

# 4QS Straight, 45° and 90° Steel Liquidtight Fittings

NEC/CEC— Suitable for use in the following Governed Locations:  
 Class I, Division 2 per NEC 501.10(B)(4)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 2 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

NEC/CEC— Suitable for use in the following Governed Locations:  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)

## Application

- 4QS liquidtight connectors and liquidtight flexible metallic conduit are used in applications where conditions of installation, operation or maintenance require flexibility or protection from liquids, vapors or solids such as: machine tool building, motor and transformer terminations, robotics assembly, air conditioning equipment installation and Class I, Division 2 wiring.

## Features

- Tapered threaded male NPT hub.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and sealing ring.
- Liquidtight/Raintight/Oiltight.
- UL Listed liquidtight flexible metal conduit fittings from 3/8" thru 1-1/4" trade sizes are suitable for grounding per NEC 250.118(7).
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Reusable ferrule.

## Standard Material/Finish

- 3/8" thru 1": Straight type steel/zinc plated
- 1-1/4" thru 4": Straight type malleable iron zinc plated
- 45° and 90° Type: Malleable iron zinc plated (all sizes)
- Compression nut: steel/zinc plated (all types and sizes)
- Ferrule: steel/zinc plated
- Sealing ring: nylon

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: 11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 009795
- NEMA: FB-1

## Related Products

- Bonding locknuts are recommended in hazardous locations

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	A	B	C	D		
<b>Straight Type 4QS-38 — Type 4QS-400</b>						
3/8 (1/2 KO)	31.0 (1.22)	38.1 (1.50)	13.7 (0.54)	—	<b>4QS-38</b>	<b>4QS-38T</b>
1/2	34.5 (1.36)	39.6 (1.56)	13.7 (0.54)	—	<b>4QS-50</b>	<b>4QS-50T</b>
3/4	41.2 (1.62)	40.6 (1.60)	15.2 (0.60)	—	<b>4QS-75</b>	<b>4QS-75T</b>
1	48.3 (1.90)	46.7 (1.84)	16.8 (0.66)	—	<b>4QS-100</b>	<b>4QS-100T</b>
1-1/4	62.5 (2.46)	47.8 (1.88)	18.8 (0.74)	—	<b>4QS-125</b>	<b>4QS-125T</b>
1-1/2	69.1 (2.72)	52.8 (2.08)	19.3 (0.76)	—	<b>4QS-150</b>	<b>4QS-150T</b>
2	88.4 (3.48)	58.9 (2.32)	19.3 (0.76)	—	<b>4QS-200</b>	<b>4QS-200T</b>
2-1/2	97.0 (3.82)	86.1 (3.39)	25.9 (1.02)	—	<b>4QS-250</b>	<b>4QS-250T</b>
3	116.1 (4.57)	97.0 (3.82)	26.9 (1.06)	—	<b>4QS-300</b>	<b>4QS-300T</b>
3-1/2	132.8 (5.23)	97.0 (3.82)	27.9 (1.10)	—	<b>4QS-350</b>	<b>4QS-350T</b>
4	149.1 (5.87)	97.0 (3.82)	29.0 (1.14)	—	<b>4QS-400</b>	<b>4QS-400T</b>
<b>45° Type 4QS-438 — Type 4QS-4400</b>						
3/8 (1/2 KO)	31.0 (1.22)	30.2 (1.19)	57.7 (2.27)	13.7 (0.54)	<b>4QS-438</b>	<b>4QS-438T</b>
1/2	34.5 (1.36)	34.3 (1.35)	60.2 (2.37)	13.7 (0.54)	<b>4QS-450</b>	<b>4QS-450T</b>
3/4	41.1 (1.62)	33.5 (1.32)	64.3 (2.53)	15.2 (0.60)	<b>4QS-475</b>	<b>4QS-475T</b>
1	48.3 (1.90)	42.2 (1.66)	77.7 (3.06)	16.8 (0.66)	<b>4QS-4100</b>	<b>4QS-4100T</b>
1-1/4	62.5 (2.46)	51.6 (2.03)	93.0 (3.66)	18.8 (0.74)	<b>4QS-4125</b>	<b>4QS-4125T</b>
1-1/2	69.1 (2.72)	57.2 (2.25)	100.1 (3.94)	19.3 (0.76)	<b>4QS-4150</b>	<b>4QS-4150T</b>
2	88.4 (3.48)	68.3 (2.69)	113.0 (4.45)	19.3 (0.76)	<b>4QS-4200</b>	<b>4QS-4200T</b>
2-1/2	97.0 (3.82)	98.8 (3.89)	175.0 (6.89)	25.9 (1.02)	<b>4QS-4250</b>	<b>4QS-4250T</b>
3	116.1 (4.57)	111.0 (4.37)	190.0 (7.48)	26.9 (1.06)	<b>4QS-4300</b>	<b>4QS-4300T</b>
3-1/2	132.8 (5.23)	115.3 (4.54)	198.9 (7.83)	27.9 (1.10)	<b>4QS-4350</b>	<b>4QS-4350T</b>
4	149.1 (5.87)	121.4 (4.78)	210.1 (8.27)	29.0 (1.14)	<b>4QS-4400</b>	<b>4QS-4400T</b>
<b>90° Type 4QS-938 — Type 4QS-9400</b>						
3/8 (1/2 KO)	31.0 (1.22)	40.9 (1.61)	35.1 (1.38)	13.7 (0.54)	<b>4QS-938</b>	<b>4QS-938T</b>
1/2	34.5 (1.36)	39.9 (1.57)	35.6 (1.40)	13.7 (0.54)	<b>4QS-950</b>	<b>4QS-950T</b>
3/4	41.2 (1.62)	41.4 (1.63)	41.9 (1.65)	15.2 (0.60)	<b>4QS-975</b>	<b>4QS-975T</b>
1	48.3 (1.90)	52.8 (2.08)	49.3 (1.94)	16.8 (0.66)	<b>4QS-9100</b>	<b>4QS-9100T</b>
1-1/4	62.5 (2.46)	59.4 (2.34)	52.8 (2.08)	18.8 (0.74)	<b>4QS-9125</b>	<b>4QS-9125T</b>
1-1/2	69.1 (2.72)	66.0 (2.60)	57.9 (2.28)	19.3 (0.76)	<b>4QS-9150</b>	<b>4QS-9150T</b>
2	88.4 (3.48)	75.4 (2.97)	65.0 (2.56)	19.3 (0.76)	<b>4QS-9200</b>	<b>4QS-9200T</b>
2-1/2	97.0 (3.82)	135.9 (5.35)	114.1 (4.49)	25.9 (1.02)	<b>4QS-9250</b>	<b>4QS-9250T</b>
3	116.1 (4.57)	140.0 (5.51)	121.9 (4.8)	26.9 (1.06)	<b>4QS-9300</b>	<b>4QS-9300T</b>
3-1/2	132.8 (5.23)	154.9 (6.10)	129.0 (5.08)	27.9 (1.10)	<b>4QS-9350</b>	<b>4QS-9350T</b>
4	149.1 (5.87)	154.9 (6.10)	135.9 (5.35)	29.0 (1.14)	<b>4QS-9400</b>	<b>4QS-9400T</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton OZGEDNEY