Grooved Products | Grooved Fittings | Reducing Tee - Grooved | VK-RTG



SPECIFICATIONS	
Sizes (Nominal)	2" x 1" to 12" x 10" DN50 x DN25 to DN300 x DN250
Approvals*	UL FM APPROVED
Working pressure	12.1 bar (175 psi) to 34.5 bar (500 psi) (depending on size and approval)
Material	Ductile cast iron, ASTM A536 Grade 65-45-12
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-RTG

Nominal size		Pipe OD (mm)	Part number		Approvals		Max. working pressure (psi / bar)	
Inch	DN		Painted red	Galvanised	UL	FM	UL	FM
2 x 1	50 x 25	60.3 x 33.7	VK-RTG-060034P	VK-RTG-060034G	▪	▪	400 / 27.6	500 / 34.5
2 x 1-1/4	50 x 32	60.3 x 42.4	VK-RTG-060042P	VK-RTG-060042G	▪	▪	400 / 27.6	500 / 34.5
2 x 1-1/2	50 x 40	60.3 x 48.3	VK-RTG-060048P	VK-RTG-060048G	▪	▪	400 / 27.6	500 / 34.5
2-1/2 x 1	65 x 25	73.0 x 33.7	VK-RTG-073034P	VK-RTG-073034G	▪	▪	400 / 27.6	400 / 27.6
2-1/2 x 1-1/4	65 x 32	73.0 x 42.4	VK-RTG-073042P	VK-RTG-073042G	▪	▪	400 / 27.6	400 / 27.6
2-1/2 x 1-1/2	65 x 40	73.0 x 48.3	VK-RTG-073048P	VK-RTG-073048G	▪	▪	400 / 27.6	400 / 27.6
2-1/2 x 2	65 x 50	73.0 x 60.3	VK-RTG-073060P	VK-RTG-073060G	▪	▪	400 / 27.6	400 / 27.6
3OD x 1	65 x 25	76.1 x 33.7	VK-RTG-076034P	VK-RTG-076034G	▪	▪	400 / 27.6	500 / 34.5
3OD x 1-1/4	65 x 32	76.1 x 42.4	VK-RTG-076042P	VK-RTG-076042G	▪	▪	400 / 27.6	500 / 34.5
3OD x 1-1/2	65 x 40	76.1 x 48.3	VK-RTG-076048P	VK-RTG-076048G	▪	▪	400 / 27.6	500 / 34.5
3OD x 2	65 x 50	76.1 x 60.3	VK-RTG-076060P	VK-RTG-076060G	▪	-	232 / 16.0	-
3 x 1	80 x 25	88.9 x 33.7	VK-RTG-089034P	VK-RTG-089034G	▪	▪	400 / 27.6	500 / 34.5
3 x 1-1/4	80 x 32	88.9 x 42.4	VK-RTG-089042P	VK-RTG-089042G	▪	▪	400 / 27.6	500 / 34.5
3 x 1-1/2	80 x 40	88.9 x 48.3	VK-RTG-089048P	VK-RTG-089048G	▪	▪	400 / 27.6	500 / 34.5
3 x 2	80 x 50	88.9 x 60.3	VK-RTG-089060P	VK-RTG-089060G	▪	▪	400 / 27.6	500 / 34.5
3 x 2-1/2	80 x 65	88.9 x 73.0	VK-RTG-089073P	VK-RTG-089073G	▪	▪	400 / 27.6	400 / 27.6
3 x 3OD	80 x 65	88.9 x 76.1	VK-RTG-089076P	VK-RTG-089076G	▪	▪	232 / 16.0	232 / 16.0
4 x 1	100 x 25	114.3 x 33.7	VK-RTG-114034P	VK-RTG-114034G	▪	▪	400 / 27.6	500 / 34.5
4 x 1-1/4	100 x 32	114.3 x 42.4	VK-RTG-114042P	VK-RTG-114042G	▪	▪	400 / 27.6	500 / 34.5
4 x 1-1/2	100 x 40	114.3 x 48.3	VK-RTG-114048P	VK-RTG-114048G	▪	▪	400 / 27.6	500 / 34.5
4 x 2	100 x 50	114.3 x 60.3	VK-RTG-114060P	VK-RTG-114060G	▪	▪	400 / 27.6	500 / 34.5

Table continued on next page

Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name.
The contents of this publication are subject to modifications without notice. All rights reserved.
Fireking™ is a trademark of The Viking Corporation.

Trusted above all.

Viking S.A. *(ed.)* | 21, Z.I. Haneboesch | L-4562 Differdange/Niederkorn | Luxembourg | vikinglux@viking-emea.com | www.viking-emea.com

Grooved Products | Grooved Fittings | Reducing Tee - Grooved | VK-RTG

Part numbers & technical data | VK-RTG (continued)

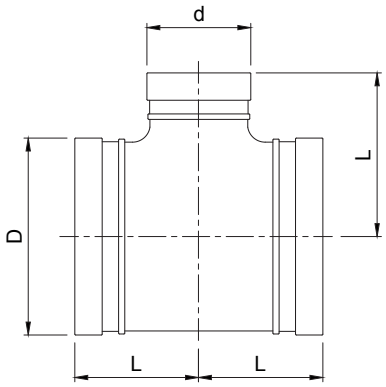
Nominal size		Pipe OD (mm)	Part number		Approvals		Max. working pressure (psi / bar)	
Inch	DN		Painted red	Galvanised	UL	FM	UL	FM
4 x 2-1/2	100 x 65	114.3 x 73.0	VK-RTG-114073P	VK-RTG-114073G	▪	▪	400 / 27.6	400 / 27.6
4 x 3OD	100 x 65	114.3 x 76.1	VK-RTG-114076P	VK-RTG-114076G	▪	▪	400 / 27.6	500 / 34.5
4 x 3	100 x 80	114.3 x 88.9	VK-RTG-114089P	VK-RTG-114089G	▪	▪	400 / 27.6	500 / 34.5
5-1/2OD x 1	125 x 25	139.7 x 33.7	VK-RTG-139034P	VK-RTG-139034G	▪	▪	300 / 20.7	400 / 27.6
5-1/2OD x 1-1/4	125 x 32	139.7 x 42.4	VK-RTG-139042P	VK-RTG-139042G	▪	▪	300 / 20.7	400 / 27.6
5-1/2OD x 1-1/2	125 x 40	139.7 x 48.3	VK-RTG-139048P	VK-RTG-139048G	▪	▪	300 / 20.7	400 / 27.6
5-1/2OD x 2	125 x 50	139.7 x 60.3	VK-RTG-139060P	VK-RTG-139060G	▪	▪	300 / 20.7	400 / 27.6
5-1/2OD x 3OD	125 x 65	139.7 x 76.1	VK-RTG-139076P	VK-RTG-139076G	▪	▪	300 / 20.7	400 / 27.6
5-1/2OD x 3	125 x 80	139.7 x 88.9	VK-RTG-139089P	VK-RTG-139089G	▪	▪	300 / 20.7	400 / 27.6
5-1/2OD x 4	125 x 100	139.7 x 114.3	VK-RTG-139114P	VK-RTG-139114G	-	▪	-	232 / 16.0
5 x 2	125 x 50	141.3 x 60.3	VK-RTG-141060P	VK-RTG-141060G	▪	-	232 / 16.0	-
5 x 3OD	125 x 65	141.3 x 76.1	VK-RTG-141076P	VK-RTG-141076G	▪	-	232 / 16.0	-
5 x 3	125 x 80	141.3 x 88.9	VK-RTG-141089P	VK-RTG-141089G	▪	-	232 / 16.0	-
6-1/2OD x 1	150 x 25	165.1 x 33.7	VK-RTG-165034P	VK-RTG-165034G	▪	▪	300 / 20.7	400 / 27.6
6-1/2OD x 1-1/4	150 x 32	165.1 x 42.4	VK-RTG-165042P	VK-RTG-165042G	▪	▪	300 / 20.7	400 / 27.6
6-1/2OD x 1-1/2	150 x 40	165.1 x 48.3	VK-RTG-165048P	VK-RTG-165048G	▪	▪	300 / 20.7	400 / 27.6
6-1/2OD x 2	150 x 50	165.1 x 60.3	VK-RTG-165060P	VK-RTG-165060G	▪	▪	300 / 20.7	400 / 27.6
6-1/2OD x 3OD	150 x 65	165.1 x 76.1	VK-RTG-165076P	VK-RTG-165076G	▪	▪	300 / 20.7	400 / 27.6
6-1/2OD x 3	150 x 80	165.1 x 88.9	VK-RTG-165089P	VK-RTG-165089G	▪	▪	300 / 20.7	400 / 27.6
6-1/2OD x 4	150 x 100	165.1 x 114.3	VK-RTG-165114P	VK-RTG-165114G	▪	▪	300 / 20.7	400 / 27.6
6-1/2OD x 5-1/2OD	150 x 125	165.1 x 139.7	VK-RTG-165139P	VK-RTG-165139G	-	▪	-	232 / 16.0
6 x 1	150 x 25	168.3 x 33.7	VK-RTG-168034P	VK-RTG-168034G	▪	▪	300 / 20.7	400 / 27.6
6 x 1-1/4	150 x 32	168.3 x 42.4	VK-RTG-168042P	VK-RTG-168042G	▪	▪	300 / 20.7	400 / 27.6
6 x 1-1/2	150 x 40	168.3 x 48.3	VK-RTG-168048P	VK-RTG-168048G	▪	▪	300 / 20.7	400 / 27.6
6 x 2	150 x 50	168.3 x 60.3	VK-RTG-168060P	VK-RTG-168060G	▪	▪	300 / 20.7	400 / 27.6
6 x 3OD	150 x 65	168.3 x 76.1	VK-RTG-168076P	VK-RTG-168076G	▪	▪	300 / 20.7	400 / 27.6
6 x 3	150 x 80	168.3 x 88.9	VK-RTG-168089P	VK-RTG-168089G	▪	▪	300 / 20.7	400 / 27.6
6 x 4	150 x 100	168.3 x 114.3	VK-RTG-168114P	VK-RTG-168114G	▪	▪	300 / 20.7	400 / 27.6
8 x 3OD	200 x 65	219.1 x 76.1	VK-RTG-219076P	VK-RTG-219076G	▪	-	232 / 16.0	-
8 x 3	200 x 80	219.1 x 88.9	VK-RTG-219089P	VK-RTG-219089G	▪	-	232 / 16.0	-
8 x 4	200 x 100	219.1 x 114.3	VK-RTG-219114P	VK-RTG-219114G	▪	▪	300 / 20.7	300 / 20.7
8 x 5	200 x 125	219.1 x 141.3	VK-RTG-219141P	VK-RTG-219141G	▪	-	232 / 16.0	-
8 x 6-1/2OD	200 x 150	219.1 x 165.1	VK-RTG-219165P	VK-RTG-219165G	▪	-	300 / 20.7	-
8 x 6	200 x 150	219.1 x 168.3	VK-RTG-219168P	VK-RTG-219168G	▪	▪	300 / 20.7	300 / 20.7
10 x 6	250 x 150	273.0 x 168.3	VK-RTG-273168P	VK-RTG-273168G	▪	▪	300 / 20.7	300 / 20.7
10 x 8	250 x 200	273.0 x 219.1	VK-RTG-273219P	VK-RTG-273219G	▪	▪	300 / 20.7	300 / 20.7
12 x 4	300 x 100	323.9 x 114.3	VK-RTG-324114P	VK-RTG-324114G	▪	▪	300 / 20.7	300 / 20.7
12 x 6	300 x 150	323.9 x 168.3	VK-RTG-324168P	VK-RTG-324168G	▪	▪	300 / 20.7	300 / 20.7
12 x 8	300 x 200	323.9 x 219.1	VK-RTG-324219P	VK-RTG-324219G	▪	▪	300 / 20.7	300 / 20.7
12 x 10	300 x 250	323.9 x 273.0	VK-RTG-324273P	VK-RTG-324273G	▪	▪	300 / 20.7	300 / 20.7

Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name.
The contents of this publication are subject to modifications without notice. All rights reserved.
Fireking™ is a trademark of The Viking Corporation.

Viking S.A. *(ed.)* | 21, Z.I. Haneboesch | L-4562 Differdange/Niederkorn | Luxembourg | vikinglux@viking-emea.com | www.viking-emea.com

Grooved Products | Grooved Fittings | Reducing Tee - Grooved | VK-RTG

Dimensional drawing



Dimensions | VK-RTG

Inch (D x d)	DN (D x d)	Pipe OD (mm)	L (mm)	Weight (kg)
2 x 1	50 x 25	60.3 x 33.7	70.0	0.8
2 x 1-1/4	50 x 32	60.3 x 42.4	70.0	0.9
2 x 1-1/2	50 x 40	60.3 x 48.3	70.0	0.9
2-1/2 x 1	65 x 25	73.0 x 33.7	76.0	1.1
2-1/2 x 1-1/4	65 x 32	73.0 x 42.4	76.0	1.1
2-1/2 x 1-1/2	65 x 40	73.0 x 48.3	76.0	1.0
2-1/2 x 2	65 x 50	73.0 x 60.3	76.0	1.1
3OD x 1	65 x 25	76.1 x 33.7	76.0	1.1
3OD x 1-1/4	65 x 32	76.1 x 42.4	76.0	1.2
3OD x 1-1/2	65 x 40	76.1 x 48.3	76.0	1.2
3OD x 2	65 x 50	76.1 x 60.3	76.0	1.2
3 x 1	80 x 25	88.9 x 33.7	86.0	1.8
3 x 1-1/4	80 x 32	88.9 x 42.4	86.0	1.6
3 x 1-1/2	80 x 40	88.9 x 48.3	86.0	1.7
3 x 2	80 x 50	88.9 x 60.3	86.0	1.7
3 x 2-1/2	80 x 65	88.9 x 73.0	86.0	1.7
3 x 3OD	80 x 65	88.9 x 76.1	86.0	1.6
4 x 1	100 x 25	114.3 x 33.7	101.5	2.3
4 x 1-1/4	100 x 32	114.3 x 42.4	101.5	2.3
4 x 1-1/2	100 x 40	114.3 x 48.3	101.5	2.3
4 x 2	100 x 50	114.3 x 60.3	101.5	2.5
4 x 2-1/2	100 x 65	114.3 x 73.0	101.5	2.8
4 x 3OD	100 x 65	114.3 x 76.1	101.5	2.5
4 x 3	100 x 80	114.3 x 88.9	101.5	2.5
5-1/2OD x 1	125 x 25	139.7 x 33.7	122.0	3.5
5-1/2OD x 1-1/4	125 x 32	139.7 x 42.4	122.0	3.6
5-1/2OD x 1-1/2	125 x 40	139.7 x 48.3	122.0	3.7
5-1/2OD x 2	125 x 50	139.7 x 60.3	122.0	3.8
5-1/2OD x 3OD	125 x 65	139.7 x 76.1	122.0	4.0
5-1/2OD x 3	125 x 80	139.7 x 88.9	122.0	3.8
5-1/2OD x 4	125 x 100	139.7 x 114.3	122.0	4.4

Table continued on next page

Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name.
The contents of this publication are subject to modifications without notice. All rights reserved.
Fireking™ is a trademark of The Viking Corporation.

Trusted above all.

Viking S.A. *(ed.)* | 21, Z.I. Haneboesch | L-4562 Differdange/Niederkorn | Luxembourg | vikinglux@viking-emea.com | www.viking-emea.com

Grooved Products | Grooved Fittings | Reducing Tee - Grooved | VK-RTG

Dimensions | VK-RTG (*continued*)

Inch (D x d)	DN (D x d)	Pipe OD (mm)	L (mm)	Weight (kg)
5 x 2	125 x 50	141.3 x 60.3	122	3.8
5 x 3OD	125 x 65	141.3 x 76.1	122	3.9
5 x 3	125 x 80	141.3 x 88.9	122	3.9
6-1/2OD x 1	150 x 25	165.1 x 33.7	140	5.2
6-1/2OD x 1-1/4	150 x 32	165.1 x 42.4	140	5.3
6-1/2OD x 1-1/2	150 x 40	165.1 x 48.3	140	5.4
6-1/2OD x 2	150 x 50	165.1 x 60.3	140	5.7
6-1/2OD x 3OD	150 x 65	165.1 x 76.1	140	6.3
6-1/2OD x 3	150 x 80	165.1 x 88.9	140	5.7
6-1/2OD x 4	150 x 100	165.1 x 114.3	140	5.8
6-1/2OD x 5-1/2OD	150 x 125	165.1 x 139.7	140	6.1
6 x 1	150 x 25	168.3 x 33.7	140	5.4
6 x 1-1/4	150 x 32	168.3 x 42.4	140	5.5
6 x 1-1/2	150 x 40	168.3 x 48.3	140	5.7
6 x 2	150 x 50	168.3 x 60.3	140	6.3
6 x 3OD	150 x 65	168.3 x 76.1	140	6.5
6 x 3	150 x 80	168.3 x 88.9	140	5.9
6 x 4	150 x 100	168.3 x 114.3	140	5.9
8 x 3OD	200 x 65	219.1 x 76.1	175	10.0
8 x 3	200 x 80	219.1 x 88.9	175	11.1
8 x 4	200 x 100	219.1 x 114.3	175	11.1
8 x 5	200 x 125	219.1 x 141.3	175	11.0
8 x 6-1/2OD	200 x 150	219.1 x 165.1	175	11.9
8 x 6	200 x 150	219.1 x 168.3	175	11.7
10 x 6	250 x 150	273.0 x 168.3	215	28.0
10 x 8	250 x 200	273.0 x 219.1	215	28.0
12 x 4	300 x 100	323.9 x 114.3	245	27.0
12 x 6	300 x 150	323.9 x 168.3	245	27.0
12 x 8	300 x 200	323.9 x 219.1	245	28.0
12 x 10	300 x 250	323.9 x 273	245	28.0

Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name.
The contents of this publication are subject to modifications without notice. All rights reserved.
Fireking™ is a trademark of The Viking Corporation.

Viking S.A. *(ed.)* | 21, Z.I. Haneboesch | L-4562 Differdange/Niederkorn | Luxembourg | vikinglux@viking-emea.com | www.viking-emea.com