

MODEL
723 SADDLE-LET

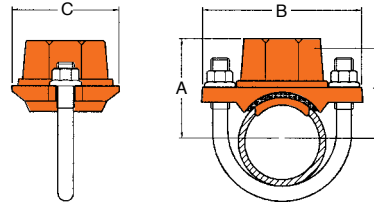
Small Mechanical Tee

The Model 723 Saddle-Let is the ideal outlet fitting for making direct connections to sprinkler heads, drop nipples and or gauges. No need for welding, just cut or drill a hole at the desired outlet location.

Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-grooved)	Max. Service Temperature
Class 150	300 psi @100°F 20 Bar @38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*Working pressure is based on standard wall carbon steel pipe.
*Proof test pressure: 1.5 times the working pressure, non-shock cold water.
*Burst pressure is engineered minimum 3 times the working pressure.



Nominal Size mm / in	Hole Dia. +1.6, -0 / +0.063, -0 mm / in	Dimensions			Take-Out, T mm / in	Bolt Size in	Bolt Torque N-m / Lb-Ft	Weight Kgs / Lbs
		A mm / in	B mm / in	C mm / in				
32 x 15	30	53.0	89.0	56.0	35.0	3/8Ø	20-30	0.4
1¼ x ½	1.18	2.08	3.50	2.20	1.38	U-Bolt	15-22	0.9
32 x 20	30	53.0	89.0	56.0	35.0	3/8Ø	20-30	0.4
1¼ x ¾	1.18	2.08	3.50	2.20	1.38	U-Bolt	15-22	0.9
32 x 25	30	56.0	89.0	56.0	38.0	3/8Ø	20-30	0.4
1¼ x 1	1.18	2.20	3.50	2.20	1.50	U-Bolt	15-22	0.9
40 x 15	30	55.0	89.0	56.0	35.0	3/8Ø	20-30	0.4
1½ x ½	1.18	2.16	3.50	2.20	1.38	U-Bolt	15-22	0.9
40 x 20	30	55.0	89.0	56.0	35.0	3/8Ø	20-30	0.4
1½ x ¾	1.18	2.16	3.50	2.20	1.38	U-Bolt	15-22	0.9
40 x 25	30	58.0	89.0	56.0	38.0	3/8Ø	20-30	0.4
1½ x 1	1.18	2.28	3.50	2.20	1.50	U-Bolt	15-22	0.9
50 x 15	30	64.0	98.0	56.0	42.0	3/8Ø	20-30	0.4
2 x ½	1.18	2.51	3.85	2.20	1.65	U-Bolt	15-22	0.9
50 x 20	30	64.0	98.0	56.0	42.0	3/8Ø	20-30	0.4
2 x ¾	1.18	2.51	3.85	2.20	1.65	U-Bolt	15-22	0.9
50 x 25	30	67.0	98.0	56.0	45.0	3/8Ø	20-30	0.4
2 x 1	1.18	2.63	3.85	2.20	1.77	U-Bolt	15-22	0.9
65 x 15	30	69.0	111.0	56.0	51.0	3/8Ø	20-30	0.4
2½ x ½	1.18	2.71	4.37	2.20	2.00	U-Bolt	15-22	0.9
65 x 20	30	69.0	111.0	56.0	51.0	3/8Ø	20-30	0.4
2½ x ¾	1.18	2.71	4.37	2.20	2.00	U-Bolt	15-22	0.9
65 x 25	30	72.0	111.0	56.0	54.0	3/8Ø	20-30	0.5
2½ x 1	1.18	2.83	4.37	2.20	2.13	U-Bolt	15-22	1.1

1. Hole diameters listed are suggested hole saw diameters. 2. *T: Take-out (Center of run to end of pipe to be engaged)



Hole Cutting

The method of pipe preparation requires the cutting or drilling of a specified hole size on the centerline of the pipe. Always use the correct hole saw size as shown in the table and never use a torch for cutting a hole. After the hole has been cut all rough edges must be removed and the area within 5/8" (16mm) of the hole should be inspected to ensure a clean smooth surface, free of any indentations or projections that could affect proper gasket sealing.

Hole Sizes for 723 Saddle-let

unit: mm/in

Saddle-Let Branch Size	Hole Dimensions		Surface Preparation "A"
	Hole Saw Size	Max dia. Allowed	
15, 20, 25	30	32	89
½, ¾, 1	1 ³ / ₁₆	1¼	3½

