

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).

Pipe Fittings

XGQT06, XGQT07, XGQT12, XGQT13, XGQT13S, XGQT18, XGQT18S...

Product Designation	Fitting Description	Nominal Pipe Size, in.	Max Working Pressure, psi (kPa)	Remarks
XGQT06	90° Elbow	76.1, 139.7, 165.1 mm	232 (1600)	c
XGQT06	90° Elbow	8, 10, 12	300 (2070)	c
XGQT06	90° Elbow	5, 6 133, 139.7, 159, 165.1 mm	400 (2760)	c
XGQT06	90° Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 76.1, 108 mm	500 (3445)	c
XGQT07	45° Elbow	8, 10, 12	300 (2070)	c
XGQT07	45° Elbow	5, 6 133, 139.7, 159, 165.1 mm	400 (2760)	c
XGQT07	45° Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 76.1 mm, 108 mm	500 (3445)	c
XGQT12	Equal Tee	8, 10, 12	300 (2070)	c
XGQT12	Equal Tee	5, 6 133, 139.7, 159, 165.1 mm	400 (2760)	c
XGQT12	Equal Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 76.1 mm, 108 mm	500 (3445)	c
XGQT13	Reducing Tee, Grooved	3 x 76.1 mm 139.7 mm x 4 165.1 mm x 139.7 mm	232 (1600)	c
XGQT13	Reducing Tee, Grooved	8 x 4, 6 219.1 mm x 165.1 mm 10 x 6, 8 12 x 4, 6, 8, 10	300 (2070)	c
XGQT13	Reducing Tee, Grooved	2-1/2 x 1, 1-1/4, 1-1/2, 2 3 x 2-1/2 4 x 2-1/2 6 x 1, 1-1/4, 1-1/2, 2, 3, 4, 76.1 mm 139.7 mm x 1, 1-1/4, 1-1/2, 2, 3, 76.1 mm 165.1 mm x 1, 1-1/4, 1-1/2, 2, 3, 4, 76.1 mm	400 (2760)	c

XGQT13	Reducing Tee, Grooved	2 x 1, 1-1/4, 1-1/2 3 x 1, 1-1/4, 1-1/2, 2 4 x 1, 1-1/4, 1-1/2, 2, 3, 76.1 mm 76.1 mm x 1, 1-1/4, 1-1/2	500 (3445)	c
XGQT13S	Reducing Tee, Grooved x Threaded	2-1/2 x 1, 1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2, 3, 4, 76.1 mm 139.7 mm x 1, 1-1/4, 1-1/2, 2, 3, 76.1 mm 165.1 mm x 1, 1-1/4, 1-1/2, 2, 3, 4, 76.1 mm	400 (2760)	c, d
XGQT13S	Reducing Tee, Grooved x Threaded	2 x 1, 1-1/4, 1-1/2 3 x 1, 1-1/4, 1-1/2, 2 4 x 1, 1-1/4, 1-1/2, 2, 3, 76.1 mm 76.1 mm x 1, 1-1/4, 1-1/2	500 (3445)	c, d
XGQT18	Flange Adaptor	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	c, e
XGQT18S	Flange Adaptor Threaded	2, 3, 4 76.1 mm	300 (2070)	c, e
XGQT20	Cap	8, 10, 12	300 (2070)	c
XGQT20	Cap	5, 6 133, 139.7, 159, 165.1 mm	400 (2760)	c
XGQT20	Cap	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 76.1, 108 mm	500 (3445)	c
XGQT14	Equal Cross	8, 10, 12	300 (2070)	c
XGQT14	Equal Cross	5, 6 133, 139.7, 159, 165.1 mm	400 (2760)	c
XGQT14	Equal Cross	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 76.1, 108 mm	500 (3445)	c
XGQT16S	Concentric Reducer, Threaded	8 x 1, 1-1/4, 1-1/2, 2, 3, 4, 76.1 mm	300 (2070)	c, d
XGQT16S	Concentric Reducer, Threaded	2-1/2 x 1, 1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2, 3, 4, 76.1 mm 139.7 mm x 1-1/4, 1-1/2, 2, 3, 76.1 mm 165.1 mm x 1-1/4, 1-1/2, 2, 3, 4, 76.1 mm	400 (2760)	c, d
XGQT16S	Concentric Reducer, Threaded	2 x 1, 1-1/4, 1-1/2 3 x 1, 1-1/4, 1-1/2, 2 4 x 1, 1-1/4, 1-1/2, 2, 3, 76.1 mm 76.1 mm x 1, 1-1/4, 1-1/2, 2 139.7 mm x 1	500 (3445)	c, d
XGQT16	Concentric Reducer, Grooved	76.1 mm x 2 3 x 2, 76.1 mm 4 x 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 165.1 mm x 76.1 mm, 3, 4, 139.7 mm 8 x 76.1 mm, 3, 4, 139.7 mm, 165.1 mm 10 x 4, 165.1 mm, 8 12 x 4, 139.7 mm, 165.1 mm, 8, 10	232 (1600)	c

XGQT16	Concentric Reducer, Grooved	6 x 2-1/2 8 x 2, 2-1/2, 76.1 mm, 3, 6 10 x 4, 6, 8	300 (2070)	a, b, c
XGQT16	Concentric Reducer, Grooved	2-1/2 x 1-1/4, 1-1/2, 2 3 x 2-1/2, 76.1 mm 4 x 2-1/2 6 x 2, 3, 4, 76.1 mm 139.7 mm x 1-1/4, 1-1/2, 2, 3, 76.1 mm 165.1 mm x 2, 3, 4, 76.1 mm	400 (2760)	a, b, c
XGQT16	Concentric Reducer, Grooved	2 x 1, 1-1/4, 1-1/2 3 x 1-1/4, 1-1/2, 2 4 x 1-1/4, 1-1/2, 2, 3, 76.1 mm 76.1 mm x 1-1/4, 1-1/2	500 (3445)	a, b, c
22	Adapter Elbow	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	500 (3445)	b, c, d
36	Adapter Nipple	1-1/2 2	500 (3445)	b, c, d
37	Reducing Adapter Nipple	1-1/2 x 1 2 x 1-1/2	500 (3445)	b, c, d
XGQT23	Concentric Drain End Cap	2 x 1 2-1/2 x 1 3 x 1 4 x 1 6 x 1	500 (3445)	b, c, d
XGQT09	22.5 Degree Grooved Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 76.1, 108 mm	400 (2760)	b, c
XGQT09	22.5 Degree Grooved Elbow	5, 6, 8, 10, 12 133, 139.7, 159, 165.1 mm	300 (2070)	b, c
XGQT10	11.25 Degree Grooved Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 76.1, 108 mm	400 (2760)	b, c
XGQT10	11.25 Degree Grooved Elbow	5, 6, 8, 10, 12 133, 139.7, 159, 165.1 mm	300 (2070)	b, c
XGQT17	Eccentric Reducer	3 x 2, 2-1/2, 76.1 mm 4 x 2, 2-1/2, 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 159 mm x 76.1 mm, 3, 108 mm, 4 165.1 mm x 76.1 mm, 3, 4, 139.7 mm 6 x 3, 4, 139.7 mm 8 x 3, 4, 139.7 mm, 165.1 mm, 6 10 x 165.1 mm, 6, 8	300 (2070)	b, c
XGQT28	Flange Adapter	2, 2-1/2, 3, 4, 5, 6, 8	300 (2070)	b, c, f

Remarks:

- a. Min schedule cut groove pipe to be joined: Schedule 40.
- b. For use with cut groove pipe only.
- c. Product is marked with acceptable trade name of either "100TONG" or "100T"
- d. Available with NPT threaded End Connections
- e. Available with GB/T 9112 Flanges
- f. Available with ANSI B16.5 Class 150 Flanges

Company Name:	Weifang 100tong Casting Co Ltd
Company Address:	No. 1919 Jinchang South Rd, Weicheng District, Weifang, 261052 Shandong, China
Company Website:	http://100t.cc
New/Updated Product Listing:	No
Listing Country:	China
Certification Type:	FM Approved
Class of Work:	1920-Coupling & Fitting, All Type