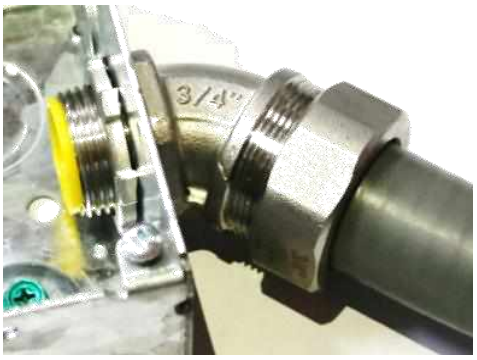
Liquidtight Conduit Fittings

Liquidtight LT Series Plain Throat and LTI Series Insulated Throat Connectors

LT and LTI series liquidtight connectors are used to connect metallic liquidtight conduit (type B) to box or enclosure.The total product line offers reliable and durable connection which will stand up to corrosive and wet locations.



Features

- LT Series has plain throat
- LTI Series has insulated throat.
- Standard NPT male thread and Metric thread optional
- Various standard materials and trade sizes available.
- Hex surface on gland nut for easy wrenching to save installation time.
- Thermoplastic sealing rings seals out cutting oil, coolants, water and dust.
- Locknut bites into box to protect from vibrate loose.
- Cupped long ferrule with maximum contact surface provides metal to metal contact with conduits for safe grounding.
- 105℃ temperature rating for throat insulator

Compliances and Certifications

- UL File No. E307843
- UL-514B
- Ingress Rating: UL and cUL Listed for Liquidtight, Suitable for use in locations as specified in NEC class I division 2, class II division 1 & 2, class III Division 1 & 2 per NEC-2014 501.10(B)

Selection Chart

Series	Trade Size	Configurations	Non-Insulated	Insulated
Zinc Die Cast	3/8"- 4"	Straight, 90°	√	√
Malleable Iron	3/8"- 4"	Straight	√	√
	5" & 6" #		√	√
	3/8"- 4"	45°	√	√
	3/8"- 4"	90°	√	√
	5" #		√	√
Steel	3/8"- 2"	Straight, 45°, 90°	√	√
Stainless Steel	3/8"- 2"	Straight, 45°, 90°		√

#: UL is not applicable as 5" and 6" LFMC is not UL recognized

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Liquidtight LT Series Plain Throat and LTI Series Insulated Throat Connectors

LT-M & LTI-M Series - Malleable Iron

LT-M/LTI-M

	Catalog Number				Dimensions in inches/Millimeters						
	Non-Insulated	Insulated	Size	K.O. Size	A Inch	A mm	B Inch	B mm	C Inch	C mm	NPT Thread Length mm
Straight	LT-38M	LTI-38M	3/8"	1/2"	1.18	30.0	1.72	43.7	-	-	13.45
	LT-50M	LTI-50M	1/2"	1/2"	1.36	34.5	7.73	196.3	-	-	13.45
	LT-75M	LTI-75M	3/4"	3/4"	1.61	40.9	1.81	46.0	-	-	14.75
	LT-100M	LTI-100M	1"	1"	1.89	48.0	1.85	47.0	-	-	16.74
	LT-125M	LTI-125M	1-1/4"	1-1/4"	2.39	60.7	2.06	52.3	-	-	16.9
	LT-150M	LTI-150M	1-1/2"	1-1/2"	2.62	66.5	3.38	85.9	-	-	17.5
	LT-200M	LTI-200M	2"	2"	3.24	82.3	2.49	63.2	-	-	18.1
	LT-250M	LTI-250M	2-1/2"	2-1/2"	3.89	98.8	3.21	81.5	-	-	26.38
	LT-300M	LTI-300M	3"	3"	4.74	120.4	3.37	85.6	-	-	27.6
	LT-350M	LTI-350M	3-1/2"	3-1/2"	5.31	134.9	3.40	86.4	-	-	28.15
	LT-400M	LTI-400M	4"	4"	5.82	147.8	3.68	93.5	-	-	28.5
	LT-500M*	LTI-500M*	5"	5"	6.97	177.0	4.07	103.4	-	-	34
	LT-600M*	LTI-600M*	6"	6"	8.11	206.0	4.3	109.7	-	-	34.0
45°	LT45-38M	LTI45-38M	3/8"	1/2"	1.18	30.0	1.39	35.3	2.51	63.8	13.5
	LT45-50M	LTI45-50M	1/2"	1/2"	1.36	34.5	1.50	38.1	2.51	63.8	13.5
	LT45-75M	LTI45-75M	3/4"	3/4"	1.61	40.9	1.73	43.9	2.70	68.6	14.8
	LT45-100M	LTI45-100M	1"	1"	1.89	48.0	2.11	53.6	3.05	77.5	16.7
	LT45-125M	LTI45-125M	1-1/4"	1-1/4"	2.39	60.7	2.56	65.0	3.65	92.7	16.9
	LT45-150M	LTI45-150M	1-1/2"	1-1/2"	2.62	66.5	2.77	70.4	4.01	101.9	17.5
	LT45-200M	LTI45-200M	2"	2"	3.24	82.3	3.38	85.9	4.01	101.9	18.1
	LT45-250M	LTI45-250M	2-1/2"	2-1/2"	3.89	98.8	4.68	118.9	4.64	117.9	26.4
	LT45-300M	LTI45-300M	3"	3"	4.74	120.4	5.33	135.4	7.01	178.1	27.6
	LT45-350M	LTI45-350M	3-1/2"	3-1/2"	5.31	134.9	5.81	147.6	7.33	186.2	29.4
	LT45-400M	LTI45-400M	4"	4"	5.82	147.8	6.42	163.1	8.20	208.3	29.35
90°	LT90-38M	LTI90-38M	3/8"	1/2"	1.18	30.0	1.96	49.8	2.47	62.7	13.5
	LT90-50M	LTI90-50M	1/2"	1/2"	1.36	34.5	2.10	53.3	2.54	64.5	13.5
	LT90-75M	LTI90-75M	3/4"	3/4"	1.61	40.9	2.45	62.2	2.82	71.6	14.8
	LT90-100M	LTI90-100M	1"	1"	1.89	48.0	2.83	71.9	3.08	78.2	16.7
	LT90-125M	LTI90-125M	1-1/4"	1-1/4"	2.39	60.7	3.15	80.0	3.53	89.7	16.9
	LT90-150M	LTI90-150M	1-1/2"	1-1/2"	2.62	66.5	3.50	88.9	4.17	105.9	17.5
	LT90-200M	LTI90-200M	2"	2"	3.24	82.3	4.02	102.1	4.69	119.1	18.1
	LT90-250M	LTI90-250M	2-1/2"	2-1/2"	3.89	98.8	6.23	158.2	6.74	171.2	26.4
	LT90-300M	LTI90-300M	3"	3"	4.74	120.4	6.91	175.5	7.52	191.0	27.6
	LT90-350M	LTI90-350M	3-1/2"	3-1/2"	5.31	134.9	7.57	192.3	7.93	201.4	28.2
	LT90-400M	LTI90-400M	4"	4"	5.82	147.8	8.07	205.0	8.72	221.5	29.0
	LT90-500M*	LTI90-500M*	5"	5"	6.97	17.0	16.95	430.5	17.19	436.6	34

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