

## Pipe Fittings

These fittings are suitable for interconnecting piping, valves and other components in both wet and dry automatic sprinkler systems. Installation should be according to applicable sprinkler system fabrication rules. These rules limit the minimum size of sprinkler piping to 1 in., nominal. FM Approved pipe fittings of smaller sizes are intended for use as valve trim, gauge connections, and for other peripheral service. The water flow path of the sprinkler system cannot be designed using smaller sizes than 1 in., nominal. Unless otherwise noted in the listing, these fittings have 175 psi (1205 kPa) rated working pressure.

Threaded connections on fittings can be made to FM Approved threadable thinwall pipe or to Schedule 40 pipe. Refer to the "Steel Pipe" listings for a summary of the various types of FM Approved steel pipe suitable for threading or grooving."

The fittings manufacturer's installation instructions must be observed in all cases. When connections are made to FM Approved pipe, the pipe manufacturer's installation instructions must also be followed.

Unless otherwise stated below, the maximum ambient temperature to which these fittings should be subjected is 225°F (107°C).

## Fittings, Side Outlet, Rigid

These fittings allow installation of a perpendicular branch line of reduced size, while joining inline pipes of equal diameters. These fittings bolt over a hole in the run pipe, and allow installation of a perpendicular branch line of reduced size. The maximum branch line size is one pipe size reduced from the run pipe size.

## Models XGQT04, XGQT04G, 041, L922

### Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT04G	Mechanical Tee (Grooved Outlet)	2 x 1 1/4, 1 1/2 2 1/2 x 1 1/4, 1 1/2 76.1 mm x 1 1/4, 1 1/2 3 x 1 1/4, 1 1/2, 2 4 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 139.7 mm x 1 1/2, 2, 2 1/2 5 x 1 1/2, 2, 2 1/2 165.1 mm x 2, 76.1 mm 6 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 8 x 2, 2 1/2, 76.1 mm, 3	300	(2065)	a, b, c, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	4 x 3 6 x 3, 4	232	(1595)	a, b, c, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	2 x 1 1/4, 1 1/2 76.1 mm x 1 1/4, 1 1/2 3 x 1 1/4, 1 1/2, 2 4 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 139.7 mm x 1 1/2, 2, 2 1/2 6 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm	300	(2065)	d, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	4 x 3 6 x 3, 4	232	(1595)	d, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	76.1 mm x 1 1/4, 1 1/2 3 x 1 1/4, 1 1/2, 2 4 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 139.7 mm x 1 1/2, 2, 2 1/2 6 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm	300	(2065)	e, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	4 x 3 6 x 3, 4	232	(1595)	e, g, h, i, j, k, l

XGQT04G	Mechanical Tee (Grooved Outlet)	2 x 1 1/4, 1 1/2	300	(2065)	f, g, h, i, j, k, l
XGQT04	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 76 mm x 1/2, 3/4, 1, 1 1/4, 1 1/2 3 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 108 mm x 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2 5 x 1, 1 1/4, 1 1/2, 2, 2 1/2 133 mm x 1, 1 1/4, 1 1/2, 2 140 mm x 1, 1 1/4, 1 1/2, 2 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2 159 mm x 1, 1 1/4, 1 1/2, 2 165 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2 8 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	300	(2065)	a, b, c, g, h, i, j, k, l
XGQT04	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 76 mm x 1/2, 3/4, 1, 1 1/4, 1 1/2 3 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2 139.7 mm x 1, 1 1/4, 1 1/2, 2 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2	300	(2065)	d, g, h, i, j, k, l
XGQT04	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 76 mm x 1/2, 3/4, 1, 1 1/4, 1 1/2 3 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2 139.7 mm x 1, 1 1/4, 1 1/2, 2 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2	300	(2065)	e, g, h, i, j, k, l
XGQT04	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2	300	(2065)	f, g, h, i, j, k, l
L922	Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 2 1/2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	a, b, c, g, h, i, j, k, l
L922	Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	d, g, h, i, j, k, l
L922	Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	e, g, h, i, j, k, l
L922	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1	300	(2065)	f, g, h, i, j, k, l
41	U-Bolt Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 2 1/2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	a, b, c, g, h, i, j, k, l
41	U-Bolt Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	d, g, h, i, j, k, l
41	U-Bolt Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	e, g, h, i, j, k, l

41	U-Bolt Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1	300	(2065)	f, g, h, i, j, k, l
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**Remarks:**

- a. Min schedule cut groove pipe to be joined: 6 in. or smaller - Schedule 40; 8 in. or larger - Schedule 30
- b. Min schedule rolled groove pipe to be joined: 6 in. or smaller – Schedule 40; 8 in. or larger – Schedule 30
- c. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 10; 8 or 10 in. - 0.188 in. (5 mm) wall; 12 in. 0.250 in. (6.35 mm) wall
- d. FM Approved for Use with Rolled Groove Chinese Standard GB/T 3091 Regular pipe
- e. FM Approved for Use with Rolled Groove Chinese Standard GB/T 3091 Extra Heavy pipe
- f. FM Approved for Use with Rolled and Cut Groove Chinese Standard GB/T 3091 Extra Heavy pipe
- g. With EPDM gasket
- h. Product is marked with acceptable trade name of either “LEDE”, “LENE” or “PREM”
- i. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish
- j. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish
- k. FM Approved for Use with a Silvery White Colored Dacromet Surface Finish
- l. FM Approved for Use with a Hot Dip Galvanized Surface Finish

<b>Company Name:</b>	Shandong Lede Machinery Co. Ltd.
<b>Company Address:</b>	No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City, Shandong 261057, China
<b>Company Website:</b>	<a href="http://wflede.com">http://wflede.com</a>
<b>New/Updated Product Listing:</b>	No
<b>Listing Country:</b>	China
<b>Certification Type:</b>	FM Approved
<b>Class of Work:</b>	1920-Coupling & Fitting, All Type