE-05	20	160
M40x1,5	22,0 - 32,0	15,0	40,0	50,0	50,0	52,5	55,5	BMBE-05S	20	160
M50x1,5	22,0 - 32,0	15,0	50,0	50,0	55,0	48,0	61,0	BMBE-06	15	90
M50x1,5	27,0 - 44,0	15,0	50,0	64,0	68,0	49,0	70,0	BMBE-06S	15	90
M63x1,5	34,0 - 44,0	18,0	63,0	64,0	68,0	53,0	75,0	BMBE-07	12	72
M63x1,5	37,0 - 53,0	18,0	63,0	75,0	75,0	50,0	83,0	BMBE-07S	12	72

Euro Metric Thread Cable Glands

Thread Type	Clamping Range Ø min-max mm	Technical Information						Codes	Packing Information	
		TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min.Qty.
M12x1,5	3,0 - 6,5	6,0	12,0	14,0	14,0	22,0	15,5	BMBC-ES	50	2.000
M16x1,5	5,0 - 10,0	7,0	16,0	20,0	20,0	28,5	22,0	BMBC-E1	50	1.000
M20x1,5	6,0 - 12,0	8,0	20,0	22,0	22,0	26,5	24,0	BMBC-E2	50	800
M25x1,5	11,0 - 17,0	8,0	25,0	27,0	27,0	32,5	30,0	BMBC-E3	25	400
M32x1,5	15,0 - 21,0	8,0	32,0	34,0	34,0	36,0	37,0	BMBC-E4	25	250
M40x1,5	19,0 - 28,0	9,0	40,0	43,0	43,0	43,5	48,4	BMBC-E5	20	140
M50x1,5	27,0 - 38,0	9,0	50,0	58,0	58,0	52,0	64,0	BMBC-E6	12	72
M63x1,5	34,0 - 44,0	14,0	63,0	64,0	68,0	54,0	75,0	BMBC-E7	12	72
Glands With Long Thread										
M12x1,5	3,0 - 6,5	12,0	12,0	14,0	14,0	22,0	15,5	BMBE-ES	50	2.000
M16x1,5	5,0 - 10,0	12,0	16,0	20,0	20,0	28,5	22,0	BMBE-E1	50	1.000
M20x1,5	6,0 - 12,0	12,0	20,0	22,0	22,0	26,5	24,0	BMBE-E2	50	800
M25x1,5	11,0 - 17,0	12,0	25,0	27,0	27,0	32,5	30,0	BMBE-E3	25	400
M32x1,5	15,0 - 21,0	15,0	32,0	34,0	34,0	36,0	37,0	BMBE-E4	25	250
M40x1,5	19,0 - 28,0	15,0	40,0	43,0	43,0	43,5	48,4	BMBE-E5	20	120
M50x1,5	27,0 - 38,0	15,0	50,0	58,0	58,0	52,0	64,0	BMBE-E6	10	70
M63x1,5	34,0 - 44,0	15,0	63,0	64,0	68,0	54,0	75,0	BMBE-E7	10	70

Pg Thread Cable Glands

Thread Type	Clamping Range Ø min-max mm	Technical Information						Codes	Packing Information	
		TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min.Qty.
Pg 7	3,0 - 6,5	6,0	12,5	14,0	14,0	22,0	15,5	BSBC-01	50	2.000
Pg 9	4,0 - 8,0	6,0	15,2	17,0	17,0	23,5	18,9	BSBC-02	50	1.500
Pg 11	5,0 - 10,0	6,0	18,6	20,0	20,0	26,0	22,0	BSBC-03	50	1.000
Pg 13,5	6,0 - 12,0	6,5	20,4	22,0	22,0	24,5	24,5	BSBC-04	50	800
Pg 16	10,0 - 14,0	6,5	22,5	24,0	24,0	28,0	26,5	BSBC-05	25	500
Pg 21	13,0 - 18,0	7,2	28,3	30,0	30,0	32,5	33,0	BSBC-06	25	350
Pg 29	18,0 - 25,0	8,0	37,0	40,0	40,0	38,5	44,5	BSBC-07	20	160
Pg 36	22,0 - 32,0	9,0	47,0	50,0	50,0	48,0	55,5	BSBC-08	15	90
Pg 42	30,0 - 38,0	12,0	54,0	58,0	58,0	48,5	64,0	BSBC-09	12	72
Pg 48	34,0 - 44,0	14,0	59,3	64,0	64,0	53,0	70,0	BSBC-10	12	72
Glands With Long Thread										
Pg 7	3,0 - 6,5	10,0	12,5	14,0	14,0	22,0	15,5	BSBE-01	50	2.000
Pg 9	4,0 - 8,0	10,0	15,2	17,0	17,0	23,5	18,9	BSBE-02	50	1.500
Pg 11	5,0 - 10,0	10,0	18,6	20,0	20,0	26,0	22,0	BSBE-03	50	1.000
Pg 13,5	6,0 - 12,0	10,0	20,4	22,0	22,0	24,5	24,5	BSBE-04	50	800
Pg 16	10,0 - 14,0	10,0	22,5	24,0	24,0	28,0	26,5	BSBE-05	25	600
Pg 21	13,0 - 18,0	12,0	28,3	30,0	30,0	32,5	33,0	BSBE-06	25	350
Pg 29	18,0 - 25,0	12,0	37,0	40,0	40,0	38,5	44,5	BSBE-07	20	160
Pg 36	22,0 - 32,0	14,0	47,0	50,0	50,0	48,0	55,5	BSBE-08	15	90
Pg 42	30,0 - 38,0	16,0	54,0	58,0	58,0	48,5	64,0	BSBE-09	12	72
Pg 48	34,0 - 44,0	18,0	59,3	64,0	64,0	53,0	70,0	BSBE-10	12	72

Npt Thread Cable Glands

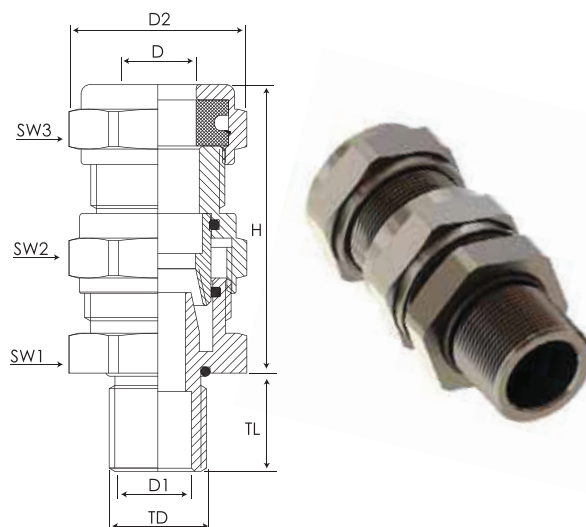
Thread Type	Clamping Range Ø min-max inch	Technical Information						Codes	Packing Information	
		TL inch	TD inch	SW1 inch	SW2 inch	Max. H inch	D inch		Inner Pack	Box/Min.Qty.
NPT 3/8"	0,157 - 0,314	0,452	0,661	0,669	0,748	0,905	0,826	BNBC-01	50	1.000
NPT 3/8"	0,196 - 0,393	0,452	0,661	0,787	0,787	1,160	0,866	BNBC-01S	50	1.000
NPT 1/2"	0,236 - 0,472	0,511	0,822	0,866	0,866	1,003	0,964	BNBC-02	50	800
NPT 1/2"	0,393 - 0,551	0,511	0,822	0,944	0,944	1,100	1,055	BNBC-02S	50	600
NPT 3/4"	0,511 - 0,708	0,511	1,030	1,181	1,181	1,397	1,299	BNBC-03	25	300
NPT 1"	0,708 - 0,984	0,511	1,291	1,574	1,692	1,692	1,751	BNBC-04	10	160

Stainless Steel Metric & Pg Thread Cable Glands

Thread Type	Clamping Range Ø min-max mm	Technical Information						Codes	Packing Information	
		TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min.Qty.
Metric Thread (Attachment thread : EN 60423)										
M12x1,5	3,0 - 6,5	6,0	12,0	14,0	14,0	21,5	15,5	BMSC-05	50	2.000
M16x1,5	4,0 - 8,0	7,0	16,0	17,0	19,0	23,0	20,8	BMSC-01	50	1.500
M20x1,5	6,0 - 12,0	8,0	20,0	22,0	22,0	24,0	24,5	BMSC-02	50	800
M25x1,5	10,0 - 14,0	8,0	25,0	24,0	27,0	27,5	29,6	BMSC-03	25	500
M32x1,5	13,0 - 18,0	9,0	32,0	30,0	36,0	32,5	38,9	BMSC-04	25	350
M40x1,5	18,0 - 25,0	9,0	40,0	41,0	46,0	40,6	51,4	BMSC-05	20	160
M50x1,5	22,0 - 32,0	9,0	50,0	50,0	55,0	46,0	60,0	BMSC-06	15	90
M63X1,5	34,0 - 44,0	14,0	63,0	65,0	70,0	52,0	77,0	BMSC-07	12	72
Pg Thread (Attachment thread : DIN 40430)										
Pg7	3,0 - 6,5	6,0	12,5	14,0	14,0	21,8	15,3	BSSC-01	50	2.000
Pg9	4,0 - 8,0	6,0	15,2	17,0	19,0	22,6	21,0	BSSC-02	50	1.500
Pg11	5,0 - 10,0	6,0	18,6	22,0	22,0	25,5	24,0	BSSC-03	50	1.000
Pg13,5	6,0 - 12,0	6,5	20,4	22,0	22,0	24,1	24,5	BSSC-04	50	800
Pg16	10,0 - 14,0	6,5	22,5	24,0	24,0	27,5	26,5	BSSC-05	25	600
Pg21	13,0 - 18,0	7,2	28,3	30,0	30,0	31,5	32,9	BSSC-06	25	350
Pg29	18,0 - 25,0	8,0	37,0	41,0	41,0	37,1	45,5	BSSC-07	20	160
Pg36	22,0 - 32,0	9,0	47,0	50,0	50,0	46,0	55,5	BSSC-08	15	90
Pg42	30,0 - 38,0	12,0	54,0	60,0	60,0	48,1	66,5	BSSC-09	12	72
Pg48	34,0 - 44,0	14,0	59,3	65,0	65,0	49,3	72,0	BSSC-10	12	72



Technical Details				
Material	Cap	Brass, Nickel Plated		
	Body	Brass, Nickel Plated		
	Seal	Nbr, Chloroprene or Silicone Rubber		
	O-ring	Nbr, Chloroprene or Silicone Rubber		
	Swivel Braid Ring	Brass, Nickel Plated		
Cable Type		Steel wire armor		
Protection class		IP66 – IP67 5 Bar		
Working Temperature	Nbr	-30°C / +120°C		
	Chloroprene	-40°C / +100°C		
	Silicone	-60°C / +180°C		
Attachment Thread		Metric - EN 60423 Other thread types also available upon request.		
Order Encoding				
Thread	Material	Plated	Sealing	Code Examples
M (Metric)	B (Brass)	N (Nickel)	C (Chloroprene) S (Silicone) N(Nbr)	KBE01SMBNC KBE01SMBNS KBE01SMBNN



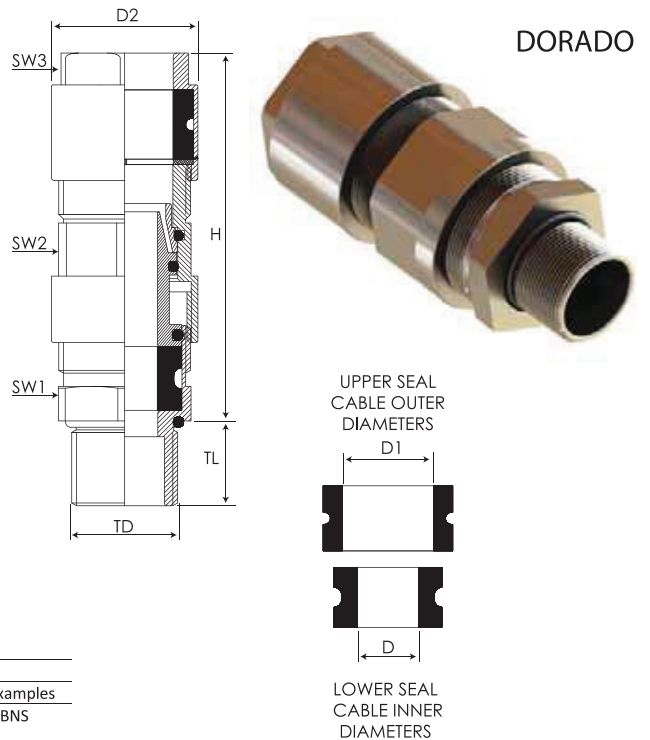
Metric Thread Cable Glands

Thread Type (TD)	Clamping Range \varnothing D Min-Max mm	Cable Gland Dimensions							Armor Wire Diameter mm	Code
		H min mm	TL min mm	SW1 mm	SW2 mm	SW3 mm	D2 Min mm	D1 Max mm		
M16x1.5	6,0-12,0	47	16	26	26	26	29	9,0	0,2-1,5	KBE01SM
M16x1.5	8,5-16,0	45	16	26	26	26	31,5	12,3	0,2-1,6	KBE01M
M20x1.5	6,0-12,0	47	16	26	26	26	29	9,0	0,2-1,5	KBE1SM
M20x1.5	8,5-16,0	45	16	29	29	29	31,5	12,5	0,3-1,6	KBE1M
M20x1.5	16,0-20,0	49	16	28	32	32	35	15	0,3-1,7	KBE1LM
M20x1.5	8,5-16,0	45	16	29	29	29	31,5	12,5	0,3-1,6	KBE2SM
M25x1.5	16,0-21,0	51	18	32	34	34	37	16,5	0,4-1,7	KBE2M
M25x1.5	16,0-26,0	55	18	36	40	40	44	20,5	0,5-1,7	KBE2LM
M32x1.5	16,0-26,0	55	18	36	40	40	44	20,5	0,5-1,7	KBE3SM
M32x1.5	20,0-33,0	66	18	48	52	52	57	26,5	0,5-1,9	KBE3M
M40x1.5	20,0-33,0	66	18	48	52	52	57	26,5	0,5-1,9	KBE4SM
M40x1.5	29,0-41,0	70	18	55	60	60	66	32,5	0,5-2,3	KBE4M
M50x1.5	33,0-48,0	84,5	18	60	70	75	82	35,5	0,6-2,6	KBE5SM
M50x1.5	36,0-52,0	88	18	70	70	74	83	41,5	0,6-2,9	KBE5M
M63x1.5	43,0-57,0	90,5	20	75	80	80	89,5	45,5	0,6-3,5	KBE6SM
M63x1.5	47,0-60,0	92,5	20	85	85	85	94	52,5	0,6-3,5	KBE6M
M75x1.5	47,0-60,0	93,5	20	85	85	85	94	52,5	0,6-3,5	KBE7SM
M75x1.5	54,0-70,0	100	20	90	95	100	110,5	60,5	0,7-3,6	KBE7M



Approved by	IMQ	
Examination Certificate Number	IMQ 11 ATEX 036	
Date of Issue	14.05.2012	
Test Report Number	43AL00050	
Safety Requirements	EN 60079-0:2009 EN 60079-1:2007 EN 60079-7:2007 EN 60079-31:2009	
Equipment Marking	Ex II 2 GD	Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db
Approved	GOST"R"	
Equipment	Gas Group ZONE1/ZONE2	Dust Group ZONE21/ZONE 22
Suitable for use in	Group II	Group III
	Gas Group IIC	Dust Group IIIC
For	Gas & Dust potentially explosive atmospheres	
Degree of Protection	IP66 – IP68 [EN 60529]	
Marking	BMD BA.. Ex CE 0722 II 2GD Exd IIC GB / Exe IIC Gb / Ex tb IIIC Db Ta-30°C +120°C IP66/68 IMQ 10 ATEX 036	
Deluge Proof Option	Standard	
Cable Type	Steel wire armor	
Seal	Nbr	-30°C / +120°C
Operating Temperature	Chloroprene	-40°C / +100°C
	Silicone	-60°C / +180°C
Material	Brass	Stainless Steel
Thread Type	Metric (M) ISO Pitch 1,5 Npt (N) ANSI ASME B1.20.1 Other thread types also available upon request.	

Order Encoding					
Type	Thread	Material	Plated	Sealing	Code Examples
BA01	M (Metric) N (Npt)	B (Brass) X (Stainless Steel)	N (Nickel Only for Brass)	N (NBR) C (Chloroprene) S (Silicone)	BA01MBNS



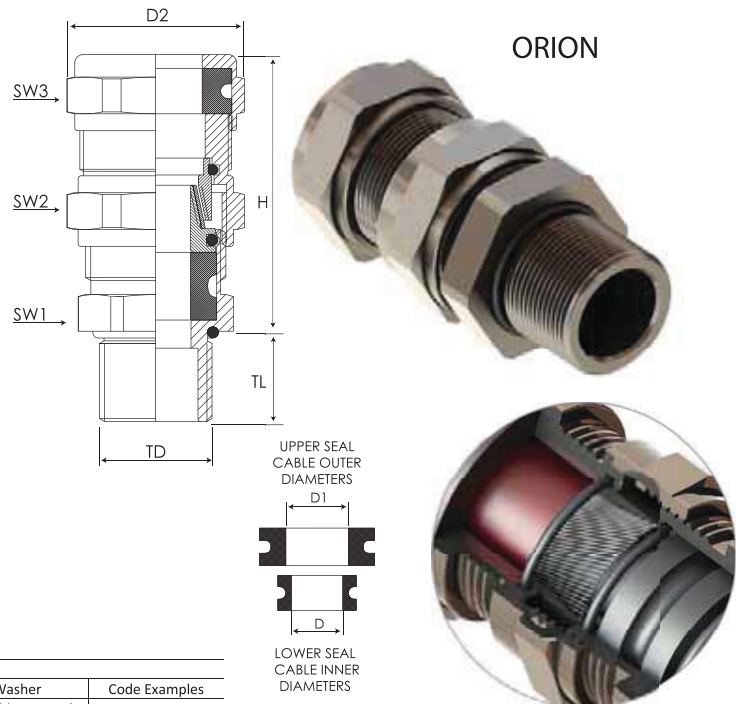
Thread Type (TD)	Code	Clamping Range Ø min-max		Cable Gland Dimensions						Armor Wire Ø (mm)
		D mm	D1 mm	H min (mm)	TL min (mm)	SW1 (mm)	SW2 (mm)	SW3 (mm)	D2 Min (mm)	
M16x1.5	BA01SM	3,0-8,5	6,0-12,0	59,0	16,0	22	22	22	25,0	0,7-1,5
M16x1.5	BA01M	4,0-12,0	9,0-18,0	70,5	16,0	25	25	24	27,6	0,7-1,2
M20x1.5	BA1M	4,0-12,0	9,0-18,0	69,0	16,0	25	25	24	27,6	0,7-1,5
M25x1.5	BA2M	9,0-20,0	14,0-26,0	82,5	18,0	36	40	36	43,5	1,2-2,1
M32x1.5	BA3M	15,0-26,0	20,0-33,0	109,5	18,0	48	48	48	54,5	1,0-2,1
M40x1.5	BA4M	20,0-32,0	29,0-41,0	116,0	18,0	55	60	55	63,0	1,2-2,6
M50x1.5	BA5M	22,0-35,0	36,0-52,0	123,5	18,0	60	65	60	69,6	1,8-3,2
M63x1.5	BA6M	35,0-45,0	42,0-62,0	153,0	20,0	75	75	75	84,5	2,7-4,2
M75x1.5	BA7M	45,0-60,0	54,0-78,0	173,0	20,0	90	95	90	105,5	2,4-4,5
M90x1.5	BA8M	60,0-72,0	63,0-88,0	197,5	20,0	110	115	110	124,2	2,3-4,1
M110x1.5	BA10M	75,0-85,0	88,0-105,0	227,0	20,0	135	135	130	143,0	2,4-4,2
NPT 3/8"	BA01SN	3,0-8,5	6,0-12,0	59,0	16,0	22	22	22	25,0	0,7-1,5
NPT 3/8"	BA01N	4,0-12,0	9,0-18,0	70,5	16,0	25	25	24	27,6	0,7-1,2
NPT 1/2"	BA1N	4,0-12,0	9,0-18,0	69,0	16,0	25	25	24	27,6	0,7-1,5
NPT 3/4"	BA2N	9,0-20,0	14,0-26,0	82,5	16,0	36	40	36	43,5	1,2-2,1
NPT 1"	BA3N	15,0-26,0	20,0-33,0	109,5	21,0	48	48	48	54,5	1,0-2,1
NPT 1 1/4"	BA4N	20,0-32,0	29,0-41,0	116,0	18,0	55	60	55	63,0	1,2-2,6
NPT 1 1/2"	BA5N	22,0-35,0	36,0-52,0	123,5	21,0	60	65	60	69,6	1,8-3,2
NPT 2"	BA6N	35,0-45,0	42,0-62,0	153,0	20,0	75	75	75	84,5	2,7-4,2
NPT 2 1/2"	BA7N	45,0-60,0	54,0-78,0	173,0	20,0	90	95	90	105,5	2,4-4,5
NPT 3"	BA8N	60,0-72,0	63,0-88,0	197,5	20,0	110	115	110	124,2	2,3-4,1
NPT 4"	BA10N	75,0-85,0	88,0-105,0	227,0	20,0	135	135	130	143,0	2,4-4,2



Approved by	CESI		CESI	
Examination Certificate Number	CESI 13 ATEX 033X		IECEX CES 13.0013X	
Date of Issue	15.07.2013		15.07.2013	
Test Report Number	EX-B3019128		IT/CES/ExTR13.0007/00	
Safety Requirements	EN 60079-0:2012 EN 60079-1:2007 EN 60079-7:2007 EN 60079-31:2009		IEC 60079-0:2011 Edition:6.0 IEC 60079-1:2007-04 Edition:6.0 IEC 60079-31:2008 Edition:1 IEC 60079-7:2006-07 Edition:4	
Equipment Marking	Ex II 2 GD	Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db	Ex II 2 GD	Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db
Approved	GOST"R" - INMETRO			

Equipment	Gas Group ZONE1/ZONE2	Dust Group ZONE21/ZONE 22
Suitable for use in	Group II	Group III
For	Gas Group IIC	Dust Group IIIC
Degree of Protection	Gas & Dust potentially explosive atmospheres IP66 - IP68 (EN 60529)	
Marking	BMD KBA. Ex CE 0722 II 2GD Exd IIC GB / Exe IIC Gb / Ex tb IIIC Db Ta -40°C +100°C IP66/68 IECEX CES 13.0013X / CESI 13 ATEX 033X	
Cable Type	SWA - AWA	
Seal Operating Temperature	Chloroprene (C)	-40°C / +100°C
	Silicone (S)	-60°C / +130°C
*(LT) Seal Operating Low temperature	Chloroprene (C)	-40°C / +80°C
	Silicone (S)	-60°C / +80°C
Material	Brass Stainless Steel	
Thread Type	Metric (M) ISO Pitch 1,5 Npt (N) ANSI ASME B1.20.1 Other thread types also available upon request.	

Order Encoding						
Type	Thread	Material	Plated	Sealing	Washer	Code Examples
KBA01	M (Metric)	B (Brass)	N (Nickel Only for Brass)	C (Chloroprene)	WC (Chloroprene)	KBA01MBNS
KBA1MLT	N (Npt)	X (Stainless Steel)		S (Silicone)	WS (Silicone) WF (Green Fibre)	KBA1MLTBNSWS



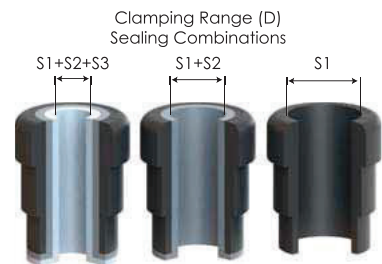
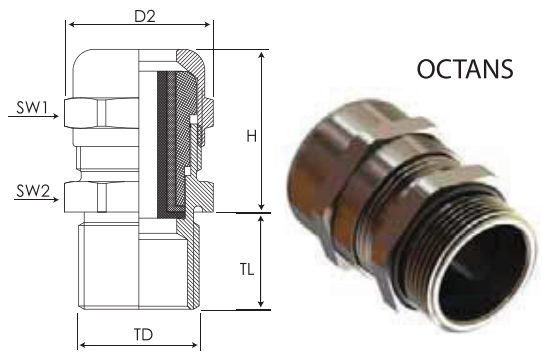
Thread Type (TD)	Code	Clamping Range Ø min-max		Cable Gland Dimensions							Armor Wire Ø (mm)	
		D mm	D1 mm	H min (mm)	TL min (mm)	SW1 (mm)	SW2 (mm)	SW3 (mm)	D2 Min (mm)			
M16x1.5	KBA01SM	3,0-8,5	6,0-12,0	47,5	16,0	22,0	26,0	26,0	29,0	29,0	31,5	0,7-1,2
M16x1.5	KBA01M	6,0-12,0	8,5-16,0	50,0	16,0	25,0	29,0	29,0	31,5	31,5	0,7-1,2	
M20x1.5	KBA1SM	3,0-8,5	6,0-12,0	47,5	16,0	24,0	26,0	26,0	29,0	29,0	31,5	0,7-1,2
M20x1.5	KBA1M	6,0-12,0	8,5-16,0	49,0	16,0	25,0	29,0	29,0	31,5	31,5	0,7-1,2	
M20x1.5	KBA1LM	8,5-14,5	12,0-20,0	50,0	16,0	28,0	30,0	30,0	35,0	35,0	0,8-1,3	
*M20x1.5	KBA1MLT	8,5-14,5	12,0-20,0	56,4	16,0	28,0	30,0	32,0	35,0	35,0	0,7-1,2	
M25x1.5	KBA2SM	6,0-12,0	8,5-16,0	50,5	18,0	29,0	29,0	29,0	31,5	31,5	0,7-1,2	
M25x1.5	KBA2M	8,5-16,0	12,0-21,0	53,0	18,0	32,0	34,0	32,0	37,0	37,0	0,8-1,3	
*M25x1.5	KBA2MLT	8,5-16,0	12,0-21,0	59,5	18,0	32,0	34,0	34,0	37,0	37,0	1,0-1,6	
M25x1.5	KBA2LM	12,0-20,0	16,0-26,0	60,5	18,0	36,0	40,0	40,0	44,0	44,0	1,0-1,6	
*M25x1.5	KBA2XMMLT	8,5-14,5	12,0-16,0	56,4	16,0	29,0	30,0	32,0	35,0	35,0	1,0-1,6	
M32x1.5	KBA3SM	12,0-20,0	16,0-26,0	62,0	18,0	40,0	40,0	40,0	44,0	44,0	1,0-1,6	
*M32x1.5	KBA3XMMLT	8,5-16,0	12,0-21,0	59,5	18,0	36,0	34,0	34,0	37,0	37,0	1,0-1,6	
M32x1.5	KBA3M	15,0-26,0	20,0-33,0	78,5	18,0	48,0	52,0	52,0	57,0	57,0	1,0-1,8	
M40x1.5	KBA4SM	15,0-26,0	20,0-33,0	78,5	18,0	48,0	52,0	52,0	57,0	57,0	1,0-1,8	
M40x1.5	KBA4M	20,0-32,0	29,0-41,0	89,5	18,0	55,0	60,0	60,0	66,0	66,0	1,5-2,2	
M50x1.5	KBA5SM	22,0-35,0	33,0-48,0	96,5	18,0	60,0	70,0	75,0	82,0	82,0	2,0-2,7	
M50x1.5	KBA5M	27,0-41,0	36,0-52,0	100,0	18,0	70,0	70,0	74,0	83,0	83,0	2,0-2,7	
M63x1.5	KBA6SM	35,0-45,0	43,0-57,0	106,0	20,0	75,0	80,0	80,0	89,5	89,5	2,5-3,5	
M63x1.5	KBA6M	40,0-52,0	47,0-60,0	108,0	20,0	85,0	85,0	85,0	94,0	94,0	2,0-3,0	
M75x1.5	KBA7SM	40,0-52,0	47,0-60,0	108,0	20,0	85,0	85,0	85,0	94,0	94,0	2,0-3,0	
M75x1.5	KBA7M	45,0-60,0	54,0-70,0	125,0	20,0	90,0	95,0	100,0	110,5	110,5	1,8-3,0	
M90x1.5	KBA8SM	45,0-60,0	54,0-70,0	124,0	20,0	95,0	95,0	100,0	110,5	110,5	1,8-3,0	
M90x1.5	KBA8M	60,0-72,0	63,0-80,0	154,0	20,0	110,0	115,0	115,0	127,0	127,0	1,8-3,5	
NPT3/8"	KBA01SN	3,0-8,5	6,0-12,0	47,5	16,0	22,0	26,0	26,0	29,0	29,0	31,5	0,7-1,2
NPT3/8"	KBA01N	6,0-12,0	8,5-16,0	50,0	16,0	25,0	29,0	29,0	31,5	31,5	0,7-1,2	
NPT1/2"	KBA1SN	3,0-8,5	6,0-12,0	47,5	16,0	24,0	26,0	26,0	29,0	29,0	31,5	0,7-1,2
NPT1/2"	KBA1N	6,0-12,0	8,5-16,0	49,0	16,0	25,0	29,0	29,0	31,5	31,5	0,7-1,2	
*NPT1/2"	KBA1NLT	8,5-14,5	12,0-20,0	56,4	16,0	28,0	30,0	32,0	35,0	35,0	0,7-1,2	
NPT1/2"	KBA1LN	8,5-14,5	12,0-20,0	50,0	18,0	28,0	30,0	32,0	35,0	35,0	0,8-1,3	
NPT3/4"	KBA2SN	6,0-12,0	8,5-16,0	50,5	18,0	29,0	29,0	29,0	31,5	31,5	0,7-1,2	
NPT3/4"	KBA2N	8,5-16,0	12,0-21,0	53,0	18,0	32,0	34,0	32,0	37,0	37,0	0,8-1,3	
*NPT3/4"	KBA2NLT	8,5-16,0	12,0-21,0	59,5	18,0	32,0	34,0	34,0	37,0	37,0	0,7-1,2	
NPT3/4"	KBA2LN	12,0-20,0	16,0-26,0	60,5	21,0	36,0	40,0	40,0	44,0	44,0	1,0-1,6	
*NPT3/4"	KBA2XMMLT	8,5-14,5	12,0-20,0	56,4	21,0	29,0	30,0	32,0	35,0	35,0	1,0-1,6	
NPT1"	KBA3SN	12,0-20,0	16,0-26,0	62,0	21,0	40,0	40,0	40,0	44,0	44,0	1,0-1,6	
NPT1"	KBA3N	15,0-26,0	20,0-33,0	78,5	21,0	48,0	52,0	52,0	57,0	57,0	1,0-1,8	
*NPT1"	KBA3XMMLT	8,5-16,0	12,0-21,0	59,5	21,0	36,0	34,0	34,0	37,0	37,0	1,0-1,8	
NPT1 1/4"	KBA4SN	15,0-26,0	20,0-33,0	78,5	21,0	48,0	52,0	52,0	57,0	57,0	1,0-1,8	
NPT1 1/4"	KBA4N	20,0-32,0	29,0-41,0	89,5	18,0	55,0	60,0	60,0	66,0	66,0	1,5-2,2	
NPT1 1/2"	KBA5SN	22,0-35,0	33,0-48,0	96,5	21,0	60,0	70,0	75,0	82,0	82,0	2,0-2,7	
NPT1 1/2"	KBA5N	27,0-41,0	36,0-52,0	100,0	21,0	70,0	70,0	74,0	83,0	83,0	2,0-2,7	
NPT2"	KBA6SN	35,0-45,0	43,0-57,0	106,0	20,0	75,0	80,0	80,0	89,5	89,5	2,5-3,5	
NPT2"	KBA6N	40,0-52,0	47,0-60,0	108,0	21,0	85,0	85,0	85,0	94,0	94,0	2,0-3,0	
NPT2 1/2"	KBA7SN	40,0-52,0	47,0-60,0	108,0	21,0	85,0	85,0	85,0	94,0	94,0	2,0-3,0	
NPT2 1/2"	KBA7N	45,0-60,0	54,0-70,0	125,0	20,0	90,0	95,0	100,0	110,5	110,5	1,8-3,0	
NPT3"	KBA8SN	45,0-60,0	54,0-70,0	124,0	21,0	95,0	95,0	100,0	110,5	110,5	1,8-3,0	
NPT3"	KBA8N	60,0-72,0	63,0-80,0	154,0	21,0	110,0	115,0	115,0	127,0	127,0	1,8-3,5	

Approved by	IMQ		IMQ	
Examination Certificate Number	IMQ 13 ATEX 018X		IECEX IMQ 13.0006X	
Date of Issue	29.07.2013		31.10.2013	
Test Report Number	43AN00024		54AN00009	
Safety Requirements	EN 60079-0:2009 EN 60079-7:2007 EN 60079-31:2009		IEC 60079-0:2007 Edition:5 IEC 60079-7:2006 Edition:4 IEC 60079-31:2008 Edition:1	
Equipment Marking	Ex II 2 GD	Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db	Ex II 2 GD	Exd IIC Gb Ex e IIC Gb Ex tb IIIC Db

Equipment	Gas Group	Dust Group
	ZONE1/ZONE2	ZONE21/ZONE 22
Suitable for use in	Group II	Group III
	Gas Group IIC	Dust Group IIC
For	Gas & Dust potentially explosive atmospheres	
Degree of Protection	IP66 – IP68 (EN 60529)	
Marking	BMD EBU.. Ex CE 0722 II 2GD Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db Ta-40°C +80°C IP66/68 IECEX IMQ 13.0006X / IMQ 13 ATEX 018X	
Cable Type	Non-armor	
Seal Operating Temperature	Seal	Temperatures*
	Chloroprene	-40°C / +80°C
	Silicone	-60°C / +80°C
Material	Brass Stainless Steel Aluminium	
Thread Type	Metric (M) ISO Pitch 1,5 Npt (N) ANSI ASME B1.20.1 Other thread types also available upon request.	

*customised high temperature (+100°C) Ex-e application is also available.

Order Encoding					
Type	Thread	Material	Plated	Sealing	Code Examples
EBU01	M (Metric) N (Npt)	B (Brass) X (Stainless Steel) A (Aluminium)	N (Nickel Only for Brass)	C (Chloroprene) S (Silicone)	EBU01MBNS



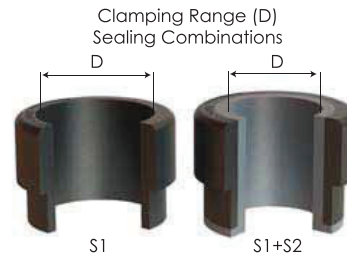
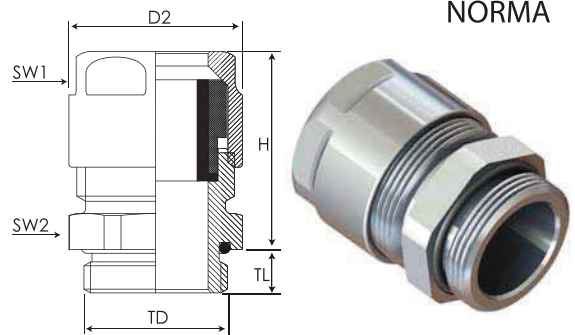
Thread Type (TD)	Code	Clamping Range Ø min-max				Cable Gland Dimensions				
		D mm	S1+S2+S3 mm	S1+S2 mm	S1 mm	H min (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	D2 (mm)
*M8x1,25	EBU0XSM	2,0-4,0	-	-	2,0-4,0	15,5	5	11	11	12,0
*M12x1,5	EBU0SM	4,0-8,0	4,0-6,0	6,0-8,0	-	14,5	16	22	22	24,5
M16x1,5	EBU01SM	3,0-9,0	-	3,0-6,0	6,0-9,0	11,0	16	20	20	24,5
M16x1,5	EBU01M	4,0-12,0	4,0-6,0	6,0-9,0	9,0-12,0	24,0	16	22	22	24,5
M20x1,5	EBU1M	4,0-12,0	4,0-6,0	6,0-9,0	9,0-12,0	24,0	16	22	22	24,5
M20x1,5	EBU12M	10,0-16,0	10,0-12,0	12,0-14,5	14,5-16,0	29,0	16	28	28	31,0
M25x1,5	EBU2M	10,0-18,0	10,0-12,0	12,0-14,5	14,5-18,0	24,0	16	28	28	31,0
M25x1,5	EBU23M	14,0-20,0	14,0-17,0	17,0-20,0	-	34,0	16	35	35	39,0
M32x1,5	EBU3M	14,0-24,0	14,0-17,0	17,0-20,0	20,0-24,0	27,0	16	35	35	39,0
M32x1,5	EBU34M	22,0-28,0	22,0-24,0	24,0-27,0	27,0-28,0	37,0	16	45	45	49,5
M40x1,5	EBU4M	22,0-32,0	22,0-24,0	24,0-27,0	27,0-32,0	27,0	18	45	45	49,5
M40x1,5	EBU45M	26,0-34,0	26,0-28,0	28,0-31,0	31,0-34,0	37,0	18	50	50	56,0
M50x1,5	EBU5M	26,0-35,0	26,0-28,0	28,0-31,0	31,0-35,0	28,0	18	50	55	56,0
M50x1,5	EBU56M	35,0-44,0	35,0-38,0	38,0-41,0	41,0-44,0	45,0	18	64	64	70,0
M63x1,5	EBU6M	35,0-45,0	35,0-38,0	38,0-41,0	41,0-45,0	35,0	18	64	68	70,0
M63x1,5	EBU67M	46,0-56,0	46,0-48,0	48,0-52,0	52,0-56,0	44,0	18	80	75	89,0
M75x1,5	EBU7M	46,0-62,0	46,0-51,0	51,0-57,0	57,0-62,0	44,0	20	80	80	89,0
M75x1,5	EBU78M	60,0-70,0	60,0-63,0	63,0-69,0	69,0-70,0	55,0	20	95	95	105,0
M90x1,5	EBU8M	60,0-70,0	60,0-63,0	63,0-69,0	69,0-70,0	55,0	20	95	95	105,0
M90x1,5	EBU810M	75,0-85,0	75,0-79,0	79,0-82,0	82,0-85,0	57,0	20	105	105	117,0
M100x1,5	EBU10M	75,0-85,0	75,0-79,0	79,0-82,0	82,0-85,0	57,0	20	105	105	117,0
M110x1,5	EBU11M	85,0-95,0	85,0-89,0	89,0-92,0	92,0-95,0	57,0	20	115	115	129,0
*NPT1/4"	EBU0XSN	4,0-8,0	4,0-6,0	6,0-8,0	-	14,5	16	22	22	24,5
NPT3/8"	EBU01SN	3,0-9,0	-	3,0-6,0	6,0-9,0	11,0	16	20	20	24,5
NPT3/8"	EBU01N	4,0-12,0	4,0-6,0	6,0-9,0	9,0-12,0	14,5	16	22	22	24,5
NPT1/2"	EBU1N	4,0-12,0	4,0-6,0	6,0-9,0	9,0-12,0	26,5	16	22	22	24,5
NPT1/2"	EBU12N	10,0-16,0	10,0-12,0	12,0-14,5	14,5-16,0	30,0	16	28	28	31,0
NPT3/4"	EBU2N	10,0-18,0	10,0-12,0	12,0-14,5	14,5-18,0	30,0	16	28	28	31,0
NPT3/4"	EBU23N	14,0-20,0	14,0-17,0	17,0-20,0	-	33,0	16	35	35	39,0
NPT1"	EBU3N	14,0-24,0	14,0-17,0	17,0-20,0	20,0-24,0	33,5	16	35	35	39,0
NPT1"	EBU34N	22,0-26,0	22,0-24,0	24,0-26,0	-	40,0	16	45	45	49,5
NPT1 1/4"	EBU4N	22,0-32,0	22,0-24,0	24,0-27,0	27,0-32,0	40,5	18	45	45	49,5
NPT1 1/4"	EBU45N	26,0-34,0	26,0-28,0	28,0-31,0	31,0-34,0	43,5	18	50	50	56,0
NPT1 1/2"	EBU5N	26,0-35,0	26,0-28,0	28,0-31,0	31,0-35,0	42,5	18	50	55	56,0
NPT1 1/2"	EBU56N	35,0-41,0	35,0-38,0	38,0-41,0	-	42,5	18	64	64	70,0
NPT2"	EBU6N	35,0-45,0	35,0-38,0	38,0-41,0	41,0-45,0	43,5	18	64	68	70,0
NPT2"	EBU67N	46,0-56,0	46,0-48,0	48,0-52,0	52,0-56,0	52,5	18	80	75	89,0
NPT2 1/2"	EBU7N	46,0-62,0	46,0-51,0	51,0-57,0	57,0-62,0	52,0	20	80	80	89,0
NPT2 1/2"	EBU78N	60,0-70,0	60,0-63,0	63,0-69,0	69,0-70,0	55,0	20	95	95	105,0
NPT3"	EBU8N	60,0-70,0	60,0-63,0	63,0-69,0	69,0-70,0	55,0	20	95	95	105,0
NPT3"	EBU810N	75,0-85,0	75,0-79,0	79,0-82,0	82,0-85,0	54,5	20	105	105	117,0
NPT4"	EBU10N	75,0-85,0	75,0-79,0	79,0-82,0	82,0-85,0	54,5	20	105	115	117,0
NPT4"	EBU11N	85,0-95,0	85,0-89,0	89,0-92,0	92,0-95,0	56,0	20	115	115	129,0

* Only Ex e IIC Gb / Ex tb IIIC Db

Approved by	IMQ	
Examination Certificate Number	IMQ 13 ATEX 018X	IECEX IMQ 13.0006X
Date of Issue	29.07.2013	31.10.2013
Test Report Number	43AN00024	54AN00009
Safety Requirements	EN 60079-0:2009 EN 60079-7:2007 EN 60079-31:2009	IEC 60079-0:2007 Edition:5 IEC 60079-7:2006 Edition:4 IEC 60079-31:2008 Edition:1
Equipment Marking	Ex II 2 GD Ex e IIC Gb Ex tb IIIC Db	Ex II 2 GD Ex e IIC Gb Ex tb IIIC Db

Equipment	Gas Group	Dust Group
	ZONE1/ZONE2	ZONE21/ZONE 22
Suitable for use in	Group II	Group III
	Gas Group IIC	Dust Group IIIC
For	Gas & Dust potentially explosive atmospheres	
Degree of Protection	IP66 – IP68 (EN 60529)	
Marking	BMD NBU.. Ex CE 0722 II 2GD Ex e IIC Gb / Ex tb IIIC Db Ta-40°C +80°C IP66/68 IECEx IMQ 13.0006X / IMQ 13 ATEX 018X	
Cable Type	Non-armor, Shielded	
Seal Operating Temperature	Seal	Temperatures
	Epdm	-40°C / +80°C
	Silicone	-60°C / +80°C
Material	Brass Stainless Steel Aluminium	
Thread Type	Metric (M) ISO Pitch 1,5 Npt (N) ANSI ASME B1.20.1 Other thread types also available upon request.	

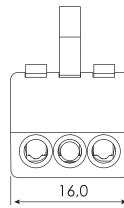
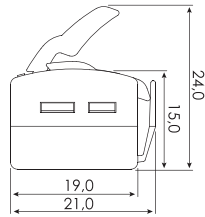
Order Encoding					
Type	Thread	Material	Plated	Sealing	Code Examples
NBU01	M (Metric)	B (Brass) X (Stainless Steel) A (Aluminium)	N (Nickel Only for Brass)	E (Epdm) S (Silicone)	NBU01MBNS



Thread Type (TD)	Code	Clamping Range Ø min-max			Cable Gland Dimensions				
		D mm	S1 mm	S1+S2 mm	H min (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	D2 (mm)
M12x1,5	NBU0XSM	4,0-7,0	4,0-7,0	-	23,6	9	14	14	15,5
M16x1,5	NBU01SM	5,0-8,0	5,0-8,0	-	28,2	9	18	18	20,0
M20x1,5	NBU1M	8,0-14,0	11,0-14,0	8,0-11,0	27,4	9	22	22	24,0
M25x1,5	NBU2M	10,0-16,0	13,0-16,0	10,0-13,0	27,9	9	27	27	30,0
M32x1,5	NBU3M	16,0-21,0	18,0-21,0	16,0-18,0	31,9	9	34	34	37,5
M40x1,5	NBU4M	18,0-27,0	22,0-27,0	18,0-22,0	38,4	9	42	42	46,5
M50x1,5	NBU5M	26,0-35,0	30,0-35,0	26,0-30,0	38,3	9	52	52	59,0
M63x1,5	NBU6M	32,0-49,0	40,0-49,0	32,0-40,0	57,3	12	65	65	72,0
NPT 1/4"	NBU0XSN	4,0-7,0	4,0-7,0	-	39,6	16	14	14	15,5
NPT 3/8"	NBU01SN	5,0-8,0	5,0-8,0	-	44,2	16	18	18	20,0
NPT 1/2"	NBU1N	8,0-14,0	11,0-14,0	8,0-11,0	43,4	16	22	22	24,0
NPT 3/4"	NBU2N	10,0-16,0	13,0-16,0	10,0-13,0	43,9	16	27	27	30,0
NPT 1"	NBU3N	16,0-21,0	18,0-21,0	16,0-18,0	51,9	20	34	34	37,5
NPT 1 1/4"	NBU4N	18,0-27,0	22,0-27,0	18,0-22,0	58,4	20	42	42	46,5
NPT 1 1/2"	NBU5N	26,0-35,0	30,0-35,0	26,0-30,0	58,3	20	52	52	59,0
NPT 2"	NBU6N	32,0-49,0	40,0-49,0	32,0-40,0	77,3	20	65	65	72,0



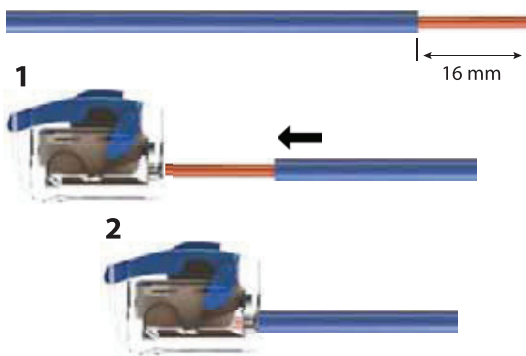
Technical Data	
Connection capabilities	: 3 poles
Wire cross section	: From 0,75mm ² to 2,50 mm ²
Cable types	: Rigid and flexible wires
Operation voltage	: 400 V AC
Operating current	: 24 A (Max)
Operating temperature	: From -30°C to +110°C
Housing material	: Plastic GWT 960°C
Flammability class	: V0 According UL 94
Contact material	: Electrolytic copper
Spring material	: Hardened steel
Conform to the standards	: EN 60998-1 EN 60998-2
Certified by	: LCIE - NF
Colour	: Black and Transparent
Cable stripping length	: 15 ~ 16 mm
Code	: PWC-03
Box Quantity	: 50 Pcs.



INSTRUCTION FOR USE

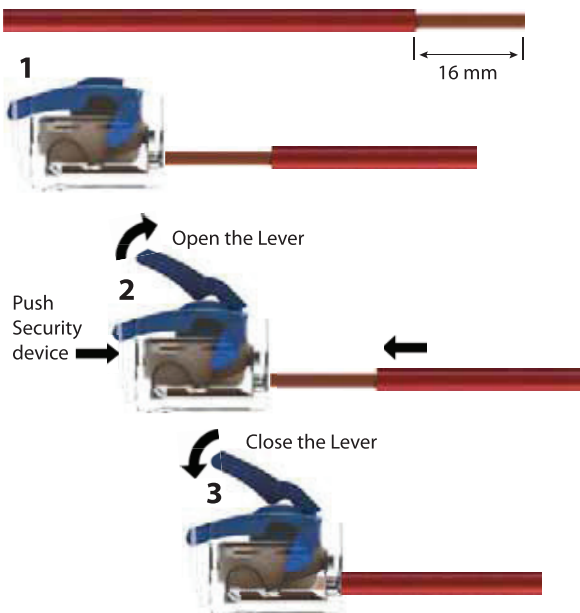
Rigid Core Cable Applications

PUSH IN



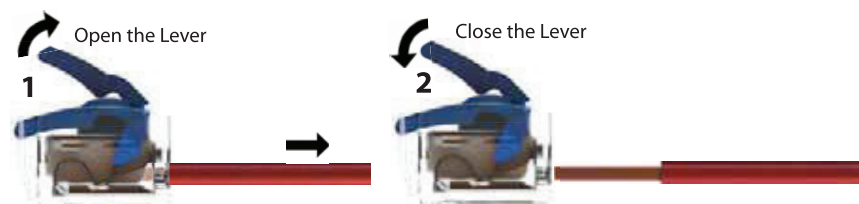
Flexible Core Cable Applications

PUSH IN

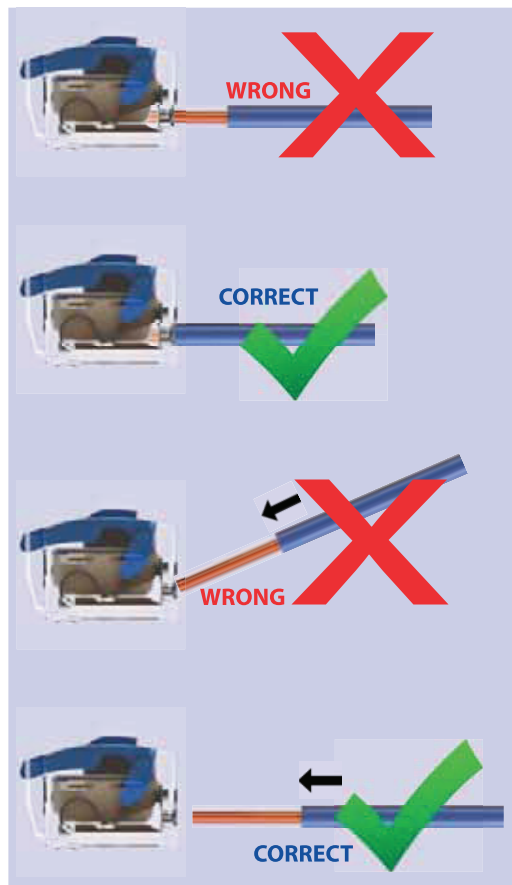


Rigid & Flexible Core Cable Applications

PULL OUT



APPLICATIONS



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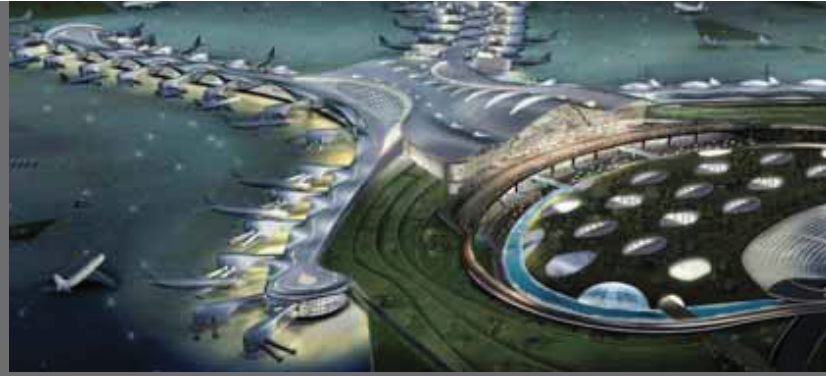
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