

FLEXQ
CONNECTORS

CPT
Flat Face Push-Pull



LINKING PRECISION WITH PERFORMANCE

8 flow sizes - 8 Nennweiten

CPT, the proven coupling system
for demanding applications.

CPT das bewährte Kupplungssystem
für anspruchsvolle Applikationen.

Characteristics / Eigenschaften

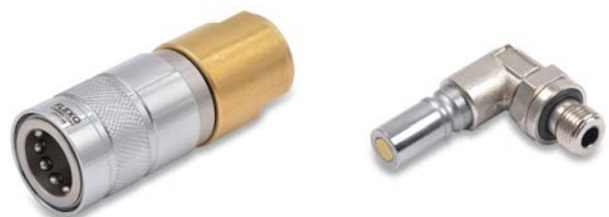
- | | |
|---|---|
| • Non spill - flat face | • Leakage frei, flachdichtend |
| • Optimized flow characteristics | • Optimierter Durchfluss |
| • Ergonomic design | • Ergonomisches Design |
| • Reliable and robust | • Zuverlässig und robust |
| • One hand option | • Einhand Option |
| • Option to install plug into recessed pocket | • Versenkter Einbau des Nippels möglich |

Automatic locking / Automatische Verriegelung

The coupling system can be easily connected with one hand, even in particularly hard-to-reach areas.

Selbst in beengten oder schwer erreichbaren Bereichen ist das Kupplungssystem problemlos mit einer Hand bedienbar.

CPT
FLAT FACE PUSH PULL



Series CPT

TEMPERATURE REGULATION

-- PROFILE FF --

Options

- Color coding **R / B**
- Push pull **PP**
- Special sleeve **GH**

Optionen

- Farbkodierung **R / B**
- Push pull **PP**
- Sonderhülse **GH**

Using areas

- Cooling heating
- Injection and blow moulding

Einsatzbereiche

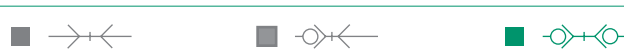
- Temperierung
- Kunststoffindustrie / Blasformen

Materials

Body Socket	Brass
Body Plug	Stainless steel
Body backpart	Brass
Sleeve	Stainless steel
Valve	Brass
Locking Ring	Stainless steel
Spring	Stainless steel
Balls	Stainless steel
Seals	FPM (V)

Materialien

Kupplungskörper	Messing
Stecker Profil	Edelstahl
Stecker Hinterteil	Messing
Hülse	Edelstahl
Ventil	Messing
Sprengring	Edelstahl
Feder	Edelstahl
Kugeln	Edelstahl
Dichtungen	Viton (V)



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)

Always make sure no medium flows before disconnecting / Stellen Sie immer vor dem Trennen sicher, dass kein Medium fließt

CPT 03 CPT 06 CPT 07 CPT 08 CPT 09 CPT 12 CPT 16 CPT 25



Flow Size
Nennweiten mm

3 6 7 8 9 12 16 25



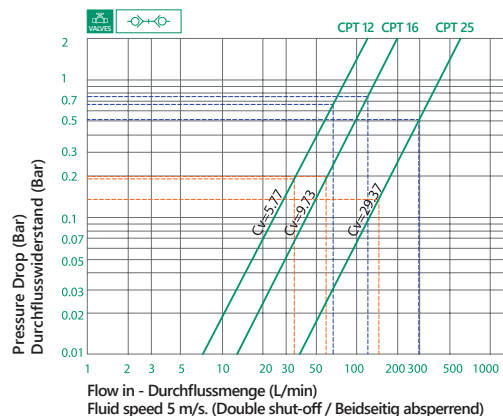
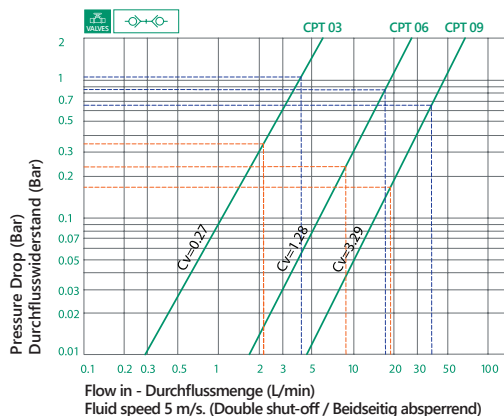
Pressure
Druck bar

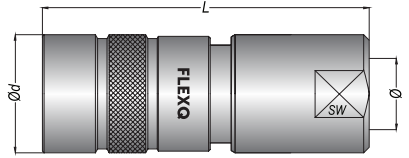
50 50 50 50 50 50 50 50

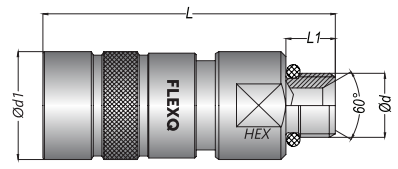


FLEXQ

Serie CPT - Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall

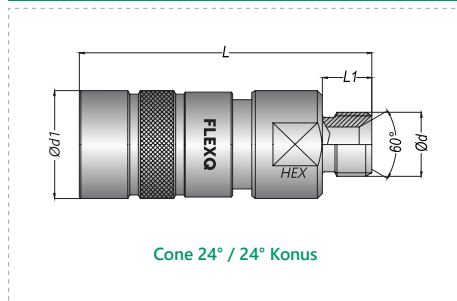


Size		Ød	Ød1	L	HEX	Female thread socket Kupplung mit Innengewinde
3	CPT 03 FFB 18	BSP 1/8	17	49	13	
	CPT 03 FNB 18	NPT 1/8	17	49	13	
6	CPT 06 FFB 14	BSP 1/4	22	61	20	
	CPT 06 FNB 14	NPT 1/4	22	61	20	
	CPT 06 FFB 38	BSP 3/8	22	65	21	
7	CPT 07 FFB 14	BSP 1/4	22	61	20	
	CPT 07 FNB 14	NPT 1/4	22	61	20	
	CPT 07 FFB 38	BSP 3/8	22	65	21	
9	CPT 09 FFB 38	BSP 3/8	30	76	24	
	CPT 09 FNB 12	NPT 1/2	30	78	25	
	CPT 09 FFB 12	BSP 1/2	30	78	25	
12	CPT 12 FFB 12	BSP 1/2	44	103	27	
	CPT 12 FNB 12	NPT 1/2	44	103	27	
16	CPT 16 FFB 34	BSP 3/4	55	130	36	
	CPT 16 FNB 34	NPT 3/4	55	130	36	
25	CPT 25 FFB 10	BSP 1	67	148	55	
	CPT 25 FNB 10	NPT 1	67	148	55	
	CPT 25 FFB 114	BSP 1 1/4	67	148	55	
	CPT 25 FNB 114	NPT 1 1/4	67	148	55	

Size		Ød	Ø1	L	L1	HEX	Cylindrical male thread socket with O-Ring / Kupp- lung mit Aussengewinde zylindrisch mit O-Ring
3	CPT 03 FOB 18	BSP 1/8	17	47	8	14	
6	CPT 06 FOB 14	BSP 1/4	22	59	11	20	
	CPT 06 FOB 38	BSP 3/8	22	60	12	20	
7	CPT 07 FOB 14	BSP 1/4	22	59	11	20	
	CPT 07 FOB 38	BSP 3/8	22	60	12	20	
9	CPT 09 FOB 38	BSP 3/8	28	80	12	24	
	CPT 09 FOB 12	BSP 1/2	28	84	14	24	
12	CPT 12 FOB 12	BSP 1/2	55	103	15	36	
16	CPT 16 FOB 34	BSP 3/4	55	132	18	38	
25	CPT 25 FOB 10	BSP 1	67	150	18	55	
	CPT 25 FOB 114	BSP 1 1/4	67	154	22	55	

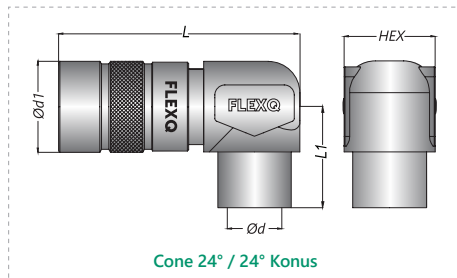
Cone 60° / 60° Konus

24°Innerconical male thread socket / Kupplung mit Aussengewinde 24°Innerkonus



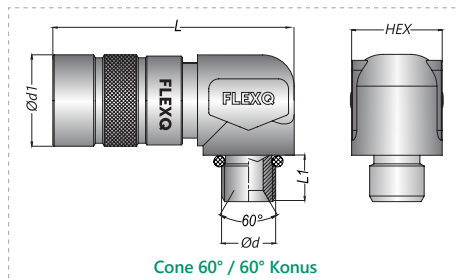
Size		Ød	Ød1	L	L1	HEX
6	CPT 06 FMB 1615-10	M16x1.5	22	59	11	20
7	CPT 07 FMB 1615-10	M16x1.5	22	59	11	20
9	CPT 09 FMB 1815-12	M18x1.5	28	80	11	24
3	CPT 03 FTB 18	NPT 1/8	17	48	9	14
6	CPT 06 FTB 14	NPT 1/4	22	60	12	20
7	CPT 07 FTB 14	NPT 1/4	22	60	12	20
9	CPT 09 FTB 38	NPT 3/8	28	83	14	24

Female thread socket 90° / Kupplung mit 90° Innengewinde



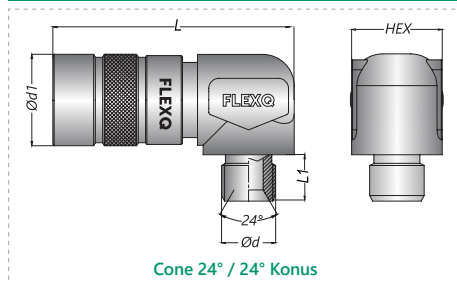
Size		Ød	Ød1	L	L1	HEX
6	CPT 06 FFB 14-90	BSP 1/4	22	58	25	21
6	CPT 06 FNB 14-90	NPT 1/4	22	58	25	21
7	CPT 07 FFB 14-90	BSP 1/4	22	58	25	21
7	CPT 07 FNB 14-90	NPT 1/4	22	58	25	21
9	CPT 07 FFB 38-90	BSP 3/8	28	77	20	25

Male thread socket 90° / Kupplung mit 90° Aussengewinde



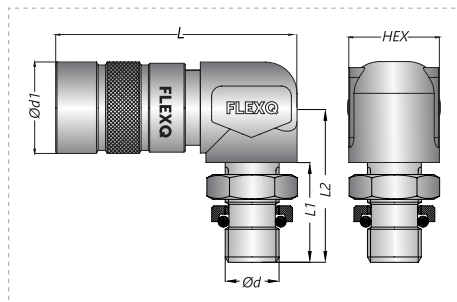
Size		Ød	Ød1	L	L1	HEX
6	CPT 06 FOB 14-90	BSP 1/4	22	58	11	21
7	CPT 07 FOB 14-90	BSP 1/4	22	58	11	21
9	CPT 09 FOB 38-90	BSP 3/8	28	77	12	25

24°Innerconical male thread socket 90° / Kupplung mit 90° Aussengewinde 24°Innerkonus



Size		Ød	Ød1	L	L1	HEX
6	CPT 06 FMB 1615-10-90	M16x1.5	22	58	11	21
7	CPT 07 FMB 1615-10-90	M16x1.5	22	58	11	21
9	CPT 09 FMB 1815-12-90	M18x1.5	28	77	12	25

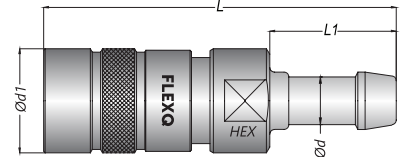
Cylindrical male thread socket 90° / Kupplung mit 90° Aussengewinde zylindrisch



Size		Ød	Ød1	L	L1	L2	HEX
6	CPT 06 FOB 14x24-90	BSP 1/4	22	58	24	36	21
7	CPT 07 FOB 14x24-90	BSP 1/4	22	58	24	36	21
9	CPT 09 FOB 38x24-90	BSP 3/8	28	77	24	42	25

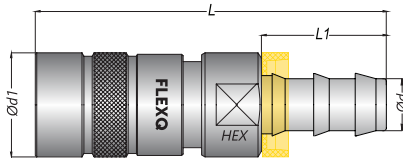
Size		Ød	Ød1	L	L1	HEX
6	CPT 06 FHB 10	10 mm	22	75	26	20
6	CPT 06 FHB 12	12 mm	22	75	26	20
7	CPT 07 FHB 10	10 mm	22	75	26	20
7	CPT 07 FHB 12	12 mm	22	75	26	20
9	CPT 09 FHB 12	12 mm	28	115	26	24

Standard hose tail socket /
Kupplung mit gerader Standard - Schlauchtülle



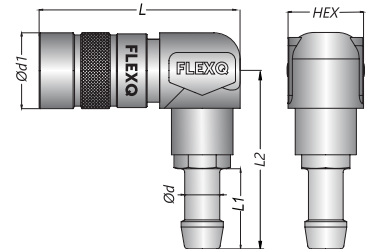
Size		Ød	Ød1	L	L1	HEX
6	CPT 06 FPB 10	10 mm	22	72	24	20
7	CPT 07 FPB 10	10 mm	22	72	24	20
9	CPT 09 FPB 13	13 mm	28	95.5	28	24

Push to connect hose tail socket /
Kupplung mit gerader Schnellsteck - Schlauchtülle



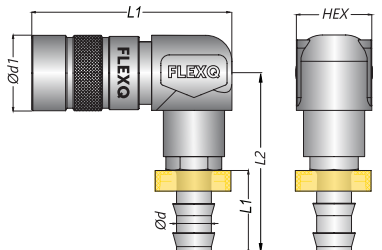
Size		Ød	Ød1	L	L1	L2	HEX
6	CPT 06 FHB 10-90	10 mm	22	57	28	38	21
7	CPT 07 FHB 10-90	10 mm	22	57	28	38	21
9	CPT 09 FHB 13-90	13 mm	28	95	28	42	25

Standard hose tail socket 90° /
Kupplung mit 90° Standard - Schlauchtülle



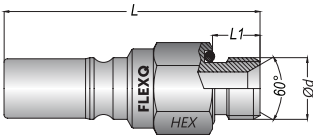
Size		Ød	Ød1	L	L1	L2	HEX
6	CPT 06 FPB 10-90	10 mm	22	57	24	38	21
7	CPT 07 FPB 10-90	10 mm	22	57	24	38	21
9	CPT 09 FPB 13-90	13 mm	28	95	28	42	25

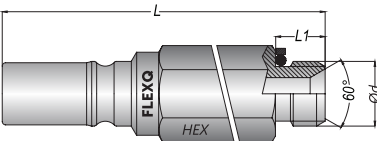
Push to connect hose tail socket 90° /
Kupplung mit 90° Schnellsteck - Schlauchtülle

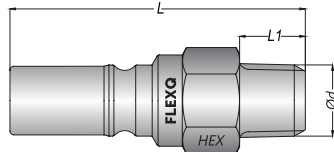


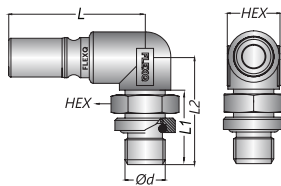
Female thread plug / Nippel mit Innengewinde

Size		Ød	L	HEX
3	CPT 03 MFB 18	BSP 1/8	41	14
	CPT 03 MNB 18	NPT 1/8	41	20
6	CPT 06 MFB 14	BSP 1/4	54	17
	CPT 06 MFB 38	BSP 3/8	54	19
7	CPT 07 MFB 14	BSP 1/4	54	17
	CPT 07 MFB 38	BSP 3/8	54	19
9	CPT 09 MFB 38	BSP 3/8	67	24
	CPT 09 MNB 38	NPT 3/8	67	24
12	CPT 12 MFB 12	BSP 1/2	90	30
	CPT 12 MNB 12	NPT 1/2	90	30
16	CPT 16 MFB 34	BSP 3/4	102	38
	CPT 16 MNB 34	NPT 3/4	102	38
25	CPT 25 MFB 10	BSP 1	123	55
	CPT 25 MNB 10	NPT 1	123	55
	CPT 25 MFB 114	BSP 1-1/4	126	55
	CPT 25 MNB 114	NPT 1-1/4	123	55

Cylindrical male thread plug / Nippel mit Aussengewinde zylindrisch		Size		Ød	L	L1	HEX
	3	CPT 03 MOB 18	BSP 1/8	40	40	8	13
	6	CPT 06 MOB 14	BSP 1/4	54	54	10	17
		CPT 06 MOB 38	BSP 3/8	54	54	10	19
	7	CPT 07 MOB 14	BSP 1/4	54	54	10	17
		CPT 07 MOB 38	BSP 3/8	54	54	10	21
	9	CPT 09 MOB 38	BSP 3/8	67	67	13	24
	12	CPT 12 MOB 12	BSP 1/2	88	88	15	30
	16	CPT 16 MOB 34	BSP 3/4	103	103	18	38
	25	CPT 25 MOB 114	BSP 1 1/4	128	128	21	55

Cylindrical male thread plug extension / Verlängerungsnippel mit Aussengewinde zylindrisch		Size		Ød	L	L1	HEX
	6	CPT 06 MOB 14-64	BSP 1/4	64	64	10	17
		CPT 06 MOB 14-80	BSP 1/4	82	82	10	17
		CPT 06 MOB 14-110	BSP 1/4	112	112	10	17
	7	CPT 07 MOB 14-64	BSP 1/4	64	64	10	17
		CPT 07 MOB 14-80	BSP 1/4	82	82	10	17
		CPT 07 MOB 14-110	BSP 1/4	112	112	10	17

Size			Ød	L	L1	HEX	Conical male thread plug / Nippel mit Aussengewinde konisch
6	CPT 06 MRB 14	BSPT 1/4	56	12	17		
	CPT 06 MTB 14	NPT 1/4	57	13	17		
7	CPT 06 MRB 38	BSPT 3/8	57	13	19		
	CPT 07 MRB 14	BSPT 1/4	56	12	17		
	CPT 07 MTB 14	NPT 1/4	57	13	17		
9	CPT 07 MRB 38	BSPT 3/8	57	13	19		
	CPT 09 MRB 38	BSPT 3/8	69	13	23		
12	CPT 09 MTB 38	NPT 3/8	69	13	23		
	CPT 12 MRB 12	BSPT 1/2	90	17	30		
16	CPT 12 MTB 12	NPT 1/2	90	17	30		
25	CPT 16 MRB 34	BSPT 3/4	104	19	38		
	CPT 16 MTB 34	NPT 3/4	104	19	38		
25	CPT 25 MRB 114	BSPT 1 1/4	130	23	55		
	CPT 25 MTB 114	NPT 1 1/4	130	23	55		

Size			Ød	L	L1	L2	HEX	Cylindrical male thread plug 90° / Nippel mit 90° Aussengewinde zylindrisch
6	CPT 06 MOB 14x24-90	BSP 1/4	45	34	24	21		
7	CPT 07 MOB 14x24-90	BSP 1/4	45	34	24	21		
9	CPT 09 MOB 14x38-90	BSP 3/8	73	42	24	25		

LINKING PRECISION WITH PERFORMANCE

QUICK COUPLING SOLUTIONS

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