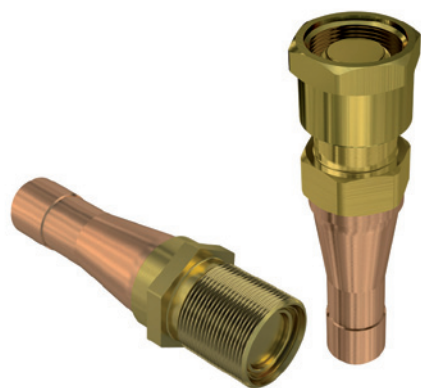


RF

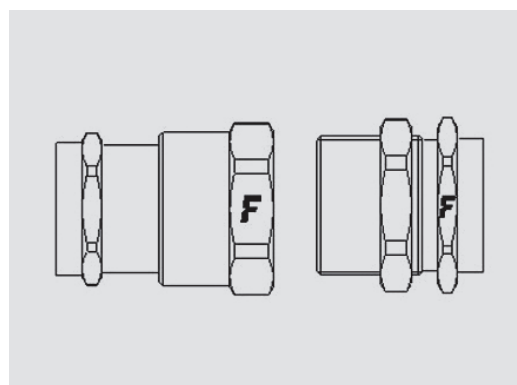


Screw to connect couplings for air conditioning & refrigeration application.

This range of couplings has been specifically designed for air conditioning and refrigeration systems. Interchangeability according to market driven standards. Available in several versions in steel, brass and with copper sweat braise adaptor.



Applications

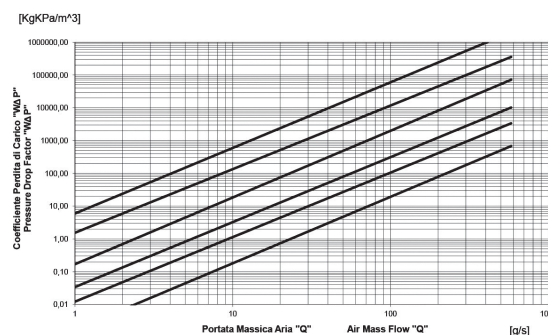


Technical Specifications

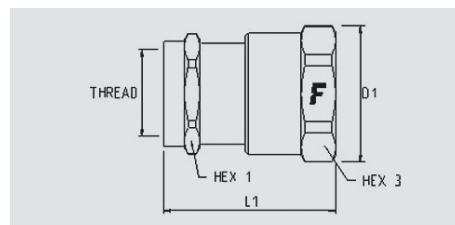
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
04	6,3	1/4"	3,5				53	10,5	100
06	10	3/8"	6				21	19	26
08	12,5	1/2"	5				26	15	25
12	20	3/4"	5				21	15	19
16	25	1"	5				13	15	15

Material	Brass; Steel
Seals	CR
Working temperatures	- 40 °C to + 120 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	MARKET
Valve Type	Flat
Connection	Screw to Connect
Disconnection	Unscrew to Disconnect
Connection Under Pressure	Allowed Residual

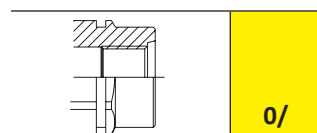
Pressure Drop



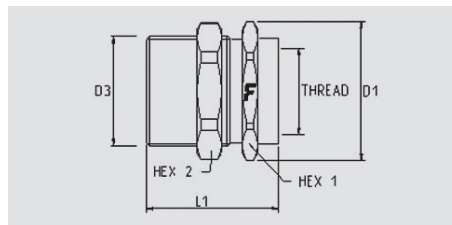
RF



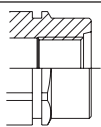
Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/4"	6,3	0/ SAE	ASME B1.1	1/2" -20 UNF FEMALE ORB	RF 04 F N	28	1,1	21	0,8	16	0,6
3/8"	10	0/ METRIC	ISO 6149-1	M18x1,5 FEMALE ORB	RF 06 F 5 N	34,9	1,4	27	1,1	22	0,9
3/8"	10	0/ METRIC	ISO 6149-1	M18x1,5 FEMALE ORB	RF 06 F N	34,9	1,4	27	1,1	22	0,9
3/8"	10	COPPER SWEAT	n.a.	3/8"	RF 06 CS095 F5N	76	3	27	1,1	22	0,9
1/2"	12,5	0/ SAE	ASME B1.1	7/8" -20 UNEF FEMALE ORB	RF 08 F N	46,5	1,8	34	1,3	27	1,1
1/2"	12,5	COPPER SWEAT		1/2"	RF 08 CS125 F5N	107	4,2	34	1,3	27	1,1
1/2"	12,5	COPPER SWEAT		5/8"	RF 08 CS160 F5N	107	4,2	34	1,3	27	1,1
1/2"	12,5	COPPER SWEAT		3/8"	RF 08 CS095 F5N	111	4,4	34	1,3	27	1,1
3/4"	20	0/ SAE	ASME B1.1	1-1/4" -18 UNEF FEMALE ORB	RF 12 F N	55,5	2,2	45	1,8	36	1,4
3/4"	20	COPPER SWEAT		5/8"	RF 12 CS160 F5N	131	5,2	45	1,8	36	1,4
3/4"	20	COPPER SWEAT		3/4"	RF 12 CS190 F5N	131	5,2	45	1,8	36	1,4
3/4"	20	COPPER SWEAT		7/8"	RF 12 CS220 F5N	131	5,2	45	1,8	36	1,4
1"	25	-		-	RF 16 F N	61,5	2,4	55	2,2	46	1,8
1"	25	COPPER SWEAT		7/8"	RF 16 CS220 F5N	146,5	5,8	55	2,2	46	1,8
1"	25	COPPER SWEAT		1"	RF 16 CS255 F5N	146,5	5,8	55	2,2	46	1,8



RF



Size		Thread details			MALE								
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
3/8"	10	O/ METRIC	ISO 6149-1	M18x1,5 FEMALE ORB	RF 06 M 5 N	26,5	1	24	0,9	20	0,8	22	0,9
3/8"	10	O/ METRIC	ISO 6149-1	M18x1,5 FEMALE ORB	RF 06 M N	27,5	1,1	27	1,1	20	0,8	22	0,9
3/8"	10	O/ METRIC	ISO 6149-1	M20x1,5	RF 06 M N	27,5	1,1	27	1,1	20	0,8	22	0,9
3/8"	10	COPPER SWEAT		1/4"	RF 06 CS065 M5N	67,5	2,7	25	1	20	0,8	22	0,9
3/8"	10	COPPER SWEAT		3/8"	RF 06 CS095 M5N	67,5	2,7	25	1	20	0,8	22	0,9
1/2"	12,5	O/ SAE	ASME B1.1	1"-20 UNEF	RF 08 M N	38,5	1,5	32	1,3	25,4	1	28	1,1
1/2"	12,5	COPPER SWEAT		1/2"	RF 08 CS125 M5N	96	3,8	32	1,3	25,4	1	28	1,1
1/2"	12,5	COPPER SWEAT		3/8"	RF 08 CS095 M5N	100	3,9	32	1,3	25,4	1	28	1,1
1/2"	12,5	COPPER SWEAT		1/2"	RFR08 TS125LM5N	159,5	6,3	32	1,3	25,4	1	28	1,1
3/4"	20	O/ SAE	ASME B1.1	1"-7/16"-16 UN	RF 12 M N	73,5	2,9	46	1,8	36,5	1,4	41	1,6
3/4"	20	COPPER SWEAT		5/8"	RF 12 CS160 M5N	118,5	4,7	46	1,8	36,5	1,4	41	1,6
3/4"	20	COPPER SWEAT		3/4"	RF 12 CS190 M5N	118,5	4,7	46	1,8	36,5	1,4	41	1,6
3/4"	20	COPPER SWEAT		7/8"	RF 12 CS220 M5N	118,5	4,7	46	1,8	36,5	1,4	41	1,6
1"	25				RF 16 M N	81,5	3,2	53	2,1	44,5	1,8	48	1,9
1"	25	COPPER SWEAT		7/8"	RF 16 CS220 M5N	130,8	5,2	53	2,1	44,5	1,8	48	1,9
1"	25	COPPER SWEAT		1"	RF 16 CS255 M5N	130,8	5,2	53	2,1	44,5	1,8	48	1,9



O/

RF accessories

Aluminium dust caps

 Plugs suitable for FEMALE					 Caps suitable for MALE				
Size			Plug Details		Size			Cap Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
1/4"	6,3	04	TMRF 04 S N		1/4"	6,3	04	TFRF 04 S	
3/8"	10	06	TMRF 06 S N		3/8"	10	06	TFRF 06 S N	
1/2"	12,5	08	TMRF 08 S N		1/2"	12,5	08	TFRF 08 S N	
3/4"	20	12	TMRF 12 S N		3/4"	20	12	TFRF 12 S N	
1"	25	16	TMRF 16 S N		1"	25	16	TFRF 16 S N	