

## Grooved Products



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# Introduction to Grooved Products

Viking is renowned for the development, manufacturing, sales and distribution of excellent fire protection technologies and has been a dependable partner in fire protection for many decades.

The broad product portfolio encompasses innovative and proven system components for water, foam and gas extinguishing systems as well as fire detection systems and is a reflection of Viking's unwavering focus on providing customers with the finest products and highest level of support.

Through Viking's dedicated and knowledgeable customer service, installers of fixed fire protection systems have access to those quality products and can place their trust in the professional and dedicated support services provided by Viking employees. From the smallest project to the largest endeavour, Viking is their single-point partner with the goal to provide the right material whenever and wherever needed.

Viking is passionate about fire protection and committed to the growth of the fixed fire protection industry. As Viking is completely focused and dedicated to this market, customers can have confidence that Viking has the expertise that they need to be successful. They can count on Viking's resources and technical expertise to help them whenever they have a challenge to overcome. And they can be sure to find the right product or solution for their project with the necessary approval or accreditation.

This quick reference guide provides an overview of Viking's comprehensive range of grooved products. Besides access to those products, customers benefit from a market leading technical support team across Europe and the Middle East, which also holds regular technical training courses on water, foam, gas and detection systems, products and maintenance.

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# Grooved Couplings

## Rigid coupling



- From 33.7 mm to 323.9 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



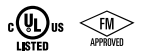
Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
33.7	34.5	34.5	▪	▪	VK-RC-034	VK-RC-034G
42.4	34.5	34.5	▪	▪	VK-RC-042	VK-RC-042G
48.3	34.5	34.5	▪	▪	VK-RC-048	VK-RC-048G
60.3	34.5	34.5	▪	▪	VK-RC-060	VK-RC-060G
73.0	34.5	34.5	▪	▪	VK-RC-073	VK-RC-073G
76.1	20.7	20.7	▪	▪	VK-RC-076	VK-RC-076G
88.9	34.5	34.5	▪	▪	VK-RC-089	VK-RC-089G
108.0	20.7	20.7	▪	▪	VK-RC-108	VK-RC-108G
114.3	34.5	34.5	▪	▪	VK-RC-114	VK-RC-114G
133.0	20.7	20.7	▪	▪	VK-RC-133	VK-RC-133G

Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
139.7	20.7	20.7	▪	▪	VK-RC-139	VK-RC-139G
141.3	20.7	20.7	▪	▪	VK-RC-141	VK-RC-141G
159.0	20.7	20.7	▪	▪	VK-RC-159	VK-RC-159G
165.1	20.7	20.7	▪	▪	VK-RC-165	VK-RC-165G
168.3	20.7	20.7	▪	▪	VK-RC-168	VK-RC-168G
216.4	20.7	-	▪	-	VK-RC-216	VK-RC-216G
219.1	20.7	20.7	▪	▪	VK-RC-219	VK-RC-219G
273.0	20.7	20.7	▪	▪	VK-RC-273	VK-RC-273G
323.9	20.7	20.7	▪	▪	VK-RC-324	VK-RC-324G

## Flexible coupling



- From 33.7 mm to 323.9 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
33.7	34.5	34.5	▪	▪	VK-FC-034	VK-FC-034G
42.4	34.5	34.5	▪	▪	VK-FC-042	VK-FC-042G
48.3	34.5	34.5	▪	▪	VK-FC-048	VK-FC-048G
60.3	34.5	34.5	▪	▪	VK-FC-060	VK-FC-060G
73.0	34.5	34.5	▪	▪	VK-FC-073	VK-FC-073G
76.1	20.7	20.7	▪	▪	VK-FC-076	VK-FC-076G
88.9	34.5	34.5	▪	▪	VK-FC-089	VK-FC-089G
108.0	20.7	20.7	▪	▪	VK-FC-108	VK-FC-108G
114.3	20.7	20.7	▪	▪	VK-FC-114	VK-FC-114G
133.0	20.7	20.7	▪	▪	VK-FC-133	VK-FC-133G
139.7	20.7	20.7	▪	▪	VK-FC-139	VK-FC-139G

Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
141.3	20.7	20.7	▪	▪	VK-FC-141	VK-FC-141G
159.0	20.7	20.7	▪	▪	VK-FC-159	VK-FC-159G
165.1	20.7	20.7	▪	▪	VK-FC-165	VK-FC-165G
168.3	20.7	20.7	▪	▪	VK-FC-168	VK-FC-168G
216.3	20.7	-	▪	-	VK-FC-216	VK-FC-216G
219.1	20.7	20.7	▪	▪	VK-FC-219	VK-FC-219G
267.4	20.7	-	▪	-	VK-FC-267	VK-FC-267G
273.0	20.7	20.7	▪	▪	VK-FC-273	VK-FC-273G
318.5	20.7	-	▪	▪	VK-FC-318	VK-FC-318G
323.9	20.7	20.7	▪	▪	VK-FC-324	VK-FC-324G

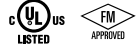


# Grooved Couplings

## Heavy-duty flexible coupling



- From 60.7 mm to 323.9 mm
- UL, FM approvals
- Available in red paint & galvanised

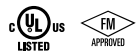


Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
60.3	34.5	34.5	▪	▪	VK-FCH-060	VK-FCH-060G
88.9	34.5	34.5	▪	▪	VK-FCH-089	VK-FCH-089G
114.3	34.5	34.5	▪	▪	VK-FCH-114	VK-FCH-114G
168.3	34.5	34.5	▪	▪	VK-FCH-168	VK-FCH-168G
219.1	27.6	27.6	▪	▪	VK-FCH-219	VK-FCH-219G
273	27.6	27.6	▪	▪	VK-FCH-273	VK-FCH-273G
323.9	27.6	27.6	▪	▪	VK-FCH-324	VK-FCH-324G

## Reducing coupling



- From 60.3 mm x 48.3 mm to 219.1 mm x 168.3 mm
- UL, FM approvals
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number		Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized		UL	FM	UL	FM	Red	Galvanized
60.3x48.3	20.7	20.7	▪	▪	VK-DC-060048	VK-DC-060048G	114.3x48.3	20.7	20.7	▪	▪	VK-DC-114048	VK-DC-114048G
73.0x48.3	20.7	20.7	▪	▪	VK-DC-073048	VK-DC-073048G	114.3x60.3	20.7	20.7	▪	▪	VK-DC-114060	VK-DC-114060G
73.0x60.3	20.7	20.7	▪	▪	VK-DC-073060	VK-DC-073060G	114.3x73.0	20.7	20.7	▪	▪	VK-DC-114073	VK-DC-114073G
76.1x48.3	20.7	20.7	▪	▪	VK-DC-076048	VK-DC-076048G	114.3x76.1	20.7	20.7	▪	▪	VK-DC-114076	VK-DC-114076G
76.1x60.3	20.7	20.7	▪	▪	VK-DC-076060	VK-DC-076060G	114.3x88.9	20.7	20.7	▪	▪	VK-DC-114089	VK-DC-114089G
88.9x48.3	20.7	20.7	▪	▪	VK-DC-089048	VK-DC-089048G	168.3x88.9	20.7	20.7	▪	▪	VK-DC-168089	VK-DC-168089G
88.9x60.3	20.7	20.7	▪	▪	VK-DC-089060	VK-DC-089060G	168.3x114.3	20.7	20.7	▪	▪	VK-DC-168114	VK-DC-168114G
88.9x73.0	20.7	20.7	▪	▪	VK-DC-089073	VK-DC-089073G	219.1x168.3	20.7	20.7	▪	▪	VK-DC-219168	VK-DC-219168G
88.9x76.1	20.7	20.7	▪	▪	VK-DC-089076	VK-DC-089076G							



# Grooved Fittings

## Elbow 90°



- From 33.7 mm to 323.9 mm
- UL, FM approvals
- Available in red paint & galvanised



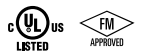
Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
33.7	27.6	34.5	▪	▪	VK-E90-034	VK-E90-034G
42.4	27.6	34.5	▪	▪	VK-E90-042	VK-E90-042G
48.3	27.6	34.5	▪	▪	VK-E90-048	VK-E90-048G
60.3	27.6	34.5	▪	▪	VK-E90-060	VK-E90-060G
73.0	27.6	34.5	▪	▪	VK-E90-073	VK-E90-073G
76.1	27.6	34.5	▪	▪	VK-E90-076	VK-E90-076G
88.9	27.6	34.5	▪	▪	VK-E90-089	VK-E90-089G
108.0	27.6	34.5	▪	▪	VK-E90-108	VK-E90-108G
114.3	27.6	34.5	▪	▪	VK-E90-114	VK-E90-114G
133.0	20.7	27.6	▪	▪	VK-E90-133	VK-E90-133G

Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
139.7	20.7	27.6	▪	▪	VK-E90-139	VK-E90-139G
141.3	20.7	27.6	▪	▪	VK-E90-141	VK-E90-141G
159.0	20.7	27.6	▪	▪	VK-E90-159	VK-E90-159G
165.1	20.7	27.6	▪	▪	VK-E90-165	VK-E90-165G
168.3	20.7	27.6	▪	▪	VK-E90-168	VK-E90-168G
219.1	20.7	20.7	▪	▪	VK-E90-219	VK-E90-219G
273.0	20.7	20.7	▪	▪	VK-E90-273	VK-E90-273G
323.9	20.7	20.7	▪	▪	VK-E90-324	VK-E90-324G
114.3 (long radius)	27.6	34.5	▪	▪	VK-E90-114LR	VK-E90-114LRG

## Elbow 45°



- From 33.7 mm to 323.9 mm
- UL, FM approvals
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
33.7	27.6	34.5	▪	▪	VK-E45-034	VK-E45-034G
42.4	27.6	34.5	▪	▪	VK-E45-042	VK-E45-042G
48.3	27.6	34.5	▪	▪	VK-E45-048	VK-E45-048G
60.3	27.6	34.5	▪	▪	VK-E45-060	VK-E45-060G
73.0	27.6	34.5	▪	▪	VK-E45-073	VK-E45-073G
76.1	27.6	34.5	▪	▪	VK-E45-076	VK-E45-076G
88.9	27.6	34.5	▪	▪	VK-E45-089	VK-E45-089G
108.0	27.6	34.5	▪	▪	VK-E45-108	VK-E45-108G
114.3	27.6	34.5	▪	▪	VK-E45-114	VK-E45-114G

Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
133.0	20.7	27.6	▪	▪	VK-E45-133	VK-E45-133G
139.7	20.7	27.6	▪	▪	VK-E45-139	VK-E45-139G
141.3	20.7	27.6	▪	▪	VK-E45-141	VK-E45-141G
159.0	20.7	27.6	▪	▪	VK-E45-159	VK-E45-159G
165.1	20.7	27.6	▪	▪	VK-E45-165	VK-E45-165G
168.3	20.7	27.6	▪	▪	VK-E45-168	VK-E45-168G
219.1	20.7	20.7	▪	▪	VK-E45-219	VK-E45-219G
273.0	20.7	20.7	▪	▪	VK-E45-273	VK-E45-273G
323.9	20.7	20.7	▪	▪	VK-E45-324	VK-E45-324G

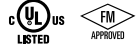


# Grooved Fittings

## Elbow 22.5°



- From 33.7 mm to 323.9 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised

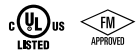


Size (mm)	Max. working pressure (bar)		Approvals		Part Number		Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized		UL	FM	UL	FM	Red	Galvanized
33.7	27.6	27.6	▪	▪	VK-E22-034	VK-E22-034G	133.0	-	20.7	-	▪	VK-E22-133	VK-E22-133G
42.4	27.6	27.6	▪	▪	VK-E22-042	VK-E22-042G	139.7	20.7	20.7	▪	▪	VK-E22-139	VK-E22-139G
48.3	27.6	27.6	▪	▪	VK-E22-048	VK-E22-048G	141.3	20.7	20.7	▪	▪	VK-E22-141	VK-E22-141G
60.3	27.6	27.6	▪	▪	VK-E22-060	VK-E22-060G	159.0	20.7	20.7	▪	▪	VK-E22-159	VK-E22-159G
73.0	27.6	27.6	▪	▪	VK-E22-073	VK-E22-073G	165.1	20.7	20.7	▪	▪	VK-E22-165	VK-E22-165G
76.1	27.6	27.6	▪	▪	VK-E22-076	VK-E22-076G	168.3	20.7	20.7	▪	▪	VK-E22-168	VK-E22-168G
88.9	27.6	27.6	▪	▪	VK-E22-089	VK-E22-089G	219.1	20.7	20.7	▪	▪	VK-E22-219	VK-E22-219G
108.0	27.6	27.6	▪	▪	VK-E22-108	VK-E22-108G	273.0	20.7	20.7	▪	▪	VK-E22-273	VK-E22-273G
114.3	27.6	27.6	▪	▪	VK-E22-114	VK-E22-114G	323.9	20.7	20.7	▪	▪	VK-E22-324	VK-E22-324G

## Elbow 11.25°



- From 33.7 mm to 323.9 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number		Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized		UL	FM	UL	FM	Red	Galvanized
33.7	27.6	27.6	▪	▪	VK-E11-034	VK-E11-034G	133.0	-	20.7	-	▪	VK-E11-133	VK-E11-133G
42.4	27.6	27.6	▪	▪	VK-E11-042	VK-E11-042G	139.7	20.7	20.7	▪	▪	VK-E11-139	VK-E11-139G
48.3	27.6	27.6	▪	▪	VK-E11-048	VK-E11-048G	141.3	20.7	20.7	▪	▪	VK-E11-141	VK-E11-141G
60.3	27.6	27.6	▪	▪	VK-E11-060	VK-E11-060G	159.0	20.7	20.7	▪	▪	VK-E11-159	VK-E11-159G
73.0	27.6	27.6	▪	▪	VK-E11-073	VK-E11-073G	165.1	20.7	20.7	▪	▪	VK-E11-165	VK-E11-165G
76.1	27.6	27.6	▪	▪	VK-E11-076	VK-E11-076G	168.3	20.7	20.7	▪	▪	VK-E11-168	VK-E11-168G
88.9	27.6	27.6	▪	▪	VK-E11-089	VK-E11-089G	219.1	20.7	20.7	▪	▪	VK-E11-219	VK-E11-219G
108.0	27.6	27.6	▪	▪	VK-E11-073	VK-E11-073G	273.0	20.7	20.7	▪	▪	VK-E11-273	VK-E11-273G
114.3	27.6	27.6	▪	▪	VK-E11-114	VK-E11-114G	323.9	20.7	20.7	▪	▪	VK-E11-324	VK-E11-324G



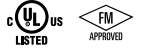


# Grooved Fittings

## Equal tee



- From 33.7 mm to 323.9 mm
- UL, FM approvals
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number		Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized		UL	FM	UL	FM	Red	Galvanized
33.7	27.6	34.5	▪	▪	VK-ET-034	VK-ET-034G	133.0	20.7	27.6	▪	▪	VK-ET-133	VK-ET-133G
42.4	27.6	34.5	▪	▪	VK-ET-042	VK-ET-042G	139.7	20.7	27.6	▪	▪	VK-ET-139	VK-ET-139G
48.3	27.6	34.5	▪	▪	VK-ET-048	VK-ET-048G	141.3	20.7	27.6	▪	▪	VK-ET-141	VK-ET-141G
60.3	27.6	34.5	▪	▪	VK-ET-060	VK-ET-060G	159.0	20.7	27.6	▪	▪	VK-ET-159	VK-ET-159G
73.0	27.6	34.5	▪	▪	VK-ET-073	VK-ET-073G	165.1	20.7	27.6	▪	▪	VK-ET-165	VK-ET-165G
76.1	27.6	34.5	▪	▪	VK-ET-076	VK-ET-076G	168.3	20.7	27.6	▪	▪	VK-ET-168	VK-ET-168G
88.9	27.6	34.5	▪	▪	VK-ET-089	VK-ET-089G	219.1	20.7	20.7	▪	▪	VK-ET-219	VK-ET-219G
108.0	27.6	34.5	▪	▪	VK-ET-108	VK-ET-108G	273.0	20.7	20.7	▪	▪	VK-ET-273	VK-ET-273G
114.3	27.6	34.5	▪	▪	VK-ET-114	VK-ET-114G	323.9	20.7	20.7	▪	▪	VK-ET-324	VK-ET-324G

## Cross



- From 33.7 mm to 323.9 mm
- UL, FM approvals
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number		Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized		UL	FM	UL	FM	Red	Galvanized
33.7	27.6	34.5	▪	▪	VK-CX-034	VK-CX-034G	133	20.7	27.6	▪	▪	VK-CX-133	VK-CX-133G
42.4	27.6	34.5	▪	▪	VK-CX-042	VK-CX-042G	139.7	20.7	27.6	▪	▪	VK-CX-139	VK-CX-139G
48.3	27.6	34.5	▪	▪	VK-CX-048	VK-CX-048G	141.3	20.7	27.6	▪	▪	VK-CX-141	VK-CX-141G
60.3	27.6	34.5	▪	▪	VK-CX-060	VK-CX-060G	159	20.7	27.6	▪	▪	VK-CX-159	VK-CX-159G
73.0	27.6	34.5	▪	▪	VK-CX-073	VK-CX-073G	165.1	20.7	27.6	▪	▪	VK-CX-165	VK-CX-165G
76.1	27.6	34.5	▪	▪	VK-CX-076	VK-CX-076G	168.3	20.7	27.6	▪	▪	VK-CX-168	VK-CX-168G
88.9	27.6	34.5	▪	▪	VK-CX-089	VK-CX-089G	219.1	20.7	20.7	▪	▪	VK-CX-219	VK-CX-219G
108.0	27.6	34.5	▪	▪	VK-CX-108	VK-CX-108G	273	20.7	20.7	▪	▪	VK-CX-273	VK-CX-273G
114.3	27.6	34.5	▪	▪	VK-CX-114	VK-CX-114G	323.9	20.7	20.7	▪	▪	VK-CX-324	VK-CX-324G



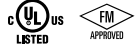


# Grooved Fittings

## Reducing tee



- From 60.3 mm x 33.7 mm to 323.9 mm x 273 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
60.3 x 33.7	27.6	34.5	▪	▪	VK-RTG-060034	VK-RTG-060034G
60.3 x 42.4	27.6	34.5	▪	▪	VK-RTG-060042	VK-RTG-060042G
60.3 x 48.3	27.6	34.5	▪	▪	VK-RTG-060048	VK-RTG-060048G
73 x 33.7	27.6	27.6	▪	▪	VK-RTG-073034	VK-RTG-073034G
73 x 42.4	27.6	27.6	▪	▪	VK-RTG-073042	VK-RTG-073042G
73 x 48.3	27.6	27.6	▪	▪	VK-RTG-073048	VK-RTG-073048G
73 x 60.3	27.6	27.6	▪	▪	VK-RTG-073060	VK-RTG-073060G
76.1 x 33.7	27.6	34.5	▪	▪	VK-RTG-076034	VK-RTG-076034G
76.1 x 42.4	27.6	34.5	▪	▪	VK-RTG-076042	VK-RTG-076042G
76.1 x 48.3	27.6	34.5	▪	▪	VK-RTG-076048	VK-RTG-076048G
76.1 x 60.3	16.0	-	▪	-	VK-RTG-076060	VK-RTG-076060G
88.9 x 33.7	27.6	34.5	▪	▪	VK-RTG-089034	VK-RTG-089034G
88.9 x 42.4	27.6	34.5	▪	▪	VK-RTG-089042	VK-RTG-089042G
88.9 x 48.3	27.6	34.5	▪	▪	VK-RTG-089048	VK-RTG-089048G
88.9 x 60.3	27.6	34.5	▪	▪	VK-RTG-089060	VK-RTG-089060G
88.9 x 73	27.6	27.6	▪	▪	VK-RTG-089073	VK-RTG-089073G
88.9 x 76.1	16.0	16.0	▪	▪	VK-RTG-089076	VK-RTG-089076G
114.3 x 33.7	27.6	34.5	▪	▪	VK-RTG-114034	VK-RTG-114034G
114.3 x 42.4	27.6	34.5	▪	▪	VK-RTG-114042	VK-RTG-114042G
114.3 x 48.3	27.6	34.5	▪	▪	VK-RTG-114048	VK-RTG-114048G
114.3 x 60.3	27.6	34.5	▪	▪	VK-RTG-114060	VK-RTG-114060G
114.3 x 73	27.6	27.6	▪	▪	VK-RTG-114073	VK-RTG-114073G
114.3 x 76.1	27.6	34.5	▪	▪	VK-RTG-114076	VK-RTG-114076G
114.3 x 88.9	27.6	34.5	▪	▪	VK-RTG-114089	VK-RTG-114089G
139.7 x 33.7	20.7	27.6	▪	▪	VK-RTG-139034	VK-RTG-139034G
139.7 x 42.4	20.7	27.6	▪	▪	VK-RTG-139042	VK-RTG-139042G
139.7 x 48.3	20.7	27.6	▪	▪	VK-RTG-139048	VK-RTG-139048G
139.7 x 60.3	20.7	27.6	▪	▪	VK-RTG-139060	VK-RTG-139060G
139.7 x 76.1	20.7	27.6	▪	▪	VK-RTG-139076	VK-RTG-139076G
139.7 x 88.9	20.7	27.6	▪	▪	VK-RTG-139089	VK-RTG-139089G
139.7 x 114.3	-	16.0	-	▪	VK-RTG-139114	VK-RTG-139114G
141.3 x 60.3	16.0	-	▪	-	VK-RTG-141060	VK-RTG-141060G
141.3 x 76.1	16.0	-	▪	-	VK-RTG-141076	VK-RTG-141076G
141.3 x 88.9	16.0	-	▪	-	VK-RTG-141089	VK-RTG-141089G
165.1 x 33.7	20.7	27.6	▪	▪	VK-RTG-165034	VK-RTG-165034G
165.1 x 42.4	20.7	27.6	▪	▪	VK-RTG-165042	VK-RTG-165042G
165.1 x 48.3	20.7	27.6	▪	▪	VK-RTG-165048	VK-RTG-165048G
165.1 x 60.3	20.7	27.6	▪	▪	VK-RTG-165060	VK-RTG-165060G
165.1 x 76.1	20.7	27.6	▪	▪	VK-RTG-165076	VK-RTG-165076G



# Grooved Fittings

## Reducing tee (cont.)

Size (mm x DN)	Ma x . working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
165.1 x 88.9	20.7	27.6	▪	▪	VK-RTG-165089	VK-RTG-165089G
165.1 x 114.3	20.7	27.6	▪	▪	VK-RTG-165114	VK-RTG-165114G
165.1 x 139.7	-	16.0	-	▪	VK-RTG-165139	VK-RTG-165139G
168.3 x 33.7	20.7	27.6	▪	▪	VK-RTG-168034	VK-RTG-168034G
168.3 x 42.4	20.7	27.6	▪	▪	VK-RTG-168042	VK-RTG-168042G
168.3 x 48.3	20.7	27.6	▪	▪	VK-RTG-168048	VK-RTG-168048G
168.3 x 60.3	20.7	27.6	▪	▪	VK-RTG-168060	VK-RTG-168060G
168.3 x 76.1	20.7	27.6	▪	▪	VK-RTG-168076	VK-RTG-168076G
168.3 x 88.9	20.7	27.6	▪	▪	VK-RTG-168089	VK-RTG-168089G
168.3 x 114.3	20.7	27.6	▪	▪	VK-RTG-168114	VK-RTG-168114G
219.1 x 76.1	16.0	-	▪	-	VK-RTG-219076	VK-RTG-219076G
219.1 x 88.9	16.0	-	▪	-	VK-RTG-219089	VK-RTG-219089G
219.1 x 114.3	20.7	20.7	▪	▪	VK-RTG-219114	VK-RTG-219114G
219.1 x 141.3	16.0	-	▪	-	VK-RTG-219141	VK-RTG-219141G
219.1 x 165.1	20.7	-	▪	-	VK-RTG-219165	VK-RTG-219165G
219.1 x 168.3	20.7	20.7	▪	▪	VK-RTG-219168	VK-RTG-219168G
273 x 168.3	20.7	20.7	▪	▪	VK-RTG-273168	VK-RTG-273168G
273 x 219.1	20.7	20.7	▪	▪	VK-RTG-273219	VK-RTG-273219G
323.9 x 114.3	20.7	20.7	▪	▪	VK-RTG-324114	VK-RTG-324114G
323.9 x 168.3	20.7	20.7	▪	▪	VK-RTG-324168	VK-RTG-324168G
323.9 x 219.1	20.7	20.7	▪	▪	VK-RTG-324219	VK-RTG-324219G
323.9 x 273	20.7	20.7	▪	▪	VK-RTG-324273	VK-RTG-324273G

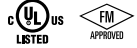


# Grooved Fittings

## Reducing tee threaded - BSP



- From 42.4 mm x DN25 BSP to 168.3 mm x DN100 BSP
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
42.4 x DN25 BSP	16.0	-	▪	-	VK-RTT-042034B	VK-RTT-042034BG
48.3 x DN25 BSP	16.0	-	▪	-	VK-RTT-048034B	VK-RTT-048034BG
48.3 x DN32 BSP	16.0	-	▪	-	VK-RTT-048042B	VK-RTT-048042BG
60.3 x DN25 BSP	20.7	34.5	▪	▪	VK-RTT-060034B	VK-RTT-060034BG
60.3 x DN32 BSP	20.7	34.5	▪	▪	VK-RTT-060042B	VK-RTT-060042BG
60.3 x DN40 BSP	20.7	34.5	▪	▪	VK-RTT-060048B	VK-RTT-060048BG
73 x DN25 BSP	27.6	27.6	▪	▪	VK-RTT-073034B	VK-RTT-073034BG
73 x DN32 BSP	27.6	27.6	▪	▪	VK-RTT-073042B	VK-RTT-073042BG
73 x DN40 BSP	27.6	27.6	▪	▪	VK-RTT-073048B	VK-RTT-073048BG
73 x DN50 BSP	27.6	27.6	▪	▪	VK-RTT-073060B	VK-RTT-073060BG
76.1 x DN25 BSP	20.7	34.5	▪	▪	VK-RTT-076034B	VK-RTT-076034BG
76.1 x DN32 BSP	20.7	34.5	▪	▪	VK-RTT-076042B	VK-RTT-076042BG
76.1 x DN40 BSP	20.7	34.5	▪	▪	VK-RTT-076048B	VK-RTT-076048BG
76.1 x DN50 BSP	16.0	-	▪	-	VK-RTT-076060B	VK-RTT-076060BG
88.9 x DN25 BSP	20.7	34.5	▪	▪	VK-RTT-089034B	VK-RTT-089034BG
88.9 x DN32 BSP	20.7	34.5	▪	▪	VK-RTT-089042B	VK-RTT-089042BG
88.9 x DN40 BSP	20.7	34.5	▪	▪	VK-RTT-089048B	VK-RTT-089048BG
88.9 x DN50 BSP	20.7	34.5	▪	▪	VK-RTT-089060B	VK-RTT-089060BG
88.9 x DN65 BSP	16.0	-	▪	-	VK-RTT-089076B	VK-RTT-089076BG
114.3 x DN25 BSP	20.7	34.5	▪	▪	VK-RTT-114034B	VK-RTT-114034BG
114.3 x DN32 BSP	20.7	34.5	▪	▪	VK-RTT-114042B	VK-RTT-114042BG
114.3 x DN40 BSP	20.7	34.5	▪	▪	VK-RTT-114048B	VK-RTT-114048BG
114.3 x DN50 BSP	20.7	34.5	▪	▪	VK-RTT-114060B	VK-RTT-114060BG
114.3 x DN65 BSP	20.7	34.5	▪	▪	VK-RTT-114076B	VK-RTT-114076BG
114.3 x DN80 BSP	20.7	34.5	▪	▪	VK-RTT-114089B	VK-RTT-114089BG
139.7 x DN25 BSP	20.7	27.6	▪	▪	VK-RTT-139034B	VK-RTT-139034BG
139.7 x DN32 BSP	20.7	27.6	▪	▪	VK-RTT-139042B	VK-RTT-139042BG
139.7 x DN40 BSP	20.7	27.6	▪	▪	VK-RTT-139048B	VK-RTT-139048BG
139.7 x DN50 BSP	20.7	27.6	▪	▪	VK-RTT-139060B	VK-RTT-139060BG
139.7 x DN65 BSP	20.7	27.6	▪	▪	VK-RTT-139076B	VK-RTT-139076BG
139.7 x DN80 BSP	20.7	27.6	▪	▪	VK-RTT-139089B	VK-RTT-139089BG
141.3 x DN25 BSP	16.0	-	▪	-	VK-RTT-141034B	VK-RTT-141034BG
141.3 x DN32 BSP	16.0	-	▪	-	VK-RTT-141042B	VK-RTT-141042BG
141.3 x DN40 BSP	16.0	-	▪	-	VK-RTT-141048B	VK-RTT-141048BG
141.3 x DN50 BSP	16.0	-	▪	-	VK-RTT-141060B	VK-RTT-141060BG
141.3 x DN65 BSP	16.0	-	▪	-	VK-RTT-141076B	VK-RTT-141076BG
165.1 x DN25 BSP	20.7	27.6	▪	▪	VK-RTT-165034B	VK-RTT-165034BG
165.1 x DN32 BSP	20.7	27.6	▪	▪	VK-RTT-165042B	VK-RTT-165042BG
165.1 x DN40 BSP	20.7	27.6	▪	▪	VK-RTT-165048B	VK-RTT-165048BG
165.1 x DN50 BSP	20.7	27.6	▪	▪	VK-RTT-165060B	VK-RTT-165060BG
165.1 x DN65 BSP	20.7	27.6	▪	▪	VK-RTT-165076B	VK-RTT-165076BG
165.1 x DN80 BSP	20.7	27.6	▪	▪	VK-RTT-165089B	VK-RTT-165089BG
165.1 x DN100 BSP	20.7	27.6	▪	▪	VK-RTT-165114B	VK-RTT-165114BG
168.3 x DN25 BSP	20.7	27.6	▪	▪	VK-RTT-168034B	VK-RTT-168034BG
168.3 x DN32 BSP	20.7	27.6	▪	▪	VK-RTT-168042B	VK-RTT-168042BG
168.3 x DN40 BSP	20.7	27.6	▪	▪	VK-RTT-168048B	VK-RTT-168048BG
168.3 x DN50 BSP	20.7	27.6	▪	▪	VK-RTT-168060B	VK-RTT-168060BG
168.3 x DN65 BSP	20.7	27.6	▪	▪	VK-RTT-168076B	VK-RTT-168076BG
168.3 x DN80 BSP	20.7	27.6	▪	▪	VK-RTT-168089B	VK-RTT-168089BG
168.3 x DN100 BSP	20.7	27.6	▪	▪	VK-RTT-168114B	VK-RTT-168114BG



# Grooved Fittings

## Reducing tee threaded - NPT



- From 42.4 mm x 1" NPT to 168.3 mm x 4" NPT
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x inch)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
42.4 x 1" NPT	16.0	-	■	-	VK-RTT-042034N	VK-RTT-042034NG
48.3 x 1" NPT	16.0	-	■	-	VK-RTT-048034N	VK-RTT-048034NG
48.3 x 1-1/4" NPT	16.0	-	■	-	VK-RTT-048042N	VK-RTT-048042NG
60.3 x 1" NPT	20.7	34.5	■	■	VK-RTT-060034N	VK-RTT-060034NG
60.3 x 1-1/4" NPT	20.7	34.5	■	■	VK-RTT-060042N	VK-RTT-060042NG
60.3 x 1-1/2" NPT	20.7	34.5	■	■	VK-RTT-060048N	VK-RTT-060048NG
73 x 1" NPT	27.6	27.6	■	■	VK-RTT-073034N	VK-RTT-073034NG
73 x 1-1/4" NPT	27.6	27.6	■	■	VK-RTT-073042N	VK-RTT-073042NG
73 x 1-1/2" NPT	27.6	27.6	■	■	VK-RTT-073048N	VK-RTT-073048NG
73 x 2" NPT	27.6	27.6	■	■	VK-RTT-073060N	VK-RTT-073060NG
76.1 x 1" NPT	20.7	34.5	■	■	VK-RTT-076034N	VK-RTT-076034NG
76.1 x 1-1/4" NPT	20.7	34.5	■	■	VK-RTT-076042N	VK-RTT-076042NG
76.1 x 1-1/2" NPT	20.7	34.5	■	■	VK-RTT-076048N	VK-RTT-076048NG
76.1 x 2" NPT	16.0	-	■	-	VK-RTT-076060N	VK-RTT-076060NG
88.9 x 1" NPT	20.7	34.5	■	■	VK-RTT-089034N	VK-RTT-089034NG
88.9 x 1-1/4" NPT	20.7	34.5	■	■	VK-RTT-089042N	VK-RTT-089042NG
88.9 x 1-1/2" NPT	20.7	34.5	■	■	VK-RTT-089048N	VK-RTT-089048NG
88.9 x 2" NPT	20.7	34.5	■	■	VK-RTT-089060N	VK-RTT-089060NG
88.9 x 2-1/2" NPT	16.0	-	■	-	VK-RTT-089076N	VK-RTT-089076NG
114.3 x 1" NPT	20.7	34.5	■	■	VK-RTT-114034N	VK-RTT-114034NG
114.3 x 1-1/4" NPT	20.7	34.5	■	■	VK-RTT-114042N	VK-RTT-114042NG
114.3 x 1-1/2" NPT	20.7	34.5	■	■	VK-RTT-114048N	VK-RTT-114048NG
114.3 x 2" NPT	20.7	34.5	■	■	VK-RTT-114060N	VK-RTT-114060NG
114.3 x 2-1/2" NPT	20.7	34.5	■	■	VK-RTT-114076N	VK-RTT-114076NG
114.3 x 3" NPT	20.7	34.5	■	■	VK-RTT-114089N	VK-RTT-114089NG
139.7 x 1" NPT	20.7	27.6	■	■	VK-RTT-139034N	VK-RTT-139034NG
139.7 x 1-1/4" NPT	20.7	27.6	■	■	VK-RTT-139042N	VK-RTT-139042NG
139.7 x 1-1/2" NPT	20.7	27.6	■	■	VK-RTT-139048N	VK-RTT-139048NG
139.7 x 2" NPT	20.7	27.6	■	■	VK-RTT-139060N	VK-RTT-139060NG
139.7 x 2-1/2" NPT	20.7	27.6	■	■	VK-RTT-139076N	VK-RTT-139076NG
139.7 x 3" NPT	20.7	27.6	■	■	VK-RTT-139089N	VK-RTT-139089NG
141.3 x 1" NPT	16.0	-	■	-	VK-RTT-141034N	VK-RTT-141034NG
141.3 x 1-1/4" NPT	16.0	-	■	-	VK-RTT-141042N	VK-RTT-141042NG
141.3 x 1-1/2" NPT	16.0	-	■	-	VK-RTT-141048N	VK-RTT-141048NG
141.3 x 2" NPT	16.0	-	■	-	VK-RTT-141060N	VK-RTT-141060NG
141.3 x 2-1/2" NPT	16.0	-	■	-	VK-RTT-141076N	VK-RTT-141076NG
165.1 x 1" NPT	20.7	27.6	■	■	VK-RTT-165034N	VK-RTT-165034NG
165.1 x 1-1/4" NPT	20.7	27.6	■	■	VK-RTT-165042N	VK-RTT-165042NG
165.1 x 1-1/2" NPT	20.7	27.6	■	■	VK-RTT-165048N	VK-RTT-165048NG
165.1 x 2" NPT	20.7	27.6	■	■	VK-RTT-165060N	VK-RTT-165060NG
165.1 x 2-1/2" NPT	20.7	27.6	■	■	VK-RTT-165076N	VK-RTT-165076NG
165.1 x 3" NPT	20.7	27.6	■	■	VK-RTT-165089N	VK-RTT-165089NG
165.1 x 4" NPT	20.7	27.6	■	■	VK-RTT-165114N	VK-RTT-165114NG
168.3 x 1" NPT	20.7	27.6	■	■	VK-RTT-168034N	VK-RTT-168034NG
168.3 x 1-1/4" NPT	20.7	27.6	■	■	VK-RTT-168042N	VK-RTT-168042NG
168.3 x 1-1/2" NPT	20.7	27.6	■	■	VK-RTT-168048N	VK-RTT-168048NG
168.3 x 2" NPT	20.7	27.6	■	■	VK-RTT-168060N	VK-RTT-168060NG
168.3 x 2-1/2" NPT	20.7	27.6	■	■	VK-RTT-168076N	VK-RTT-168076NG
168.3 x 3" NPT	20.7	27.6	■	■	VK-RTT-168089N	VK-RTT-168089NG
168.3 x 4" NPT	20.7	27.6	■	■	VK-RTT-168114N	VK-RTT-168114NG

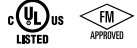


# Grooved Fittings

## End cap



- From 33.7 mm to 323.9 mm
- UL, FM approvals
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
33.7	27.6	34.5	■	■	VK-EC-034	VK-EC-034G
42.4	27.6	34.5	■	■	VK-EC-042	VK-EC-042G
48.3	27.6	34.5	■	■	VK-EC-048	VK-EC-048G
60.3	27.6	34.5	■	■	VK-EC-060	VK-EC-060G
73.0	27.6	34.5	■	■	VK-EC-073	VK-EC-073G
76.1	27.6	34.5	■	■	VK-EC-076	VK-EC-076G
88.9	27.6	34.5	■	■	VK-EC-089	VK-EC-089G
108.0	27.6	34.5	■	■	VK-EC-108	VK-EC-108G
114.3	27.6	34.5	■	■	VK-EC-114	VK-EC-114G

Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
133	20.7	27.6	■	■	VK-EC-133	VK-EC-133G
139.7	20.7	27.6	■	■	VK-EC-139	VK-EC-139G
141.3	20.7	27.6	■	■	VK-EC-141	VK-EC-141G
159	20.7	27.6	■	■	VK-EC-159	VK-EC-159G
165.1	20.7	27.6	■	■	VK-EC-165	VK-EC-165G
168.3	20.7	27.6	■	■	VK-EC-168	VK-EC-168G
219.1	20.7	20.7	■	■	VK-EC-219	VK-EC-219G
273	20.7	20.7	■	■	VK-EC-273	VK-EC-273G
323.9	20.7	20.7	■	■	VK-EC-324	VK-EC-324G

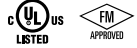


# Grooved Fittings

## End cap drilled



- From 60.3 mm x DN25 BSP/NPT to 219.1 mm x DN50 BSP (2" NPT)
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



BSP thread						
Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
60.3 x DN25 BSP	20.7	34.5	■	■	VK-ECD-060034B	VK-ECD-060034BG
60.3 x DN40 BSP	20.7	-	■	-	VK-ECD-060042B	VK-ECD-060042BG
73 x DN25 BSP	20.7	34.5	■	■	VK-ECD-073034B	VK-ECD-073034BG
76.1 x DN40 BSP	20.7	-	■	-	VK-ECD-073042B	VK-ECD-073042BG
76.1 x DN50 BSP	20.7	-	■	-	VK-ECD-073060B	VK-ECD-073060BG
88.9 x DN25 BSP	20.7	34.5	■	■	VK-ECD-089034B	VK-ECD-089034BG
88.9 x DN40 BSP	20.7	-	■	-	VK-ECD-089042B	VK-ECD-089042BG
88.9 x DN50 BSP	20.7	-	■	-	VK-ECD-089060B	VK-ECD-089060BG
114.3 x DN25 BSP	20.7	34.5	■	■	VK-ECD-114034B	VK-ECD-114034BG
114.3 x DN40 BSP	20.7	-	■	-	VK-ECD-114042B	VK-ECD-114042BG
114.3 x DN50 BSP	20.7	-	■	-	VK-ECD-114060B	VK-ECD-114060BG
139.7 x DN50 BSP	20.7	-	■	-	VK-ECD-139060B	VK-ECD-139060BG
168.3 x DN25 BSP	20.7	34.5	■	■	VK-ECD-168034B	VK-ECD-168034BG
168.3 x DN50 BSP	20.7	-	■	-	VK-ECD-168060B	VK-ECD-168060BG
219.1 x DN50 BSP	20.7	-	■	-	VK-ECD-219060B	VK-ECD-219060BG

NPT thread						
Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
60.3 x 1" NPT	20.7	34.5	■	■	VK-ECD-060034N	VK-ECD-060034NG
60.3 x 1-1/2" NPT	20.7	-	■	-	VK-ECD-060042N	VK-ECD-060042NG
73 x 1" NPT	20.7	34.5	■	■	VK-ECD-073034N	VK-ECD-073034NG
76.1 x 1-1/2" NPT	20.7	-	■	-	VK-ECD-073042N	VK-ECD-073042NG
76.1 x 2" NPT	20.7	-	■	-	VK-ECD-073060N	VK-ECD-073060NG
88.9 x 1" NPT	20.7	34.5	■	■	VK-ECD-089034N	VK-ECD-089034NG
88.9 x 1-1/2" NPT	20.7	-	■	-	VK-ECD-089042N	VK-ECD-089042NG
88.9 x 2" NPT	20.7	-	■	-	VK-ECD-089060N	VK-ECD-089060NG
114.3 x 1" NPT	20.7	34.5	■	■	VK-ECD-114034N	VK-ECD-114034NG
114.3 x 1-1/2" NPT	20.7	-	■	-	VK-ECD-114042N	VK-ECD-114042NG
114.3 x 2" NPT	20.7	-	■	-	VK-ECD-114060N	VK-ECD-114060NG
139.7 x 2" NPT	20.7	-	■	-	VK-ECD-139060N	VK-ECD-139060NG
168.3 x 1" NPT	20.7	34.5	■	■	VK-ECD-168034N	VK-ECD-168034NG
168.3 x 2" NPT	20.7	-	■	-	VK-ECD-168060N	VK-ECD-168060NG
219.1 x 2" NPT	20.7	-	■	-	VK-ECD-219060N	VK-ECD-219060NG

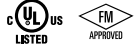


# Grooved Fittings

## End All



- From 42.4 mm x DN15 BSP (1/2" NPT) to 73.0 x DN25 BSP (1" NPT)
- UL & FM approvals
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	BSP thread		Red	Galvanized
			UL	FM		
42.4 x DN15 BSP	34.5	34.5	▪	▪	VK-EA-042021B	VK-EA-042021BG
42.4 x DN20 BSP	34.5	34.5	▪	▪	VK-EA-042027B	VK-EA-042027BG
42.4 x DN25 BSP	34.5	34.5	▪	▪	VK-EA-042034B	VK-EA-042034BG
48.3 x DN15 BSP	34.5	34.5	▪	▪	VK-EA-048021B	VK-EA-048021BG
48.3 x DN20 BSP	34.5	34.5	▪	▪	VK-EA-048027B	VK-EA-048027BG
48.3 x DN25 BSP	34.5	34.5	▪	▪	VK-EA-048034B	VK-EA-048034BG
60.3 x DN15 BSP	34.5	34.5	▪	▪	VK-EA-060021B	VK-EA-060021BG
60.3 x DN20 BSP	34.5	34.5	▪	▪	VK-EA-060027B	VK-EA-060027BG
60.3 x DN25 BSP	34.5	34.5	▪	▪	VK-EA-060034B	VK-EA-060034BG
73 x DN15 BSP	34.5	34.5	▪	▪	VK-EA-073021B	VK-EA-073021BG
73 x DN20 BSP	34.5	34.5	▪	▪	VK-EA-073027B	VK-EA-073027BG
73 x DN25 BSP	34.5	34.5	▪	▪	VK-EA-073034B	VK-EA-073034BG

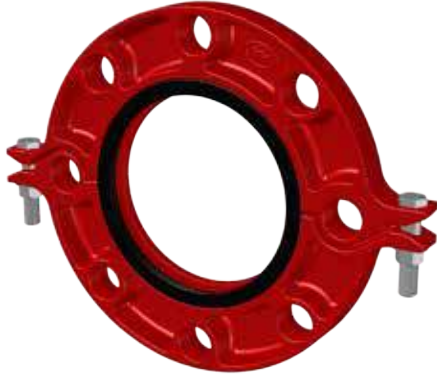
Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	NPT thread		Red	Galvanized
			UL	FM		
42.4 x 1/2" NPT	34.5	34.5	▪	▪	VK-EA-042021N	VK-EA-042021NG
42.4 x 3/4" NPT	34.5	34.5	▪	▪	VK-EA-042027N	VK-EA-042027NG
42.4 x 1" NPT	34.5	34.5	▪	▪	VK-EA-042034N	VK-EA-042034NG
48.3 x 1/2" NPT	34.5	34.5	▪	▪	VK-EA-048021N	VK-EA-048021NG
48.3 x 3/4" NPT	34.5	34.5	▪	▪	VK-EA-048027N	VK-EA-048027NG
48.3 x 1" NPT	34.5	34.5	▪	▪	VK-EA-048034N	VK-EA-048034NG
60.3 x 1/2" NPT	34.5	34.5	▪	▪	VK-EA-060021N	VK-EA-060021NG
60.3 x 3/4" NPT	34.5	34.5	▪	▪	VK-EA-060027N	VK-EA-060027NG
60.3 x 1" NPT	34.5	34.5	▪	▪	VK-EA-060034N	VK-EA-060034NG
73 x 1/2" NPT	34.5	34.5	▪	▪	VK-EA-073021N	VK-EA-073021NG
73 x 3/4" NPT	34.5	34.5	▪	▪	VK-EA-073027N	VK-EA-073027NG
73 x 1" NPT	34.5	34.5	▪	▪	VK-EA-073034N	VK-EA-073034NG





# Grooved Fittings

## Split Flange Adapter ANSI



- From 60.3 mm to 273.0 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised

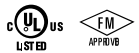


Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
60.3	20.7	20.7	▪	▪	VK-SFA-060	VK-SFA-060G
73.0	20.7	20.7	▪	▪	VK-SFA-073	VK-SFA-073G
88.9	20.7	20.7	▪	▪	VK-SFA-089	VK-SFA-089G
114.3	20.7	20.7	▪	▪	VK-SFA-114	VK-SFA-114G
141.3	20.7	20.7	▪	▪	VK-SFA-141	VK-SFA-141G
168.3	20.7	20.7	▪	▪	VK-SFA-168	VK-SFA-168G
219.1	20.7	20.7	▪	▪	VK-SFA-219	VK-SFA-219G
273.0	12.1	-	▪	-	VK-SFA-273	VK-SFA-273G

## Split Flange Adapter PN16



- From 60.3 mm to 219.1 mm
- UL, FM approvals
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number		Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized		UL	FM	UL	FM	Red	Galvanized
60.3	20.7	20.7	▪	▪	VK-SFP-060	VK-SFP-060G	139.7	20.7	20.7	▪	▪	VK-SFP-139	VK-SFP-139G
73.0	20.7	20.7	▪	▪	VK-SFP-073	VK-SFP-073G	141.3	20.7	20.7	▪	▪	VK-SFP-141	VK-SFP-141G
76.1	20.7	20.7	▪	▪	VK-SFP-076	VK-SFP-076G	159	20.7	20.7	▪	▪	VK-SFP-159	VK-SFP-159G
88.9	20.7	20.7	▪	▪	VK-SFP-089	VK-SFP-089G	165.1	20.7	20.7	▪	▪	VK-SFP-165	VK-SFP-165G
108	20.7	20.7	▪	▪	VK-SFP-108	VK-SFP-108G	168.3	20.7	20.7	▪	▪	VK-SFP-168	VK-SFP-168G
114.3	20.7	20.7	▪	▪	VK-SFP-114	VK-SFP-114G	219.1	20.7	20.7	▪	▪	VK-SFP-219	VK-SFP-219G
133	20.7	20.7	▪	▪	VK-SFP-133	VK-SFP-133G							



# Grooved Fittings

## Flange adapter grooved ANSI



- From 60.3 mm to 323.9 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanized



Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
60.3	20.7	20.7	▪	▪	VK-FAA-060	VK-FAA-060G
73	20.7	20.7	▪	▪	VK-FAA-073	VK-FAA-073G
88.9	20.7	20.7	▪	▪	VK-FAA-089	VK-FAA-089G
114.3	20.7	20.7	▪	▪	VK-FAA-114	VK-FAA-114G
141.3	20.7	20.7	▪	▪	VK-FAA-141	VK-FAA-141G

Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
168.3	20.7	20.7	▪	▪	VK-FAA-168	VK-FAA-168G
219.1	20.7	20.7	▪	▪	VK-FAA-219	VK-FAA-219G
273	20.7	20.7	▪	▪	VK-FAA-273	VK-FAA-273G
323.9	20.7	20.7	▪	▪	VK-FAA-324	VK-FAA-324G

## Flange adapter grooved PN16



- From 60.3 mm to 323.9 mm
- UL, FM approvals
- Available in red paint & galvanized



Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
60.3	20.7	20.7	▪	▪	VK-FAP-060	VK-FAP-060G
73	20.7	20.7	▪	▪	VK-FAP-073	VK-FAP-073G
76.1	20.7	20.7	▪	▪	VK-FAP-076	VK-FAP-076G
88.9	20.7	20.7	▪	▪	VK-FAP-089	VK-FAP-089G
108.0	20.7	20.7	▪	▪	VK-FAP-108	VK-FAP-108G
114.3	20.7	20.7	▪	▪	VK-FAP-114	VK-FAP-114G
133	20.7	20.7	▪	▪	VK-FAP-133	VK-FAP-133G
139.7	20.7	20.7	▪	▪	VK-FAP-139	VK-FAP-139G

Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
141.3	20.7	20.7	▪	▪	VK-FAP-141	VK-FAP-141G
159.0	20.7	20.7	▪	▪	VK-FAP-159	VK-FAP-159G
165.1	20.7	20.7	▪	▪	VK-FAP-165	VK-FAP-165G
168.3	20.7	20.7	▪	▪	VK-FAP-168	VK-FAP-168G
219.1	20.7	20.7	▪	▪	VK-FAP-219	VK-FAP-219G
273	20.7	20.7	▪	▪	VK-FAP-273	VK-FAP-273G
323.9	20.7	20.7	▪	▪	VK-FAP-324	VK-FAP-324G



# Grooved Fittings

## Flange adapter threaded



- From DN50 BSP (2" NPT) to DN100 BSP (4" NPT)
- UL, FM approvals
- Available in red paint & galvanised



Size (mm)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
DN50 BSP	20.7	20.7	▪	▪	VK-FTP-060B	VK-FTP-060BG
DN65 BSP	20.7	20.7	▪	▪	VK-FTP-076B	VK-FTP-076BG
DN80 BSP	20.7	20.7	▪	▪	VK-FTP-089B	VK-FTP-089BG
DN100 BSP	20.7	20.7	▪	▪	VK-FTP-114B	VK-FTP-114BG
2" NPT	20.7	20.7	▪	▪	VK-FTP-060N	VK-FTP-060NG
2-1/2 NPT	20.7	20.7	▪	▪	VK-FTP-076N	VK-FTP-076NG
3" NPT	20.7	20.7	▪	▪	VK-FTP-089N	VK-FTP-089NG
4" NPT	20.7	20.7	▪	▪	VK-FTP-114N	VK-FTP-114NG

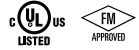


# Grooved Fittings

## Eccentric Reducer



- From 88.9 mm x 60.3 mm to 273.0 mm x 219.1 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
88.9 x 60.3	27.6	20.7	▪	▪	VK-ER-089060	VK-ER-089060G
88.9 x 73	27.6	20.7	▪	▪	VK-ER-089073	VK-ER-089073G
88.9 x 76.1	27.6	20.7	▪	▪	VK-ER-089076	VK-ER-089076G
114.3 x 60.3	27.6	20.7	▪	▪	VK-ER-114060	VK-ER-114060G
114.3 x 73	27.6	20.7	▪	▪	VK-ER-114073	VK-ER-114073G
114.3 x 76.1	27.6	20.7	▪	▪	VK-ER-114076	VK-ER-114076G
114.3 x 88.9	27.6	20.7	▪	▪	VK-ER-114089	VK-ER-114089G
139.7 x 76.1	20.7	20.7	▪	▪	VK-ER-139076	VK-ER-139076G
139.7 x 88.9	20.7	20.7	▪	▪	VK-ER-139089	VK-ER-139089G
139.7 x 114.3	20.7	20.7	▪	▪	VK-ER-139114	VK-ER-139114G
159 x 60.3	20.7	-	▪	-	VK-ER-159060	VK-ER-159060G
159 x 76.1	20.7	20.7	▪	▪	VK-ER-159076	VK-ER-159076G
159 x 88.9	20.7	20.7	▪	▪	VK-ER-159089	VK-ER-159089G
159 x 108	20.7	20.7	▪	▪	VK-ER-159108	VK-ER-159108G
159 x 114.3	20.7	20.7	▪	▪	VK-ER-159114	VK-ER-159114G
165.1 x 76.1	20.7	20.7	▪	▪	VK-ER-165076	VK-ER-165076G
165.1 x 88.9	20.7	20.7	▪	▪	VK-ER-165089	VK-ER-165089G
165.1 x 114.3	20.7	20.7	▪	▪	VK-ER-165114	VK-ER-165114G
165.1 x 139.7	20.7	20.7	▪	▪	VK-ER-165139	VK-ER-165139G
168.3 x 88.9	20.7	20.7	▪	▪	VK-ER-168089	VK-ER-168089G
168.3 x 114.3	20.7	20.7	▪	▪	VK-ER-168114	VK-ER-168114G
168.3 x 139.7	20.7	20.7	▪	▪	VK-ER-168139	VK-ER-168139G
219.1 x 88.9	20.7	20.7	▪	▪	VK-ER-219089	VK-ER-219089G
219.1 x 114.3	20.7	20.7	▪	▪	VK-ER-219114	VK-ER-219114G
219.1 x 139.7	20.7	20.7	▪	▪	VK-ER-219139	VK-ER-219139G
219.1 x 165.1	20.7	20.7	▪	▪	VK-ER-219165	VK-ER-219165G
219.1 x 168.3	20.7	20.7	▪	▪	VK-ER-219168	VK-ER-219168G
273 x 165.1	20.7	20.7	▪	▪	VK-ER-273165	VK-ER-273165G
273 x 168.3	20.7	20.7	▪	▪	VK-ER-273168	VK-ER-273168G
273 x 219.1	20.7	20.7	▪	▪	VK-ER-273219	VK-ER-273219G

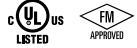


# Grooved Fittings

## Concentric Reducer Grooved



- From 42.4 mm x 33.7 mm to 323.9 mm x 273.0 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanised
42.4 x 33.7	27.6	-	■	-	VK-CRG-042034	VK-CRG-042034G
48.3 x 33.7	27.6	-	■	-	VK-CRG-048034	VK-CRG-048034G
48.3 x 42.4	16.0	-	■	-	VK-CRG-042034	VK-CRG-042034G
60.3 x 33.7	27.6	34.5	■	■	VK-CRG-060034	VK-CRG-060034G
60.3 x 42.4	27.6	34.5	■	■	VK-CRG-060042	VK-CRG-060042G
60.3 x 48.3	27.6	34.5	■	■	VK-CRG-060048	VK-CRG-060048G
73 x 42.4	27.6	20.7	■	■	VK-CRG-073042	VK-CRG-073042G
73 x 48.3	27.6	20.7	■	■	VK-CRG-073048	VK-CRG-073048G
73 x 60.3	27.6	20.7	■	■	VK-CRG-073060	VK-CRG-073060G
76.1 x 33.7	27.6	-	■	-	VK-CRG-076034	VK-CRG-076034G
76.1 x 42.4	27.6	34.5	■	■	VK-CRG-076042	VK-CRG-076042G
76.1 x 48.3	27.6	34.5	■	■	VK-CRG-076048	VK-CRG-076048G
76.1 x 60.3	27.6	16.0	■	■	VK-CRG-076060	VK-CRG-076060G
88.9 x 42.4	27.6	34.5	■	■	VK-CRG-089042	VK-CRG-089042G
88.9 x 48.3	27.6	34.5	■	■	VK-CRG-089048	VK-CRG-089048G
88.9 x 60.3	27.6	34.5	■	■	VK-CRG-089060	VK-CRG-089060G
88.9 x 73	27.6	20.7	■	■	VK-CRG-089073	VK-CRG-089073G
88.9 x 76.1	27.6	20.7	■	■	VK-CRG-089076	VK-CRG-089076G
114.3 x 42.4	27.6	34.5	■	■	VK-CRG-114042	VK-CRG-114042G
114.3 x 48.3	27.6	34.5	■	■	VK-CRG-114048	VK-CRG-114048G
114.3 x 60.3	27.6	34.5	■	■	VK-CRG-114060	VK-CRG-114060G
114.3 x 73	27.6	20.7	■	■	VK-CRG-114073	VK-CRG-114073G
114.3 x 76.1	27.6	34.5	■	■	VK-CRG-114076	VK-CRG-114076G
114.3 x 88.9	27.6	34.5	■	■	VK-CRG-114089	VK-CRG-114089G
139.7 x 42.4	20.7	20.7	■	■	VK-CRG-139042	VK-CRG-139042G
139.7 x 48.3	20.7	20.7	■	■	VK-CRG-139048	VK-CRG-139048G
139.7 x 60.3	20.7	20.7	■	■	VK-CRG-139060	VK-CRG-139060G
139.7 x 76.1	20.7	20.7	■	■	VK-CRG-139076	VK-CRG-139076G
139.7 x 88.9	20.7	20.7	■	■	VK-CRG-139089	VK-CRG-139089G
139.7 x 114.3	20.7	16.0	■	■	VK-CRG-139114	VK-CRG-139114G
141.3 x 60.3	16.0	-	■	-	VK-CRG-141060	VK-CRG-141060G
141.3 x 76.1	16.0	-	■	-	VK-CRG-141076	VK-CRG-141076G



# Grooved Fittings

## Concentric Reducer Grooved (cont.)

Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
141.3 x 114.3	16.0	-	▪	-	VK-CRG-141114	VK-CRG-141114G
165.1 x 60.3	20.7	20.7	▪	▪	VK-CRG-165060	VK-CRG-165060G
165.1 x 76.1	20.7	20.7	▪	▪	VK-CRG-165076	VK-CRG-165076G
165.1 x 88.9	20.7	20.7	▪	▪	VK-CRG-165089	VK-CRG-165089G
165.1 x 114.3	20.7	20.7	▪	▪	VK-CRG-165114	VK-CRG-165114G
165.1 x 139.7	-	16.0	-	-	VK-CRG-165139	VK-CRG-165139G
165.1 x 141.3	16.0	-	▪	-	VK-CRG-165141	VK-CRG-165141G
168.3 x 60.3	20.7	20.7	▪	▪	VK-CRG-168060	VK-CRG-168060G
168.3 x 73	20.7	27.6	▪	▪	VK-CRG-168073	VK-CRG-168073G
168.3 x 76.1	20.7	20.7	▪	▪	VK-CRG-168076	VK-CRG-168076G
168.3 x 88.9	20.7	20.7	▪	▪	VK-CRG-168089	VK-CRG-168089G
168.3 x 114.3	20.7	20.7	▪	-	VK-CRG-168114	VK-CRG-168114G
168.3 x 139.7	20.7	-	▪	-	VK-CRG-168139	VK-CRG-168139G
219.1 x 60.3	20.7	27.6	▪	▪	VK-CRG-219060	VK-CRG-219060G
219.1 x 73	20.7	27.6	▪	▪	VK-CRG-219073	VK-CRG-219073G
219.1 x 76.1	20.7	27.6	▪	▪	VK-CRG-219076	VK-CRG-219076G
219.1 x 88.9	20.7	27.6	▪	▪	VK-CRG-219089	VK-CRG-219089G
219.1 x 114.3	20.7	16.0	▪	▪	VK-CRG-219114	VK-CRG-219114G
219.1 x 139.7	20.7	16.0	▪	▪	VK-CRG-219139	VK-CRG-219139G
219.1 x 141.3	16.0	-	▪	-	VK-CRG-219141	VK-CRG-219141G
219.1 x 165.1	16.0	16.0	▪	▪	VK-CRG-219165	VK-CRG-219165G
219.1 x 168.3	20.7	27.6	▪	▪	VK-CRG-219168	VK-CRG-219168G
273 x 114.3	20.7	27.6	▪	▪	VK-CRG-273114	VK-CRG-273114G
273 x 165.1	-	16.0	-	▪	VK-CRG-273165	VK-CRG-273165G
273 x 168.3	20.7	27.6	▪	▪	VK-CRG-273168	VK-CRG-273168G
273 x 219.1	20.7	27.6	▪	▪	VK-CRG-273219	VK-CRG-273219G
323.9 x 114.3	-	16.0	-	▪	VK-CRG-324114	VK-CRG-324114G
323.9 x 139.7	-	16.0	-	▪	VK-CRG-324139	VK-CRG-324139G
323.9 x 165.1	-	16.0	-	▪	VK-CRG-324165	VK-CRG-324165G
323.9 x 219.1	-	16.0	-	▪	VK-CRG-324219	VK-CRG-324219G
323.9 x 273	-	16.0	-	▪	VK-CRG-324273	VK-CRG-324273G



# Grooved Fittings

## Concentric Reducer Threaded - BSP



- From 48.3 mm x DN25 BSP to 219.1 mm x DN100 BSP
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
48.3 x DN25 BSP	16.0	-	▪	-	VK-CRT-048034B	VK-CRT-048034BG
60.3 x DN25 BSP	20.7	34.5	▪	▪	VK-CRT-060034B	VK-CRT-060034BG
60.3 x DN32 BSP	20.7	34.5	▪	▪	VK-CRT-060042B	VK-CRT-060042BG
60.3 x DN40 BSP	20.7	34.5	▪	▪	VK-CRT-060048B	VK-CRT-060048BG
73 x DN25 BSP	27.6	27.6	▪	▪	VK-CRT-073034B	VK-CRT-073034BG
73 x DN32 BSP	27.6	27.6	▪	▪	VK-CRT-073042B	VK-CRT-073042BG
73 x DN40 BSP	27.6	27.6	▪	▪	VK-CRT-073048B	VK-CRT-073048BG
73 x DN50 BSP	27.6	27.6	▪	▪	VK-CRT-073060B	VK-CRT-073060BG
76.1 x DN25 BSP	20.7	34.5	▪	▪	VK-CRT-076034B	VK-CRT-076034BG
76.1 x DN32 BSP	20.7	34.5	▪	▪	VK-CRT-076042B	VK-CRT-076042BG
76.1 x DN40 BSP	20.7	34.5	▪	▪	VK-CRT-076048B	VK-CRT-076048BG
76.1 x DN50 BSP	20.7	34.5	▪	▪	VK-CRT-076060B	VK-CRT-076060BG
88.9 x DN25 BSP	20.7	34.5	▪	▪	VK-CRT-089034B	VK-CRT-089034BG
88.9 x DN32 BSP	20.7	34.5	▪	▪	VK-CRT-089042B	VK-CRT-089042BG
88.9 x DN40 BSP	20.7	34.5	▪	▪	VK-CRT-089048B	VK-CRT-089048BG
88.9 x DN50 BSP	20.7	34.5	▪	▪	VK-CRT-089060B	VK-CRT-089060BG
88.9 x DN65 BSP	16.0	-	▪	-	VK-CRT-089076B	VK-CRT-089076BG
114.3 x DN25 BSP	20.7	34.5	▪	▪	VK-CRT-114034B	VK-CRT-114034BG
114.3 x DN32 BSP	20.7	34.5	▪	▪	VK-CRT-114042B	VK-CRT-114042BG
114.3 x DN40 BSP	20.7	34.5	▪	▪	VK-CRT-114048B	VK-CRT-114048BG
114.3 x DN50 BSP	20.7	34.5	▪	▪	VK-CRT-114060B	VK-CRT-114060BG
114.3 x DN65 BSP	20.7	34.5	▪	▪	VK-CRT-114076B	VK-CRT-114076BG
114.3 x DN80 BSP	20.7	34.5	▪	▪	VK-CRT-114089B	VK-CRT-114089BG
139.7 x DN25 BSP	20.7	34.5	▪	▪	VK-CRT-139034B	VK-CRT-139034BG
139.7 x DN32 BSP	20.7	27.6	▪	▪	VK-CRT-139042B	VK-CRT-139042BG
139.7 x DN40 BSP	20.7	27.6	▪	▪	VK-CRT-139048B	VK-CRT-139048BG
139.7 x DN50 BSP	20.7	27.6	▪	▪	VK-CRT-139060B	VK-CRT-139060BG
139.7 x DN65 BSP	20.7	27.6	▪	▪	VK-CRT-139076B	VK-CRT-139076BG
139.7 x DN80 BSP	20.7	27.6	▪	▪	VK-CRT-139089B	VK-CRT-139089BG





# Grooved Fittings

## Concentric Reducer Threaded - BSP (cont.)

Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
141.3 x DN25 BSP	16.0	-	▪	-	VK-CRT-141034B	VK-CRT-141034BG
141.3 x DN32 BSP	16.0	-	▪	-	VK-CRT-141042B	VK-CRT-141042BG
141.3 x DN50 BSP	16.0	-	▪	-	VK-CRT-141060B	VK-CRT-141060BG
141.3 x DN65 BSP	16.0	-	▪	-	VK-CRT-141076B	VK-CRT-141076BG
165.1 x DN25 BSP	20.7	-	▪	-	VK-CRT-165034B	VK-CRT-165034BG
165.1 x DN32 BSP	20.7	27.6	▪	▪	VK-CRT-165042B	VK-CRT-165042BG
165.1 x DN40 BSP	20.7	27.6	▪	▪	VK-CRT-165048B	VK-CRT-165048BG
165.1 x DN50 BSP	20.7	27.6	▪	▪	VK-CRT-165060B	VK-CRT-165060BG
165.1 x DN65 BSP	20.7	27.6	▪	▪	VK-CRT-165076B	VK-CRT-165076BG
165.1 x DN80 BSP	20.7	27.6	▪	▪	VK-CRT-165089B	VK-CRT-165089BG
165.1 x DN100 BSP	20.7	27.6	▪	▪	VK-CRT-165114B	VK-CRT-165114BG
168.3 x DN25 BSP	20.7	27.6	▪	▪	VK-CRT-168034B	VK-CRT-168034BG
168.3 x DN32 BSP	20.7	27.6	▪	▪	VK-CRT-168042B	VK-CRT-168042BG
168.3 x DN40 BSP	20.7	27.6	▪	▪	VK-CRT-168048B	VK-CRT-168048BG
168.3 x DN50 BSP	20.7	27.6	▪	▪	VK-CRT-168060B	VK-CRT-168060BG
168.3 x DN65 BSP	20.7	27.6	▪	▪	VK-CRT-168076B	VK-CRT-168076BG
168.3 x DN80 BSP	20.7	27.6	▪	▪	VK-CRT-168089B	VK-CRT-168089BG
168.3 x DN100 BSP	20.7	27.6	▪	▪	VK-CRT-168114B	VK-CRT-168114BG
219.1 x DN25 BSP	20.7	20.7	▪	▪	VK-CRT-219034B	VK-CRT-219034BG
219.1 x DN32 BSP	20.7	20.7	▪	▪	VK-CRT-219042B	VK-CRT-219042BG
219.1 x DN40 BSP	20.7	20.7	▪	▪	VK-CRT-219048B	VK-CRT-219048BG
219.1 x DN50 BSP	20.7	20.7	▪	▪	VK-CRT-219060B	VK-CRT-219060BG
219.1 x DN65 BSP	20.7	20.7	▪	▪	VK-CRT-219076B	VK-CRT-219076BG
219.1 x DN80 BSP	20.7	20.7	▪	▪	VK-CRT-219089B	VK-CRT-219089BG
219.1 x DN100 BSP	20.7	20.7	▪	▪	VK-CRT-219114B	VK-CRT-219114BG



# Grooved Fittings

## Concentric Reducer Threaded - NPT



- From 48.3 mm x 1" NPT to 219.1 mm x 4" NPT
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
48.3 x 1" NPT	16.0	-	■	-	VK-CRT-048034N	VK-CRT-048034NG
60.3 x 1" NPT	20.7	34.5	■	■	VK-CRT-060034N	VK-CRT-060034NG
60.3 x 1-1/4" NPT	20.7	34.5	■	■	VK-CRT-060042N	VK-CRT-060042NG
60.3 x 1-1/2" NPT	20.7	34.5	■	■	VK-CRT-060048N	VK-CRT-060048NG
73 x 1" NPT	27.6	27.6	■	■	VK-CRT-073034N	VK-CRT-073034NG
73 x 1-1/4" NPT	27.6	27.6	■	■	VK-CRT-073042N	VK-CRT-073042NG
73 x 1-1/2" NPT	27.6	27.6	■	■	VK-CRT-073048N	VK-CRT-073048NG
73 x 2" NPT	27.6	27.6	■	■	VK-CRT-073060N	VK-CRT-073060NG
76.1 x 1" NPT	20.7	34.5	■	■	VK-CRT-076034N	VK-CRT-076034NG
76.1 x 1-1/4" NPT	20.7	34.5	■	■	VK-CRT-076042N	VK-CRT-076042NG
76.1 x 1-1/2" NPT	20.7	34.5	■	■	VK-CRT-076048N	VK-CRT-076048NG
76.1 x 2" NPT	20.7	34.5	■	■	VK-CRT-076060N	VK-CRT-076060NG
88.9 x 1" NPT	20.7	34.5	■	■	VK-CRT-089034N	VK-CRT-089034NG
88.9 x 1-1/4" NPT	20.7	34.5	■	■	VK-CRT-089042N	VK-CRT-089042NG
88.9 x 1-1/2" NPT	20.7	34.5	■	■	VK-CRT-089048N	VK-CRT-089048NG
88.9 x 2" NPT	20.7	34.5	■	■	VK-CRT-089060N	VK-CRT-089060NG
88.9 x 2-1/2" NPT	16.0	-	■	-	VK-CRT-089076N	VK-CRT-089076NG
114.3 x 1" NPT	20.7	34.5	■	■	VK-CRT-114034N	VK-CRT-114034NG
114.3 x 1-1/4" NPT	20.7	34.5	■	■	VK-CRT-114042N	VK-CRT-114042NG
114.3 x 1-1/2" NPT	20.7	34.5	■	■	VK-CRT-114048N	VK-CRT-114048NG
114.3 x 2" NPT	20.7	34.5	■	■	VK-CRT-114060N	VK-CRT-114060NG
114.3 x 2-1/2" NPT	20.7	34.5	■	■	VK-CRT-114076N	VK-CRT-114076NG
114.3 x 3" NPT	20.7	34.5	■	■	VK-CRT-114089N	VK-CRT-114089NG
139.7 x 1" NPT	20.7	34.5	■	■	VK-CRT-139034N	VK-CRT-139034NG
139.7 x 1-1/4" NPT	20.7	27.6	■	■	VK-CRT-139042N	VK-CRT-139042NG
139.7 x 1-1/2" NPT	20.7	27.6	■	■	VK-CRT-139048N	VK-CRT-139048NG
139.7 x 2" NPT	20.7	27.6	■	■	VK-CRT-139060N	VK-CRT-139060NG
139.7 x 2-1/2" NPT	20.7	27.6	■	■	VK-CRT-139076N	VK-CRT-139076NG
139.7 x 3" NPT	20.7	27.6	■	■	VK-CRT-139089N	VK-CRT-139089NG



# Grooved Fittings

## Concentric Reducer Threaded - NPT (cont.)

Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
141.3 x 1" NPT	16.0	-	▪	-	VK-CRT-141034N	VK-CRT-141034NG
141.3 x 1-1/4" NPT	16.0	-	▪	-	VK-CRT-141042N	VK-CRT-141042NG
141.3 x 2" NPT	16.0	-	▪	-	VK-CRT-141060N	VK-CRT-141060NG
141.3 x 2-1/2" NPT	16.0	-	▪	-	VK-CRT-141076N	VK-CRT-141076NG
165.1 x 1" NPT	20.7	-	▪	-	VK-CRT-165034N	VK-CRT-165034NG
165.1 x 1-1/4" NPT	20.7	27.6	▪	▪	VK-CRT-165042N	VK-CRT-165042NG
165.1 x 1-1/2" NPT	20.7	27.6	▪	▪	VK-CRT-165048N	VK-CRT-165048NG
165.1 x 2" NPT	20.7	27.6	▪	▪	VK-CRT-165060N	VK-CRT-165060NG
165.1 x 2-1/2" NPT	20.7	27.6	▪	▪	VK-CRT-165076N	VK-CRT-165076NG
165.1 x 3" NPT	20.7	27.6	▪	▪	VK-CRT-165089N	VK-CRT-165089NG
165.1 x 4" NPT	20.7	27.6	▪	▪	VK-CRT-165114N	VK-CRT-165114NG
168.3 x 1" NPT	20.7	27.6	▪	▪	VK-CRT-168034N	VK-CRT-168034NG
168.3 x 1-1/4" NPT	20.7	27.6	▪	▪	VK-CRT-168042N	VK-CRT-168042NG
168.3 x 1-1/2" NPT	20.7	27.6	▪	▪	VK-CRT-168048N	VK-CRT-168048NG
168.3 x 2" NPT	20.7	27.6	▪	▪	VK-CRT-168060N	VK-CRT-168060NG
168.3 x 2-1/2" NPT	20.7	27.6	▪	▪	VK-CRT-168076N	VK-CRT-168076NG
168.3 x 3" NPT	20.7	27.6	▪	▪	VK-CRT-168089N	VK-CRT-168089NG
168.3 x 4" NPT	20.7	27.6	▪	▪	VK-CRT-168114N	VK-CRT-168114NG
219.1 x 1" NPT	20.7	20.7	▪	▪	VK-CRT-219034N	VK-CRT-219034NG
219.1 x 1-1/4" NPT	20.7	20.7	▪	▪	VK-CRT-219042N	VK-CRT-219042NG
219.1 x 1-1/2" NPT	20.7	20.7	▪	▪	VK-CRT-219048N	VK-CRT-219048NG
219.1 x 2" NPT	20.7	20.7	▪	▪	VK-CRT-219060N	VK-CRT-219060NG
219.1 x 2-1/2" NPT	20.7	20.7	▪	▪	VK-CRT-219076N	VK-CRT-219076NG
219.1 x 3" NPT	20.7	20.7	▪	▪	VK-CRT-219089N	VK-CRT-219089NG
219.1 x 4" NPT	20.7	20.7	▪	▪	VK-CRT-219114N	VK-CRT-219114NG



# Grooved Fittings

## Nipple Adapter



- From 48.3 mm x DN40 BSP (2-1/2" NPT) to 60.3 x DN50 BSP (2" NPT)
- UL & FM approvals
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
					BSP thread	
48.3 x DN40 BSP	34.5	34.5	▪	▪	VK-AN-048B	VK-AN-048BG
60.3 x DN50 BSP	34.5	34.5	▪	▪	VK-AN-060B	VK-AN-060BG

Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
					NPT thread	
48.3 x 1-1/2" NPT	34.5	34.5	▪	▪	VK-AN-048N	VK-AN-048NG
60.3 x 2" NPT	34.5	34.5	▪	▪	VK-AN-060N	VK-AN-060NG

## Nipple Adapter Reducer



- From 48.3 mm x DN25 BSP (1" NPT) to 60.3 x DN40 BSP (1-1/2" NPT)
- UL & FM approvals
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
					BSP thread	
48.3 x DN25 BSP	34.5	34.5	▪	▪	VK-ANR-04825B	VK-ANR-04825BG
60.3 x DN40 BSP	34.5	34.5	▪	▪	VK-ANR-05040B	VK-ANR-05040BG

Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
					NPT thread	
48.3 x 1" NPT	34.5	34.5	▪	▪	VK-ANR-04825N	VK-ANR-04825NG
60.3 x 1-1/2" NPT	34.5	34.5	▪	▪	VK-ANR-05040N	VK-ANR-05040NG

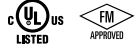


# Gasketed Fittings

## Sprinkler Tee



- From 42.4 mm x DN15 BSP (1/2" NPT) to 73.0 x DN25 BSP (1" NPT)
- UL & FM approvals
- Available in red paint & galvanised



Size (mm x DN)	BSP thread					
	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
33.7 x DN15 BSP	20.7	20.7	▪	▪	VK-ST-034021B	VK-ST-034021BG
33.7 x DN20 BSP	20.7	20.7	▪	▪	VK-ST-034027B	VK-ST-034027BG
42.4 x DN15 BSP	20.7	20.7	▪	▪	VK-ST-042021B	VK-ST-042021BG
42.4 x DN20 BSP	20.7	20.7	▪	▪	VK-ST-042027B	VK-ST-042027BG
42.4 x DN25 BSP	20.7	20.7	▪	▪	VK-ST-042034B	VK-ST-042034BG
48.3 x DN15 BSP	20.7	20.7	▪	▪	VK-ST-048021B	VK-ST-048021BG
48.3 x DN20 BSP	20.7	20.7	▪	▪	VK-ST-048027B	VK-ST-048027BG
48.3 x DN25 BSP	20.7	20.7	▪	▪	VK-ST-048034B	VK-ST-048034BG
60.3 x DN15 BSP	20.7	20.7	▪	▪	VK-ST-060021B	VK-ST-060021BG
60.3 x DN20 BSP	20.7	20.7	▪	▪	VK-ST-060027B	VK-ST-060027BG
60.3 x DN25 BSP	20.7	20.7	▪	▪	VK-ST-060034B	VK-ST-060034BG
73 x DN15 BSP	20.7	20.7	▪	▪	VK-ST-073021B	VK-ST-073021BG
73 x DN20 BSP	20.7	20.7	▪	▪	VK-ST-073027B	VK-ST-073027BG
73 x DN25 BSP	20.7	20.7	▪	▪	VK-ST-073034B	VK-ST-073034BG
76.1 x DN15 BSP	20.7	20.7	▪	▪	VK-ST-076021B	VK-ST-076021BG
76.1 x DN20 BSP	20.7	20.7	▪	▪	VK-ST-076027B	VK-ST-076027BG
76.1 x DN25 BSP	20.7	20.7	▪	▪	VK-ST-076034B	VK-ST-076034BG

Size (mm x DN)	NPT thread					
	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
33.7 x 1/2" NPT	20.7	20.7	▪	▪	VK-ST-034021N	VK-ST-034021NG
33.7 x 3/4" NPT	20.7	20.7	▪	▪	VK-ST-034027N	VK-ST-034027NG
42.4 x 1/2" NPT	20.7	20.7	▪	▪	VK-ST-042021N	VK-ST-042021NG
42.4 x 3/4" NPT	20.7	20.7	▪	▪	VK-ST-042027N	VK-ST-042027NG
42.4 x 1" NPT	20.7	20.7	▪	▪	VK-ST-042034N	VK-ST-042034NG
48.3 x 1/2" NPT	20.7	20.7	▪	▪	VK-ST-048021N	VK-ST-048021NG
48.3 x 3/4" NPT	20.7	20.7	▪	▪	VK-ST-048027N	VK-ST-048027NG
48.3 x 1" NPT	20.7	20.7	▪	▪	VK-ST-048034N	VK-ST-048034NG
60.3 x 1/2" NPT	20.7	20.7	▪	▪	VK-ST-060021N	VK-ST-060021NG
60.3 x 3/4" NPT	20.7	20.7	▪	▪	VK-ST-060027N	VK-ST-060027NG
60.3 x 1" NPT	20.7	20.7	▪	▪	VK-ST-060034N	VK-ST-060034NG
73 x 1/2" NPT	20.7	20.7	▪	▪	VK-ST-073021N	VK-ST-073021NG
73 x 3/4" NPT	20.7	20.7	▪	▪	VK-ST-073027N	VK-ST-073027NG
73 x 1" NPT	20.7	20.7	▪	▪	VK-ST-073034N	VK-ST-073034NG
76.1 x 1/2" NPT	20.7	20.7	▪	▪	VK-ST-076021N	VK-ST-076021NG
76.1 x 3/4" NPT	20.7	20.7	▪	▪	VK-ST-076027N	VK-ST-076027NG
76.1 x 1" NPT	20.7	20.7	▪	▪	VK-ST-076034N	VK-ST-076034NG



# Gasketed Fittings

## Mechanical Tee - Grooved



- From 60.3 mm x 33.7 mm to 219.1 mm x 114.3 mm
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
60.3 x 33.7	20.7	20.7	▪	▪	VK-MTG2-060034	VK-MTG2-060034G
60.3 x 42.4	20.7	20.7	▪	▪	VK-MTG-060042	VK-MTG-060042G
60.3 x 48.3	20.7	20.7	▪	▪	VK-MTG-060048	VK-MTG-060048G
73 x 33.7	20.7	-	▪	-	VK-MTG-073034	VK-MTG-073034G
73 x 42.4	20.7	20.7	▪	▪	VK-MTG-073042	VK-MTG-073042G
73 x 48.3	20.7	20.7	▪	▪	VK-MTG-073048	VK-MTG-073048G
76.1 x 33.7	20.7	20.7	▪	▪	VK-MTG2-076034	VK-MTG2-076034G
76.1 x 42.4	20.7	20.7	▪	▪	VK-MTG2-076042	VK-MTG2-076042G
76.1 x 48.3	20.7	20.7	▪	▪	VK-MTG2-076048	VK-MTG2-076048G
88.9 x 33.7	20.7	20.7	▪	▪	VK-MTG2-089034	VK-MTG2-089034G
88.9 x 42.4	20.7	20.7	▪	▪	VK-MTG-089042	VK-MTG-089042G
88.9 x 48.3	20.7	20.7	▪	▪	VK-MTG-089048	VK-MTG-089048G
88.9 x 60.3	20.7	20.7	▪	▪	VK-MTG-089060	VK-MTG-089060G
114.3 x 33.7	20.7	20.7	▪	▪	VK-MTG2-114034	VK-MTG2-114034G
114.3 x 42.4	20.7	20.7	▪	▪	VK-MTG-114042	VK-MTG-114042G
114.3 x 48.3	20.7	20.7	▪	▪	VK-MTG-114048	VK-MTG-114048G
114.3 x 60.3	20.7	20.7	▪	▪	VK-MTG-114060	VK-MTG-114060G
114.3 x 73	20.7	20.7	▪	▪	VK-MTG-114073	VK-MTG-114073G
114.3 x 76.1	20.7	16.0	▪	▪	VK-MTG2-114076	VK-MTG2-114076G
114.3 x 88.9	20.7	-	▪	-	VK-MTG2-114089	VK-MTG2-114089G
139.7 x 33.7	20.7	20.7	▪	▪	VK-MTG2-139034	VK-MTG2-139034G
139.7 x 42.4	20.7	20.7	▪	▪	VK-MTG2-139042	VK-MTG2-139042G
139.7 x 48.3	20.7	20.7	▪	▪	VK-MTG2-139048	VK-MTG2-139048G
139.7 x 60.3	20.7	20.7	▪	▪	VK-MTG2-139060	VK-MTG2-139060G
139.7 x 76.1	20.7	20.7	▪	▪	VK-MTG2-139076	VK-MTG2-139076G
139.7 x 88.9	20.7	16.0	▪	▪	VK-MTG2-139089	VK-MTG2-139089G
141.3 x 48.3	20.7	20.7	▪	▪	VK-MTG-141048	VK-MTG-141048G
141.3 x 60.3	20.7	20.7	▪	▪	VK-MTG-141060	VK-MTG-141060G
141.3 x 73	20.7	20.7	▪	▪	VK-MTG-141073	VK-MTG-141073G



# Gasketed Fittings

## Mechanical Tee - Grooved (cont.)

Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
165.1 x 33.7	20.7	20.7	▪	▪	VK-MTG2-165034	VK-MTG2-165034G
165.1 x 42.4	20.7	20.7	▪	▪	VK-MTG2-165042	VK-MTG2-165042G
165.1 x 48.3	20.7	20.7	▪	▪	VK-MTG2-165048	VK-MTG2-165048G
165.1 x 60.3	20.7	20.7	▪	▪	VK-MTG2-165060	VK-MTG2-165060G
165.1 x 76.1	20.7	20.7	▪	▪	VK-MTG2-165076	VK-MTG2-165076G
165.1 x 88.9	20.7	20.7	▪	▪	VK-MTG2-165089	VK-MTG2-165089G
165.1 x 114.3	20.7	16.0	▪	▪	VK-MTG2-165114	VK-MTG2-165114G
168.3 x 33.7	20.7	20.7	▪	▪	VK-MTG2-168034	VK-MTG2-168034G
168.3 x 42.4	20.7	20.7	▪	▪	VK-MTG-168042	VK-MTG-168042G
168.3 x 48.3	20.7	20.7	▪	▪	VK-MTG-168048	VK-MTG-168048G
168.3 x 60.3	20.7	20.7	▪	▪	VK-MTG-168060	VK-MTG-168060G
168.3 x 73	20.7	20.7	▪	▪	VK-MTG-168073	VK-MTG-168073G
168.3 x 76.1	20.7	20.7	▪	▪	VK-MTG2-168076	VK-MTG2-168076G
168.3 x 88.9	20.7	20.7	▪	▪	VK-MTG2-168089	VK-MTG2-168089G
219.1 x 33.7	20.7	20.7	▪	▪	VK-MTG2-219034	VK-MTG2-219034G
219.1 x 42.4	20.7	20.7	▪	▪	VK-MTG2-219042	VK-MTG2-219042G
219.1 x 48.3	20.7	20.7	▪	▪	VK-MTG2-219048	VK-MTG2-219048G
219.1 x 60.3	20.7	20.7	▪	▪	VK-MTG-219060	VK-MTG-219060G
219.1 x 73	20.7	20.7	▪	▪	VK-MTG-219073	VK-MTG-219073G
219.1 x 76.1	20.7	20.7	▪	▪	VK-MTG2-219076	VK-MTG2-219076G
219.1 x 88.9	20.7	20.7	▪	▪	VK-MTG2-219089	VK-MTG2-219089G
219.1 x 114.3	20.7	20.7	▪	▪	VK-MTG2-219114	VK-MTG2-219114G





# Gasketed Fittings

## Mechanical Tee - Threaded BSP



- From 48.3 mm x DN25 BSP to 219.1 mm x DN100 BSP
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
48.3 x DN25 BSP	16.0	-	■	-	VK-MTT2-048034B	VK-MTT2-048034BG
60.3 x DN15 BSP	20.7	20.7	■	■	VK-MTT-060021B	VK-MTT-060021BG
60.3 x DN20 BSP	20.7	20.7	■	■	VK-MTT-060027B	VK-MTT-060027BG
60.3 x DN25 BSP	20.7	20.7	■	■	VK-MTT-060034B	VK-MTT-060034BG
60.3 x DN32 BSP	20.7	20.7	■	■	VK-MTT-060042B	VK-MTT-060042BG
60.3 x DN40 BSP	20.7	20.7	■	■	VK-MTT-060048B	VK-MTT-060048BG
73 x DN15 BSP	20.7	20.7	■	■	VK-MTT-073021B	VK-MTT-073021BG
73 x DN20 BSP	20.7	20.7	■	■	VK-MTT-073027B	VK-MTT-073027BG
73 x DN25 BSP	20.7	20.7	■	■	VK-MTT-073034B	VK-MTT-073034BG
73 x DN32 BSP	20.7	20.7	■	■	VK-MTT-073042B	VK-MTT-073042BG
73 x DN40 BSP	20.7	20.7	■	■	VK-MTT-073048B	VK-MTT-073048BG
76.1 x DN25 BSP	20.7	20.7	■	■	VK-MTT2-076034B	VK-MTT2-076034BG
76.1 x DN32 BSP	20.7	20.7	■	■	VK-MTT2-076042B	VK-MTT2-076042BG
76.1 x DN40 BSP	20.7	20.7	■	■	VK-MTT2-076048B	VK-MTT2-076048BG
76.1 x DN50 BSP	16.0	-	■	-	VK-MTT2-076060B	VK-MTT2-076060BG
88.9 x DN15 BSP	20.7	20.7	■	■	VK-MTT-089021B	VK-MTT-089021BG
88.9 x DN20 BSP	20.7	20.7	■	■	VK-MTT-089027B	VK-MTT-089027BG
88.9 x DN25 BSP	20.7	20.7	■	■	VK-MTT-089034B	VK-MTT-089034BG
88.9 x DN32 BSP	20.7	20.7	■	■	VK-MTT-089042B	VK-MTT-089042BG
88.9 x DN40 BSP	20.7	20.7	■	■	VK-MTT-089048B	VK-MTT-089048BG
88.9 x DN50 BSP	20.7	20.7	■	■	VK-MTT-089060B	VK-MTT-089060BG
114.3 x DN15 BSP	20.7	20.7	■	■	VK-MTT-114021B	VK-MTT-114021BG
114.3 x DN20 BSP	20.7	20.7	■	■	VK-MTT-114027B	VK-MTT-114027BG
114.3 x DN25 BSP	20.7	20.7	■	■	VK-MTT-114034B	VK-MTT-114034BG
114.3 x DN32 BSP	20.7	20.7	■	■	VK-MTT-114042B	VK-MTT-114042BG
114.3 x DN40 BSP	20.7	20.7	■	■	VK-MTT-114048B	VK-MTT-114048BG
114.3 x DN50 BSP	20.7	20.7	■	■	VK-MTT-114060B	VK-MTT-114060BG
114.3 x DN65 BSP	20.7	20.7	■	■	VK-MTT-114073B	VK-MTT-114073BG
114.3 x DN65 BSP	20.7	20.7	■	■	VK-MTT2-114076B	VK-MTT2-114076BG
114.3 x DN80 BSP	20.7	-	■	-	VK-MTT2-114089B	VK-MTT2-114089BG
139.7 x DN25 BSP	20.7	20.7	■	■	VK-MTT2-139034B	VK-MTT2-139034BG
139.7 x DN32 BSP	20.7	20.7	■	■	VK-MTT2-139042B	VK-MTT2-139042BG
139.7 x DN40 BSP	20.7	20.7	■	■	VK-MTT2-139048B	VK-MTT2-139048BG
139.7 x DN50 BSP	20.7	20.7	■	■	VK-MTT2-139060B	VK-MTT2-139060BG
139.7 x DN65 BSP	20.7	20.7	■	■	VK-MTT2-139076B	VK-MTT2-139076BG
139.7 x DN80 BSP	20.7	20.7	■	■	VK-MTT2-139089B	VK-MTT2-139089BG



# Gasketed Fittings

## Mechanical Tee - Threaded BSP (cont.)

Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
141.3 x DN25 BSP	20.7	20.7	▪	▪	VK-MTT-141034B	VK-MTT-141034BG
141.3 x DN32 BSP	20.7	20.7	▪	▪	VK-MTT-141042B	VK-MTT-141042BG
141.3 x DN40 BSP	20.7	20.7	▪	▪	VK-MTT-141048B	VK-MTT-141048BG
141.3 x DN50 BSP	20.7	20.7	▪	▪	VK-MTT-141060B	VK-MTT-141060BG
141.3 x DN65 BSP	20.7	20.7	▪	▪	VK-MTT-141073B	VK-MTT-141073BG
165.1 x DN25 BSP	20.7	20.7	▪	▪	VK-MTT2-165034B	VK-MTT2-165034BG
165.1 x DN32 BSP	20.7	20.7	▪	▪	VK-MTT2-165042B	VK-MTT2-165042BG
165.1 x DN40 BSP	20.7	20.7	▪	▪	VK-MTT2-165048B	VK-MTT2-165048BG
165.1 x DN50 BSP	20.7	20.7	▪	▪	VK-MTT2-165060B	VK-MTT2-165060BG
165.1 x DN65 BSP	20.7	20.7	▪	▪	VK-MTT2-165076B	VK-MTT2-165076BG
165.1 x DN80 BSP	20.7	20.7	▪	▪	VK-MTT2-165089B	VK-MTT2-165089BG
168.3 x DN25 BSP	20.7	20.7	▪	▪	VK-MTT2-168034B	VK-MTT2-168034BG
168.3 x DN32 BSP	20.7	20.7	▪	▪	VK-MTT-168042B	VK-MTT-168042BG
168.3 x DN40 BSP	20.7	20.7	▪	▪	VK-MTT-168048B	VK-MTT-168048BG
168.3 x DN50 BSP	20.7	20.7	▪	▪	VK-MTT-168060B	VK-MTT-168060BG
168.3 x DN65 BSP	20.7	20.7	▪	▪	VK-MTT-168073B	VK-MTT-168073BG
168.3 x DN65 BSP	20.7	20.7	▪	▪	VK-MTT2-168076B	VK-MTT2-168076BG
168.3 x DN80 BSP	20.7	20.7	▪	▪	VK-MTT2-168089B	VK-MTT2-168076BG
219.1 x DN25 BSP	20.7	20.8	▪	▪	VK-MTT2-219034B	VK-MTT2-168089BG
219.1 x DN32 BSP	20.7	20.8	▪	▪	VK-MTT2-219042B	VK-MTT2-219034BG
219.1 x DN40 BSP	20.7	20.9	▪	▪	VK-MTT2-219048B	VK-MTT2-219042BG
219.1 x DN50 BSP	20.7	21.0	▪	▪	VK-MTT2-219060B	VK-MTT2-219048BG
219.1 x DN65 BSP	20.7	21.0	▪	▪	VK-MTT2-219076B	VK-MTT2-219076BG
219.1 x DN80 BSP	20.7	21.1	▪	▪	VK-MTT2-219089B	VK-MTT2-219089BG
219.1 x DN100 BSP	20.7	21.2	▪	▪	VK-MTT2-219114B	VK-MTT2-219114BG

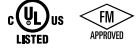


# Gasketed Fittings

## Mechanical Tee - Threaded NPT



- From 48.3 mm x 1" NPT to 219.1 mm x 4" NPT
- UL & FM approvals depending on specific size
- Available in red paint & galvanised



Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
48.3 x 1" NPT	16.0	-	■	-	VK-MTT2-048034N	VK-MTT2-048034NG
60.3 x 1/2" NPT	20.7	20.7	■	■	VK-MTT-060021N	VK-MTT-060021NG
60.3 x 3/4" NPT	20.7	20.7	■	■	VK-MTT-060027N	VK-MTT-060027NG
60.3 x 1" NPT	20.7	20.7	■	■	VK-MTT-060034N	VK-MTT-060034NG
60.3 x 1-1/4" NPT	20.7	20.7	■	■	VK-MTT-060042N	VK-MTT-060042NG
60.3 x 1-1/2" NPT	20.7	20.7	■	■	VK-MTT-060048N	VK-MTT-060048NG
73 x 1/2" NPT	20.7	20.7	■	■	VK-MTT-073021N	VK-MTT-073021NG
73 x 3/4" NPT	20.7	20.7	■	■	VK-MTT-073027N	VK-MTT-073027NG
73 x 1" NPT	20.7	20.7	■	■	VK-MTT-073034N	VK-MTT-073034NG
73 x 1-1/4" NPT	20.7	20.7	■	■	VK-MTT-073042N	VK-MTT-073042NG
73 x 1-1/2" NPT	20.7	20.7	■	■	VK-MTT-073048N	VK-MTT-073048NG
76.1 x 1" NPT	20.7	20.7	■	■	VK-MTT2-076034N	VK-MTT2-076034NG
76.1 x 1-1/4" NPT	20.7	20.7	■	■	VK-MTT2-076042N	VK-MTT2-076042NG
76.1 x 1-1/2" NPT	20.7	20.7	■	■	VK-MTT2-076048N	VK-MTT2-076048NG
76.1 x 2" NPT	16.0	-	■	-	VK-MTT2-076060N	VK-MTT2-076060NG
88.9 x 1/2" NPT	20.7	20.7	■	■	VK-MTT-089021N	VK-MTT-089021NG
88.9 x 3/4" NPT	20.7	20.7	■	■	VK-MTT-089027N	VK-MTT-089027NG
88.9 x 1" NPT	20.7	20.7	■	■	VK-MTT-089034N	VK-MTT-089034NG
88.9 x 1-1/4" NPT	20.7	20.7	■	■	VK-MTT-089042N	VK-MTT-089042NG
88.9 x 1-1/2" NPT	20.7	20.7	■	■	VK-MTT-089048N	VK-MTT-089048NG
88.9 x 2" NPT	20.7	20.7	■	■	VK-MTT-089060N	VK-MTT-089060NG
114.3 x 1/2" NPT	20.7	20.7	■	■	VK-MTT-114021N	VK-MTT-114021NG
114.3 x 3/4" NPT	20.7	20.7	■	■	VK-MTT-114027N	VK-MTT-114027NG
114.3 x 1" NPT	20.7	20.7	■	■	VK-MTT-114034N	VK-MTT-114034NG
114.3 x 1-1/4" NPT	20.7	20.7	■	■	VK-MTT-114042N	VK-MTT-114042NG
114.3 x 1-1/2" NPT	20.7	20.7	■	■	VK-MTT-114048N	VK-MTT-114048NG
114.3 x 2" NPT	20.7	20.7	■	■	VK-MTT-114060N	VK-MTT-114060NG
114.3 x 2-1/2" NPT	20.7	20.7	■	■	VK-MTT-114073N	VK-MTT-114073NG
114.3 x 2-1/2" NPT	20.7	20.7	■	■	VK-MTT2-114076N	VK-MTT2-114076NG
114.3 x 3" NPT	20.7	-	■	-	VK-MTT2-114089N	VK-MTT2-114089NG
139.7 x 1" NPT	20.7	20.7	■	■	VK-MTT2-139034N	VK-MTT2-139034NG
139.7 x 1-1/4" NPT	20.7	20.7	■	■	VK-MTT2-139042N	VK-MTT2-139042NG
139.7 x 1-1/2" NPT	20.7	20.7	■	■	VK-MTT2-139048N	VK-MTT2-139048NG
139.7 x 2" NPT	20.7	20.7	■	■	VK-MTT2-139060N	VK-MTT2-139060NG
139.7 x 2-1/2" NPT	20.7	20.7	■	■	VK-MTT2-139076N	VK-MTT2-139076NG
139.7 x 3" NPT	20.7	20.7	■	■	VK-MTT2-139089N	VK-MTT2-139089NG



# Gasketed Fittings

## Mechanical Tee - Threaded NPT (cont.)

Size (mm x DN)	Max. working pressure (bar)		Approvals		Part Number	
	UL	FM	UL	FM	Red	Galvanized
141.3 x 1" NPT	20.7	20.7	▪	▪	VK-MTT-141034N	VK-MTT-141034NG
141.3 x 1-1/4" NPT	20.7	20.7	▪	▪	VK-MTT-141042N	VK-MTT-141042NG
141.3 x 1-1/2" NPT	20.7	20.7	▪	▪	VK-MTT-141048N	VK-MTT-141048NG
141.3 x 2" NPT	20.7	20.7	▪	▪	VK-MTT-141060N	VK-MTT-141060NG
141.3 x 2-1/2" NPT	20.7	20.7	▪	▪	VK-MTT-141073N	VK-MTT-141073NG
165.1 x 1" NPT	20.7	20.7	▪	▪	VK-MTT2-165034N	VK-MTT2-165034NG
165.1 x 1-1/4" NPT	20.7	20.7	▪	▪	VK-MTT2-165042N	VK-MTT2-165042NG
165.1 x 1-1/2" NPT	20.7	20.7	▪	▪	VK-MTT2-165048N	VK-MTT2-165048NG
165.1 x 2" NPT	20.7	20.7	▪	▪	VK-MTT2-165060N	VK-MTT2-165060NG
165.1 x 2-1/2" NPT	20.7	20.7	▪	▪	VK-MTT2-165076N	VK-MTT2-165076NG
165.1 x 3" NPT	20.7	20.7	▪	▪	VK-MTT2-165089N	VK-MTT2-165089NG
168.3 x 1" NPT	20.7	20.7	▪	▪	VK-MTT2-168034N	VK-MTT2-168034NG
168.3 x 1-1/4" NPT	20.7	20.7	▪	▪	VK-MTT-168042N	VK-MTT-168042NG
168.3 x 1-1/2" NPT	20.7	20.7	▪	▪	VK-MTT-168048N	VK-MTT-168048NG
168.3 x 2" NPT	20.7	20.7	▪	▪	VK-MTT-168060N	VK-MTT-168060NG
168.3 x 2-1/2" NPT	20.7	20.7	▪	▪	VK-MTT-168073N	VK-MTT-168073NG
168.3 x 2-1/2" NPT	20.7	20.7	▪	▪	VK-MTT2-168076N	VK-MTT2-168076NG
168.3 x 3" NPT	20.7	20.7	▪	▪	VK-MTT2-168089N	VK-MTT2-168076NG
219.1 x 1" NPT	20.7	20.8	▪	▪	VK-MTT2-219034N	VK-MTT2-168089NG
219.1 x 1-1/4" NPT	20.7	20.8	▪	▪	VK-MTT2-219042N	VK-MTT2-219034NG
219.1 x 1-1/2" NPT	20.7	20.9	▪	▪	VK-MTT2-219048N	VK-MTT2-219042NG
219.1 x 2" NPT	20.7	21.0	▪	▪	VK-MTT2-219060N	VK-MTT2-219048NG
219.1 x 2-1/2" NPT	20.7	21.0	▪	▪	VK-MTT2-219076N	VK-MTT2-219076NG
219.1 x 3" NPT	20.7	21.1	▪	▪	VK-MTT2-219089N	VK-MTT2-219089NG
219.1 x 4" NPT	20.7	21.2	▪	▪	VK-MTT2-219114N	VK-MTT2-219114NG



NOTE

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**Trusted above all.**