



BLAZE



GROOVED FITTINGS





BLAZE

ABOUT

BLAZETECH SYSTEMS LIMITED

At Blazetech Systems Limited, we are a UK-based manufacturer and global supplier of high-performance solutions for the Fire Protection, HVAC, Plumbing, and MEP industries. With over 50 years of combined industry expertise, we are committed to delivering reliable, innovative, and internationally compliant products for commercial, industrial, and infrastructure projects worldwide.

Our comprehensive product portfolio includes fire protection equipment, ductile iron valves, brass and bronze valves, HVAC valves, PPR pipes & fittings, and other engineered flow-control solutions designed to meet the highest standards of safety, efficiency, and durability.

Blazetech products are manufactured and sourced in compliance with internationally recognized approvals and certifications, including UL, FM, Kitemark, and WRAS certifications, ensuring dependable performance for critical applications. Our WRAS-approved brass, bronze valves, and PPR piping systems are specifically designed for potable water and plumbing applications, while our UL/FM approved fire protection products provide trusted protection for life safety systems.

Our operations are driven by internationally recognized management systems, including ISO 9001 (Quality Management), ISO 14001 (Environmental Management), and ISO 45001 (Occupational Health & Safety), ensuring consistent quality, environmental responsibility, and operational excellence throughout our business processes.

Driven by a customer-focused philosophy, we work closely with consultants, contractors, distributors, and project owners to provide technically advanced and cost-effective solutions that enhance system reliability, operational efficiency, and long-term performance.

BLAZE – Precision You Can Trust.

BLAZETECH SYSTEMS LTD.

 contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

Ver. A, 15032026, © Blaze 2026

**BLAZE**

List Of Content

Material Specification	6	Drainage Elbow	34
Gasket Data	7	Reducing Drainage Elbow	35
Nuts	8	Equal Tee	36
Bolts	9	Grooved Reducing Tee	38
Roll Groove Standard	10	Threaded Reducing Tee	40
Expansion Joint	11	Grooved Reducing Tee - Long Radius	41
Installation Instructions	12	Threaded Reducing Tee - Long Radius	44
High Pressure Rigid Coupling	15	Bullhead Tee	46
Rigid Coupling	16	Equal Cross	48
Flexible Coupling	17	Grooved Reducing Cross	49
High Pressure Flexible Coupling	18	Grooved Reducing Cross - Long Radius	50
Angle Pad Coupling	19	Threaded Reducing Cross	53
Reducing Coupling	20	Threaded Reducing Cross - Long Radius	55
Shouldered Flexible Coupling	21	Grooved Concentric Reducer	58
Ring Joint Coupling	22	Threaded Concentric Reducer	60
Quick Install Coupling	23	Grooved Eccentric Reducer	61
U-Bolt Mechanical Tee	24	Threaded Eccentric Reducer	62
Threaded Mechanical Tee	26	Grooved Adaptor Flange	63
Grooved Mechanical Tee	27	Split Flange	65
90° Elbow	28	Threaded Flange	66
45° Elbow	29	End Cap	67
22.5° Elbow	30	End Cap With Eccentric Hole	68
11.25° Elbow	31	End Cap With Concentric Hole	69
90° Reducing Elbow	32	Nipple	70
Reducing Elbow Grooved X Threaded	33	Company Qualification	71

BLAZETECH SYSTEMS LTD.

 contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

Ver. A, 15032026, © Blaze 2026



BLAZE



Grooved Fittings

High Pressure
Rigid Coupling



BT-1GH

Rigid Coupling



BT-1GS

Flexible Coupling



BT-1FS

High Pressure
Flexible Coupling



BT-1FH

Angle Pad
Coupling



BT-1AP

Reducing
Coupling



BT-1GR

Shouldered
Flexible Coupling



BT-SFC

Ring Joint
Coupling



BT-RJC

Quick Install
Coupling



BT-QIC

U-bolt Mechanical
Tee



BT-3L

Threaded Mechanical
Tee



BT-MTT

Grooved Mechanical
Tee



BT-MTG

90° Elbow



BT-90S

45° Elbow



BT-120S

22.5° Elbow



BT-110S

11.25° Elbow



BT-105S

90° Reducing
Elbow



BT-90R

Reducing 90° Elbow
Grooved X Threaded



BT-90RT

Drainage Elbow



BT-90D

Reducing Drainage
Elbow



BT-90RD

Equal Tee



BT-130S

Grooved Reducing
Tee



BT-130R

Threaded
Reducing Tee



BT-130RT

Grooved Reducing
Tee - Long Radius



BT-131R

Threaded Reducing
Tee - Long Radius



BT-131RT

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

04/72

Ver. A, 15032026, © Blaze 2026



BLAZE



Grooved Fittings

Bullhead Tee



BT-130BT

Equal Cross



BT-180S

Grooved Reducing Cross



BT-180R

Grooved Reducing Cross - Long Radius



BT-181R

Threaded Reducing Cross



BT-180RT

Threaded Reducing Cross - Long Radius



BT-181RT

Grooved Concentric Reducer



BT-240G

Threaded Concentric Reducer



BT-240T

Grooved Eccentric Reducer



BT-240E

Threaded Eccentric Reducer



BT-240ET

Grooved Flange Adaptor



BT-321P

Split Flange



BT-321H

Threaded Flange Adaptor



BT-321T

End Cap



BT-300

End Cap - Long



BT-300L

End Cap with Eccentric Hole



BT-300E

End Cap with Concentric Hole



BT-300C

Nipple Adaptor



BT-NIP-T

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

05/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Material Specification

Standards

BLAZE Grooved Fittings are designed and manufactured in accordance with ANSI/AWWA C606 and are intended for use with grooved mechanical couplings conforming to applicable industry standards. For sizes or configurations not covered by these standards, please contact Blazetech Systems Ltd for technical assistance

Ductile Iron-Housing Material

BLAZE Grooved Fittings are manufactured from high-quality Ductile Iron conforming to ASTM A536 Grade 65-45-12. Equivalent material grades include:

- QT450-12
- SAE J434 D4512
- EN 1563 EN-GJS-450-10
- EN 1563 EN-GJS-450-15
- JIS G5502 FCD450-10
- SABS 936/937 SG42

The ductile iron construction provides excellent strength, impact resistance, and durability, making BLAZE grooved fittings suitable for demanding fire protection, HVAC, Industrial, and water distribution applications.

Blaze Products Coating And Color

Available Color Options



Available Finish Options



Note: Painting or epoxy coating are fit for Potable water at Ordinary Temperature.

Please contact Blazetech Systems Ltd. for special applications.

* MOQ Applies for Special Colour / Finish

Surface Finish

Standard finish: Red Paint

Optional finishes available upon request:

- Hot-Dip Galvanized (HDG)
- Electro-Galvanized (EG)
- Custom RAL Powder Coating

*Subject to applicable approval requirements and local regulations.

Note: Product dimensions, weights, and specifications are subject to change without prior notice as part of our continuous product improvement program. Always verify the latest technical data before installation.

Applications

- Fire Protection Systems
- HVAC Systems
- Chilled Water Systems
- Industrial Piping
- Potable Water Systems

BLAZETECH SYSTEMS LTD.
 contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST**06/72**

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Gasket Data

Gasket	Name	Temperature Range	General Service Recommendations	Color Mark
E	EPDM	-34°C ~+110°C (-30°F ~+230°F)	Water, air, dilute acids or base, and other chemicals (except hydrocarbon) Note: strictly prohibited usage with oil or hydrocarbon.	Green Strip
D	NBR	-29°C ~+ 82°C (-00°F~+ 180°F)	Recommended for petroleum products air with oil vapours, vegetable and mineral oils within the specified temperature range. Not recommended for elevated temperature substances.	Orange Strip
S	Silicon Rubber	-40°C ~+ 177°C (-40°F ~+ 350°F)	Recommended for high temperature dry air and som high temperature chemical products.	White
O	Fluorine Rubber	-30°C ~+ 149° C	Fluorocarbon (FKM) FKM is a highly fluorinated carbon backboned compound and offers excellent resistance to harsh chemica and ozone attack with a thermal stability to 300°F(149°C). Grade "O" fluorocarbon gasket is recommended for use with oils, gasoline.hydraulic fluids, hydrocarbon solvents and extended fuels that fall outside the service parameters of grade T / NBR compounds. Not recommended for steam services.	Blue strip



BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

07/72

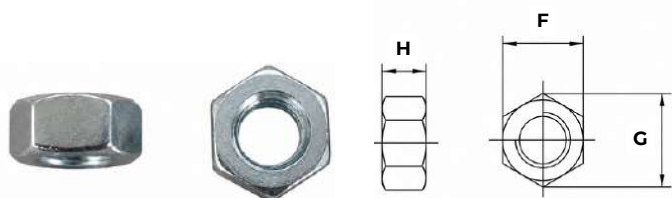
Ver. A, 15032026, © Blaze 2026



BLAZE



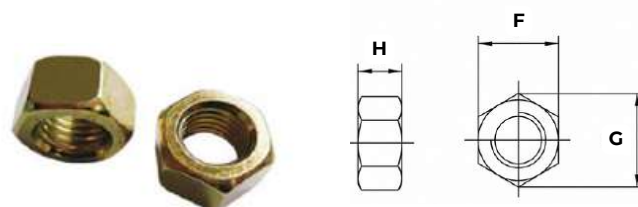
Heavy Duty Nut



Bolts & Nuts: High-strength carbon steel fasteners manufactured from material conforming to SAE J995.
Threads: UNC threads manufactured in accordance with ANSI/ASME B1.1, Class 2A external threads and Class 2B internal threads

d	F		G		H	
	Min	Max	Min	Max	Min	Max
3/8-16UNC	16.99	17.47	19.38	20.17	8.66	9.57
1/2-13UNC	21.59	22.22	24.61	25.65	11.78	12.8
5/8-11UNC	26.19	26.97	29.85	31.16	14.9	16.02
3/4-10UNC	30.78	31.75	35.1	35.65	18.03	19.25
7/8-9UNC	35.41	36.53	40.36	42.16	21.16	22.48

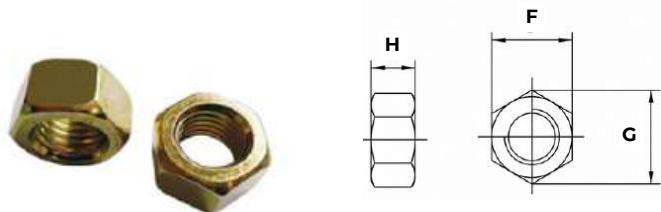
Metric Heavy Duty Nuts



Bolts & Nuts: High-strength carbon steel fasteners manufactured in accordance with ISO 898-2:1992/GB/T 3098.2-2000, Property Class 8.
Threads: Metric coarse threads conforming to ISO 261, with thread tolerances of 6h for M16 M12 and 7h for M16 and above.

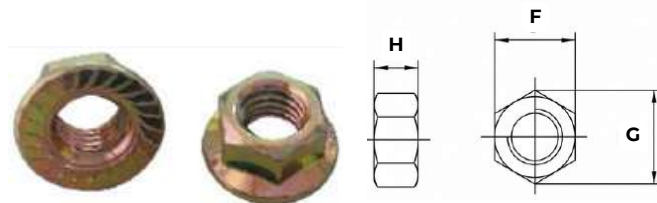
d	F		G		H	
	Min	Max	Min	Max	Min	Max
M10	18.13	19	21.5	8.5	9.5	M10
M12	20.16	21	22.78	11.9	12.3	M12
M14	23.16	24	26.17	13.6	14.3	M14
M16	26.16	27	29.56	16.4	17.1	M16
M20	33	34	37.29	19.4	20.7	M20

Metric Nuts



d	F		G		H	
	Min	Max	Min	Max	Min	Max
M10	15.73	16	17.77	8.04	8.4	M10
M12	17.73	18	20.03	10.97	10.8	M12
M14	20.67	21	23.36	12.1	12.8	M14
M16	23.67	24	26.75	14.1	16.8	M16
M20	29.16	30	32.95	16.9	18	M20

Hexagonal Flange Nut



d	S		D		H	
	Min	Max	Min	Max	Min	Max
M10	14.73	15	21.8	9.64	10	M10
M12	17.73	18	26	11.57	12	M12
M14	20.67	21	28.5	13.3	14	M14
M16	23.67	24	33	15.3	16	M16

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

08/72

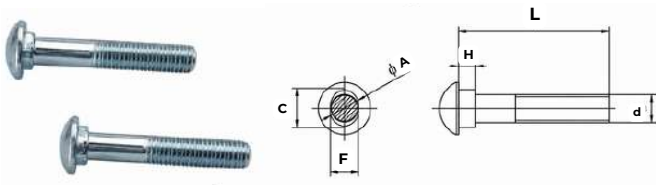
Ver. A, 15032026, © Blaze 2026



BLAZE



American Oval Diameter Bolt

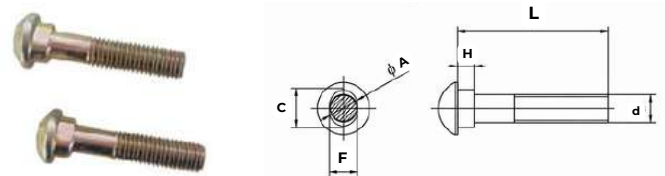


Material: SAE J429 Grade 5 carbon steel.

Thread: UNC external thread as per ANSI/ASME B1.1, Class 2A tolerance.

d	A	C	F	H	L
3/8-16UNC	19	13.9	9.5	6	55/70
1/2-13UNC	22.5	16	12.7	8	70/75
5/8-11UNC	27.4	19.8	15.9	10	80/85/105
3/4-10UNC	32.5	26.2	19.05	12	115/120
7/8-9UNC	37.7	28.8	22.2	14	125/140

Metric Elliptical Diameter Bolt

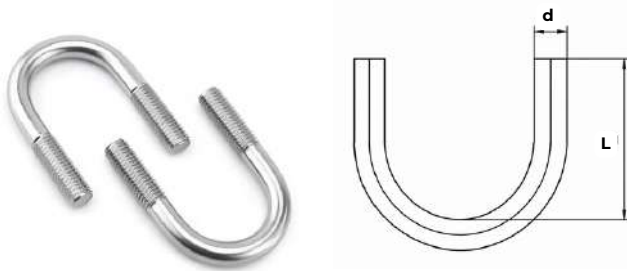


Material: High-strength carbon steel bolt manufactured in accordance with ISO 898-1, Property Class 8.8, providing reliable mechanical performance and durability.

Thread: ISO metric coarse thread conforming to ISO 261 with Class 6h thread tolerance for precise fit and interchangeability.

d	A	C	F	H	L
M10	18.5	13.5	9.5	5	45/50/55/60
M12	23.5	17.5	12.3	8	60/65/70/75/80
M14	24	18	14	9.5	75/85/90
M16	29.5	20.5	15.7	10	85/90/100/120
M20	38	27	18.3	12.5	100/110/120/130
M22	42.2	31	21.4	14	90/100/120/130

U Bolt



d	L
M10	52
M10	54
M10	65
M10	75
M10	92
M10	105

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

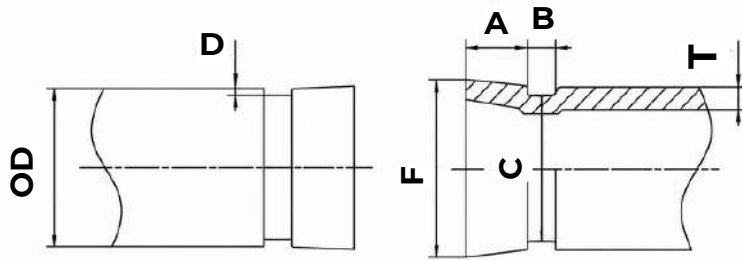
PRECISION YOU CAN TRUST

09/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Roll Groove Standard



Nominal Size	Pipe Outer Diameter OD			Dimension Pipe End to Edge A± 0.76	Groove Width B = 0.76	Groove Diameter C		Groove Depth D	Minimum Wall Thickness Of Pipe Wall T	Maximum Extension Surface Outer Diameter F
	Actual Size	Tolerance				Actual Size	Tolerance			
25	33.7	+0.41	-0.68	15.88	7.14	30.23	-0.38	1.6	1.8	34.5
32	42.4	+0.50	-0.6	15.88	7.14	38.99	-0.38	1.6	1.8	43.3
40	48.3	+0.44	-0.52	15.88	7.14	45.09	-0.38	1.6	1.8	49.4
50	60.3	+0.61	-0.61	15.88	8.74	57.15	-0.38	1.6	1.8	62.2
65	73	+0.74	-0.74	15.88	8.74	69.09	-0.46	1.98	2.3	75.2
65	76.1	+0.76	-0.76	15.88	8.74	72.26	-0.46	1.98	2.3	77.7
80	88.9	+0.89	-0.79	15.88	8.74	84.94	-0.46	1.98	2.3	90.6
90	101.6	+1.02	-0.79	15.88	8.74	97.38	-0.51	2.11	2.3	103.4
100	108	+1.07	-0.79	15.88	8.74	103.73	-0.51	2.11	2.3	109.7
100	114.3	+1.14	-0.79	15.88	8.74	110.08	-0.51	2.11	2.3	116.2
125	133	+1.32	-0.79	15.88	8.74	129.13	-0.51	2.11	2.9	137.9
125	139.7	+1.40	-0.79	15.88	8.74	135.48	-0.51	2.11	2.9	141.7
125	141.3	+1.42	-0.79	15.88	8.74	137.03	-0.56	2.13	2.9	143.5
150	159	+1.60	-0.79	15.88	8.74	154.5	-0.56	2.16	2.9	161
150	165.1	+1.60	-0.79	15.88	8.74	160.9	-0.56	2.16	2.9	167.1
150	168.3	+1.60	-0.79	15.88	8.74	163.96	-0.56	2.16	2.9	170.7
200	219.1	+1.60	-0.79	19.05	11.91	214.4	-0.64	2.34	2.9	221.5
250	273	+1.60	-0.79	19.05	11.91	268.28	-0.69	2.39	3.6	275.4
300	323.9	+1.60	-0.79	19.05	11.91	318.29	-0.76	2.77	4	326.2
350	355.6	+1.60	-0.79	23.8	12.7	350	-0.76	2.77	4	358.1
350	377	+1.60	-0.79	23.8	12.7	371.1	-0.76	2.77	4	379.5
400	406.4	+1.60	-0.79	23.8	12.7	400.8	-0.76	2.77	4.2	408.9
400	426	+1.60	-0.79	23.8	12.7	419.5	-0.76	2.77	4.2	428.5
450	457.2	+1.60	-0.79	25.4	12.7	451.6	-0.76	2.77	4.5	461.3
450	480	+1.60	-0.79	25.4	12.7	474.2	-0.76	2.77	4.5	484.1
500	508	+1.60	-0.79	25.4	12.7	502.4	-0.76	2.77	4.8	512.1
500	530	+1.60	-0.79	25.4	12.7	524.2	-0.76	2.77	6	534.2
600	609.6	+1.60	-0.79	25.4	14.3	600.9	-0.76	4.37	6	617.4
600	630	+1.60	-0.79	25.4	14.3	620.2	-0.76	4.37	6	635.1

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

10/72

PRECISION YOU CAN TRUST

Ver. A, 15032026, © Blaze 2026



BLAZE



Expansion Joint



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Max End Load (Lbs / KN)	Axial Displacement (mm / in)	Angular Movement		Dimension (mm / in)			Bolt/Nut
					Degree Per Coupling (°)	Per Pipe (mm/in)	A	B	C	
25 1	33.7 1.315	2.07 300	670 3.12	0.0625 1.6	2°-45'	0.58 48	98	58	45	2-M10*50
32 1¼	42.4 1.66	2.07 300	1080 4.94	0.0625 1.6	2°-10'	0.46 38	106	68	45	2-M10*50
40 1½	48.3 1.9	2.07 300	1410 6.41	0.0625 1.6	1°-54'	0.4 33	112	73	45	2-M10*50
50 2	60.3 2.375	2.07 300	2210 9.99	0.0625 1.6	1°-31'	0.32 27	128	86	45	2-M10*55
65 2½	73 2.875	2.07 300	3240 14.64	0.0625 1.6	1°-15'	0.26 22	138	98	45	2-M10*55
65 2½	76.1 3	2.07 300	3530 15.91	0.0625 1.6	1°-12'	0.25 21	139	99	45	2-M10*55
80 3	88.9 3.5	2.07 300	4800 21.71	0.0625 1.6	1°-02'	0.22 18	158	112	45	2-M10*60
100 4	114.3 4.5	2.07 300	7940 35.89	0.125 3.2	1°-36'	0.34 28	192	143	50	2-M12*70
125 5	139.7 5.5	2.07 300	10680 47.49	0.125 3.2	1°-18'	0.28 23	223	169	50	2-M12*75
125 5	141.3 5.563	2.07 300	10930 48.59	0.125 3.2	1°-18'	0.27 23	223	169	50	2-M12*75
150 6	165.1 6.5	2.07 300	14920 66.33	0.125 3.2	1°-07'	0.24 20	252	196	50	2-M12*75
150 6	168.3 6.625	2.07 300	15500 68.93	0.125 3.2	1°-05'	0.23 19	252	198	50	2-M12*75
200 8	216.3 8.516	2.07 300	17079 73.45	0.125 3.2	0°-51'	0.18 15	322	252	60	2-M16*90
200 8	219.1 8.625	2.07 300	26270 116.82	0.125 3.2	0°-50'	0.18 15	322	254	58	2-M16*90
250 10	267.4 10.528	2.07 300	26103 112.26	0.125 3.2	0°-41'	0.15 12	384	309	62	2-M20*100
250 10	273 10.75	2.07 300	27210 117.01	0.125 3.2	0°-40'	0.14 12	388	314	62	2-M20*110
300 12	318.5 12.539	2.07 300	37027 159.26	0.125 3.2	0°-35'	0.12 10	440	362	62	2-M20*110
300 12	323.9 12.75	2.07 300	38280 164.71	0.125 3.2	0°-34'	0.12 10	443	365	62	2-M20*110

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

11/72

Ver. A, 15032026, © Blaze 2026



BLAZE

Installation Instructions

For Rigid & Flexible Coupling



1 : Pipe Preparation

Before installation, please make sure the pipe outer surface from the end to the grooved shall be clean and smooth. No lumps and bumps, no paint particles, or other factors that will influence seal of gasket.



2 : Lubricate gasket

Check gasket to make sure that its compatible for the intended service. Then, lubricate gasket.



3 : Install gasket

Set and fix the gasket on the end of pipe.



4 : Alignment

Align the two pipes and slide the gasket to the groove. Please make sure the gasket does not slide into pipes.



5 : House Coupling

Dismantle the bolt and nut of one side and loosen that of the other side. Then house one point coupling onto the gasket, and do the same to the other part. Firstly, align the two parts manually.



6 : Tighten nuts

First tighten nuts manually, and then with a torque wrench. Try to make sure the two oval necks, completely inset into the hole holes.



7 a : Assembly completed-Rigid Coupling

Check the pipe connections, making sure the coupling totally clamped into the pipe grooves with the same seam in the pipe connection place and the gasket being invisible.



7 b : Assembly completed-Flexible Coupling

Check the pipe connections, making sure the coupling totally clamped into the pipe grooves with the same seam in the pipe connection place and the gasket being invisible.

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

12/72

Ver. A, 15032026, © Blaze 2026



BLAZE

Installation Instructions

For Threaded & Grooved Mechanical Tee



1 : Pipe Preparation

The pipe outer surface within 16mm around the hole shall be clean and smooth, burr-free, with no concave or convex (including weld), with no paint peeling or rolling indentations. The hole shall not be opened on weld. Inspection shall be performed prior to the installation, making sure there being no such defect which will affect the gasket seal.



2 : Remove burrs

Sharp points or burrs (if any) shall be removed before the installation, to avoid damage to gasket and poor seal, resulting in leakage.



3 : Gasket installation

Place the gasket into the groove of mechanical tee with circular are surface down, making sure the gasket properly positioned surround the hole.



4 : Alignment

Clamp the housing onto the pipe and align the main part with the housing. Insert bolt into one side bolt hole and tighten nut manually and do the same to the other side. Check the main part and adjust it to the right place.



5 : Tighten Nuts

Hold the pipe with one hand, and tighten nuts uniformly with a torque wrench according to the rated bolt torque.



6 : Assembly Completed

Check the pipe connection, and make sure there being uniform gap between the main part and housing.

Specified Bolt Torque		
Bolt Size		Specified Bolt Torque
mm	in	N.m
M10	3/8"	40-55
M12	1/2"	120-140
M16	5/8"	135-175
M20	3/4"	200-275
M22	7/8"	240-300
M24	1"	270-350

Caution

To reach the rated performance, need proper bolt torque. Bolt torque over the damaged castings and bolt (bolt fracture, and the resulting) loose connection, Bolt torque is too low will decrease the pressure maintaining performance, reduced bending load capacity, leakage or lead to loose connection, Once the pipe connection loss, can cause significant damage to property and serious personal injury !

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

13/72

Ver. A, 15032026, © Blaze 2026



BLAZE

Installation Instructions

For Grooved Flange



1 : Pipe Preparation

The pipe outer surface from the end to the groove shall be clean and smooth, burr-free, with no concave or convex (including weld), with no paint peeling or rolling indentations. Inspection shall be performed prior to the installation, making sure there being no such defect which will affect the gasket seal.



2 : Lubricate Gasket

Check gasket to make sure that it's compatible for the intended service. Apply a thin layer of lubricant to the gasket sealing lip and pipe outer surface, and avoid the extrusion of rubber ring when installing



3 : Lubricate Gasket

Slide the gasket on pipe to the end with the gasket opening facing the direction A, making sure that the gasket seal flush with the pipe end.



4 : Housing Installation

Dismantle the bolts from the sides of flange housings. Clamp the housing into the groove installed with gasket, and insert the bolts and tighten nuts manually.



5 : Tighten Nuts

Put the plum wrench around the hexagon point to avoid rotation of the bolt. Uniformly tighten nuts with a torque wrench to achieve the rated torque.



6 : Connect Mating Flange

Align the bolt holes of the flange with those of the valve flange surface. Insert standard flange bolts into the holes, respectively, and tighten nuts uniformly in diagonal alternating manner, until reaching the recommended torque value for standard flange connection.

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

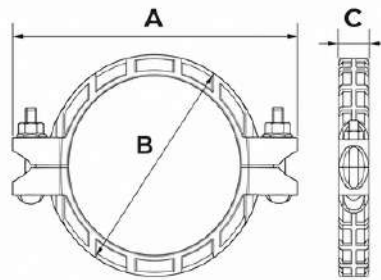
PRECISION YOU CAN TRUST

14/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

High Pressure Rigid Coupling

Model BT-1GH

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
25	33.7	3.45	98	58	45	M10*50
1	1.315	500				
32	42.4	3.45	106	68	45	M10*50
1¼	1.66	500				
40	48.3	3.45	112	73	45	M10*50
1½	1.9	500				
50	60.3	3.45	128	90	45	M10*55
2	2.375	500				
65	73	3.45	138	96	45	M10*55
2½	2.875	500				
65	76.1	3.45	141	104	45	M10*55
2½	3	500				
80	88.9	3.45	158	118	45	M10*60
3	3.5	500				
100	114.3	3.45	192	148	50	2-M12*75
4	4.5	500				
125	139.7	3.45	223	174	50	2-M12*75
5	5.5	500				
125	141.3	3.45	223	175	50	2-M12*75
5	5.563	500				
150	165.1	3.45	264	204	50	2-M16*90
6	6.5	500				
150	168.3	3.45	266	208	50	2-M16*90
6	6.625	500				
200	216.3	3.45	322	260	60	2-M16*90
8	8.516	500				
200	219.1	3.45	326	265	60	2-M16*90
8	8.625	500				
250	267.4	3.45	390	321	62	2-M20*100
10	10.528	500				
250	273	3.45	396	328	62	2-M20*110
10	10.75	500				
300	318.5	3.45	446	369	62	2-M20*110
12	12.539	500				
300	323.9	3.45	452	378	64	2-M20*110
12	12.75	500				

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**15/72**

Ver. A, 15032026, © Blaze 2026

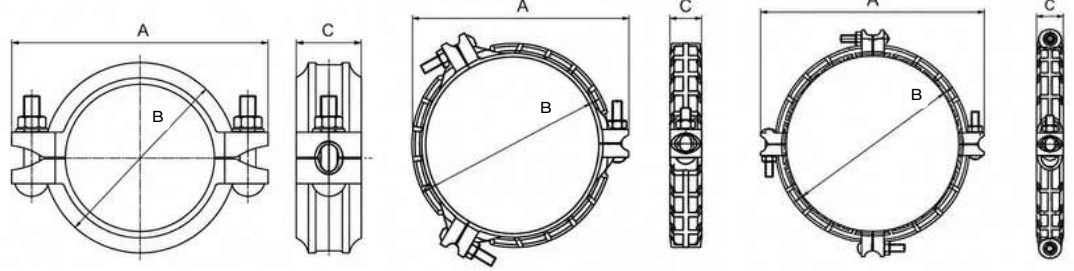


BLAZE



Rigid Coupling

Model BT-1GS



14" (355 mm) - 18" (480 mm)

20" (508 mm) - 24" (630 mm)

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
25	33.7	2.07	98	58	45	M10*50
1	1.315	300				
32	42.4	2.07	106	68	45	M10*50
1¼	1.66	300				
40	48.3	2.07	112	73	45	M10*50
1½	1.9	300				
50	60.3	2.07	128	86	45	M10*55
2	2.375	300				
65	73	2.07	138	96	45	M10*55
2½	2.875	300				
65	76.1	2.07	139	99	45	M10*55
2½	3	300				
80	88.9	2.07	158	112	45	M10*60
3	3.5	300				
100	108	2.07	184	136	48	2-M12*65
4	4.25	300				
100	114.3	2.07	192	143	50	2-M12*70
4	4.5	300				
125	133	2.07	212	161	50	2-M12*75
5	5.24	300				
125	139.7	2.07	223	169	50	2-M12*75
5	5.5	300				
125	141.3	2.07	223	169	50	2-M12*75
5	5.563	300				
150	159	2.07	240	190	48	2-M12*75
6	6.26	300				
150	165.1	2.07	252	198	50	2-M12*75
6	6.5	300				
150	168.3	2.07	252	200	50	2-M12*75
6	6.625	300				
200	216.3	2.07	322	252	60	2-M16*90
8	8.516	300				
200	219.1	2.07	322	254	58	2-M16*90
8	8.625	300				
250	267.4	2.07	384	309	62	2-M20*100
10	10.528	300				

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
250	273	2.07	388	314	62	2-M20*110
10	10.75	300				
300	318.5	2.07	440	362	62	2-M20*110
12	12.539	300				
300	323.9	2.07	443	365	62	2-M20*110
12	12.75	300				
350	355.5	2.07	460	416	72	3-M22*110
14	14	300				
350	377	2.07	485	441	72	3-M22*110
14	14.85	300				
400	406.4	2.07	512	468	72	3-M22*110
16	16	300				
400	426	1.6	534	490	72	3-M22*110
16	16.77	225				
450	457.2	1.6	569	524	78	3-M22*110
18	18	225				
450	480	1.6	630	533	78	3-M22*110
18	18.898	225				
500	508	1.6	660	576	78	4-M22*110
20	20	225				
500	530	1.6	700	595	78	4-M22*110
20	20.866	225				
600	609.6	1.6	784	680	78	4-M24*110
24	24	225				
600	630	1.6	796	692	78	4-M24*110
24	24.8	225				

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

16/72

Ver. A, 15032026, © Blaze 2026

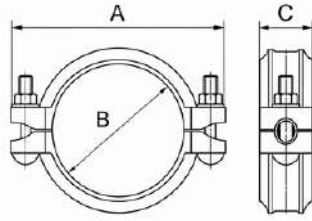


BLAZE

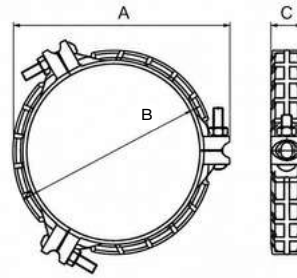


Flexible Coupling

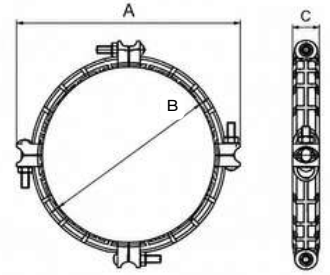
Model BT-1FS



1" (33.7 mm) - 12" (323.9 mm)



14" (355 mm) - 18" (480 mm)



20" (508 mm) - 24" (630 mm)

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
25	33.7	2.07	98	58	45	M10*50
1	1.315	300				
32	42.4	2.07	106	68	45	M10*50
1¼	1.66	300				
40	48.3	2.07	112	73	45	M10*50
1½	1.9	300				
50	60.3	2.07	128	86	45	M10*55
2	2.375	300				
65	73	2.07	138	96	45	M10*55
2½	2.875	300				
65	76.1	2.07	139	99	45	M10*55
2½	3	300				
80	88.9	2.07	158	112	45	M10*60
3	3.5	300				
100	108	2.07	184	136	48	2-M12*65
4	4.25	300				
100	114.3	2.07	192	143	50	2-M12*70
4	4.5	300				
125	133	2.07	212	161	50	2-M12*75
5	5.24	300				
125	139.7	2.07	223	169	50	2-M12*75
5	5.5	300				
125	141.3	2.07	223	169	50	2-M12*75
5	5.563	300				
150	159	2.07	240	190	48	2-M12*75
6	6.26	300				
150	165.1	2.07	252	198	50	2-M12*75
6	6.5	300				
150	168.3	2.07	252	200	50	2-M12*75
6	6.625	300				
200	216.3	2.07	322	252	60	2-M16*90
8	8.516	300				
200	219.1	2.07	322	254	58	2-M16*90
8	8.625	300				
250	267.4	2.07	384	309	62	2-M20*100
10	10.528	300				

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
250	273	2.07	388	314	62	2-M20*110
10	10.75	300				
300	318.5	2.07	440	362	62	2-M20*110
12	12.539	300				
300	323.9	2.07	443	365	62	2-M20*110
12	12.75	300				
350	355.5	2.07	460	416	72	3-M22*110
14	14	300				
350	377	2.07	485	441	72	3-M22*110
14	14.85	300				
400	406.4	2.07	512	468	72	3-M22*110
16	16	300				
400	426	1.6	534	490	72	3-M22*110
16	16.77	225				
450	457.2	1.6	569	524	78	3-M22*110
18	18	225				
450	480	1.6	630	533	78	3-M22*110
18	18.898	225				
500	508	1.6	660	576	78	4-M22*110
20	20	225				
500	530	1.6	700	595	78	4-M22*110
20	20.866	225				
600	609.6	1.6	784	680	78	4-M24*110
24	24	225				
600	630	1.6	796	692	78	4-M24*110
24	24.8	225				

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

17/72

Ver. A, 15032026, © Blaze 2026

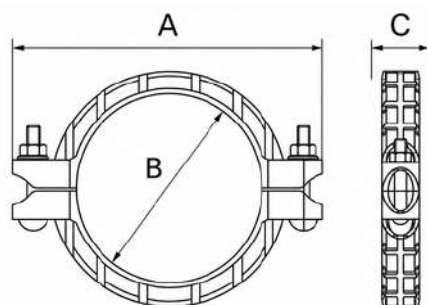


BLAZE



High Pressure Flexible Coupling

Model BT-1FH



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
25	33.7	3.45	98	58	45	M10*50
1	1.315	500				
32	42.4	3.45	106	68	45	M10*50
1¼	1.66	500				
40	48.3	3.45	112	73	45	M10*50
1½	1.9	500				
50	60.3	3.45	128	90	45	M10*55
2	2.375	500				
65	73	3.45	138	96	45	M10*55
2½	2.875	500				
65	76.1	3.45	141	104	45	M10*55
2½	3	500				
80	88.9	3.45	158	118	45	M10*60
3	3.5	500				
100	114.3	3.45	192	148	50	2-M12*75
4	4.5	500				
125	139.7	3.45	223	174	50	2-M12*75
5	5.5	500				
125	141.3	3.45	223	175	50	2-M12*75
5	5.563	500				
150	165.1	3.45	264	204	48	2-M16*90
6	6.5	500				
150	168.3	3.45	266	208	50	2-M16*90
6	6.625	500				
200	216.3	3.45	322	260	60	2-M16*90
8	8.516	500				
200	219.1	3.45	326	265	60	2-M16*90
8	8.625	500				
250	267.4	3.45	390	321	62	2-M20*100
10	10.528	500				
250	273	3.45	396	328	62	2-M20*110
10	10.75	500				
300	318.5	3.45	446	369	62	2-M20*110
12	12.539	500				
300	323.9	3.45	452	378	64	2-M20*110
12	12.75	500				

BLAZETECH SYSTEMS LTD.



contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

18/72

Ver. A, 15032026, © Blaze 2026

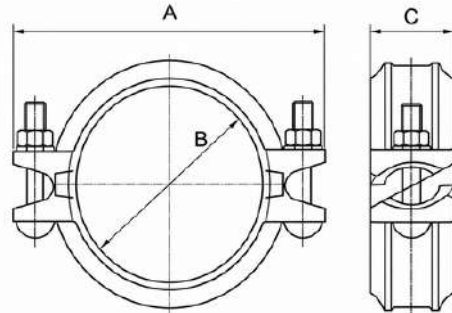


BLAZE



Angle Pad Coupling

Model BT-1AP



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
25	33.7	2.07	98	58	45	M10*50
1	1.315	300				
32	42.4	2.07	106	68	45	M10*50
1¼	1.66	300				
40	48.3	2.07	112	73	45	M10*50
1½	1.9	300				
50	60.3	2.07	128	86	45	M10*55
2	2.375	300				
65	73	2.07	138	96	45	M10*55
2½	2.875	300				
65	76.1	2.07	139	99	45	M10*55
2½	3	300				
80	88.9	2.07	158	112	45	M10*60
3	3.5	300				
100	114.3	2.07	192	143	50	2-M12*70
4	4.5	300				
125	139.7	2.07	223	169	50	2-M12*75
5	5.5	300				
125	141.3	2.07	223	169	50	2-M12*75
5	5.563	300				
150	165.1	2.07	252	198	50	2-M16*75
6	6.5	300				
150	168.3	2.07	252	200	50	2-M16*75
6	6.625	300				
200	216.3	2.07	326	252	60	2-M16*90
8	8.516	300				
200	219.1	2.07	336	259	60	2-M20*110
8	8.625	300				
250	267.4	2.07	384	309	62	2-M20*110
10	10.528	300				
250	273	2.07	388	314	62	2-M20*110
10	10.75	300				
300	318.5	2.07	440	362	62	2-M20*130
12	12.539	300				
300	323.9	2.07	452	370	64	2-M20*130
12	12.75	300				

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

19/72

Ver. A, 15032026, © Blaze 2026

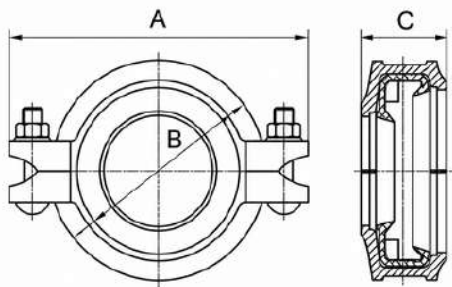


BLAZE



Reducing Coupling

Model BT-1GR



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
32 * 25 1.25 * 1	42.4 * 33.7 1.66 * 1.327	2.07 300	106	67	45	2-M10 * 50
40 * 25 1.5 * 1	48.3 * 33.7 1.9 * 1.327	2.07 300	114	74	45	2-M10 * 50
40 * 32 1.5 * 1.25	48.3 * 42.4 1.9 * 1.327	2.07 300	114	74	45	2-M10 * 50
50 * 25 2 * 1	60.3 * 33.7 2.375 * 1.327	2.07 300	128	86	45	2-M10 * 50
50 * 32 2 * 1.25	60.3 * 42.4 2.375 * 1.66	2.07 300	128	86	45	2-M10 * 50
50 * 40 2 * 1.5	60.3 * 48.3 2.375 * 1.9	2.07 300	128	86	45	2-M10 * 50
65 * 25 2.5 * 1	73 * 33.7 2.875 * 1.327	2.07 300	146	104	45	2-M10 * 55
65 * 32 2.5 * 1.25	73 * 42.4 2.875 * 1.66	2.07 300	146	104	45	2-M10 * 55
65 * 40 2.5 * 1.5	73 * 48.3 2.875 * 1.9	2.07 300	146	104	45	2-M10 * 55
65 * 50 2.5 * 2	73 * 60.3 2.875 * 2.375	2.07 300	146	104	45	2-M10 * 55
65 * 25 2.5 * 1	76.1 * 33.7 3 * 1.327	2.07 300	146	104	45	2-M10 * 55
65 * 32 2.5 * 1.25	76.1 * 42.4 3 * 1.66	2.07 300	146	104	45	2-M10 * 55
65 * 40 2.5 * 1.5	76.1 * 48.3 3 * 1.9	2.07 300	146	104	45	2-M10 * 55
65 * 50 2.5 * 2	76.1 * 60.3 3 * 2.375	2.07 300	146	104	45	2-M10 * 55
80 * 25 3 * 1	88.9 * 33.7 3.5 * 1.315	2.07 300	160	116	45	2-M10 * 55
80 * 32 3 * 1.25	88.9 * 42.4 3.5 * 1.66	2.07 300	160	116	45	2-M10 * 55
80 * 40 3 * 1.5	88.9 * 48.3 3.5 * 1.9	2.07 300	160	116	45	2-M10 * 55
80 * 50 3 * 2	88.9 * 60.3 3.5 * 2.375	2.07 300	160	116	45	2-M10 * 55
80 * 65 3 * 2.5	88.9 * 73 3.5 * 2.875	2.07 300	160	116	45	2-M10 * 55
80 * 65 3 * 2.5	88.9 * 76.1 3.5 * 3	2.07 300	160	116	45	2-M10 * 55
100 * 25 4 * 1	114.3 * 33.7 4.5 * 1.315	2.07 300	194	146	48	2-M12 * 65
100 * 32 4 * 1.25	114.3 * 42.4 4.5 * 1.66	2.07 300	194	146	48	2-M12 * 65
100 * 40 4 * 1.25	114.3 * 48.3 4.5 * 1.9	2.07 300	194	146	48	2-M12 * 65
100 * 50 4 * 2	114.3 * 60.3 4.5 * 2.375	2.07 300	194	146	48	2-M12 * 65
100 * 65 4 * 2.5	114.3 * 73 4.5 * 2.875	2.07 300	194	146	48	2-M12 * 65

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B	C	
100 * 65 4 * 2.5	114.3 * 76.1 4.5 * 3	2.07 300	194	146	48	2-M12 * 65
100 * 80 4 * 3	114.3 * 88.9 4.5 * 3.5	2.07 300	194	146	48	2-M12 * 65
125 * 50 5 * 2	139.7 * 60.3 5.5 * 2.375	2.07 300	222	170	48	2-M12 * 75
125 * 65 5 * 2.5	139.7 * 76.1 5.5 * 3	2.07 300	222	170	48	2-M12 * 75
125 * 80 5 * 3	139.7 * 88.9 5.5 * 3.5	2.07 300	222	170	48	2-M12 * 75
125 * 100 5 * 4	139.7 * 114.3 5.5 * 4.5	2.07 300	222	170	50	2-M12 * 75
125 * 65 5 * 2.5	141.3 * 73 5.563 * 2.875	2.07 300	222	172	48	2-M12 * 75
125 * 80 5 * 3	141.3 * 88.9 5.563 * 3.5	2.07 300	222	172	48	2-M12 * 75
125 * 100 5 * 4	141.3 * 114.3 5.563 * 4.5	2.07 300	222	172	50	2-M12 * 75
150 * 65 6 * 2.5	165.1 * 76.1 6.5 * 3	2.07 300	259	196	50	2-M16 * 85
150 * 80 6 * 3	165.1 * 88.9 6.5 * 3.5	2.07 300	259	196	50	2-M16 * 85
150 * 100 6 * 4	165.1 * 114.3 6.5 * 4.5	2.07 300	259	196	50	2-M16 * 85
150 * 125 6 * 5	165.1 * 139.7 6.5 * 5.5	2.07 300	259	196	50	2-M16 * 85
150 * 100 6 * 2	168.3 * 60.3 6.625 * 2.375	2.07 300	264	208	49	2-M16 * 85
150 * 80 6 * 3	168.3 * 88.9 6.625 * 3.5	2.07 300	264	208	49	2-M16 * 85
150 * 100 6 * 4	168.3 * 114.3 6.625 * 4.5	2.07 300	264	208	50	2-M16 * 85
150 * 125 6 * 5	168.3 * 139.7 6.625 * 5.5	2.07 300	264	208	50	2-M16 * 85
150 * 125 6 * 5	168.3 * 141.3 6.625 * 5.563	2.07 300	264	208	50	2-M16 * 85
200 * 50 8 * 2	219.1 * 60.3 8.625 * 2.375	2.07 300	336	255	58	2-M20 * 100
200 * 80 8 * 3	219.1 * 88.9 8.625 * 3.5	2.07 300	336	255	58	2-M20 * 100
200 * 100 8 * 4	219.1 * 114.3 8.625 * 4.5	2.07 300	336	255	60	2-M20 * 100
200 * 125 8 * 5	219.1 * 139.7 8.625 * 5.5	2.07 300	336	255	60	2-M20 * 100
200 * 125 8 * 5	219.1 * 141.3 8.625 * 5.563	2.07 300	336	255	60	2-M20 * 100
200 * 150 8 * 6	219.1 * 165.1 8.625 * 6.5	2.07 300	336	255	60	2-M20 * 100
200 * 150 8 * 6	219.1 * 168.3 8.625 * 6.625	2.07 300	336	255	60	2-M20 * 100

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

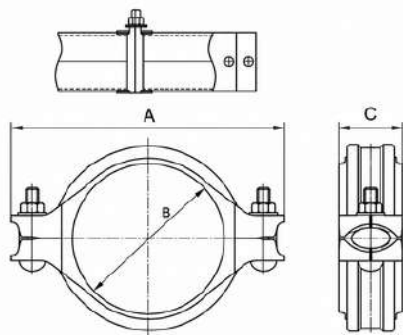
PRECISION YOU CAN TRUST

20/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Shouldered Flexible Coupling

Model BT-SFC

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut	Shoulder O.D (mm/in) ΦD1	Shoulder Length (mm/in) L1	Nominal Gap (mm/in) E
			A	B	C				
40 1½	48.3 1.9	4.14 600	112	73	45	2-M10*50	52 2.047	12.5 0.492	3.2 0.125
50 2	60.3 2.375	4.14 600	128	86	45	2-M10*55	66.5 2.628	16 0.625	3.2 0.125
65 2½	73 2.875	4.14 600	138	96	45	2-M10*55	80 3.15	13 0.512	3.2 0.125
65 2½	76.1 3	4.14 600	139	99	45	2-M10*55	83 3.268	13 0.512	3.2 0.125
80 3	88.9 3.5	4.14 600	158	112	45	2-M10*60	97 3.819	16 0.625	3.2 0.125
90 3½	101.6 4	4.14 600	208	140	46	2-M10*60	108 4.252	15.5 0.61	3.2 0.125
100 4	114.3 4.5	4.14 600	192	143	50	2-M12*75	122 4.803	17.5 0.688	3.2 0.125
125 5	139.7 5.5	4.14 600/4.1	223	169	50	2-M12*75	148.5 5.84	17.5 0.688	3.2 0.125
125 5	141.3 5.563	4 600	223	169	50	2-M12*75	150 5.91	17.5 0.688	3.2 0.125
150 5	165.1 6.5	4.14 600	252	198	50	2-M12*75	174.5 6.87	17.5 0.688	3.2 0.125
150 6	168.3 6.625	4.14 600	252	200	50	2-M12*75	178 7.007	17.5 0.688	3.2 0.125
200 8	216.3 8.516	4.14 600	326	252	60	2-M16*90	229 9.02	20.6 0.813	3.2 0.125
200 8	219.1 8.625	4.14 600	336	259	60	2-M20*110	232 9.314	20.6 0.813	3.2 0.125
250 10	267.4 10.528	4.14 600	384	309	62	2-M20*100	280 11.02	20.6 0.813	3.2 0.125
250 10	273 10.75	4.14 600	388	314	62	2-M20*110	286 11.26	20.6 0.813	3.2 0.125
300 12	318.5 12.539	4.14 600	440	362	62	2-M20*110	331 13.03	20.6 0.813	3.2 0.125
300 12	323.9 12.75	4.14 600	452	370	64	2-M20*130	336.5 13.248	20.6 0.813	3.2 0.125

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**21/72**

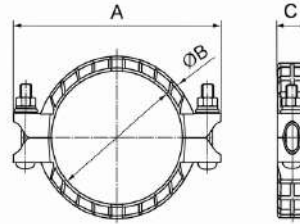
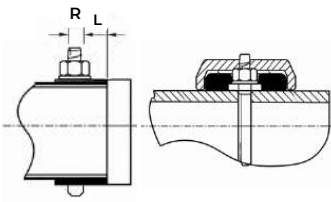
Ver. A, 15032026, © Blaze 2026



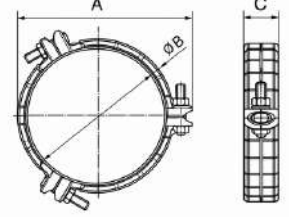
BLAZE

Ring Joint Coupling

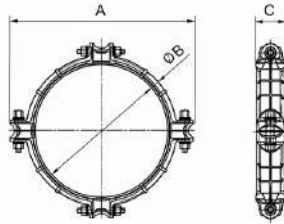
Model BT-RJC



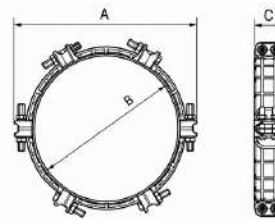
5" (139.7mm) - 12" (323.9mm))



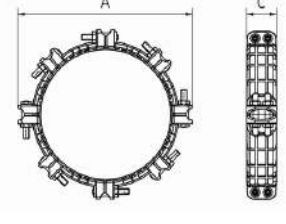
14" (355mm) - 18" (457mm)



20" (508mm) - 26" (610mm)



28" (711mm) - 38" (965mm)



40" (1016mm) - 96" (2437mm)

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)					Bolt / Nut
			A	B	C	L	R	
125 5	139.7 5.5	6.90 1000	239	176	79	20	8.0	2-M16x90
200 8	219.1 8.625	6.90 1000	336	262	82	23	6.0	2-M20x90
250 10	273.0 10.75	6.90 1000	386	312	83	23	6.0	2-M20x120
300 12	323.9 12.75	6.90 1000	455	374	86	26	8.0	2-M20x120
200 8	216.3 8.516	6.90 1000	327	253	79	23	6.0	2-M20x120
250 10	267.4 10.528	6.90 1000	380	306	86	26	8.0	2-M20x120
300 12	318.5 12.539	6.90 1000	450	369	93	26	8.0	2-M22x140
350 14	355.6 14	6.90 1000	493	405	93	26	8.0	3-M22x140
400 16	406.4 16	6.90 1000	547	455	107	30	8.0	6-M24x140
450 18	457.2 18	6.90 1000	614	517	110	30	9.5	6-M22x140
500 20	508.1 20	6.90 1000	660	570	123	30	12.7	8-M24x140
600 24	609.6 24	6.90 1000	762	690	170	50	12.7	8-M24x140
650 26	660.4 26	6.90 1000	832	751	170	50	12.7	8-M22x90
700 28	711.2 28	6.90 1000	901	806	170	50	12.7	12-M22x90
780 30	762.0 30	6.90 1000	955	857	170	50	12.7	12-M22x90
800 32	812.8 32	6.90 1000	1002	908	170	50	12.7	12-M22x90

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)					Bolt / Nut
			A	B	C	L	R	
850 34	863.4 34	6.90 1000	1067	959	200	50	12.7	12-M22x90
900 36	914.4 36	6.90 1000	1103	1010	200	50	12.7	12-M22x90
950 38	965.2 38	6.90 1000	1156	1060	200	50	12.7	12-M22x90
1000 40	1016.0 40	6.90 1000	1229	1135	200	60	15.9	16-M30x130
1050 42	1066.8 42	6.90 1000	1288	1186	200	60	15.9	16-M30x130
1100 44	1117.6 44	6.90 1000	1337	1236	200	60	15.9	16-M30x130
1200 48	1219.2 48	6.90 1000	1420	1338	200	60	15.9	16-M30x130
1300 52	1320.8 52	6.90 1000	1541	1555	200	60	15.9	16-M30x130
1350 54	1371.6 54	6.90 1000	1588	1607	200	60	15.9	16-M30x130
1400 56	1422.4 56	6.90 1000	1643	1660	200	60	15.9	16-M30x130
1500 60	1524.0 60	6.90 1000	1748	1762	200	60	15.9	16-M30x130
1650 66	1676.7 66	6.90 1000	1924	1932	216	60	19.1	16-M30x130
1700 68	1727.2 68	6.90 1000	1982	1994	216	60	19.1	16-M30x130
1800 72	1828.8 72	6.90 1000	2090	2095	216	60	19.1	16-M30x130
2100 84	2133.6 84	6.90 1000	2383	2406	216	60	19.1	16-M30x130
2400 96	2437.4 96	6.90 1000	106.54 2706	106.75 2711	216	60	19.1	16-M30x130

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

22/72

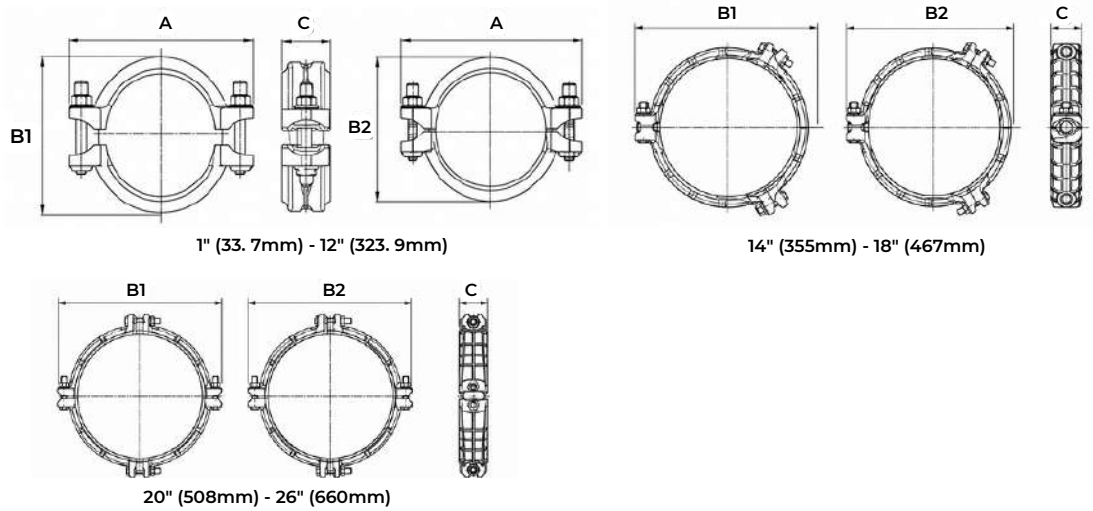
Ver. A, 15032026, © Blaze 2026



BLAZE

Quick Install Coupling

Model BT-QIC



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B1 / B2	C	
25	33.7	2.07	94	71/54	47	2-M10*60
1	1.315	300				
32	42.4	2.07	104	79/63	47	2-M10*60
1¼	1.66	300				
40	48.3	2.07	112	83/70	47	2-M10*60
1½	1.9	300				
50	60.3	2.07	128	95/81	47	2-M10*60
2	2.375	300				
65	73	2.07	139	107/95	47	2-M10*60
2½	2.875	300				
65	76.1	2.07	142	110/98	47	2-M10*60
2½	3	300				
80	88.9	2.07	160	126/112	47	2-M10*60
3	3.5	300				
100	114.3	2.07	192	154/140	50	2-M12*70
4	4.5	300				
125	139.7	2.07	222	179/166	50	2-M12*75
5	5.5	300				
125	141.3	2.07	224	180/167	50	2-M12*75
5	5.563	300				
150	165.1	2.07	254	207/192	50	2-M12*75
6	6.5	300				
150	168.3	2.07	258	211/197	50	2-M12*75
6	6.625	300				
200	216.3	2.07	328	264/250	62	2-M16*90
8	8.516	300				
200	219.1	2.07	345	290/261	66	2-3/4*5
8	8.625	300				
250	273	2.07	408	348/330	68	2-7/8*6-1/2
10	10.75	300				
300	323.9	2.07	460	402/379	68	2-7/8*6-1/2
12	12.75	300				
350	355.6	2.07	-	475/466	74	3-M22*110
14	14.00	300				
400	406.4	2.07	-	520/510	74	3-M22*110
16	16.00	300				

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Bolt / Nut
			A	B1 / B2	C	
18	457	2.07	-	585/566	78	3-M22*110
450	18	300				
20	508	2.07	-	668/650	78	4-M22*110
500	20	300				
22	559	2.07	-	728/714	80	4-M22*110
550	22	300				
24	610	2.07	-	810/796	80	4-M22*110
600	24	300				
26	660	2.07	-	876/860	80	4-M22*110
650	26	300				

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

23/72

Ver. A, 15032026, © Blaze 2026



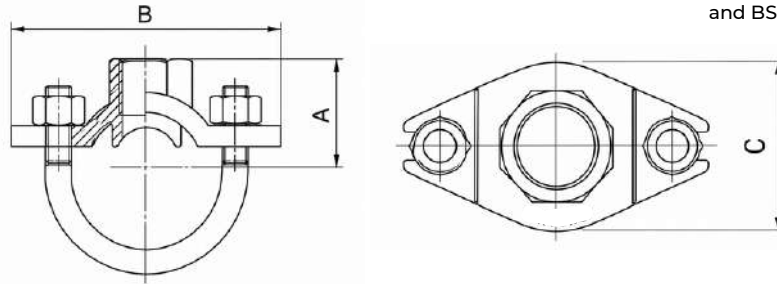
BLAZE



U-Bolt Mechanical Tee

Model BT-3L

NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)			Hole Diameter (mm/in)	Bolt / Nut
			A	B	C		
25*15 1*½	33.7*21.3 1.327*0.825	2.07 300	39	84	50	25 1	M10*52
25*20 1*¾	33.7*26.9 1.327*1.05	2.07 300	45	84	50	25 1	M10*52
25*25 1*1	33.7*33.7 1.327*1.327	2.07 300	50	93	56	25 1	M10*52
32*15 1¼*½	42.4*21.3 1.669*0.825	2.07 300	40	90	56	30 1.18	M10*54
32*20 1¼*¾	42.4*26.9 1.669*1.05	2.07 300	42	90	56	30 1.18	M10*54
32*25 1¼*1	42.4*33.7 1.669*1.327	2.07 300	52	90	56	30 1.18	M10*54
40*15 1½*½	48.3*21.3 1.9*0.825	2.07 300	45	90	56	30 1.18	M10*65
40*20 1½*¾	48.3*26.9 1.9*1.05	2.07 300	45	90	56	30 1.18	M10*65
40*25 1½*1	48.3*33.7 1.9*1.327	2.07 300	55	90	56	30 1.18	M10*65
50*15 2*½	60.3*21.3 2.375*0.825	2.07 300	50	95	56	30 1.18	M10*76
50*20 2*¾	60.3*26.9 2.375*1.05	2.07 300	50	95	56	30 1.18	M10*76
50*25 2*1	60.3*33.7 2.375*1.327	2.07 300	60	95	56	30 1.18	M10*76
65*15 2½*½	73*21.3 2.875*0.825	2.07 300	57	112	56	30 1.18	M10*92
65*20 2½*¾	73*26.9 2.875*1.05	2.07 300	61	112	62	30 1.18	M10*92
65*25 2½*1	73*33.7 2.875*1.327	2.07 300	68	112	62	30 1.18	M10*92
65*15 2½*½	76.1*21.3 3*0.825	2.07 300	57	112	56	30 1.18	M10*92
65*20 2½*¾	76.1*26.9 3*1.05	2.07 300	58	112	56	30 1.18	M10*92
65*25 2½*1	76.1*33.7 3*1.327	2.07 300	68	112	56	30 1.18	M10*92
80*15 3*	88.9*21.3 3.5*0.825	2.07 300	63	122	56	30 1.18	M10*105
80*20 3*¾	88.9*26.9 3.5*1.05	2.07 300	65	122	56	30 1.18	M10*105
80*25 3*1	88.9*33.7 3.5*1.327	2.07 300	74	122	56	30 1.18	M10*105

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

24/72

Ver. A, 15032026, © Blaze 2026

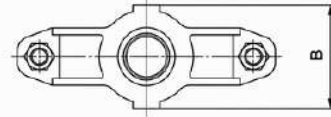
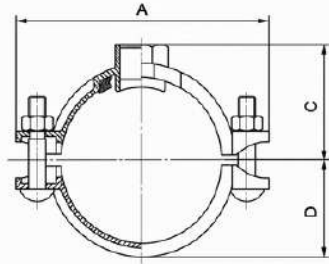


BLAZE



Threaded Mechanical Tee

Model : BT-MTT



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)				Hole Dia mm/in	Bolt Size
			A	B	C	D		
25*15 1**3/2"	33.7*21.3 1.327*0.825	2.07 300	94	50	39	25	25	2-M10*50
25*20 1**3/4"	33.7*26.9 1.327*1.05	2.07 300	94	50	45	25	25	2-M10*50
25*25 1**1"	33.7*33.7 1.327*1.327	2.07 300	94	50	50	25	25	2-M10*50
32*15 1 1/2**1/2"	42.4*21.3 1.669*0.825	2.07 300	100	56	40	29	30	2-M10*50
32*20 1 1/2**3/4"	42.4*26.9 1.669*1.05	2.07 300	100	56	43	29	30	2-M10*50
32*25 1 1/2**1"	42.4*33.7 1.669*1.327	2.07 300	100	56	51	29	30	2-M10*50
40*15 1 1/2**1/2"	48.3*21.3 1.9*0.825	2.07 300	103	56	43	32	30	2-M10*50
40*20 1 1/2**3/4"	48.3*26.9 1.9*1.05	2.07 300	103	56	46	32	30	2-M10*50
40*25 1 1/2**1"	48.3*33.7 1.9*1.327	2.07 300	103	56	54	32	30	2-M10*60
50*15 2**1/2"	60.3*21.3 2.375*0.825	2.07 300	118	54	48	38	30	2-M10*60
50*20 2**3/4"	60.3*26.9 2.375*1.05	2.07 300	118	54	48	38	30	2-M10*60
50*25 2**1"	60.3*33.7 2.375*1.327	2.07 300	118	72	49	38	38	2-M10*60
50*32 2**1 1/4"	60.3*42.4 2.375*1.669	2.07 300	118	73	52	38	46	2-M10*60
50*40 2**1 1/2"	60.3*48.3 2.375*1.9	2.07 300	118	73	62	38	46	2-M10*60
65*15 2 1/2**1/2"	73.0*21.3 2.875*0.84	2.07 300	134	56	57	46	30	2-M10*60
65*20 2 1/2**3/4"	73.0*26.9 2.875*1.05	2.07 300	134	56	57	46	30	2-M10*60
65*25 2 1/2**1"	73.0*33.7 2.875*1.315	2.07 300	134	70	57	46	38	2-M10*60
65*32 2 1/2**1 1/4"	73.0*42.4 2.875*1.669	2.07 300	134	82	58	46	46	2-M10*60
65*40 2 1/2**1 1/2"	73.0*48.3 2.875*1.9	2.07 300	134	84	68	46	53	2-M10*60
65*50 2 1/2**2"	73.0*60.3 2.875*2.375	2.07 300	134	84	74	46	53	2-M10*60
65*15 2 1/2**1/2"	76.1*21.3 3*0.84	2.07 300	136	56	59	48	30	2-M10*60
65*20 2 1/2**3/4"	76.1*26.9 3*1.05	2.07 300	136	56	59	48	30	2-M10*60
65*25 2 1/2**1"	76.1*33.7 3*1.327	2.07 300	136	56	59	48	38	2-M10*60
65*32 2 1/2**1 1/4"	76.1*42.4 3*1.66	2.07 300	136	82	60	48	46	2-M10*60
65*40 2 1/2**1 1/2"	76.1*48.3 3*1.9	2.07 300	0	84	70	48	53	2-M10*60
65*50 2 1/2**2"	76.1*60.3 3*2.375	2.07 300	136	88	76	49	53	2-M10*60
80*15 3**1/2"	88.9*21.3 3.5*0.84	2.07 300	142	70	68	55	38	2-M10*60
80*20 3**3/4"	88.9*26.9 3.5*1.05	2.07 300	142	70	68	55	38	2-M10*60
80*25 3**1"	88.9*33.7 3.5*1.327	2.07 300	142	70	66	55	38	2-M10*60
80*32 3**1 1/4"	88.9*42.4 3.5*1.669	2.07 300	142	83	67	55	46	2-M10*60
80*40 3**1 1/2"	88.9*48.3 3.5*1.9	2.07 300	142	85	107	55	53	2-M10*60

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)				Hole Dia mm/in	Bolt Size
			A	B	C	D		
80*50 3**2"	88.9*60.3 3.5*2.375	2.07 300	144	96	79	55	64	2-M10*60
80*65 3**2 1/2"	88.9*73.0 3.5*2.875	2.07 300	146	100	87	55	70	2-M10*60
80*65 3**2 1/2"	88.9*76.1 3.5*3	2.07 300	144	98	87	55	64	2-M10*60
100*25 4**1"	108.0*33.7 4.252*1.327	2.07 300	168	72	76	64	38	2-M12*65
100*32 4**1 1/4"	108.0*42.4 4.252*1.669	2.07 300	168	83	76	64	46	2-M12*65
100*40 4**1 1/2"	108.0*48.3 4.252*1.9	2.07 300	168	85	76	64	53	2-M12*65
100*50 4**2"	108.0*60.3 4.252*2.375	2.07 300	168	95	78	64	64	2-M12*65
100*65 4**2 1/2"	108.0*76.1 4.252*3	2.07 300	168	115	82	64	80	2-M12*65
100*15 4**3/4"	114.3*21.3 4.5*0.84	2.07 300	178	72	80	68	38	2-M12*65
100*20 4**1"	114.3*26.9 4.5*1.05	2.07 300	178	72	80	68	38	2-M12*65
100*25 4**1 1/4"	114.3*33.7 4.5*1.327	2.07 300	178	72	80	68	38	2-M12*65
100*32 4**1 1/2"	114.3*42.4 4.5*1.669	2.07 300	178	83	80	68	46	2-M12*65
100*40 4**1 3/4"	114.3*48.3 4.5*1.9	2.07 300	178	84	80	68	53	2-M12*65
100*50 4**2"	114.3*60.3 4.5*2.375	2.07 300	178	95	90	68	64	2-M12*65
100*65 4**2 1/2"	114.3*73 4.5*3	2.07 300	178	114	82	68	80	2-M12*65
100*65 4**2 1/2"	114.3*76.1 4.5*3	2.07 300	178	114	82	68	80	2-M12*65
100*80 4**3"	114.3*88.9 4.5*3.5	2.07 300	178	126	95	68	92	2-M12*65
125*25 5**1"	133.0*33.7 5.25*1.327	2.07 300	198	72	90	79	38	2-M12*65
125*32 5**1 1/4"	133.0*42.4 5.25*1.669	2.07 300	198	83	90	79	46	2-M12*65
125*40 5**1 1/2"	133.0*48.3 5.25*1.9	2.07 300	198	85	90	79	53	2-M12*65
125*50 5**2"	133.0*60.3 5.25*2.375	2.07 300	198	95	92	79	64	2-M12*65
125*65 5**2 1/2"	133.0*76.1 5.25*3	2.07 300	198	114	92	79	80	2-M12*65
125*80 5**3"	133.0*88.9 5.25*3.5	2.07 300	198	128	96	79	92	2-M12*65
125*25 5**1"	139.7*33.7 5.5*1.327	2.07 300	206	72	93	81	38	2-M12*70
125*32 5**1 1/4"	139.7*42.4 5.5*1.669	2.07 300	206	83	93	81	46	2-M12*70
125*40 5**1 1/2"	139.7*48.3 5.5*1.9	2.07 300	206	85	93	81	53	2-M12*70
125*50 5**2"	139.7*60.3 5.5*2.375	2.07 300	206	95	95	81	64	2-M12*70
125*65 5**2 1/2"	139.7*73.0 5.5*2.875	2.07 300	206	114	95	81	80	2-M12*70
125*65 5**2 1/2"	139.7*76.1 5.5*3	2.07 300	206	114	95	81	80	2-M12*70
125*80 5**3"	139.7*88.9 5.5*3.5	2.07 300	206	128	95	81	92	2-M12*70
125*100 5**4"	139.7*114.3 5.5*4.5	2.07 300	208	157	117	81	114	2-M12*70

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

25/72

Ver. A, 15032026, © Blaze 2026

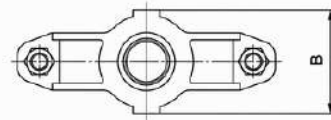
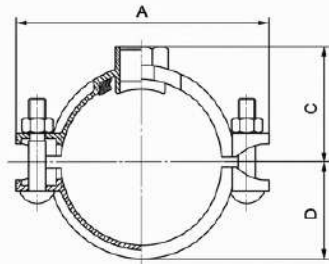


BLAZE



Threaded Mechanical Tee

Model : BT-MTT



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)				Hole Dia mm/in	Bolt Size
			A	B	C	D		
125*25 5"1	141.3*33.7 5.563*1.327	2.07 300	206	72	93	82	38	2-M12*70
125*32 5"1 1/4	141.3*42.4 5.563*1.669	2.07 300	206	83	93	82	46	2-M12*70
125*40 5"1 1/2	141.3*48.3 5.563*1.9	2.07 300	206	85	93	82	53	2-M12*70
125*50 5"2	141.3*60.3 5.563*2.375	2.07 300	206	95	95	82	64	2-M12*70
125*65 5"2 1/2	141.3*73 5.563*2.875	2.07 300	206	114	95	82	80	2-M12*70
125*65 5"2 1/2	141.3*76.1 5.563*3	2.07 300	206	114	95	82	80	2-M12*70
125*80 5"3	141.3*88.9 5.563*3.5	2.07 300	206	128	95	82	92	2-M12*70
125*100 5"4	141.3*114.3 5.563*4.5	2.07 300	208	157	117	82	114	2-M12*70
150*25 6"1	159*33.7 6.25*1.327	2.07 300	228	72	105	90	38	2-M12*65
150*32 6"1 1/4	159*42.4 6.25*1.669	2.07 300	228	83	105	90	46	2-M12*65
150*40 6"1 1/2	159*48.3 6.25*1.9	2.07 300	228	85	105	90	53	2-M12*65
150*50 6"2	159*60.3 6.25*2.375	2.07 300	228	95	108	90	64	2-M12*65
150*65 6"2 1/2	159*76.1 6.25*3	2.07 300	228	115	108	90	80	2-M12*65
150*80 6"3	159*88.9 6.25*3.5	2.07 300	228	128	108	90	92	2-M12*65
150*100 6"4	159*114.3 6.25*4.5	2.07 300	228	158	117	90	114	2-M12*65
150*15 6"1/2	165*21.3 6.5*0.84	2.07 300	242	72	105	93	38	2-M14*75
150*20 6"3/4	165*26.7 6.5*1.05	2.07 300	242	72	105	93	38	2-M14*75
150*25 6"1	165.1*33.7 6.5*1.327	2.07 300	242	72	105	93	38	2-M14*75
150*32 6"1 1/4	165.1*42.4 6.5*1.669	2.07 300	242	83	105	93	46	2-M14*75
150*40 6"1 1/2	165.1*48.3 6.5*1.9	2.07 300	242	85	105	93	53	2-M14*75
150*50 6"2	165.1*60.3 6.5*2.375	2.07 300	242	95	108	93	64	2-M14*75
150*65 6"2 1/2	165.1*76.1 6.5*3	2.07 300	242	115	108	93	80	2-M14*75
150*80 6"3	165.1*88.9 6.5*3.5	2.07 300	242	128	108	93	92	2-M14*75
150*100 6"4	165.1*114.3 6.5*4.5	2.07 300	242	158	112	93	114	2-M14*75
150*15 6"1/2	168.3*21.3 6.625*0.84	2.07 300	248	72	109	96	38	2-M14*75
150*20 6"3/4	168.3*26.7 6.625*1.05	2.07 300	248	72	109	96	38	2-M14*75
150*25 6"1	168.3*33.7 6.625*1.327	2.07 300	248	72	111	96	38	2-M14*75
150*32 6"1 1/4	168.3*42.4 6.625*1.669	2.07 300	248	83	111	96	46	2-M14*75
150*40 6"1 1/2	168.3*48.3 6.625*1.9	2.07 300	248	85	111	96	53	2-M14*75
150*50 6"2	168.3*60.3 6.625*2.375	2.07 300	248	95	111	96	64	2-M14*75
150*65 6"2 1/2	168.3*73 6.625*2.875	2.07 300	248	115	111	96	80	2-M14*75

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)				Hole Dia mm/in	Bolt Size
			A	B	C	D		
150*65 6"2 1/2	168.3*76.1 6.625*3	2.07 300	248	115	111	96	80	2-M14*75
150*80 6"3	168.3*88.9 6.625*3.5	2.07 300	248	128	111	96	92	2-M14*75
150*100 6"4	168.3*114.3 6.625*4.5	2.07 300	248	158	116	96	114	2-M14*75
200*50 8"2	216.3*60.3 8.516*2.375	2.07 300	294	98	135	120	64	2-M16*90
200*65 8"2 1/2	216.3*76.1 8.516*3	2.07 300	294	115	135	120	80	2-M16*90
200*80 8"3	216.3*88.9 8.516*3.5	2.07 300	294	128	138	120	92	2-M16*90
200*100 8"4	216.3*114.3 8.516*4.5	2.07 300	294	156	147	120	114	2-M16*90
200*25 8"1	219*33.7 8.625*1.327	2.07 300	298	75	134	122	38	2-M16*90
200*32 8"1 1/4	219*42.4 8.625*1.669	2.07 300	298	82	137	122	46	2-M16*90
200*40 8"1 1/2	219*48.3 8.625*1.9	2.07 300	298	86	137	122	53	2-M16*90
200*50 8"2	219*60.3 8.625*2.375	2.07 300	298	98	137	122	64	2-M16*90
200*65 8"2 1/2	219*73 8.625*2.875	2.07 300	298	115	137	122	80	2-M16*90
200*80 8"3	219*88.9 8.625*3.5	2.07 300	298	128	139	122	92	2-M16*90
200*100 8"4	219*114.3 8.625*4.5	2.07 300	298	156	154	122	114	2-M16*90
250*25 10"1	267.4*33.7 10.528*1.327	2.07 300	368	75	159	147	38	2-M20*110
250*32 10"1 1/4	267.4*42.4 10.528*1.669	2.07 300	368	82	159	147	46	2-M20*110
250*40 10"1 1/2	267.4*48.3 10.528*1.9	2.07 300	368	86	161	147	53	2-M20*110
250*50 10"2	267.4*60.3 10.528*2.375	2.07 300	368	98	163	147	64	2-M20*110
250*65 10"2 1/2	267.4*76.1 10.528*3	2.07 300	368	115	165	147	80	2-M20*110
250*80 10"3	267.4*88.9 10.528*3.5	2.07 300	368	128	166	147	92	2-M20*110
250*100 10"4	267.4*114.3 10.528*4.5	2.07 300	368	156	179	147	114	2-M20*110
250*25 10"1	273*33.7 10.75*1.327	2.07 300	372	75	168	151	38	2-M20*110
250*32 10"1 1/4	273*42.4 10.75*1.669	2.07 300	372	82	168	151	46	2-M20*110
250*40 10"1 1/2	273*48.3 10.75*1.9	2.07 300	372	86	168	151	53	2-M20*110
250*50 10"2	273*60.3 10.75*2.375	2.07 300	372	100	168	151	64	2-M20*110
250*65 10"2 1/2	273*73 10.75*2.875	2.07 300	372	115	168	151	80	2-M20*110
250*80 10"3	273*88.9 10.75*3.5	2.07 300	372	128	169	151	92	2-M20*110
250*100 10"4	273*114.3 10.75*4.5	2.07 300	372	160	182	151	114	2-M20*110
150*65 6"2 1/2	168.3*76.1 6.625*3	2.07 300	248	115	111	96	80	2-M14*75

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

26/72

Ver. A, 15032026, © Blaze 2026

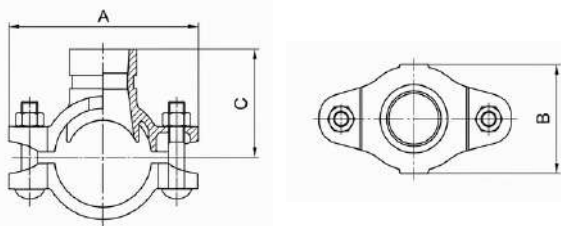


BLAZE



Grooved Mechanical Tee

Model : BT-MTG



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)				Hole Dia mm/in	Bolt Size
			A	B	C	D		
32*25 1½"1	42.4*33.7 1.669*1.315	2.07 300	103	56	57	31	30	2-M10*50
40*25 1½"1	48.3*33.7 1.9*1.315	2.07 300	103	56	62	32	30	2-M10*50
50*25 2"1	60.3*33.7 2.375*1.315	2.07 300	118	73	66	38	38	2-M10*60
50*32 2½"1	60.3*42.4 2.375*1.669	2.07 300	118	73	66	38	46	2-M10*60
50*40 2½"1½	60.3*48.3 2.375*1.9	2.07 300	118	73	66	38	46	2-M10*60
65*25 2½"1	73*33.7 2.875*1.375	2.07 300	136	72	76	46	38	2-M10*60
65*32 2½"1½	73*42.4 2.875*1.669	2.07 300	136	82	77	46	46	2-M10*60
65*40 2½"1½	73*48.3 2.875*1.9	2.07 300	136	84	77	46	53	2-M10*60
65*50 2½"2	73*60.3 2.875*2.375	2.07 300	136	84	77	46	53	2-M10*60
65*25 2½"1	76.1*33.7 3*1.315	2.07 300	136	72	76	48	38	2-M10*60
65*32 2½"1½	76.1*42.4 3*1.669	2.07 300	136	82	77	48	46	2-M10*60
65*40 2½"1½	76.1*48.3 3*1.9	2.07 300	136	84	77	48	53	2-M10*60
65*50 2½"2	76.1*60.3 3*2.375	2.07 300	136	84	77	48	53	2-M10*60
80*25 3"1	88.9*33.7 3.5*1.315	2.07 300	144	72	83	55	38	2-M10*60
80*32 3"1½	88.9*42.4 3.5*1.669	2.07 300	144	83	85	55	46	2-M10*60
80*40 3"1½	88.9*48.3 3.5*1.9	2.07 300	144	85	85	55	56	2-M10*60
80*50 3"2	88.9*60.3 3.5*2.375	2.07 300	144	98	85	55	64	2-M10*60
80*65 3"2½	88.9*73 3.5*2.875	2.07 300	144	98	85	55	64	2-M10*60
80*85 3"2½	88.9*76.1 3.5*3	2.07 300	144	98	85	55	64	2-M10*60
100*25 4"1	114.3*33.7 4.5*1.315	2.07 300	178	72	98	68	38	2-M12*60
100*32 4"1½	114.3*42.4 4.5*1.669	2.07 300	178	83	98	68	46	2-M12*65
100*40 4"1½	114.3*48.3 4.5*1.9	2.07 300	178	85	98	68	53	2-M12*65
100*50 4"2	114.3*60.3 4.5*2.375	2.07 300	178	95	98	68	64	2-M12*65
100*65 4"2½	114.3*73 4.5*2.875	2.07 300	178	114	98	68	80	2-M12*65
100*85 4"2½	114.3*76.1 4.5*3	2.07 300	178	114	98	68	80	2-M12*65
100*80 4"3	114.3*88.9 4.5*3.5	2.07 300	178	126	98	68	92	2-M12*65
125*25 5"1	139.7*33.7 5.5*1.315	2.07 300	206	72	109	81	38	2-M12*75
125*32 5"1½	139.7*42.4 5.5*1.669	2.07 300	206	83	109	81	46	2-M12*75
125*40 5"1½	139.7*48.3 5.5*1.9	2.07 300	206	85	109	81	53	2-M12*75
125*50 5"2	139.7*60.3 5.5*2.375	2.07 300	206	95	109	81	64	2-M12*75
125*65 5"2½	139.7*73 5.5*2.875	2.07 300	206	114	109	81	80	2-M12*75
125*85 5"2½	139.7*76.1 5.5*3	2.07 300	206	114	109	81	80	2-M12*75
125*80 5"3	139.7*88.9 5.5*3.5	2.07 300	206	128	109	81	92	2-M12*75
125*25 5"1	141.3*33.7 5.563*1.315	2.07 300	206	72	109	82	38	2-M12*75
125*32 5"1½	141.3*42.4 5.563*1.669	2.07 300	206	83	109	82	46	2-M12*75
125*40 5"1½	141.3*48.3 5.563*1.9	2.07 300	206	85	109	82	53	2-M12*75

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)				Hole Dia mm/in	Bolt Size
			A	B	C	D		
125*50 5"2	141.3*60.3 5.563*2.375	2.07 300	206	95	109	82	64	2-M12*75
125*65 5"2½	141.3*73 5.563*2.875	2.07 300	206	115	109	82	80	2-M12*75
125*85 5"2½	141.3*76.1 5.563*3	2.07 300	206	115	109	82	80	2-M12*75
125*80 5"3	141.3*88.9 5.563*3.5	2.07 300	206	128	109	82	92	2-M12*75
150*25 6"1	165.1*33.7 6.5*1.315	2.07 300	242	72	121	93	38	2-M14*75
150*32 6"1½	165.1*42.4 6.5*1.669	2.07 300	242	83	121	93	46	2-M14*75
150*40 6"1½	165.1*48.3 6.5*1.9	2.07 300	242	85	121	93	53	2-M14*75
150*50 6"2	165.1*60.3 6.5*2.375	2.07 300	242	95	121	93	64	2-M14*75
150*65 6"2½	165.1*73 6.5*2.875	2.07 300	242	115	121	93	80	2-M14*75
150*85 6"2½	165.1*76.1 6.5*3	2.07 300	242	115	123	93	80	2-M14*75
150*80 6"3	165.1*88.9 6.5*3.5	2.07 300	242	128	124	93	92	2-M14*75
150*100 6"4	165.1*114.3 6.5*4.5	2.07 300	242	158	121	93	114	2-M14*75
150*25 6"1	168.3*33.7 6.625*1.315	2.07 300	248	72	124	96	38	2-M14*75
150*32 6"1½	168.3*42.4 6.625*1.669	2.07 300	248	83	124	96	46	2-M14*75
150*40 6"1½	168.3*48.3 6.625*1.9	2.07 300	248	85	124	96	53	2-M14*75
150*50 6"2	168.3*60.3 6.625*2.375	2.07 300	248	95	124	96	64	2-M14*75
150*65 6"2½	168.3*73 6.625*2.875	2.07 300	248	115	124	96	80	2-M14*75
150*85 6"2½	168.3*76.1 6.625*3	2.07 300	248	115	124	96	80	2-M14*75
150*80 6"3	168.3*88.9 6.625*3.5	2.07 300	248	128	124	96	92	2-M14*75
150*100 6"4	168.3*114.3 6.625*4.5	2.07 300	248	158	124	96	114	2-M14*75
200*25 8"1	219*33.7 8.625*1.315	2.07 300	298	72	152	122	38	2-M16*85
200*32 8"1½	219*42.4 8.625*1.669	2.07 300	298	83	152	122	46	2-M16*85
200*40 8"1½	219*48.3 8.625*1.9	2.07 300	298	85	152	122	53	2-M16*85
200*50 8"2	219*60.3 8.625*2.375	2.07 300	298	95	152	122	64	2-M16*85
200*65 8"2½	219*73 8.625*2.875	2.07 300	298	115	152	122	80	2-M16*85
200*85 8"2½	219*76.1 8.625*3	2.07 300	298	115	152	122	80	2-M16*85
200*80 8"3	219*88.9 8.625*3.5	2.07 300	298	128	152	122	92	2-M16*85
200*100 8"4	219*114.3 8.625*4.5	2.07 300	298	158	152	122	114	2-M16*85
200*150 8"6	219*165.1 8.625*6.5	2.07 300	319	204	153	122	160	2-M20*100
200*150 8"6	219*168.3 8.625*6.625	2.07 300	319	204	153	122	160	2-M20*100
250*50 10"2	273*60.3 10.75*2.375	2.07 300	372	100	180	151	38	2-M20*110
250*65 10"2½	273*73 10.75*2.875	2.07 300	372	115	180	151	80	2-M20*110
250*85 10"2½	273*76.1 10.75*3	2.07 300	372	115	180	151	80	2-M20*110
250*80 10"3	273*88.9 10.75*3.5	2.07 300	372	128	180	151	92	2-M20*110
250*100 10"4	273*108 10.75*4.252	2.07 300	372	158	182	151	114	2-M20*110
250*100 10"4	273*114.3 10.75*4.5	2.07 300	372	160	182	151	114	2-M20*110

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

27/72

Ver. A, 15032026, © Blaze 2026

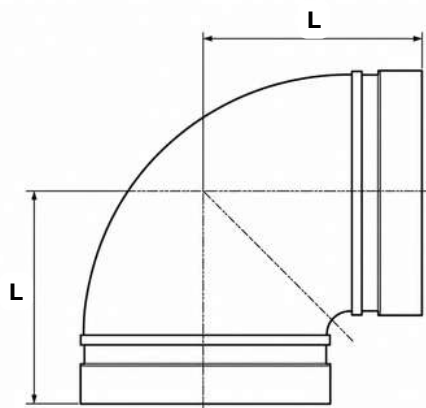


BLAZE



90° Elbow

Model : BT-90S



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension Of L (mm / in)		
			A	B	C
25 1	33.7 1.315	2.07 300	-	57	57
32 1 ¼	42.4 1.66	2.07 300	-	60	70
40 1 ½	48.3 1.9	2.07 300	-	60	70
50 2	60.3 2.375	2.07 300	70	70	83
65 2	73 2.875	2.07 300	-	76	95
65 2	76.1 3	2.07 300	76	76	95
80 3	88.9 3.5	2.07 300	80	86	108
100 4	108 4.252	2.07 300	96	102	127
100 4	114.3 4.5	2.07 300	96	102	127
125 5	133 5.25	2.07 300	110	122	140
125 5	139.7 5.5	2.07 300	110	122	140
125 5	141.3 5.563	2.07 300	-	122	140
150 6	159 6.26	2.07 300	122	140	165
150 6	165.1 6.5	2.07 300	122	140	165
150 6	168.3 6.625	2.07 300	125	140	165
200 8	216.3 8.516	2.07 300	-	175	197
200 8	219.1 8.625	2.07 300	155	175	197
250 10	267.4 10.528	2.07 300	-	215	229
250 10	273 10.75	2.07 300	190	215	229
300 12	318.5 12.539	2.07 300	-	245	254

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension Of L (mm / in)		
			A	B	C
300 12	323.9 12.75	2.07 300	220	245	254
350 14	355.6 14	2.07 300	-	-	279
350 14	377 14.84	2.07 300	-	-	279
400 16	406.4 16	2.07 300	-	-	305
400 16	426.0 16.77	2.07 300	-	-	305
450 18	457.2 18	2.07 300	-	-	394
450 18	480 18.90	2.07 300	-	-	335
500 20	508 20	2.07 300	-	-	438
600 24	609.6 24	2.07 300	-	-	508

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

28/72

Ver. A, 15032026, © Blaze 2026

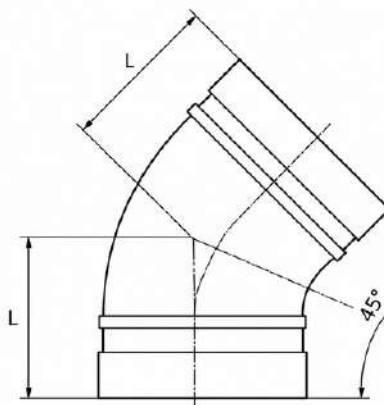


BLAZE



45° Elbow

Model : BT-120S



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension Of L (mm / in)	
			A	B
25	33.7	2.07	-	45
1	1.315	300	-	45
32	42.4	2.07	-	45
1 ¼	1.66	300	-	45
40	48.3	2.07	-	45
1 ½	1.9	300	-	45
50	60.3	2.07	-	51
2	2.375	300	-	51
65	73	2.07	55	57
2	2.875	300	55	57
65	76.1	2.07	55	57
2	3	300	55	57
80	88.9	2.07	55	64
3	3.5	300	55	64
100	108	2.07	60	76
4	4.252	300	60	76
100	114.3	2.07	60	76
4	4.5	300	60	76
125	133	2.07	70	83
5	5.25	300	70	83
125	139.7	2.07	70	83
5	5.5	300	70	83
125	141.3	2.07	70	83
5	5.563	300	70	83
150	159	2.07	70	89
6	6.26	300	70	89
150	165.1	2.07	70	89
6	6.5	300	70	89
150	168.3	2.07	70	89
6	6.625	300	70	89
200	216.3	2.07	-	108
8	8.516	300	-	108
200	219.1	2.07	90	108
8	8.625	300	90	108
250	267.4	2.07	-	121
10	10.528	300	-	121
250	273	2.07	112	121
10	10.75	300	112	121
300	318.5	2.07	-	133
12	12.539	300	-	133

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension Of L (mm / in)	
			A	B
300	323.9	2.07	120	133
12	12.75	300	120	133
350	355.6	2.07	-	122
14	14	300	-	122
350	377	2.07	-	122
14	14.84	300	-	122
400	406.4	2.07	-	184
16	16	300	-	184
400	426.0	2.07	-	184
16	16.77	300	-	184
450	457.2	2.07	-	203
18	18	300	-	203
450	480	2.07	-	203
18	18.90	300	-	203
500	508	2.07	-	229
20	20	300	-	229
600	609.6	2.07	-	280
24	24	300	-	280

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

29/72

Ver. A, 15032026, © Blaze 2026

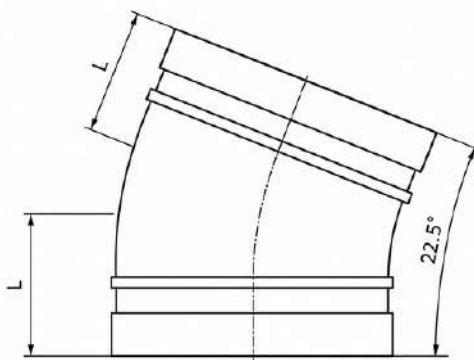


BLAZE



22.5° Elbow

Model : BT-110S



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
25 1	33.7 1.315	2.07 300	40
32 1 ¼	42.4 1.66	2.07 300	45
40 1 ½	48.3 1.9	2.07 300	45
50 2	60.3 2.375	2.07 300	48
65 2	73 2.875	2.07 300	48
65 2	76.1 3	2.07 300	48
80 3	88.9 3.5	2.07 300	50
100 4	108 4.252	2.07 300	50
100 4	114.3 4.5	2.07 300	50/73
125 5	133 5.25	2.07 300	60
125 5	139.7 5.5	2.07 300	55
125 5	141.3 5.563	2.07 300	60
150 6	159 6.26	2.07 300	60
150 6	165.1 6.5	2.07 300	60
150 6	168.3 6.625	2.07 300	79
200 8	216.3 8.516	2.07 300	80
200 8	219.1 8.625	2.07 300	80
250 10	267.4 10.528	2.07 300	111
250 10	273 10.75	2.07 300	111
300 12	318.5 12.539	2.07 300	124
300 12	323.9 12.75	2.07 300	124

BLAZETECH SYSTEMS LTD.



contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

30/72

Ver. A, 15032026, © Blaze 2026

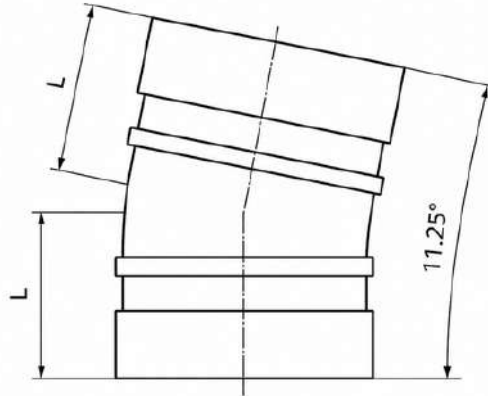


BLAZE



11.25° Elbow

Model : BT-105S



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
25 1	33.7 1.315	2.07 300	40
32 1 ¼	42.4 1.66	2.07 300	40
40 1 ½	48.3 1.9	2.07 300	35
50 2	60.3 2.375	2.07 300	35
65 2	73 2.875	2.07 300	38
65 2	76.1 3	2.07 300	38
80 3	88.9 3.5	2.07 300	38
100 4	108 4.252	2.07 300	45
100 4	114.3 4.5	2.07 300	45
125 5	139.7 5.5	2.07 300	45
125 5	141.3 5.563	2.07 300	45
150 6	159 6.26	2.07 300	50
150 6	165.1 6.5	2.07 300	50
150 6	168.3 6.625	2.07 300	51
200 8	216.3 8.516	2.07 300	55
200 8	219.1 8.625	2.07 300	55
250 10	267.4 10.528	2.07 300	55
250 10	273 10.75	2.07 300	55
300 12	318.5 12.539	2.07 300	57
300 12	323.9 12.75	2.07 300	57

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

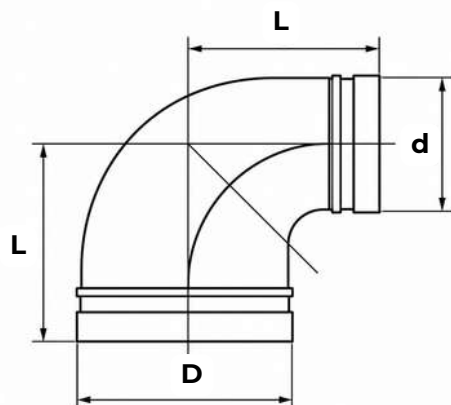
31/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

APPROVED

90° Reducing Elbow

Model : BT-90R

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
32*25 1¼*1	42.4*33.7 1.66*1.327	2.07 300	70
40*25 1½*1	48.3*33.7 1.9*1.327	2.07 300	70
40*32 1½*1¼	48.3*42.4 1.9*1.66	2.07 300	70
50*25 2*1	60.3*33.7 2.375*1.327	2.07 300	83
50*32 2*1¼	60.3*42.4 2.375*1.66	2.07 300	83
60*40 2*1½	60.3*48.3 2.375*1.9	2.07 300	83
65*25 2½*1	76.1*33.7 3*1.327	2.07 300	95
65*32 2½*1¼	76.1*42.4 3*1.66	2.07 300	95
65*40 2½*1½	76.1*48.3 3*1.9	2.07 300	95
65*50 2½*2	76.1*60.3 3*2.375	2.07 300	95
80*25 3*1	88.9*33.7 3.5*1.327	2.07 300	108
80*32 3*1¼	88.9*42.4 3.5*1.66	2.07 300	108
80*40 3*1½	88.9*48.3 3.5*1.9	2.07 300	108
80*50 3*2	88.9*60.3 3.5*2.375	2.07 300	108
80*65 3*2½	88.9*76.1 3.5*3	2.07 300	108
100*65 4*2½	114.3*76.1 4.5*3	2.07 300	127
100*80 4*3	114.3*88.9 4.5*3.5	2.07 300	127
150*100 6*4	165.1*114.3 6.5*4.5	2.07 300	165
150*100 6*4	168.3*114.3 6.625*4.5	2.07 300	165

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

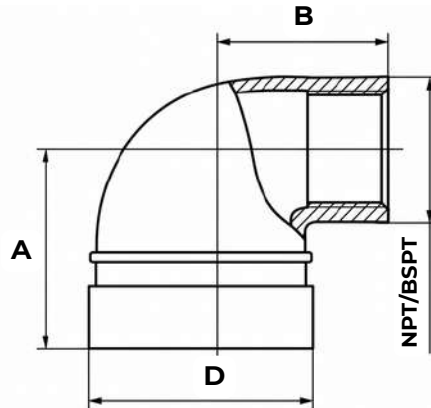
Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**32/72**

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Reducing Elbow Grooved X Threaded

Model : BT-90RT

NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			A	B
25*15 1*1/2	33.7*21.3 1.327*0.825	2.07 300	44	48
25*20 1*3/4	33.7*26.7 1.327*1.05	2.07 300	44	48
32*15 1 1/4*1 1/2	42.4*21.3 1.66*0.825	2.07 300	46	48
32*20 1 1/4*3/4	42.4*1 1.66*1.05	2.07 300	46	48
32*25 1 1/4*1	42.4*1 1.66*1.327	2.07 300	51	52
40*15 1 1/2*1 1/2	48.3*21.3 1.9*0.825	2.07 300	46	48
40*20 1 1/2*3/4	48.3*26.7 1.9*1.05	2.07 300	46	48
40*25 1 1/2*1	48.3*1 1.9*1.327	2.07 300	51	52
50*15 2*1 1/2	60.3*21.3 2.375*0.825	2.07 300	48	48
50*20 2*3/4	60.3*26.7 2.375*1.05	2.07 300	48	48
50*25 2*1	60.3*1 2.375*1.327	2.07 300	51	52
65*15 2 1/2*1 1/2	73*21.3 2.875*0.825	2.07 300	58	48
65*20 2 1/2*3/4	73*26.7 2.875*1.05	2.07 300	58	48
65*25 2 1/2*1	73*1 2.875*1.327	2.07 300	65	58
65*15 2 1/2*1 1/2	76.1*21.3 3*0.825	2.07 300	58	48
65*20 2 1/2*3/4	76.1*26.7 3*1.05	2.07 300	58	48
65*25 2 1/2*1	76.1*1 3*1.327	2.07 300	65	58

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**33/72**

Ver. A, 15032026, © Blaze 2026

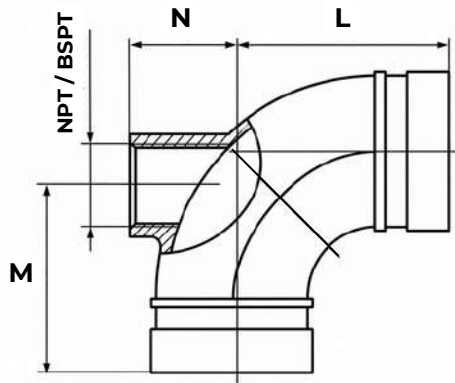


BLAZE



Drainage Elbow

Model : BT-90D



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)		
			L	M	N
50*20 2*3/4	60.3*26.7 2.375*1.05	2.07 300	83	70	36
50*25 2*1	60.3*33.7 2.375*1.327	2.07 300	83	70	36
65*20 2 1/2*3/4	73*26.7 2.875*1.05	2.07 300	95	70	44
65*25 2 1/2*1	73*33.7 2.875*1.327	2.07 300	95	70	44
65*25 2 1/2*1	76.1*33.7 3*1.327	2.07 300	95	70	44
80*25 3*1	88.9*33.7 3.5*1.327	2.07 300	108	70	52
100*25 4*1	114.3*33.7 4.5*1.327	2.07 300	127	70	64
125*25 5*1	139.7*33.7 5.5*1.327	2.07 300	140	70	78
125*25 5*1	141.3*33.7 5.563*1.327	2.07 300	140	70	78
150*25 6*1	165.1*33.7 6.5*1.327	2.07 300	165	70	91
150*25 6*1	168.3*33.7 6.625*1.327	2.07 300	165	70	91
200*25 8*1	219.1*33.7 8.625*1.327	2.07 300	197	70	121

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

34/72

Ver. A, 15032026, © Blaze 2026

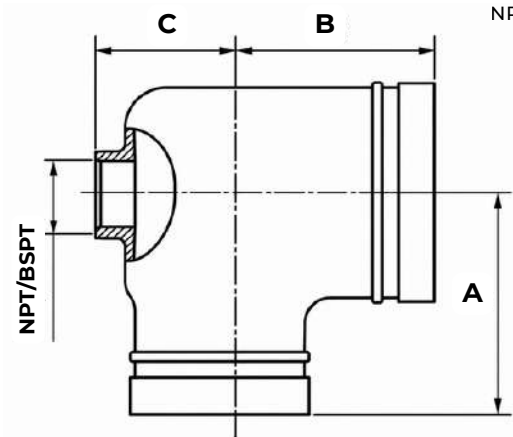


BLAZE



Reducing Drainage Elbow

Model : BT-90RD



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Working Pressure (Mpa / psi)	Dimension (mm / in)		
		A	B	C
114.3*88.9*33.7 4.5*3.5*1.327	2.07 300	95	102	58
165.1*88.9*33.7 6.5*3.5*1.327	2.07 300	130	130	58
168.3*88.9*33.7 6.625*3.5*1.327	2.07 300	130	130	58

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

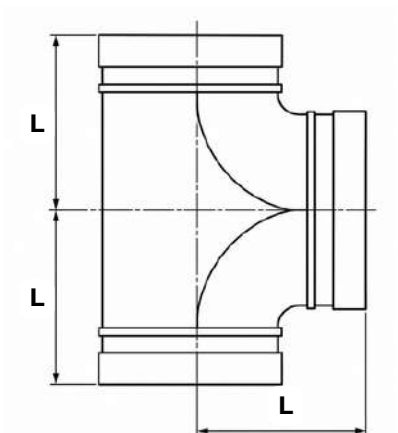


BLAZE



Equal Tee

Model : BT-130S



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)		
			L	L	L
25 1	33.7 1.315	2.07 300	-	57	57
32 1 ¼	42.4 1.66	2.07 300	-	60	70
40 1 ½	48.3 1.9	2.07 300	-	60	70
50 2	60.3 2.375	2.07 300	70	70	83
65 2 ½	73 2.875	2.07 300	76	76	95
65 2 ½	76.1 3	2.07 300	76	76	95
80 3	88.9 3.5	2.07 300	80	86	108
100 4	108 4.252	2.07 300	92	102	-
100 4	114.3 4.5	2.07 300	96	102	127
125 5	133 5.25	2.07 300	108	122	-
125 5	139.7 5.5	2.07 300	108	122	140
125 5	141.3 5.563	2.07 300	-	122	140
150 6	159 6.26	2.07 300	120	140	-
150 6	165.1 6.5	2.07 300	122	140	165
150 6	168.3 6.625	2.07 300	125	140	165

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)		
			L	L	L
200 8	216.3 8.516	2.07 300	-	175	197
200 8	219.1 8.625	2.07 300	155	175	197
250 10	267.4 10.528	2.07 300	-	215	229
250 10	273 10.75	2.07 300	190	215	229
300 12	318.5 12.539	2.07 300	220	245	254
300 12	318.5 12.539	2.07 300	-	245	254
300 12	323.9 12.75	2.07 300	220	245	254
350 14	355.6 14	2.07 300	-	-	279
350 14	377.0 14.84	2.07 300	-	-	279
400 16	406.4 16	2.07 300	-	-	305
400 16	426.0 16.77	2.07 300	-	-	305
450 18	457.2 18	2.07 300	-	-	394
450 18	480.0 18.90	2.07 300	-	-	335
500 20	508.0 20	2.07 300	-	-	438
600 24	609.6 24	2.07 300	-	-	508

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

36/72

Ver. A, 15032026, © Blaze 2026

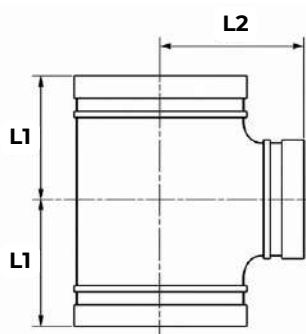


BLAZE



Grooved Reducing Tee

Model : BT-130R



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
32*25 1¼*1	42.4*33.7 1.66*1.327	2.07 300	70	70
40*25 1½*1	48.3*33.7 1.9*1.327	2.07 300	70	70
40*32 1½*1¼	48.3*42.4 1.9*1.66	2.07 300	70	70
50*25 2*1	60.3*33.7 2.375*1.327	2.07 300	70	70
50*32 2*1¼	60.3*42.4 2.375*1.66	2.07 300	70	70
50*40 2*1½	60.3*48.3 2.375*1.9	2.07 300	70	70
65*25 2½*1	73*33.7 2.875*1.327	2.07 300	75	75
65*32 2½*1¼	73*42.4 2.875*1.66	2.07 300	75	75
65*40 2½*1½	73.4*48.3 2.875*1.9	2.07 300	75	75
65*50 2½*2	73*60.3 2.875*2.375	2.07 300	75	75
65*25 2½*1	76.1*33.7 3*1.327	2.07 300	75	75
65*32 2½*1¼	76.1*42.4 3*1.66	2.07 300	75	75
65*40 2½*1½	76.1*48.3 3*1.9	2.07 300	75	75
65*50 2½*2	76.1*60.3 3*2.375	2.07 300	75	75
80*25 3*1	88.9*33.7 3.5*1.327	2.07 300	86	86
80*32 3*1¼	88.9*42.4 3.5*1.66	2.07 300	70	86
80*40 3*1½	88.9*48.3 3.5*1.9	2.07 300	86	86
80*50 3*2	88.9*60.3 3.5*2.375	2.07 300	75	86
100*25 4*1	108*33.7 4.252*1.327	2.07 300	70	102
100*32 4*1¼	108*42.4 4.252*1.66	2.07 300	70	102
100*40 4*1½	108*48.3 4.252*1.9	2.07 300	75	102
100*50 4*2	108*60.3 4.252*2.375	2.07 300	85	95
100*65 4*2½	108*76.1 4.252*3	2.07 300	80	95
100*80 4*3	108*88.9 4.252*3.5	2.07 300	85	102
100*25 4*1	114.3*33.7 4.5*1.327	2.07 300	78	102
100*32 4*1¼	114.3*42.4 4.5*1.66	2.07 300	75	102
100*40 4*1½	114.3*48.3 4.5*1.9	2.07 300	75	102
100*50 4*2	114.3*60.3 4.5*2.375	2.07 300	85	102
100*65 4*2½	114.3*73 4.5*2.875	2.07 300	85	102
100*65 4*2½	114.3*76.1 4.5*3	2.07 300	80	95
100*80 4*3	114.3*88.9 4.5*3.5	2.07 300	85	95
125*25 5*1	133*33.7 5.25*1.327	2.07 300	70	122
125*32 5*1¼	133*42.4 5.25*1.66	2.07 300	70	122

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
125*40 5*1½	133*48.3 5.25*1.9	2.07 300	70	70
125*50 5*2	133*60.3 5.25*2.375	2.07 300	70	70
125*65 5*2½	133*76.1 5.25*3	2.07 300	70	70
125*80 5*3	133*88.9 5.25*3.5	2.07 300	70	70
125*100 5*4	133*114.3 5.25*4.5	2.07 300	70	70
125*25 5*1	139.7*33.7 5.5*1.327	2.07 300	70	70
125*32 5*1¼	139.7*42.4 5.5*1.66	2.07 300	75	75
125*40 5*1½	139.7*48.3 5.5*1.9	2.07 300	75	75
125*50 5*2	139.7*60.3 5.5*2.375	2.07 300	75	75
125*65 5*2½	139.7*73 5.5*2.875	2.07 300	75	75
125*65 5*2½	139.7*76.1 5.5*3	2.07 300	75	75
125*80 5*3	139.7*88.9 5.5*3.5	2.07 300	75	75
125*100 5*4	139.7*114.3 5.5*4.5	2.07 300	75	75
125*25 5*1	141.3*33.7 5.563*1.327	2.07 300	75	75
125*32 5*1¼	141.3*42.4 5.563*1.66	2.07 300	86	86
125*40 5*1½	141.3*48.3 5.563*1.9	2.07 300	70	86
125*50 5*2	141.3*60.3 5.563*2.375	2.07 300	86	86
125*65 5*2½	141.3*73 5.563*2.875	2.07 300	75	86
125*65 5*2½	141.3*76.1 5.563*3	2.07 300	70	102
125*80 5*3	141.3*88.9 5.563*3.5	2.07 300	70	102
125*100 5*4	141.3*114.3 5.563*4.5	2.07 300	75	102
150*25 6*1	159*33.7 6.25*1.327	2.07 300	85	95
150*32 6*1¼	159*42.4 6.25*1.66	2.07 300	80	95
150*40 6*1½	159*48.3 6.25*1.9	2.07 300	85	102
150*50 6*2	159*60.3 6.25*2.375	2.07 300	78	102
150*65 6*2½	159*76.1 6.25*3	2.07 300	75	102
150*80 6*3	159*88.9 6.25*3.5	2.07 300	75	102
150*100 6*4	159*108 6.25*4.252	2.07 300	85	102
150*100 6*4	159*114.3 6.25*4.5	2.07 300	85	102
150*125 6*5	159*139.7 6.25*5.5	2.07 300	80	95
150*25 6*1	165.1*33.7 6.5*1.327	2.07 300	85	95
150*32 6*1¼	165.1*42.4 6.5*1.66	2.07 300	70	122
150*40 6*1½	165.1*48.3 6.5*1.9	2.07 300	70	122

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

37/72

Ver. A, 15032026, © Blaze 2026

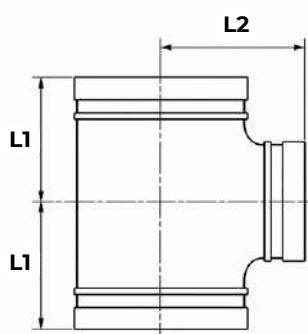


BLAZE



Grooved Reducing Tee

Model : BT-130R



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
150*50 6**2"	165.1*60.3 6.5*2.375	2.07 300	85	140
150*65 6**2½"	165.1*73.0 6.5*2.875	2.07 300	78	120
150*65 6**2½"	165.1*76.1 6.5*3	2.07 300	78	120
150*80 6**3"	165.1*88.9 6.5*3.5	2.07 300	102	122
150*100 6**4"	165.1*108.0 6.5*4.252	2.07 300	102	120
150*100 6**4"	165.1*114.3 6.5*4.5	2.07 300	102	120
150*125 6**5"	165.1*139.7 6.5*5.5	2.07 300	108	125
150*125 6**5"	165.1*141.3 6.5*5.563	2.07 300	108	125
150*25 6**1"	168.3*33.7 6.625*1.327	2.07 300	70	130
150*32 6**1½"	168.3*42.4 6.625*1.66	2.07 300	70	130
150*40 6**1½"	168.3*48.3 6.625*1.9	2.07 300	75	135
150*50 6**2"	168.3*60.3 6.625*2.375	2.07 300	85	135
150*65 6**2½"	168.3*73.0 6.625*2.875	2.07 300	85	135
150*65 6**3"	168.3*76.1 6.625*3	2.07 300	85	135
150*80 6**3"	168.3*88.9 6.625*3.5	2.07 300	100	140
150*100 6**4"	168.3*114.3 6.625*4.5	2.07 300	105	140
150*125 6**5"	168.3*139.7 6.625*5.5	2.07 300	125	140
150*125 6**5"	168.3*141.3 6.625*5.563	2.07 300	125	140
200*50 8**2"	216.3*60.3 8.516*2.375	2.07 300	90	155
200*65 8**2½"	216.3*76.1 8.516*3	2.07 300	90	165
200*80 8**3"	216.3*88.9 8.516*3.5	2.07 300	100	165
200*100 8**4"	216.3*114.3 8.516*4.5	2.07 300	120	165
200*125 8**5"	216.3*139.7 8.516*5.5	2.07 300	130	175
200*150 8**6"	216.3*165.1 8.516*6.5	2.07 300	145	175
200*32 8**1½"	219.1*42.4 8.625*1.66	2.07 300	75	155
200*40 8**1½"	219.1*48.3 8.625*1.9	2.07 300	75	155
200*50 8**2"	219.1*60.3 8.625*2.375	2.07 300	90	155
200*65 8**2½"	219.1*73.0 8.625*2.875	2.07 300	90	155
200*65 8**2½"	219.1*76.1 8.625*3	2.07 300	90	160
200*80 8**3"	219.1*88.9 8.625*3.5	2.07 300	100	155
200*100 8**4"	219.1*108.0 8.625*4.252	2.07 300	110	170
200*100 8**4"	219.1*114.3 8.625*4.5	2.07 300	110	170
200*125 8**5"	219.1*139.7 8.625*5.5	2.07 300	130	120

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
200*125 8**5"	219.1*141.3 8.625*5.563	2.07 300	130	175
200*150 8**6"	219.1*159.0 8.625*6.25	2.07 300	140	155
200*150 8**6"	219.1*165.1 8.625*6.5	2.07 300	140	155
200*150 8**6"	219.1*168.3 8.625*6.625	2.07 300	140	175
250*50 10**2"	267.4*60.3 10.528*2.375	2.07 300	95	195
250*65 10**2½"	267.4*76.1 10.528*3	2.07 300	95	195
250*80 10**3"	267.4*88.9 10.528*3.5	2.07 300	95	195
250*100 10**4"	267.4*114.3 10.528*4.5	2.07 300	125	210
250*125 10**5"	267.4*139.7 10.528*5.5	2.07 300	130	215
250*150 10**6"	267.4*165.1 10.528*6.5	2.07 300	155	210
250*200 10**8"	267.4*219.1 10.528*8.625	2.07 300	190	210
250*50 10**2"	273.0*60.3 10.75*2.375	2.07 300	95	195
250*65 10**2½"	273.0*73.0 10.75*2.875	2.07 300	90	197
250*65 10**2½"	273.0*76.1 10.75*3	2.07 300	90	197
250*80 10**3"	273.0*88.9 10.75*3.5	2.07 300	100	197
250*100 10**4"	273.0*114.3 10.75*4.5	2.07 300	125	210
250*125 10**5"	273.0*139.7 10.75*5.5	2.07 300	130	210
250*125 10**5"	273.0*141.3 10.75*5.563	2.07 300	130	210
250*150 10**6"	273.0*165.1 10.75*6.5	2.07 300	155	210
250*150 10**6"	273.0*168.3 10.75*6.625	2.07 300	155	210
250*200 10**8"	273.0*219.1 10.75*8.625	2.07 300	190	210
300*100 12**4"	318.5*114.3 12.539*4.5	2.07 300	125	230
300*125 12**5"	318.5*139.7 12.539*5.5	2.07 300	130	230
300*150 12**6"	318.5*165.1 12.539*6.5	2.07 300	155	230
300*200 12**8"	318.5*219.1 12.539*8.625	2.07 300	190	235
300*250 12**10"	318.5*273.0 12.539*10.75	2.07 300	220	235
300*100 12**4"	323.9*114.3 12.75*4.5	2.07 300	125	230
300*125 12**5"	323.9*139.7 12.75*5.5	2.07 300	130	230
300*125 12**5"	323.9*141.3 12.75*5.563	2.07 300	130	230
300*150 12**6"	323.9*165.1 12.75*6.5	2.07 300	155	230
300*150 12**6"	323.9*168.3 12.75*6.625	2.07 300	155	230
300*200 12**8"	323.9*219.1 12.75*8.625	2.07 300	190	235
300*250 12**10"	323.9*273.0 12.75*10.75	2.07 300	220	235

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

38/72

Ver. A, 15032026, © Blaze 2026



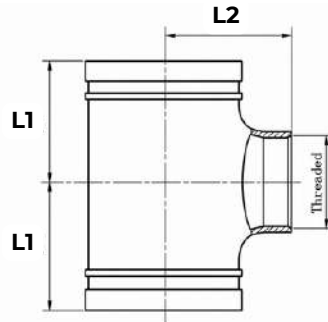
BLAZE



Threaded Reducing Tee

Model : BT-130RT

NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
50*25 2"*1"	60.3*33.7 2.375*1.327	2.07 300	70	70
50*32 2"*1 1/4"	60.3*42.4 2.375*1.66	2.07 300	70	70
50*40 2"*1 1/2"	60.3*48.3 2.375*1.9	2.07 300	70	70
65*25 2 1/2"*1"	73.0*33.7 2.875*1.327	2.07 300	75	75
65*32 2 1/2"*1 1/4"	73.0*42.4 2.875*1.66	2.07 300	75	75
65*40 2 1/2"*1 1/2"	73.0*48.3 2.875*1.9	2.07 300	75	75
65*50 2 1/2"*2"	73.0*60.3 2.875*2.375	2.07 300	75	75
65*20 2 1/2"*3/4"	76.1*26.9 3*1.05	2.07 300	75	75
65*25 2 1/2"*1"	76.1*33.7 3*1.327	2.07 300	75	75
65*32 2 1/2"*1 1/4"	76.1*42.4 3*1.66	2.07 300	75	75
65*40 2 1/2"*1 1/2"	76.1*48.3 3*1.9	2.07 300	75	75
65*50 2 1/2"*2"	76.1*60.3 3*2.375	2.07 300	75	75
80*20 3"*3/4"	88.9*26.9 3.5*1.05	2.07 300	86	86
80*25 3"*1"	88.9*33.7 3.5*1.327	2.07 300	70	80
80*32 3"*1 1/4"	88.9*42.4 3.5*1.66	2.07 300	70	86
80*40 3"*1 1/2"	88.9*48.3 3.5*1.9	2.07 300	75	86
80*50 3"*2"	88.9*60.3 3.5*2.375	2.07 300	86	86
80*65 3"*2 1/2"	88.9*76.1 3.5*3	2.07 300	77	75
100*25 4"*1"	108.0*33.7 4.252*1.327	2.07 300	70	102
100*32 4"*1 1/4"	108.0*42.4 4.252*1.66	2.07 300	70	102
100*40 4"*1 1/2"	108.0*48.3 4.252*1.9	2.07 300	75	102
100*50 4"*2"	108.0*60.3 4.252*2.375	2.07 300	85	102
100*65 4"*2 1/2"	108.0*76.1 4.252*3	2.07 300	80	90

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
100*80 4"*3"	108.0*88.9 4.252*3.5	2.07 300	85	95
100*25 4"*1"	114.3*33.7 4.5*1.327	2.07 300	70	102
100*32 4"*1 1/4"	114.3*42.4 4.5*1.66	2.07 300	70	102
100*40 4"*1 1/2"	114.3*48.3 4.5*1.9	2.07 300	75	102
100*50 4"*2"	114.3*60.3 4.5*2.375	2.07 300	85	95
100*65 4"*2 1/2"	114.3*73.0 4.5*2.875	2.07 300	80	90
100*65 4"*2 1/2"	114.3*76.1 4.5*3	2.07 300	80	90
100*80 4"*3"	114.3*88.9 4.5*3.5	2.07 300	85	95
100*15 4"*1 1/2"	114.3*21.6 4.5*0.85	2.07 300	70	102
100*20 4"*3/4"	114.3*26.9 4.5*1.05	2.07 300	70	102
125*25 5"*1"	133.0*33.7 5.25*1.327	2.07 300	70	122
125*32 5"*1 1/4"	133.0*42.4 5.25*1.66	2.07 300	70	122
125*40 5"*1 1/2"	133.0*48.3 5.25*1.9	2.07 300	75	122
125*50 5"*2"	133.0*60.3 5.25*2.375	2.07 300	85	122
125*65 5"*2 1/2"	133.0*76.1 5.25*3	2.07 300	85	122
125*80 5"*3"	133.0*88.9 5.25*3.5	2.07 300	100	122
125*100 5"*4"	133.0*114.3 5.25*4.5	2.07 300	110	122
125*25 5"*1"	139.7*33.7 5.5*1.327	2.07 300	70	115
125*32 5"*1 1/4"	139.7*42.4 5.5*1.66	2.07 300	70	122
125*40 5"*1 1/2"	139.7*48.3 5.5*1.9	2.07 300	75	122
125*50 5"*2"	139.7*60.3 5.5*2.375	2.07 300	85	122
125*65 5"*2 1/2"	139.7*73.0 5.5*2.875	2.07 300	85	122
125*65 5"*2 1/2"	139.7*76.1 5.5*3	2.07 300	85	122

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

39/72

Ver. A, 15032026, © Blaze 2026



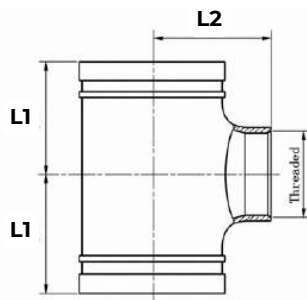
BLAZE



Threaded Reducing Tee

Model : BT-130RT

NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
125*80 5"*3"	139.7*88.9 5.5*3.5	2.07 300	100	122
125*100 5"*4"	139.7*114.3 5.5*4.5	2.07 300	110	122
125*25 5"*1"	141.3*33.7 5.563*1.327	2.07 300	70	115
125*32 5"*1 1/4"	141.3*42.4 5.563*1.66	2.07 300	70	122
125*40 5"*1 1/2"	141.3*48.3 5.563*1.9	2.07 300	75	122
125*50 5"*2"	141.3*60.3 5.563*2.375	2.07 300	85	122
125*65 5"*2 1/2"	141.3*73.0 5.563*2.875	2.07 300	85	122
125*65 5"*2 1/2"	141.3*76.1 5.563*3	2.07 300	85	122
125*80 5"*3"	141.3*88.9 5.563*3.5	2.07 300	100	122
125*100 5"*4"	141.3*114.3 5.563*4.5	2.07 300	110	122
150*25 6"*1"	159.0*33.7 6.25*1.327	2.07 300	70	140
150*32 6"*1 1/4"	159.0*42.4 6.25*1.66	2.07 300	70	140
150*40 6"*1 1/2"	159.0*48.3 6.25*1.9	2.07 300	75	140
150*50 6"*2"	159.0*60.3 6.25*2.375	2.07 300	85	140
150*65 6"*2 1/2"	159.0*76.1 6.25*3	2.07 300	85	135
150*80 6"*3"	159.0*88.9 6.25*3.5	2.07 300	100	140
150*100 6"*4"	159.0*114.3 6.25*4.5	2.07 300	102	120
150*25 6"*1"	165.1*33.7 6.5*1.327	2.07 300	70	130
150*32 6"*1 1/4"	165.1*42.4 6.5*1.66	2.07 300	70	130
150*40 6"*1 1/2"	165.1*48.3 6.5*1.9	2.07 300	75	130
150*50 6"*2"	165.1*60.3 6.5*2.375	2.07 300	85	140
150*65 6"*2 1/2"	165.1*73.0 6.5*2.875	2.07 300	78	120
150*65 6"*2 1/2"	165.1*76.1 6.5*3	2.07 300	78	120

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
150*80 6"*3"	165.1*88.9 6.5*3.5	2.07 300	107	117
150*100 6"*4"	165.1*114.3 6.5*4.5	2.07 300	105	120
150*25 6"*1"	168.3*33.7 6.625*1.327	2.07 300	70	125
150*32 6"*1 1/4"	168.3*42.4 6.625*1.66	2.07 300	70	130
150*40 6"*1 1/2"	168.3*48.3 6.625*1.9	2.07 300	75	140
150*50 6"*2"	168.3*60.3 6.625*2.375	2.07 300	85	140
150*65 6"*2 1/2"	168.3*73.0 6.625*2.875	2.07 300	85	140
150*65 6"*2 1/2"	168.3*76.1 6.625*3	2.07 300	85	135
150*80 6"*3"	168.3*88.9 6.625*3.5	2.07 300	100	130
150*100 6"*4"	168.3*114.3 6.625*4.5	2.07 300	110	140
200*32 8"*1 1/4"	219.1*42.4 8.625*1.66	2.07 300	75	155
200*40 8"*1 1/2"	219.1*48.3 8.625*1.9	2.07 300	75	155
200*50 8"*2"	219.1*60.3 8.625*2.375	2.07 300	85	150
200*65 8"*2 1/2"	219.1*73.0 8.625*2.875	2.07 300	95	150
200*65 8"*2 1/2"	219.1*76.1 8.625*3	2.07 300	95	150
200*80 8"*3"	219.1*88.9 8.625*3.5	2.07 300	100	155
200*100 8"*4"	219.1*114.3 8.625*4.5	2.07 300	112	155
250*50 10"*2"	273.0*60.3 10.75*2.375	2.07 300	90	197
250*65 10"*2 1/2"	273.0*73.0 10.75*2.875	2.07 300	90	197
250*65 10"*2 1/2"	273.0*76.1 10.75*3	2.07 300	90	197
250*80 10"*3"	273.0*88.9 10.75*3.5	2.07 300	100	197
250*100 10"*4"	273.0*114.3 10.75*4.5	2.07 300	125	210
300*100 12"*4"	323.9*114.3 12.75*4.5	2.07 300	125	220

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

40/72

Ver. A, 15032026, © Blaze 2026

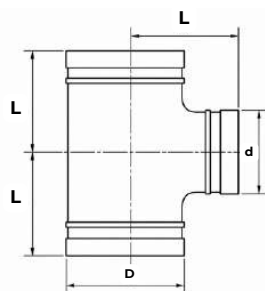


BLAZE



Grooved Reducing Tee - Long Radius

Model : BT-131R



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
32*25 1½" * 1"	42.4*33.7 1.66*1.327	2.07 300	70
40*25 1½" * 1"	48.3*33.7 1.9*1.327	2.07 300	70
40*32 1½" * 1¼"	48.3*42.4 1.9*1.66	2.07 300	70
50*25 2" * 1"	60.3*33.7 2.375*1.327	2.07 300	70
50*32 2" * 1½"	60.3*42.4 2.375*1.66	2.07 300	70
50*40 2" * 1½"	60.3*48.3 2.375*1.9	2.07 300	70
65*25 2½" * 1"	73.0*33.7 2.875*1.327	2.07 300	76
65*32 2½" * 1¼"	73.0*42.4 2.875*1.66	2.07 300	76
65*40 2½" * 1½"	73.0*48.3 2.875*1.9	2.07 300	76
65*50 2½" * 2"	73.0*60.3 2.875*2.375	2.07 300	76
65*25 2½" * 1"	76.1*33.7 3*1.327	2.07 300	76
65*32 2½" * 1½"	76.1*42.4 3*1.66	2.07 300	76
65*40 2½" * 1½"	76.1*48.3 3*1.9	2.07 300	76
65*50 2½" * 2"	76.1*60.3 3*2.375	2.07 300	76
80*25 3" * 1"	88.9*33.7 3.5*1.327	2.07 300	86
80*32 3" * 1¼"	88.9*42.4 3.5*1.66	2.07 300	86
80*40 3" * 1½"	88.9*48.3 3.5*1.9	2.07 300	86
80*50 3" * 2"	88.9*60.3 3.5*2.375	2.07 300	86
80*65 3" * 2½"	88.9*73.0 3.5*2.875	2.07 300	86
80*65 3" * 2½"	88.9*76.1 3.5*3	2.07 300	86
100*25 4" * 1"	108.0*33.7 4.252*1.327	2.07 300	102
100*32 4" * 1¼"	108.0*42.4 4.252*1.66	2.07 300	102
100*40 4" * 1½"	108.0*48.3 4.252*1.9	2.07 300	102
100*50 4" * 2"	108.0*60.3 4.252*2.375	2.07 300	102
100*65 4" * 2½"	108.0*76.1 4.252*3	2.07 300	102

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
100*80 4" * 3"	108.0*88.9 4.252*3.5	2.07 300	70
100*25 4" * 1"	114.3*33.7 4.5*1.327	2.07 300	70
100*32 4" * 1¼"	114.3*42.4 4.5*1.66	2.07 300	70
100*40 4" * 1½"	114.3*48.3 4.5*1.9	2.07 300	70
100*50 4" * 2"	114.3*60.3 4.5*2.375	2.07 300	70
100*65 4" * 2½"	114.3*73.0 4.5*2.875	2.07 300	70
100*65 4" * 2½"	114.3*76.1 4.5*3	2.07 300	76
100*80 4" * 3"	114.3*88.9 4.5*3.5	2.07 300	76
125*25 5" * 1"	133.0*33.7 5.25*1.327	2.07 300	76
125*32 5" * 1¼"	133.0*42.4 5.25*1.66	2.07 300	76
125*40 5" * 1½"	133.0*48.3 5.25*1.9	2.07 300	76
125*50 5" * 2"	133.0*60.3 5.25*2.375	2.07 300	76
125*65 5" * 2½"	133.0*76.1 5.25*3	2.07 300	76
125*80 5" * 3"	133.0*88.9 5.25*3.5	2.07 300	76
125*100 5" * 4"	133.0*114.3 5.25*4.5	2.07 300	86
125*25 5" * 1"	139.7*33.7 5.5*1.327	2.07 300	86
125*32 5" * 1¼"	139.7*42.4 5.5*1.66	2.07 300	86
125*40 5" * 1½"	139.7*48.3 5.5*1.9	2.07 300	86
125*50 5" * 2"	139.7*60.3 5.5*2.375	2.07 300	86
125*65 5" * 2½"	139.7*73.0 5.5*2.875	2.07 300	86
125*65 5" * 2½"	139.7*76.1 5.5*3	2.07 300	102
125*80 5" * 3"	139.7*88.9 5.5*3.5	2.07 300	102
125*100 5" * 4"	139.7*108.0 5.5*4.252	2.07 300	102
125*100 5" * 4"	139.7*114.3 5.5*4.5	2.07 300	102
125*25 5" * 1"	141.3*33.7 5.563*1.327	2.07 300	102

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

41/72

Ver. A, 15032026, © Blaze 2026

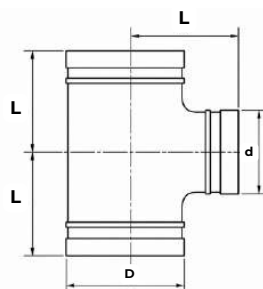


BLAZE



Grooved Reducing Tee - Long Radius

Model : BT-131R



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
125*32 5"*1¼"	141.3*42.4 5.563*1.66	2.07 300	122
125*40 5"*1½"	141.3*48.3 5.563*1.9	2.07 300	122
125*50 5"*2"	141.3*60.3 5.563*2.375	2.07 300	122
125*65 5"*2½"	141.3*73.0 5.563*2.875	2.07 300	122
125*65 5"*2½"	141.3*76.1 5.563*3	2.07 300	122
125*80 5"*3"	141.3*88.9 5.563*3.5	2.07 300	122
125*100 5"*4"	141.3*114.3 5.563*4.5	2.07 300	122
150*25 6"*1"	159.0*33.7 6.25*1.327	2.07 300	140
150*32 6"*1¼"	159.0*42.4 6.25*1.66	2.07 300	140
150*40 6"*1½"	159.0*48.3 6.25*1.9	2.07 300	140
150*50 6"*2"	159.0*60.3 6.25*2.375	2.07 300	140
150*65 6"*2½"	159.0*76.1 6.25*3	2.07 300	140
150*80 6"*3"	159.0*88.9 6.25*3.5	2.07 300	140
150*100 6"*4"	159.0*108.0 6.25*4.252	2.07 300	140
150*100 6"*4"	159.0*114.3 6.25*4.5	2.07 300	140
150*125 6"*5"	159.0*139.7 6.25*5.5	2.07 300	140
150*25 6"*1"	165.1*33.7 6.5*1.327	2.07 300	140
150*32 6"*1¼"	165.1*42.4 6.5*1.66	2.07 300	140
150*40 6"*1½"	165.1*48.3 6.5*1.9	2.07 300	140
150*50 6"*2"	165.1*60.3 6.5*2.375	2.07 300	140
150*65 6"*2½"	165.1*73.0 6.5*2.875	2.07 300	140
150*65 6"*2½"	165.1*76.1 6.5*3	2.07 300	140
150*80 6"*3"	165.1*88.9 6.5*3.5	2.07 300	140
150*100 6"*4"	165.1*108.0 6.5*4.252	2.07 300	140

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
150*100 6"*4"	165.1*114.3 6.5*4.5	2.07 300	140
150*125 6"*5"	165.1*139.7 6.5*5.5	2.07 300	140
150*125 6"*5"	165.1*141.3 6.5*5.563	2.07 300	140
150*25 6"*1"	168.3*33.7 6.625*1.327	2.07 300	140
150*32 6"*1¼"	168.3*42.4 6.625*1.66	2.07 300	140
150*40 6"*1½"	168.3*48.3 6.625*1.9	2.07 300	140
150*50 6"*2"	168.3*60.3 6.625*2.375	2.07 300	140
150*65 6"*2½"	168.3*73.0 6.625*2.875	2.07 300	140
150*65 6"*2½"	168.3*76.1 6.625*3	2.07 300	140
150*80 6"*3"	168.3*88.9 6.625*3.5	2.07 300	140
150*100 6"*4"	168.3*114.3 6.625*4.5	2.07 300	140
150*125 6"*5"	168.3*139.7 6.625*5.5	2.07 300	140
150*125 6"*5"	168.3*141.3 6.625*5.563	2.07 300	140
200*50 8"*2"	219.1*60.3 8.625*2.375	2.07 300	175
200*65 8"*2½"	219.1*73.0 8.625*2.875	2.07 300	175
200*65 8"*2½"	219.1*76.1 8.625*3	2.07 300	175
200*80 8"*3"	219.1*88.9 8.625*3.5	2.07 300	175
200*100 8"*4"	219.1*108.0 8.625*4.252	2.07 300	175
200*100 8"*4"	219.1*114.3 8.625*4.5	2.07 300	175
200*125 8"*5"	219.1*139.7 8.625*5.5	2.07 300	175
200*125 8"*5"	219.1*141.3 8.625*5.563	2.07 300	175
200*150 8"*6"	219.1*159.0 8.625*6.25	2.07 300	175
200*150 8"*6"	219.1*165.1 8.625*6.5	2.07 300	175
200*150 8"*6"	219.1*168.3 8.625*6.625	2.07 300	175

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

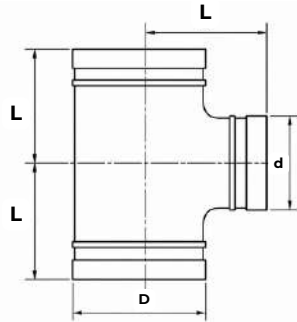
PRECISION YOU CAN TRUST

42/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Grooved Reducing Tee - Long Radius

Model : BT-131R

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
250*100 10"*4"	273.0*108.0 10.75*4.252	2.07 300	229
250*100 10"*4"	273.0*114.3 10.75*4.5	2.07 300	229
250*125 10"*5"	273.0*139.7 10.75*5.5	2.07 300	229
250*125 10"*5"	273.0*141.3 10.75*5.563	2.07 300	229
250*150 10"*6"	273.0*159.0 10.75*6.25	2.07 300	229
250*150 10"*6"	273.0*165.1 10.75*6.5	2.07 300	229
250*150 10"*6"	273.0*168.3 10.75*6.625	2.07 300	229
250*200 10"*8"	273.0*219.1 10.75*8.625	2.07 300	229
300*100 12"*4"	323.9*114.3 12.75*4.5	2.07 300	254
300*125 12"*5"	323.9*139.7 12.75*5.5	2.07 300	254
300*125 12"*5"	323.9*141.3 12.75*5.563	2.07 300	254
300*150 12"*6"	323.9*159.0 12.75*6.25	2.07 300	254
300*150 12"*6"	323.9*165.1 12.75*6.5	2.07 300	254
300*150 12"*6"	323.9*168.3 12.75*6.625	2.07 300	254
300*200 12"*8"	323.9*219.1 12.75*8.625	2.07 300	254
300*250 12"*10"	323.9*273.0 12.75*10.75	2.07 300	254

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**43/72**

Ver. A, 15032026, © Blaze 2026

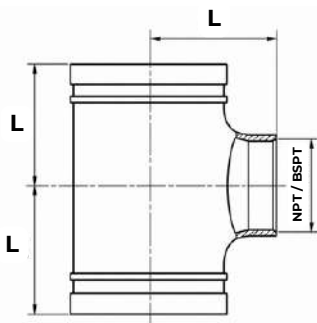


BLAZE



Threaded Reducing Tee - Long Radius

Model : BT-131RT



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
32*25 1¼"1"	42.4*33.7 1.66*1.327	2.07 300	70
40*25 1½"1"	48.3*33.7 1.9*1.327	2.07 300	70
40*32 1½"1¼"	48.3*42.4 1.9*1.66	2.07 300	70
50*25 2"1"	60.3*33.7 2.375*1.327	2.07 300	70
50*32 2"1¼"	60.3*42.4 2.375*1.66	2.07 300	70
50*40 2"1½"	60.3*48.3 2.375*1.9	2.07 300	70
65*25 2½"1"	73.0*33.7 2.875*1.327	2.07 300	76
65*32 2½"1¼"	73.0*42.4 2.875*1.66	2.07 300	76
65*40 2½"1½"	73.0*48.3 2.875*1.9	2.07 300	76
65*50 2½"2"	73.0*60.3 2.875*2.375	2.07 300	76
65*25 2½"1"	76.1*33.7 3*1.327	2.07 300	76
65*32 2½"1¼"	76.1*42.4 3*1.66	2.07 300	76
65*40 2½"1½"	76.1*48.3 3*1.9	2.07 300	76
65*50 2½"2"	76.1*60.3 3*2.375	2.07 300	76
80*25 3"1"	88.9*33.7 3.5*1.327	2.07 300	86
80*32 3"1¼"	88.9*42.4 3.5*1.66	2.07 300	86
80*40 3"1½"	88.9*48.3 3.5*1.9	2.07 300	86
80*50 3"2"	88.9*60.3 3.5*2.375	2.07 300	86
80*65 3"2½"	88.9*73.0 3.5*2.875	2.07 300	86
80*65 3"2½"	88.9*76.1 3.5*3	2.07 300	86
100*25 4"1"	108.0*33.7 4.252*1.327	2.07 300	102
100*32 4"1¼"	108.0*42.4 4.252*1.66	2.07 300	102
100*40 4"1½"	108.0*48.3 4.252*1.9	2.07 300	102
100*50 4"2"	108.0*60.3 4.252*2.375	2.07 300	102
100*65 4"2½"	108.0*76.1 4.252*3	2.07 300	102

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
100*80 4"3"	108.0*88.9 4.252*3.5	2.07 300	102
100*25 4"1"	114.3*33.7 4.5*1.327	2.07 300	102
100*32 4"1¼"	114.3*42.4 4.5*1.66	2.07 300	102
100*40 4"1½"	114.3*48.3 4.5*1.9	2.07 300	102
100*50 4"2"	114.3*60.3 4.5*2.375	2.07 300	102
100*65 4"2½"	114.3*73.0 4.5*2.875	2.07 300	102
100*65 4"2½"	114.3*76.1 4.5*3	2.07 300	102
100*80 4"3"	114.3*88.9 4.5*3.5	2.07 300	102
125*25 5"1"	133.0*33.7 5.25*1.327	2.07 300	122
125*32 5"1¼"	133.0*42.4 5.25*1.66	2.07 300	122
125*40 5"1½"	133.0*48.3 5.25*1.9	2.07 300	122
125*50 5"2"	133.0*60.3 5.25*2.375	2.07 300	122
125*65 5"2½"	133.0*76.1 5.25*3	2.07 300	122
125*80 5"3"	133.0*88.9 5.25*3.5	2.07 300	122
125*100 5"4"	133.0*114.3 5.25*4.5	2.07 300	122
125*25 5"1"	139.7*33.7 5.5*1.327	2.07 300	122
125*32 5"1¼"	139.7*42.4 5.5*1.66	2.07 300	122
125*40 5"1½"	139.7*48.3 5.5*1.9	2.07 300	122
125*50 5"2"	139.7*60.3 5.5*2.375	2.07 300	122
125*65 5"2½"	139.7*73.0 5.5*2.875	2.07 300	122
125*65 5"2½"	139.7*76.1 5.5*3	2.07 300	122
125*80 5"3"	139.7*88.9 5.5*3.5	2.07 300	122
125*100 5"4"	139.7*114.3 5.5*4.5	2.07 300	122
125*25 5"1"	141.3*33.7 5.563*1.327	2.07 300	122
125*32 5"1¼"	141.3*42.4 5.563*1.66	2.07 300	122

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

44/72

Ver. A, 15032026, © Blaze 2026

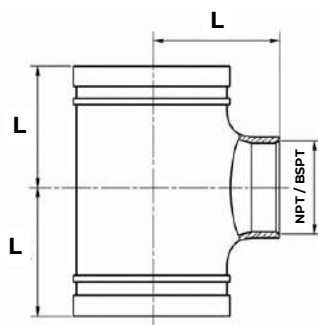


BLAZE



Threaded Reducing Tee - Long Radius

Model : BT-131RT



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
125*40 5*1½	141.3*48.3 5.563*1.9	2.07 300	122
125*50 5*2	141.3*60.3 5.563*2.375	2.07 300	122
125*65 5*2½	141.3*73 5.563*2.875	2.07 300	122
125*65 5*2½	141.3*76.1 5.563*3	2.07 300	122
125*80 5*3	141.3*88.9 5.563*3.5	2.07 300	122
125*100 5*4	141.3*114.3 5.563*4.5	2.07 300	122
150*25 6*1	159*33.7 6.25*1.327	2.07 300	140
150*32 6*1¼	159*42.4 6.25*1.66	2.07 300	140
150*40 6*1½	159*48.3 6.25*1.9	2.07 300	140
150*50 6*2	159*60.3 6.25*2.375	2.07 300	140
150*65 6*2½	159*76.1 6.25*3	2.07 300	140
150*80 6*3	159*88.9 6.25*3.5	2.07 300	140
150*100 6*4	159*114.3 6.25*4.5	2.07 300	140
150*25 6*1	165.1*33.7 6.5*1.327	2.07 300	140
150*32 6*1¼	165.1*42.4 6.5*1.66	2.07 300	140
150*40 6*1½	165.1*48.3 6.5*1.9	2.07 300	140
150*50 6*2	165.1*60.3 6.5*2.375	2.07 300	140
150*65 6*2½	165.1*73 6.5*2.875	2.07 300	140

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
150*65 6*2½	165.1*76.1 6.5*3	2.07 300	140
150*80 6*3	165.1*88.9 6.5*3.5	2.07 300	140
150*100 6*4	165.1*114.3 6.5*4.5	2.07 300	140
150*25 6*1	168.3*33.7 6.625*1.327	2.07 300	140
150*32 6*1¼	168.3*42.4 6.625*1.66	2.07 300	140
150*40 6*1½	168.3*48.3 6.625*1.9	2.07 300	140
150*50 6*2	168.3*60.3 6.625*2.375	2.07 300	140
150*65 6*2½	168.3*73 6.625*2.875	2.07 300	140
150*65 6*2½	168.3*76.1 6.625*3	2.07 300	140
150*80 6*3	168.3*88.9 6.625*3.5	2.07 300	140
150*100 6*4	168.3*114.3 6.625*4.5	2.07 300	140
200*50 8*2	219.1*60.3 8.625*2.375	2.07 300	175
200*65 8*2½	219.1*73 8.625*2.875	2.07 300	175
200*65 8*2½	219.1*76.1 8.625*3	2.07 300	175
200*80 8*3	219.1*88.9 8.625*3.5	2.07 300	175
200*100 8*4	219.1*114.3 8.625*4.5	2.07 300	175
250*100 10*4	273*114.3 10.75*4.5	2.07 300	175
300*100 12*4	323.9*114.3 12.75*4.5	2.07 300	175

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

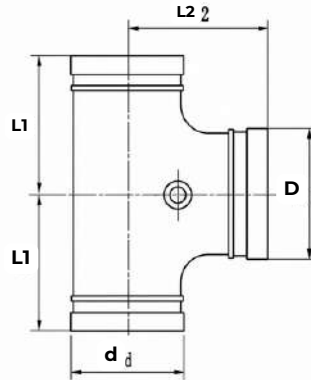
PRECISION YOU CAN TRUST

45/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Bullhead Tee

Model : BT-130BT

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
50*50*65 2*2*2½	60.3*60.3*73 2.375*2.375*2.875	2.07 300	95	93
50*50*80 2*2*3	60.3*60.3*88.9 2.375*2.375*3.5	2.07 300	108	95
50*50*100 2*2*4	60.3*60.3*114.3 2.375*2.375*4.5	2.07 300	127	102
65*65*80 2½*2½*3	73*73*88.9 2.875*2.875*3.5	2.07 300	108	95
65*65*100 2½*2½*4	73*73*114.3 2.875*2.875*4.5	2.07 300	127	102
65*65*80 2½*2½*3	76.1*76.1*88.9 3*3*3.5	2.07 300	108	95
65*65*100 2½*2½*4	76.1*76.1*114.3 3*3*4.5	2.07 300	127	102
80*80*100 3*3*4	88.9*88.9*114.3 3.5*3.5*4.5	2.07 300	127	102
100*100*150 4*4*6	114.3*114.3*168.3 4.5*4.5*6.625	2.07 300	165	127
125*125*200 5*5*8	141.3*141.3*219.1 5.563*5.563*8.625	2.07 300	197	140
150*150*200 6*6*8	168.3*168.3*219.1 6.625*6.625*8.625	2.07 300	197	165

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

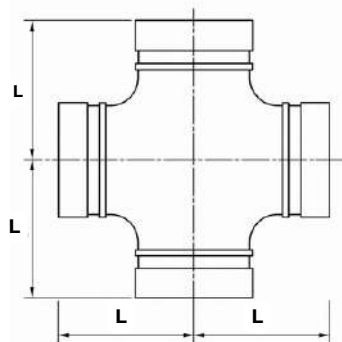
Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**46/72**

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Equal Cross

Model : BT-180L / 180S / 180SL

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)		
			L		
			BT-180L	BT-180S	BT-180SL
25 1	33.7 1.315	2.07 300	57	-	57
32 1¼	42.4 1.66	2.07 300	70	-	70
40 1½	48.3 1.9	2.07 300	70	-	70
50 2	60.3 2.375	2.07 300	83	70	70
65 2	73 2.875	2.07 300	95	76	76
65 2	76.1 3	2.07 300	95	76	76
80 3	88.9 3.5	2.07 300	108	80	86
100 4	108 4.252	2.07 300	-	92	102
100 4	114.3 4.5	2.07 300	127	96	102
125 5	133 5.25	2.07 300	-	108	122
125 5	139.7 5.5	2.07 300	140	108	122
125 5	141.3 5.563	2.07 300	140	-	122
150 6	159 6.26	2.07 300	-	122	140
150 6	165.1 6.5	2.07 300	165	122	140

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)		
			L		
			BT-180L	BT-180S	BT-180SL
150 6	168.3 6.625	2.07 300	165	125	140
200 8	216.3 8.516	2.07 300	197	-	175
200 8	219.1 8.625	2.07 300	197	155	175
250 10	267.4 10.528	2.07 300	229	-	215
250 10	273 10.75	2.07 300	229	190	215
300 12	318.5 12.539	2.07 300	254	-	245
300 12	323.9 12.75	2.07 300	254	220	245
350 14	355.6 14.000	2.07 300	279	-	-
350 14	377.0 14.84	2.07 300	279	-	-
400 16	406.4 16.000	2.07 300	305	-	-
400 16	426.0 16.77	2.07 300	305	-	-
450 18	457.2 18.000	2.07 300	394	-	-
450 18	480.0 18.90	2.07 300	335	-	-
500 20	508.0 20.000	2.07 300	438	-	-
600 24	609.6 24.000	2.07 300	508	-	-

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**47/72**

Ver. A, 15032026, © Blaze 2026

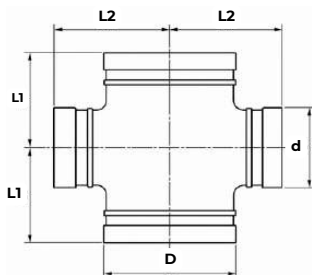


BLAZE



Grooved Reducing Cross

Model : BT-180R



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
65*32 2½*1¼	76.1*42.4 3*1.66	2.07 300	76	76
65*40 2½*1½	76.1*48.3 3*1.9	2.07 300	76	76
65*50 2½*2	76.1*60.3 3*2.375	2.07 300	76	76
80*25 3*1	88.9*33.7 3.5*1.327	2.07 300	65	86
80*32 3*1¼	88.9*42.4 3.5*1.66	2.07 300	75	86
80*40 3*1½	88.9*48.3 3.5*1.9	2.07 300	75	86
80*50 3*2	88.9*60.3 3.5*2.375	2.07 300	75	86
100*25 4*1	108*33.7 4.252*1.327	2.07 300	70	102
100*32 4*1¼	108*42.4 4.252*1.66	2.07 300	70	102
100*40 4*1½	108*48.3 4.252*1.9	2.07 300	75	102
100*50 4*2	108*60.3 4.252*2.375	2.07 300	85	102
100*65 4*2½	108*76.1 4.252*3	2.07 300	80	95
100*80 4*3	108*88.9 4.252*3.5	2.07 300	85	95
100*25 4*1	114.3*33.7 4.5*1.327	2.07 300	70	102
100*32 4*1¼	114.3*42.4 4.5*1.66	2.07 300	70	102
100*40 4*1½	114.3*48.3 4.5*1.9	2.07 300	75	102
100*50 4*2	114.3*60.3 4.5*2.375	2.07 300	80	98
100*65 4*2½	114.3*73 4.5*2.875	2.07 300	85	102
100*65 4*2½	114.3*76.1 4.5*3	2.07 300	85	102
100*80 4*3	114.3*88.9 4.5*3.5	2.07 300	90	98
125*25 5*1	133*33.7 5.25*1.327	2.07 300	70	122
125*32 5*1¼	133*42.4 5.25*1.66	2.07 300	70	122
125*40 5*1½	133*48.3 5.25*1.9	2.07 300	75	122
125*50 5*2	133*60.3 5.25*2.375	2.07 300	85	122
125*65 5*2½	133*76.1 5.25*3	2.07 300	85	122
125*80 5*3	133*88.9 5.25*3.5	2.07 300	100	122
125*100 5*4	133*114.3 5.25*4.5	2.07 300	110	122

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
125*25 5*1	139.7*33.7 5.5*1.327	2.07 300	70	122
125*32 5*1¼	139.7*42.4 5.5*1.66	2.07 300	70	122
125*40 5*1½	139.7*48.3 5.5*1.9	2.07 300	75	122
125*50 5*2	139.7*60.3 5.5*2.375	2.07 300	85	122
125*65 5*2½	139.7*76.1 5.5*3	2.07 300	85	122
125*80 5*3	139.7*88.9 5.5*3.5	2.07 300	100	122
125*100 5*4	139.7*114.3 5.5*4.5	2.07 300	110	122
125*25 5*1	141.3*33.7 5.563*1.327	2.07 300	70	122
125*32 5*1¼	141.3*42.4 5.563*1.66	2.07 300	70	122
125*40 5*1½	141.3*48.3 5.563*1.9	2.07 300	75	122
125*50 5*2	141.3*60.3 5.563*2.375	2.07 300	85	122
125*65 5*2½	141.3*73 5.563*2.875	2.07 300	85	122
125*65 5*2½	141.3*76.1 5.563*3	2.07 300	85	122
125*80 5*3	141.3*88.9 5.563*3.5	2.07 300	100	122
125*100 5*4	141.3*114.3 5.563*4.5	2.07 300	110	122
150*25 6*1	159*33.7 6.25*1.327	2.07 300	70	140
150*32 6*1¼	159*42.4 6.25*1.66	2.07 300	70	140
150*40 6*1½	159*48.3 6.25*1.9	2.07 300	75	140
150*50 6*2	159*60.3 6.25*2.375	2.07 300	85	140
150*65 6*2½	159*76.1 6.25*3	2.07 300	85	135
150*80 6*3	159*88.9 6.25*3.5	2.07 300	100	140
150*100 6*4	159*108 6.25*4.252	2.07 300	102	120
150*100 6*4	159*114.3 6.25*4.5	2.07 300	102	120
150*125 6*5	159*139.7 6.25*5.5	2.07 300	125	140
150*25 6*1	165.1*33.7 6.5*1.327	2.07 300	70	140
150*32 6*1¼	165.1*42.4 6.5*1.66	2.07 300	70	140
150*40 6*1½	165.1*48.3 6.5*1.9	2.07 300	75	140

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

48/72

Ver. A, 15032026, © Blaze 2026

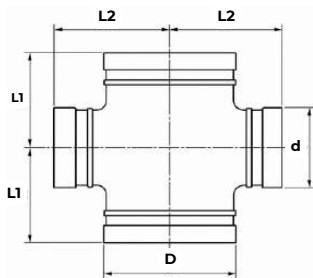


BLAZE



Grooved Reducing Cross

Model : BT-180R



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
150*50 6*2	165.1*60.3 6.5*2.375	2.07 300	85	140
150*65 6*2½	165.1*73 6.5*2.875	2.07 300	85	135
150*65 6*2½	165.1*76.1 6.5*3	2.07 300	85	135
150*80 6*3	165.1*88.9 6.5*3.5	2.07 300	100	120
150*100 6*4	165.1*108 6.5*4.252	2.07 300	107	120
150*100 6*4	165.1*114.3 6.5*4.5	2.07 300	107	120
150*125 6*5	165.1*139.7 6.5*5.5	2.07 300	115	120
150*125 6*5	165.1*141.3 6.5*5.563	2.07 300	115	120
150*25 6*1	168.3*33.7 6.625*1.327	2.07 300	70	140
150*32 6*1¼	168.3*42.4 6.625*1.66	2.07 300	70	140
150*40 6*1½	168.3*48.3 6.625*1.9	2.07 300	75	140
150*50 6*2	168.3*60.3 6.625*2.375	2.07 300	85	140
150*65 6*2½	168.3*73 6.625*2.875	2.07 300	85	135
150*65 6*2½	168.3*76.1 6.625*3	2.07 300	85	135
150*80 6*3	168.3*88.9 6.625*3.5	2.07 300	100	140
150*100 6*4	168.3*108 6.625*4.252	2.07 300	102	120
150*100 6*4	168.3*114.3 6.625*4.5	2.07 300	110	140
150*125 6*5	168.3*139.7 6.625*5.5	2.07 300	115	125
150*125 6*5	168.3*141.3 6.625*5.563	2.07 300	115	125
200*32 8*1½	219.1*42.4 8.625*1.66	2.07 300	75	155
200*40 8*1½	219.1*48.3 8.625*1.9	2.07 300	75	155
200*50 8*2	219.1*60.3 8.625*2.375	2.07 300	90	155
200*65 8*2½	219.1*73 8.625*2.875	2.07 300	90	155
200*65 8*2½	219.1*76.1 8.625*3	2.07 300	90	160
200*80 8*3	219.1*88.9 8.625*3.5	2.07 300	100	165
200*100 8*4	219.1*108 8.625*4.252	2.07 300	110	170

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
200*100 8*4	219.1*114.3 8.625*4.5	2.07 300	110	170
200*125 8*5	219.1*139.7 8.625*5.5	2.07 300	130	175
200*125 8*5	219.1*141.3 8.625*5.563	2.07 300	130	175
200*150 8*6	219.1*159 8.625*6.25	2.07 300	140	155
200*150 8*6	219.1*165.1 8.625*6.5	2.07 300	140	155
200*150 8*6	219.1*168.3 8.625*6.625	2.07 300	140	175
250*50 10*2	273*60.3 10.75*2.375	2.07 300	90	197
250*65 10*2½	273*73.0 10.75*2.875	2.07 300	90	197
250*65 10*2½	273*76.1 10.75*3	2.07 300	90	197
250*80 10*3	273*88.9 10.75*3.5	2.07 300	100	197
250*100 10*4	273*108 10.75*4.252	2.07 300	125	210
250*100 10*4	273*114.3 10.75*4.5	2.07 300	125	210
250*125 10*5	273*139.7 10.75*5.5	2.07 300	130	215
250*125 10*5	273*141.3 10.75*5.563	2.07 300	130	215
250*150 10*6	273*159 10.75*6.25	2.07 300	155	215
250*150 10*6	273*165.1 10.75*6.5	2.07 300	155	215
250*150 10*6	273*168.3 10.75*6.625	2.07 300	155	215
250*200 10*8	273*219.1 10.75*8.625	2.07 300	190	210
300*100 12*4	323.9*114.3 12.75*4.5	2.07 300	125	220
300*125 12*5	323.9*139.7 12.75*5.5	2.07 300	130	220
300*125 12*5	323.9*141.3 12.75*5.563	2.07 300	130	220
300*150 12*6	323.9*159 12.75*6.25	2.07 300	155	230
300*150 12*6	323.9*165.1 12.75*6.5	2.07 300	155	230
300*150 12*6	323.9*168.3 12.75*6.625	2.07 300	155	230
300*200 12*8	323.9*219.1 12.75*8.625	2.07 300	190	235
300*250 12*10	323.9*273 12.75*10.75	2.07 300	220	235

BLAZETECH SYSTEMS LTD.



contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

49/72

Ver. A, 15032026, © Blaze 2026

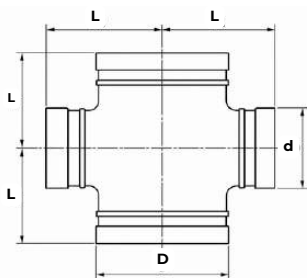


BLAZE



Grooved Reducing Cross - Long Radius

Model : BT-181R



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
32*25 1¼*1	42.4*33.7 1.66*1.327	2.07 300	70
40*25 1½*1	48.3*33.7 1.9*1.327	2.07 300	70
40*32 1½*1¼	48.3*42.4 1.9*1.66	2.07 300	70
50*25 2*1	60.3*33.7 2.375*1.327	2.07 300	70
50*32 2*1¼	60.3*42.4 2.375*1.66	2.07 300	70
60*40 2½*1½	60.3*48.3 2.375*1.9	2.07 300	70
65*25 2½*1	73*33.7 2.875*1.327	2.07 300	76
65*32 2½*1¼	73*42.4 2.875*1.66	2.07 300	76
65*40 2½*1½	73*48.3 2.875*1.9	2.07 300	76
65*50 2½*2	73*60.3 2.875*2.375	2.07 300	76
65*25 2½*1	76.1*33.7 3*1.327	2.07 300	76
65*32 2½*1¼	76.1*42.4 3*1.66	2.07 300	76
65*40 2½*1½	76.1*48.3 3*1.9	2.07 300	76
65*50 2½*2	76.1*60.3 3*2.375	2.07 300	76
80*25 3*1	88.9*33.7 3.5*1.327	2.07 300	86
80*32 3*1¼	88.9*42.4 3.5*1.66	2.07 300	86
80*40 3*1½	88.9*48.3 3.5*1.9	2.07 300	86
80*50 3*2	88.9*60.3 3.5*2.375	2.07 300	86
80*65 3*2½	88.9*73 3.5*2.875	2.07 300	86
80*65 3*2½	88.9*76.1 3.5*3	2.07 300	86
100*25 4*1	108*33.7 4.252*1.327	2.07 300	102
100*32 4*1¼	108*42.4 4.252*1.66	2.07 300	102
100*40 4*1½	108*48.3 4.252*1.9	2.07 300	102
100*50 4*2	108*60.3 4.252*2.375	2.07 300	102
100*65 4*2½	108*76.1 4.252*3	2.07 300	102

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
100*80 4*3	108*88.9 4.252*3.5	2.07 300	102
100*25 4*1	114.3*33.7 4.5*1.327	2.07 300	102
100*32 4*1¼	114.3*42.4 4.5*1.66	2.07 300	102
100*40 4*1½	114.3*48.3 4.5*1.9	2.07 300	102
100*50 4*2	114.3*60.3 4.5*2.375	2.07 300	102
100*65 4*2½	114.3*73 4.5*2.875	2.07 300	102
100*65 4*2½	114.3*76.1 4.5*3	2.07 300	102
100*80 4*3	114.3*88.9 4.5*3.5	2.07 300	102
125*25 5*1	133*33.7 5.25*1.327	2.07 300	122
125*32 5*1¼	133*42.4 5.25*1.66	2.07 300	122
125*40 5*1½	133*48.3 5.25*1.9	2.07 300	122
125*50 5*2	133*60.3 5.25*2.375	2.07 300	122
125*65 5*2½	133*76.1 5.25*3	2.07 300	122
125*80 5*3	133*88.9 5.25*3.5	2.07 300	122
125*100 5*4	133*114.3 5.25*4.5	2.07 300	122
125*25 5*1	139.7*33.7 5.5*1.327	2.07 300	122
125*32 5*1¼	139.7*42.4 5.5*1.66	2.07 300	122
125*40 5*1½	139.7*48.3 5.5*1.9	2.07 300	122
125*50 5*2	139.7*60.3 5.5*2.375	2.07 300	122
125*65 5*2½	139.7*73 5.5*2.875	2.07 300	122
125*65 5*2½	139.7*76.1 5.5*3	2.07 300	122
125*80 5*3	139.7*88.9 5.5*3.5	2.07 300	122
125*100 5*4	139.7*108 5.5*4.252	2.07 300	122
125*100 5*4	139.7*114.3 5.5*4.5	2.07 300	122
125*25 5*1	141.3*33.7 5.563*1.327	2.07 300	122

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

50/72

Ver. A, 15032026, © Blaze 2026

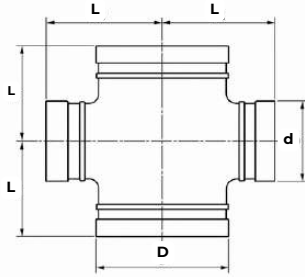


BLAZE



Grooved Reducing Cross - Long Radius

Model : BT-181R



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
125*32 5*1¼	141.3*42.4 5.563*1.66	2.07 300	122
125*40 5*1½	141.3*48.3 5.563*1.9	2.07 300	122
125*50 5*2	141.3*60.3 5.563*2.375	2.07 300	122
125*65 5*2½	141.3*73 5.563*2.875	2.07 300	122
125*65 5*2½	141.3*76.1 5.563*3	2.07 300	122
125*80 5*3	141.3*88.9 5.563*3.5	2.07 300	122
125*100 5*4	141.3*114.3 5.563*4.5	2.07 300	122
150*25 6*1	159*33.7 6.25*1.327	2.07 300	140
150*32 6*1¼	159*42.4 6.25*1.66	2.07 300	140
150*40 6*1½	159*48.3 6.25*1.9	2.07 300	140
150*50 6*2	159*60.3 6.25*2.375	2.07 300	140
150*65 6*2½	159*76.1 6.25*3	2.07 300	140
150*80 6*3	159*88.9 6.25*3.5	2.07 300	140
150*100 6*4	159*108 6.25*4.252	2.07 300	140
150*100 6*4	159*114.3 6.25*4.5	2.07 300	140
150*125 6*5	159*139.7 6.25*5.5	2.07 300	140
150*25 6*1	165.1*33.7 6.5*1.327	2.07 300	140
150*32 6*1¼	165.1*42.4 6.5*1.66	2.07 300	140
150*40 6*1½	165.1*48.3 6.5*1.9	2.07 300	140
150*50 6*2	165.1*60.3 6.5*2.375	2.07 300	140
150*65 6*2½	165.1*73 6.5*2.875	2.07 300	140
150*65 6*2½	165.1*76.1 6.5*3	2.07 300	140
150*80 6*3	165.1*88.9 6.5*3.5	2.07 300	140
150*100 6*4	165.1*108 6.5*4.252	2.07 300	140

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
150*100 6*4	108*88.9 4.252*3.5	2.07 300	140
150*125 6*5	114.3*33.7 4.5*1.327	2.07 300	140
150*125 6*5	114.3*42.4 4.5*1.66	2.07 300	140
150*25 6*1	114.3*48.3 4.5*1.9	2.07 300	140
150*32 6*1¼	114.3*60.3 4.5*2.375	2.07 300	140
150*40 6*1½	114.3*73 4.5*2.875	2.07 300	140
150*50 6*2	114.3*76.1 4.5*3	2.07 300	140
150*65 6*2½	114.3*88.9 4.5*3.5	2.07 300	140
150*65 6*2½	133*33.7 5.25*1.327	2.07 300	140
150*80 6*3	133*42.4 5.25*1.66	2.07 300	140
150*100 6*4	133*48.3 5.25*1.9	2.07 300	140
150*125 6*5	133*60.3 5.25*2.375	2.07 300	140
150*125 6*5	133*76.1 5.25*3	2.07 300	140
200*50 8*2	133*88.9 5.25*3.5	2.07 300	175
200*65 8*2½	133*114.3 5.25*4.5	2.07 300	175
200*65 8*2½	139.7*33.7 5.5*1.327	2.07 300	175
200*80 8*3	139.7*42.4 5.5*1.66	2.07 300	175
200*100 8*4	139.7*48.3 5.5*1.9	2.07 300	175
200*100 8*4	139.7*60.3 5.5*2.375	2.07 300	175
200*125 8*5	139.7*73 5.5*2.875	2.07 300	175
200*125 8*5	139.7*76.1 5.5*3	2.07 300	175
200*150 8*6	139.7*88.9 5.5*3.5	2.07 300	175
200*150 8*6	139.7*108 5.5*4.252	2.07 300	175
200*150 8*6	139.7*114.3 5.5*4.5	2.07 300	175

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

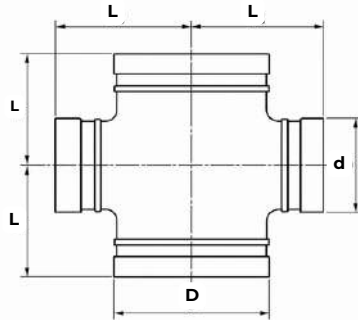
PRECISION YOU CAN TRUST

51/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Grooved Reducing Cross - Long Radius

Model : BT-181R

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
250*100 10*4	273*108 10.75*4.252	2.07 300	229
250*100 10*4	273*114.3 10.75*4.5	2.07 300	229
250*125 10*5	273*139.7 10.75*5.5	2.07 300	229
250*125 10*5	273*141.3 10.75*5.563	2.07 300	229
250*150 10*6	273*159 10.75*6.25	2.07 300	229
250*150 10*6	273*165.1 10.75*6.5	2.07 300	229
250*150 10*6	273*168.3 10.75*6.625	2.07 300	229
250*200 10*8	273*219.1 10.75*8.625	2.07 300	229
300*100 12*4	323.9*114.3 12.75*4.5	2.07 300	254
300*125 12*5	323.9*139.7 12.75*5.5	2.07 300	254
300*125 12*5	323.9*141.3 12.75*5.563	2.07 300	254
300*150 12*6	323.9*159 12.75*6.25	2.07 300	254
300*150 12*6	323.9*165.1 12.75*6.5	2.07 300	254
300*150 12*6	323.9*168.3 12.75*6.625	2.07 300	254
300*200 12*8	323.9*219.1 12.75*8.625	2.07 300	254
300*250 12*10	323.9*273 12.75*10.75	2.07 300	254

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**52/72**

Ver. A, 15032026, © Blaze 2026



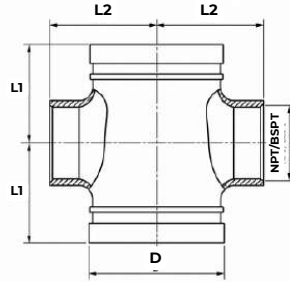
BLAZE



Threaded Reducing Cross

Model : BT-180RT

NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
50*40 2*1½	60.3*48.3 2.375*1.66	2.07 300	70	70
65*40 2½*1½	73*48.3 2.875*1.66	2.07 300	76	76
80*25 3*1	88.9*33.7 3.5*1.327	2.07 300	65	86
80*32 3*1¼	88.9*42.4 3.5*1.66	2.07 300	70	86
80*40 3*1½	88.9*48.3 3.5*1.9	2.07 300	70	80
80*50 3*2	88.9*60.3 3.5*2.375	2.07 300	75	80
100*25 4*1	108*33.7 4.252*1.327	2.07 300	70	102
100*32 4*1¼	108*42.4 4.252*1.66	2.07 300	70	102
100*40 4*1½	108*48.3 4.252*1.9	2.07 300	75	102
100*50 4*2	108*60.3 4.252*2.375	2.07 300	85	102
100*65 4*2½	108*76.1 4.252*3	2.07 300	80	95
100*80 4*3	108*88.9 4.252*3.5	2.07 300	85	95
100*25 4*1	114.3*33.7 4.5*1.327	2.07 300	70	102
100*32 4*1¼	114.3*42.4 4.5*1.66	2.07 300	70	102
100*40 4*1½	114.3*48.3 4.5*1.9	2.07 300	75	102
100*50 4*2	114.3*60.3 4.5*2.375	2.07 300	85	102
100*65 4*2½	114.3*73 4.5*2.875	2.07 300	85	102
100*65 4*2½	114.3*76.1 4.5*3	2.07 300	85	90
100*80 4*3	114.3*88.9 4.5*3.5	2.07 300	90	95
125*25 5*1	133*33.7 5.25*1.327	2.07 300	70	122
125*32 5*1¼	133*42.4 5.25*1.66	2.07 300	70	122
125*40 5*1½	133*48.3 5.25*1.9	2.07 300	75	122
125*50 5*2	133*60.3 5.25*2.375	2.07 300	85	122
125*65 5*2½	133*76.1 5.25*3	2.07 300	85	122
125*80 5*3	133*88.9 5.25*3.5	2.07 300	100	122
125*100 5*4	133*114.3 5.25*4.5	2.07 300	110	122
125*25 5*1	139.7*33.7 5.5*1.327	2.07 300	70	122
125*32 5*1¼	139.7*42.4 5.5*1.66	2.07 300	70	122
125*40 5*1½	139.7*48.3 5.5*1.9	2.07 300	75	122
125*50 5*2	139.7*60.3 5.5*2.375	2.07 300	85	122

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
125*65 5*2½	139.7*73 5.5*2.875	2.07 300	85	122
125*65 5*2½	139.7*76.1 5.5*3	2.07 300	85	122
125*80 5*3	139.7*88.9 5.5*3.5	2.07 300	100	122
125*100 5*4	139.7*114.3 5.5*4.5	2.07 300	110	122
125*25 5*1	141.3*33.7 5.563*1.327	2.07 300	70	122
125*32 5*1¼	141.3*42.4 5.563*1.66	2.07 300	70	122
125*40 5*1½	141.3*48.3 5.563*1.9	2.07 300	75	122
125*50 5*2	141.3*60.3 5.563*2.375	2.07 300	85	122
125*65 5*2½	141.3*73 5.563*2.875	2.07 300	85	122
125*65 5*2½	141.3*76.1 5.563*3	2.07 300	85	122
125*80 5*3	141.3*88.9 5.563*3.5	2.07 300	100	122
125*100 5*4	141.3*114.3 5.563*4.5	2.07 300	110	122
150*25 6*1	159*33.7 6.25*1.327	2.07 300	70	140
150*32 6*1¼	159*42.4 6.25*1.66	2.07 300	70	140
150*40 6*1½	159*48.3 6.25*1.9	2.07 300	75	140
150*50 6*2	159*60.3 6.25*2.375	2.07 300	85	140
150*65 6*2½	159*76.1 6.25*3	2.07 300	85	135
150*80 6*3	159*88.9 6.25*3.5	2.07 300	100	140
150*100 6*4	159*114.3 6.25*4.5	2.07 300	102	120
150*25 6*1	165.1*33.7 6.5*1.327	2.07 300	70	140
150*32 6*1¼	165.1*42.4 6.5*1.66	2.07 300	70	140
150*40 6*1½	165.1*48.3 6.5*1.9	2.07 300	75	140
150*50 6*2	165.1*60.3 6.5*2.375	2.07 300	80	122
150*65 6*2½	165.1*73 6.5*2.875	2.07 300	85	122
150*65 6*2½	165.1*76.1 6.5*3	2.07 300	85	122
150*80 6*3	165.1*88.9 6.5*3.5	2.07 300	100	122
150*100 6*4	165.1*114.3 6.5*4.5	2.07 300	102	120
150*25 6*1	168.3*33.7 6.625*1.327	2.07 300	70	140
150*32 6*1¼	168.3*42.4 6.625*1.66	2.07 300	70	140
150*40 6*1½	168.3*48.3 6.625*1.9	2.07 300	75	140

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

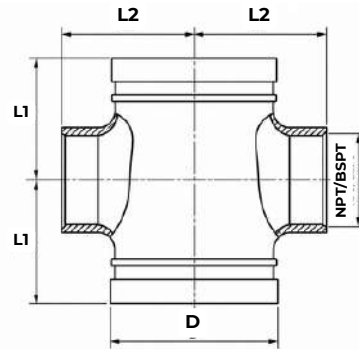
PRECISION YOU CAN TRUST

53/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Threaded Reducing Cross

Model : BT-180RT

NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			L1	L2
150*50 6*2	168.3*60.3 6.625*2.375	2.07 300	85	140
150*65 6*2½	168.3*73 6.625*2.875	2.07 300	85	140
150*65 6*2½	168.3*76.1 6.625*3	2.07 300	85	135
150*80 6*3	168.3*88.9 6.625*3.5	2.07 300	100	140
150*100 6*4	168.3*114.3 6.625*4.5	2.07 300	102	120
200*32 8*1¼	219.1*42.4 8.625*1.66	2.07 300	75	155
200*40 8*1½	219.1*48.3 8.625*1.9	2.07 300	75	155
200*50 8*2	219.1*60.3 8.625*2.375	2.07 300	90	155
200*65 8*2½	219.1*73 8.625*2.875	2.07 300	90	155
200*65 8*2½	219.1*76.1 8.625*3	2.07 300	90	160
200*80 8*3	219.1*88.9 8.625*3.5	2.07 300	100	165
200*100 8*4	219.1*114.3 8.625*4.5	2.07 300	110	170
250*50 10*2	273*60.3 10.75*2.375	2.07 300	90	197
250*65 10*2½	273*73.0 10.75*2.875	2.07 300	90	197
250*65 10*2½	273*76.1 10.75*3	2.07 300	90	197
250*80 10*3	273*88.9 10.75*3.5	2.07 300	100	197
250*100 10*4	273*114.3 10.75*4.5	2.07 300	125	210
300*100 12*4	323.9*114.3 12.75*4.5	2.07 300	125	220

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

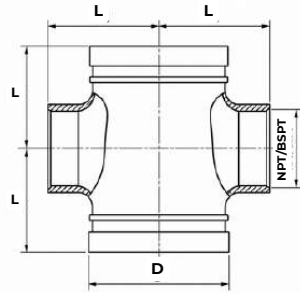
Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**54/72**

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Threaded Reducing Cross - Long Radius

Model : BT-181RT

NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
32*25 1¼*1	42.4*33.7 1.66*1.327	2.07 300	70
40*25 1½*1	48.3*33.7 1.9*1.327	2.07 300	70
40*32 1½*1¼	48.3*42.4 1.9*1.66	2.07 300	70
50*25 2*1	60.3*33.7 2.375*1.327	2.07 300	70
50*32 2*1¼	60.3*42.4 2.375*1.66	2.07 300	70
60*40 2½*1½	60.3*48.3 2.375*1.9	2.07 300	70
65*25 2½*1	73*33.7 2.875*1.327	2.07 300	76
65*32 2½*1¼	73*42.4 2.875*1.66	2.07 300	76
65*40 2½*1½	73*48.3 2.875*1.9	2.07 300	76
65*50 2½*2	73*60.3 2.875*2.375	2.07 300	76
65*25 2½*1	76.1*33.7 3*1.327	2.07 300	76
65*32 2½*1¼	76.1*42.4 3*1.66	2.07 300	76
65*40 2½*1½	76.1*48.3 3*1.9	2.07 300	76
65*50 2½*2	76.1*60.3 3*2.375	2.07 300	76
80*25 3*1	88.9*33.7 3.5*1.327	2.07 300	86
80*32 3*1¼	88.9*42.4 3.5*1.66	2.07 300	86
80*40 3*1½	88.9*48.3 3.5*1.9	2.07 300	86
80*50 3*2	88.9*60.3 3.5*2.375	2.07 300	86
80*65 3*2½	88.9*73 3.5*2.875	2.07 300	86
80*65 3*2½	88.9*76.1 3*3	2.07 300	86
100*25 4*1	108*33.7 4.252*1.327	2.07 300	102
100*32 4*1¼	108*42.4 4.252*1.66	2.07 300	102

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
100*40 4*1½	108*48.3 4.252*1.9	2.07 300	102
100*50 4*2	108*60.3 4.252*2.375	2.07 300	102
100*65 4*2½	108*76.1 4.252*3	2.07 300	102
100*80 4*3	108*88.9 4.252*3.5	2.07 300	102
100*25 4*1	114.3*33.7 4.5*1.327	2.07 300	102
100*32 4*1¼	114.3*42.4 4.5*1.66	2.07 300	102
100*40 4*1½	114.3*48.3 4.5*1.9	2.07 300	102
100*50 4*2	114.3*60.3 4.5*2.375	2.07 300	102
100*65 4*2½	114.3*73 4.5*2.875	2.07 300	102
100*65 4*2½	114.3*76.1 4.5*3	2.07 300	102
100*80 4*3	114.3*88.9 4.5*3.5	2.07 300	102
125*32 5*1¼	133*42.4 5.25*1.66	2.07 300	122
125*40 5*1½	133*48.3 5.25*1.9	2.07 300	122
125*50 5*2	133*60.3 5.25*2.375	2.07 300	122
125*65 5*2½	133*73 5.25*2.875	2.07 300	122
125*65 5*2½	133*76.1 5.25*3	2.07 300	122
125*80 5*3	133*88.9 5.25*3.5	2.07 300	122
125*100 5*4	133*114.3 5.25*4.5	2.07 300	122
125*25 5*1	139.7*33.7 5.5*1.327	2.07 300	122
125*32 5*1¼	139.7*42.4 5.5*1.66	2.07 300	122
125*40 5*1½	139.7*48.3 5.5*1.9	2.07 300	122
125*50 5*2	139.7*60.3 5.5*2.375	2.07 300	122

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

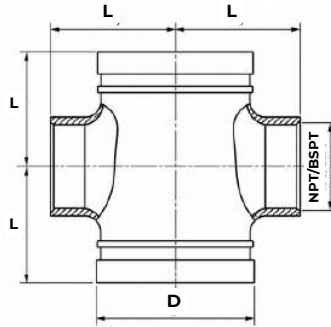
Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**55/72**

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Threaded Reducing Cross - Long Radius

Model : BT-181RT

NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
125*65 5*2½	139.7*73 5.5*2.875	2.07 300	122
125*65 5*2½	139.7*76.1 5.5*3	2.07 300	122
125*80 5*3	139.7*88.9 5.5*3.5	2.07 300	122
125*100 5*4	139.7*114.3 5.5*4.5	2.07 300	122
125*25 5*1	141.3*33.7 5.563*1.327	2.07 300	122
125*32 5*1¼	141.3*42.4 5.563*1.66	2.07 300	122
125*40 5*1½	141.3*48.3 5.563*1.9	2.07 300	122
125*50 5*2	141.3*60.3 5.563*2.375	2.07 300	122
125*65 5*2½	141.3*73 5.563*2.875	2.07 300	122
125*65 5*2½	141.3*76.1 5.563*3	2.07 300	122
125*80 5*3	141.3*88.9 5.563*3.5	2.07 300	122
125*100 5*4	141.3*114.3 5.563*4.5	2.07 300	122
150*25 6*1	159*33.7 6.25*1.327	2.07 300	140
150*32 6*1¼	159*42.4 6.25*1.66	2.07 300	140
150*40 6*1½	159*48.3 6.25*1.9	2.07 300	140
150*50 6*2	159*60.3 6.25*2.375	2.07 300	140
150*65 6*2½	159*76.1 6.25*3	2.07 300	140
150*80 6*3	159*88.9 6.25*3.5	2.07 300	140
150*100 6*4	159*114.3 6.25*4.5	2.07 300	140
150*25 6*1	165.1*33.7 6.5*1.327	2.07 300	140
150*32 6*1¼	165.1*42.4 6.5*1.66	2.07 300	140

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
150*40 6*1½	165.1*48.3 6.5*1.9	2.07 300	140
150*50 6*2	165.1*60.3 6.5*2.375	2.07 300	140
150*65 6*2½	165.1*73 6.5*2.875	2.07 300	140
150*65 6*2½	165.1*76.1 6.5*3	2.07 300	140
150*80 6*3	165.1*88.9 6.5*3.5	2.07 300	140
150*100 6*4	165.1*114.3 6.5*4.5	2.07 300	140
150*25 6*1	168.3*33.7 6.625*1.327	2.07 300	140
150*32 6*1¼	168.3*42.4 6.625*1.66	2.07 300	140
150*40 6*1½	168.3*48.3 6.625*1.9	2.07 300	140
150*50 6*2	168.3*60.3 6.625*2.375	2.07 300	140
150*65 6*2½	168.3*73 6.625*2.875	2.07 300	140
150*65 6*2½	168.3*76.1 6.625*3	2.07 300	140
150*80 6*3	168.3*88.9 6.625*3.5	2.07 300	140
150*100 6*4	168.3*114.3 6.625*4.5	2.07 300	140
200*50 8*2	219.1*60.3 8.625*2.375	2.07 300	175
200*65 8*2½	219.1*73 8.625*2.875	2.07 300	175
200*65 8*2½	219.1*76.1 8.625*3	2.07 300	175
200*80 8*3	219.1*88.9 8.625*3.5	2.07 300	175
200*100 8*4	219.1*114.3 8.625*4.5	2.07 300	175
250*100 10*4	273*114.3 10.75*4.5	2.07 300	229
300*100 12*4	323.9*114.3 12.75*4.5	2.07 300	254

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**56/72**

Ver. A, 15032026, © Blaze 2026

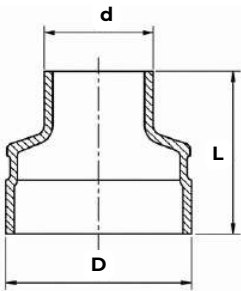


BLAZE



Grooved Concentric Reducer

Model : BT-240G



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			BT-240G	BT-240GL
32*25 1 1/4" * 1"	42.4*33.7 1.66*1.327	2.07 300	60	60
40*25 1 1/2" * 1"	48.3*33.7 1.9*1.327	2.07 300	64	64
40*32 1 1/2" * 1 1/4"	48.3*42.4 1.9*1.66	2.07 300	64	64
50*25 2" * 1"	60.3*33.7 2.375*1.327	2.07 300	58	60
50*32 2" * 1 1/4"	60.3*42.4 2.375*1.66	2.07 300	58	60
50*40 2" * 1 1/2"	60.3*48.3 2.375*1.9	2.07 300	58	58
65*25 2 1/2" * 1"	73.0*33.7 2.875*1.327	2.07 300	60	64
65*32 2 1/2" * 1 1/4"	73.0*42.4 2.875*1.66	2.07 300	60	64
65*40 2 1/2" * 1 1/2"	73.0*48.3 2.875*1.9	2.07 300	60	64
65*50 2 1/2" * 2"	73.0*60.3 2.875*2.375	2.07 300	56	56
65*25 2 1/2" * 1"	76.1*33.7 3*1.327	2.07 300	60	64
65*32 2 1/2" * 1 1/4"	76.1*42.4 3*1.66	2.07 300	60	64
65*40 2 1/2" * 1 1/2"	76.1*48.3 3*1.9	2.07 300	60	64
65*50 2 1/2" * 2"	76.1*60.3 3*2.375	2.07 300	58	64
80*25 3" * 1"	88.9*33.7 3.5*1.327	2.07 300	60	64
80*32 3" * 1 1/4"	88.9*42.4 3.5*1.66	2.07 300	60	64
80*40 3" * 1 1/2"	88.9*48.3 3.5*1.9	2.07 300	60	64
80*50 3" * 2"	88.9*60.3 3.5*2.375	2.07 300	60	64
80*65 3" * 2 1/2"	88.9*73.0 3.5*2.875	2.07 300	60	64
80*65 3" * 2 1/2"	88.9*76.1 3.5*3	2.07 300	60	64
100*25 4" * 1"	108.0*33.7 4.252*1.327	2.07 300	65	-
100*32 4" * 1 1/4"	108.0*42.4 4.252*1.66	2.07 300	65	-
100*40 4" * 1 1/2"	108.0*48.3 4.252*1.9	2.07 300	65	-
100*50 4" * 2"	108.0*60.3 4.252*2.375	2.07 300	65	-
100*65 4" * 2 1/2"	108.0*76.1 4.252*3	2.07 300	65	-
100*80 4" * 3"	108.0*88.9 4.252*3.5	2.07 300	65	-
100*25 4" * 1"	114.3*33.7 4.5*1.327	2.07 300	65	76
100*32 4" * 1 1/4"	114.3*42.4 4.5*1.66	2.07 300	65	76
100*40 4" * 1 1/2"	114.3*48.3 4.5*1.9	2.07 300	65	76
100*50 4" * 2"	114.3*60.3 4.5*2.375	2.07 300	65	76
100*65 4" * 2 1/2"	114.3*73.0 4.5*2.875	2.07 300	65	76
100*65 4" * 2 1/2"	114.3*76.1 4.5*3	2.07 300	65	76

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			BT-240G	BT-240GL
100*80 4" * 3"	114.3*88.9 4.5*3.5	2.07 300	65	76
125*25 5" * 1"	133.0*33.7 5.25*1.327	2.07 300	70	-
125*32 5" * 1 1/4"	133.0*42.4 5.25*1.66	2.07 300	70	-
125*40 5" * 1 1/2"	133.0*48.3 5.25*1.9	2.07 300	70	-
125*50 5" * 2"	133.0*60.3 5.25*2.375	2.07 300	70	-
125*65 5" * 2 1/2"	133.0*76.1 5.25*3	2.07 300	70	-
125*80 5" * 3"	133.0*88.9 5.25*3.5	2.07 300	70	-
125*100 5" * 4"	133.0*114.3 5.25*4.5	2.07 300	70	-
125*25 5" * 1"	139.7*33.7 5.5*1.327	2.07 300	65	70
125*32 5" * 1 1/4"	139.7*42.4 5.5*1.66	2.07 300	65	70
125*40 5" * 1 1/2"	139.7*48.3 5.5*1.9	2.07 300	65	70
125*50 5" * 2"	139.7*60.3 5.5*2.375	2.07 300	65	70
125*65 5" * 2 1/2"	139.7*73.0 5.5*2.875	2.07 300	65	70
125*65 5" * 2 1/2"	139.7*76.1 5.5*3	2.07 300	65	70
125*80 5" * 3"	139.7*88.9 5.5*3.5	2.07 300	65	70
125*100 5" * 4"	139.7*114.3 5.5*4.5	2.07 300	70	89
125*25 5" * 1"	141.3*33.7 5.563*1.327	2.07 300	65	70
125*32 5" * 1 1/4"	141.3*42.4 5.563*1.66	2.07 300	65	70
125*40 5" * 1 1/2"	141.3*48.3 5.563*1.9	2.07 300	65	70
125*50 5" * 2"	141.3*60.3 5.563*2.375	2.07 300	65	70
125*65 5" * 2 1/2"	141.3*73.0 5.563*2.875	2.07 300	65	70
125*65 5" * 2 1/2"	141.3*76.1 5.563*3	2.07 300	65	70
125*80 5" * 3"	141.3*88.9 5.563*3.5	2.07 300	65	70
125*100 5" * 4"	141.3*114.3 5.563*4.5	2.07 300	70	89
150*25 6" * 1"	159.0*33.7 6.25*1.327	2.07 300	75	102
150*32 6" * 1 1/4"	159.0*42.4 6.25*1.66	2.07 300	75	102
150*40 6" * 1 1/2"	159.0*48.3 6.25*1.9	2.07 300	75	102
150*50 6" * 2"	159.0*60.3 6.25*2.375	2.07 300	75	102
150*65 6" * 2 1/2"	159.0*76.1 6.25*3	2.07 300	75	102
150*80 6" * 3"	159.0*88.9 6.25*3.5	2.07 300	75	102
150*100 6" * 4"	159.0*108.0 6.25*4.252	2.07 300	75	102
150*100 6" * 4"	159.0*114.3 6.25*4.5	2.07 300	75	102

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

57/72

Ver. A, 15032026, © Blaze 2026

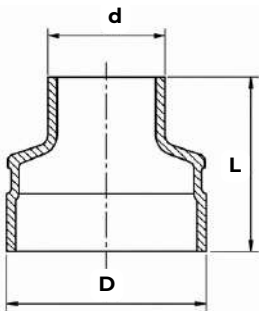


BLAZE



Grooved Concentric Reducer

Model : BT-240C



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			BT-240G	BT-240GL
150*125 6"*5"	159.0*139.7 6.25*5.5	2.07 300	75	102
150*25 6"*1"	165.1*33.7 6.5*1.327	2.07 300	75	102
150*32 6"*1 1/4"	165.1*42.4 6.5*1.66	2.07 300	75	102
150*40 6"*1 1/2"	165.1*48.3 6.5*1.9	2.07 300	75	102
150*50 6"*2"	165.1*60.3 6.5*2.375	2.07 300	75	102
150*65 6"*2 1/2"	165.1*73.0 6.5*2.875	2.07 300	75	102
150*65 6"*2 1/2"	165.1*76.1 6.5*3	2.07 300	75	102
150*80 6"*3"	165.1*88.9 6.5*3.5	2.07 300	75	102
150*100 6"*4"	165.1*108.0 6.5*4.252	2.07 300	75	102
150*100 6"*4"	165.1*114.3 6.5*4.5	2.07 300	60	75
150*125 6"*5"	165.1*139.7 6.5*5.5	2.07 300	65	102
150*125 6"*5"	165.1*141.3 6.5*5.563	2.07 300	65	
150*25 6"*1"	168.3*33.7 6.625*1.327	2.07 300	75	102
150*32 6"*1 1/4"	168.3*42.4 6.625*1.66	2.07 300	75	102
150*40 6"*1 1/2"	168.3*48.3 6.625*1.9	2.07 300	75	102
150*50 6"*2"	168.3*60.3 6.625*2.375	2.07 300	75	102
150*65 6"*2 1/2"	168.3*73.0 6.625*2.875	2.07 300	75	102
150*65 6"*2 1/2"	168.3*76.1 6.625*3	2.07 300	75	102
150*80 6"*3"	168.3*88.9 6.625*3.5	2.07 300	75	102
150*100 6"*4"	168.3*114.3 6.625*4.5	2.07 300	75	102
150*125 6"*5"	168.3*139.7 6.625*5.5	2.07 300	65	102
150*125 6"*5"	168.3*141.3 6.625*5.563	2.07 300	65	-
200*100 8"*4"	216.3*114.3 8.516*4.5	2.07 300	85	127
200*125 8"*5"	216.3*139.7 8.516*5.5	2.07 300	85	127
200*150 8"*6"	216.3*165.1 8.516*6.5	2.07 300	80	127
200*50 8"*2"	219.1*60.3 8.625*2.375	2.07 300	85	127
200*65 8"*2 1/2"	219.1*73.0 8.625*2.875	2.07 300	85	127
200*65 8"*2 1/2"	219.1*76.1 8.625*3	2.07 300	85	127
200*80 8"*3"	219.1*88.9 8.625*3.5	2.07 300	85	127
200*100 8"*4"	219.1*108.0 8.625*4.252	2.07 300	85	127
200*100 8"*4"	219.1*114.3 8.625*4.5	2.07 300	85	127

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			BT-240G	BT-240GL
200*125 8"*5"	219.1*139.7 8.625*5.5	2.07 300	85	127
200*125 8"*5"	219.1*141.3 8.625*5.563	2.07 300	85	127
200*150 8"*6"	219.1*159.0 8.625*6.25	2.07 300	80	127
200*150 8"*6"	219.1*165.1 8.625*6.5	2.07 300	85	127
200*150 8"*6"	219.1*168.3 8.625*6.625	2.07 300	85	127
250*100 10"*4"	267.4*114.3 10.528*4.5	2.07 300	85	127
250*125 10"*5"	267.4*139.7 10.528*5.5	2.07 300	85	127
250*150 10"*6"	267.4*165.1 10.528*6.5	2.07 300	85	127
250*200 10"*8"	267.4*216.3 10.528*8.516	2.07 300	85	127
250*100 10"*4"	273.0*108.0 10.75*4.252	2.07 300	90	152
250*100 10"*4"	273.0*114.3 10.75*4.5	2.07 300	90	152
250*125 10"*5"	273.0*139.7 10.75*5.5	2.07 300	90	152
250*125 10"*5"	273.0*141.3 10.75*5.563	2.07 300	90	152
250*150 10"*6"	273.0*159.0 10.75*6.25	2.07 300	90	152
250*150 10"*6"	273.0*165.1 10.75*6.5	2.07 300	90	152
250*150 10"*6"	273.0*168.3 10.75*6.625	2.07 300	90	152
250*200 10"*8"	273.0*219.1 10.75*8.625	2.07 300	85	152
300*100 12"*4"	318.5*114.3 12.539*4.5	2.07 300	90	178
300*125 12"*5"	318.5*139.7 12.539*5.5	2.07 300	90	178
300*150 12"*6"	318.5*165.1 12.539*6.5	2.07 300	90	178
300*200 12"*8"	318.5*219.1 12.539*8.625	2.07 300	90	178
300*250 12"*10"	318.5*267.4 12.539*10.528	2.07 300	90	178
300*100 12"*4"	323.9*114.3 12.75*4.5	2.07 300	90	178
300*125 12"*5"	323.9*139.7 12.75*5.5	2.07 300	90	178
300*125 12"*5"	323.9*141.3 12.75*5.563	2.07 300	90	178
300*150 12"*6"	323.9*159.0 12.75*6.25	2.07 300	90	178
300*150 12"*6"	323.9*165.1 12.75*6.5	2.07 300	90	178
300*150 12"*6"	323.9*168.3 12.75*6.625	2.07 300	90	178
300*200 12"*8"	323.9*219.1 12.75*8.625	2.07 300	90	178
300*250 12"*10"	323.9*273.0 12.75*10.75	2.07 300	90	178

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

58/72

Ver. A, 15032026, © Blaze 2026

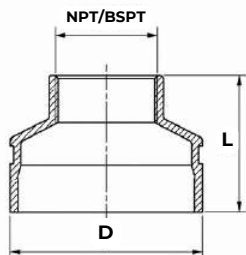


BLAZE



Threaded Concentric Reducer

Model : BT-240T



NPT threads conforming to
ANSI/ASME B1.20.1
and BSPT threads conforming
to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			BT-240T	BT-240TL
32*25 1¼"1"	42.4*33.7 1.66*1.327	2.07 300	60	60
40*25 1½"1"	48.3*33.7 1.9*1.327	2.07 300	64	64
40*32 1½"1¼"	48.3*42.4 1.9*1.66	2.07 300	64	64
50*15 2"½"	60.3*21.3 2.375*0.825	2.07 300	55	55
50*20 2"¾"	60.3*26.9 2.375*1.05	2.07 300	55	55
50*25 2"1"	60.3*33.7 2.375*1.327	2.07 300	55	64
50*32 2"1¼"	60.3*42.4 2.375*1.66	2.07 300	55	64
50*40 2"1½"	60.3*48.3 2.375*1.9	2.07 300	55	64
65*15 2½"½"	73.0*21.3 2.875*0.825	2.07 300	55	64
65*20 2½"¾"	73.0*26.9 2.875*1.05	2.07 300	55	64
65*25 2½"1"	73.0*33.7 2.875*1.327	2.07 300	55	64
65*32 2½"1¼"	73.0*42.4 2.875*1.66	2.07 300	55	64
65*40 2½"1½"	73.0*48.3 2.875*1.9	2.07 300	55	64
65*50 2½"2"	73.0*60.3 2.875*2.375	2.07 300	55	64
65*15 2½"¾"	76.1*21.3 3*0.825	2.07 300	58	64
65*20 2½"¾"	76.1*26.9 3*1.05	2.07 300	58	64
65*25 2½"1"	76.1*33.7 3*1.327	2.07 300	60	64
65*32 2½"1¼"	76.1*42.4 3*1.66	2.07 300	60	64
65*40 2½"1½"	76.1*48.3 3*1.9	2.07 300	60	64
65*50 2½"2"	76.1*60.3 3*2.375	2.07 300	58	64
80*15 3"¾"	88.9*21.3 3.5*0.825	2.07 300	64	64
80*20 3"¾"	88.9*26.9 3.5*1.05	2.07 300	64	64
80*25 3"1"	88.9*33.7 3.5*1.327	2.07 300	55	64
80*32 3"1¼"	88.9*42.4 3.5*1.66	2.07 300	55	64
80*40 3"1½"	88.9*48.3 3.5*1.9	2.07 300	55	64
80*50 3"2"	88.9*60.3 3.5*2.375	2.07 300	55	64
80*65 3"2½"	88.9*73.0 3.5*2.875	2.07 300	55	64
80*65 3"2½"	88.9*76.1 3.5*3	2.07 300	55	64
100*25 4"1"	108.0*33.7 4.252*1.327	2.07 300	65	-
100*32 4"1¼"	108.0*42.4 4.252*1.66	2.07 300	65	-
100*40 4"1½"	108.0*48.3 4.252*1.9	2.07 300	65	-
100*50 4"2"	108.0*60.3 4.252*2.375	2.07 300	65	-

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			BT-240T	BT-240TL
100*65 4"2½"	108.0*76.1 4.252*3	2.07 300	65	-
100*80 4"¾"	108.0*88.9 4.252*3.5	2.07 300	65	-
100*15 4"½"	114.3*21.3 4.5*0.825	2.07 300	65	76
100*20 4"¾"	114.3*26.9 4.5*1.05	2.07 300	65	76
100*25 4"1"	114.3*33.7 4.5*1.327	2.07 300	65	76
100*32 4"1¼"	114.3*42.4 4.5*1.66	2.07 300	65	76
100*40 4"1½"	114.3*48.3 4.5*1.9	2.07 300	65	76
100*50 4"2"	114.3*60.3 4.5*2.375	2.07 300	65	76
100*65 4"2½"	114.3*73.0 4.5*2.875	2.07 300	65	76
100*65 4"2½"	114.3*76.1 4.5*3	2.07 300	65	76
100*80 4"¾"	114.3*88.9 4.5*3.5	2.07 300	65	76
125*25 5"1"	133.0*33.7 5.25*1.327	2.07 300	70	-
125*32 5"1¼"	133.0*42.4 5.25*1.66	2.07 300	70	-
125*40 5"1½"	133.0*48.3 5.25*1.9	2.07 300	70	-
125*50 5"2"	133.0*60.3 5.25*2.375	2.07 300	70	-
125*65 5"2½"	133.0*73.0 5.25*2.875	2.07 300	70	-
125*65 5"2½"	133.0*76.1 5.25*3	2.07 300	70	-
125*80 5"¾"	133.0*88.9 5.25*3.5	2.07 300	70	-
125*100 5"4"	133.0*114.3 5.25*4.5	2.07 300	70	-
125*15 5"½"	139.7*21.3 5.5*0.825	2.07 300	65	89
125*20 5"¾"	139.7*26.9 5.5*1.05	2.07 300	65	89
125*25 5"1"	139.7*33.7 5.5*1.327	2.07 300	65	89
125*32 5"1¼"	139.7*42.4 5.5*1.66	2.07 300	65	89
125*40 5"1½"	139.7*48.3 5.5*1.9	2.07 300	65	89
125*50 5"2"	139.7*60.3 5.5*2.375	2.07 300	70	89
125*65 5"2½"	139.7*73.0 5.5*2.875	2.07 300	70	89
125*65 5"2½"	139.7*76.1 5.5*3	2.07 300	70	89
125*80 5"¾"	139.7*88.9 5.5*3.5	2.07 300	70	89
125*100 5"4"	139.7*114.3 5.563*4.5	2.07 300	70	89
125*15 5"½"	141.3*21.3 5.563*0.825	2.07 300	65	89
125*20 5"¾"	141.3*26.9 5.563*1.05	2.07 300	65	89
125*25 5"1"	141.3*33.7 5.563*1.327	2.07 300	65	89

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

59/72

Ver. A, 15032026, © Blaze 2026

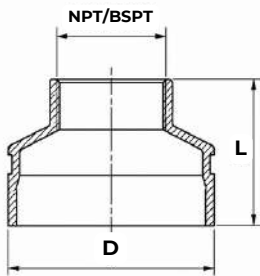


BLAZE



Threaded Concentric Reducer

Model : BT-240T



NPT threads conforming to
ANSI/ASME B1.20.1
and BSPT threads conforming
to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			BT-240T	BT-240TL
125*32 5"1¼"	141.3*42.4 5.563*1.66	2.07 300	65	89
125*40 5"1½"	141.3*48.3 5.563*1.9	2.07 300	65	89
125*50 5"2"	141.3*60.3 5.563*2.375	2.07 300	65	89
125*65 5"2½"	141.3*73 5.563*2.875	2.07 300	65	89
125*65 5"2½"	141.3*76.1 5.563*3	2.07 300	65	89
125*80 5"3"	141.3*88.9 5.563*3.5	2.07 300	65	89
125*100 5"4"	141.3*114.3 5.563*4.5	2.07 300	70	89
150*25 6"1"	159*33.7 6.25*1.327	2.07 300	75	-
150*32 6"1¼"	159*42.4 6.25*1.66	2.07 300	75	-
150*40 6"1½"	159*48.3 6.25*1.66	2.07 300	75	-
150*50 6"2"	159*60.3 6.25*2.375	2.07 300	75	-
150*65 6"2½"	159*76.1 6.25*3	2.07 300	75	-
150*80 6"3"	159*88.9 6.25*3.5	2.07 300	75	-
150*100 6"4"	159*114.3 6.25*4.5	2.07 300	75	-
150*15 6"½"	165.1*21.3 6.5*0.825	2.07 300	75	102
150*20 6"¾"	165.1*26.9 6.5*1.05	2.07 300	75	102
150*25 6"1"	165.1*33.4 6.5*1.327	2.07 300	75	102
150*32 6"1¼"	165.1*42.4 6.5*1.66	2.07 300	75	102
150*40 6"1½"	165.1*48.3 6.5*1.9	2.07 300	75	102
150*50 6"2"	165.1*60.3 6.5*2.375	2.07 300	75	102
150*65 6"2½"	165.1*73 6.5*2.875	2.07 300	75	102
150*65 6"2½"	165.1*76.1 6.5*3	2.07 300	75	102
150*80 6"3"	165.1*88.9 6.5*3.5	2.07 300	75	102
150*100 6"4"	165.1*114.3 6.5*4.5	2.07 300	75	102

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)	
			BT-240T	BT-240TL
150*15 6"½"	168.3*21.3 6.625*0.825	2.07 300	75	102
150*20 6"¾"	168.3*26.9 6.625*1.05	2.07 300	75	102
150*25 6"1"	168.3*33.7 6.625*1.327	2.07 300	75	102
150*32 6"1¼"	168.3*42.4 6.625*1.66	2.07 300	75	102
150*40 6"1½"	168.3*48.3 6.625*1.9	2.07 300	75	102
150*50 6"2"	168.3*60.3 6.625*2.375	2.07 300	75	102
150*65 6"2½"	168.3*73 6.625*2.875	2.07 300	75	102
150*65 6"2½"	168.3*76.1 6.625*3	2.07 300	75	102
150*80 6"3"	168.3*88.9 6.625*3.5	2.07 300	75	102
150*100 6"4"	168.3*114.3 6.625*4.5	2.07 300	75	102
200*50 8"2"	216.3*60.3 8.516*2.375	2.07 300	85	127
200*65 8"2½"	216.3*76.1 8.516*3	2.07 300	85	127
200*80 8"3"	216.3*88.9 8.516*3.5	2.07 300	85	127
200*100 8"4"	216.3*114.3 8.516*4.5	2.07 300	85	127
200*50 8"1½"	219.1*48.3 8.625*1.9	2.07 300	85	
200*50 8"2"	219.1*60.3 8.625*2.875	2.07 300	85	127
200*65 8"2½"	219.1*73 8.625*2.875	2.07 300	85	127
200*65 8"2½"	219.1*76.1 8.625*3	2.07 300	85	127
200*80 8"3"	219.1*88.9 8.625*3.5	2.07 300	85	127
200*100 8"4"	219.1*114.3 8.625*4.5	2.07 300	85	127
250*100 10"4"	267.4*114.3 10.528*4.5	2.07 300	90	172
200*100 10"4"	273*114.3 10.75*4.5	2.07 300	90	172
300*100 12"4"	318.5*114.3 12.539*4.5	2.07 300	90	178
300*100 12"4"	323.9*114.3 12.75*4.5	2.07 300	90	178

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

60/72

Ver. A, 15032026, © Blaze 2026

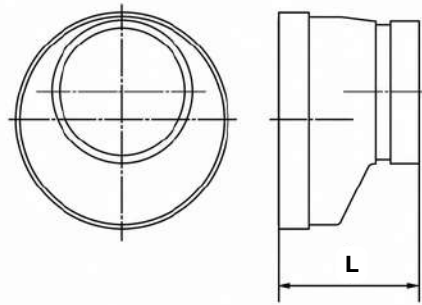


BLAZE



Grooved Eccentric Reducer

Model : BT-240E



Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
65*40 2½"1½"	73*48.3 2.875*1.9	2.07 300	64
65*40 2½"1½"	76.1*48.3 3*1.9	2.07 300	64
65*50 2½"2"	76.1*60.3 3*2.375	2.07 300	64
80*40 3"1½"	88.9*48.3 3.5*1.9	2.07 300	64
80*50 3"2"	88.9*60.3 3.5*2.375	2.07 300	64
80*65 3"2½"	88.9*73 3.5*2.875	2.07 300	64
80*65 3"2½"	88.9*76.1 3.5*3	2.07 300	68
100*40 4"1½"	114.3*48.3 4.5*1.9	2.07 300	75
100*50 4"2"	114.3*60.3 4.5*2.375	2.07 300	80
100*65 4"2½"	114.3*73 4.5*2.875	2.07 300	80
100*65 4"2½"	114.3*76.1 4.5*3	2.07 300	65/75
100*80 4"3"	114.3*88.9 4.5*3.5	2.07 300	65/75
125*50 5"2"	139.7*60.3 5.5*2.375	2.07 300	70
125*65 5"2½"	139.7*76.1 5.5*3	2.07 300	70
125*80 5"3"	139.7*88.9 5.5*3.5	2.07 300	70
125*100 5"4"	139.7*114.3 5.5*4.5	2.07 300	70
125*50 5"2"	141.3*60.3 5.563*2.375	2.07 300	70
125*65 5"2½"	141.3*73 5.563*2.875	2.07 300	70
125*65 5"2½"	141.3*76.1 5.563*3	2.07 300	70
125*80 5"3"	141.3*88.9 5.563*3.5	2.07 300	70
125*100 5"4"	141.3*114.3 5.563*4.5	2.07 300	70
150*50 6"2"	165.1*60.3 6.5*2.375	2.07 300	75
150*65 6"2½"	165.1*76.1 6.5*3	2.07 300	75/102
150*80 6"3"	165.1*88.9 6.5*3.5	2.07 300	75
150*100 6"4"	165.1*114.3 6.5*4.5	2.07 300	75

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
150*125 6"5"	165.1*139.7 6.5**5.5"	2.07 300	75
150*50 6"2"	168.3*60.3 6.625**2.375"	2.07 300	75
150*65 6"2½"	168.3*73 6.625**2.875"	2.07 300	75
150*65 6"2½"	168.3*76.1 6.625**3"	2.07 300	75
150*80 6"3"	168.3*88.9 6.625**3.5"	2.07 300	102
150*100 6"4"	168.3*114.3 6.625**4.5"	2.07 300	102
150*125 6"5"	168.3*139.7 6.625**5.5"	2.07 300	75
150*125 6"5"	168.3*141.3 6.625**5.563"	2.07 300	75
200*100 8"4"	216.4*114.3 8.516**4.5"	2.07 300	85
200*125 8"5"	216.4*139.7 8.516**5.5"	2.07 300	85
200*150 8"6"	216.4*165.1 8.516**6.5"	2.07 300	85
200*80 8"3"	219.1*88.9 8.625**3.5"	2.07 300	85
200*100 8"4"	219.1*114.3 8.625**4.5"	2.07 300	85
200*125 8"5"	219.1*139.7 8.625**5.5"	2.07 300	85
200*125 8"5"	219.1*141.3 8.625**5.563"	2.07 300	85
200*150 8"6"	219.1*165.1 8.625**6.5"	2.07 300	85
200*150 8"6"	219.1*168.3 8.625**6.625"	2.07 300	85
250*150 10"6"	273*165.1 10.75**6.5"	2.07 300	90
250*150 10"6"	273*168.3 10.75**6.625"	2.07 300	90
250*200 10"8"	273*219.1 10.75**8.625"	2.07 300	90
300*150 12"6"	323.9*165.1 12.75**6.5"	2.07 300	110
300*150 12"6"	323.9*168.3 12.750**6.625"	2.07 300	110
300*200 12"8"	323.9*219.1 12.75**8.625"	2.07 300	85/110
300*250 12"10"	323.9*273 12.75**10.75"	2.07 300	95

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

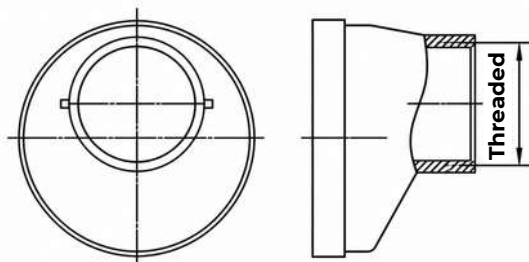
PRECISION YOU CAN TRUST

61/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Threaded Eccentric Reducer

Model : BT-240ET

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
80*40 3"*1½"	88.9*48.3 3.5*1.9	2.07 300	64
80*50 3"*2"	88.9*60.3 3.5*2.375	2.07 300	64
80*65 3"*2½"	88.9*73 3.5*2.875	2.07 300	64
80*65 3"*2½"	88.9*76.1 3.5*3	2.07 300	64
100*50 4"*2"	114.3*60.3 4.5*2.375	2.07 300	75
100*65 4"*2½"	114.3*73 4.5*2.875	2.07 300	75
100*65 4"*2½"	114.3*76.1 4.5*3	2.07 300	75
100*80 4"*3"	114.3*88.9 4.5*3.5	2.07 300	75
125*80 5"*3"	139.7*88.9 5.5*3.5	2.07 300	70
125*100 5"*4"	139.7*114.3 5.5*4.5	2.07 300	70
150*65 6"*2½"	165.1*76.1 6.5*3	2.07 300	75
150*80 6"*3"	165.1*88.9 6.5*3.5	2.07 300	75
150*100 6"*4"	165.1*114.3 6.5*4.5	2.07 300	75
150*65 6"*2½"	168.3*73 6.625*2.875	2.07 300	75
150*65 6"*2½"	168.3*76.1 6.625*3	2.07 300	75
150*80 6"*3"	168.3*88.9 6.625*3.5	2.07 300	75
150*100 6"*4"	168.3*114.3 6.625*4.5	2.07 300	75
200*100 8"*4"	219.1*114.3 8.625*4.5	2.07 300	85
250*100 10"*4"	273*114.3 10.75*4.5	2.07 300	95
300*100 12"*4"	323.9*114.3 12.75*4.5	2.07 300	110

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**62/72**

Ver. A, 15032026, © Blaze 2026

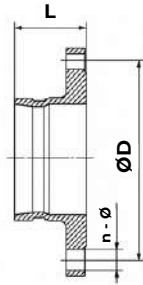


BLAZE



Grooved Adaptor Flange

Model : BT-321P



Nominal size	Pipe O.D (mm / in)	Dimension (mm / in)	PN 10		PN 16		PN 25		ANSI 150		10K		20K		BS	
		L	D	Bolt Size	D	Bolt Size	D	Bolt Size	D	Bolt Size	D	Bolt Size	D	Bolt Size	D	Bolt Size
25 1	33.7 1.327	60	85	4-M12	85	4-M12	85	4-M12	79.5	4-1/2	-	-	-	-	-	-
32 1 1/4	42.4 1.66	60	100	4-M16	100	4-M16	100	4-M16	89	4-1/2	-	-	-	-	-	-
40 1 1/2	48.3 1.9	60	110	4-M16	110	4-M16	110	4-M16	98.5	4-1/2	105	4-5/8	105	4-5/8	105	-
50 2	60.3 2.375	65	125	4-M16	125	4-M16	125	4-M16	120.5	4-5/8	120	4-5/8	120	4-5/8	120	-
65 2 1/2	73 2.875	60	145	4-M16	145	4-M16	145	8-M16	139.5	4-5/8	-	-	-	-	-	-
65 2 1/2	76.1 3	65	145	4-M16	145	4-M16	145	8-M16	139.5	4-5/8	140	4-5/8	140	4-5/8	140	4-M16
80 3	88.9 3.5	65	160	8-M16	160	8-M16	160	8-M16	152.5	8-5/8	150	8-5/8	160	8-5/8	160	4-M16
100 4	108 4.252	65	180	8-M16	180	8-M16	190	8-M20	-	-	-	-	-	-	-	-
100 4	114.3 4.5	70	180	8-M16	180	8-M16	190	8-M20	190.5	8-5/8	175	8-5/8	185	8-3/4	178	8-M16
125 5	133 5.25	70	210	8-M16	210	8-M16	220	8-M24	-	-	-	-	-	-	-	-
125 5	139.7 5.5	70	210	8-M16	210	8-M16	220	8-M24	216	8-3/4	210	8-3/4	225	8-7/8	210	8-M16
125 5	141.3 5.563	70	210	8-M16	210	8-M16	-	-	216	8-3/4	-	-	-	-	-	-
150 6	159 6.26	70	240	8-M20	240	8-M20	250	8-M24	-	-	-	-	-	-	-	-
150 6	165.1 6.5	70	240	8-M20	240	8-M20	250	8-M24	241.5	8-3/4	240	8-3/4	260	12-7/8	235	8-M20
150 6	168.3 6.625	70	240	8-M20	240	8-M20	-	-	241.5	8-3/4	-	-	-	-	-	-
200 8	216.3 8.516	80	-	-	-	-	-	-	-	-	290	12-3/4	305	12-7/8	-	-
200 8	219.1 8.625	80	295	8-M20	295	12-M20	310	12-M24	298.5	8-3/4	-	-	-	-	292	8-M20
250 10	267.4 10.528	85	-	-	-	-	-	-	-	-	355	12-7/8	380	12-1	-	-
250 10	273 10.75	85	350	12-M20	355	12-M20	-	-	362	12-7/8	-	-	-	-	356	12-M20
300 12	318.5 12.539	90	-	-	-	-	-	-	-	-	400	12-7/8	430	16-1	-	-
300 12	323.9 12.75	90	400	12-M20	410	12-M20	-	-	432	12-7/8	-	-	-	-	406	12-M22
350 14	355.6 12.750	100	-	-	-	-	-	-	476	12-1	-	-	-	-	470	12-M22
350 14	377.0 14.843	100	-	-	470	16-M20	-	-	-	-	-	-	-	-	-	-
400 16	406.4 16.000	110	-	-	-	-	-	-	540	16-1	-	-	-	-	521	12-M22
400 16	426.0 16.77	110	-	-	525	16-M24	-	-	-	-	-	-	-	-	-	-
450 18	457.2 18.000	115	-	-	-	-	-	-	578	16-11/8	-	-	-	-	584	16-M22
450 18	480.0 18.897	115	-	-	585	20-M24	-	-	-	-	-	-	-	-	-	-
500 20	508.0 20.000	152	-	-	650	20-M24	-	-	635	20-11/8	-	-	-	-	-	-
600 24	609.6 24.000	152	-	-	770	20-M27	-	-	749.5	20-11/4	-	-	-	-	-	-

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

63/72

Ver. A, 15032026, © Blaze 2026

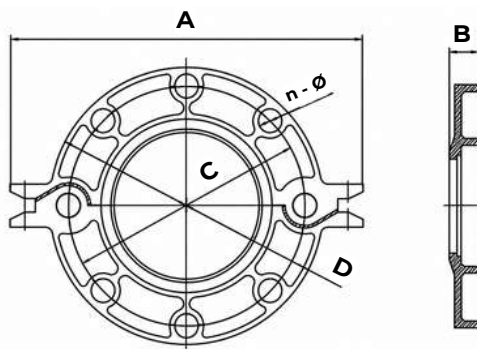


BLAZE



Split Flange

Model : BT-321H



Nominal size	Pipe O.D (mm / in)	Dimension (mm / in)				Bolt Size	
		A	B	C	D		
40 1½	48.3 1.900	195	18.5	110	150	2-M10*50	4-M16
50 2	60.3 2.375	220	22	125	165	2-M10*60	4-M16
65 2½	73 2.875	238	22	145	185	2-M10*60	4-M16
65 2½	76.1 3	238	22	145	185	2-M10*60	4-M16
80 3	88.9 3.5	252	22	160	200	2-M10*60	8-M16
100 4	108 4.25	278	22	180	220	2-M10*65	8-M16
100 4	114.3 4.5	278	22	180	220	2-M10*65	8-M16
125 5	133 5.25	318	23	210	250	2-M10*65	8-M16
125 5	139.7 5.5	318	23	210	250	2-M10*65	8-M16
125 5	141.3 5.563	318	23	210	250	2-M10*65	8-M16
150 6	159 6.25	345	23	240	285	2-M10*65	8-M20
150 6	165.1 6.5	345	23	240	285	2-M10*65	8-M20
150 6	168.3 6.625	345	23	240	285	2-M10*65	8-M20
200 8	216.3 8.516	402	23	295	335	2-M12*80	12-M20
200 8	219.1 8.625	410	28	295	340	2-M12*80	12-M20
250 10	267.4 10.528	495	29.5	355	400	2-M12*80	12-M24
250 10	273 10.75	500	29.5	355	405	2-M12*80	12-M24
300 12	318.5 12.539	545	29.5	410	452	2-M12*80	12-M24
300 12	323.9 12.75	550	29.5	410	460	2-M12*80	12-M24

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

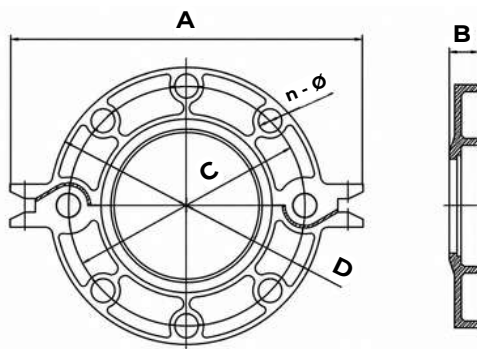
PRECISION YOU CAN TRUST

64/72

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Split Flange

Model : BT-321H (ANSI 150)

Nominal size	Pipe O.D (mm / in)	Dimension (mm / in)				Bolt Size	
		A	B	C	D		
50 2	60.3 2.375	220	22	120.5	155	2-M10*60	4-5/8
65 2½	73 2.875	238	22	139.5	180	2-M10*60	4-5/8
65 2½	76.1 3	238	22	139.5	190	2-M10*60	4-5/8
80 3	88.9 3.5	252	22	152.5	190	2-M10*60	4-5/8
100 4	114.3 4.5	278	22	190.5	230	2-M10*65	4-5/8
125 5	141.3 5.563	318	23	216	255	2-M10*65	8-3/4
150 6	165.1 6.5	345	23	241.5	280	2-M10*65	8-3/4
150 6	168.3 6.625	345	23	241.5	280	2-M10*65	8-3/4
200 8	219.1 8.625	410	28	298.5	345	2-M12*80	8-3/4
250 10	273 10.75	500	29.5	362	405	2-M12*80	12-7/8
300 12	323.9 12.75	550	29.5	432	485	2-M12*80	12-7/8

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

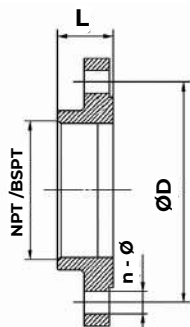
Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**65/72**

Ver. A, 15032026, © Blaze 2026

**BLAZE**

Threaded Flange

Model : BT-321T

Nominal size	Pipe O.D (mm / in)	Dimension (mm / in)	PN 10		PN 16		PN 25		ANSI 150		10K		20K		BS	
		L	D	Bolt Size	D	Bolt Size	D	Bolt Size	D	Bolt Size	D	Bolt Size	D	Bolt Size	D	Bolt Size
25 1	33.7 1.327	30	85	4-M12	85	4-M12	85	4-M12	79.5	4-1/2	-	-	-	-	-	-
32 1¼	42.4 1.66	30	100	4-M16	100	4-M16	100	4-M16	89	4-1/2	-	-	-	-	-	-
40 1½	48.3 1.9	30	110	4-M16	110	4-M16	110	4-M16	98.5	4-1/2	105	4-5/8	105	4-5/8	105	-
50 2	60.3 2.375	30	125	4-M16	125	4-M16	125	4-M16	120.5	4-5/8	120	4-5/8	120	4-5/8	120	-
65 2½	73 2.875	35	145	4-M16	145	4-M16	145	8-M16	139.5	4-5/8	-	-	-	-	-	-
65 2½	76.1 3	35	145	4-M16	145	4-M16	145	8-M16	139.5	4-5/8	140	4-5/8	140	4-5/8	140	4-M16
80 3	88.9 3.5	35	160	8-M16	160	8-M16	160	8-M16	152.5	8-5/8	150	8-5/8	160	8-5/8	160	4-M16
100 4	114.3 4.5	40	180	8-M16	180	8-M16	190	8-M20	190.5	8-5/8	175	8-¾	185	8-¾	178	8-M16

BLAZETECH SYSTEMS LTD.✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST**66/72**

Ver. A, 15032026, © Blaze 2026

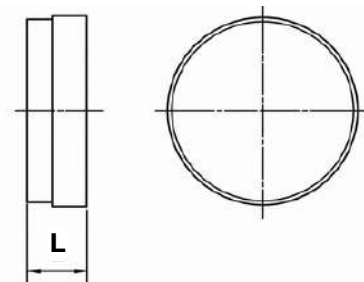
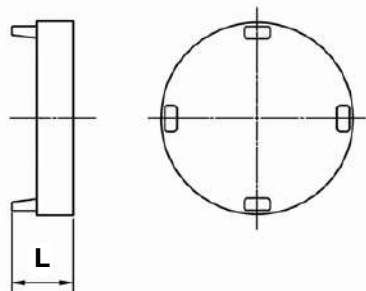


BLAZE



End Cap

Model : BT-300



Nominal size	Pipe O.D (mm / in)	Working Pressure (mpa / psi)	Dimension (mm / in)	
			BT-300	BT-300L
25 1"	33.7 1.315	2.07 300	23.5	23.5
32 1¼"	42.4 1.66	2.07 300	26	23.5
40 1½"	48.3 1.9	2.07 300	26	23.5
50 2"	60.3 2.375	2.07 300	26	26
65 2½"	73.0 2.875	2.07 300	26	26
65 2½"	76.1 3	2.07 300	26	26
80 3"	88.9 3.5	2.07 300	27	27
100 4"	108.0 4.25	2.07 300	29	29
100 4"	114.3 4.5	2.07 300	29	28
125 5"	133.0 5.25	2.07 300	28	28
125 5"	139.7 5.5	2.07 300	28	29
125 5"	141.3 5.563	2.07 300	29	29
150 6"	159.0 6.25	2.07 300	29	29
150 6"	165.1 6.5	1.725 250	29	28
150 6"	168.3 6.625	1.725 250	29	29

Nominal size	Pipe O.D (mm / in)	Working Pressure (mpa / psi)	Dimension (mm / in)	
			BT-300	BT-300L
200 8"	216.3 8.516	1.725 250	35	35
200 8"	219.1 8.625	2.07 300	35	32
250 10"	267.4 10.528	2.07 300	34	34
250 10"	273.0 10.75	2.07 300	34	34
300 12"	318.5 12.539	2.07 300	34	34
300 12"	323.9 12.75	2.07 300	34	34
350 14"	355.6 14.000	2.07 300	-	102
350 14"	377.0 14.84	2.07 300	-	102
400 16"	406.4 16.000	2.07 300	-	102
400 16"	426.0 16.77	2.07 300	-	102
450 18"	457.2 18.000	2.07 300	-	127
450 18"	480.0 18.9	2.07 300	-	127
500 20"	508.0 20.000	2.07 300	-	152
600 24"	609.6 24.000	2.07 300	152	-

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

🌐 www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

67/72

Ver. A, 15032026, © Blaze 2026

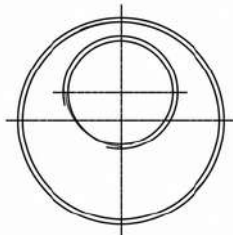
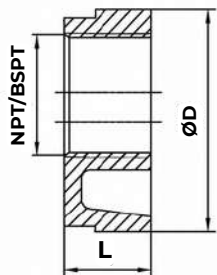


BLAZE



End Cap With Ecentric Hole

Model : BT-300E



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (mpa / psi)	Dimension (mm / in)
50*25 2"1"	60.3*33.7 2.375*1.315	2.07 300	25
50*32 2"1 1/4"	60.3*42.4 2.375*1.66	2.07 300	25
50*40 2"1 1/2"	60.3*48.3 2.375*1.9	2.07 300	25
65*25 2 1/2"1"	73.0*33.7 2.875*1.315	2.07 300	25
65*32 2 1/2"1 1/4"	73.0*42.4 2.875*1.66	2.07 300	25
65*40 2 1/2"1 1/2"	73.0*48.3 2.875*1.9	2.07 300	25
65*25 2 1/2"1"	76.1*33.7 3*1.315	2.07 300	25
65*32 2 1/2"1 1/4"	76.1*42.4 3*1.66	2.07 300	25
65*40 2 1/2"1 1/2"	76.1*48.3 3*1.9	2.07 300	25
65*50 2 1/2"2"	76.1*60.3 3*2.375	2.07 300	25
80*25 3"1"	88.9*33.7 3.5*1.315	2.07 300	25
80*32 3"1 1/4"	88.9*42.4 3.5*1.66	2.07 300	25
80*40 3"1 1/2"	88.9*48.3 3.5*1.9	2.07 300	25
80*50 3"2"	88.9*60.3 3.5*2.375	1.725 250	25
100*25 4"1"	114.3*33.7 4.5*1.315	1.725 250	28
100*32 4"1 1/4"	114.3*42.4 4.5*1.66	1.725 250	28
100*40 4"1 1/2"	114.3*48.3 4.5*1.9	2.07 300	28
100*50 4"2"	114.3*60.3 4.5*2.375	2.07 300	28
125*25 5"1"	139.7*33.7 5.5*1.315	2.07 300	28
125*32 5"1 1/4"	139.7*42.4 5.5*1.66	2.07 300	28
125*40 5"1 1/2"	139.7*48.3 5.5*1.9	2.07 300	28
125*50 5"2"	139.7*60.3 5.5*2.375	2.07 300	28
125*25 5"1"	141.3*33.7 5.563*1.315	2.07 300	28

Nominal size	Pipe O.D (mm / in)	Working Pressure (mpa / psi)	Dimension (mm / in)
125*32 5"1 1/4"	141.3*42.4 5.563*1.66	2.07 300	28
125*40 5"1 1/2"	141.3*48.3 5.563*1.9	2.07 300	28
125*50 5"2"	141.3*60.3 5.563*2.375	2.07 300	28
150*25 6"1"	165.1*33.7 6.5*1.315	2.07 300	28
150*32 6"1 1/4"	165.1*42.4 6.5*1.66	2.07 300	28
150*40 6"1 1/2"	165.1*48.3 6.5*1.9	2.07 300	28
150*50 6"2"	165.1*60.3 6.5*2.375	2.07 300	28
150*25 6"1"	168.3*33.7 6.625*1.315	2.07 300	28
150*32 6"1 1/4"	168.3*42.4 6.625*1.66	2.07 300	28
150*40 6"1 1/2"	168.3*48.3 6.625*1.9	2.07 300	28
150*50 6"2"	168.3*60.3 6.625*2.375	2.07 300	28
200*25 8"1"	219.1*33.7 8.625*1.315	2.07 300	32
200*32 8"1 1/4"	219.1*42.4 8.625*1.66	2.07 300	32
200*40 8"1 1/2"	219.1*48.3 8.625*1.9	1.725 250	32
200*50 8"2"	219.1*60.3 8.625*2.375	1.725 250	32
250*25 10"1"	273.0*33.7 10.75*1.315	1.725 250	34
250*32 10"1 1/4"	273.0*42.4 10.75*1.66	2.07 300	34
250*40 10"1 1/2"	273.0*48.3 10.75*1.9	2.07 300	34
250*50 10"2"	273.0*60.3 10.75*2.375	2.07 300	34
300*25 12"1"	323.9*33.7 12.75*1.315	2.07 300	34
300*32 12"1 1/4"	323.9*42.4 12.75*1.66	2.07 300	34
300*40 12"1 1/2"	323.9*48.3 12.75*1.9	2.07 300	34
300*50 12"2"	323.9*60.3 12.75*2.375	2.07 300	34

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom

www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

68/72

Ver. A, 15032026, © Blaze 2026

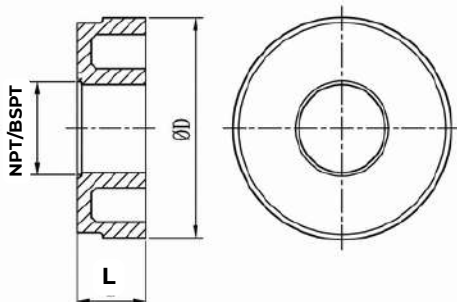


BLAZE



End Cap With Concentric Hole

Model : BT-300C



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (mpa / psi)	Dimension (mm / in)
50*25 2"*1"	60.3*33.7 2.375*1.315	2.07 300	25
50*32 2"*1¼"	60.3*42.4 2.375*1.66	2.07 300	25
50*40 2"*1½"	60.3*48.3 2.375*1.9	2.07 300	25
65*25 2½"*1"	73.0*33.7 2.875*1.315	2.07 300	25
65*32 2½"*1¼"	73.0*42.4 2.875*1.66	2.07 300	25
65*40 2½"*1½"	73.0*48.3 2.875*1.9	2.07 300	25
65*25 2½"*1"	76.1*33.7 3*1.315	2.07 300	25
65*32 2½"*1¼"	76.1*42.4 3*1.66	2.07 300	25
65*40 2½"*1½"	76.1*48.3 3*1.9	2.07 300	25
65*50 2½"*2"	76.1*60.3 3*2.375	2.07 300	25
80*25 3"*1"	88.9*33.7 3.5*1.315	2.07 300	25
80*32 3"*1¼"	88.9*42.4 3.5*1.66	2.07 300	25
80*40 3"*1½"	88.9*48.3 3.5*1.9	2.07 300	25
80*50 3"*2"	88.9*60.3 3.5*2.375	1.725 250	25
100*25 4"*1"	114.3*33.7 4.5*1.315	1.725 250	28
100*32 4"*1¼"	114.3*42.4 4.5*1.66	1.725 250	28
100*40 4"*1½"	114.3*48.3 4.5*1.9	2.07 300	28
100*50 4"*2"	114.3*60.3 4.5*2.375	2.07 300	28
125*25 5"*1"	139.7*33.7 5.5*1.315	2.07 300	28
125*32 5"*1¼"	139.7*42.4 5.5*1.66	2.07 300	28
125*40 5"*1½"	139.7*48.3 5.5*1.9	2.07 300	28
125*50 5"*2"	139.7*60.3 5.5*2.375	2.07 300	28
125*25 5"*1"	141.3*33.7 5.563*1.315	2.07 300	28

Nominal size	Pipe O.D (mm / in)	Working Pressure (mpa / psi)	Dimension (mm / in)
125*32 5"*1¼"	141.3*42.4 5.563*1.66	2.07 300	28
125*40 5"*1½"	141.3*48.3 5.563*1.9	2.07 300	28
125*50 5"*2"	141.3*60.3 5.563*2.375	2.07 300	28
150*25 6"*1"	165.1*33.7 6.5*1.315	2.07 300	28
150*32 6"*1¼"	165.1*42.4 6.5*1.66	2.07 300	28
150*40 6"*1½"	165.1*48.3 6.5*1.9	2.07 300	28
150*50 6"*2"	165.1*60.3 6.5*2.375	2.07 300	28
150*25 6"*1"	168.3*33.7 6.625*1.315	2.07 300	28
150*32 6"*1¼"	168.3*42.4 6.625*1.66	2.07 300	28
150*40 6"*1½"	168.3*48.3 6.625*1.9	2.07 300	28
150*50 6"*2"	168.3*60.3 6.625*2.375	2.07 300	28
200*25 8"*1"	219.1*33.7 8.625*1.315	2.07 300	32
200*32 8"*1¼"	219.1*42.4 8.625*1.66	2.07 300	32
200*40 8"*1½"	219.1*48.3 8.625*1.9	1.725 250	32
200*50 8"*2"	219.1*60.3 8.625*2.375	1.725 250	32
250*25 10"*1"	273.0*33.7 10.75*1.315	1.725 250	34
250*32 10"*1¼"	273.0*42.4 10.75*1.66	2.07 300	34
250*40 10"*1½"	273.0*48.3 10.75*1.9	2.07 300	34
250*50 10"*2"	273.0*60.3 10.75*2.375	2.07 300	34
300*25 12"*1"	323.9*33.7 12.75*1.315	2.07 300	34
300*32 12"*1¼"	323.9*42.4 12.75*1.66	2.07 300	34
300*40 12"*1½"	323.9*48.3 12.75*1.9	2.07 300	34
300*50 12"*2"	323.9*60.3 12.75*2.375	2.07 300	34

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

69/72

Ver. A, 15032026, © Blaze 2026

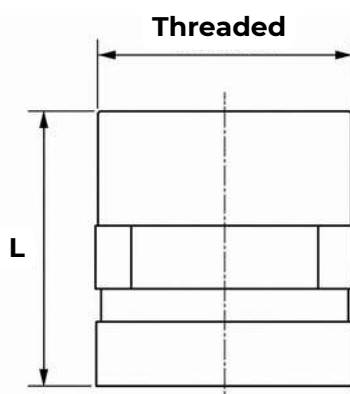


BLAZE



Nipple

Model : BT-NIP-T



NPT threads conforming to ANSI/ASME B1.20.1
and BSPT threads conforming to ISO 7-1

Nominal size	Pipe O.D (mm / in)	Working Pressure (Mpa / psi)	Dimension (mm / in)
			L
32*32 1¼" * 1¼"	42.4*42.4 1.66*1.66	2.07 300	60
40*40 1½" * 1½"	48.3*48.3 1.9*1.9	2.07 300	60
50*50 2" * 2"	60.3*60.3 2.375*1.9	2.07 300	66
65*65 2½" * 2½"	73.0*73.0 2.875*2.875	2.07 300	75
65*65 2½" * 2½"	76.1*76.1 3*1.327	2.07 300	75
80*80 3" * 3"	88.9*88.9 3.5*1.327	2.07 300	80
100*100 4" * 4"	114.3*114.3 4.5*4.5	2.07 300	80

BLAZETECH SYSTEMS LTD.

contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer : Product approvals, certifications, and listings are size-specific. Please verify the exact size and configuration in our official UL / FM listings to confirm compliance. Images are for illustration purposes only; actual products may vary in appearance. As part of our continuous development process, product specifications are subject to change without notice.

PRECISION YOU CAN TRUST

70/72

Ver. A, 15032026, © Blaze 2026



BLAZE



Company Qualification



ISO 9001



ISO 14001



ISO 45001



HHXX:EX 29937



VIZA:EX29936



VIZM:29935

BLAZETECH SYSTEMS LTD.

✉ contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

71/72

Ver. A, 15032026, © Blaze 2026



BLAZE



REGISTERED HEAD OFFICE

BLAZETECH SYSTEMS LTD
MILTON KEYNES, UNITED KINGDOM
TEL: +44 1908 7139 79
E Mail: contact@blaze-tech.co.uk
Website: www.blaze-tech.co.uk

UAE OFFICE

BLAZETECH GLOBAL TRADING LLC
DUBAI, UNITED ARAB EMIRATES
TEL: +971564061500
E Mail: info.uae@blaze-tech.co.uk
Website: www.blaze-tech.co.uk

INDIA OFFICE

BLAZE-TECH SYSTEMS INDIA LLP
NAVI MUMBAI, INDIA.
TEL: +91 86551 35009
E Mail: india@blaze-tech.co.uk
Website: www.blaze-tech.co.uk

BLAZETECH SYSTEMS LTD.



contact@blaze-tech.co.uk

Milton Keynes, United Kingdom



www.blaze-tech.co.uk

Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

PRECISION YOU CAN TRUST

Ver. A, 15032026, © Blaze 2026