

FLEXQ
CONNECTORS

UPT
French Standard Profile For Cooling



LINKING PRECISION WITH PERFORMANCE

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

UPT, das französische Profil für Niederdruckanwendungen

Characteristics / Eigenschaften

- One-hand connection
- High quality materials
- Compact and ergonomic design
- Easy sealing concept
- Extensive range
- Available in 3 diameters
- Color coding
- Einhandbedienung
- Hochwertige Materialien
- Kompaktes und ergonomisches Design
- Einfaches Dichtungskonzept
- Umfangreiches Sortiment
- In 3 Nennweiten erhältlich
- Farbkodierung

Clampless hose system / Schnellsteck-System

- Allows time-saving assembly without using hose clamps
- Space saving
- Reduces the risk of injury from sharp clamps
- Extensive application possibilities
- Ermöglicht zeitsparende Montage ohne Schlauchklemmen
- Platzsparend
- Reduziert die Verletzungsgefahr durch scharfe Klemmen
- Umfangreiche Einsatzmöglichkeiten

Easy sealing concept / Einfaches Dichtungskonzept

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

Der außenliegende O-Ring auf der Steckerseite kann bei Bedarf schnell und unkompliziert ausgetauscht werden.



UPT
FULL FLOW

FLEXQ Series UPT -- PROFILE FRENCH --

Options / Optionen

- Color coding / Farbkodierung
- Stainless Steel / Edelstahl
- Safety locking
Sicherheitsverriegelung
- High Temperature
Hochtemperaturdichtung

R / B
VA
S

HT

Using areas / Einsatzbereiche

- Cooling heating
Temperierung
- Injection moulding
Kunststoffindustrie



Materials / Materialien

Body Socket	Brass	Kupplungskörper	Messing
Body Plug	Brass	Stecker	Messing
Sleeve	Brass	Hülse	Messing
Valve	Brass	Ventil	Messing
Locking Ring	Stainless steel	Sprengring	Edelstahl
Spring	Stainless steel	Feder	Edelstahl
Balls	Stainless steel	Kugeln	Edelstahl
Seals	Nitrile (N)	Dichtungen	Nitrile (N)



Temperature range / Temperaturbereich

Nitril (NBR)	N	- 15 °C +100 °C
Fluor Carbon (FPM)	V	- 20 °C +160 °C (Water / Wasser) -20 °C +200 °C (Heating Oil / Wärmeträgeröl)



Flow Size Nennweiten

UPT 06 UPT 08 UPT 12

6 8 12



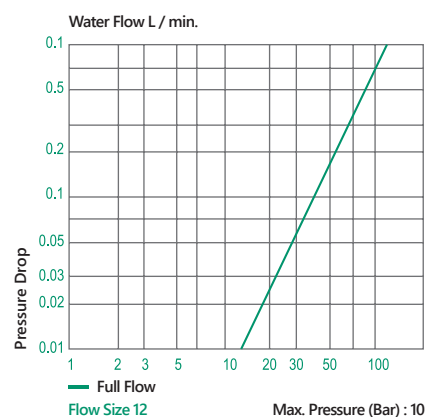
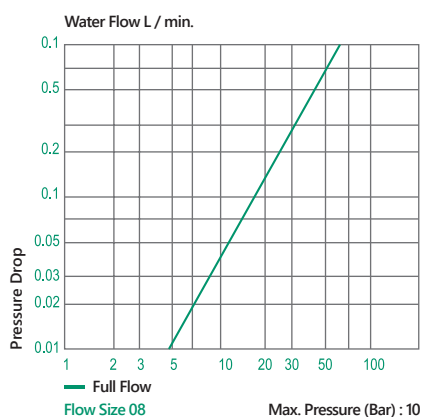
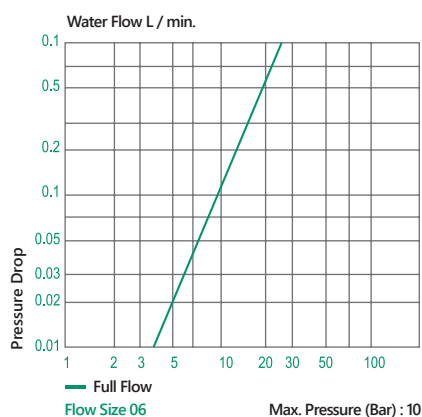
Pressure Druck

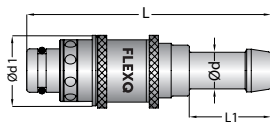
10 10 10

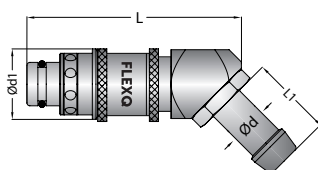
Always make sure no medium flows before disconnecting / Stellen Sie immer vor dem Trennen sicher, dass kein Medium fließt
The use of this series at media temperatures above 100°C is not recommended
Der Einsatz dieser Serie bei Medientemperaturen über 100 °C wird nicht empfohlen.

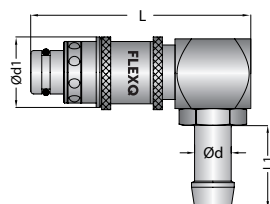
FLEXQ

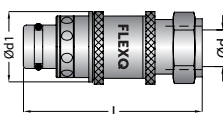
Serie UPT - Flow Rate & Pressure Drop Graph / Durchfluss- und Druckabfalldiagramm



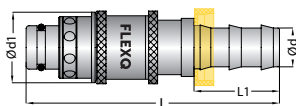
Size		Ød	Ød1	L	L1	Standard hose tail plug / Stecker mit Schlauchtülle
6	UPT 06 MHF 06	6 mm	17	55	23	
	UPT 06 MHF 08	8 mm	17	55	23	
8	UPT 08 MHF 06	6 mm	20	57	23	
	UPT 08 MHF 08	8 mm	20	62	23	
	UPT 08 MHF 10	10 mm	20	62	23	
	UPT 08 MHF 12	12 mm	20	66	23	
	UPT 08 MHF 13	13 mm	20	62	23	
12	UPT 12 MHF 13	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° Stecker mit 45° Schlauchtülle
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° Stecker mit 90° Schlauchtülle
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	

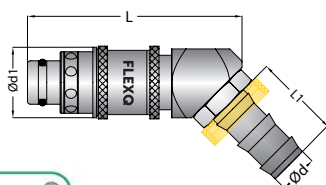
Size		Ød	Ød1	L	HEX	Female thread plug / Stecker mit Innengewinde
8	UPT 08 MFF 14	BSP 1/4	20	44	17	
	UPT 08 MNF 14	NPT 1/4	20	44	17	
	UPT 08 MFF 38	BSP 3/8	20	53	19	
	UPT 08 MNF 38	NPT 3/8	20	52	19	
12	UPT 12 MFF 38	BSP 3/8	27.5	60	22	
	UPT 12 MFF 12	BSP 1/2	27.5	60	24	
	UPT 12 MNF 12	NPT 1/2	27.5	64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

Clampless hose tail plug Stecker mit Schnellsteck - Schlauchtülle


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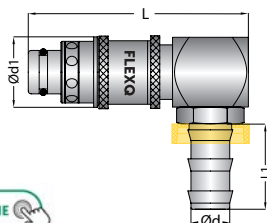
Size		Ød	Ød1	L	L1
8	UPT 08 MPF 10	10 mm	20	62	24
	UPT 08 MPF 13	13 mm	20	69	28
12	UPT 12 MPF 13	13 mm	27.5	73	28
	UPT 12 MPF 16	16 mm	27.5	82	38

Clampless hose tail plug 45° Stecker mit Schnellsteck - Schlauchtülle 45°


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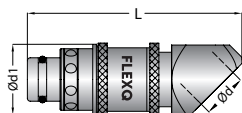
Size		Ød	Ød1	L	L1
8	UPT 08 MPF 10-45	10 mm	20	55	24
	UPT 08 MPF 13-45	13 mm	20	55	28
12	UPT 12 MPF 13-45	13 mm	27.5	65	28
	UPT 12 MPF 16-45	16 mm	27.5	65	38

Clampless hose tail plug 90° Stecker mit Schnellsteck - Schlauchtülle 90°


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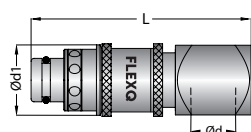
Size		Ød	Ød1	L	L1
8	UPT 08 MPF 10-90	10 mm	20	55	24
	UPT 08 MPF 13-90	13 mm	20	55	28
12	UPT 12 MPF 13-90	13 mm	27.5	65	28
	UPT 12 MPF 16-90	16 mm	27.5	65	38

Female thread plug 45° Stecker mit Innengewinde 45°


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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° Stecker mit Innengewinde 90°


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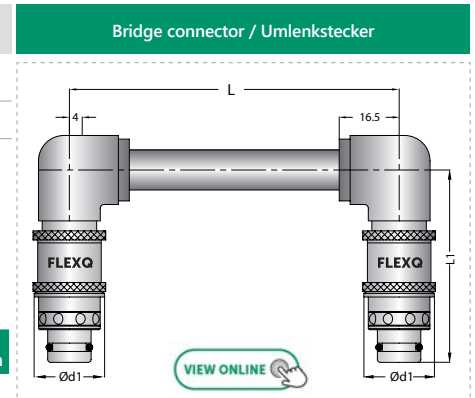
Size		Ød	Ød1	L
8	UPT 08 MFF 14-90	BSP 1/4	20	55
	UPT 08 MNF 14-90	NPT 1/4	20	55
12	UPT 12 MFF 38-90	BSP 3/8	27.5	66
	UPT 12 MFF 12-90	BSP 1/2	27.5	66
	UPT 12 MNF 12-90	NPT 1/2	27.5	66

Size	Without Valve / Ohne Ventil	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

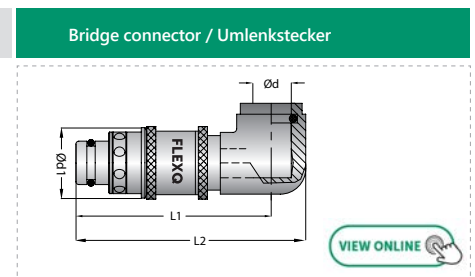
Includes 2 sockets and pipe / Beinhaltet 2 Kupplungen und das Verbindungsrohr



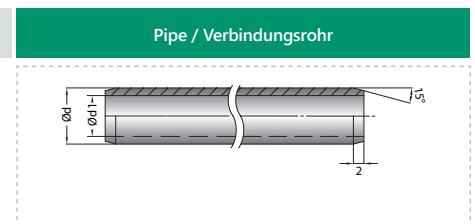
Minimum distance between plugs = 36 mm
Mindestabstand zwischen Steckern = 36 mm



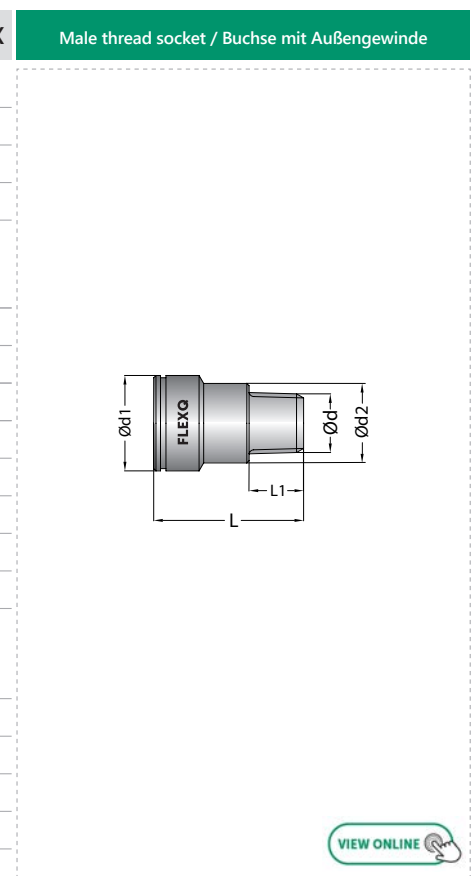
Size	Without Valve / Ohne Ventil	Ød	Ød1	L1	L2
8	UPT 08 MCF	11x1.5	20	54	64

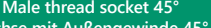


Size	Brass Tube Messing Rohr	Ød	Ød1	Length / Länge
8	CBM 1115x1000	11	8	1000 mm

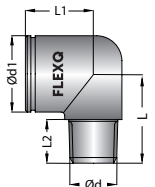


Size		Ød	Ød1	Ød2	L	L1	INNER HEX
6	UPT 06 FRF 18	BSPT 1/8	17	14	28.5	8	6
	UPT 06 FRF 14	BSPT 1/4	17	14	28.5	12	6
	UPT 06 FTF 18	NPT 1/8	17	14	28.5	8	6
	UPT 06 FTF 14	NPT 1/4	17	14	28.5	12	6
	UPT 06 FMF 1010	M10x1.0	17	14	28.5	8	6
8	UPT 08 FRF 18	BSPT 1/8	21	17.5	32	8	6
	UPT 08 FRF 14	BSPT 1/4	21	17.5	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"

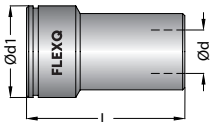


Male thread socket 45° Buchse mit Außengewinde 45°		 Size	 	Ød	Ød1	L	L1	L2	HEX
	8	UPT 08 FRF 18-45	BSPT 1/8	21	16.5	18.5	10	19	
		UPT 08 FRF 14-45	BSPT 1/4	21	16.5	18.5	12	19	
		UPT 08 FRF 38-45	BSPT 3/8	21	16.5	18.5	12	19	

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Male thread socket 90° Buchse mit Außengewinde 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	

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Female thread sockets / Buchse mit Innengewinde		 Size		Ød	Ød1	L	INNER 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"	

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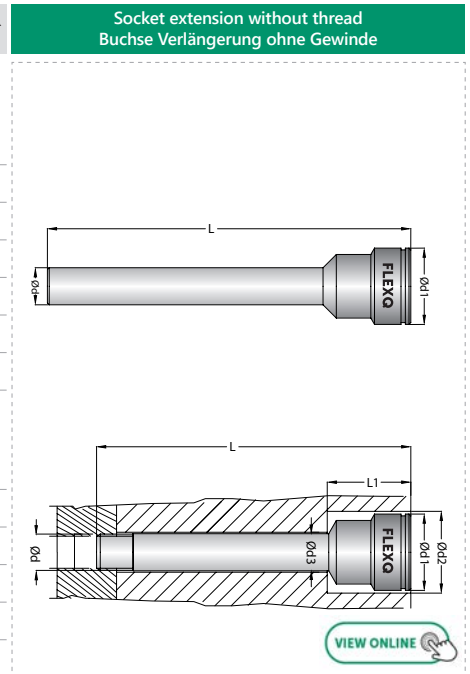
Male threaded socket with valve / Buchse mit Außengewinde und Ventil		 Size		Ød	Ød1	L	L1
	8	UPT 08 FRB 14	BSPT 1/4	21	35	12	
		UPT 08 FRB 38	BSPT 3/8	21	28	13	
		UPT 08 FTB 38	NPT 3/8	21	26	13	

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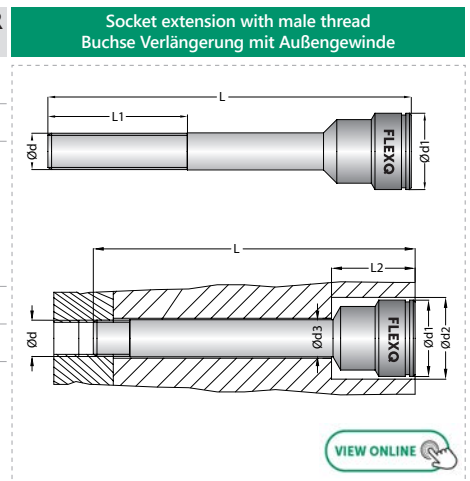
Colour Ring / Farbringe		 Size	Red / Rot	Blue / Blau	Description
 	6	UPT 06 FCR R	UPT 06 FCR B	Socket Color Ring	
	8	UPT 08 FCR R	UPT 08 FCR B	Socket Color Ring	
	12	UPT 12 FCR R	UPT 12 FCR B	Socket Color Ring	
	6	UPT 06 MCR R	UPT 06 MCR B	Plug Color Ring	
	8	UPT 08 MCR R	UPT 08 MCR B	Plug Color Ring	
	12	UPT 12 MCR R	UPT 12 MCR B	Plug Color Ring	

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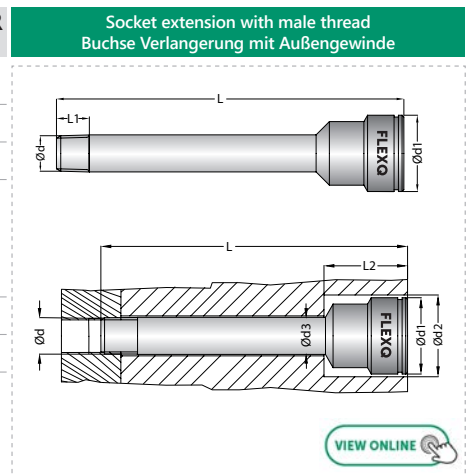
Size		Ød	Ød1	Ød2	Ød3	Min. L Max.	L1	INNER HEX
6	UPT 06 FEF 18-100	1/8	17	18.5	11	33-100	20	6
8	UPT 08 FEF 18-100	1/8	21	22.5	11	33-100	23	6
	UPT 08 FEF 18-150	1/8	21	22.5	11	100-150	23	6
	UPT 08 FEF 18-200	1/8	21	22.5	11	150-200	23	6
	UPT 08 FEF 18-250	1/8	21	22.5	11	200-250	23	6
	UPT 08 FEF 14-100	1/4	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
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

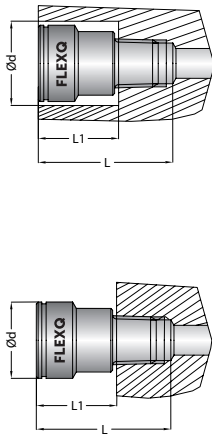


Size		Ød	Ød1	Ød2	Ød3	Min. L Max.	L1	L2	INNER HEX
8	UPT 08 FMF 18-50	BSP 1/8	21	22.5	11	35-50	26	21	6
	UPT 08 FMF 18-100	BSP 1/8	21	22.5	11	50-100	60	21	6
	UPT 08 FMF 18-150	BSP 1/8	21	22.5	11	100-150	60	21	6
8	UPT 08 FMF 14-50	BSP 1/4	21	22.5	14	39-50	27	21	8
	UPT 08 FMF 14-100	BSP 1/4	21	22.5	14	55-100	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	INNER HEX
8	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 Einbaumaß für den versenkten Einbau		Size		Ød	L	L1	Torque (Nm)	INNER 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 / Ersatz O-Ring 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	

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FLEXQ

■ MONOCOUPPLINGS FOR FLUIDS / SERIES UPT



LINKING PRECISION WITH PERFORMANCE

QUICK COUPLING SOLUTIONS

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