

# Liquidtight fittings

## LTK low profile conduit fittings

### Applications:

- Flexible metallic liquidtight conduit used with liquidtight fittings is designed to protect conductors from mechanical damage due to vibration and movement while sealing out cutting oils, coolants, water, dust, etc.
- Typical applications include the wiring of machine tools, motors, transformers, food processing equipment, robotics, air conditioning units, illuminated signs, etc.
- LTK low profile liquidtight fittings are designed specifically for OEM applications that require close side-by-side mounting of multiple liquidtight fittings in tight spaces

### Certifications and compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
  - Class I, Division 2;
  - Class II, Divisions 1 & 2; and
  - Class III, Divisions 1 & 2;
  - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Liquidtight

### Standard materials:

- Body – straight: steel
  - 45°: malleable iron
  - 90°: malleable iron
- Gland nut – steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – steel

### Standard finishes:

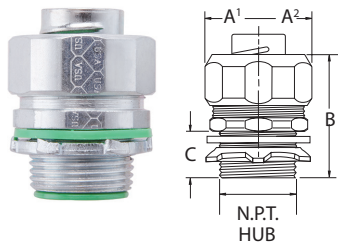
- Steel – zinc electroplate
- Malleable iron – zinc electroplate

### Replacement ferrules



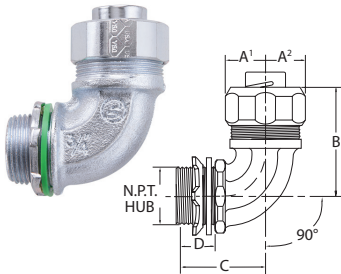
Trade size	Cat. #	Trade size	Cat. #
3/8"	LTKF38	1 1/4"	LTKF125
1/2"	LTKF50	1 1/2"	LTKF150
3/4"	LTKF75	2"	LTKF200
1"	LTKF100		

### Straight connectors – steel



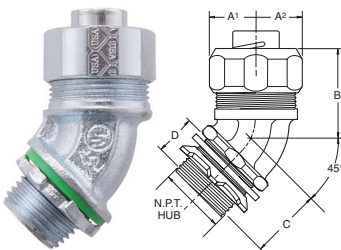
Trade size	Cat. # Non-insulated	Cat. # Insulated	Unit qty.	Wt. lbs. per 100	Over round corner A'	Hex A <sup>2</sup>	B	C
3/8"	LTK38	LTK38	25	11	1.094	1.031	1.188	0.594
1/2"	LTK50	LTK50	25	13	1.188	1.125	1.688	0.594
3/4"	LTK75	LTK75	10	19	1.438	1.375	1.438	0.594
1"	LTK100	LTK100	5	30	1.750	1.688	1.625	0.656
1 1/4"	LTK125	LTK125	5	45	2.156	2.063	1.844	0.672
1 1/2"	LTK150	LTK150	2	62	2.375	2.281	2.000	0.719
2"	LTK200	LTK200	2	83	2.875	2.781	2.125	0.719

### 90° angle connectors – malleable iron



Trade size	Cat. # Non-insulated	Cat. # Insulated	Unit qty.	Wt. lbs. per 100	Over round corner A'	Hex A <sup>2</sup>	B	C	D
3/8"	LTK3890	LTK3890	10	20	1.094	1.031	1.594	1.250	0.563
1/2"	LTK5090	LTK5090	10	23	1.188	1.125	1.656	1.250	0.563
3/4"	LTK7590	LTK7590	5	31	1.438	1.375	1.781	1.531	0.563
1"	LTK10090	LTK10090	5	68	1.750	1.688	2.188	1.844	0.656
1 1/4"	LTK12590	LTK12590	2	82	2.156	2.063	2.375	1.938	0.688
1 1/2"	LTK15090	LTK15090	1	105	2.375	2.281	2.625	2.094	0.719
2"	LTK20090	LTK20090	1	180	2.875	2.781	3.063	2.406	0.719

### 45° angle connectors – malleable iron



Trade size	Cat. # Non-insulated	Cat. # Insulated	Unit qty.	Wt. lbs. per 100	Over round corner A'	Hex A <sup>2</sup>	B	C	D
3/8"	LTK3845	LTK3845	10	21	1.094	1.031	1.219	1.031	0.594
1/2"	LTK5045	LTK5045	10	20	1.188	1.031	1.313	1.031	0.594
3/4"	LTK7545	LTK7545	10	30	1.438	1.375	1.375	1.125	0.406
1"	LTK10045	LTK10045	5	68	1.750	1.688	1.656	1.250	0.656
1 1/4"	LTK12545	LTK12545	5	73	2.156	2.063	1.719	1.344	0.688
1 1/2"	LTK15045	LTK15045	2	105	2.375	2.281	2.000	1.469	0.719
2"	LTK20045	LTK20045	1	150	2.875	2.781	2.281	1.625	0.719