

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.

XGQT03, XGQT03S, XGQT03U

Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT03	Mechanical Tee Grooved	4 x 76.1 mm 139.7 mm x 3 165.1 mm x 4	232	(1595)	b, c, e, f
XGQT03	Mechanical Tee Grooved	2 x 1, 1 1/4, 1 1/2 2 1/2 x 1 3 x 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 6 x 1, 1 1/4, 1 1/2, 2, 3, 76.1 mm 8 x 1, 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm 76.1 mm x 1, 1 1/4, 1 1/2 139.7 mm x 1, 1 1/4, 1 1/2, 2, 76.1 mm 165.1 mm x 1, 1 1/4, 1 1/2, 2, 3, 76.1 mm	300	(2065)	b, c, e, f
XGQT03S	Mechanical Tee 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, 76.1 mm 6 x 1, 1 1/4, 1 1/2, 2, 3, 76.1 mm 8 x 1, 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm 76.1 mm x 1, 1 1/4, 1 1/2 139.7 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, 76.1 mm	300	(2065)	a, b, c, e, f
XGQT03S	Mechanical Tee Threaded	2 1/2 x 1 1/4 4 x 2 1/2, 3	300	(2065)	b, c, d, e, f
XGQT03U	U-Bolt Mech. Tee	1, 1/2, 3/4 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 76.1 mm x 1/2, 3/4, 1	300	(2065)	b, d, e, f

Remarks:

- a. Outlet is threaded in accordance with GB/T 7307 (equivalent to ISO 228-1) straight pipe thread.
- b. Product is marked with acceptable trade name of either "100TONG" or "100T"
- c. Available with a red painted, galvanized, dacromet or epoxy surface finish.
- d. Available with NPT or BSPT threaded outlet.
- e. Min schedule cut groove pipe to be joined: 6 in. or smaller – Schedule 40; 8 in. or larger – Schedule 30.
- f. Min schedule rolled groove pipe to be joined: 6 in. or smaller – Schedule 40; 8 in. or larger – Schedule 30

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