

## Rigid Conduit Fittings

Elbows  
Couplings  
Connectors  
Nipples  
Pulling Elbows  
Long & Short Elbows  
3 Piece Coupling  
Hubs  
Reducing Washers & Bushings  
Male Enlargers  
Female Reducers  
Straps, Hangers & Clamps  
Unions  
Reducers, Couplings & Plugs  
Flexible Coupling, Hazardous  
Expansion Joints  
Sealing Fittings  
Drains & Breathers  
Sealing Compound  
Hazardous  
Union, Hubs & Sealing Fittings

## EMT Fittings

Elbow  
Couplings  
Connectors  
Straps

## PVC Fittings

Coupling  
End Bell  
Adapters  
Elbows



Expansion Coupling  
Base Spacers

## Aluminium Conduit Fittings

Elbow  
Fittings

## Kopex Martel Fittings

## Liquid Tight Fittings

Coupler  
Connector

## PVC Coated Conduit Fittings Egatube Fittings



## Crouse-Hinds

## Wheat Land

## O-Z/Gedney

## Steel City

## Electroline

## Thomas & Betts

## Carlton

## Kopex

## Zindco

## Egatube

# Fittings

## Rigid Conduit Fittings

90°-45°

Standard Rigid Conduit Elbows



PIPE SIZE (IN.)	MIN. UL RADIUS (IN.)	OFFSET		WT. PER 100
		OFFSET	STRAIGHT	
1/2	4	6 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	71
3/4	4 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	110
1	5 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	198
1 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	10 <sup>7</sup> / <sub>8</sub>	3	310
1 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>4</sub>	12 <sup>13</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	446
2	9 <sup>1</sup> / <sub>2</sub>	14 <sup>9</sup> / <sub>16</sub>	4	675
2 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	18 <sup>8</sup> / <sub>16</sub>	6	1350
3	13	21 <sup>1</sup> / <sub>2</sub>	6	2099
3 <sup>1</sup> / <sub>2</sub>	15	24 <sup>1</sup> / <sub>2</sub>	8	2908
4	16	25 <sup>1</sup> / <sub>2</sub>	7	3519
5	24	36	10 <sup>1</sup> / <sub>2</sub>	6720
6	30	46 <sup>1</sup> / <sub>4</sub>	11	11523

## Special Large Radius 90°-45° Elbows

Galvanized Rigid

PIPE SIZE (IN.)	12" RADIUS		15" RADIUS		18" RADIUS		24" RADIUS		30" RADIUS		36" RADIUS		42" RADIUS		48" RADIUS	
	WGT. EACH (LBS.)															
1	5	6	6	6	8	9	10	12	13	14	16	18	18	18	18	
1 <sup>1</sup> / <sub>4</sub>	6	7	9	11	12	14	16	18	20	22	26	29	29	29	29	
1 <sup>1</sup> / <sub>2</sub>	8	9	10	13	15	17	20	22	26	29	35	41	45	45	45	
2	10	12	15	17	20	22	26	29	35	41	46	53	59	59	59	
2 <sup>1</sup> / <sub>2</sub>	16	19	21	26	31	35	41	45	55	64	71	71	71	71	71	
3	25	25	35	41	46	53	59	59	76	84	84	84	84	84	84	
3 <sup>1</sup> / <sub>2</sub>	STD.		34	42	49	55	64	71	76	84	84	84	84	84	84	
4	STD.		40	54	58	68	76	84	84	84	84	84	84	84	84	
5	STD.		STD.		77	87	100	112	112	112	112	112	112	112	112	
6	STD.		STD.		121	140	140	156	156	156	156	156	156	156	156	

WEIGHTS for Standard and Special Large Radius 90° elbows are approximate.

## Couplings

Galvanized Rigid

Pipe Size (in.)	Outside Diam. (in.)	Length City	Wt. per 100
1/2	1.010	1 <sup>9</sup> / <sub>16</sub>	12
3/4	1.250	1 <sup>9</sup> / <sub>8</sub>	18
1	1.525	2	30
1 <sup>1</sup> / <sub>4</sub>	1.869	2 <sup>1</sup> / <sub>16</sub>	37
1 <sup>1</sup> / <sub>2</sub>	2.155	2 <sup>1</sup> / <sub>16</sub>	52
2	2.650	2 <sup>1</sup> / <sub>8</sub>	72
2 <sup>1</sup> / <sub>2</sub>	3.250	3 <sup>1</sup> / <sub>8</sub>	170
3	3.870	3 <sup>1</sup> / <sub>4</sub>	210
3 <sup>1</sup> / <sub>2</sub>	4.500	3 <sup>3</sup> / <sub>8</sub>	340
4	4.875	3 <sup>1</sup> / <sub>2</sub>	300
5	6.000	3 <sup>3</sup> / <sub>4</sub>	475
6	7.200	4	765



Threadless Connector

## Threadless Connectors

Size	O.Z./Gedney	Steel City	T&B
1/2	31-050	HC-401	8121
3/4	31-075	HC-402	8221
1	31-100	HC-403	8321
1 <sup>1</sup> / <sub>4</sub>	31-125	HC-404	8421
1 <sup>1</sup> / <sub>2</sub>	31-150	HC-405	8521
2	31-200	HC-406	8621
2 <sup>1</sup> / <sub>2</sub>	31-250	HC-407	8721
3	31-300	HC-408	8821
3 <sup>1</sup> / <sub>2</sub>	.....	.....	.....
4	.....	.....	.....



Threadless Coupling



## Nipples Galvanized Rigid

PIPE SIZE (IN.)	CLOSE		1 <sup>1</sup> / <sub>2</sub> "	2"	2 <sup>1</sup> / <sub>2</sub> "	3"	3 <sup>1</sup> / <sub>2</sub> "
	LEN (IN.)	WT. PER 100	WT. PER 100	WT. PER 100	WT. PER 100	WT. PER 100	WT. PER 100
1/2	1 <sup>1</sup> / <sub>8</sub>	6	8	12	15	19	22
3/4	1 <sup>3</sup> / <sub>8</sub>	9	9	14	19	24	28
1	1 <sup>1</sup> / <sub>2</sub>	16		22	28	36	43
1 <sup>1</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	22		28	37	47	55
1 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	28		34	44	56	68
2	2	44			59	72	88
2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	84				100	120
3	2 <sup>5</sup> / <sub>8</sub>	118				130	157
3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>4</sub>	160					
4	2 <sup>7</sup> / <sub>8</sub>	180					
5	3	240					
6	3 <sup>1</sup> / <sub>8</sub>	350					

## Nipples Galvanized Rigid

PIPE SIZE (IN.)	4"	5"	6"	8"	10"	12"
	WT. PER 100					
1/2	26	33	40	54	68	82
3/4	34	43	52	73	89	109
1	49	64	78	109	138	166
1 <sup>1</sup> / <sub>4</sub>	66	84	100	136	176	216
1 <sup>1</sup> / <sub>2</sub>	80	103	122	170	216	260
2	103	132	160	220	285	335
2 <sup>1</sup> / <sub>2</sub>	150	197	240	329	422	505
3	200	260	300	411	528	630
3 <sup>1</sup> / <sub>2</sub>	240	320	373	510	655	785
4	285	380	440	600	775	925
5	480	600	720	825	1055	1260
6	660	820	920	1125	1440	1720

Nipples in lengths longer than 12" or special threading prices on application

## Set Screw Connectors-Steel or Malleable



Set Screw Connector

Size	O.Z./Gedney	Steel City
1/2	28-050	HC-101
3/4	28-075	HC-102
1	28-100	HC-103
1 <sup>1</sup> / <sub>4</sub>	28-125	HC-104
1 <sup>1</sup> / <sub>2</sub>	28-150	HC-105
2	28-200	HC-106
2 <sup>1</sup> / <sub>2</sub>	28-250	HC-107
3	28-300	HC-108

## Set Screw Couplings-Steel or Malleable



Set Screw Coupling

Size	O.Z./Gedney	Steel City	T&B
1/2	29-050	HK-101	8124
3/4	29-075	HK-102	8224
1	29-100	HK-103	8324
1 <sup>1</sup> / <sub>4</sub>	29-125	HK-104	8424
1 <sup>1</sup> / <sub>2</sub>	29-150	HK-105	8524
2	29-200	HK-106	8624
2 <sup>1</sup> / <sub>2</sub>	29-250	HK-107	8724
3	29-300	HK-108	8824

# Fittings



Pulling Elbow  
Female to Female

## 90° Pulling Elbows – Female to Female

Size	O.Z./Gedney	Crouse Hinds
1/2	FF-050	820
3/4	FF-075	821
1	FF-100	822
1 1/4	FF-125	823
1 1/2	FF-150	824
2	FF-200	825



Pulling Elbow  
Male to Female

## 90° Pulling Elbows – Male To Female

Size	O.Z./Gedney	Crouse Hinds	T&B
1/2	MF-050	810	.....
3/4	MF-075	811	.....
1	MF-100	812	.....
1 1/4	MF-125	813	.....
1 1/2	MF-150	.....	.....
2	MF-200	.....	.....



Offset  
Nipple

## Offset Nipples

Size	O.Z./Gedney	Steel City	T&B
1/2	ON-50	HO-221	1180
3/4	ON-75	HO-222	1181
1	ON-100	HO-223	1182
1 1/4	ON-125	HO-224	1183
1 1/2	ON-150	HO-225	1184
2	ON-200	HO-226	1185



Long  
Elbow

## 90° Long Elbows – Threaded

Size	O.Z./Gedney	Steel City	T&B
1/2	9-50	.....	460
3/4	9-75	.....	461
1	9-100	.....	462
1 1/4	9-125	.....	463



Short  
Elbow

## 90° Short Elbows – Threaded

Size	O.Z./Gedney	Crouse Hinds
1/2	8-50	EL196
3/4	8-75	EL-296
1	8-100	EL-396
1 1/4	8-125	EL-496
1 1/2	8-150	.....
2	8-200	.....



Bushed Chased  
Nipple

## Bushed Chase Nipples – Steel or Malleable, Zinc

Size	O.Z./Gedney	Electro-line	T&B
1/2	7-50	L701	842
3/4	7-75	L 702	843
1	7-100	L 703	844
1 1/4	7-125	L 704	845
1 1/2	7-150	L 705	846
2	7-200	L 706	847
2 1/2	7-250	L 707	848
3	7-300	L 708	849
3 1/2	7-350	L 709	850
4	7-400	L 710	851

## Capped Elbows – Threaded

Size	O.Z./Gedney	Steel City
1/2	LBY-50	LBY1
3/4	LBY-75	LBY2
1	LBY-100	LBY3
1 1/4	LBY-125	LBY4
1 1/2	LBY-150	LBY5



Insulated  
Chase Nipple

## Insulated Chase Nipples – Steel or Malleable

Size	O.Z./Gedney	Steel City	T&B
1/2	7-50T	HA-901	1942
3/4	7-75T	HA-902	1943
1	7-100T	HA-903	1944
1 1/4	7-125T	HA-904	1945
1 1/2	7-150T	HA-905	1946
2	7-200T	HA-906	1947
2 1/2	7-250T	.....	1948
3	7-300T	.....	1949



Conduit Coupling  
Three Piece

## 3 Piece Unions – Steel or Malleable

Size	O.Z./Gedney	Steel City	T&B
1/2	4-50	EK-401	675
3/4	4-75	EK-402	676
1	4-100	EK-403	677
1 1/4	4-125	EK-404	678
1 1/2	4-150	EK-405	679
2	4-200	EK-406	680
2 1/2	4-250	EK-407	681
3	4-300	EK-408	682
3 1/2	4-350	EK-409	683
4	4-400	EK-410	684



Rigid  
Conduit Hubs

## Rigid Conduit Hubs

Size	O.Z./Gedney	Myers Alum.*	Myers Zinc
1/2	CHM-50	STA-1	ST-1
3/4	CHM-75	STA-2	ST-2
1	CHM-100	STA-3	ST-3
1 1/4	CHM-125	STA-4	ST-4
1 1/2	CHM-150	STA-5	ST-5
2	CHM-200	STA-6	ST-6
2 1/2	CHM-250	STA-7	ST-7
3	CHM-300	STA-8	ST-8
3 1/2	CHM-350	STA-9	ST-9
4	CHM-400	STA-10	ST-10

\*Aluminum is copper free.

## Reducing Washers – 3/4 Thru 2"

Size	O.Z./Gedney	Steel City	T&B
3/4-1/2	RW-2S	WA-121	3701
1-1/2	RW-3S	WA-131	3703
1-3/4	RW-4S	WA-132	3704
1 1/4-1/2	RW-5S	WA-141	3706
1 1/4-3/4	RW-6S	WA-142	3707
1 1/4-1	RW-7S	WA-143	3708
1 1/2-1/2	RW-8S	WA-151	3710
1 1/2-3/4	RW-9S	WA-152	3711
1 1/2-1	RW-10S	WA-153	3712
1 1/2-1 1/4	RW-11S	WA-154	3713
2-1/2	RW-12S	WA-161	3714
2-3/4	RW-13S	WA-162	3715
2-1	RW-14S	WA-163	3716
2-1 1/4	RW-15S	WA-164	3717
2-1 1/2	RW-16S	WA-165	3718



Reducing  
Washer

# Fittings



Reducing Bushing

## Reducing Bushings – 1/2 Thru 2"

Size	Crouse/Hinds	O.Z./Gedney	Steel City	T&B
1/2-3/8	RE1308	RB-320S	.....	600
3/4-1/2	RE21	RB-321S	RB-121	601
1-1/2	RE31	RB-323S	RB-131	602
1-3/4	RE32	RB-322S	RB-132	603
1 1/4-1 1/2	RE41	RB-324S	RB-141	604
1 1/4-3/4	RE42	RB-325S	RB-142	605
1 1/4-1	RE43	RB-326S	RB-143	606
1 1/2-1 1/2	RE51	RB-330S	RB-151	607
1 1/2-3/4	RE52	RB-329S	RB-152	608
1 1/2-1	RE53	RB-328S	RB-153	609
1 1/2-1 1/4	RE54	RB-327S	RB-154	610
2-1/2	RE61	RB-335	.....	611
2-3/4	RE62	RB-334	.....	612
2-1	RE63	RB-333	RB-163	613
2-1 1/4	RE64	RB-332	RB-164	614
2-1 1/2	RE65	RB-331	RB-165	615



Clamp Type Cap

## Entrance Heads – Clamp Type For Rigid Or EMT

Size	Crouse-Hinds	O.Z./Gedney	Steel City
1/2	.....	CT-50G	SH-101
3/4	F235	CT-75G	SH-102
1	F335	.....	SH-103
1 1/4	F435	.....	SH-104
1 1/2	F535	.....	SH-105
2	F636	.....	SH-106
2 1/2	.....	.....	SH-105
3	.....	.....	SH-108
3 1/2	.....	.....	SH-109
4	.....	.....	SH-110

## Knockout "Snap-In" Seals

Size	O.Z./Gedney	Steel City
1/2	KO-50S	BL-111
3/4	KO-75S	BL-112
1	KO-100S	BL-113
1 1/4	KO-125S	BL-114
1 1/2	KO-150S	BL-115
2	KO-200S	BL-116

NOTE: Other sizes available.

## Conduit Hubs – With Insulated Throat - Malleable Iron

Trade Size	Crouse-Hinds Midwest <sup>1,2</sup>	Myers	O-Z/Gedney
1/2	HUB-1	STG-1	CH-50T
3/4	HUB-2	STG-2	CH-75T
1	HUB-3	STG-3	CH-100T
1 1/4	HUB-4	STG-4	CH-125T
1 1/2	HUB-5	STG-5	CH-150T
2	HUB-6	STG-6	CH-200T
2 1/2	HUB-7	STG-7	CH-250T
3	HUB-8	STG-8	CH-300T
3 1/2	HUB-9	STG-9	CH-350T
4	HUB-10	STG-10	CH-400T
	...	STG-11	CH-500T
6	...	STG-12	CH-600T

<sup>1</sup>No Bonding Screw provided <sup>2</sup>Cast Gray Iron or Steel

## Male Enlargers

Size In.	O.Z./Gedney	T & B
1/2 - 3/4	ME-323	1245
3/4 - 1	ME-324	1246
1 - 1 1/4	ME-325	1244
1 1/4 - 1 1/2	-	1247



Male Enlarger

## Entrance Heads – Threaded For Rigid

Size	Crouse-Hinds	O.Z./Gedney
1/2	F186	17-50G
3/4	F285	17-75G
1	F385	17-100G
1 1/4	F485	17-125G
1 1/2	F585	17-150G
2	F686	17-200G
2 1/2	F766	17-250G
3	F866	17-300G
3 1/2	F966	17-350G
4	F1066	17-400G



Threaded Caps



Female Reducer

## Female Reducers

Size	O.Z./Gedney	T & B
3/4 - 1/2	321R	1250
1 - 1/2	323R	1261
1 - 3/4	322R	1251
1 1/4 - 1/2	324R	1262
1 1/4 - 3/4	325R	1263
1 1/4 - 1	326R	1252

# Fittings

## Conduit Straps & Hangers



One Hole Steel Pipe Strap

### One Hole Stamped Steel Straps

Size Rigid EMT	O.Z./Gedney	Steel City	T&B	STH
1/4	.....	.....	.....	.....
3/8	.....	HS-100	1210	.....
1/2	14-50S	HS-101	1211	IR50
3/4	14-75S	HS-102	1212	IR75
1	14-100S	HS-103	1213	IR100
1 1/4	14-125S	HS-104	1214	IR125
1 1/2	14-150S	HS-105	1215	IR150
2	14-200S	HS-106	1216	IR200
2 1/2	14-250S	HS-107	1217	IR250
3	14-300S	HS-108	1218	IR300
3 1/2	14-350S	HS-109	1219	IR350
4	14-400S	HS-110	1220	IR400



Rigid Conduit Strap

### Two Hole Stamped Steel Straps

Size	Steel City	STH
1/4	.....	.....
3/8	.....	.....
1/2	HS-901	2R-50
3/4	HS-902	2R-75
1	HS-903	2R-100
1 1/4	HS-904	2R-125
1 1/2	HS-905	2R-105
2	HS-906	2R-200
2 1/2	HS-907	2R-250
3	HS-908	2R-300
3 1/2	HS-909	2R-350
4	HS-910	2R-400



One Hole Malleable Iron Pipe Strap

### One Hole Malleable Iron Straps

Size	O.Z./Gedney	Steel City	T&B
3/8	14-38G	HS-400	1275
1/2	14-50G	HS-401	1276
3/4	14-75G	HS-402	1277
1	14-100G	HS-403	1278
1 1/4	14-125G	HS-404	1279
1 1/2	14-150G	HS-405	1280
2	14-200G	HS-406	1281
2 1/2	14-250G	HS-407	1282
3	14-300G	HS-408	1283
3 1/2	14-350G	HS-409	1284
4	14-400G	HS-410	1285
5	14-500G	HS-411	1287
6	14-600G	.....	1288



Clamp Back

### Clamp Backs (Spacers) - Malleable

Size	O.Z./Gedney
1/2	141G
3/4	142G
1	143G
1 1/4	144G
1 1/2	145G
2	146G
2 1/2	147G
3	148G
3 1/2	149G
4	150G
5	151G
6	152G



Conduit Hanger

## Conduit Hangers With Bolt

Size Rigid EMT	O.Z./Gedney	Steel City	T&B	STH
1/2 1/2	H-0WBS	6H0-B	790	H050B
3/4 3/4	H-1WBS	6H1-B	791	H075B
1 1	H-2WBS	6H2-B	792	H100B
1 1/4 1 1/4	H-2 1/2 WBS	6H2 1/2-B	793	H125B
1 1/4 1 1/2	H-3WBS	6H3-B	...	H125B
1 1/2 1 1/2	H-4WBS	6H4-B	794	H150B
2 2	H-5WBS	6H5-B	795	H200B
2 1/2 2 1/2	H-6WBS	6H6-B	796	H250B
3 3	H-7WBS	6H7-B	797	H300B
3 1/2 3 1/2	H-8WBS	6H8-B	798	H350B
4 4	H-9WBS	6H9-B	799	H400

## Conduit Clamps, Ground Clamps, Beam Clamps



Type UBC Right Angle Type



Type UPC Parallel Type



Type UEC Edge Type



Beam Clamp



Ground Clamp for Rigid Conduit

### Conduit Clamps

For Rigid Conduit, IMC or EMT Malleable Iron, Bolts and Nuts are Steel

Type UBC Trade Size	Crouse Hinds	Steel City	O-Z/Gedney
1/2	RAC50	RC-1/2	UBC-50
3/4	RAC75	RC-3/4	UBC-75
1	RAC100	RC-1	UBC-100
1 1/4	RAC125	RC-1 1/4	UBC-125
1 1/2	RAC150	RC-1 1/2	UBC-150
2	RAC200	RC-2	UBC-200
2 1/2	RAC250	RC-2 1/2	UBC-250
3	RAC300	RC-3	UBC-300
3 1/2	RAC350	RC-3 1/2	UBC-350
4	RAC400	RC-4	UBC-400
5	...	...	UBC-500
6	...	...	UBC-600
Type UPC <sup>1</sup>			
1/2	PARC50HD	PC-1/2	UPC-50G
3/4	PARC75HD	PC-3/4	UPC-75G
1	PARC100HD	PC-1	UPC-100G
1 1/4	PARC125HD	PC-1 1/4	UPC-125G
1 1/2	PARC150HD	PC-1 1/2	UPC-150G
2	PARC200HD	PC-2	UPC-200G
2 1/2	PARC250HD	PC-2 1/2	UPC-250G
3	PARC300HD	PC-3	UPC-300G
3 1/2	PARC350HD	PC-3 1/2	UPC-350G
4	PARC400HD	PC-4	UPC-400G
Type UEC <sup>1</sup>			
1/2	ETC50HD	EC-1/2	UEC-50G
3/4	ETC75HD	EC-3/4	UEC-75G
1	ETC100HD	EC-1	UEC-100G
1 1/4	ETC125HD	EC-1 1/4	UEC-125G
1 1/2	ETC150HD	EC-1 1/2	UEC-150G
2	ETC200HD	EC-2	UEC-200G
2 1/2	ETC250HD	EC-2 1/2	UEC-250G
3	ETC300HD	EC-3	UEC-300G

### Beam Clamps & Insulators Support

Jaw Opening (inches)	Steel City	CRH	O-Z/Gedney
5/8	510	529	IS-400
3/4	...	...	IS-500E
7/8	500	531	IS-500
1 1/8	509	530	IS-509
1 1/4	501	532	IS-501
1 5/16	502	533	IS-502
1 3/8	503	534	IS-503

### Ground Clamps for Rigid Conduit - Threaded Hub

Size		O.Z./Gedney
Hub Size	Max Pipe	Mail. Iron
1/2	1	G-50G
1/2	2	.....
3/4	1	G-51G
3/4	2	.....
1	1	G-52G
1	2	.....

# Fittings

## CROUSE-HINDS

### Unions

Explosionproof Dust-Ignitionproof

#### Application:

UNY and UNF unions are installed in threaded thickwall conduit systems:

- UNY – to connect conduit to a conduit fitting, junction box or device enclosure
- UNF – to connect conduit to conduit, or to provide a means for future modification of the conduit system

#### Features:

UNY and UNF unions have:

- compact design which permits assembly with a minimum of clearance to other adjacent conduit and/or equipment
- strong and durable construction

#### Standard Materials:

- UNY, UNF unions – 1/2" to 1" – steel
- UNY, UNF unions – 1 1/4" to 6" – Feraloy® iron alloy

#### Standard Finishes:

- Steel – electrogalvanized with chromate treatment
- Feraloy iron alloy, malleable iron – electrogalvanized and aluminum acrylic paint

#### Certifications and Compliances:

- NEC/CEC:
  - Class I, Division 1 & 2, Groups A,B,C,D†
  - Class II, Div. 1, Groups E,F,G
  - Class II, Division 2, Groups F,G
  - Class III
- UNF/UNY406, -506
- -606, -706, -806
- -905, -1005
- Class I, Division 1 & 2, Groups C,D
- Class II, Division 1, Groups E,F,G
- Class II, Division 2, Groups F,G
- Class III
- UNF, UNY – all sizes
- Class I, Division 1 & 2, Group D
- Class II, Division 1, Groups E,F,G

Class II, Division 2, Groups F, G Class III

- UN Standard: 886
- CSA Standard: C22.2 No. 30

#### UNY

##### Male

Size	Cat. #
1/2	UNY105
1/2 female to 3/4 male	UNY215
3/4	UNY205
1	UNY305
1 1/4	UNY405
1 1/4	UNY406
1 1/2	UNY505
1 1/2	UNY506
2	UNY605
2	UNY606
2 1/2	UNY705
2 1/2	UNY706
3	UNY805
3	UNY806
3 1/2	UNY905
4	UNY1005
5	UNY012
6	UNY014



1/2" - 4"



1/2" - 4"

#### UNF

##### Female

Size	Cat. #
1/2	UNF105
3/4 to 1/2	UNF215
3/4	UNF205
1	UNF305
1 1/4	UNF405
1 1/4	UNF406
1 1/2	UNF505
1 1/2	UNF506
2	UNF605
2	UNF606
2 1/2	UNF705
2 1/2	UNF706
3	UNF805
3	UNF806
3 1/2	UNF905
4	UNF1005
5	UNF012
6	UNF014



5" - 6"



5" - 6"

### UNF/UNY Expansion Unions

Explosionproof Dust-Ignitionproof

#### Application:

UNF/UNY expansion unions are designed to be used in all threaded rigid metal† conduit systems indoors and outdoors, in hazardous locations to:

- connect conduit to conduit
- connect conduit to a junction box or device enclosure
- compensate for conduit cut too short
- allow for expansion and contraction of conduit
- connect stub-ups to threaded conduit
- replace sections of conduit runs

#### Features:

- compact design
- Internal beryllium copper grounding spring to insure positive grounding continuity.
- Knurled surface on body and sleeve allows secure gripping with wrench.
- Steel construction for maximum strength.
- Available in two styles – short length where space is limited, long length when extra expansion is required.

#### Standard Materials:

- Body and sleeve – steel
- Grounding spring – beryllium copper

#### Standard Finishes:

- Steel – electrogalvanized with chromate finish
- Beryllium copper – natural

#### Certifications and Compliances:

- NEC/CEC:
  - Class I, Division 1 & 2, Groups C,D
  - Class II, Division 1, Groups E,F,G
  - Class II, Division 2, Groups F,G
  - Class III

- UL Standard: 886
- CSA Standard: C22.2 No. 30

#### UNY

##### Male - Short

Conduit Size	Cat. #
1/2	UNY17
3/4	UNY27
1	UNY37

#### UNF

##### Female - Short

Conduit Size	Cat. #
1/2	UNF17
3/4	UNF27
1	UNF37



UNYL



UNYL with sleeve extended

#### UNYL

##### Male - Long

Conduit Size	Cat. #
1/2	UNYL17
3/4	UNYL27
1	UNYL37

#### UNFL

##### Female - Long

Conduit Size	Cat. #
1/2	UNFL17
3/4	UNFL27
1	UNFL37



UNFL



UNFL with sleeve extended

# Fittings

## CROUSE-HINDS

### Reducers, Couplings and Plugs

Explosionproof Dust-Ignitionproof

#### Application:

RE and REC reducers are used in threaded heavy wall conduit systems.

RE reduces conduit hubs to a smaller size.

REA adapters enlarge drilled and tapped openings by 1 NPT size.

REC connects two different sizes of conduit together or is used to replace a coupling and reducer in an installation.

PLG plugs are used for closing threaded conduit hubs.

#### Features:

RE reducers have:

- integral bushing which prevents damage to wires
- full, clean cut tapered threads
- REC reducers have:
- integral bushings in both ends which prevents damage to wires
- funnel shaped interior to guide the wires from large to small conduit, making it easy to pull wires

REA adapters have:

- Smooth integral bushing to protect wire insulation
- Knurled body for easy wrenching

PLG plugs:

- have clean tapered threads
- are available in two styles, flush (recessed), or square head type

#### Standard Materials:

- RE reducers – RE1108 through RE54 in steel; all others in *Feraloy*® iron alloy
- REA adapters – steel
- REC reducers – REC21 and REC32 in steel; all others in *Feraloy* iron alloy
- PLG plugs – *Feraloy* iron alloy and/or steel

#### Standard Finishes:

- *Feraloy* iron alloy – electrogalvanized and aluminum acrylic paint
- Steel – electrogalvanized with chromate treatment

#### Certifications and Compliances:

- NEC/CEC:
  - Class I, Division 1 & 2, Groups A,B,C,D
  - Class II, Division 1, Groups E,F,G
  - Class II, Division 2, Groups F,G
  - Class III
- UL Standard: 886
- CSA Standard: C22.2 No. 30

#### Options:

- Copper-free aluminum – add suffix SA to Cat. No.



RE	Size	Cat. #
	1/2-1/8	RE1108
	1/2-1/4	RE1208
	1/2-3/8	RE1308
	3/4-1/2	RE21†
	1 1/2	RE31†
	1 3/4	RE32†
	1 1/4-1/2	RE41†
	1 1/4-3/4	RE42†
	1 1/4-1	RE43†
	1 1/2-1/2	RE51†
	1 1/2-3/4	RE52†
	1 1/2-1	RE53†
	1 1/2-1 1/4	RE54†
	2-1/2	RE61†
	2-3/4	RE62†
	2-1	RE63†
	2-1-1/4	RE64†

2-1-1/2	RE65†
2 1/2-1	RE73†
2 1/2-1 1/4	RE74†
2 1/2-1 1/2	RE75†
2 1/2-2	RE76†
3-1	RE83†
3-1-1/4	RE84†
3-1-1/2	RE85†
3-2	RE86†
3-2-1/2	RE87†
3 1/4-2	RE96†
3 1/2-2 1/2	RE97†
3 1/2-3	RE98†
4-2	RE106†
4-2-1/2	RE107†
4-3	RE108†
4-3-1/2	RE109†
5-4	RE01210
6-5	RE01412



#### REC

Large Hub Size	Small Hub Size	Cat. #
3/4	1/2	REC21†
1	1/2	REC31†
1	3/4	REC32
1 1/4	3/4	REC42
1 1/4	1	REC43
1 1/2	3/4	REC52
1 1/2	1	REC53
1 1/2	1 1/4	REC54
2	3/4	REC602
2	1	REC603
2	1 1/4	REC604
2	1 1/2	REC605
2 1/2	1 1/2	REC75
3	2	REC86
3 1/2	2 1/2	REC97
4	3	REC108
5	4	REC01210



REA Male Hub Size	Female Hub Size	Cat. #
1/2	3/4	REA12†
3/4	1	REA23†
1	1 1/4	REA34†

PLG Recessed Size	Cat. #
1/2	PLG1†
3/4	PLG2†
1	PLG3†
1 1/4	PLG4†
1 1/2	PLG5†
2	PLG6†
2 1/2	PLG7†
3	PLG8†
3 1/2	PLG9†
4	PLG10†



#### Square Head

1/2	PLG15†
3/4	PLG25†
1	PLG35†
1 1/4	PLG45†
1 1/2	PLG55†
2	PLG65†
2 1/2	PLG75
3	PLG85
3 1/2	PLG95
4	PLG105

† Suitable for use in Class I, Groups A and B areas.

‡ Suitable for use in Class I, Group B areas.

# Fittings

## CROUSE-HINDS

### Couplings

Explosionproof Dust-Ignitionproof  
Wet Locations

#### Application:

EC couplings are used:

- in hazardous areas where a flexible member is required in a conduit system to accomplish difficult bends, or to allow for movement or vibration of connected equipment or units

#### Features:

- Rugged design to withstand explosive pressure (Class I)
- Mechanical abuse
- Liquid-tight for wet locations
- For use where lack of space makes use of rigid conduit difficult

- Wire duct liner in sizes 1/2" to 2" insulates against grounds and burn-through from short circuit
- No bonding jumpers required, metallic braid provides continuous electrical path
- ECGJH combination has two threaded male end fittings
- ECLK combination has one female union and one male threaded end fitting

#### Standard Materials:

- End fittings:  
1/2" to 2" – forged brass  
2 1/2" to 4" – cast bronze
- Female unions:  
1/2" to 1" – steel  
1 1/4" to 4" – *Feraloy*® iron alloy

- All sizes have bronze braid covering and flexible brass inner core; packing is woven cotton braid impregnated with asphalt.

#### Standard Finishes:

- Brass and bronze – natural
- Steel – electrogalvanized with chromate treatment
- Feraloy* iron alloy – electrogalvanized with aluminum acrylic paint

#### Options:

**Description**      **Suffic to be Added to Cat. #**  
All stainless steel . . . . . S516  
For severely corrosive locations, a flexible neoprene protective coating will be supplied . . S758  
Special coupling lengths available–Consult Crouse-Hinds

### Certifications and Compliances:

- NEC:  
1/2" to 3/4" – Class I, Division 1 & 2, Groups A,B,C,D  
1/2" to 1" S516 – Class I, Division 1 & 2, Groups A,B,C,D
- Female unions:  
1" to 2" – Class I, Division 1 & 2, Groups C,D  
1 1/4" S516 – Class I, Division 1 & 2, Groups B,C,D  
2 1/2" to 4" – Class I, Division 1 & 2, Group D  
1 1/2" to 4" S516 – Class I, Division 1 & 2, Groups C,D  
All sizes also for use in Class II, Division 1, Groups E,F,G, Division 2, Groups F,G and Class III
- UL Standard: 886



#### ECGJH

Flexible Length	Size	Cat. #
4	1/2	ECGJH14
4	3/4	ECGJH24
6	1/2	ECGJH16
6	3/4	ECGJH26
6	1	ECGJH36
8	1/2	ECGJH18
8	3/4	ECGJH28
8	1	ECGJH38
10	1/2	ECGJH110
10	3/4	ECGJH210
10	1	ECGJH310
12	1/2	ECGJH112
12	3/4	ECGJH212
12	1	ECGJH312
12	1 1/4	ECGJH412
12	1 1/2	ECGJH512
12	2	ECGJH612
12	2 1/2	ECGJH712
12	3	ECGJH812
12	4	ECGJH1012
15	1/2	ECGJH115
15	3/4	ECGJH215
15	1	ECGJH315
15	1 1/4	ECGJH415
15	1 1/2	ECGJH515
15	2	ECGJH615
15	2 1/2	ECGJH715
15	3	ECGJH815
15	4	ECGJH1015
18	1/2	ECGJH118
18	3/4	ECGJH218
18	1	ECGJH318
18	1 1/4	ECGJH418
18	1 1/2	ECGJH518
18	2	ECGJH618
18	2 1/2	ECGJH718
18	3	ECGJH818
18	4	ECGJH1018
21	1/2	ECGJH121
21	3/4	ECGJH221
21	1	ECGJH321
21	1 1/4	ECGJH421
21	1 1/2	ECGJH521
21	2	ECGJH621
21	2 1/2	ECGJH721
21	3	ECGJH821

Flexible Length	Size	Cat. #
21	4	ECGJH1021
24	1/2	ECGJH124
24	3/4	ECGJH224
24	1	ECGJH324
24	1 1/4	ECGJH424
24	1 1/2	ECGJH524
24	2	ECGJH624
24	2 1/2	ECGJH724
24	3	ECGJH824
24	4	ECGJH1024
27	1/2	ECGJH127
27	3/4	ECGJH227
27	1	ECGJH327
27	1 1/4	ECGJH427
27	1 1/2	ECGJH527
27	2	ECGJH627
27	2 1/2	ECGJH727
27	3	ECGJH827
27	4	ECGJH1027
30	1/2	ECGJH130
30	3/4	ECGJH230
30	1	ECGJH330
30	1 1/4	ECGJH430
30	1 1/2	ECGJH530
30	2	ECGJH630
30	2 1/2	ECGJH730
30	3	ECGJH830
30	4	ECGJH1030
33	1/2	ECGJH133
33	3/4	ECGJH233
33	1	ECGJH333
33	1 1/4	ECGJH433
33	1 1/2	ECGJH533
33	2	ECGJH633
33	2 1/2	ECGJH733
33	3	ECGJH833
33	4	ECGJH1033
36	1/2	ECGJH136
36	3/4	ECGJH236
36	1	ECGJH336
36	1 1/4	ECGJH436
36	1 1/2	ECGJH536
36	2	ECGJH636
36	2 1/2	ECGJH736
36	3	ECGJH836
36	4	ECGJH1036

#### ECLK

Flexible Length	Size	Cat. #
4"	1/2	ECLK14
4"	3/4	ECLK24
6"	1/2	ECLK16
6"	3/4	ECLK26
6"	1	ECLK36
8"	1/2	ECLK18
8"	3/4	ECLK28
8"	1	ECLK38
10"	1/2	ECLK110
10"	3/4	ECLK210
10"	1	ECLK310
12"	1/2	ECLK112
12"	3/4	ECLK212
12"	1	ECLK312
12"	1 1/4	ECLK412
12"	1 1/2	ECLK512
12"	2	ECLK612
12"	2 1/2	ECLK712
12"	3	ECLK812
12"	4	ECLK1012
15"	1/2	ECLK115
15"	3/4	ECLK215
15"	1	ECLK315
15"	1 1/4	ECLK415
15"	1 1/2	ECLK515
15"	2	ECLK615
15"	2 1/2	ECLK715
15"	3	ECLK815
15"	4	ECLK1015
18"	1/2	ECLK118
18"	3/4	ECLK218
18"	1	ECLK318
18"	1 1/4	ECLK418
18"	1 1/2	ECLK518
18"	2	ECLK618
18"	2 1/2	ECLK718
18"	3	ECLK818
18"	4	ECLK1018
21"	1/2	ECLK121
21"	3/4	ECLK221
21"	1	ECLK321
21"	1 1/4	ECLK421
21"	1 1/2	ECLK521
21"	2	ECLK621
21"	2 1/2	ECLK721
21"	3	ECLK821
21"	4	ECLK1021

Flexible Length	Size	Cat. #
24"	1/2	ECLK124
24"	3/4	ECLK224
24"	1	ECLK324
24"	1 1/4	ECLK424
24"	1 1/2	ECLK524
24"	2	ECLK624
24"	2 1/2	ECLK724
24"	3	ECLK824
24"	4	ECLK1024
27"	1/2	ECLK127
27"	3/4	ECLK227
27"	1	ECLK327
27"	1 1/4	ECLK427
27"	1 1/2	ECLK527
27"	2	ECLK627
27"	2 1/2	ECLK727
27"	3	ECLK827
27"	4	ECLK1027
30"	1/2	ECLK130
30"	3/4	ECLK230
30"	1	ECLK330
30"	1 1/4	ECLK430
30"	1 1/2	ECLK530
30"	2	ECLK630
30"	2 1/2	ECLK730
30"	3	ECLK830
30"	4	ECLK1030
33"	1/2	ECLK133
33"	3/4	ECLK233
33"	1	ECLK333
33"	1 1/4	ECLK433
33"	1 1/2	ECLK533
33"	2	ECLK633
33"	2 1/2	ECLK733
33"	3	ECLK833
33"	4	ECLK1033
36"	1/2	ECLK136
36"	3/4	ECLK236
36"	1	ECLK336
36"	1 1/4	ECLK436
36"	1 1/2	ECLK536
36"	2	ECLK636
36"	2 1/2	ECLK736
36"	3	ECLK836
36"	4	ECLK1036

# Fittings

## CROUSE-HINDS

### XJG Conduit Expansion Joints With Internal Grounding

#### Application:

- XJG expansion couplings are used with rigid metal conduit and IMC:
- without the need for an external bonding jumper and clamps
  - to couple together two (2) sections of conduit subject to longitudinal movement
  - in long conduit runs to permit linear movement caused by thermal expansion and contraction.
  - on long conduit runs to prevent conduit from buckling and ensuing circuit failures
  - indoors or outdoors where conduit expansion occurs and there are wide temperature ranges
  - in conduit runs that cross structural joints
  - in conduit runs to prevent damage to conduit supports such as in a building or on a bridge

#### Standard Materials and

#### Finishes:

##### Body

- Steel-electrogalvanized
- Copper-free aluminum - natural

##### Reducer

- 1/2" through 1" - Steel - electrogalvanized
- 1/4" through 4" - Feraloy® iron alloy - electrogalvanized and aluminum paint

- Copper-free aluminum - natural
- Gland Nut**
- 1/2" through 1" - Steel - electrogalvanized
  - 1 1/4" through 4" - Feraloy® iron alloy - electrogalvanized and aluminum paint
  - Copper-free aluminum - natural
- Packing**
- Teflon® (trademark of E.I. DuPont Co.)
- Washer**
- Steel - electrogalvanized
  - Copper-free aluminum - natural
- Gasket**
- Vellum
- Bushing**
- 1/2" through 1" - Steel - electrogalvanized
  - 1 1/4" through 4" - Feraloy® iron alloy - electrogalvanized and aluminum paint
  - Copper-free aluminum - natural
- Ground Springs**
- Phosphor bronze - electrogalvanized

#### Options:

Available in copper-free aluminum – add suffix SA to Cat. No.

#### Size Ranges:

- 1/2" through 4" conduit size
- 4" and 8" maximum conduit movement



Conduit Size	Maximum Conduit Movement	Cat. #	Catalog Number (Ferrous)	A Diameter	B Length
1/2	4	XJG14	XJG14	1.75	6.75
	8	XJG18	XJG18	1.75	10.75
3/4	4	XJ24	XJG24	2.12	6.75
	8	XJG28	XJG28	2.12	10.75
1	4	XJG34	XJG34	2.43	7.25
	8	XJG38	XJG38	2.43	11.25
1 1/4	4	XJG44	XJG44	3.19	7.56
	8	XJ48	XJG48	3.19	11.56
1 1/2	4	XJG54	XJG54	3.68	7.87
	8	XJG58	XJG58	3.68	11.87
2	4	XJG64	XJG64	4.75	8.75
	8	XJG68	XJG68	4.75	12.25
2 1/2	4	XJG74	XJG74	4.87	9.31
	8	XJG78	XJG78	4.87	13.31
3	4	XJG84	XJG84	5.37	10.00
	8	XJG88	XJG88	5.37	14.00
3 1/2	4	XJG94	XJG94	6.62	9.81
	8	XJG98	XJG98	6.62	13.81
4	4	XJG104	XJG104	6.62	9.81
	8	XJG108	XJG108	6.62	13.81

### Condulet® Sealing Fittings

Explosionproof Dust-Ignitionproof

#### Application:

EYS and EZS sealing fittings:

- restrict the passage of gases, vapors or flames from one portion of the electrical installation to another at atmospheric pressure and normal ambient temperatures
  - limit explosions to the sealed-off enclosure
  - limit precompression or "pressure piling" in conduit systems
- Sealing fittings are required:
- at each entrance to an enclosure housing an arcing or sparking device when used in Class I, Division 1 and 2 hazardous locations. To be located as close as practicable and, in no case, more than 18" from such enclosures
  - at each entrance of 2" size or larger to an enclosure of fitting housing terminals, splices or taps when used in Class I, Division 1 hazardous locations. To be located as close as practicable and, in no case, more than 18" from such enclosures
  - in conduit systems when leaving Class I, Division 1 or Division 2 hazardous locations
  - in cable systems when the cables either do not have a gas/vaportight continuous sheath or are capable of transmitting gases or vapors through the cables leave the Class I, Division 1 or Division 2 hazardous locations

#### Features:

EYS and EZS sealing fittings include:

- minimum turning radius
  - large openings with threaded closures to provide easy access to conduit hubs for making dams
  - integral bushings in conduit hubs to protect conductor insulation from damage
  - taper-tapped hubs to insure ground continuity
  - removable male nipple supplied
- EYS sealing fittings are available for installation in either vertical only or in both horizontal or vertical positions. EZS sealing fittings for installation at any angle; the covers with opening for sealing compound can be properly positioned to accept the compound.

#### Standard Materials:

- Bodies – Feraloy® iron alloy and/or malleable iron
- Closures – Feraloy iron alloy and/or steel
- Removable nipples – steel

#### Standard Finishes:

- Feraloy iron alloy and malleable iron – electrogalvanized and aluminum acrylic paint
- Steel – electrogalvanized

#### Options:

- Copper-free aluminum bodies, nipples and enclosures

#### Size Ranges:

- 1/2" - 6"

Vertical female



Vertical male & female



Vertical or horizontal female



Vertical or horizontal male & female



### EYS

#### For Sealing in Vertical Positions Only

Hub Size	Female Hub Cat. #	Male & Female Hub Cat. #	Approximate Internal Volume in Cubic Inches
1/2	EYS1	EYS16	1
3/4	EYS2	EYS26	2
1	EYS3	EYS36	3 3/4

# Fittings

## CROUSE-HINDS

### For Sealing in Vertical or Horizontal Positions

Hub Size	Female Hub Cat. #	Male & Female Hub Cat. #	Approximate Internal Volume in Cubic Inches	
			Vertical	Horizontal
1/2	EYS11	EYS116	1	1
3/4	EYS21	EYS216	2	2
1	EYS31	EYS316	3	3 3/4
1 1/4	EYS41	EYS416	6	8
1 1/2	EYS51	EYS516	10 3/4	12 1/4
2	EYS61	EYS616	19	22 3/4
2 1/2	EYS71	EYS716	25 1/2	30
3	EYS81	EYS816	56	64 1/2
3 1/2	EYS91	EYS916	72	82
4	EYS101	EYS1016	95	110

NOTE: Sealing fittings are approved for use in hazardous locations only when *Chico*® X fiber and *Chico A* sealing compound are used to make the seal.

Vertical or horizontal male & female



Male & Female hub



EZS

### For Sealing at Any Angle

Hub Size	Female Hub Cat. #	Male & Female Hub Cat. #	Approximate Internal Volume in Cubic Inches	
			Vertical	Horizontal
1/2	EZS1	EZS16	6 1/4	6 1/4
3/4	EZS2	EZS26	6 1/2	6 1/2
1	EZS3	EZS36	10 1/4	10 1/4
1 1/4	EZS4	EZS46	12 1/2	12 1/2
1 1/2	EZS5	EZS56	14 1/2	14 1/2
2	EZS6	EZS66	46	46
2 1/2	EZS7	EZS76	55	55
3	EZS8	EZS86	90	90

EYS

### For Sealing in Vertical or Horizontal Positions

Hub Size	Female Hub Cat. #	Male & Female Hub Cat. #	Approximate Internal Volume in Cubic Inches	
			Vertical	Horizontal
1 1/4	EYS4	EYS46	6	8
1 1/2	EYS5	EYS56	10 3/4	12 1/4
2	EYS6	EYS66	19	22 3/4
2 1/2	EYS7	EYS76	25 1/2	30
3	EYS8	EYS86	56	64 1/2
3 1/2	EYS9	EYS96	72	82
4	EYS10	EYS106	95	110
5	EYS102	EYS0126	200	222
6	EYS014	EYS0146	290	315

Elbow seal



EYS

### Elbow Seal - For Sealing in Vertical Positions

Hub Size	Cat. #	Approximate Internal Volume in Cubic Inches
3/4	EYS29	1 3/4

## Condulet® Sealing Fittings With Drains

Explosionproof Dust-Ignitionproof

### Application:

EYD drain and EZD drain and inspection sealing fittings:

- restrict the passage of gases, vapors or flames from one portion of the electrical installation to another at atmospheric pressure and normal ambient temperatures
- limit explosions to the sealed-off enclosure
- prevent precompression or "pressure piling" in conduit systems

Drain sealing fittings are installed in vertical conduit runs and at low points in conduit systems to prevent accumulation of condensate above seal.

### Features:

EYD drain and EZD drain sealing fittings include:

- drain to provide continuous, automatic drainage of condensate
- large openings with threaded closures to provide easy access to conduit hubs for making dams
- integral bushings to protect conductor insulation from damage
- taper-tapped hubs to insure ground continuity
- removable male nipple supplied

EZS drain and inspection sealing fittings also include:

- removable covers for periodic inspection of seals
- barrier for sealing compound easily installed after dams are made and before compound is poured.

### Standard Materials:

- Bodies, and inspection or drain covers - *Feraloy*® iron alloy, and malleable iron
- Closure for drain - copper-free aluminum or malleable iron
- Small closure plug - *Feraloy* iron alloy and/or steel
- Drain - stainless steel or brass†
- Removable nipples - steel

### Standard Finishes:

- Feraloy* iron alloy and malleable iron - electrogalvanized and aluminum acrylic paint
- copper-free aluminum - natural
- Stainless steel - natural
- Steel - electrogalvanized

### Options:

- copper-free aluminum bodies, nipples and closures

### Size Ranges:

- EYD - 1/2" - 4"
- EZD - 1/2" - 2"

# Fittings

## CROUSE-HINDS

- EYD1-10, 16-106  
EYD10-60, 111-611  
Class I, Division 1 & 2, Groups C, D  
Class II, Division 1, Groups E, F, G  
Class II, Division 2, Groups F, G  
Class III
- UL Standard: 886
- CSA Standard: C22.2 No. 30

**NOTE:** Sealing Fittings are approved for use in hazardous locations only when *Chico*® X fiber and *Chico A* sealing compound are used to make the seal.

### EYD Drain Seal

Hub Size	Female Hub Cat. #	Male & Female Hub Cat. #	Female Hub Cat. #	Male & Female Hub Cat. #	Approximate Internal Volume in Cubic Inches
1/2	EYD1	EYD16	EYD11	EYD116	1
3/4	EYD2	EYD26	EYD21	EYD216	2
1	EYD3	EYD36	EYD31	EYD316	3 3/4
1 1/4	EYD4	EYD46	EYD41	EYD416	8
1 1/2	EYD5	EYD56	EYD51	EYD516	10 3/4
2	EYD6	EYD66	EYD61	EYD61	20
2 1/2	EYD7	EYD76	EYD71	EYD 716	35
3	EYD8	EYD86	EYD81	EYD816	57
3 1/2	EYD9	EYD96	EYD91	EYD916	75
4	EYD10	EYD106	EYD101	EYD1016	105

1/2"-1"  
Female hub



1/2"-1"  
Male & female hub



1 1/4"-4"  
Female hub



1 1/4"-4"  
Male & female hub



### ES Sealing Hubs

#### Application:

ES sealing hubs are used to:  
• seal vertical conduit risers at switchgear and motor control centers, sheet metal structures or cast boxes and enclosures

#### Standard Materials:

- *Feraloy*® iron alloy

#### Standard Finishes:

- Electrogalvanized and aluminum acrylic paint

#### Options:

ES sealing hubs, when used with SG armored gaskets and locknuts, provide a water and oiltight connection

- Sealing gaskets and locknuts – add suffix SG to Cat. No.

#### Certifications and Compliances:

- Class I, Division 1 & 2, Groups C & D
- UL Standard: 886
- CSA Standard: C22.2 No. 30



### EYSR Retrofit Sealing Fitting

#### Application:

EYSR retrofit sealing fittings are installed:

- in rigid metal conduit systems in Class I, Division 2 hazardous locations
- to replace installed Crouse-Hinds type EYS or EYD sealing fittings
- without disassembly of the conduit system
- in vertical or horizontal positions, indoors or outdoors
- to restrict the passage of gases, vapors, or flames from one portion of the electrical system to another at atmospheric pressures and normal ambient temperatures
- to limit explosions to the sealed-off enclosure
- to limit precompression or "pressure piling" in the conduit system

- to prevent accumulation of water in the conduit system when installed with an ECD15 drain

#### Features:

- Seal may be installed in the existing conduit run without disassembly of the conduit system saving time and labor
- Overall length and spacing requirements do not exceed those of standard EYS seals; permits close nesting of seals
- Pipe plugs permit the installation of a standard ECD 15 drain fitting (order separately) for use in vertical conduit runs to drain any water that might accumulate in the conduit system
- Steel set screws provide grounding continuity

- Suitable for vertical and horizontal installations for indoor and outdoor applications
- Available in 3/4" to 4" NPT sizes.

#### Standard Materials:

- Body – *Feraloy*® iron alloy
- Pipe plugs, bolts and set screws – steel
- Gasket – neoprene

#### Standard Finishes:

- *Feraloy* iron alloy – electrogalvanized and aluminum acrylic paint
- Steel – electrogalvanized
- Gasket – natural

#### Options:

- Copper-free aluminum – add suffix - SA to Cat. No.

#### Size Ranges:

- 3/4" - 4"

Female Hub Size	Male Hub Size	Cat. #	Approximate Internal Volume in Cubic Inches
1/2	1	ES31	.65
3/4	1	ES32	.65
1	1 1/2	ES53	3.2
1 1/4	2	ES64	4.9
1 1/2	2	ES65	4.7
2	2 1/2	ES76	9.1
3	4	ES108	36.0
4	5	ES01210	95.0
5	6	ES014012	155.0

**NOTE:** Sealing Fittings are approved for use in hazardous locations only when *Chico*® X fiber and *Chico A* sealing compound are used to make the seal.

Hub Size	Cat. No.	Approximate Internal Volume in Cubic Inches*		Approximate Amount (oz.) of Fiber per Hub	
		Vert.	Horiz.	Vert.	Horiz.
3/4	EYSR2	3 1/2	5 3/4	1/16	1/8
1	EYSR3	4 3/4	9 1/2	1/8	1/4
1 1/4	EYSR4	7	13 1/2	1/4	1/2
1 1/2	EYSR5	12 1/4	24 1/4	1/2	1
2	EYSR6	25 3/4	40 1/2	1	2
2 1/2	EYSR7	48	75 1/2	1 1/2	3
3	EYSR8	86 1/2	126	2	4
3 1/2	EYSR9	147	210	4 1/2	9
4	EYSR10	186	252	4 1/2	9

\* Use the approximate internal volume in cubic inches to determine how much *Chico A* sealing compound is required.



# Fittings

## CROUSE-HINDS

### Drains and Breathers Explosionproof Dust-Ignitionproof

#### Application:

- ECD drains and breathers are installed in enclosures or conduit systems to:
  - provide ventilation to minimize condensation
  - drain accumulated condensate
- At least one breather should be used with each drain
- A breather is installed in top of enclosure or upper section of conduit system
- A "standard" drain is installed in bottom of enclosure or in lower section of conduit system
- "Universal" breather or drain functions as a breather when mounted at the top of an enclosure, or as a drain when mounted in the bottom of an enclosure
- "Combination" breather and drain is used in those applications where the use of a top mounted breather is not practical due to limited space; or in offshore and marine installations where moisture may enter the enclosure through the breather located on top of enclosure
- Drains and breathers are installed in hubs or drilled and tapped openings

#### Features:

- "Universal" ECD drains and breathers have:
  - patented labyrinth design, suitable for use in Class I, Division 1 & 2, Groups C,D and Class II, Division 1 & 2, Groups F,G areas
  - capability to pass 50 cc of water per minute and 0.2 cubic feet of air per minute at atmospheric pressure
- ECD15 and ECD385 each have a well inside the inner, threaded end to provide for accumulation of sediment without clogging when used as a drain.
- "Standard" ECD drains and breathers have:
  - thread-in-thread design, suitable for use in Class I, Division 1 & 2, Groups C,D; Class II, Division 1, Groups E,F,G; Class II, Division 2, Groups F,G and Class III areas
- ECD 11, 13 have capability to pass 25 cc of water per minute and .05 cubic feet of air per minute at atmospheric pressure
- ECD 16, 17, 387 are thread-in-thread design for use in Class I, Division 1 & 2, Groups B,C,D; Class II, Division 2, Groups F,G; and Class III areas. They have the capability to pass .01 cubic feet of air per minute and .5 cc of water per minute
- "Combination" ECD breather and drain:
  - provides ventilation to minimize condensation and drains accumulated condensate – two functions performed by a single device installed in

the bottom of an enclosure or conduit system

- Have the capability to pass 25 cc of water per minute and .10 cubic feet of air per minute at atmospheric pressure
- Thread-in-thread and labyrinth design, suitable for use in Class I, Division 1 & 2, Groups C and D; Class II, Division 1 & 2, Groups F and G; and Class III areas

#### Size Ranges:

- 1/4" to 1/2"



#### ECD "Standard" Drain and Breather

Male Thread Size	Drain for Water Only Cat. #	Breather for Air Only Cat. #
1/4	ECD281	
3/8	ECD387	
1/2	ECD11	ECD13
1/2	ECD17	ECD16

#### Standard Materials:

- ECD11, ECD15, ECD281, ECD284, ECD384, ECD385 – stainless steel
- ECD13 – stainless steel with aluminum cap
- ECD16 – brass with brass cap
- ECD17, ECD387 – brass
- ECD18 – Stainless steel with neoprene tube



#### ECD "Universal" Drain and Breather

Male Thread Size	Cat. #
1/4	ECD284
3/8	ECD384
3/8	ECD385
1/2	ECD15

#### ECD "Combination" Drain and Breather

Male Thread Size	Cat. #
1/2	ECD18

Electrolines Est.

### Chico® A and Chico® A-P Sealing Compound and Chico® X Fiber

For Sealing Fittings and Hubs

#### Application:

Chico X fiber:

- forms a dam between the integral bushing of the sealing fitting and the end of the conduit and around the electrical conductors entering the hub
- Chico A sealing compound:
  - forms a seal around each electrical conductor and between them and inside of the sealing fitting to restrict the passage of gases, vapors or flames through the sealing fitting at atmospheric pressure and at normal ambient temperatures

#### Features:

- Chico X fiber is a mineral wool that packs easily, forming around each conductor
- Chico A sealing compound is a water soluble powder, that can be easily mixed and poured. The compound, unusually dense, expands slightly when hardening and bonds to inner walls of sealing fittings. Compound hardens in 60-70 minutes

#### Chico A-P Intrapak®:

Packaged in two-compartment plastic pouch with precise amount of water for mixing. No mixing or measuring implements required.

A hard squeeze of the water compartment forces the water into the compartment containing the Chico compound. Mixing is completed by kneading the pouch for one minute.

The mixed sealing compound is poured directly into the sealing fitting – no funnel required. The package label indicates the size and quantity of sealing fittings each pouch will properly fill. Compound hardens in 60-70 minutes.

#### Size Ranges:

- Chico A compound – 1 lb. to 5 lbs.

(provides 23-115 cubic inches of compound)

- Chico X fiber – 2 oz. to 1 lb.
- Chico A-P (5 pouches per carton) – provides 25 and 55 cubic inches of compound.



#### Chico A Sealing Compound

Net Weight	Vol. Cu. In.	Cat. #
1 lb.	23	Chico A1
1 lb.	23	Chico A3
1 lb.†	23	Chico A4
5 lb.	115	Chico A05



#### Chico A-P Intrapak Sealing Compound and Water in Plastic Mixing Pouch

Cu. In. Fill per Pouch	No. of Pouches per Carton	Carton Cat. #
5	5	Chico A19-PX
11	5	Chico A39-PX

#### Chico X Fiber

Net Weight	Cat. #
2 oz.	Chico X4
8 oz.	Chico X6
1 lb.	Chico X7

#### Chart for Approximate Amount of Fiber Per Hub

Hub Size	Ozs. Required	Hub Size	Ozs. Required
1/2	1/32	2 1/2	1 1/2
3/4	1/16	3	2
1	1/8	3 1/2	3
1 1/4	1/4	4	4 1/2
1 1/2	1/2	5	7
2	1	6	10

# Fittings

## O-Z/GEDNEY

### Hazardous Location Conduit Unions

Trade Size (inches)	Catalog Number	Dimension in Inches Overall Lgth Max. Dia.	
<b>Steel/Malleable Iron</b>			
1/2	UNF-50S	1 3/4	1 1/2
3/4	UNF-75S	1 3/4	1 7/8
1	UNF-100S	2	2 1/16
1 1/4	UNF-125	2 1/4	2 3/4
1 1/2	UNF-150	2 5/8	3 1/16
2	UNF-200	2 7/16	3 3/4
2 1/2	UNF-250	3 3/16	4 1/4
3	UNF-300	3 7/16	5
3 1/2	UNF-150	4 1/8	5 5/8
4	UNF-400	4 1/8	6 3/16
5	UNF-500	4 1/4	8 1/4
6	UNF-600	4 1/4	9 3/8

Trade Size (inches)	Catalog Number	Dimension in Inches Overall Lgth Max. Dia.	
<b>Copper Free Aluminum</b>			
1/2	UNF-50A	1 3/4	1 1/2
3/4	UNF-75A	1 3/4	1 25/32
1	UNF-100A	2	2 1/16
1 1/4	UNF-125A	2 1/4	2 3/4
1 1/2	UNF-150A	2 5/8	3 1/16
2	UNF-200A	2 7/16	3 11/16
2 1/2	UNF-250A	3 3/16	4 1/4
3	UNF-300A	3 7/16	5
3 1/2	UNF-350A	4 1/8	5 7/16
4	UNF-400A	4 1/8	6 3/16
5	UNF-500A	4 5/16	8 1/4
6	UNF-600A	4 5/16	9 3/8

Trade Size (inches)	Catalog Number	Dimension in Inches Overall Lgth Max. Dia.	
<b>Steel/Malleable Iron</b>			
1/2	UNY-50S	2 3/4	1 1/2
3/4	UNY-75S	2 1/4	1 7/8
1	UNY-100S	2 1/2	2 1/16
1 1/4	UNY-125	3 3/16	2 3/4
1 1/2	UNY-150	3 9/16	3 1/16
2	UNY-200	3 3/4	3 3/4
2 1/2	UNY-250	4 5/8	4 1/4
3	UNY-300	5	5
3 1/2	UNY-350	5 1/2	5 5/8
4	UNY-400	5 5/8	6 3/16
5	UNY-500	6 1/8	8 1/4
6	UNY-600	6 1/8	9 3/8

Trade Size (inches)	Catalog Number	Dimension in Inches Overall Lgth Max. Dia.	
<b>Copper Free Aluminum</b>			
1/2	UNY-50A	2 1/4	1 1/2
3/4	UNY-75A	2 1/4	1 7/8
1	UNY-100A	2 1/2	2 1/16
1 1/4	UNY-125A	3 3/16	2 3/4
1 1/2	UNY-150A	3 9/16	3 1/16
2	UNY-200A	3 3/4	3 11/16
2 1/2	UNY-250A	4 5/8	4 1/4
3	UNY-300A	5	5
3 1/2	UNY-350A	5 1/2	5 7/16
4	UNY-400A	5 5/8	6 3/16
5	UNY-500A	6 1/8	8 1/4
6	UNY-600A	6 1/8	9 3/8

#### Type UNF Female/Female

#### Type UNY Male/Female

#### Use:

To join two pieces of conduit or fittings.

#### Features:

- Threaded for Rigid Conduit or IMC
- Tapered threads (NPT)



Type UNF-50S–Type UNF-100S



Type UNF-125–Type UNF-400



Type UNF-500–Type UNF-600



Type UNY-50S–Type UNY-100S



Type UNY-125–Type UNY-400



Type UNY-500–Type UNY-600

#### Material/Finish:

Types UNF/UNY  
Steel/Zinc Plated 1/2" - 1"  
Malleable iron/Zinc Plated 1 1/4" - 6"

Types UNF/UNY-A  
Copper Free Aluminum 1/2" - 6"

#### Applicable Third Party Standards

UL Standard: 886  
CSA Standard: C22.2 No. 30  
National Electrical Code: Article 500-503  
Mil. Spec: Mil-F28675

### Hazardous Location Expansion Conduit Unions

#### Types UNFE & UNYE Standard Length Types UNFEL & UNYEL Long Length

#### Use:

To provide for slight expansion and contraction of conduit runs.

#### Features:

- Tapered threaded hubs (NPT) for rigid conduit and IMC
- Telescoping components allows conduit to be inserted between fixed threaded hubs
- Internal copper alloy grounding spring assures positive grounding
- Close tolerance of mating

parts eliminates passage of flame

- Compact diameter allows use where conduit is closely spaced
- Available in standard and long style, male and female version

#### Material/Finish:

Body/Sleeve - Steel/Zinc Electroplate  
Grounding Spring - Beryllium Copper/Natural Finish

#### Applicable Third Party Standards:

UL Standard: 886  
CSA Standard: C22.2 No. 30  
National Electrical Code: Articles 500-503  
Mil. Spec: Mil-F28675

#### Suggested Specifications:

In a hazardous location, when a threaded conduit member cannot be rotated and expansion must be provided, a hazardous location expansion union shall be required. These fittings shall be steel construction with a beryllium copper grounding spring and U.L. Listed, CSA Certified. Hazardous location expansion unions shall be O-Z/Gedney Type UNFE and UNYE standard length, or UNFEL and UNYEL long style.



Type UNFE Female/Female



Type UNYE Female/Male

Trade Size (inches)	Catalog Number	Dimensions in Inches Sleeve Length		
		A-Min	A-Max	Max Dia-B
<b>Short Length</b>				
1/2	UNFE-50S	2 13/16	3 5/16	1 3/16
3/4	UNFE-75S	2 13/16	3 5/16	1 7/16
1	UNFE-100S	3 3/32	3 23/32	1 11/16
1/2	UNYE-50S	2 3/4	3 1/4	1 3/16
3/4	UNYE-75S	2 3/4	3 1/4	1 7/16
1	UNYE-100S	3	3 5/8	1 11/16
<b>Long Length</b>				
1/2	UNFEL-50S	3 5/16	4 5/16	1 3/16
3/4	UNFEL-75S	3 5/8	4 7/16	1 7/16
1	UNFEL-100S	3 25/32	5 3/32	1 11/16
1/2	UNYEL-50S	3 1/4	4 1/4	1 3/16
3/4	UNYEL-75S	3 5/16	4 3/8	1 7/16
1	UNYEL-100S	3 11/16	5	1 11/16

# Fittings

## O-Z/GEDNEY

### Hazardous Location Sealing Fittings

#### Type EYA

Female/Female

#### Type EYAM

Male/Female

#### Use:

For vertical or horizontal conduit runs.

#### Features:

- Threaded for Rigid Conduit or IMC
- Female/Female and/or Male/Female
- Tapered threads (NPT)

#### Material/Finish:

Malleable Iron/Zinc Plated

#### Optional Finish:

Hot Dip and/or Mechanically

Galvanized.

1/2" - 1 1/2" Mechanical Galvanized

2" - 6" Hot Dip Galvanized

All sizes of plugs are Mechanical

Galvanized

Contact your local representative for pricing and availability.

#### Third Party Certification:

UL Listed: E-34997

CSA Certified: LR9795

Suitable for wet locations.

UL Listed using: O-Z/Gedney

EYC sealing compound or Crouse-Hinds Chico compound in these fitting.

CSA certified using any manufacturer's CSA certified sealing compound.

1/2" - 1" EYA/EYAM

Class 1 Groups A, B, C, D

Class II Groups E, F, G

1 1/4" - 2" EYA/EYAM

Class 1 Group C, D

Class II Groups E, F, G

2 1/2" - 4" EYA/EYAM

Class 1 Groups B, C, D

Class II Groups E, F, G

5" - 6" EYA/EYAM

Class 1 Groups C, D

Class II Groups E, F, G

#### Applicable Third Party

##### Standards:

UL Standard: 886

CSA Standard: C22.2 No. 30

National Electrical Code: Articles 500-503

Mil. Spec: Mil-28675



Type EYA-50-EYA 600 Female/Female      Type EYAM-50-Type 600 Male/Female

Trade Size (inches)	Catalog Number	Dimensions in Inches			Sealing Compound Required	Approx. Amt. Fiber/Hub Required
		A	B	C		
1/2	EYA-50	3 3/4	1 1/8	1 1/4	3/4 OZ	1/32 OZ
3/4	EYA-75	3 3/4	1 1/4	1 3/8	1 1/2 OZ	1/16 OZ
1	EYA-100	4 3/8	1 3/8	1 3/4	2 1/4 OZ	1/8 OZ
1 1/4	EYA-125	5 1/8	1 7/8	2	6 OZ	1/4 OZ
1 1/2	EYA-150	5 1/2	2	2 1/4	9 OZ	1/2 OZ
2	EYA-200	6 1/4	2 3/8	2 3/4	15 OZ	1 OZ
2 1/2	EYA-250	7 1/4	2 3/4	3 1/4	1 lb 3oz	1 1/2 OZ
3	EYA-300	8 1/4	3 1/8	3 3/8	1 lb 8oz	2 OZ
3 1/2	EYA-350	8 7/8	3 1/2	4 3/8	3 lb 0oz	3 OZ
4	EYA-400	9 1/2	3 3/4	5	4 lb 8oz	4 1/2 OZ
5	EYA-500	11 1/8	7 7/16	6 5/16	11 lb 8oz	7 OZ
6	EYA-600	12 1/8	8 7/16	7 3/8	18 lb 8oz	10 OZ
1/2	EYAM-50	3 3/4	1 1/8	1 1/4	3/4 OZ	1/32 OZ
3/4	EYAM-75	3 3/4	1 1/4	1 3/8	1 1/2 OZ	1/16 OZ
1	EYAM-100	4 3/8	1 3/8	1 3/4	2 1/4 OZ	1/8 OZ
1 1/4	EYAM-125	5 1/8	1 7/8	2	6 OZ	1/4 OZ
1 1/2	EYAM-150	5 1/2	2	2 1/4	9 OZ	1/2 OZ
2	EYAM-200	6 1/4	2 3/8	2 3/4	15 OZ	1 OZ
2 1/2	EYAM-250	7 1/4	2 3/4	3 1/4	1 lb 3oz	1 1/2 OZ
3	EYAM-300	8 1/4	3 1/8	3 3/8	1 lb 8oz	2oz
3 1/2	EYAM-350	8 7/8	3 1/2	4 3/8	3 lb 0oz	3oz
4	EYAM-400	9 1/2	3 3/4	5	4 lb 8oz	4 1/2 OZ
5	EYAM-500	11 1/8	7 7/16	6 5/16	11 lb 8oz	7 OZ
6	EYAM-600	12 1/8	8 7/16	7 3/8	18 lb 8oz	10 OZ

### Hazardous Location Drain/Seal Fittings

#### Type EYD

Female/Female

#### Type EYDM

Male/Female

#### Use:

Used in hazardous locations for vertical installations only. Seal and drain conduit.

#### Features:

- Threaded for Rigid Conduit or IMC
- All threaded (NPT)
- Simple to install. Internal drainage path provides a visual means to ensure that the compound chamber is properly filled. No need to use hoses and wires
- Large cover opening for easy packing of fiber dam on 1 1/4" through 4" sizes
- Temporary plastic sleeve protects thread for drain/breather from contamination when pouring compound
- Unique patented design enables installation of stainless steel drain/breather right after compound is poured - no waiting
- Unique patented design enables installation of stainless steel

drain/breather right after compound is poured - no waiting

- Can be used with O-Z/Gedney Type EYC or Crouse-Hinds Chico Sealing Compound

- Provides continuous water drain path while allowing conduit run to breathe, in compliance with the NEC

#### Material/Finish:

Malleable Iron Body Seal Cover and Filler Plug/Zinc Plated  
Stainless Steel Drain/Breather/Zinc Plated

#### Third Party Certification:

UL Listed: E-34997

Class 1 Groups C, D

Class 11 Groups F, G

Suitable for wet locations

CSA Certified: LR9795

CSA Certified using any manufacturers

CSA Certified sealing compound.

#### Applicable Third Party

##### Standards:

UL Standard: 886

CSA Standard: C22.2 No. 30

National Electrical Code: Articles 500-503

Mil. Spec: Mil-F-28675

Trade Size (inches)	Catalog Number	Dimensions in Inches			Sealing Compound Required	Approx. Amt. Fiber/Hub Required
		Overall Length	Body Length	Turning Radius		
1/2	EYD-50	3 1/2	1 1/8	1 5/8	1 1/4 OZ	1/32 OZ
3/4	EYD-75	3 3/4	1 3/4	1 3/4	2 OZ	1/16 OZ
1	EYD-100	4 3/8	1 3/4	2 1/8	4 OZ	1/8 OZ
1 1/4	EYD-125	4 5/8	2	2 1/16*	6 OZ	1/4 OZ
1 1/2	EYD-150	4 3/4	2 1/4	2 3/16*	9 OZ	1/2 OZ
2	EYD-200	5 5/8	2 3/4	2 3/8*	15 OZ	1 OZ
2 1/2	EYD-250	6 1/4	3 3/8	3*	1 1/2 lb	1 1/2 OZ
3	EYD-300*	7 1/8	3 5/16	3 3/16*	2 1/2 lb	2 OZ
3 1/2	EYD-350*	8	4 3/8	3 3/4*	3 1/2 lb	3 OZ
4	EYD-400*	9 1/8	5	4*	5 lb	4 1/2 OZ
1/2	EYDM-50	3 1/2	1 1/8	1 5/8	1 1/4 OZ	1/32 OZ
3/4	EYDM-75	3 3/4	1 3/8	1 3/4	2 OZ	1/16 OZ
1	EYDM-100	4 3/8	1 3/4	2 1/8	4 OZ	1/8 OZ
1 1/4	EYDM-125	4 5/8	2	2 1/16*	6 OZ	1/4 OZ
1 1/2	EYDM-150	4 3/4	2 1/4	2 3/16*	9 OZ	1/2 OZ
2	EYDM-200	5 5/8	2 3/4	2 3/8*	15 OZ	1 OZ
2 1/2	EYDM-250	6 1/4	3 3/8	3*	1 1/2 lb	1 1/2 OZ
3	EYDM-300*	7 1/8	3 5/16	3 3/16*	2 1/2 lb	2 OZ
3 1/2	EYDM-350*	8	4 3/8	3 3/4*	3 1/2 lb	3 OZ
4	EYDM-400*	9 1/8	5	4*	5 lb	4 1/2 OZ

\* Not UL Listed



Type EYD Patented



Type EYD/EYDM 1 1/4"-4"



Type EYDM Patented

# Fittings

## O-Z/GEDNEY

### Hazardous Location Sealing Hub

#### Type EYH

#### Type EYH-SG

(Provided with locknut and gasket.)

#### Use:

Economical method of sealing vertical conduit entering the bottom of a threaded box or enclosure. In ordinary locations, can be used as a male thread enlarger or conduit hub.

#### Features:

- Tapered thread (NPT)
- For Rigid Conduit or IMC
- Can be used with O-Z/Gedney Type EYC sealing compound or Crouse-Hinds Chico

sealing compound

- Type EYHSG is provided with a locknut and sealing gasket for boundary seal applications in a knockout

#### Material/Finish:

Malleable Iron/Zinc Plated  
Stainless Steel  
Drain/Breather/Zinc Plated

#### Third Party

#### Certification:

UL Listed: E-34997

CSA Certified: LR9795  
Class I Groups C, D  
Class II Groups E, F, G  
Suitable for wet locations

#### Applicable Third Party

#### Standards:

UL Standard: 886  
CSA Standard: C22.2 No. 30  
National Electrical Code:  
Articles 500-503  
Mil. Spec: Mil-F-28675

#### Suggested Specification:

A hazardous location sealing hub shall be used where vertical conduit enters the

bottom of a threaded box or enclosure which may produce arcs, sparks, or high temperatures.

These fittings shall be Malleable Iron construction with tapered threaded hubs and shall be UL Listed. Hazardous location sealing hubs shall be O-Z/Gedney Type EYH.



Type EYH

Trade Size Female Hub (inches)	Trade Size Male Hub (inches)	Catalog Number	A	Dimensions in Inches		Sealing Compound Required	Approx. Amt. Fiber/Hub Required
				B	C		
1	1 1/2	EYH-1015	2	2 1/2	3/4	6 oz	1/8oz
1 1/4	2	EYH-1220	2	3	3/4	9 oz	1/4oz
1 1/2	2	EYH-1520	2	3	3/4	10 oz	1/2oz
2	2 1/2	EYH-2025	2 1/8	3 1/2	1 1/8	1 lb	1oz
3	4	EYH-3040	3 1/2	5 1/8	1 3/8	3 lb 8 oz	2 oz
4	5	EYH-4050	4 3/8	6 1/8	1 3/8	7 lb 3 oz	4 1/2oz
1	1 1/2	EYH-1015SG	2	2 1/2	3/4	6 oz	1/8oz
1 1/4	2	EYH-1220SG	2	3	3/4	9 oz	1/4oz
1 1/2	2	EYH-1520SG	2	3	3/4	10 oz	1/2oz
2	2 1/2	EYH-2025SG	2 1/8	3 1/2	1 1/8	1 lb	1 oz
3	4	EYH-3040SG	3 1/2	5 1/8	1 3/8	3 lb 8 oz	2 oz
4	5	EYH-4050SG	4 3/8	6 1/8	1 3/8	7 lb 3oz	4 1/2 oz

### Hazardous Location Drains & Breathers

#### Type DB & Type

#### DBB

#### Use:

May be used as a combination drain or breather. When installed at the top of an enclosure it acts as a breather. When installed in the bottom of an enclosure it acts as a drain for moisture inside the enclosure, (remove cap on Type DBB).

#### Features:

Tapered thread (NPT)

#### Material/Finish:

Stainless Steel

#### Third Party

#### Certification:

UL Listed: E-34997

CSA Certified: 9795

Type DB:

Class I Groups C, D

Class II Groups F, G

#### Type DBB:

Class I Group B, C, D

Class II Groups E, F, G

#### Applicable Third Party

#### Standards:

UL Standard: 886

CSA Standard: C22.2 No. 30

Trade Size (inches)	Catalog Number	Dimension in Inches	
		Length	Max. Dia.
3/4	DB-38*	-	-
1/2	DB-50	1 1/2	1
1/2	DBB-50	3 1/4	1 7/16

\*UL Component recognized



Type DB



Type DBB with removable cap

# Fittings

## O-Z/GEDNEY

### Hazardous Location Flexible Couplings



Type ECLK

Trade Size (inches)	Catalog Number	No. of Hubs	Min. Bending Radius
1/2	ECLK-50-4	4	10
1/2	ECLK-50-6	6	10
1/2	ECLK-50-8	8	10
1/2	ECLK-50-10	10	10
1/2	ECLK-50-12	12	10
1/2	ECLK-50-15	15	10
1/2	ECLK-50-18	18	10
1/2	ECLK-50-21	21	10
1/2	ECLK-50-24	24	10
1/2	ECLK-50-27	27	10
1/2	ECLK-50-30	30	10
1/2	ECLK-50-33	33	10
1/2	ECLK-50-36	36	10
3/4	ECLK-75-4	4	12
3/4	ECLK-75-6	6	12
3/4	ECLK-75-8	8	12
3/4	ECLK-75-10	10	12
3/4	ECLK-75-12	12	12
3/4	ECLK-75-15	15	12
3/4	ECLK-75-18	18	12
3/4	ECLK-75-21	21	12
3/4	ECLK-75-24	24	12
3/4	ECLK-75-27	27	12
3/4	ECLK-75-30	30	12
3/4	ECLK-75-33	33	12
3/4	ECLK-75-36	36	12
1	ECLK-100-6	6	14
1	ECLK-100-8	8	14
1	ECLK-100-10	10	14
1	ECLK-100-12	12	14
1	ECLK-100-15	15	14
1	ECLK-100-18	18	14
1	ECLK-100-21	21	14
1	ECLK-100-24	24	14
1	ECLK-100-27	27	14
1	ECLK-100-30	30	14
1	ECLK-100-33	33	14
1	ECLK-100-36	36	14
1 1/4	ECLK-125-12	12	14
1 1/4	ECLK-125-15	15	14
1 1/4	ECLK-125-18	18	14
1 1/4	ECLK-125-21	21	14
1 1/4	ECLK-125-24	24	14
1 1/4	ECLK-125-27	27	14
1 1/4	ECLK-125-30	30	14
1 1/4	ECLK-125-33	33	14
1 1/4	ECLK-125-36	36	14
1 1/2	ECLK-150-12	12	16
1 1/2	ECLK-150-15	15	16
1 1/2	ECLK-150-18	18	16
1 1/2	ECLK-150-21	21	16
1 1/2	ECLK-150-24	24	16
1 1/2	ECLK-150-27	27	14
1 1/2	ECLK-150-30	30	16
1 1/2	ECLK-150-33	33	16
1 1/2	ECLK-150-36	36	16
2	ECLK-200-12	12	18
2	ECLK-200-15	15	18
2	ECLK-200-18	18	18
2	ECLK-200-21	21	18
2	ECLK-200-24	24	18
2	ECLK-200-27	27	18
2	ECLK-200-30	30	18
2	ECLK-200-33	33	18
2	ECLK-200-36	36	18

#### Type ECLK Male/Female Union

#### Use:

Used in hazardous locations to isolate conduit systems from vibration and/or movement or to make difficult bends.

#### Features:

- Suitable for ground path
- Max. temperature rating: 300°F (149°C)

#### Material:

All couplings are constructed from bronze braid brass tubing and contain an arc resistant asphaltum impregnated liner.

1/2" - 1"

Bronze end fittings with zinc plated steel UNF union on one end

1 1/4" - 2"

Bronze end fittings with malleable iron UNY union on one end and steel close nipple on other end

#### Optional Sizes:

Optional sizes and lengths are available. 2 1/2" through 4" sizes are also available. Contact your local representative for price and availability.

#### Type ECGJH

1/2" - 1" Male/Male fittings

1 1/4" - 2" Female/Female end fittings with close nipples

#### Use:

Used in hazardous locations to isolate conduit systems from vibration and/or movement or to make difficult bends.

#### Features:

- Suitable for ground path
- Max. temperature rating: 300°F (149°C)

#### Material:

All couplings are constructed from bronze braid brass tubing and contain an arc resistant asphaltum impregnated liner.

1/2" - 1" - bronze end fittings

1 1/4" - 2" - female/female bronze end fittings with two steel close nipples

#### Optional Sizes:

Longer lengths available. 2 1/2", 3 4" sizes are also available. Contact your local representative for price and availability.



Type ECLK

Trade Size (inches)	Catalog Number	No. of Hubs	Min. Bending Radius
1/2	ECGJH-50-4	4	10
1/2	ECGJH-50-6	6	10
1/2	ECGJH-50-8	8	10
1/2	ECGJH-50-10	10	10
1/2	ECGJH-50-12	12	10
1/2	ECGJH-50-15	15	10
1/2	ECGJH-50-18	18	10
1/2	ECGJH-50-21	21	10
1/2	ECGJH-50-24	24	10
1/2	ECGJH-50-27	27	10
1/2	ECGJH-50-30	30	10
1/2	ECGJH-50-33	33	10
1/2	ECGJH-50-36	36	10
3/4	ECGJH-75-4	4	12
3/4	ECGJH-75-6	6	12
3/4	ECGJH-75-8	8	12
3/4	ECGJH-75-10	10	12
3/4	ECGJH-75-12	12	12
3/4	ECGJH-75-15	15	12
3/4	ECGJH-75-18	18	12
3/4	ECGJH-75-21	21	12
3/4	ECGJH-75-24	24	12
3/4	ECGJH-75-27	27	12
3/4	ECGJH-75-30	30	12
3/4	ECGJH-75-33	33	12
3/4	ECGJH-75-36	36	12
1	ECGJH-100-6	6	14
1	ECGJH-100-8	8	14
1	ECGJH-100-10	10	14
1	ECGJH-100-12	12	14
1	ECGJH-100-15	15	14
1	ECGJH-100-18	18	14
1	ECGJH-100-21	21	14
1	ECGJH-100-24	24	14
1	ECGJH-100-27	27	14
1	ECGJH-100-30	30	14
1	ECGJH-100-33	33	14
1	ECGJH-100-36	36	14
1 1/4	ECGJH-125-12	12	14
1 1/4	ECGJH-125-15	15	14
1 1/4	ECGJH-125-18	18	14
1 1/4	ECGJH-125-21	21	14
1 1/4	ECGJH-125-24	24	14
1 1/4	ECGJH-125-27	27	14
1 1/4	ECGJH-125-30	30	14
1 1/4	ECGJH-125-33	33	14
1 1/4	ECGJH-125-36	36	14
1 1/2	ECGJH-150-12	12	16
1 1/2	ECGJH-150-15	15	16
1 1/2	ECGJH-150-18	18	16
1 1/2	ECGJH-150-21	21	16
1 1/2	ECGJH-150-24	24	16
1 1/2	ECGJH-150-27	27	16
1 1/2	ECGJH-150-30	30	16
1 1/2	ECGJH-150-33	33	16
1 1/2	ECGJH-150-36	36	16
2	ECGJH-200-12	12	18
2	ECGJH-200-15	15	18
2	ECGJH-200-18	18	18
2	ECGJH-200-21	21	18
2	ECGJH-200-24	24	18
2	ECGJH-200-27	27	18
2	ECGJH-200-30	30	18
2	ECGJH-200-33	33	18
2	ECGJH-200-36	36	18

# Fittings

## O-Z/GEDNEY

### Expansion Fittings



Type AX-8 Provides for 8" Conduit Movement

Trade Size (inches)	Catalog Number	Dimensions in Inches		Bonding Jumper - 14" Catalog Number
		Max. Dia.	Overall Length	
1/2	AX-50	2	6 1/4	BJ-0507-14
3/4	AX-75	2 1/4	6 3/8	BJ-0507-14
1	AX-100	2 5/8	6 5/8	BJ-1012-14
1 1/4	AX-125	3 1/8	6 5/8	BJ-1012-14
1 1/2	AX-150	3 1/2	6 5/8	BJ-1520-14
2	AX-200	4	7 1/8	BJ-1520-14
2 1/2	AX-250	4 1/2	7 1/2	BJ-2530-14
3	AX-300	5 3/8	8 1/8	BJ-2530-14
3 1/2	AX-350	6	8 1/2	BJ-3540-14
4	AX-400	6 5/8	8 5/8	BJ-3540-14
5	AX-500	8	9 1/2	BJ-5060-14
				<b>Bonding Jumper - 24"</b>
1/2	AX-8-50	2	10 1/4	BJ-0507-24
3/4	AX-8-75	2 1/4	10 3/8	BJ-0507-24
1	AX-8-100	2 5/8	10 5/8	BJ-1012-24
1 1/4	AX-8-125	3 1/8	10 5/8	BJ-1012-24
1 1/2	AX-8-150	3 1/2	10 5/8	BJ-1520-24
2	AX-8-200	4	11 1/8	BJ-1520-24
2 1/2	AX-8-250	4 1/2	11 1/2	BJ-2530-24
3	AX-8-300	5 3/8	12 1/8	BJ-2530-24
3 1/2	AX-8-350	6	12 1/4	BJ-3540-24
4	AX-8-400	6 5/8	12 3/8	BJ-3540-24
5	AX-8-500	8	13 1/2	BJ-5060-24

### For Rigid Metal Conduit Type AX

Provides 4" conduit movement

### Type AX-8

Provides 8" conduit movement

#### Use:

To allow for expansion and contraction in a run of rigid metal conduit.

For applications involving IMC a 15" min. length of rigid conduit should be used entering the expansion fitting due to the slightly smaller O.D. of the IMC.

Type AX provides for a maximum of 4" conduit movement (2" in either direction).

Type AX-8 provides for a maximum of 8" conduit movement (4" in either direction).

#### Features:

- Weatherproof
- Includes insulating bushing
- Bonding jumpers

#### Material/Finish:

Malleable or Ductile Iron/  
Hot Dip Galvanized

#### Optional Material:

Type AX and Type AX-8 expansion fittings are available in Copper-free Aluminum. Add letter "A" after Catalog Number

#### Third Party Certification:

UL Listed: E-11853  
Wet or dry locations - use with  
Type BJ external bonding jumpers.

CSA Certified: 11584

Wet or dry locations - use with  
Type BJ external bonding jumpers.

#### To Order Specify:

Specify bonding jumpers for steel conduit by Catalog Numbers in corresponding table.

#### Applicable Third Party Standards:

UL Standard: 514B  
CSA Standard: C22.2 No. 18  
Fed. Spec: W-F-408E  
NEMA: FB-1

# Fittings

## EMT Conduit Fittings

### 90°-45° Elbows-EMT Electrical Metallic Tubing



PIPE SIZE (IN.)	MIN. UL RADIUS (IN.)	OFFSET	WT. PER. 100	WT. PER. CTN.	STD. CTN. (QTY.)
1/2	4	6 <sup>5</sup> / <sub>16</sub>	27	14	50
3/4	4 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	47	24	50
1	5 <sup>3</sup> / <sub>4</sub>	8 <sup>7</sup> / <sub>8</sub>	84	21	25
1 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	11	157	31	20
1 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>16</sub>	215	32	15
2	9 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>4</sub>	299	30	10
2 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	18 <sup>5</sup> / <sub>16</sub>	589	294	50
3	13	21 <sup>1</sup> / <sub>2</sub>	836	418	50
3 <sup>1</sup> / <sub>2</sub>	15	24 <sup>1</sup> / <sub>2</sub>	1181	413	35
4	16	25 <sup>1</sup> / <sub>2</sub>	1433	501	35



Compression Type Connector Insulated Throat

### Compression Raintight Insulated Throat Connectors-Steel

Size	CRH	O.Z./Gedney	Steel City	Elec-troline
1/2	1650	7050ST	TC-711	
3/4	1651	7075ST	TC-712	IL 21-7
1	1652	7100ST	TC-713	
1 <sup>1</sup> / <sub>4</sub>	1653	7125ST	TC-714	IL 21-8
1 <sup>1</sup> / <sub>2</sub>	1654	7150ST	TC-715	
2	1655	7200ST	TC-716	IL 21-9
2 <sup>1</sup> / <sub>2</sub>	1656	7250ST	TC-717	
3	1657	7300ST	TC-718	IL 21-10
3 <sup>1</sup> / <sub>2</sub>	1658	7350ST	TC-719	
4	1659	7400ST	TC-7110	



Die Cast Set Screw Coupling

### Set Screw Couplings – Die Cast

Size	Steel City	Elec-troline
1/2	TK-221	L 122
3/4	TK-222	L 124
1	TK-223	L 126
1 <sup>1</sup> / <sub>4</sub>	TK-224	L 128
1 <sup>1</sup> / <sub>2</sub>	TK-225	L 130
2	TK-226	L 132
2 <sup>1</sup> / <sub>2</sub>	TK-227	L 134-7
3	TK-228	L 134-8
3 <sup>1</sup> / <sub>2</sub>	TK-229	L 134-9
4	TK-2210	L 134-10



Compression Type Connector

### Compression Raintight Connectors-Steel

Size	CRH	O.Z./Gedney	Steel City	Elec-troline
1/2	650S	7050S	TC-111	
3/4	651S	7075S	TC-112	L 21-7
1	652	7100S	TC-113	
1 <sup>1</sup> / <sub>4</sub>	653	7125S	TC-114	L 21-8
1 <sup>1</sup> / <sub>2</sub>	654	7150S	TC-115	
2	655	7200S	TC-116	L 21-9
2 <sup>1</sup> / <sub>2</sub>	656	7250S	TC-117	
3	657	7300S	TC-118	L 21-10
3 <sup>1</sup> / <sub>2</sub>	658	7350S	TC-119	
4	659	7400S	TC-1110	



One Hole Snap Strap

### One Hole Straps-Stamped Steel

Size	O.Z./Gedney	Steel City	STH
1/2	15-50S	TS-101	IE050
3/4	15-75S	TS-102	IE075
1	15-100	TS-103	IE100
1 <sup>1</sup> / <sub>4</sub>	15-125S	TS-104	IE125
1 <sup>1</sup> / <sub>2</sub>	15-150S	TS-105	IE150
2	15-200S	TS-106	IE200
2 <sup>1</sup> / <sub>2</sub>	14-250S	HS-107	IE250
3	14-300S	HS-108	IE300
3 <sup>1</sup> / <sub>2</sub>	14-350S	HS-109	IE350
4	14-400S	HS-110	IE400

# Fittings



Compression Type Coupling

## Compression Raintight Couplings-Steel

Size	CRH	O.Z./Gedney	Steel City	Elec-troline
1/2	660S	6050S	TK-111	
3/4	661S	6075S	TK-112	
1	622	6100S	TK-113	
1 1/4	663	6125S	TK-114	
1 1/2	664	6150S	TK-115	
2	665	6200S	TK-116	
2 1/2	666	6250S	TK-117	L 22-7
3	667	6300S	TK-118	L 22-8
3 1/2	668	6350S	TK-119	L 22-9
4	669	6400S	TK-1110	L 22-10



Die Cast Compression Connector

## Compression Raintight Connectors-Die Cast

Size	CRH	Steel City	Elec-troline
1/2	2650	TC-211	L 21
3/4	2651	TC-212	L 23
1	2652	TC-213	L 25
1 1/4	2653	TC-214	L 27
1 1/2	2654	TC-215	L 29
2	2655	TC-216	L 31
2 1/2	2656	TC-217	L 21-7
3	2657	TC-218	L 21-8
3 1/2	2658	TC-219	L 21-9
4	2659	TC-2110	L 21-10



Set Screw Connector

## Set Screw Connectors-Steel

Size	CRH	O.Z./Gedney	Steel City	Elec-troline
1/2	450	4050S	TC-121	L 35-1
3/4	451	4075S	TC-122	L 35-2
1	452	4100S	TC-123	L 35-3
1 1/4	453	4125S	TC-124	
1 1/2	454	4150S	TC-125	
2	455	4200S	TC-126	
2 1/2	456	4250S	TC-127	L 133-7
3	457	4300S	TC-128	L 133-8
3 1/2	458	4350S	TC-129	L 133-9
4	459	4400S	TC-1210	L 133-10



Insulated Throat

## Compression Raintight Insulated Throat Connectors-Die Cast

Size	CRH	Steel City	Elec-troline
1/2	3650	TC-811	IL 21
3/4	3651	TC-812	IL 23
1	3652	TC-813	IL 25
1 1/4	3653	TC-814	IL 27
1 1/2	3654	TC-815	IL 29
2	3655	TC-816	IL 31
2 1/2	3656	TC-817	IL 21-7
3	3657	TC-818	IL 21-8
3 1/2	3658	TC-819	IL 21-9
4	3659	TC-8110	IL 21-10



Die Cast Compression Coupling

## Compression Raintight Couplings-Die Cast

Size	Steel City	Elec-troline
1/2	TK-211	L 22
3/4	TK-212	L 24
1	TK-213	L 26
1 1/4	TK-214	L 28
1 1/2	TK-215	L 30
2	TK-216	L 32
2 1/2	TK-217	L 22-7
3	TK-218	L 22-8
3 1/2	TK-219	L 22-9
4	TK-2110	L 22-10

## Set Screw Insulated Throat Connectors-Steel

Size	CRH	O.Z./Gedney	Steel City	Elec-troline
1/2	1450	4050ST	TC-721	
3/4	1451	4075ST	TC-722	
1	1452	4100ST	TC-723	
1 1/4	1453	4125ST	TC-724	
1 1/2	1454	4150ST	TC-725	
2	1455	4200ST	TC-726	
2 1/2	1456	4250ST	TC-727	IL 133-7
3	1457	4300ST	TC-728	IL 133-8
3 1/2	1458	4350ST	TC-729	IL 133-9
4	1459	4400ST	TC-7210	IL 133-10

Set Screw Connector Insulated



Die Cast Set Screw Connector

## Set Screw Connectors - Die Cast

Size	Steel City	Elec-troline
1/2	TC-211	L 121
3/4	TC-222	L 123
1	TC-223	L 125
1 1/4	TC-224	L 127
1 1/2	TC-225	L 129
2	TC-226	L 131
2 1/2	TC-227	L 133-7
3	TC-228	L 133-8
3 1/2	TC-229	L 133-9
4	TC-2210	L 133-10



Set Screw Coupling

## Set Screw Couplings-Steel

Size	CRH	O.Z./Gedney	Steel City
1/2	460	5050S	TK-121
3/4	461	5075S	TK-122
1	462	5100S	TK-123
1 1/4	463	5125S	TK-124
1 1/2	464	5150S	TK-126
2	465	5200S	TK-126
2 1/2	466	5250S	TK-127
2 1/2	466	5250S	TK-127
3	467	5300S	TK-128
3 1/2	468	5350S	TK-129
4	469	5400S	TK-1210



Insulated Throat Connector

## Set Screw Insulated Throat Connectors - Die Cast

Size	Elec-troline	Steel City
1/2	IL 121	TC-821
3/4	IL 123	TC-822
1	IL 125	TC-823
1 1/4	IL 127	TC-824
1 1/2	IL 129	TC-825
2	IL 131	TC-826
2 1/2	IL 133-7	.....
3	IL 133-8	.....
3 1/2	IL 133-9	.....
4	IL 133-10	.....

# Fittings

## PVC Conduit Fittings

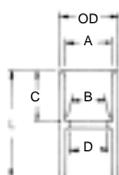
### Schedule 40/80 Fittings & Elbows

All socket fittings should be attached using **Carlton** solvent cement. Using Carlton fittings with Carlton nonmetallic conduit insures system integrity.

#### STANDARD COUPLINGS



Socket type for joining non-metallic conduit.



Part No.	Size	A		Min. D	Max. OD	C			L	Ctn. Qty.
		Typical				Typical				
E940D	1/2	.852	.836	.758	1 <sup>1</sup> / <sub>64</sub>	<sup>11</sup> / <sub>16</sub>	<sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	150	
E940E	3/4	1.046	1.046	.948	1 <sup>5</sup> / <sub>16</sub>	<sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	100		
E940F	1	1.330	1.310	1.210	1 <sup>5</sup> / <sub>8</sub>	<sup>15</sup> / <sub>16</sub>	2	50		
E940G	1 1/4	1.677	1.655	1.535	1 <sup>63</sup> / <sub>64</sub>	1	2 <sup>1</sup> / <sub>8</sub>	30		
E940H	1 1/2	1.918	1.894	1.755	2 <sup>15</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	25		
E940J	2	2.393	2.369	2.190	2 <sup>47</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	30		
E940K	2 1/2	2.688	2.688	2.688	3 <sup>7</sup> / <sub>16</sub>	1 <sup>33</sup> / <sub>64</sub>	3 <sup>1</sup> / <sub>16</sub>	20		
E940L	3	3.515	3.492	3.375	3 <sup>31</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>32</sub>	25		
E940M	3 1/2	4.015	3.992	3.780	4 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	20		
E940N	4	4.515	4.491	4.265	5 <sup>3</sup> / <sub>32</sub>	2	3 <sup>3</sup> / <sub>4</sub>	15		
E940P	5	5.593	5.553	5.097	6 <sup>1</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>16</sub>	8		
E940R	6	6.658	6.614	6.115	7 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	5		

#### END BELL

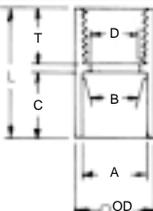


Part No.	Size
E997F	1"
E997G	1 1/4"
E997H	1 1/2"
E997J	2"
E997L	3"
E997M	3 1/2"
E997N	4 1/2"
E997P	5"
E997R	6"

#### FEMALE ADAPTERS



For adapting nonmetallic conduits to threaded fittings, metallic systems. Female threads on one end, socket end on other

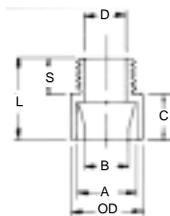


Part No.	Size	A		Min. D	Max. OD	C			L	Ctn. Qty.
		Typical				Typical				
E942D	1/2	.852	.836	.620	1 <sup>1</sup> / <sub>64</sub>	<sup>11</sup> / <sub>16</sub>	<sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	150	
E942E	3/4	1.064	1.064	.822	1 <sup>5</sup> / <sub>16</sub>	<sup>13</sup> / <sub>16</sub>	<sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	100	
E942F	1	1.330	1.310	1.046	1 <sup>5</sup> / <sub>8</sub>	<sup>15</sup> / <sub>16</sub>	<sup>7</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>16</sub>	50	
E942G	1 1/4	1.677	1.655	1.377	1 <sup>63</sup> / <sub>64</sub>	1	<sup>7</sup> / <sub>8</sub>	2	30	
E942H	1 1/2	1.918	1.894	1.607	2 <sup>5</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>8</sub>	<sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>32</sub>	25	
E942J	2	2.393	2.369	2.064	2 <sup>47</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>16</sub>	1	2 <sup>5</sup> / <sub>16</sub>	30	
E942K	2 1/2	2.890	2.868	2.450	3 <sup>11</sup> / <sub>32</sub>	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	20	
E942L	3	3.515	3.492	3.000	3 <sup>31</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>16</sub>	25	
E942M	3 1/2	4.015	3.992	3.500	4 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	20	
E942N	4	4.515	4.491	4.000	5 <sup>1</sup> / <sub>64</sub>	2	1 <sup>1</sup> / <sub>8</sub>	3 <sup>13</sup> / <sub>64</sub>	15	
E942P	5	5.593	5.553	5.047	6 <sup>1</sup> / <sub>4</sub>	1 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	8	
E942R	6	6.658	6.614	6.055	7 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	6	

#### MALE TERMINAL ADAPTERS



For adapting nonmetallic conduits to boxes, threaded fittings, metallic systems. Male threads on one end, socket end on other

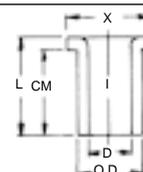


Part No.	Size	A		Min. D	Max. OD	C			L	Ctn. Qty.
		Typical				Typical				
E942D	1/2	.852	.836	.620	1 <sup>1</sup> / <sub>64</sub>	<sup>11</sup> / <sub>16</sub>	<sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	150	
E942E	3/4	1.064	1.064	.822	1 <sup>5</sup> / <sub>16</sub>	<sup>13</sup> / <sub>16</sub>	<sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	100	
E942F	1	1.330	1.310	1.046	1 <sup>5</sup> / <sub>8</sub>	<sup>15</sup> / <sub>16</sub>	<sup>7</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>16</sub>	50	
E942G	1 1/4	1.677	1.655	1.377	1 <sup>63</sup> / <sub>64</sub>	1	<sup>7</sup> / <sub>8</sub>	2	30	
E942H	1 1/2	1.918	1.894	1.607	2 <sup>5</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>8</sub>	<sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>32</sub>	25	
E942J	2	2.393	2.369	2.064	2 <sup>47</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>16</sub>	1	2 <sup>5</sup> / <sub>16</sub>	30	
E942K	2 1/2	2.890	2.868	2.450	3 <sup>11</sup> / <sub>32</sub>	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	20	
E942L	3	3.515	3.492	3.000	3 <sup>31</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>16</sub>	25	
E942M	3 1/2	4.015	3.992	3.500	4 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	20	
E942N	4	4.515	4.491	4.000	5 <sup>1</sup> / <sub>64</sub>	2	1 <sup>1</sup> / <sub>8</sub>	3 <sup>13</sup> / <sub>64</sub>	15	
E942P	5	5.593	5.553	5.047	6 <sup>1</sup> / <sub>4</sub>	1 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	8	
E942R	6	6.658	6.614	6.055	7 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	6	

#### BOX ADAPTERS FOR ENCLOSURES



Adapts nonmetallic conduit to all electrical enclosures by inserting adapter through knockout and cement into Carton couplings.



Part No.	Size	Min. D	OD Typical	Max. X	CM		L	Ctn. Qty.
					Typical			
E996D	1/2	.662	.840	1 <sup>1</sup> / <sub>64</sub>	<sup>23</sup> / <sub>32</sub>	<sup>27</sup> / <sub>32</sub>	100	
E996E	3/4	.824	1.050	1 <sup>21</sup> / <sub>64</sub>	<sup>25</sup> / <sub>32</sub>	<sup>29</sup> / <sub>32</sub>	100	
E996F	1	1.049	1.315	1 <sup>5</sup> / <sub>8</sub>	<sup>61</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>32</sub>	100	
E996G	1 1/4	1.380	1.660	1 <sup>31</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	50	
E996H	1 1/2	1.610	1.900	2 <sup>13</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>8</sub>	50	
E996J	2	2.067	2.375	2 <sup>29</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	25	
E996K	2 1/2	2.469	2.875	3 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>16</sub>	10	
E996L	3	3.068	3.500	4 <sup>1</sup> / <sub>8</sub>	2	2 <sup>1</sup> / <sub>16</sub>	20	
E996M	3 1/2	3.548	4.000	4 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>16</sub>	10	
E996N	4	4.026	4.500	5 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	10	

#### PLUG WITH PULL TAB



Part No.	Size	Pkg. Qty.
P285JT	2"	60
P258LT	3"	30
P258NT	4"	48
P258PT	5"	30
P258RT	6"	30
P258T*	8"	10
P258TU**	8"	10

\*No Tab

\*\*Heavy Duty Plug

# Fittings

Carlton

## FITTINGS DATA Standard Radius Elbows

### SCHEDULE 40 ELBOWS – STANDARD RADIUS

Item	Plain End Part No.	Belled End Part No.	Size	Plain End Pkg. Qty.	Belled End Pkg. Qty.
90° Elbow	UA9AD	UA9ADB	1/2"	50	50
	UA9AE	UA9AEB	3/4"	25	25
	UA9AF	UA9AFB	1"	25	25
	UA9AG	UA9AGB	1 1/4"	20	20
	UA9AH	UA9AHB	1 1/2"	25	25
	UA9AJ	UA9AJB	2"	20	15
	UA9AK	UA9AKB	2 1/2"	10	10
	UA9AL	UA9ALB	3"	30	25/5
	UA9AM	UA9AMB	3 1/2"	25	20/5
	UA9AN	UA9ANB	4"	25	20/5
	UA9AP	UA9APB	5"	8	8/2
	UA9AR	UA9ARB	6"	8	8/2
45° Elbow	UA7AD	UA7ADB	1/2"	50	–
	UA7AE	UA7AEB	3/4"	25	–
	UA7AF	UA7AFB	1"	20	–
	UA7AG	UA7AGB	1 1/4"	20	20
	UA7AH	UA7AHB	1 1/2"	20	20
	UA7AJ	UA7AJB	2"	20	20
	UA7AK	UA7AKB	2 1/2"	20	20
	UA7AL	UA7ALB	3"	30	25/5
	UA7AM	UA7AMB	3 1/2"	25	20
	UA7AN	UA7ANB	4"	25	20/5
	UA7AP	UA7APB	5"	8	8
	UA7AR	UA7ARB	6"	8	8
30° Elbow	UA6AD	UA6ADB	1/2"	50	–
	UA6AE	UA6AEB	3/4"	25	–
	UA6AF	UA6AFB	1"	25	–
	UA6AG	UA6AGB	1 1/4"	20	20
	UA6AH	UA6AHB	1 1/2"	25	25
	UA6AJ	UA6AJB	2"	20	20
	UA6AK	UA6AKB	2 1/2"	10	10
	UA6AL	UA6ALB	3"	30	30
	UA6AM	UA6AMB	3 1/2"	25	5
	UA6AN	UA6ANB	4"	25	3
	UA6AP	UA6APB	5"	8	1
	UA6AR	UA6ARB	6"	8	1

## FITTINGS Expansion Couplings

### STANDARD EXPANSION COUPLINGS

E945 series expansion couplings are designed to compensate for length changes due to temperature variations in exposed conduit runs.

**NOTE:** Do not use expansion coupling when encased in concrete. Conduit is immobilized by the concrete and will conform to the expansion rate of the concrete.

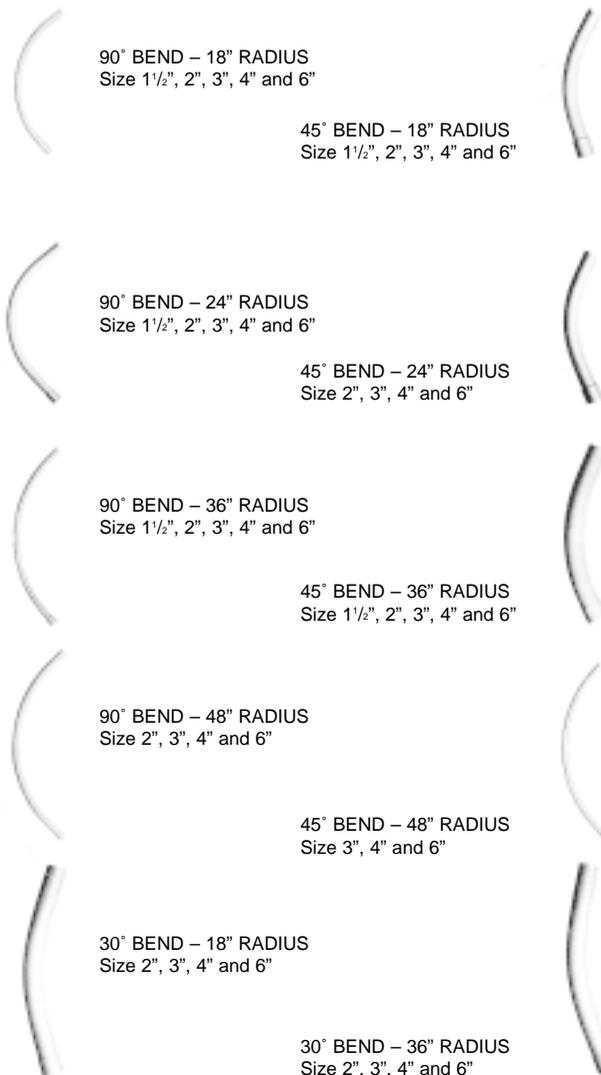


### Expansion Couplings

Part No.	Size	Ctn. Qty.	Lay Lengths Stop to Stop Total Closed	Stop to Stop Total Open	Available Length Expansion-Contraction
E945D	1/2"	50	12 1/4"	18 5/8"	6"
E945E	3/4"	50	12 1/4"	18 5/8"	6"
E945F	1"	45	12 3/4"	19 1/8"	6"
E945G	1 1/4"	30	12 3/4"	19 1/8"	6"
E945H	1 1/2"	25	12 3/4"	19 1/8"	6"
E945J	2"	15	13 1/2"	19 7/8"	6"
E945K	2 1/2"	10	14"	20 3/8"	6"
E945L	3"	10	16 1/2"	23"	6"
E945M	3 1/2"	5	16 1/2"	23"	6"
E945N	4"	5	17 1/2"	24"	6"
E945P	5"	3	18 1/2"	24 1/2"	6"
E945R	6"	2	20 1/2"	26 1/2"	6"

### Rigid PVC fabricated Bends to NEMA TC 2, TC 6 and TC 8

#### Special Radius Bends



**Note:** 1. Both or one end plain or with integral solvent weld parallel socket  
2. Fabricated Bends in other angles and radii are available on request.

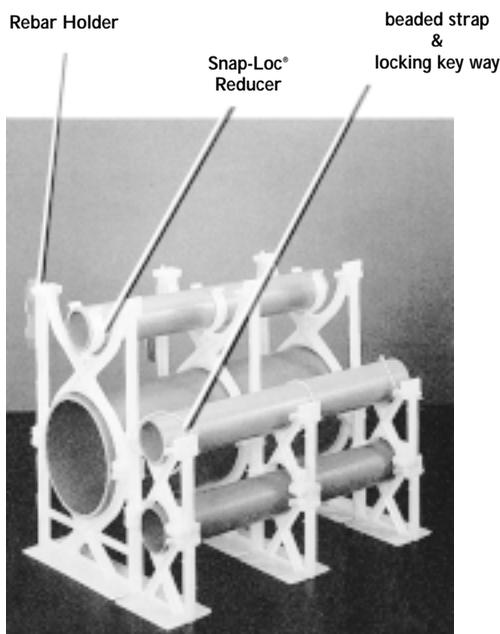
## Carlson SNAP-LOC® Spacers Standard Radius Elbows

Carlson SNAP-LOC® dust spacers provide stability and consistent separation and relieve direct stress for duct materials to be encased in concrete.

To meet the changing needs of the utility industry, Carlson's SNAP-LOC® Spacers provide:

- A side dovetail and groove design allowing for side-by-side interchangeability of conduit spacer sizes while maintaining horizontal stability.
- Locking key ways incorporated into intermediate spacers eliminate the need for costly top spacers in each size. The locking key ways provide for use of a beaded strap that secures the top section of conduit.
- 1" and 2" SNAP-LOC® Reducers allow fixturing of 1" or 2" conduit inside larger spacers.
- The SNAP-LOC® Rebar Holder provides stabilization on large banks of spacers.

Nonmetallic SNAP-LOC® Spacers are designed specifically for use with nonmetallic duct, with maximum O.D. dimensions as specified in NEMA TC-2, TC-6, TC-8 and ASTM F 512. The innovative vertical and horizontal interlocking SNAP-LOC® design has tapered joining slots with maximum tolerances for easy job site assembly.



## Suggested Specification

(Duct) (Conduit) bank shall be encased in concrete with at least three inches of concrete at the top and bottom and two inches on each side. A horizontal and vertical separation between the ducts of ..... \* inches shall be maintained by installing Carlson high impact spacers with horizontal and vertical locking intervals of ..... \*\* feet.

\* Standard separations of 1", 1 1/2", 2", and 3" are available.

\*\* Preferred interval between spacer assemblies is 8 to 10 feet.

## Dimensions/Base Spacers

Part No.	Description	A	C	D (Dia.)	Pkg. Qty.
S288JHN	2x1 1/2	4.25	4.12	2.50	100
S288JJN	2x2	4.25	4.62	2.50	100
S288JLN	2x3	4.25	5.62	2.50	100
S288LHN	3x1 1/2	4.81	5.25	3.63	90
S288LJN	3x2	4.81	5.75	3.63	80
S288LLN	3x3	4.81	6.75	3.63	60
S288NFN	4x1	3.31	5.75	4.63	70
S288NHN	4x1 1/2	5.31	6.25	4.63	50
S288NJN	4x2	5.31	6.75	4.63	50
S288NLN	4x3	5.31	7.75	4.63	60
S288PHN	5x1 1/2	5.84	7.31	5.69	50
S288PJN	5x2	5.84	7.81	5.69	60
S288PLN	5x3	5.84	8.81	5.69	50
S288RHN	6x1 1/2	6.38	8.38	6.75	50
S288RJN	6x2	6.38	8.88	6.75	50
S288RLN	6x3	6.38	9.88	6.75	40
S288SHN	8x1 1/2	7.38	10.38	8.75	30
S288SJN	8x2	7.38	10.88	8.75	30
S288SLN	8x3	7.38	11.88	8.75	30

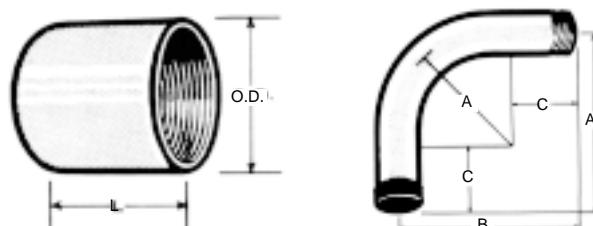
## Dimensions/Intermediate Spacers

Part No.	Description	A	C	D (Dia.)	Pkg. Qty.
S289JHN	2x1 1/2	3.88	4.12	2.50	120
S289JJN	2x2	4.38	4.62	2.50	100
S289JLN	2x3	5.38	5.62	2.50	80
S289LHN	3x1 1/2	5.01	5.25	3.63	100
S289LJN	3x2	5.51	5.75	3.63	80
S289LLN	3x3	6.51	6.75	3.63	60
S289NFN	4x1	5.51	5.75	4.63	70
S289NHN	4x1 1/2	6.01	6.25	4.63	60
S289NJN	4x2	6.51	6.75	4.63	60
S289NLN	4x3	7.51	7.75	4.63	50
S289PHN	5x1 1/2	7.07	7.31	5.69	50
S289PJN	5x2	7.57	7.81	5.69	50
S289PLN	5x3	8.57	8.81	5.69	30
S289RHN	6x1 1/2	8.14	8.38	6.75	50
S289RJN	6x2	8.64	8.88	6.75	40
S289RLN	6x3	9.64	9.88	6.75	30
S289SHN	8x1 1/2	10.14	10.38	8.75	30
S289SJN	8x2	10.64	10.88	8.75	30
S289SLN	8x3	11.64	11.88	8.75	20

## Aluminium Conduit Fittings

### Rigid Aluminum Couplings | Rigid Aluminum Elbows Standard Radius Only

Trade Size Inches	Nom. Weight Per 100	O.D. Inches	Length Inches	Trade Size Inches	Nom. Weight Per 100	A Inches	B Inches	C Inches
1/2	6.1	1 5/64	1 9/16	1/2	29.0	4	6 1/2	2 1/2
3/4	9.1	1 21/64	1 5/8	3/4	43.0	4 1/2	7 1/4	2 3/4
1	12.5	1 9/16	2	1	71.0	5 3/4	8 5/8	2 7/8
1 1/4	18.9	1 61/64	2 1/16	1 1/4	110.0	7 1/4	10 1/4	3
1 1/2	23.3	2 1/32	2 1/16	1 1/2	153.0	8 1/4	11 7/8	3 5/8
2	34.6	2 3/4	2 1/8	2	249.0	9 1/2	14	4 1/2
2 1/2	68.3	3 9/32	3 1/8	2 1/2	437.0	10 1/2	15 3/4	5 1/4
3	91.4	3 15/16	3 1/4	3	767.0	13	18 3/4	5 3/4
3 1/2	108.0	4 1/16	3 3/8	3 1/2	1036.0	15	21 3/4	6 3/4
4	142.0	5	3 1/2	4	1228.0	16	23	7
5	241.9	6 19/64	3 3/4	5	2490.0	24	36	11
6	321.0	7 25/64	4	6	3850.0	30	42 1/2	12 1/2



# Fittings

## Sealite, FlexSteel, BX Fittings



Liquid Tight To Rigid Coupling

### Combination Couplings – Liquid – Tight To Rigid

Size	O.Z./Gedney
3/8	4Q-38FM
1/2	4Q-50FM
3/4	4Q-75FM
1	4Q-100FM
1 1/4	4Q-125FM
1 1/2	4Q-150FM
2	4Q-200FM
2 1/2	4Q-250FM



Straight Squeeze Type Box Connector

### Straight Connectors – Squeeze – For Armored Cable And Flexible Steel Conduit – Steel & Malleable Zinc

Size	O.Z./Gedney
Trade K.O.	
3/8 1/2	C-5
3/8 1/2	-
1/2 1/2	C-8
3/4 3/4	24-34
1 1	24-100
1 1/4 1 1/4	24-125
1 1/2 1 1/2	24-150
2 2	24-200



90° Angle Squeeze Type Box Connector

### 90° Connectors – 2-Screw or Squeeze – For Armored Cable And Flexible Steel Conduit – Steel or Malleable (Zinc)

Size	O.Z./Gedney
Trade K.O.	
3/8 1/2	ACV-938
3/8A 1/2	-
1/2 1/2	ACV-50
3/4 3/4	ACV-75
1 1	ACV-100
1 1/4 1 1/4	ACV-125
1 1/2 1 1/2	ACV-150
2 2	ACV-200



Watertight Strain Relief Connector

### Straight Portable Cord Connectors – 3/8 Inch – Watertight – Oiltight – Strain Relief

Size	Crouse-Hinds
Range	.875" OD
.125-.187	.....
.187-250	CGB3814
.250-312	.....
.312-375	CBG3816
.375-.450	CBG3817

### Straight Portable Cord Connectors – 1/2 Inch – Watertight – Oiltight – Strain Relief

Size	Crouse-Hinds	O.Z./Gedney
.187-.250	CGB114 CGB192	SR-50-250
.312-.375	CBG116	SR-50-375
.450-.500	CBG193 CBG117 CBG194	SR-50-500
.500-.562	.....	SR-50-625
.562-.625	.....	.....
.625-.750	.....	.....
.750-.875	.....	.....

### Straight Portable Cord Connectors – 3/4 Inch – Watertight – Oiltight – Strain Relief

Size	Crouse-Hinds	O.Z./Gedney
.125-.187	CGB292	SR-75-250
.187-.250	CGB292	SR-75-250
.250-.312	CBG293	SR-75-375
.312-.375	CBG293	SR-75-375
.375-.450	CBG294	SR-75-500
.450-.500	CBG294	SR-75-500
.500-.562	CGB295	SR-75-625
.562-.625	CGB295	SR-75-625
.625-.687	CGB296	SR-75-750
.687-.750	CGB296	SR-75-750
.750-.812	CGB297	SR-75-875
.812-.875	.....	.....

### Electroline

Catalog Number
L 42
L 42-1
L 42-2
L 42-3
L 42-4
L 42-5
L 42-6
L 42-7
L 42-8
L 42-9
L 42-10

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



3/8" – 2"

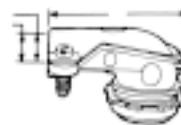


2 1/4" – 4"

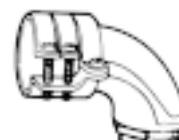
### Electroline

Catalog Number
L 110
L 110-1
L 110-2
L 110-3
L 110-4
L 110-5
L 110-6
L 110-7
L 110-8
L 110-9
L 110-10

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



3/8" – 2"



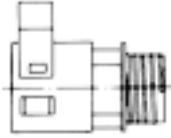
2 1/2" – 4"

# Fittings

## KOPEX

### KOPEX RANGE FITTINGS PMA CONNECTOR RANGE

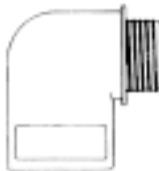
Straight



British Conduit Size mm	Thread		C Ordering Code	Qty of Units per box	International Ordering code
	Metric mm	Pg			
16	16	-	• YMM0303	25	SFN01-M162T
16	20	-	• YMM0304	25	SFN01-M202T
20	20	-	• YMM0404	25	SFN01-M207T
25	25	-	• YMM0505	10	SFN01-M253T
32	32	-	• YMM0606	5	SFN01-M329T
10	-	7	• YMP0101	10	SFN0-P07mT
12	-	11	• YMP0103	10	SFN0-P11mT
12	-	7	• YMP0201	25	SFN0-P070T
12	-	9	• YMP0202	25	SFN0-P090T
16	-	9	• YMP0302	25	SFN0-P092T
16	-	11	• YMP0303	25	SFN0-P112T
16	-	13.5	• YMP0304	25	SFN0-P132T
20	-	13.5	• YMP0404	25	SFN0-P137T
20	-	16	• YMP0405	25	SFN0-P167T
25	-	21	• YMP0506	10	SFN0-P213T
32	-	29	• YMP0607	5	SFN0-P229T
40	-	36	• YMP0708	5	SFN0-P366G
50	-	48	• YMP0810	2	SFN0-P488G
70	-	-	• YMN1010+	1	SGG-70
95	-	-	• YMN1212+	1	SGG-95
16	16	-	±YMMB0303*	25	BFN01-M162T
20	20	-	• YMMB0404*	25	BFN01-M207T
25	25	-	±YMMB0505*	10	BFN01-M253T
32	32	-	±YMMB0606*	5	BFN01-M329T

\* Black  
+ Flange Mounting Only

90°



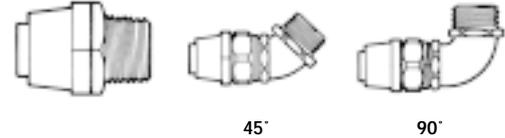
British Conduit Size mm	Thread		C Ordering Code	Qty of Units per box	International Ordering code
	Metric mm	Pg			
16	16	-	• YLM0303	10	SFW01M162T
16	20	-	• YLM0304	10	SFW01-M202T
20	20	-	• YLM0404	10	SFW01-M207T
25	25	-	• YLM0505	10	SFW01-M253T
32	32	-	• YLM0606	5	SFW01-M329T
10	10	-	• YLP0101	10	SFW0-P07mT
12	-	9	• YLP0202	10	SFW0-P090T
16	-	11	• YLP0303	10	SFW0-P112T
20	-	13.5	• YLP0404	10	SFW0-P137T
20	-	16	• YLP0405	10	SFW0-P167T
25	-	21	• YLP0506	10	SFW0-P213T
32	-	29	• YLP0607	5	SFW0-P299T
40	-	36	• YLP0708	5	SFW0-P366G
50	-	48	• YLP0810	2	SFW0-P488G
16	16	-	±YLMB0303*	10	BFW01-M162T
20	20	-	• YLMB0404*	10	BFW01-M207T
25	25	-	±YLMB0505*	10	BFW01-M253T
32	32	-	±YLMB0606*	5	BFW01-M329T

NOTE: All above straight and 90° connectors are supplied with locknuts.

### FLEXIBLE CONNECTOR TYPE KF-C TO IP67

Straight

One piece design.  
Metal body with insulated throat.  
Provides earth continuity. UK Patent No. 1345737 and corresponding patents elsewhere.



British Conduit Size mm	US Trade Size ins	Metric mm	Thread Types								Quantity of Units per Box
			Code	Imp ins	Code	Pg	Code	NPT ins	Code		
16	3/8	16	• XMM0303	-	-	11	• XMP0303	-	-	25	
16	3/8	-	-	-	-	13.5	• XMP0304	1/2	• XMA0304	25	
20	1/2	20	• XMM0404	-	-	16	• XMP0405	1/2	• XMA0404	25	
25	1/4	25	• XMM0505	-	-	21	• XMP0506	3/4	• XMA0505	10	
32	1	32	• XMM0606	-	-	29	• XMP0607	1	±XMA0606	5	
40	1 1/4	40	• XMM0707	1 1/2	±XME0707	36	±XMP0708	1 1/4	±XMA0707	5	
50	1 1/2	50	• XMM0808	2	±XME0808	42	±XMP0809	1 1/2	±XMA0808	2	
63	2	63	±XMM0909	2 1/2	±XME0909	48	±XMP0910	2	±XMA0909	1	
16	3/8	16	• XKM0303	-	-	11	• XKP0303	-	-	10	
16	3/8	20	±XKM0304	-	-	13.5	• XKP0304	1/2	±XKA0304	10	
20	1/2	20	±XKM0404	-	-	16	• XKP0405	1/2	±XKA0404	10	
25	3/4	25	±XKM0505	-	-	21	• XKP0506	3/4	±XKA0505	10	
32	1	32	±XKM0606	-	-	29	±XKP0607	1	±XKA0606	5	
40	1 1/4	40	±XKM0707	1 1/2	±XKE0707	36	±XKP0708	1 1/4	±XKA0707	5	
50	1 1/2	50	±XKM0808	2	±XKE0808	42	±XKP0809	1 1/2	±XKA0808	2	
63	2	63	±XKM0909	2 1/2	±XKE0909	48	±XKP0910	2	±XKA0909	1	
16	3/8	16	• XLM0303	-	-	11	• XLP0303	-	-	10	
16	3/8	20	• XLM0304	-	-	13.5	• XLP0304	1/2	• XLA0304	10	
20	1/2	20	• XLM0404	-	-	16	• XLP0405	1/2	• XLA0404	10	
25	3/4	25	• XLM0505	-	-	21	• XLP0506	3/4	• XLA0505	10	
32	1	32	±XLM0606	-	-	29	• XLP0607	1	±XLA0606	5	
40	1 1/4	40	±XLM0707	1 1/2	±XLE0707	36	±XLP0708	36	±XLA0707	5	
50	1 1/2	50	±XLM0808	2	±XLE0808	42	±XLP0809	1 1/2	±XLA0808	2	
63	2	63	±XLM0909	2 1/2	±XLE0909	48	±XLP0910	2	±XLA0909	1	

### PLIABLE CONNECTOR RANGE

C12

For PVC covered conduit.  
Material: Aluminium



British Conduit Size	Thread			Ordering Code	Quant. of Units per box
	Metric mm	Metric mm	IMP. Ins.		
10	16	-	-	• BCM0103	25
12	16	-	-	• BCM0203	25
16	16	-	-	• BCM0303	25
20	20	-	-	• BCM0404	25
25	25	-	-	• BCM0505	10
32	32	-	-	• BCM0606	5
40	40	-	-	• BCM0707	5
50	50	-	-	• BCM0808	2
12	-	1/2	-	• BCE0202	25
12	-	5/8	-	±BCE0203	25
40	-	1 1/2	-	• BCE0707	5
50	-	2	-	• BCE0808	2
63	-	2 1/2	-	• BCE0909	1
75	-	3	-	• BCE1010	1
16	16	-	-	• BEM0303	25
20	20	-	-	• BEM0404	25
25	25	-	-	• BEM0505	10
32	32	-	-	• BEM0606	5
40	40	-	-	• BEM0707	5
50	50	-	-	• BEM0808	2
40	-	1 1/2	-	* BEE0707	5
50	-	2	-	* BEE0808	2
63	-	2 1/2	-	* BEE0909	1

C14

For PVC covered conduit.  
Material: Zinc plated steel

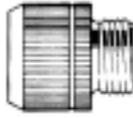


• Normally held in stock with the manufacturer  
± If not stock 6-8 weeks delivery  
\* Price and delivery status on application

## KOPEX

### C10

For uncovered conduit  
Material: Zinc alloy



British Conduit Size	Thread		Ordering Code	Quant. of Units per box
	Metric mm	IMP. Ins.		
16	16	—	• BAM0303	25
20	20	—	• BAM0404	25
25	25	—	• BAM0505	10
32	32	—	± BAM0606	5
12	—	1/2	± BAE0202	25
12	—	5/8	± BAE0203	25
40	—	1 1/2	± BAE0707	5
50	—	2	± BAE0808	2
63	—	2 1/2	* BAE0909	1
16	16	—	* BFM0303	25
20	20	—	• BFM0404	25
25	25	—	• BFM0505	10
32	32	—	* BFM0606	5
40	40	—	* BFM0707	5
50	50	—	* BFM0808	2

### C16

For uncovered conduit.  
Material: Aluminium



Imperial connector threads to BS31. Metric connector threads to BS6053

## PLIABLE CONNECTOR ACCESSORIES

### Sleeve

For use with C12 and C14 connectors.



Provides earth continuity and greater pull of capability.

### End Cap

For insertion in conduit end when used with or without connector.



Prevents cable chafing.

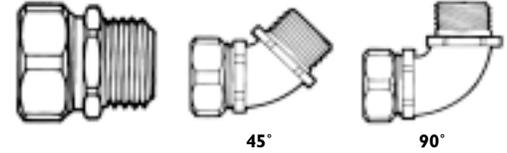
British Conduit Size mm	Ordering code	Quant. of Units per Box
12	± BXNCS02	25
16	• BXNCS03	25
20	• BXNCS04	25
25	• BXNCS05	10
32	• BXNCS06	5
40	± BXNCS07	5
50	± BXNCS08	2
63	± BXNCS09	1
12	± BXNPB02	25
16	• BXNPB03	25
20	• BXNPB04	25
25	• BXNPB05	10
32	• BXNPB06	5
40	• BXNPB07	5
50	± BXNPB08	2

- Normally held in stock with the manufacturer
- ± If not stock 6-8 weeks delivery
- \* Price and delivery status on application

## FLEXIBLE CONNECTOR TYPE KF-F TO IP67

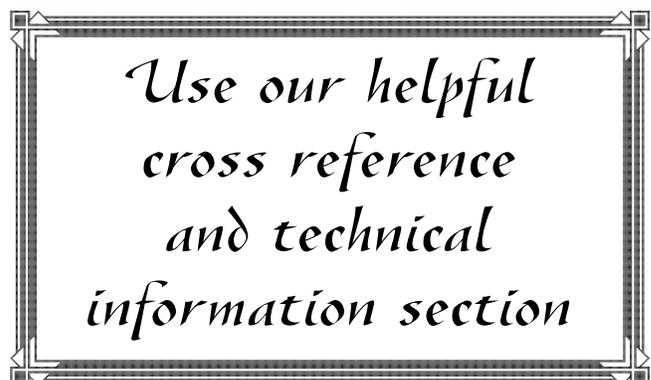
### Straight

Metal body with insulated throat.  
Provides earth continuity.



All connectors available with Grommets for cable entry.

British Conduit Size mm	US Trade Size ins	Metric mm	Code	Imp ins	Thread Types				Quantity of Units per Box	
					Code	Pg	Code	NPT ins		
16	3/8	16	• XQM0303	—	—	11	• XQP0303	—	—	25
16	3/8	20	• XQM0304	—	—	13.5	• XQP0304	1/2	• XQA0304	25
20	1/2	20	• XQM0404	—	—	16	• XQP0405	1/2	• XQA0404	25
25	3/4	25	• XQM0505	—	—	21	• XQP0506	3/4	• XQA0505	10
32	1	32	• XQM0606	—	—	29	• XQP0607	1	• XQA0606	5
40	1 1/4	40	• XQM0707	1 1/2	• XQE0707	36	• XQP0708	1 1/4	± XQA0707	5
50	1 1/2	50	• XQM0808	2	• XQE0808	42	• XQP0809	1 1/2	± XQA0808	2
63	2	63	± XQM0909	2 1/2	• XQE0909	48	• XQP0910	2	± XQA0909	1
16	3/8	16	• XRM0303	—	—	11	• XRP0303	—	—	10
16	3/8	20	• XRM0304	—	—	13.5	• XRP0304	1/2	• XRA0304	10
20	1/2	20	• XRM0404	—	—	16	• XRP0405	1/2	• XRA0404	10
25	3/4	25	• XRM0505	—	—	21	• XRP0506	3/4	• XRA0505	10
32	1	32	• XRM0606	—	—	29	• XRP0607	1	± XRA0606	5
40	1 1/4	40	± XRM0707	1 1/2	± XRE0707	36	• XRP0708	1 1/4	± XRA0707	5
50	1 1/2	50	± XRM0808	2	± XRE0808	42	• XRP0809	1 1/2	± XRA0808	2
63	2	63	± XRM0909	2 1/2	± XRE0909	48	• XRP0910	2	± XRA0909	1
16	3/8	16	• XSM0303	—	—	11	• XSP0303	—	—	10
16	3/8	20	• XSM0304	—	—	13.5	• XSP0304	1/2	• XSA0304	10
20	1/2	20	• XSM0404	—	—	16	• XSP0405	1/2	• XSA0404	10
25	3/4	25	• XSM0505	—	—	21	• XSP0506	3/4	• XSA0505	10
32	1	32	• XSM0606	—	—	29	• XSP0607	1	± XSA0606	5
40	1 1/4	40	± XSM0707	1 1/2	• XSE0707	36	• XSP0708	1 1/4	± XSA0707	5
50	1 1/2	50	± XSM0808	2	• XSE0808	42	• XSP0809	1 1/2	± XSA0808	2
63	2	63	± XSM0909	2 1/2	• XSE0909	48	• XSP0910	2	± XSA0909	1



## Liquidtight Conduit Fittings

### Ground-Tite® Grounding Liquidtight Connectors Type 4Q-L

#### Straight Connectors

##### Use:

Connects conduit and terminates bonding conductor run externally across liquidtight conduit.

##### Features:

- Positive grounding type
- Tapered threaded male hub NPT
- Grounding lug is cast as an integral part of malleable iron gland nut. Provides high ground fault withstand capability
- Compact, slim diameter with small turning radius
- Furnished with locknut and sealing ring
- Liquidtight/Raintight/Oiltight
- Suitable for grounding
- Long ferrule prevents pull-out and tight bend conduit "pop-out"

- Inspection windows in ferrule to ensure full engagement
- $\frac{3}{8}$ ",  $\frac{1}{2}$ ", and  $\frac{3}{4}$ " sizes supplied with our patented Ferrule Wrench which makes ferrule installation easy

##### Material/Finish:

Malleable Iron Body & Gland Nut  
Steel Ferrule/Zinc Plated

##### Optional Finish:

Available in Hot-Dip/Mechanically Galvanized. Minimum quantities required. Contact your local representative.

##### Third Party

##### Certification:

UL Listed: E-24264

CSA Certified: 9795

### Ground-Tite® Grounding Liquidtight Connectors

#### Type 4Q-L 45°

##### Use:

Connects conduit and terminates bonding conductor run externally across liquidtight conduit.

##### Features:

- Positive grounding type
- Tapered threaded male hub NPT
- Grounding lugh is cast as an integral part of malleable iron gland nut. Provides high ground fault withstand capability
- Compact, slim diameter with small turning radius
- Furnished with locknut and sealing ring
- Liquidtight/Raintight/Oiltight
- Suitable for grounding
- Long ferrule prevents pull-out and tight bend conduit "pop-out"

- Inspection windows in ferrule to ensure full engagement
- $\frac{3}{8}$ ",  $\frac{1}{2}$ ", and  $\frac{3}{4}$ " sizes supplied with our patented Ferrule Wrench which makes ferrule installation easy

##### Material/Finish:

Malleable Iron Body & Gland Nut  
Steel Ferrule/Zinc Plated

##### Optional Finish:

Available in Hot-Dip-Mechanically Galvanized. Minimum quantities required. Contact your representatives.

##### Third Party

##### Certification:

UL Listed: E-24264

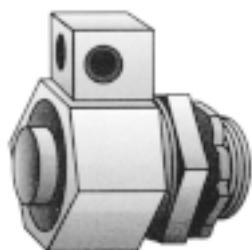
CSA Certified: 9795

Trade Size (inches)	Throat Catalog Number	Insulated Turning Catalog Number	Dimensions in Inches		
			Radius Gland Nut	Wire Size Min.	Wire Size Max.
$\frac{3}{8}$ (1/2 KO)	†4Q-38L	†4Q-38LT	$1\frac{1}{16}$	14	4
$\frac{1}{2}$	†4Q-50L	†4Q-50LT	$1\frac{3}{16}$	14	4
$\frac{3}{4}$	†4Q-75L	†4Q-75LT	$1\frac{5}{16}$	14	4
1	4Q-100L	4Q-100LT	$1\frac{7}{16}$	14	4
$1\frac{1}{4}$	4Q-125L	4Q-125LT	$1\frac{3}{4}$	6	1/0
$1\frac{1}{2}$	4Q-150L	4Q-150LT	$1\frac{7}{8}$	6	1/0
2	4Q-200L	4Q-200LT	$2\frac{3}{16}$	6	1/0
$2\frac{1}{2}$	4Q-250L	4Q-250LT	$2\frac{3}{4}$	1	4/0
3	4Q-300L	4Q-300LT	$3\frac{1}{16}$	1	4/0
$3\frac{1}{2}$	4Q-350L	4Q-350LT	$3\frac{3}{8}$	1	4/0
4	•4Q-400L	•4Q-400LT	$3\frac{5}{8}$	1	4/0
5	•4Q-500L	•4Q-500LT	$4\frac{3}{16}$	1	4/0
6	•4Q-600L	•4Q-600LT	$4\frac{3}{4}$	1	4/0

- UL Listing not applicable to these sizes.
- \*CSA Certification not applicable to this size.
- †Provided with Ferrule Wrench (1 per box)

Trade Size (inches)	Throat Catalog Number	Insulated Turning Catalog Number	Dimensions in Inches		
			Radius Gland Nut	Wire Size Min.	Wire Size Max.
$\frac{3}{8}$ (1/2 KO)	4Q-438L†	4Q-438LT†	$1\frac{1}{16}$	14	4
$\frac{1}{2}$	4Q-450L†	4Q-450LT†	$1\frac{3}{16}$	14	4
$\frac{3}{4}$	4Q-475L†	4Q-475LT†	$1\frac{5}{16}$	14	4
1	4Q-4100L	4Q-4100LT	$1\frac{7}{16}$	14	4
$1\frac{1}{4}$	4Q-4125L	4Q-4125LT	$1\frac{3}{4}$	6	1/0
$1\frac{1}{2}$	4Q-4150L	4Q-4150LT	$1\frac{7}{8}$	6	1/0
2	4Q-4200L	4Q-4200LT	$2\frac{3}{16}$	6	1/0
$2\frac{1}{2}$	4Q-4250L	4Q-4250LT	$2\frac{3}{4}$	1	4/0
3	4Q-4300L†	4Q-4300LT	$3\frac{1}{16}$	1	4/0
4	4Q-4400L•	4Q-4400LT•	$3\frac{5}{8}$	1	4/0
5	4Q-4500L•	4Q-4500LT•	$4\frac{3}{16}$	1	4/0

- UL Listing not applicable to these sizes.
- †Provided with Ferrule Wrench (1 per box)



Type 4Q-38L - Type 4Q-200L



Type 4Q-250L - Type 4Q-600L



Type 4Q-438L - Type 4Q-4200L



Type 4Q-4250L - Type 4Q-4500L

# Fittings

## O-Z/GEDNEY

### Liquidtight Fittings

#### Type 4Q Straight

##### Features:

- Tapered threaded male hub NPT
- Compact, slim diameter with small turning radius
- Furnished with locknut and sealing ring
- Liquidtight/Raintight/Oiltight
- Suitable for grounding (through 1<sup>1</sup>/<sub>4</sub>" )
- Suitable for wet locations
- Long ferrule prevents pullout and tight bend conduit "pop-out"
- Inspection windows in ferrule to ensure full engagement

- 3/8", 1/2", and 3/4" sizes supplied with our patented Ferrule Wrench which makes ferrule installation easy

**Material/Finish:**  
Malleable Iron/Zinc Plated Steel Ferrule/Zinc Plated

**Optional Finish:**  
Available Hot Dip/Mechanically Galvanized.  
See 4Q-TG Series in Catalog Section GC.

**Third Party Certification:**  
UL Listed: 11853

CSA Certified: 9795

#### Type 4Q 45° & 90°

##### Features:

- Tapered threaded male hub NPT
- Compact, slim diameter with small turning radius.
- Furnished with locknut and sealing ring.
- Liquidtight/Raintight/Oiltight.
- Suitable for grounding (through 1<sup>1</sup>/<sub>4</sub>" ).
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.

- 3/8", 1/2", and 3/4" sizes supplied with our patented Ferrule Wrench which makes ferrule installation easy

**Material/Finish:**  
Malleable Iron/Zinc Plated Steel Ferrule/Zinc Plated  
**Optional Finish:**  
Available in Hot-Dip/Mechanically Galvanized.  
See "4Q-TG" Series in Catalog Section GC.

**Third Party Certification:**  
UL Listed: 11853  
CSA Certified: 9795

Trade Size (inches)	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2KO)	4Q-38†	4Q-38T†
1/2	4Q-50†	4Q-50T†
3/4	4Q-75†	4Q-75T†
1	4Q-100	4Q-100T
1 1/4	4Q-125	4Q-125T
1 1/2	4Q-150	4Q-150T
2	4Q-200	4Q-200T
2 1/2	4Q-250	4Q-250T
3	4Q-300	4Q-300T
3 1/2	4Q-350	4Q-350T
4	4Q-400	4Q-400T
5	4Q-500•	4Q-500T•
6	4Q-600•*	4Q-600T•*

- UL Listing not applicable to these sizes.
- \* CSA Certification not applicable to these sizes.
- † Provided with Ferrule Wrench (1 per box)



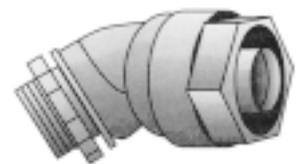
Type 4Q-38 - Type 4Q-200



Type 4Q-250 - Type 4Q-600

Trade Size (inches)	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2KO)	4Q-438†	4Q-438T†
1/2	4Q-450†	4Q-450T†
3/4	4Q-475†	4Q-475T†
1	4Q-4100	4Q-4100T
1 1/4	4Q-4125	4Q-4125T
1 1/2	4Q-4150	4Q-4150T
2	4Q-4200	4Q-4200T
2 1/4	4Q-4250	4Q-4250T
3	4Q-4300	4Q-4300T
4	4Q-4400	4Q-4400T
5	4Q-4500*	4Q-4500T*

- UL Listing not applicable to these sizes.
- † Provided with Ferrule Wrench (1 per box)



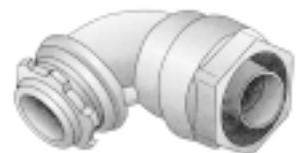
Type 4Q-438 - Type 4Q-4200



Type 4Q-4250 - Type 4Q-4500

Trade Size (inches)	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2KO)	4Q-938†	4Q-938T†
1/2	4Q-950†	4Q-950T†
3/4	4Q-975†	4Q-975T†
1	4Q-9100	4Q-9100T
1 1/4	4Q-9125	4Q-9125T
1 1/2	4Q-9150	4Q-9150T
2	4Q-9200	4Q-9200T
2 1/2	4Q-9250	4Q-9250T
3	4Q-9300	4Q-9300T
4	4Q-9400	4Q-9400T
5	4Q-9500*	4Q-9500T*

- UL Listing not applicable to these sizes.
- † Provided with Ferrule Wrench (1 per box)



Type 4Q-938 - Type 4Q-9200



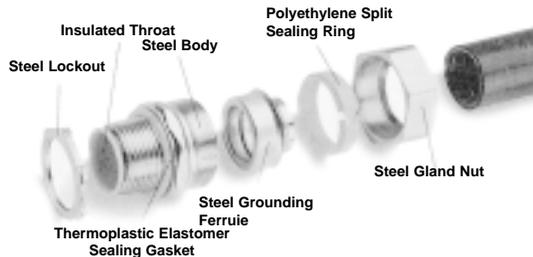
Type 4Q-9250 - Type 4Q-9500

# Fittings

## CROUSE-HINDS

### Liquidtight Conduit Fittings

#### LIQUIDATOR™ LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT FITTINGS



#### Applications:

Typical applications for liquidtight conduit and the Liquidator include the wiring of machine tools... motors... transformers... food processing equipment... robotics... air conditioning units... illuminated store front signs and billboards... etc. The flexible metallic conduit and fittings protect conductors from mechanical damage due to vibration and movement and seals out cutting oils, coolants, water, dust, etc.

Applications such as these can be found in, but are not limited to, industries such as:

- machine tool manufacturers.
- electric power generating plants.
- waste treatment facilities.
- paint manufacturing facilities.
- automobile manufacturing facilities.
- aerospace industries.
- breweries.
- food processing plants.

- dairies.
- pulp and paper mills.
- petroleum refineries.
- chemical and petrochemical plants.

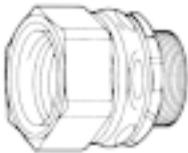
#### Standard Materials:

- Body – Straight: 3/8" through 2" – steel;  
2 1/2" through 6" – malleable iron;  
45° and 90°: 3/8" through 4" – malleable iron;
- Gland nut – 3/8" through 2" – steel;  
2 1/2" through 6" – malleable iron;
- Ferrule – 3/8" through 4" – steel;  
5" through 6" – die cast (zamac)
- Gland nut sealing ring – polyethylene
- Sealing gasket – thermoplastic elastomer
- Locknut – steel

#### Standard Finishes:

- Steel and malleable iron – zinc electroplate
- Polyethylene, thermoplastic elastomer, and die cast – natural

#### Straight Connectors-Non-insulated



Catalog Number	Conduit Size	Unit Quantity	Weight Lbs. Per 100
LT-38	3/8"	25	18
LT-50	1/2"	25	20
LT-75	3/4"	25	26
LT-100	1"	5	45
LT-125	1 1/4"	5	69
LT-150	1 1/2"	2	85
LT-200	2"	1	120
LT-250	2 1/2"	1	340
LT-300	3"	1	430
LT-350	3 1/2"	1	510
LT-400	4"	1	600
LT-500†	5"	1	800
LT-600†	6"	1	1075

† Not UL Listed or CSA Certified

#### Straight Connectors-Insulated



LTB-38	3/8"	25	18
LTB-50	1/2"	25	20
LTB-75	3/4"	25	26
LTB-100	1"	5	45
LTB-125	1 1/4"	5	69
LTB-150	1 1/2"	2	86
LTB-200	2"	1	120
LTB-250	2 1/2"	1	340
LTB-300	3"	1	430
LTB-350	3 1/2"	1	510
LTB-400	4"	1	600
LTB-500†	5"	1	800
LTB-600†	6"	1	1075

† Not UL Listed or CSA Certified



#### 45° Angle Connectors – Non-insulated

Catalog Number	Conduit Size	Unit Quantity	Weight Lbs. Per 100
LT-3845	3/8"	25	27
LT-5045	1/2"	25	29
LT-7545	3/4"	10	41
LT-10045	1"	10	70
LT-12545	1 1/4"	5	93
LT-15045	1 1/2"	2	137
LT-20045	2"	1	199
LT-25045	2 1/2"	1	600
LT-30045	3"	1	925
LT-35045	3 1/2"	1	1150
LT-40045	4"	1	1450



#### 45° Angle Connectors – Insulated

LTB-3845	3/8"	25	27
LTB-5045	1/2"	25	29
LTB-7545	3/4"	10	41
LTB-10045	1"	10	70
LTB-12545	1 1/4"	5	93
LTB-15045	1 1/2"	2	137
LTB-20045	2"	1	195
LTB-25045	2 1/2"	1	600
LTB-30045	3"	1	925
LTB-35045	3 1/2"	1	1150
LTB-40045	4"	1	1450



#### 90° Angle Connectors – Non-insulated

LT-3890	3/8"	25	31
LT-5090	1/2"	25	33
LT-7590	3/4"	10	48
LT-10090	1"	10	76
LT-12590	1 1/4"	5	112
LT-15090	1 1/2"	2	155
LT-20090	2"	1	230
LT-25090	2 1/2"	1	900
LT-30090	3"	1	1383
LT-35090	3 1/2"	1	1875
LT-40090	4"	1	2325



#### 90° Angle Connectors – Insulated

LTB-3890	3/8"	25	30
LTB-5090	1/2"	25	33
LTB-7590	3/4"	10	48
LTB-10090	1"	10	76
LTB-12590	1 1/4"	5	112
LTB-15090	1 1/2"	2	155
LTB-20090	2"	1	230
LTB-25090	2 1/2"	1	900
LTB-30090	3"	1	1380
LTB-35090	3 1/2"	1	1825
LTB-40090	4"	1	2325

#### Applications:

Lazy-Lug liquidtight conduit fittings provide an easy, versatile method to use an external grounding conductor with liquidtight flexible metallic conduit as permitted by the National Electrical Code Section 250-79(e). This section allows an external bonding jumper to be used with a 6-foot

or shorter length of liquidtight conduit.

#### Features/Benefits:

- Open lug design allows installer to quickly lay in the grounding conductor.
- Aluminum lug – for copper or aluminum grounding conductors.
- Copper lug – for copper grounding conductors.

# Fittings

## CROUSE-HINDS



### Straight Connectors – Non-insulated – Aluminum Lug

Catalog Number	Conduit Size	Lug Size	Unit Quantity	Weight Lbs. Per 100
LT38G	3/8"	#4 - #14	25	18
LT50G	1/2"	#4 - #14	25	20
LT75G	3/4"	#4 - #14	25	26
LT100G	1"	#4 - #14	5	45
LT125G	1 1/4"	#4 - #14	5	69
LT150G	1 1/2"	#4 - #14	2	85
LT200G	2"	#4 - #14	1	120
LT250G	2 1/2"	#1/0 - #8	1	340
LT300G	3"	#1/0 - #8	1	430
LT350G	3 1/2"	#3/0 - #6	1	510
LT400G	4"	#3/0 - #6	1	600
LT500G†	5"	250MCM - #6	1	800
LT600G†	6"	250MCM - #6	1	1100



### Straight Connectors – Insulated – Aluminum Lug

LTB38G	3/8"	#4 - #14	25	18
LTB50G	1/2"	#4 - #14	25	20
LTB75G	3/4"	#4 - #14	25	26
LTB100G	1"	#4 - #14	5	45
LTB125G	1 1/4"	#4 - #14	5	69
LTB150G	1 1/2"	#4 - #14	2	86
LTB200G	2"	#4 - #14	1	120
LTB250G	2 1/2"	#1/0 - #8	1	340
LTB300G	3"	#1/0 - #8	1	430
LTB350G	3 1/2"	#3/0 - #6	1	510
LTB400G	4"	#3/0 - #6	1	600
LTB500G†	5"	250MCM - #6	1	720
LTB600G†	6"	250MCM - #6	1	750

† Not UL Listed



### 90° Angle Connectors – Non-insulated – Aluminum Lug

Catalog Number	Conduit Size	Lug Size	Unit Quantity	Weight Lbs. Per 100
LT3890G	3/8"	#4 - #14	25	32
LT5090G	1/2"	#4 - #14	25	33
LT7590G	3/4"	#4 - #14	10	48
LT10090G	1"	#4 - #14	10	76
LT12590G	1 1/4"	#4 - #14	5	112
LT15090G	1 1/2"	#4 - #14	2	155
LT20090G	2"	#4 - #14	1	230
LT25090G	2 1/2"	#1/0 - #8	1	900
LT30090G	3"	#1/0 - #8	1	1383
LT35090G	3 1/2"	#3/0 - #6	1	1875
LT40090G	4"	#3/0 - #6	1	2325



### 90° Angle Connectors – Insulated – Aluminum Lug

LTB3890G	3/8"	#4 - #14	25	30
LTB5090G	1/2"	#4 - #14	25	33
LTB7590G	3/4"	#4 - #14	10	48
LTB10090G	1"	#4 - #14	10	76
LTB12590G	1 1/4"	#4 - #14	5	112
LTB15090G	1 1/2"	#4 - #14	2	155
LTB20090G	2"	#4 - #14	1	230
LTB25090G	2 1/2"	#1/0 - #8	1	900
LTB30090G	3"	#1/0 - #8	1	1300
LTB35090G	3 1/2"	#3/0 - #6	1	1800
LTB40090G	4"	#3/0 - #6	1	2300



### Straight Connectors – Insulated – Copper Lug

LTB38GC	3/8"	#4 - #14	25	20
LTB50GC	1/2"	#4 - #14	25	22
LTB75GC	3/4"	#4 - #14	25	28
LTB100GC	1"	#4 - #14	5	47
LTB125GC	1 1/4"	#4 - #14	5	71
LTB150G	1 1/2"	#4 - #14	2	88
LTB200GC	2"	#4 - #14	1	122
LTB250GC	2 1/2"	#1/0 - #8	1	351
LTB300GC	3"	#1/0 - #8	1	441
LTB350GC	3 1/2"	#3/0 - #6	1	532
LTB400GC	4"	#3/0 - #6	1	622



### 45° Angle Connectors – Insulated – Copper Lug

LTB3845GC	3/8"	#4 - #14	25	31
LTB5045GC	1/2"	#4 - #14	25	43
LTB7545GC	3/4"	#4 - #14	10	43
LTB10045GC	1"	#4 - #14	10	72
LTB12545GC	1 1/4"	#4 - #14	5	95
LTB15045GC	1 1/2"	#4 - #14	2	139
LTB20045GC	2"	#4 - #14	1	197
LTB25045GC	2 1/2"	#1/0 - #8	1	611
LTB30045GC	3"	#1/0 - #8	1	936
LTB35045GC	3 1/2"	#3/0 - #6	1	1172
LTB40045GC	4"	#3/0 - #6	1	1472



### 90° Angle Connectors – Insulated – Copper Lug

LTB3890GC	3/8"	#4 - #14	25	32
LTB5090GC	1/2"	#4 - #14	25	35
LTB7590GC	3/4"	#4 - #14	10	50
LTB10090GC	1"	#4 - #14	10	78
LTB12590GC	1 1/4"	#4 - #14	5	114
LTB15090GC	1 1/2"	#4 - #14	2	157
LTB20090GC	2"	#4 - #14	1	232
LTB25090GC	2 1/2"	#1/0 - #8	1	911
LTB30090GC	3"	#1/0 - #8	1	1311
LTB35090GC	3 1/2"	#3/0 - #6	1	1822
LTB40090GC	4"	#3/0 - #6	1	2322

Note: For other connector and lug combinations, consult factory.

## lazylug® GROUNDING TYPE LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT FITTINGS



### 45° Angle Connectors – Non-insulated – Aluminum Lug

Catalog Number	Conduit Size	Lug Size	Unit Quantity	Weight Lbs. Per 100
LT3845G	3/8"	#4 - #14	25	27
LT5045G	1/2"	#4 - #14	25	29
LT7545G	3/4"	#4 - #14	10	41
LT10045G	1"	#4 - #14	10	70
LT12545G	1 1/4"	#4 - #14	5	93
LT15045G	1 1/2"	#4 - #14	2	137
LT20045G	2"	#4 - #14	1	199
LT25045G	2 1/2"	#1/0 - #8	1	600
LT30045G	3"	#1/0 - #8	1	925
LT35045G	3 1/2"	#3/0 - #6	1	1150
LT40045G	4"	#3/0 - #6	1	1450



### 45° Angle Connectors – Insulated – Aluminum Lug

LTB3845G	3/8"	#4 - #14	29	29
LTB5045G	1/2"	#4 - #14	41	29
LTB7545G	3/4"	#4 - #14	10	41
LTB10045G	1"	#4 - #14	10	70
LTB12545G	1 1/4"	#4 - #14	5	93
LTB15045G	1 1/2"	#4 - #14	2	137
LTB20045G	2"	#4 - #14	1	195
LTB25045G	2 1/2"	#1/0 - #8	1	600
LTB30045G	3"	#1/0 - #8	1	925
LTB35045G	3 1/2"	#3/0 - #6	1	1150
LTB40045G	4"	#3/0 - #6	1	1450

# Fittings

## ELECTROLINE

### LIQUID TIGHT

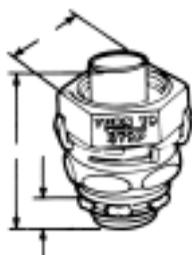
#### Fittings for Liquid Tight

##### Straight Liquid Tight Connectors

###### One-Piece Type

Die Cast Zinc

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



Catalog Number	UPC/NAED Mfg# 023386	Trade Size (in)	Weight Per 100
LTC 38A	62003	3/4†	20
LTC 50A	62005	1/2	17
LTC 75	62007	3/4	25
LTC 100	62010	1	44
LTC 125	62012	1 1/4	67
LTC 150	62015	1 1/2	92
LTC 200	62020	2	140
LTC 250	62025	2 1/2	221
LTC 300	62030	3	284
LTC 350	62035	3 1/2	360
LTC 400	62040	4	411

##### With Insulated Throat

ILTC 38	96203	3/4†	20
ILTC 50	96205	1/2	17
ILTC 75	96207	3/4	25
ILTC 100	96210	1	44
ILTC 125	96212	1 1/4	67
ILTC 150	96215	1 1/2	92
ILTC 200	96220	2	140
ILTC 250	96225	2 1/2	221
ILTC 300	96230	3	284
ILTC 350	96235	3 1/2	360
ILTC 400	96240	4	411

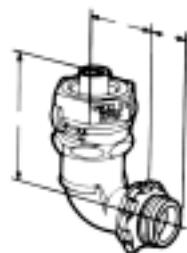
† 1/2" KO

##### 90° Liquid Tight Connectors

###### One-Piece Type

Die Cast Zinc

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



Catalog Number	UPC/NAED Mfg# 023386	Trade Size (in)	Weight Per 100
LTC 38-90A	62903	3/4†	30
LTC 50-90A	62905	1/2	27
LTC 75-90	62907	3/4	39
LTC 100-90	62910	1	66
LTC 125-90	62912	1 1/4	105
LTC 150-90	62915	1 1/2	129
LTC 200-90	62920	2	198
LTC 250-90	62925	2 1/2	363
LTC 300-90	62930	3	483
LTC 350-90	62935	3 1/2	592
LTC 400-90	62940	4	723

##### With Insulated Throat

ILTC 38-90	96903	3/4†	30
ILTC 50-90	96905	1/2	27
ILTC 75-90	96907	3/4	39
ILTC 100-90	96910	1	66
ILTC 125-90	96912	1 1/4	105
ILTC 150-90	96915	1 1/2	129
ILTC 200-90	96920	2	198
ILTC 250-90	96925	2 1/2	363
ILTC 300-90	96930	3	483
ILTC 350-90	96935	3 1/2	592
ILTC 400-90	96940	4	723

† 1/2" KO

##### 45° Liquid Tight Connectors

###### One-Piece Type

Die Cast Zinc

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



Catalog Number	UPC/NAED Mfg# 023386	Trade Size (in)	Weight Per 100
LTC 38-45	62403	3/8†	28
LTC 50-45	62405	1/2	25
LTC 75-45	62407	3/4	36
LTC 100-45	62410	1	59
LTC 125-45	62412	1 1/4	88
LTC 150-45	62415	1 1/2	119
LTC 200-45	62420	2	183
LTC 250-45	62425	2 1/2	323
LTC 300-45	62430	3	413
LTC 350-45	62435	3 1/2	518
LTC 400-45	62440	4	629

##### With Insulated Throat

ILTC 38-45	96403	3/8†	28
ILTC 50-45	96405	1/2	25
ILTC 75-45	96407	3/4	36
ILTC 100-45	96410	1	59
ILTC 125-45	96412	1 1/4	88
ILTC 150-45	96415	1 1/2	119
ILTC 200-45	96420	2	183
ILTC 250-45	96425	2 1/2	323
ILTC 300-45	96430	3	413
ILTC 350-45	96435	3 1/2	518
ILTC 400-45	96440	4	629

† 1/2" KO

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## Conduit Fittings

suitable for SASO & BS rigid conduit



### Couplings

	Size mm	Packed
ESC/1	16	100
ESC/2	20	100
ESC/3	25	50
ESC/4	32	50
ESC/5	38	25
ESC/6	50	20

### Expansion Couplings

	Size mm	Packed
EEC/1	16	50
EEC/2	20	50
EEC/3	25	25
EEC/4	32	10
EEC/5	38	10
EEC/6	50	10

### Adaptors

Male Thread	Size mm	Packed
EMA/1	16	100
EMA/2	20	100
EMA/3	25	50
EMA/4	32	25
EMA/5	38	25
EMA/6	50	10

Female Thread	Size mm	Packed
EFA/2	20	100
EFA/3	25	50
EFA/4	32	25
EFA/5	38	25
EFA/6	50	10

### Spacer Bar Saddles

	Size mm	Packed
ESB/1	16	100
ESB/2	20	100
ESB/3	25	75
ESB/4	32	50
ESB/5	38	25
ESB/6	50	25

### Strap Saddles

	Size mm	Packed
ES/1	16	100
ES/2	20	100
ES/3	25	100
ES/4	32	100
ES/5	38	50
ES/6	50	50

### Male Bushes

	Size mm	Packed
SMB/1	16	100
SMB/2	20	500
SMB/3	25	250
SMB/4	32	100
SMB/5	38	50
SMB/6	50	25

### Lockrings

	Size mm	Packed
ECL/2	20	500
ECL/3	25	250
ECL/4	32	50
ECL/5	38	25
ECL/6	50	25

### Bends

	Size mm	Packed
ENB/1	16	30
ENB/2	20	30
ENB/3	25	20
ENB/4	32	4
ENB/5	38	2
ENB/6	50	2

### Circular Boxes

	Size mm	Packed
2 ECR 13 Loop in	20	25
2 ECR 2 one way terminal	20	25
3 ECR 2 one way terminal	25	25
2 ECR 3 two way through	20	25
3 ECR 3 two way through	25	25
2 ECR 4 two way angle	20	25
3 ECR 4 two way angle	25	25
2 ECR 5 three way tee	20	25
3 ECR 5 three way tee	25	25
2 ECR 6 four way intersection	20	20
3 ECR 6 four way intersection	25	20

All circular boxes are available with extended lugs for the support of heavy loads. For full range details please refer to MK Cable Management Catalogue.

## PVC CODUIT BOX

### BOXES



**CIRCULAR BOXES**

CAT#	SIZE
2/ECR/13	20mm LOOP-IN



**TERMINAL BOXES**

CAT#	SIZE
2/ECR/2	20mm ONE WAY
3/ECR/2	25mm ONE WAY



**THROUGH BOXES**

CAT#	SIZE
2/ECR/3	20mm TWO WAY
3/ECR/3	25mm TWO WAY



**ANGLE BOXES**

CAT#	SIZE
2/ECR/4	20mm TWO WAY
3/ECR/4	25mm TWO WAY



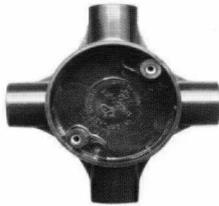
**BRANCH BOXES**

CAT#	SIZE
2/ECR/17	20mm TWO WAY
3/ECR/17	25mm TWO WAY



**TEE BOXES**

CAT#	SIZE
2/ECR/5	20mm THREE WAY
3/ECR/5	25mm THREE WAY



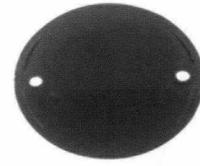
**INTERSECTION BOXES**

CAT#	SIZE
2/ECR/6	20mm FOUR WAY
3/ECR/6	25mm FOUR WAY



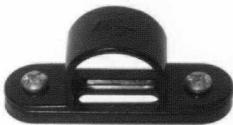
**THROUGH BOXES**

CAT#	SIZE
2/ECR/19	20mm FOUR WAY
3/ECR/19	25mm FOUR WAY



**CIRCULAR LIDS**

CAT#	SIZE
EL/3	60mm DIA



**SPACER BAR  
SADDLES W/BASE**

CAT#	SIZE
ESB/2	20mm
ESB/3	25mm



**ST · COUPLER**

CAT#	SIZE
ESC/2	20mm
ESC/3	25mm



**FEMALE ADAPTOR**

CAT#	SIZE
EFA/2	20mm
EFA/3	25mm

### JUNCTION BOX



CAT#	INTERNAL SIZE	INCH
MAB/3	100x100x50mm	4"x4"x2"
MAB/4	100x100x75mm	4"x4"x3"
MAB/7	150x150x75mm	6"x6"x3"
MAB/8	225x225x75mm	9"x9"x3"