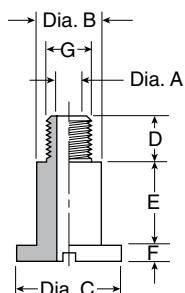


Cup screws

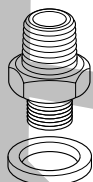
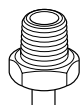


Dimensions (mm)

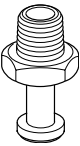
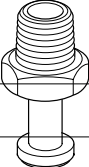
Part number	A	B	C	D	E	F	G
TN-PF-15-M5	2.5	5	8	5.5	1.5	2	M5
TN-PF-20-M5	2.5	5	11	6	3	2	M5
TN-PF-25-M6	3.5	8.5	14	6	11	2	M6
TN-PF-50-M6	3.5	8	20	6	6	2	M6
TN-PF-50-M8	4	8	20	10	5	2	M8
TN-PF-10-M5	2.5	3	6	5.5	2	2	M5
TN-PF-30-M6	3.4	8	15	10.5	10.5	3	M6
TN-PC-30-M8	3.9	8	15	12	10	3	M8
TN-PC-90-M12	3.9	12	25	11	19	5	M12

Male threaded cup fittings

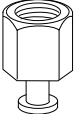
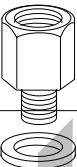
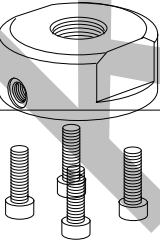
Cup fitting	Cup series	Cup assembly	Vacuum port
FTM-5A-M5	PFG / PBG / PJG / PCG	PFTM / PBTM / PJTM / PCTM	M5
FTM-5A-G1	PFG / PBG / PJG / PCG	PFTM / PBTM / PJTM / PCTM	1/8 BSPP
FTM-20B-G1	PFG / PBG / PJG	PFTM / PBTM / PJTM	1/8 BSPP
FTM-20B-G2	PFG / PBG / PJG	PFTM / PBTM / PJTM	1/8 BSPP
FTM-20B-N1	PFG / PBG / PJG	PFTM / PBTM / PJTM	1/8 NPT
FTM-20B-M10	PFG / PBG / PJG	PFTM / PBTM / PJTM	M10
FTM-50-G1	PFG / PBG / PJG	PFTM / PBTM / PJTM	1/8 BSPP
FTM-50-N1	PFG / PBG / PJG	PFTM / PBTM / PJTM	1/8 NPT
FTM-50-G2	PFG / PBG / PJG	PFTM / PBTM / PJTM	1/8 BSPP
FTM-60-G2	PFG / PBG / PJG	PFTM / PBTM / PJTM	1/8 BSPP
FTM-60-N2	PFG / PBG / PJG	PFTM / PBTM / PJTM	1/4 NPT
FTM-60-M10	PFG / PBG / PJG	PFTM / PBTM / PJTM	M10
CTM-10-M5	PCG	PCTM	M5
CTM-10-G1	PCG	PCTM	1/8 BSPP
CTM-10-N1	PCG	PCTM	1/8 NPT



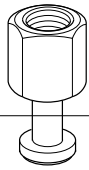
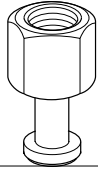
**Male threaded cup fittings**

	Cup fitting	Cup series	Cup assembly	Vacuum port
	CTM-30-G1	PCG	PCTM	1/8 BSPP
	CTM-30-N1	PCG	PCTM	1/8 NPT
	CTM-30-G2	PCG	PCTM	1/8 BSPP
	CTM-90-G2	PCG	PCTM	1/8 BSPP
	CTM-90-N2	PCG	PCTM	1/4 NPT



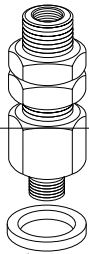


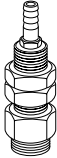
**Female threaded cup fittings**

	Cup fitting	Cup series	Cup assembly	Vacuum port
	FTF-5A-M5	PFG / PBG / PJG	PFTF / PBTF / PJTF	M5
	FTF-5A-G1	PFG / PBG / PJG	PFTF / PBTF / PJTF	1/8 BSPP
	FTF-20B-G1	PFG / PBG / PJG	PFTF / PBTF / PJTF	1/8 BSPP
	FTF-20B-G2	PFG / PBG / PJG	PFTF / PBTF / PJTF	1/4 BSPP
	FTF-50-G1	PFG / PBG / PJG	PFTF / PBTF / PJTF	1/8 BSPP
	FTF-50-G2	PFG / PBG / PJG	PFTF / PBTF / PJTF	1/4 BSPP
	FTF-60-G2	PFG / PBG / PJG	PFTF / PBTF / PJTF	1/4 BSPP
	FTF-60-N2	PFG / PBG / PJG	PFTF / PBTF / PJTF	1/4 NPT
	FTF-120-G4	PFG / PBG	PFTF / PBTF	1/2 BSPP
	FTF-120-N4	PFG / PBG	PFTF / PBTF	1/2 NPT
	CTF-10-G1	PCG	PCTF	1/8 BSPP

**Female threaded cup fittings**

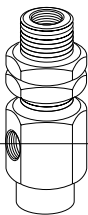
	Cup fitting	Cup series	Cup assembly	Vacuum port
	CTF-30-G1	PCG	PCTF	1/8 BSPP
	CTF-30-N1	PCG	PCTF	1/8 NPT
	CTF-90-G2	PCG	PCTF	1/4 BSPP
	CTF-90-N2	PCG	PCTF	1/4 NPT

**Bulkhead cup fittings**

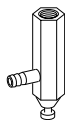
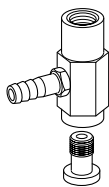

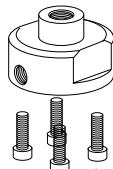
	Cup fitting	Cup series	Cup assembly	Vacuum port
	FTK-5A	PFG / PBG / PJG / PCG / PAG	PFTK / PBTK / PJTK / PCTK / PATK	Barb Fitting
	FTK-15	PFG / PBG / PJG	PFTK / PBTK / PJTK	Barb Fitting
	FTK-20	PFG / PFOG / PBG / PJG	PFTK / PBTK / PJTK	Barb Fitting
	FTK-25	PFG / PFOG / PBG / PJG	PFTK / PBTK / PJTK	Barb Fitting
	FTK-50	PFG / PBG / PJG	PFTK / PBTK / PJTK	Barb Fitting
	FTK-60-G1	PFG / PBG / PJG	PFTK / PBTK / PJTK	1/8 BSPP
	FTK-60-N1	PFG / PBG / PJG	PFTK / PBTK / PJTK	1/8 NPT
	CTK-10	PCG	PCTK	Barb Fitting
		PCG	PCTK	Barb Fitting
	UTYK-20	PUGB	PUTYK	Barb Fitting
	UTYK-40			

**A**


### Bulkhead cup fittings

	Cup fitting	Cup series	Cup assembly	Vacuum port
	UTYK-60-G1	PUGB	PUTYK	1/8 BSPP
	UTYK-60-R1	PUGB	PUTYK	1/8 BSPT
	UTYK-60-N1	PUGB	PUTYK	1/8 NPT

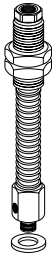
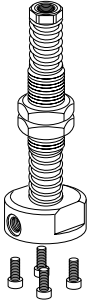
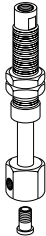
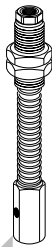
### 90° cup fittings

	Cup fitting	Cup series	Cup assembly	Vacuum port
	FYK-5A	PFG / PBG / PJG / PCG	PFYK / PBYK / PJYK / PCYK	Barb Fitting
	FYK-15	PFG / PBG / PJG	PFYK / PBYK / PJYK	Barb Fitting
	FYK-20	PFG / PBG / PJG	PFYK / PBYK / PJYK	
	FYK-25	PFG / PBG / PJG	PFYK / PBYK / PJYK	
	FYK-50	PFG / PBG / PJG	PFYK / PBYK / PJYK	
	FYK-60-G1	PFG / PBG / PJG	PFYK / PBYK / PJYK	1/8 BSPP
	FYK-60-N1	PFG / PBG / PJG	PFYK / PBYK / PJYK	1/8 NPT
	FYK-120-G1	PFG / PBG	PFYK / PBYK	1/8 BSPP
	FYK-120-N1	PFG / PBG	PFYK / PBYK	1/8 NPT

### Level compensators

	Assembly part number	Cup series	Cup assembly	Compensator only	Cup fitting
	FTYS-2A-3-M3	PFG / PBG / PJG	PFTYS / PBTYS / PJTYS	TYS-M5-3-M5	FTY-2A-M5-M3
	FTYS-2A-15-M3			TYS-M5-15-M5	
	FTYS-5A-10-M5	PFG / PBG	PFTYS / PBTYS	TYS-M5-10-M5	FTY-5A-M5-M5
	FTYS-5A-15-M5			TYS-M5-15-M5	
	FTYS-20B-15-M5	PFG / PBG / PJG	PFTYS / PBTYS / PJTYS	TYS-M8-15-M5	FTY-20B-M8-M5
	FTYS-20B-30-M5			TYS-M8-30-M5	
	FTYS-50-15-M5	PFG / PBG / PJG	PFTYS / PBTYS / PJTYS	TYS-M8-15-M5	FTY-50
	FTYS-50-30-M5			TYS-M8-30-M5	

**Level compensators**

	Assembly part number	Cup series	Cup assembly	Compensator only	Cup fitting
	FTYS-60-30-G1			TYS-M14-25-G1	
	—————	PFG / PBG / PJG	PFTYS / PBTYS / PJTYS	—————	FTY-60/95
	FTYS-60-50-G1			TYS-M14-45-G1	
	FTYS-120-20-G2	PFG / PBG	PFTYS / PBTYS	TYS110/200M1820	FTY-120-N2
	FTYS-120-50-G2	PFG / PBG	PFTYS / PBTYS	TYS110/200M1870	FTY-120-N2
	JTYS-10-10-M5			NAPJYS-10-10-K	
	—————	PJG	PJTYS	—————	TN-PF-15-M5
	JTYS-10-15-M5			NAPJYS-10-15-K	
	UTYS-60-30-G1			TYS-M14-25-N	
	—————	PUGB	PUTYS	—————	UTY-60-M14-N1
	UTYS-60-50-G1			TYS-M14-45-N	

**A**