

Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | **Grooved Couplings, Standard-Rigid**

Model BT-1GS

Product Description

Pipe Description	Rated Working Pressures for Model BT-1GS Rigid Coupling by Pipe ^{a,b,c,d,e,f}																		
	Nominal Pipe Size																		
	1 (33.4)	1-1/4 (42.2)	1-1/2 (48.3)	(57.0)	2 (60.3)	2-1/2 (73.1)	(76.1)	3 (88.9)	(108)	4 (114.3)	(133)	(139.7)	5 (141.3)	(159)	(165.1)	6 (168.3)	8 (219.1)	10 (273.1)	12 (323.9)
Schedule 40, Cut Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 40, Roll Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Cut Groove																	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
ThinWall Pipes																			
Schedule 10, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)			
Lightwall Pipes, Rolled Groove																			
Schedule 5 Pipe																			
Chinese Standard GB/T 3091- 2008	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
0.188 in. wall Rolled Groove																	300 (2070)	300 (2070)	300 (2070)

Remarks:

- a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30
- b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8, 10 or 12 inch - 0.188 inch (4.78 mm) wall
- c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant or dry lubricant
- d.) FM Approved with a painted finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden
- e.) FM Approved with a galvanized surface finish
- f.) FM Approved with an epoxy powder coated finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden

Details

Category	Grooved Couplings, Standard-Rigid
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	United Kingdom

Company

BLAZETECH SYSTEMS LTD
100 AVEBURY BOULEVARD, MILTON
KEYNES, United Kingdom

Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | **Grooved Couplings, Standard-Flexible**

Model BT-1FS

Product Description

Pipe Description	Rated Working Pressures for Model BT-1FS Flexible Coupling by Pipe ^{a,b,c,d,e,f}																		
	Nominal Pipe Size																		
	1 (33.4)	1-1/4 (42.7)	1-1/2 (48.3)	(57.0)	2 (60.3)	2-1/2 (73.1)	(76.1)	3 (88.9)	(108)	4 (114.3)	(133)	(139.7)	5 (141.3)	(159)	(165.1)	6 (168.3)	8 (219.1)	10 (273.1)	12 (323.9)
Schedule 40, Cut Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 40, Roll Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Cut Groove																	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
ThinWall Pipes																			
Schedule 10, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)			
Lightwall Pipes, Rolled Groove																			
Schedule 5 Pipe																			
Chinese Standard GB/T 3091-2008	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
0.188 in. wall Rolled Groove																	300 (2070)	300 (2070)	300 (2070)

Remarks:

- a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30
- b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8, 10 or 12 inch - 0.188 inch (4.78 mm) wall
- c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant or dry lubricant
- d.) FM Approved with a painted finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden
- e.) FM Approved with a galvanized surface finish
- f.) FM Approved with an epoxy powder coated finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden

Details

Category	Grooved Couplings, Standard-Flexible
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	United Kingdom

Company

BLAZETECH SYSTEMS LTD
100 AVEBURY BOULEVARD, MILTON
KEYNES, United Kingdom



Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | Grooved Couplings, Standard-Rigid

Model BT-1AP

Product Description

Pipe Description	Rated Working Pressures for Model BT-1AP Rigid Coupling by Pipe ^{a,b,c,d,e,f}																		
	Nominal Pipe Size																		
	1 (33.7)	1-1/4 (42.7)	1-1/2 (48.3)	(57.0)	2 (60.3)	2-1/2 (73.1)	(76.1)	3 (88.9)	(108)	(114.3)	(133)	(139.7)	(141.3)	(159)	(165.1)	(168.3)	(219.1)	(273)	(323.9)
Schedule 40, Cut Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 40, Roll Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Cut Groove																	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
ThinWall Pipes, Rolled Groove																			
Schedule 10, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)			
Lightwall Pipes, Rolled Groove																			
Schedule 5 Pipe, Rolled Groove																			
Chinese Standard GB/T 3091-2008	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
0.188 in. wall Rolled Groove																	300 (2070)	300 (2070)	300 (2070)

Remarks:

a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30

b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8, 10 or 12 inch - 0.188 inch (4.78 mm) wall

c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant or dry lubricant



d.) FM Approved with a painted finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden
e.) FM Approved with a galvanized surface finish
f.) FM Approved with an epoxy powder coated finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden

Details

Category	Grooved Couplings, Standard-Rigid
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	United Kingdom

Company

BLAZETECH SYSTEMS LTD
100 AVEBURY BOULEVARD, MILTON
KEYNES, United Kingdom

Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | **Pipe Fittings, Side Outlet, Rigid**

Models BT-MTG, BT-MTT

Product Description

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
BT-MTG	Mechanical Tee (Grooved Outlet)	1 1/4 x 1 1 1/2 x 1 2 x 1, 1 1/4, 1 1/2 2 1/2 x 1, 1 1/4, 1 1/2, 2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3 5 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 8 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 108 mm, 4 10 x 2, 2 1/2, 76.1 mm, 108 mm, 3, 4	300	(2065)	a, b, c, d, e, f, g
BT-MTG	Mechanical Tee (Grooved Outlet)	76.1 mm x 1, 1 1/4, 1 1/2, 2 108 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3 139.7 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 159 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4	300	(2065)	a, b, c, d, e, f, g
BT-MTT	Mechanical Tee (NPT Threaded Outlet)	1 x 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, 1 1/4, 1 1/2 2 1/2 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 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1mm, 3 5 x 1, 1 1/4, 1 1/2, 2, 76.1 mm 6 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 76.1mm, 2 1/2, 3, 4 8 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1mm, 3, 4 10 x 2, 2 1/2, 76.1 mm, 3	300	(2065)	a, b, c, d, e, f, g
BT-MTT	Mechanical Tee (NPT Threaded Outlet)	76.1mm x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 108mm x 1, 1 1/4, 1 1/2, 2 133mm x 1, 1 1/4, 1 1/2, 2 139.7mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 159 mm x 1, 1 1/4, 1 1/2, 2, 76.1 mm 165.1mm x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 76.1mm, 2 1/2, 3, 4	300	(2065)	a, b, c, d, e, f, g

FM Approvals

Remarks:

- a. Min schedule cut groove pipe to be joined: 6 in. or smaller – Schedule 40/40S; 8 in. or larger – Schedule 30/30S.
- b. Min schedule rolled groove pipe to be joined: 6 in. or smaller – Schedule 10/10S; 8 in. or larger – 0.188 in. (5 mm) wall.
- c. For use with Chinese Standard GB/T 3091-2008 steel pipe
- d. With EPDM gasket
- e. FM Approved with a painted finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden
- f. FM Approved with a galvanized surface finish
- g. FM Approved with an epoxy powder coated finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden

Details

Category	Pipe Fittings, Side Outlet, Rigid
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	United Kingdom

Company

BLAZETECH SYSTEMS LTD
100 AVEBURY BOULEVARD,
MILTON KEYNES, United
Kingdom



Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | **Pipe Fittings**

Grooved Pipe Fittings

Product Description

<i>Product Designation</i>	<i>Fitting Description</i>	<i>Nominal Pipe Size, Inch</i>	<i>Rated Working Pressure, psi (kPa)</i>	<i>Remarks</i>
BT-90S	90° Elbow Grooved	2, 3, 4, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-90SL	90° Elbow Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-90D	90° Drain Elbow	2 x 1 2-1/2 x 1 76.1 mm x 1 3 x 1 4 x 1 139.7 mm x 1 165.1 mm x 1 6 x 1 8 x 1	300 (2070)	e
BT-90L	90° Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-90RD	90° Hydrant Elbow	4 x 3 x 1 6 x 3 x 1 165.1 mm x 3 x 1	300 (2070)	e
BT-90R	90 Degree Reducing Elbow Grooved	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 76.1 mm 4 x 76.1 mm, 3 inch 6 x 4 165.1 mm x 4	300 (2070)	e

BT-90RT	90 Degree Reducing Elbow Threaded	1 x 1/2 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 76.1 mm x 1/2, 3/4, 1	300 (2070)	a, b, d
BT-120S	45° Elbow Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-120L	45° Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-130S	Tee Grooved	2, 3, 4, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-130SL	Equal Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-130L	Equal Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-180S	Cross Grooved	2, 3, 4, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-180SL	Equal Cross Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-180L	Equal Cross	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e

BT-130R	Reducing Tee Grooved	1-1/2 x 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 4, 5, 6, 8, 10 12 inch x 139.7, 165.1 mm	300 (2070)	e
BT-131R	Reducing Tee (Grooved Outlet)	1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10	300 (2070)	e

BT-130RT	Reducing Tee Grooved x Threaded	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2 inch, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2-1/2 139.7 mm x 1, 1-1/4, 1-1/2, 2-1/2, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2-1/2, 4 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 2-1/2, 4 10 x 2, 76.1 mm, 3, 4 12 x 2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
BT-131RT	Reducing Tee (Threaded Outlet)	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 2, 2-1/2, 76.1 mm, 3, 4 10 x 2, 2-1/2, 76.1 mm, 3, 4 12 x 2, 2-1/2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e

BT-180R	Reducing Cross Grooved	2-1/2 x 2 3 x 2, 76.1 mm 4 x 2, 76.1mm, 3 5 x 2, 2-1/2, 76.1 mm, 3, 4 6 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 4, 139.7 mm, 5, 165.1 mm, 6 10 x 165.1 mm, 6, 8 12 x 8, 10 76.1 mm x 2 139.7 mm x 2, 3, 4 139.7 x 76.1 mm 165.1mm x 2, 3, 4 165.1 x 76.1 mm	300 (2070)	e
BT-181R	Reducing Cross (Grooved Outlet)	1-1/2 x 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10	300 (2070)	e

BT-181RT	Reducing Cross (Threaded Outlet)	1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 2, 2-1/2, 76.1 mm, 3, 4 10 x 2, 2-1/2, 76.1 mm, 3, 4 12 x 2, 2-1/2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
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BT-240G	Concentric Reducer Grooved	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 5 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 2-1/2, 3, 108 mm, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 139.7 mm, 5 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 2-1/2, 3, 108 mm, 4, 139.7 mm, 5 8 x 2, 2-1/2, 76.1, 3, 108, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6 10 x 108 mm, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 12 x 108 mm, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	300 (2070)	e
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BT-240GL	Concentric Reducer	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10	300 (2070)	e
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BT-240T	Concentric Reducer Grooved x Threaded	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 139.7 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 165.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 6 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 10 x 4, 139.7 mm, 6, 8 12 x 8, 10	300 (2070)	a, b, d, e
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BT-240TL	Concentric Reducer Grooved x Threaded	1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 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, 2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 6 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 10 x 2, 2-1/2, 76.1 mm, 3, 4 12 x 2, 2-1/2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
BT-321P	Flange Adapter Grooved x Flanged	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
BT-321A	Flange Adapter (Grooved Outlet)	1, 1-1/4, 1-1/2, 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
BT-300	End Cap Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-300L	End Cap	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e

BT-300E	End Cap with Threaded Eccentric Hole	2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 76.1 mm 4 x 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 5 x 1, 1-1/4, 1-1/2, 2 inch, 76.1 mm 165.1 mm x 1, 1-1/4, 1-1/2, 2 6 x 1-1/4, 1-1/2, 2 inch, 76.1 mm 8 x 1-1/4, 2 10 x 2, 76.1 mm, 3, 4 12 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
BT-300C	End Cap with Threaded Concentric Hole	2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2 4 x 1, 1-1/4, 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 5 x 1, 1-1/4, 1-1/2, 2 165.1 mm x 1, 1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2 8 x 1, 1-1/4, 1-1/2, 2 10 x 1, 1-1/4, 1-1/2, 2 12 x 1, 1-1/4, 1-1/2, 2	300 (2070)	a, b, d, e

BT-240E	Eccentric Reducer Grooved	1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7, mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10	300 (2070)	e
BT-240ET	Eccentric Reducer Grooved x Threaded	1-1/2 x 1, 1-1/4 inch 2 x 1, 1-1/4, 1-1/2 inch 2-1/2 x 1, 1-1/4, 1-1/2, 2 inch 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2 inch, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3 inch 139.7 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 inch 165.1 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 6 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 inch, 8 x 2, 76.1 mm, 3, 4 inch 10 x 2, 76.1 mm, 3, 4 inch 12 x 2, 76.1 mm, 3, 4 inch	300 (2070)	a, b, d, e
BT-NIP-T	Grooved x Threaded Pipe Nipple	1-1/4 x 1-1/4 1-1/2 x 1-1/2 2 x 2 76.1 mm x 2-1/2 3 x 3	300 (2070)	a, b, d, e

FM Approvals

BT-110S	22-1/2° Elbow Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-105S	11-1/4° Elbow Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
BT-130BT	Bullhead Tee	2 x 2 x 2-1/2, 3, 4 2-1/2 x 2-1/2 x 3, 4 76.1 mm x 76.1 mm x 3, 4 3 x 3 x 4 4 x 4 x 6 5 x 5 x 8 6 x 6 x 8	300 (2070)	e

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

Details

Category	Pipe Fittings
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	United Kingdom

Company

BLAZETECH SYSTEMS LTD
100 AVEBURY BOULEVARD,
MILTON KEYNES, United
Kingdom