

## 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).

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### Shandong Dingliang Casting, Pipe Fittings

<i>Product Designation</i>	<i>Fitting Description</i>	<i>Nominal Pipe Size, mm</i>	<i>Max. Working Pressure, psi (kPa)</i>	<i>Remarks</i>
XGQT01	Elbow, 90°Deg	33, 42, 48, 60, 73, 76, 89, 108, 114, 133, 140, 159, 165, 168, 219, 273, 325	300 (2070)	e
XGQT02	Elbow, 45°Deg	33, 42, 48, 60, 73, 76, 89, 108, 114, 133, 140, 159, 165, 168, 219, 273, 325	300 (2070)	e
XGQT03	Tee, Equal	33, 42, 48, 60, 73, 76, 89, 108, 114, 133, 140, 159, 165, 168, 219, 273, 325	300 (2070)	e
XGQT04	Tee, Grooved Reducing Branch	60 x 33, 42, 48 73 x 33, 42, 48 76 x 33, 42, 48, 60 89 x 33, 42, 48, 60, 73, 76 108 x 76, 89 114 x 33, 42, 48, 60, 73, 76, 89 140 x 60, 73, 76, 89, 114 159 x 89, 108, 114 165 x 60, 73, 76, 89, 114, 140 168 x 60, 73, 76, 89, 114, 140 219 x 60, 73, 76, 89, 114, 140, 165, 168 273 x 165, 168, 219 325 x 165, 168, 273	300 (2070)	e
XGQT04S	Tee, Threaded Reducing Branch	60 x 33, 42, 48 73 x 33, 42, 48, 60 76 x 33, 42, 48, 60 89 x 33, 42, 48, 60, 76 108 x 76, 89 114 x 33, 42, 48, 60, 76, 89 140 x 33, 42, 48, 60, 76, 89, 114 159 x 89	300 (2070)	a, b, d

		165 x 33, 42, 48, 60, 76, 89, 114 168 x 33, 42, 48, 60, 76, 89, 114 219 x 60, 76, 114		
XGQT05	Cross, Equal	42, 48, 60, 73, 76, 89, 114, 140, 165, 168, 219, 273, 325	300 (2070)	e
XGQT05S	Cross, Threaded Reducing	76 x 60 89 x 60, 76 114 x 33, 42, 48, 60, 76, 89 140 x 76, 89 165 x 33, 42, 48, 60, 76, 89, 114 219 x 76, 89	300 (2070)	a, b, d
XGQT06	End Cap, Grooved	33, 42, 48, 60, 76, 89, 108, 114, 133, 140, 159, 165, 168, 219, 273, 325	300 (2070)	e
XGQT07	Elbow, 22.5°Deg	33, 42, 48, 73, 76, 89, 108, 114, 140, 159, 165, 168, 219	300 (2070)	e
XGQT07G	Reducer, Grooved Concentric	42 x 33 60 x 33, 42, 48 73 x 33, 42, 48, 60 76 x 33, 42, 48, 60 89 x 33, 42, 48, 60, 73, 76 108 x 76, 89 114 x 33, 42, 48, 60, 73, 76, 89 133 x 108 140 x 60, 73, 76, 89, 114 159 x 76, 89, 108, 114 165 x 60, 73, 76, 89, 114, 140 168 x 60, 76, 89, 114, 140 219 x 60, 73, 76, 89, 114, 140, 165, 168	300 (2070)	e
XGQT07P	Reducer, Grooved Eccentric	89 x 60 114 x 60, 73, 76, 89 140 x 60, 73, 76, 89, 114 165 x 60, 73, 76, 89, 114, 140 168 x 60, 73, 76, 89, 114 219 x 60, 73, 76, 89, 114, 140, 165, 168 273 x 114, 165, 219	300 (2070)	e
		48 x 33, 42 60 x 26, 33, 42, 48 73 x 42, 48, 60 76 x 33, 42, 48, 60 89 x 26, 33, 42, 48, 60, 76 108 x 33, 60, 76, 89 114 x 33, 42, 48, 60,		

XGQT07S	Reducer, Threaded Concentric	76, 89 140 x 33, 42, 48, 60, 76, 89, 114 159 x 33, 42, 60, 76, 89 165 x 33, 42, 48, 60, 76, 89, 114 168 x 33, 60, 73, 76, 114 219 x 76, 89, 114	300 (2070)	a, b, d
XGQT08	Elbow, 11.25°Deg	33, 42, 48, 60, 73, 76, 89, 114, 140, 159, 165, 168, 219	300 (2070)	e
XGQT09	Cross, Grooved Reducing	89 x 60, 76 114 x 60, 73, 76, 89 140 x 60, 73, 76, 89, 114 165 x 60, 73, 76, 89, 114, 140 168 x 60, 73, 76, 89, 114 219 x 60, 73, 76, 89, 114, 140, 165, 168	300 (2070)	e
XGQT10	Flange Adapter	60, 73, 76, 89, 108, 114, 133, 140, 159, 165, 168, 219, 273, 325	232 (1600)	c

**Remarks:**

- a. Threads per ANSI B1.20.1 - 1983
- b. Threads per ISO 7-1
- c. Supplied with Class 125 Flanges
- d. Threaded per DIN 2999
- e. Available with Cut Grooves

<b>Company Name:</b>	Shandong Dingliang Fire Technology Co Ltd
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<b>Company Website:</b>	<a href="http://www.ding-liang.com">http://www.ding-liang.com</a>
<b>New/Updated Product Listing:</b>	No
<b>Listing Country:</b>	China
<b>Certification Type:</b>	FM Approved