

FLEXQ
CONNECTORS

UPT
French Standard Profile for Cooling



LINKING PRECISION WITH PERFORMANCE

UPT, the French standard quick coupling system for low pressure applications

Characteristics

- One-hand connection
- High quality materials
- Compact and ergonomic design
- Easy sealing concept
- Extensive range
- Available in 3 diameters
- Colour coding

Clampless hose system

- Allows time-saving assembly without using hose clamps
- Space saving
- Reduces the risk of injury from sharp clamps
- Extensive application possibilities

Easy sealing concept

The external O-ring on the plug can be replaced quickly and easily.



UPT
FULL FLOW

VALVES

SERIE UPT

PROFILE FRENCH

Options

- Colour coding
- Stainless Steel
- Safety locking
- High Temperature

R / B
VA
S
HT

Applications

- Cooling and heating
- Injection moulding



Materials

Body Socket	Brass
Body Plug	Brass
Sleeve	Brass
Valve	Brass
Locking Ring	Stainless steel
Spring	Stainless steel
Balls	Stainless steel
Seals	Nitrile (N)



Temperature range

Nitril (NBR)	N	- 15 °C +100 °C
Fluorcarbon (FPM)	V	- 20 °C +160 °C (Water) -20 °C +200 °C (Heating Oil)



Flow Size

UPT 06 UPT 08 UPT 12

6 8 12



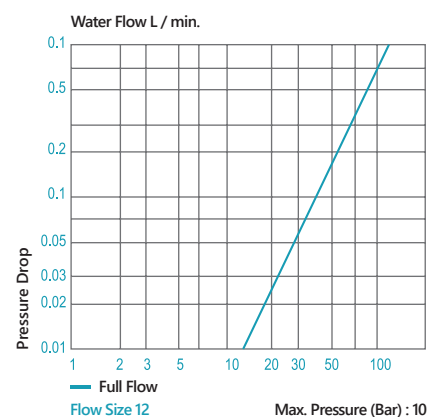
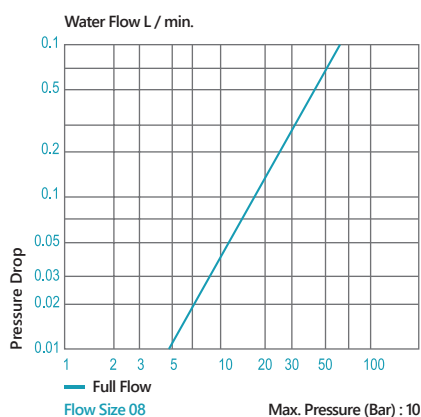
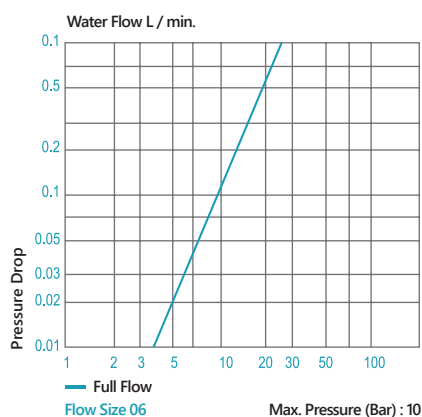
Pressure

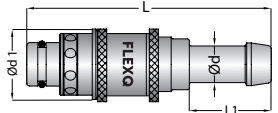
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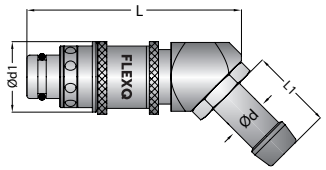
Always make sure that no medium is flowing before disconnecting
The use of this series at media temperatures above 100°C is not recommended

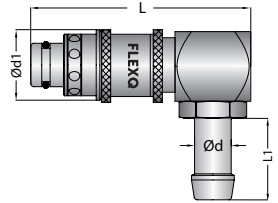
FLEXQ

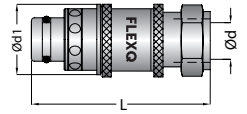
Series UPT - Flow Rate & Pressure Drop Graph



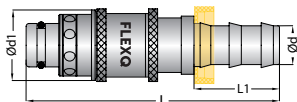
Size		Ød	Ød1	L	L1	Standard hose tail plug
6	UPT 06 MHF 06	6 mm	17	55	23	
	UPT 06 MHF 08	8 mm	17	55	23	
8	UPT 08 MHF 06	6 mm	20	57	23	
	UPT 08 MHF 08	8 mm	20	62	23	
	UPT 08 MHF 10	10 mm	20	62	23	
	UPT 08 MHF 12	12 mm	20	66	23	
	UPT 08 MHF 13	13 mm	20	62	23	
12	UPT 12 MHF 13	13 mm	27.5	77	33	
	UPT 12 MHF 16	16 mm	27.5	77	33	
	UPT 12 MHF 19	19 mm	27.5	77	33	

Size		Ød	Ød1	L	L1	Standard hose tail plug 45°
8	UPT 08 MHF 06-45	6 mm	20	55	23	
	UPT 08 MHF 08-45	8 mm	20	55	23	
	UPT 08 MHF 10-45	10 mm	20	55	23	
	UPT 08 MHF 12-45	12 mm	20	55	23	
	UPT 08 MHF 13-45	13 mm	20	55	23	
12	UPT 12 MHF 13-45	13 mm	27.5	65	33	
	UPT 12 MHF 16-45	16 mm	27.5	65	33	
	UPT 12 MHF 19-45	19 mm	27.5	65	33	

Size		Ød	Ød1	L	L1	Standard hose tail plug 90°
8	UPT 08 MHF 06-90	6 mm	20	55	23	
	UPT 08 MHF 08-90	8 mm	20	55	23	
	UPT 08 MHF 10-90	10 mm	20	55	23	
	UPT 08 MHF 12-90	12 mm	20	55	23	
	UPT 08 MHF 13-90	13 mm	20	55	23	
12	UPT 12 MHF 13-90	13 mm	27.5	65	33	
	UPT 12 MHF 16-90	16 mm	27.5	65	33	
	UPT 12 MHF 19-90	19 mm	27.5	65	33	

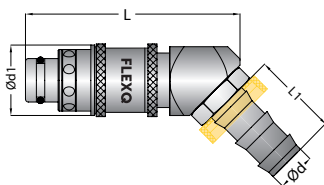
Size		Ød	Ød1	L	HEX	Female thread plug
8	UPT 08 MFF 14	BSP 1/4	20	44	17	
	UPT 08 MNF 14	NPT 1/4	20	44	17	
	UPT 08 MFF 38	BSP 3/8	20	53	19	
	UPT 08 MNF 38	NPT 3/8	20	52	19	
12	UPT 12 MFF 38	BSP 3/8	27.5	60	22	
	UPT 12 MFF 12	BSP 1/2	27.5	60	24	
	UPT 12 MNF 12	NPT 1/2	27.5	64	24	

Clampless hose tail plug



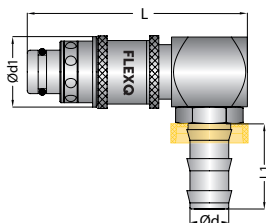
Size		Ød	Ød1	L	L1
8	UPT 08 MPF 10	10 mm	20	62	24
	UPT 08 MPF 13	13 mm	20	69	28
12	UPT 12 MPF 13	13 mm	27.5	73	28
	UPT 12 MPF 16	16 mm	27.5	82	38

Clampless hose tail plug 45°



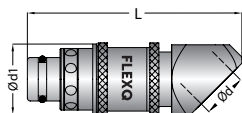
Size		Ød	Ød1	L	L1
8	UPT 08 MPF 10-45	10 mm	20	55	24
	UPT 08 MPF 13-45	13 mm	20	55	28
12	UPT 12 MPF 13-45	13 mm	27.5	65	28
	UPT 12 MPF 16-45	16 mm	27.5	65	38

Clampless hose tail plug 90°



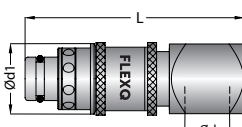
Size		Ød	Ød1	L	L1
8	UPT 08 MPF 10-90	10 mm	20	55	24
	UPT 08 MPF 13-90	13 mm	20	55	28
12	UPT 12 MPF 13-90	13 mm	27.5	65	28
	UPT 12 MPF 16-90	16 mm	27.5	65	38

Female thread plug 45°



Size		Ød	Ød1	L
8	UPT 08 MFF 14-45	BSP 1/4	20	55
	UPT 08 MNF 14-45	NPT 1/4	20	66
12	UPT 12 MFF 12-45	BSP 1/2	27.5	66
	UPT 12 MNF 12-45	NPT 1/2	27.5	66

Female thread plug 90°



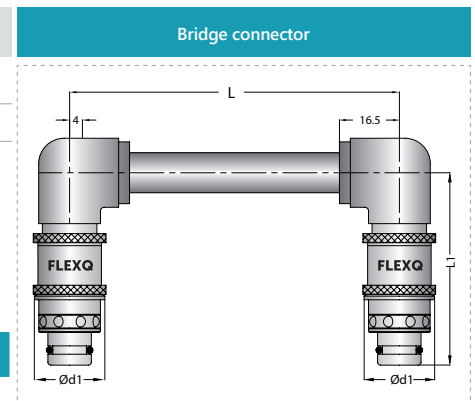
Size		Ød	Ød1	L
8	UPT 08 MFF 14-90	BSP 1/4	20	55
	UPT 08 MNF 14-90	NPT 1/4	20	55
12	UPT 12 MFF 38-90	BSP 3/8	27.5	66
	UPT 12 MFF 12-90	BSP 1/2	27.5	66
	UPT 12 MNF 12-90	NPT 1/2	27.5	66

Size		Ød	Ød1	L	L1
8	UPT 08 MCF 125	11x1.5	20	125	54
	UPT 08 MCF 250	11x1.5	20	250	54
	UPT 08 MCF 500	11x1.5	20	500	54

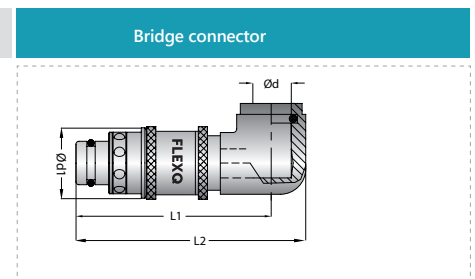
Includes 2 sockets and pipe



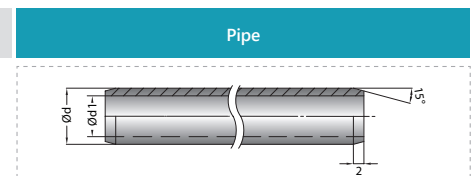
Minimum distance between plugs = 36 mm



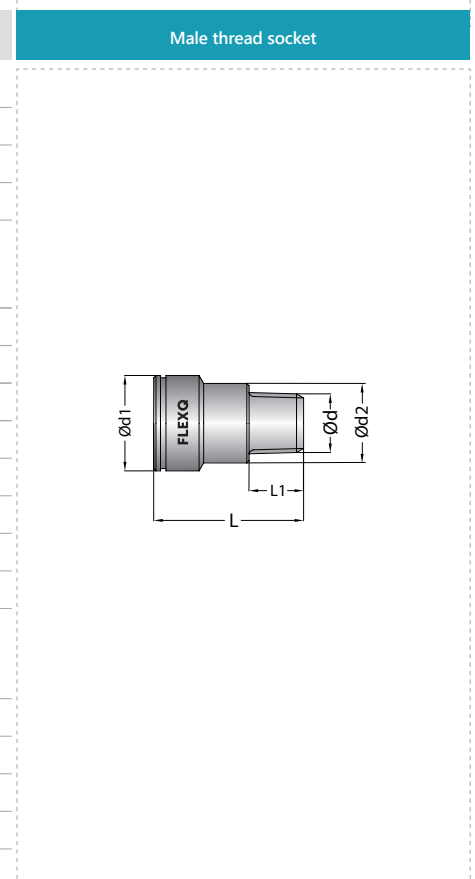
Size		Ød	Ød1	L1	L2
8	UPT 08 MCF	11x1.5	20	54	64

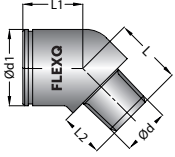


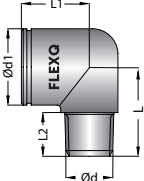
Size	Brass Tube	Ød	Ød1	Length
8	CBM 1115x1000	11	8	1000 mm

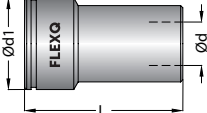


Size		Ød	Ød1	Ød2	L	L1	HEX
6	UPT 06 FRF 18	BSPT 1/8	17	14	28.5	8	6
	UPT 06 FRF 14	BSPT 1/4	17	14	28.5	12	6
	UPT 06 FTF 18	NPT 1/8	17	14	28.5	8	6
	UPT 06 FTF 14	NPT 1/4	17	14	28.5	12	6
	UPT 06 FMF 1010	M10x1.0	17	14	28.5	8	6
8	UPT 08 FRF 18	BSPT 1/8	21	17.5	32	8	6
	UPT 08 FRF 14	BSPT 1/4	21	17.5	33	12	8
	UPT 08 FRF 38	BSPT 3/8	21	-	24	12	8
	UPT 08 FRF 12	BSPT 1/2	21	-	28	16	8
	UPT 08 FTF 18	NPT 1/8	21	17.5	31	8	1/4"
	UPT 08 FTF 14	NPT 1/4	21	17.5	33	11	1/4"
	UPT 08 FTF 38	NPT 3/8	21	-	24	11	3/16"
	UPT 08 FMF 1010	M10x1.0	21	17.5	31	10	6
	UPT 08 FMF 1015	M10x1.5	21	17.5	31	10	6
	UPT 08 FMF 1415	M14x1.5	21	17.5	31	10	8
12	UPT 12 FRF 38	BSPT 3/8	32	25	41	11	10
	UPT 12 FRF 12	BSPT 1/2	32	25	44	14	14
	UPT 12 FRF 34	BSPT 3/4	32	-	32	19	14
	UPT 12 FTF 38	NPT 3/8	32	25	41	11	3/8"
	UPT 12 FTF 12	NPT 1/2	32	25	44	14	9/16"
	UPT 12 FTF 34	NPT 3/4	32	-	32	14	9/16"



Male thread socket 45°	Size		Ød	Ød1	L	L1	L2	HEX
	8	UPT 08 FRF 18-45	BSPT 1/8	21	16.5	18.5	10	19
		UPT 08 FRF 14-45	BSPT 1/4	21	16.5	18.5	12	19
		UPT 08 FRF 38-45	BSPT 3/8	21	16.5	18.5	12	19

Male thread socket 90°	Size		Ød	Ød1	L	L1	L2	HEX
	8	UPT 08 FRF 18-90	BSPT 1/8	21	23	22	10	19
		UPT 08 FRF 14-90	BSPT 1/4	21	25	22	12	19
		UPT 08 FRF 38-90	BSPT 3/8	21	26	22	13	19
		UPT 08 FTF 18-90	NPT 1/8	21	23	22	10	19
		UPT 08 FTF 14-90	NPT 1/4	21	25	22	12	19
		UPT 08 FTF 38-90	NPT 3/8	21	26	22	13	19

Female thread sockets	Size		Ød	Ød1	L	HEX
	6	UPT 06 FFF 18	BSP 1/8	17	32	6
		UPT 06 FNF 18	NPT 1/8	17	33	1/4"
	8	UPT 08 FFF 18	BSP 1/8	21	35	6
		UPT 08 FFF 14	BSP 1/4	21	39	8
		UPT 08 FNF 18	NPT 1/8	21	35	1/4"
		UPT 08 FNF 14	NPT 1/4	21	39	5/16"
	12	UPT 12 FFF 38	BSP 3/8	32	49	12
		UPT 12 FFF 12	BSP 1/2	32	50	12
		UPT 12 FNF 12	NPT 1/2	32	52	1/2"

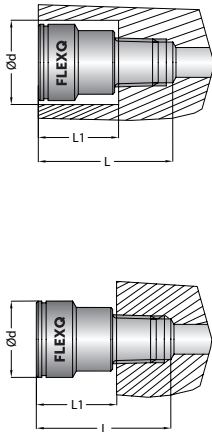
Male threaded socket with valve	Size		Ød	Ød1	L	L1
	8	UPT 08 FRB 14	BSPT 1/4	21	35	12
		UPT 08 FRB 38	BSPT 3/8	21	28	13
		UPT 08 FTB 38	NPT 3/8	21	26	13

Colour ring	Size	Red	Blue	Description
	6	UPT 06 FCR R	UPT 06 FCR B	Socket Colour ring
	8	UPT 08 FCR R	UPT 08 FCR B	
	12	UPT 12 FCR R	UPT 12 FCR B	
	6	UPT 06 MCR R	UPT 06 MCR B	Plug Colour ring
	8	UPT 08 MCR R	UPT 08 MCR B	
	12	UPT 12 MCR R	UPT 12 MCR B	

Size		Ød	Ød1	Ød2	Ød3	Min. L Max.	L1	HEX	Socket extension without thread
6	UPT 06 FEF 18-100	1/8	17	18.5	11	33-100	20	6	
8	UPT 08 FEF 18-100	1/8	21	22.5	11	33-100	23	6	
	UPT 08 FEF 18-150	1/8	21	22.5	11	100-150	23	6	
	UPT 08 FEF 18-200	1/8	21	22.5	11	150-200	23	6	
	UPT 08 FEF 18-250	1/8	21	22.5	11	200-250	23	6	
	UPT 08 FEF 14-100	1/4	21	22.5	14	34-100	23	6	
	UPT 08 FEF 14-150	1/4	21	22.5	14	100-150	23	6	
	UPT 08 FEF 14-200	1/4	21	22.5	14	150-200	23	6	
	UPT 08 FEF 14-250	1/4	21	22.5	14	200-250	23	6	
12	UPT 12 FEF 38-150	3/8	32	33.5	18	59-150	43	14	
	UPT 12 FEF 38-200	3/8	32	33.5	18	150-200	43	14	
	UPT 12 FEF 38-250	3/8	32	33.5	18	200-250	43	14	
	UPT 12 FEF 12-150	1/2	32	33.5	22	59-150	43	14	
	UPT 12 FEF 12-200	1/2	32	33.5	22	150-200	43	14	
	UPT 12 FEF 12-250	1/2	32	33.5	22	200-250	43	14	

Size		Ød	Ød1	Ød2	Ød3	Min. L Max.	L1	L2	HEX	Socket extension with male thread
8	UPT 08 FMF 18-50	BSP 1/8	21	22.5	11	35-50	26	21	6	
	UPT 08 FMF 18-100	BSP 1/8	21	22.5	11	50-100	60	21	6	
	UPT 08 FMF 18-150	BSP 1/8	21	22.5	11	100-150	60	21	6	
8	UPT 08 FMF 14-50	BSP 1/4	21	22.5	14	39-50	27	21	8	
	UPT 08 FMF 14-100	BSP 1/4	21	22.5	14	55-100	60	21	8	
	UPT 08 FMF 14-150	BSP 1/4	21	22.5	14	105-150	60	21	8	
	UPT 08 FMF 14-200	BSP 1/4	21	22.5	14	155-200	60	21	8	

Size		Ød	Ød1	Ød2	Ød3	Min. L Max.	L1	L2	HEX	Socket extension with male thread
	UPT 08 FRF 18-100	BSPT 1/8	21	22.5	11	50-100	9	21	6	
	UPT 08 FRF 18-150	BSPT 1/8	21	22.5	11	100-150	9	21	6	
	UPT 08 FRF 18-200	BSPT 1/8	21	22.5	11	150-200	9	21	6	
	UPT 08 FRF 18-250	BSPT 1/8	21	22.5	11	200-250	9	21	6	
8	UPT 08 FRF 14-100	BSPT 1/4	21	22.5	14	50-100	12	21	8	
	UPT 08 FRF 14-150	BSPT 1/4	21	22.5	14	100-150	12	21	8	
	UPT 08 FRF 14-200	BSPT 1/4	21	22.5	14	150-200	12	21	8	
	UPT 08 FRF 14-250	BSPT 1/4	21	22.5	14	200-250	12	21	8	

Assembling dimensions for the socket		Size		Ød	L	L1	Nm	HEX
	6	BSP 1/8		18.5	29.5	20	15	6
		BSP 1/4		18.5	30.5	19	30	6
		NPT 1/8		18.5	31.5	20	15	1/4"
		NPT 1/4		18.5	33	19	30	1/4"
	8	BSP 1/8		22.5	33	23	15	6
		BSP 1/4		22.5	35	22	30	8
		BSP 3/8		22.5	25	12	30	8
		NPT 1/8		22.5	33	25.5	15	1/4"
		NPT 1/4		22.5	35	24	30	5/16"
		NPT 3/8		22.5	25	14	30	5/16"
	12	BSP 3/8		33.5	43	29	50	10
		BSP 1/2		33.5	46	30	50	14
		BSP 3/4		33.5	34	15	50	14
		NPT 3/8		33.5	43	33	50	3/8"
		NPT 1/2		33.5	46	35	50	9/16"
		NPT 3/4		33.5	34	15	50	9/16"

Replacement seal set		 Size		Description	Material	Working Temp.
	6	SK UPT 06 MN		Plug seal set	NBR - Nitrile	-15°C +100°C
	8	SK UPT 08 MN		Plug seal set	NBR - Nitrile	-15°C +100°C
	12	SK UPT 12 MN		Plug seal set	NBR - Nitrile	-15°C +100°C
	8	SK UPT 08 FN		Socket seal set	NBR - Nitrile	-15°C +100°C
	6	SK UPT 06 MV		Plug seal set	FPM - Viton	-20°C +200°C
	8	SK UPT 08 MV		Plug seal set	FPM - Viton	-20°C +200°C
	12	SK UPT 12 MV		Plug seal set	FPM - Viton	-20°C +200°C
	8	SK UPT 08 FV		Socket seal set	FPM - Viton	-20°C +200°C

FLEXQ

■ MONOCOUPPLINGS FOR FLUIDS / SERIES UPT

