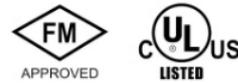
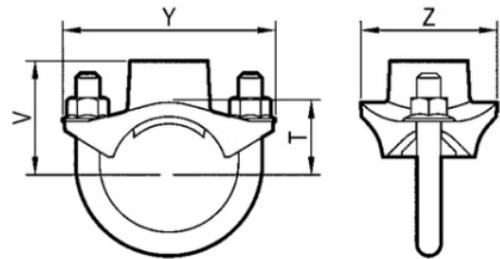




### MECHANICAL SPRINKLER TEE U-BOLT 3L

SPECIFICATIONS	
<b>Size Range</b>	DN50 X DN25 through DN300 X DN250 (60.3 mm x 33.7 mm through 219.1 mm x 114,3 mm)
<b>Approvals</b>	FM, UL, PAVUS
<b>Working pressure</b>	Up to 34.47 bar (500 psi) (depending on size and approval)
<b>Ambient temperature</b>	e-34 °C to 110 °C (-29.2 °F to 230 °F)
<b>Material</b>	- Ductile cast iron (ASTM A536 Grade 65-45-12); - Gasket: EPDM;
<b>Bolts and Nuts</b>	Heat treated and electro galvanized bolts with oval neck, and heavy duty hexagon nuts. Track head meeting the physical and chemical requirements of ASTM A-449 and physical requirements of ASTM A-183.
<b>Finish</b>	Painted red, Galvanised
<b>Application</b>	Water based fire-suppression systems
<b>Installation</b>	Refer to "Installation Manual"
<b>Maintenance</b>	Visual check



### PART NUMBERS & DIMENSIONS

Size			Max. Work Pressure	Hole Size	Dimensions				Bolt/Nut Size	Approx. Wgt. Each	Part number	
Run Pipe	X	Branch Pipe			Y	Z	V	T			Painted red	Galvanised
mm	X	mm	PSI	mm	mm	mm	mm	mm	kg			
42,4	x	21,3	350	30,5	88	57	46	28	M10X68X38	0,32	M-3L-042021P	M-3L-042021G
42,4	x	26,9	350	30,5	88	57	46	30	M10X68X38	0,34	M-3L-042027P	M-3L-042027G
42,4	x	33,4	350	30,5	88	57	52	34	M10X68X38	0,40	M-3L-042033P	M-3L-042033G
48,3	x	21,3	350	30,5	88	57	45	31	M10X68X38	0,32	M-3L-048021P	M-3L-048021G
48,3	x	26,9	350	30,5	88	57	48	33	M10X68X38	0,34	M-3L-048027P	M-3L-048027G
48,4	x	33,4	350	30,5	88	57	55	37	M10X68X38	0,40	M-3L-048033P	M-3L-048033G
60,3	x	21,3	350	30,5	94	57	51	37	M10X74X47	0,33	M-3L-060021P	M-3L-060021G



Size			Max. Work Pressure	Hole Size	Dimensions				Bolt/Nut Size	Approx. Wgt. Each	Part number	
Run Pipe	X	Branch Pipe			Y	Z	V	T			Painted red	Galvanised
mm	X	mm	PSI	mm	mm	mm	mm	mm	kg			
60,3	x	26,9	350	30,5	94	57	54	39	M10X68X38	0,35	M-3L-060027P	M-3L-060027G
60,3	x	33,4	350	30,5	94	57	61	43	M10X74X47	0,41	M-3L-060033P	M-3L-060033G
76,1	x	21,3	350	30,5	108	57	59	45	M10X89X57	0,33	M-3L-076021P	M-3L-076021G
76,1	x	26,9	350	30,5	108	57	62	47	M10X89X57	0,35	M-3L-076027P	M-3L-060027G
76,1	x	33,4	350	30,5	108	57	69	51	M10X89X57	0,41	M-3L-076033P	M-3L-060033G

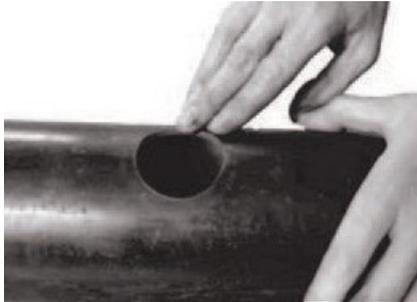
**Disclaimer:**

*This document provides only basic product information. All data, images, and drawings are for reference purposes and are not legally binding. The full technical documentation from the manufacturer shall serve as the authoritative source in all cases. Certificates, test reports, and approvals may be issued under the OEM's name. The content of this publication is subject to change without prior notice. All rights reserved.*



## INSTALLATION GUIDANCE

### GROOVED OUTLET MECHANICAL TEE – STEP-BY STEP INSTALLATION



1. Pipe Preparation

Clean the gasket sealing surface within 16mm of the hole and visually inspect the sealing surface for defects that may prevent proper sealing of the gasket. Don't drill the hole on weld line.



2. Remove Burrs

If any burrs or slug exists at the pipe hole, please remove them before assembly, to protect the gasket and avoid leakage.



3. Gasket installation

Insert the gasket into outlet housing properly. Align outlet housing over the pipe hole making sure that the locating collar is in the pipe hole.



4. Alignment

Attach the U-bolt from the other side and tighten the nuts finger-tight.



5. Tighten Nuts

Alternatively and evenly tighten the nuts to the specified bolt torque.



6. Assembly completed

Assembly completed.

**CAUTION:** proper torquing of bolts is required to obtain specified performance.

- Over torquing the bolts may result in damage to the bolt and/or casting which could result in pipe joint separation;
- Under torquing the bolts may result in lower pressure retention capabilities, lower bend load capabilities, joint leakage and pipe joint separation. Pipe joint separation may result in significant property damage and serious injury.