



# HV & UHV Vacuum Products Catalogue

- ▶ **COMPONENTS**
- ▶ **CONSUMABLES**
- ▶ VALVES
- ▶ PUMPS
- ▶ GAUGES
- ▶ MANIPULATION

- ▶ MASS FLOW
- ▶ FEEDTHROUGHS
- ▶ CHAMBERS
- ▶ ASSEMBLIES
- ▶ MATERIALS
- ▶ SYSTEMS

# CF Flanges and Components

- Tees

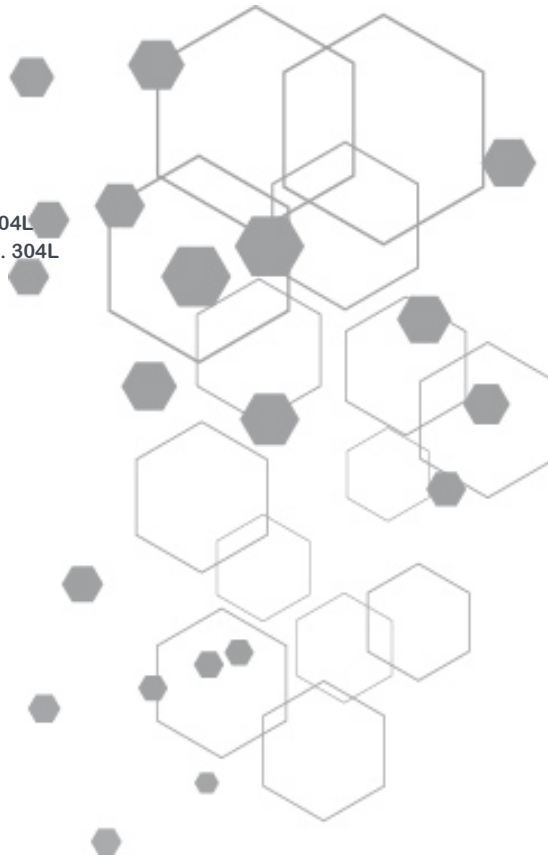


## CF Tees

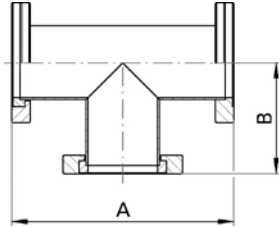
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CF Tees | Equal | Clearance Holes | SS 304L



- Standard material: SS 304L
- Also available in SS 316LN and Aluminium
- 1 flange fixed/2 flanges rotatable. Fixed straddled/in-line flanges by request
- Other flange sizes and combinations fabricated by request
- Custom lengths fabricated by request
- Use hex head bolt sets for clearance hole flanges
- Pressure range  $1 \times 10^{-9}$  mbar
- Temperature range: -195 to 300°C
- Full range of gaskets and bolt sets available in stock

SIZE	OD	A dim	B dim	Holes	Thread	Part Code
CF16	1.33"	76.2	38.1	6	-	CF16TEER
CF35	2.75"	62.5	62.5	6	-	CF35TEER
CF63	4.50"	209.2	104.6	8	-	CF63TEER
CF100	6.00"	269.6	134.8	16	-	CF100TEER
CF150	8.00"	333.2	166.6	20	-	CF150TEER
CF200	10.00"	381.0	190.5	24	-	CF200TEER

all dimensions are measured in millimetres (mm) unless otherwise stated

OFHC Copper Gaskets

SIZE	Material	Pack	Part Code
CF16	OFHC	10	CF16GCU
CF35	OFHC	10	CF35GCU
CF63	OFHC	10	CF63GCU
CF100	OFHC	10	CF100GCU
CF150	OFHC	10	CF150GCU
CF200	OFHC	10	CF200GCU

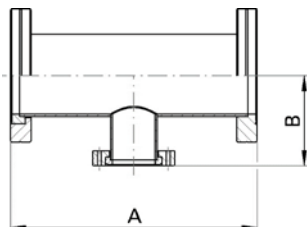
other gasket materials incl. annealed and plated also available

Hex Head Bolt Sets

SIZE	Material	Pack	Part Code
CF16	SS	25	HEX16BOLT
CF35	SS	25	HEX35BOLT
CF63	SS	25	HEX63BOLT
CF100	SS	25	HEX100BOLT
CF150	SS	25	HEX150BOLT
CF200	SS	25	HEX200BOLT

sets comprise bolts, washers and nuts  
cap screw bolts, vented and plate-nut sets available

CF Tees | UnEqual | Clearance Holes | SS 304L



- Standard material: SS 304L
- Also available in SS 316LN and Aluminium
- 1 flange fixed/2 flanges rotatable. Fixed straddled/in-line flanges by request
- Other flange sizes and combinations fabricated by request
- Custom lengths fabricated by request
- Use hex head bolt sets for clearance hole flanges
- Pressure range  $1 \times 10^{-9}$  mbar
- Temperature range: -195 to 300°C
- Full range of gaskets and bolt sets available in stock

SIZE	Small OD	Large OD	A dim	B dim	Thread	Part Code
CF16 / CF35	1.33"	2.75"	126.0	60.0	-	CF3516TEER
CF16 / CF63	1.33"	4.50"	210.0	77.0	-	CF6316TEER
CF16 / CF100	1.33"	6.00"	270.0	95.0	-	CF10063TEER
CF35 / CF63	2.75"	4.50"	210.0	77.0	-	CF6335TEER
CF35 / CF100	2.75"	6.00"	270.0	95.0	-	CF10035TEER
CF35 / CF150	2.75"	8.00"	334.0	120.0	-	CF15035TEER
CF63 / CF100	4.50"	6.00"	270.0	95.0	-	CF10063TEER
CF63 / CF150	4.50"	8.00"	334.0	120.0	-	CF15063TEER
CF63 / CF200	4.50"	10.00"	381.0	165.0	-	CF20063TEER
CF100 / CF150	6.00"	8.00"	334.0	120.0	-	CF150100TEER
CF100 / CF200	6.00"	10.00"	381.0	165.0	-	CF200100TEER
CF150 / CF200	8.00"	10.00"	381.0	165.0	-	CF200150TEER

all dimensions are measured in millimetres (mm) unless otherwise stated

OFHC Copper Gaskets

SIZE	Material	Pack	Part Code
CF16	OFHC	10	CF16GCU
CF35	OFHC	10	CF35GCU
CF63	OFHC	10	CF63GCU
CF100	OFHC	10	CF100GCU
CF150	OFHC	10	CF150GCU
CF200	OFHC	10	CF200GCU

other gasket materials incl. annealed and plated also available

Hex Head Bolt Sets

SIZE	Material	Pack	Part Code
CF16	SS	25	HEX16BOLT
CF35	SS	25	HEX35BOLT
CF63	SS	25	HEX63BOLT
CF100	SS	25	HEX100BOLT
CF150	SS	25	HEX150BOLT
CF200	SS	25	HEX200BOLT

sets comprise bolts, washers and nuts  
cap screw bolts, vented and plate-nut sets available



Contact us...



k-tech supplies ltd  
wild thyme  
udimore road  
broadland row  
broad oak  
rye  
east sussex  
tn31 6bx  
united kingdom

web : [www.ktechsupplies.co.uk](http://www.ktechsupplies.co.uk)  
email : [enquiries@ktechsupplies.co.uk](mailto:enquiries@ktechsupplies.co.uk)  
tel : +44 (0)1424 400 235  
fax : +44 (0)7006 044 223