



CONE AND THREAD MEDIUM PRESSURE FITTINGS- HMP Series

For Pressures up to 20,000 psig (1378 bar)

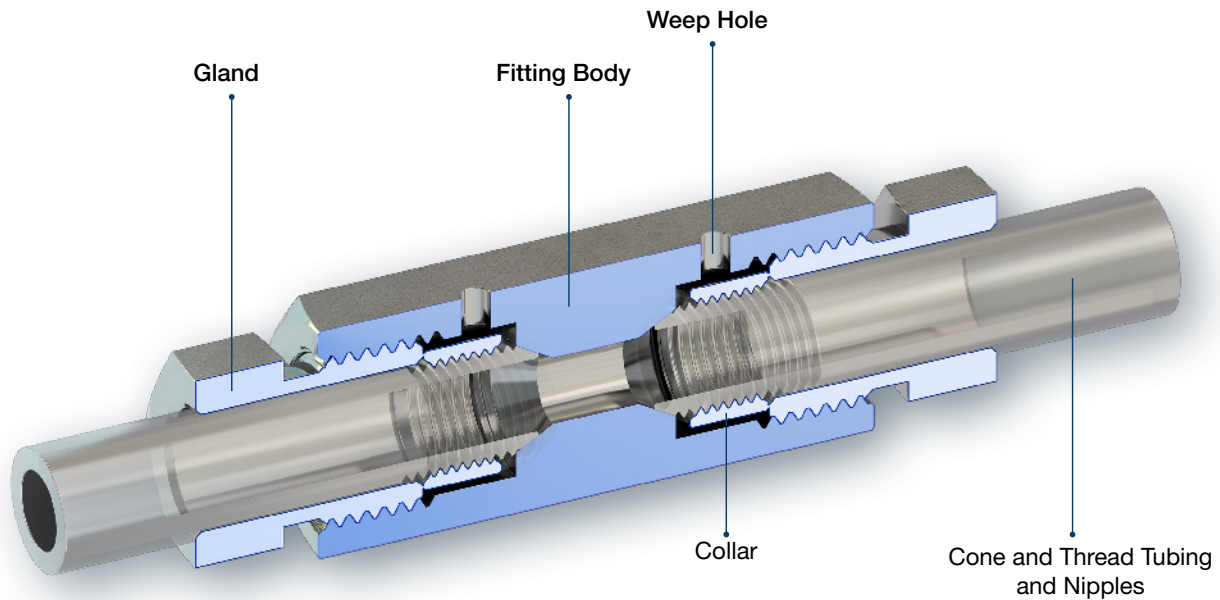


- ✓ Variety of size ranges: 1/4", 3/8", 9/16", 3/4" and 1"
- ✓ Cone and thread (C&T) connection ensures reliable medium-pressure performance.
- ✓ 316L stainless steel construction



CONE & THREAD MEDIUM PRESSURE FITTINGS

For Pressures up to 20,000 psig (1378 bar)



FEATURES

- Cone and thread (C&T) connection ensures reliable performance in medium pressure applications, handling pressures up to 20,000 psi (1378 bar)
- Available in a variety of configurations, including couplings, elbows, tees, crosses, bulk heads, and adapters
- Variety of size ranges: 1/4", 3/8", 9/16", 3/4" and 1"
- Weep holes on all pressure connections provide verification of proper installation
- Constructed from strain-hardened 316 stainless steel for enhanced durability and strength.

APPLICATIONS

- Hydrogen
- Process control
- Instrumentation
- Chemical sampling
- Test stands
- Waterjet cutting/blasting
- Oil and Gas
- Wellhead control panels
- Hydraulic control panels
- Grease injector units
- Blowout preventers
- Chemical injection skids

GLAND



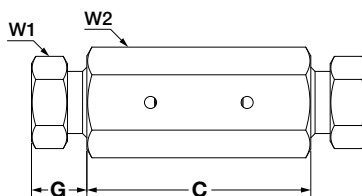
Ordering Information	Tube Size
HMPFS20-G-MM4=PACK10	1/4"
HMPFS20-G-MM6=PACK10	3/8"
HMPFS20-G-MM9=PACK10	9/16"
HMPFS20-G-MM12=PACK10	3/4"
HMPFS20-G-MM16=PACK10	1"

COLLAR



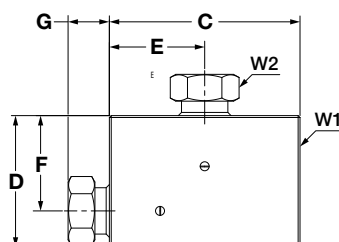
Ordering Information	Tube Size
HMPFS20-S-MF4=PACK10	1/4"
HMPFS20-S-MF6=PACK10	3/8"
HMPFS20-S-MF9=PACK10	9/16"
HMPFS20-S-MF12=PACK10	3/4"
HMPFS20-S-MF16=PACK10	1"

STRAIGHT COUPLING



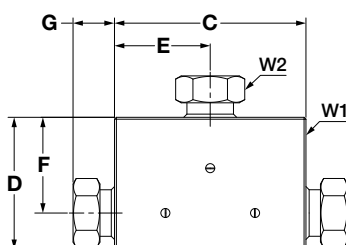
Ordering Information	Tube O.D.	Orifice		C		G		W1 Hex Flat	W2 Hex Flat
	inch	inch	mm	inch	mm	inch	mm	inch	inch
HMPFS20-A-MF4	1/4	0.125	3.18	1.62	41.10	0.38	9.53	1/2	5/8
HMPFS20-A-MF6	3/8	0.219	5.56	1.75	44.50	0.44	11.18	5/8	3/4
HMPFS20-A-MF9	9/16	0.359	9.12	2.12	53.80	0.53	13.46	7/8	1
HMPFS20-A-MF12	3/4	0.516	13.11	2.50	63.50	0.62	15.75	1-3/16	1-3/8
HMPFS20-A-MF16	1	0.688	17.48	3.50	89.90	0.72	18.29	1-3/8	1-3/4

ELBOW



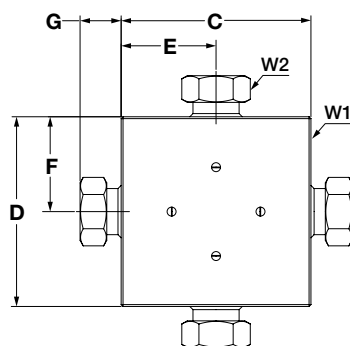
Ordering Information	TUBE O.D.		Orifice		C		D		E		F		G		W1 Hex Flat	W2 Hex Flat
	inch		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	inch
HMPFS20-L-MF4	1/4		0.125	3.18	1.50	38.10	1.12	28.45	0.75	19.05	0.75	19.05	0.38	9.53	5/8	1/2
HMPFS20-L-MF6	3/8		0.219	5.56	2.00	50.80	1.38	35.05	1.00	25.40	1.00	25.40	0.44	11.18	3/4	5/8
HMPFS20-L-MF9	9/16		0.359	9.12	2.50	63.50	1.75	44.45	1.25	31.75	1.25	31.75	0.53	13.46	1	7/8
HMPFS20-L-MF12	3/4		0.516	13.11	3.00	76.20	2.25	57.20	1.50	38.10	1.50	38.10	0.62	15.75	1-3/8	1-3/16
HMPFS20-L-MF16	1		0.688	17.48	4.12	104.90	3.00	76.20	2.06	52.45	2.06	52.45	0.72	18.29	1-3/4	1-3/8

TEE



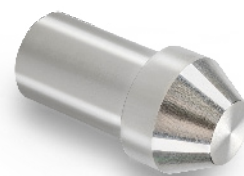
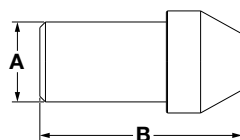
Ordering Information	TUBE O.D.		Orifice		C		D		E		F		G		W1 Hex Flat	W2 Hex Flat
	inch		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	inch
HMPFS20-T-MF4	1/4		0.125	3.18	1.50	38.10	1.12	28.45	0.75	19.05	0.75	19.05	0.38	9.53	5/8	1/2
HMPFS20-T-MF6	3/8		0.219	5.56	2.00	50.80	1.38	35.05	1.00	25.40	1.00	25.40	0.44	11.18	3/4	5/8
HMPFS20-T-MF9	9/16		0.359	9.12	2.50	63.50	1.75	44.45	1.25	31.75	1.25	31.75	0.53	13.46	1	7/8
HMPFS20-T-MF12	3/4		0.516	13.11	3.00	76.20	2.25	57.20	1.50	38.10	1.50	38.10	0.62	15.75	1-3/8	1-3/16
HMPFS20-T-MF16	1		0.688	17.48	4.12	104.90	3.00	76.20	2.06	52.45	2.06	52.45	0.72	18.29	1-3/4	1-3/8

CROSS



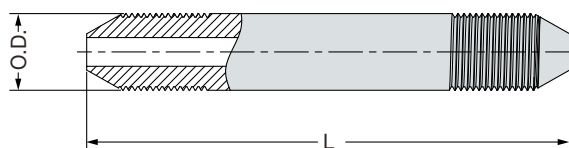
Ordering Information	TUBE O.D.		Orifice inches		C		D		E		F		G		W1 Hex Flat	W2 Hex Flat
	inch		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	inch
HMPFS20-X-MF4	1/4		0.125	3.18	1.50	38.10	1.50	38.10	0.75	19.05	0.75	19.05	0.38	9.53	5/8	1/2
HMPFS20-X-MF6	3/8		0.219	5.56	2.00	50.80	2.00	50.80	1.00	25.40	1.00	25.40	0.44	11.18	3/4	5/8
HMPFS20-X-MF9	9/16		0.359	9.12	2.50	63.50	2.50	63.50	1.25	31.75	1.25	31.75	0.53	13.46	1	7/8
HMPFS20-X-MF12	3/4		0.516	13.11	3.00	76.20	3.00	76.20	1.50	38.10	1.50	38.10	0.62	15.75	1-3/8	1-3/16
HMPFS20-X-MF16	1		0.688	17.48	4.12	104.90	4.12	104.90	2.06	52.45	2.06	52.45	0.72	18.29	1-3/4	1-3/8

PLUG



Ordering Information	TUBE O.D.		A		B	
	inch	mm	inch	mm	inch	mm
HMPFS20-P-MF4	1/4	6.35	0.25	6.25	0.94	23.90
HMPFS20-P-MF6	3/8	9.53	0.37	9.50	1.25	31.80
HMPFS20-P-MF9	9/16	14.29	0.56	14.25	1.42	36.05
HMPFS20-P-MF12	3/4	19.05	0.75	19.05	1.62	41.15
HMPFS20-P-MF16	1	25.40	1.00	25.40	2.19	55.65

Tube Nipples for Cone and Thread Products



"Ordering Information"	O.D Tube Diameter		L Tube Length	
	Inch	mm	inch	mm
HMPFS20-NE-MM4-2.75	¼	6.35	2.75	69.85
HMPFS20-NE-MM4-6	¼	6.35	6	152.4
HMPFS20-NE-MM4-8	¼	6.35	8	203.2
HMPFS20-NE-MM4-10	¼	6.35	10	254
HMPFS20-NE-MM4-12	¼	6.35	12	304.8
HMPFS20-NE-MM6-3	3/8	9.53	3	76.2
HMPFS20-NE-MM6-6	3/8	9.53	6	152.4
HMPFS20-NE-MM6-8	3/8	9.53	8	203.2
HMPFS20-NE-MM6-10	3/8	9.53	10	254
HMPFS20-NE-MM6-12	3/8	9.53	12	304.8
HMPFS20-NE-MM9-4	9/16	14.29	4	101.6
HMPFS20-NE-MM9-6	9/16	14.29	6	152.4
HMPFS20-NE-MM9-8	9/16	14.29	8	203.2
HMPFS20-NE-MM9-10	9/16	14.29	10	254
HMPFS20-NE-MM9-12	9/16	14.29	12	304.8
HMPFS20-NE-MM12-4	¾	19.05	4	101.6
HMPFS20-NE-MM12-6	¾	19.05	6	152.4
HMPFS20-NE-MM12-8	¾	19.05	8	203.2
HMPFS20-NE-MM12-10	¾	19.05	10	254
HMPFS20-NE-MM12-12	¾	19.05	12	304.8
HMPFS20-NE-MM16-6	1	25.4	6	152.4
HMPFS20-NE-MM16-8	1	25.4	8	203.2
HMPFS20-NE-MM16-10	1	25.4	10	254
HMPFS20-NE-MM16-12	1	25.4	12	304.8

- The ordering numbers in the table apply to cold-drawn 316/316L stainless steel material.
- Custom-length tube nipples are available upon request—please contact your authorized UCT representative

ORDERING INFORMATION MEDIUM PRESSURE CONE AND THREAD FITTINGS

HMPF	S	20	-	A	-	M	F	F
Fitting Type	Material	PSI		Component Type	Connection Style	Connection Type	Connection Size	
Ham-Let Medium pressure Fittings	S ST 316	20 20,000		A Straight Coupling	M Medium Pressure	F Female	4 1/4"	
				C Cap		M Male	6 3/8"	
				G Gland			9 9/16"	
				L Elbow			12 3/4"	
				S Collar			16 1"	
				P Plug				
				T Tee				
				X Cross				
				NE Nipples				

WARNING!

The system designer and user have the sole responsibility for selecting products suitable for their special application requirements, ensuring their safe and trouble-free installation, operation, and maintenance. Application details, material compatibility and product ratings should all be considered for each selected product. Improper selection, installation or use of products can cause property damage or personal injury.