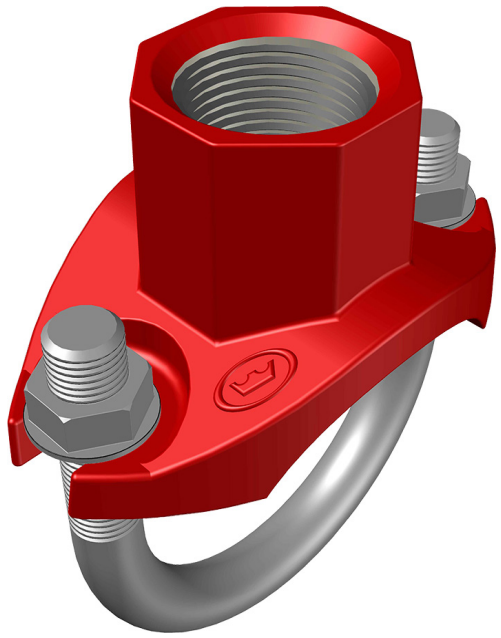
Grooved Products | Gasketed Fittings | Sprinkler Tee | VK-ST



SPECIFICATIONS	
Sizes (Nominal)	1" x 1/2" to 2-1/2" x 1/2" NPT DN25 x DN15 to DN65 x DN25 BSP
Approvals*	UL, FM APPROVED
Working pressure	20.7 bar (300 psi)
Ambient temperature	-34 °C to 110 °C (-29.2 °F to 230 °F)
Material	**Coupling:** Ductile cast iron, ASTM A536 Grade 65-45-12 **Gasket:** EPDM **Bolts and nuts:** Quenched and tempered steel, ASTM A449
Finish	• Painted red** • Galvanised
Application	Water based fire-suppression systems
Installation	Refer to "Installation Manual"
Maintenance	Visual check

* Refer to table below for full approval listings
** Red epoxy available on request

Part numbers & technical data | VK-ST | NPT

Nominal size		Pipe OD (mm)	Thread size	Thread type	Part number		Approvals		Max. working pressure (psi / bar)*	
Inch	DN				Painted red	Galvanised	UL	FM	UL	FM
1 x 1/2	25 x 15	33.7 x 21.3	1/2"	NPT	VK-ST-034021NP	VK-ST-034021NG	▪	▪	300 / 20.7	300 / 20.7
1 x 3/4	25 x 20	33.7 x 26.9	3/4"	NPT	VK-ST-034027NP	VK-ST-034027NG	▪	▪	300 / 20.7	300 / 20.7
1-1/4 x 1/2	32 x 15	42.4 x 21.3	1/2"	NPT	VK-ST-042021NP	VK-ST-042021NG	▪	▪	300 / 20.7	300 / 20.7
1-1/4 x 3/4	32 x 20	42.4 x 26.9	3/4"	NPT	VK-ST-042027NP	VK-ST-042027NG	▪	▪	300 / 20.7	300 / 20.7
1-1/4 x 1	32 x 25	42.4 x 33.7	1"	NPT	VK-ST-042034NP2	VK-ST-042034NG2	▪	▪	300 / 20.7	300 / 20.7
1-1/2 x 1/2	40 x 15	48.3 x 21.3	1/2"	NPT	VK-ST-048021NP	VK-ST-048021NG	▪	▪	300 / 20.7	300 / 20.7
1-1/2 x 3/4	40 x 20	48.3 x 26.9	3/4"	NPT	VK-ST-048027NP	VK-ST-048027NG	▪	▪	300 / 20.7	300 / 20.7
1-1/2 x 1	40 x 25	48.3 x 33.7	1"	NPT	VK-ST-048034NP2	VK-ST-048034NG2	▪	▪	300 / 20.7	300 / 20.7
2 x 1/2	50 x 15	60.3 x 21.3	1/2"	NPT	VK-ST-060021NP	VK-ST-060021NG	▪	▪	300 / 20.7	300 / 20.7
2 x 3/4	50 x 20	60.3 x 26.9	3/4"	NPT	VK-ST-060027NP	VK-ST-060027NG	▪	▪	300 / 20.7	300 / 20.7
2 x 1	50 x 25	60.3 x 33.7	1"	NPT	VK-ST-060034NP2	VK-ST-060034NG2	▪	▪	300 / 20.7	300 / 20.7
2-1/2 x 1/2	65 x 15	73.0 x 21.3	1/2"	NPT	VK-ST-073021NP	VK-ST-073021NG	▪	▪	300 / 20.7[1]	300 / 20.7
2-1/2 x 3/4	65 x 20	73.0 x 26.9	3/4"	NPT	VK-ST-073027NP	VK-ST-073027NG	▪	▪	300 / 20.7[1]	300 / 20.7
2-1/2 x 1	65 x 25	73.0 x 33.7	1"	NPT	VK-ST-073034NP2	VK-ST-073034NG2	▪	▪	300 / 20.7[1]	300 / 20.7
3OD x 1/2	65 x 15	76.1 x 21.3	1/2"	NPT	VK-ST-076021NP	VK-ST-076021NG	▪	▪	300 / 20.7	300 / 20.7
3OD x 3/4	65 x 20	76.1 x 26.9	3/4"	NPT	VK-ST-076027NP	VK-ST-076027NG	▪	▪	300 / 20.7	300 / 20.7
3OD x 1	65 x 25	76.1 x 33.7	1"	NPT	VK-ST-076034NP2	VK-ST-076034NG2	▪	▪	300 / 20.7	300 / 20.7

* Maximum working pressure for T3091 pipe unless otherwise stated
[1] T17395 pipe with wall thickness min. 4 mm

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Grooved Products | Gasketed Fittings | Sprinkler Tee | VK-ST

Part numbers & technical data | VK-ST | BSP

Nominal size		Pipe OD (mm)	Thread size	Thread type	Part number		Approvals		Max. working pressure (psi / bar)*	
Inch	DN				Painted red	Galvanised	UL	FM	UL	FM
1 x 1/2	25 x 15	33.7 x 21.3	DN15	BSP	VK-ST-034021BP	VK-ST-034021BG	▪	▪	300 / 20.7	300 / 20.7
1 x 3/4	25 x 20	33.7 x 26.9	DN20	BSP	VK-ST-034027BP	VK-ST-034027BG	▪	▪	300 / 20.7	300 / 20.7
1-1/4 x 1/2	32 x 15	42.4 x 21.3	DN15	BSP	VK-ST-042021BP	VK-ST-042021BG	▪	▪	300 / 20.7	300 / 20.7
1-1/4 x 3/4	32 x 20	42.4 x 26.9	DN20	BSP	VK-ST-042027BP	VK-ST-042027BG	▪	▪	300 / 20.7	300 / 20.7
1-1/4 x 1	32 x 25	42.4 x 33.7	DN25	BSP	VK-ST-042034BP2	VK-ST-042034BG2	▪	▪	300 / 20.7	300 / 20.7
1-1/2 x 1/2	40 x 15	48.3 x 21.3	DN15	BSP	VK-ST-048021BP	VK-ST-048021BG	▪	▪	300 / 20.7	300 / 20.7
1-1/2 x 3/4	40 x 20	48.3 x 26.9	DN20	BSP	VK-ST-048027BP	VK-ST-048027BG	▪	▪	300 / 20.7	300 / 20.7
1-1/2 x 1	40 x 25	48.3 x 33.7	DN25	BSP	VK-ST-048034BP2	VK-ST-048034BG2	▪	▪	300 / 20.7	300 / 20.7
2 x 1/2	50 x 15	60.3 x 21.3	DN15	BSP	VK-ST-060021BP	VK-ST-060021BG	▪	▪	300 / 20.7	300 / 20.7
2 x 3/4	50 x 20	60.3 x 26.9	DN20	BSP	VK-ST-060027BP	VK-ST-060027BG	▪	▪	300 / 20.7	300 / 20.7
2 x 1	50 x 25	60.3 x 33.7	DN25	BSP	VK-ST-060034BP2	VK-ST-060034BG2	▪	▪	300 / 20.7	300 / 20.7
2-1/2 x 1/2	65 x 15	73.0 x 21.3	DN15	BSP	VK-ST-073021BP	VK-ST-073021BG	▪	▪	300 / 20.7[1]	300 / 20.7
2-1/2 x 3/4	65 x 20	73.0 x 26.9	DN20	BSP	VK-ST-073027BP	VK-ST-073027BG	▪	▪	300 / 20.7[1]	300 / 20.7
2-1/2 x 1	65 x 25	73.0 x 33.7	DN25	BSP	VK-ST-073034BP2	VK-ST-073034BG2	▪	▪	300 / 20.7[1]	300 / 20.7
3OD x 1/2	65 x 15	76.1 x 21.3	DN15	BSP	VK-ST-076021BP	VK-ST-076021BG	▪	▪	300 / 20.7	300 / 20.7
3OD x 3/4	65 x 20	76.1 x 26.9	DN20	BSP	VK-ST-076027BP	VK-ST-076027BG	▪	▪	300 / 20.7	300 / 20.7
3OD x 1	65 x 25	76.1 x 33.7	DN25	BSP	VK-ST-076034BP2	VK-ST-076034BG2	▪	▪	300 / 20.7	300 / 20.7

* Maximum working pressure for T3091 pipe unless otherwise stated
[1] T17395 pipe with wall thickness min. 4 mm

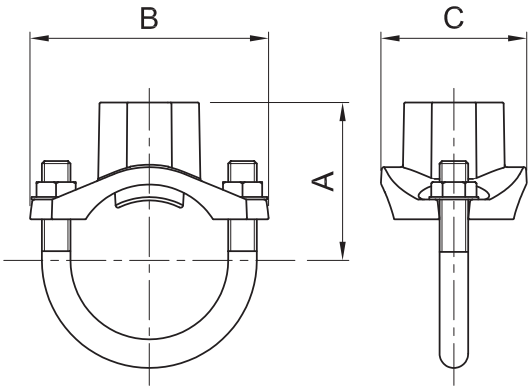
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Grooved Products | Gasketed Fittings | Sprinkler Tee | VK-ST

Dimensional drawing



Dimensions | VK-ST

Inch (D x d)	DN (D x d)	Pipe OD (mm)	A (mm)	B (mm)	C (mm)	Bolts-Nuts	Hole size (mm)	Weight (kg)
1 x 1/2	25 x 15	33.7 x 21.3	49	76	43	M10 x 25	24	0.3
1 x 3/4	25 x 20	33.7 x 26.9	58	84	43	M10 x 25	24	0.4
1-1/4 x 1/2	32 x 15	42.4 x 21.3	43	90	56	M10 x 28.5	30	0.4
1-1/4 x 3/4	32 x 20	42.4 x 26.9	45	90	56	M10 x 28.5	30	0.4
1-1/4 x 1	32 x 25	42.4 x 33.7	50	90	56	M10 x 28.5	30[1]	0.4
1-1/2 x 1/2	40 x 15	48.3 x 21.3	43	93	59	M10 x 28.5	30	0.4
1-1/2 x 3/4	40 x 20	48.3 x 26.9	54	93	59	M10 x 28.5	30	0.4
1-1/2 x 1	40 x 25	48.3 x 33.7	58	93	59	M10 x 28.5	30[1]	0.4
2 x 1/2	50 x 15	60.3 x 21.3	54	96	59	M10 x 30	30	0.4
2 x 3/4	50 x 20	60.3 x 26.9	56	96	59	M10 x 30	30	0.4
2 x 1	50 x 25	60.3 x 33.7	66	96	59	M10 x 30	30[1]	0.5
2-1/2 x 1/2	65 x 15	73.0 x 21.3	60	110	59	M10 x 30	30	0.4
2-1/2 x 3/4	65 x 20	73.0 x 26.9	63	110	59	M10 x 30	30	0.5
2-1/2 x 1	65 x 25	73.0 x 33.7	70	110	59	M10 x 30	30[1]	0.5
3OD x 1/2	65 x 15	76.1 x 21.3	61	110	59	M10 x 30	30	0.4
3OD x 3/4	65 x 20	76.1 x 26.9	67	110	59	M10 x 30	30	0.5
3OD x 1	65 x 25	76.1 x 33.7	74	110	59	M10 x 30	30[1]	0.5

[1] Part numbers ending in "2" require a 32 mm hole size; others require a 30 mm size.

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