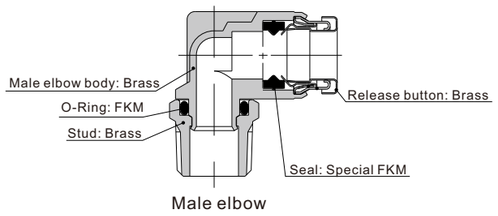
High Pressure Brass Fitting

Internal Structure



* Thread: NPT, BSPT, BSPP and metric thread
* Allowable tubing tolerance: For Φ4, Φ6, Φ8, and Φ10 mm tubing, the allowable tolerance is ±0.07 mm; for 12, 14, and 16 mm tubing, the allowable tolerance is ±0.1 mm.
* Working pressure: The working pressure depends on the materials and model used, but the maximum operating pressure must not exceed 60 kg.

Specifications

Working medium	Air, Water
Working temperature	-20 to 70°C
Max. working pressure	6MPa (870psi)
Applicable tube	PA11, PA12, PA6, PU (98 Shore A)

Ordering Code High Pressure Brass Fitting

VC — Series code

08 — Tube outside
04: 4mm 5/32": 5/32"
06: 6mm 3/16": 3/16"
08: 8mm 1/4": 1/4"
10: 10mm 5/16: 5/16"
12: 12mm 3/8": 3/8"
14: 14mm 1/2": 1/2"
16: 16mm

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02 — Thread
M5: M5×0.8 G01: 1/8"BSP 1/8"N: 1/8"NPT
M6: M6×1.0 G02: 1/4"BSP 1/4"N: 1/4"NPT
01: 1/8"PT G03: 3/8"BSP 3/8"N: 3/8"NPT
02: 1/4"PT G04: 1/2"BSP 1/2"N: 1/2"NPT
03: 3/8"PT
04: 1/2"PT

Tube Size

	Tube(Metric)							Tube(Inch)					
Code	4	6	8	10	12	14	16	5/32	3/16	1/14	5/16	3/8	1/2
Tube Outside	Φ4	Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ5/32	Φ3/16	Φ1/14	Φ5/16	Φ3/8	Φ1/2

Thread

	Thread（Metric）							
Code	M5	M6	M8	M10	M12	M14	M16	M20
Thread	M5x0. 8	M6x1.0	M8x1.0	M10x1.0	M12x1. 25	M14x1. 5	M16x1. 5	M20x1. 5

	55° Thread(R)				
Code	01	02	03	04	06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4

	55° Thread(G)				
Code	G01	G02	G03	G04	G06
Thread	G1/8	G1/4	G3/8	G1/2	G3/4

	Thread(UNF)	US Thread 60°				
Code	U10	01N	02N	03N	04N	06N
Thread	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4

ISO9001 CE

High Pressure Brass Fitting

VC



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VC04-M5	VC10-01
VC04-01	VC10-02
VC04-02	VC10-03
VC06-M5	VC10-04
VC06-01	VC12-02
VC06-02	VC12-03
VC08-01	VC12-04
VC08-02	VC16-03
VC08-03	VC16-04
VC08-04	

VB



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VB04-M5	VB10-01
VB04-01	VB10-02
VB04-02	VB10-03
VB06-M5	VB10-04
VB06-01	VB12-02
VB06-02	VB12-03
VB08-01	VB12-04
VB08-02	VB16-03
VB08-03	VB16-04
VB08-04	

VOC



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VOC04-M5	VOC10-01
VOC04-01	VOC10-02
VOC04-02	VOC10-03
VOC06-M5	VOC10-04
VOC06-01	VOC12-02
VOC06-02	VOC12-03
VOC08-01	VOC12-04
VOC08-02	
VOC08-03	
VOC08-04	

VD



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VD04-M5	VD10-01
VD04-01	VD10-02
VD04-02	VD10-03
VD06-M5	VD10-04
VD06-01	VD12-02
VD06-02	VD12-03
VD08-01	VD12-04
VD08-02	VD16-03
VD08-03	VD16-04
VD08-04	

VCF



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VCF04-M5	VCF10-01
VCF04-01	VCF10-02
VCF04-02	VCF10-03
VCF06-M5	VCF10-04
VCF06-01	VCF12-02
VCF06-02	VCF12-03
VCF08-01	VCF12-04
VCF08-02	VCF16-03
VCF08-03	VCF16-04
VCF08-04	

VH



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VH04-M5	VH10-02
VH04-01	VH10-03
VH04-02	VH10-04
VH06-M5	VH12-03
VH06-01	VH12-04
VH06-02	
VH08-01	
VH08-02	
VH08-03	
VH08-04	

VL



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VL04-M5	VL10-01
VL04-01	VL10-02
VL04-02	VL10-03
VL06-M5	VL10-04
VL06-01	VL12-02
VL06-02	VL12-03
VL08-01	VL12-04
VL08-02	VL16-03
VL08-03	VL16-04
VL08-04	

VVC



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VVC04-M5	VVC10-02
VVC04-01	VVC10-03
VVC04-02	VVC10-04
VVC06-M5	VVC12-03
VVC06-01	VVC12-04
VVC06-02	
VVC08-01	
VVC08-02	
VVC08-03	
VVC08-04	

High Pressure Brass Fitting

VM



Model(ΦD-T)
Tube(Metric)-Thread(G)
VM04
VM06
VM08
VM10
VM12
VM14
VM16

VZA



Model(ΦD-T)
Tube(Metric)-Thread(G)
VZA04
VZA06
VZA08
VZA10
VZA12
VZA14
VZA16

VU



Model(ΦD-T)
Tube(Metric)-Thread(G)
VU04
VU06
VU08
VU10
VU12
VU14
VU16

VY



Model(ΦD-T)
Tube(Metric)-Thread(G)
VY04
VY06
VY08
VY10
VY12
VY14
VY16

VV



Model(ΦD-T)
Tube(Metric)-Thread(G)
VV04
VV06
VV08
VV10
VV12
VV14
VV16

VGJ



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VGJ06-04	VGJ14-12
VGJ08-04	VGJ16-14
VGJ08-06	
VGJ10-06	
VGJ10-08	
VGJ12-08	
VGJ12-10	

VE



Model(ΦD-T)
Tube(Metric)-Thread(G)
VE04
VE06
VE08
VE10
VE12
VE14
VE16

VG



Model(ΦD-T)	
Tube(Metric)-Thread(G)	
VG06-04	VG14-12
VG08-04	VG16-14
VG08-06	
VG10-06	
VG10-08	
VG12-08	
VG12-10	