

U-Bolt Mechanical Tee Threaded Outlet Model 3L

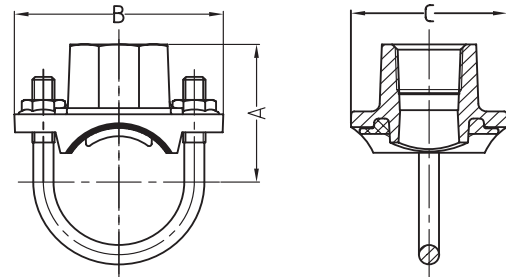


Material Specification

- Body - Ductile Iron, ASTM A536
- Bolts and nuts - Mild steel Zinc Plated, ASTM A183, ISO898

Gasket Specification

- EPDM, ASTM D2000
- Temperature range -34°C to +110°C (-30°C to +230°F).
Recommended for hot water service within specified temperature range plus a variety of diluted acids, oil free air and many chemical services. Not recommended for petroleum service.



Finish

- Red painted (RAL 3000)
- Galvanised

Model Number (Red Painted)	Model Number (Galvanised)	Nominal Size mm/in	Hole Dia mm/in +1.6.0/+0.063.0	Max. Working Pressure bar/psi				Dimensions			Bolt Size No.-Size mm
				UL	FM	VdS	CNBOP	A mm/in	B mm/in	C mm/in	
RD3L3215	RD3L3215G	32 x 15 1¼ x ½	30 1.18	20.7 300	20.7 300	16 232	20 290	54.4 2.14	88.9 3.50	57.2 2.25	3/8 x 73 M10X73
RD3L3220	RD3L3220G	32 x 20 1¼ x ¾	30 1.18	20.7 300	20.7 300	16 232	20 290	54.4 2.14	88.9 3.50	57.2 2.25	3/8 x 73 M10X73
RD3L3225	RD3L3225G	32 x 25 1¼ x 1	30 1.18	20.7 300	20.7 300	16 232	20 290	57.7 2.27	88.9 3.50	57.2 2.25	3/8 x 73 M10X73
RD3L4015	RD3L4015G	40 x 15 1½ x ½	30 1.18	20.7 300	20.7 300	16 232	20 290	57.7 2.27	88.9 3.50	57.2 2.25	3/8 x 73 M10X73
RD3L4020	RD3L4020G	40 x 20 1½ x ¾	30 1.18	20.7 300	20.7 300	16 232	20 290	57.7 2.27	88.9 3.50	57.2 2.25	3/8 x 73 M10X73
RD3L4025	RD3L4025G	40 x 25 1½ x 1	30 1.18	20.7 300	20.7 300	16 232	20 290	60.8 2.39	88.9 3.50	57.2 2.25	3/8 x 73 M10X73
RD3L5015	RD3L5015G	50 x 15 2 x ½	30 1.18	20.7 300	20.7 300	16 232	20 290	63.3 2.49	95.3 3.75	57.2 2.25	3/8 x 90 M10X90
RD3L5020	RD3L5020G	50 x 20 2 x ¾	30 1.18	20.7 300	20.7 300	16 232	20 290	63.3 2.49	95.3 3.75	57.2 2.25	3/8 x 90 M10X90
RD3L5025	RD3L5025G	50 x 25 2 x 1	30 1.18	20.7 300	20.7 300	16 232	20 290	66.6 2.62	95.3 3.75	57.2 2.25	3/8 x 90 M10X90
RD3L7615	RD3L7615G	65 x 15 2½ x ½	30 1.18	20.7 300	20.7 300	16 232	20 290	69.9 2.75	108.0 4.25	57.2 2.250	3/8 x 105 M10X105
RD3L7620	RD3L7620G	65 x 20 2½ x ¾	30 1.18	20.7 300	20.7 300	16 232	20 290	69.9 2.75	108.0 4.25	57.2 2.250	3/8 x 105 M10X105
RD3L7625	RD3L7625G	65 x 25 2½ x 1	30 1.18	20.7 300	20.7 300	16 232	20 290	73.2 2.88	108.0 4.25	57.2 2.25	3/8 x 105 M10X105

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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.

Specified Bolt Torque

Bolt Size Inch	Specified Bolt Torque	
	Lbs-Ft.	N.m
3/8	20-30	30-40
1/2	80-100	110-135
5/8	100-130	135-175
3/4	-	-
7/8	-	-