



MPT

High Flow French Standard Profile For Cooling



LINKING PRECISION WITH PERFORMANCE

MPT, the french standard quick coupling system for low pressure applications and all media

MPT, das französische Profil für Niederdruckanwendungen und alle Medien

Characteristics / Eigenschaften

- High quality materials
- Compact and Ergonomic design
- Extensive range
- Available in 7 diameters
- Color coding
- Hochwertige Materialien
- Kompaktes und ergonomisches Design
- Umfangreiches Sortiment
- In 7 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 Verletzungsgefahr durch scharfe Klemmen
- Umfangreiche Einsatzmöglichkeiten

Interchangeable MPT / Kompatibilität MPT

The MPT monocouplings are compatible with the MPT multicoupling. The coupling can be easily connected to the plug on the multicoupling.

Die MPT-Monokupplungen sind vollständig mit der MPT-Multikupplung kompatibel. Sie lassen sich mühelos auf die Nippel der Multikupplung aufstecken.



MPT
HIGH FLOW

Series MPT

TEMPERATURE REGULATION

-- PROFILE INTERNATIONAL --

Options / Optionen

- Color coding / Farbkodierung **R / B**
- Stainless Steel / Edelstahl **VA**
- Safety locking / Sicherheitsverriegelung **S**

Using areas / Einsatzbereiche

- Cooling heating / Temperierung
- Injection moulding / Kunststoffindustrie

Materials

Body Socket	Brass
Body Plug (6,9,12mm)	Brass
Body Plug (16,20,25,38mm)	Stainless steel
Sleeve	AISI 420 chrome pl.
Valve	Brass
Locking Ring	Stainless steel
Spring	Stainless steel
Balls	Stainless steel
Seals	Viton (V)

Materialien

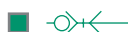
Kupplungskörper	Messing
Stecker (6,9,12mm)	Messing
Stecker (16,20,25,38mm)	Edelstahl
Hülse	AISI 420 verchromt
Ventil	Messing
Sprengring	Edelstahl
Feder	Edelstahl
Kugeln	Edelstahl
Dichtungen	Viton (V)



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



MPT 06 MPT 09 MPT 12 MPT 16 MPT 20 MPT 25 MPT 38



Flow Size
Nennweiten mm

6 9 12 16 20 25 38



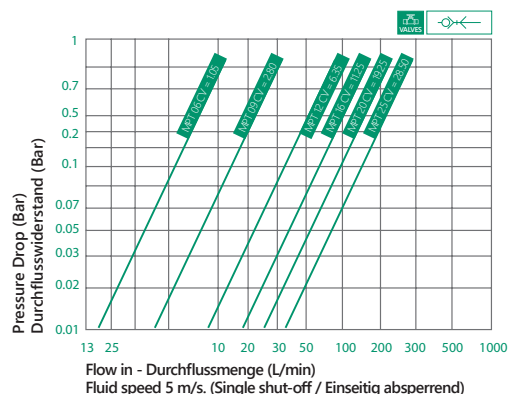
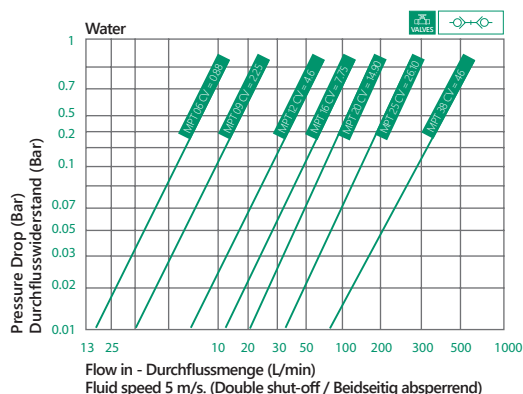
Pressure
Druck bar

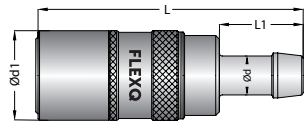
16 16 16 16 16 16 16

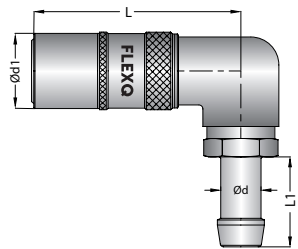


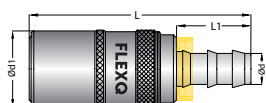
FLEXQ

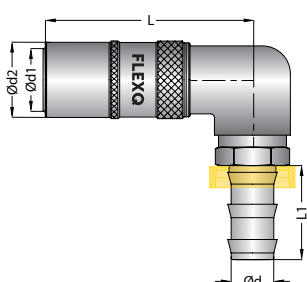
Serie MPT - Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall

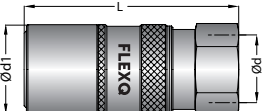


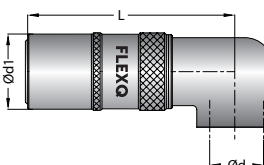
Size						Ød	Ød1	L	L1	Standard hose tail socket Kupplung mit Standard Schlauchtülle
6	MPT 06 FHB 06			MPT 06 FHF 06		6 mm	19	60	23	
	MPT 06 FHB 08			MPT 06 FHF 08		8 mm	19	60	23	
9	MPT 09 FHB 10			MPT 09 FHF 10		10 mm	24.5	69	27.5	
	MPT 09 FHB 12			MPT 09 FHF 12		12 mm	24.5	69	27.5	
12	MPT 12 FHB 12			MPT 12 FHF 12		12 mm	30	81.5	27.5	
	MPT 12 FHB 16			MPT 12 FHF 16		16 mm	30	87	33	
16	MPT 16 FHB 16			MPT 16 FHF 16		16 mm	37.5	108	33	
	MPT 16 FHB 19			MPT 16 FHF 19		19 mm	37.5	108	33	

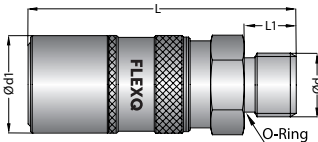
Size						Ød	Ød1	L	L1	Standard hose tail socket 90° Kupplung mit Standard Schlauchtülle 90°
6	MPT 06 FHB 08-90			MPT 06 FHF 08-90		8 mm	19	60	23	
9	MPT 09 FHB 10-90			MPT 09 FHF 10-90		10 mm	24.5	69	27.5	
	MPT 09 FHB 12-90			MPT 09 FHF 12-90		12 mm	24.5	69	27.5	
12	MPT 12 FHB 12-90			MPT 12 FHF 12-90		12 mm	30	84	27.5	
	MPT 12 FHB 16-90			MPT 12 FHF 16-90		16 mm	30	84	33	
16	MPT 16 FHB 19-90			MPT 16 FHF 19-90		19 mm	37.5	114	33	

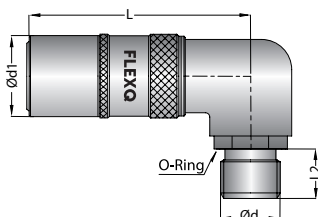
Size						Ød	Ød1	L	L1	Push to connect hose tail socket Kupplung mit schnellsteck Schlauchtülle
6	MPT 06 FPB 10			MPT 06 FPF 10		10 mm	19	61	24	
9	MPT 09 FPB 10			MPT 09 FPF 10		10 mm	24.5	66	24	
	MPT 09 FPB 13			MPT 09 FPF 13		13 mm	24.5	81.5	28	
12	MPT 12 FPB 13			MPT 12 FPF 13		13 mm	30	81.5	28	
	MPT 12 FPB 16			MPT 12 FPF 16		16 mm	30	91.5	38	
16	MPT 16 FPB 19			MPT 16 FPF 19		19 mm	37.5	113	38	

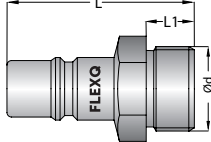
Size						Ød	Ød1	L	L1	Push to connect hose tail socket 90° Kupplung mit schnellsteck Schlauchtülle 90°
6	MPT 06 FPB 10-90			MPT 06 FPF 10-90		10 mm	19	60	24	
9	MPT 09 FPB 10-90			MPT 09 FPF 10-90		10 mm	24.5	69	24	
	MPT 09 FPB 13-90			MPT 09 FPF 13-90		13 mm	24.5	69	28	
12	MPT 12 FPB 13-90			MPT 12 FPF 13-90		13 mm	30	84	28	
	MPT 12 FPB 16-90			MPT 12 FPF 16-90		16 mm	30	94	38	
16	MPT 16 FPB 19-90			MPT 16 FPF 19-90		19 mm	37.5	114	38	

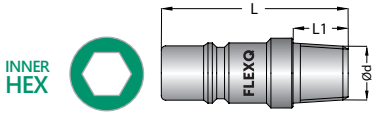
Female thread socket Kupplung mit Innengewinde		 Size	  	 	Ød	Ød1	L	L1
	6	MPT 06 FFB 14	MPT 06 FFF 14	BSP 1/4	19	46	17	
		MPT 06 FNB 14	MPT 06 FNF 14	NPT 1/4	19	46	17	
	9	MPT 09 FFB 38	MPT 09 FFF 38	BSP 3/8	24.5	53	22	
		MPT 09 FNB 38	MPT 09 FNF 38	NPT 3/8	24.5	53	22	
	12	MPT 12 FFB 12	MPT 12 FFF 12	BSP 1/2	30	81.5	27.5	
		MPT 12 FNB 12	MPT 12 FNF 12	NPT 1/2	30	87	33	
	16	MPT 16 FFB 34	MPT 16 FFF 34	BSP 3/4	37.5	90	35	
		MPT 16 FNB 34	MPT 16 FNF 34	NPT 3/4	37.5	90	35	

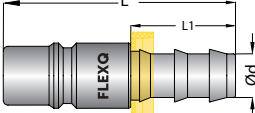
Female thread socket 90° Kupplung mit Innengewinde 90°		 Size	  	 	Ød	Ød1	L	L1
	6	MPT 06 FFB 14-90	MPT 06 FFF 14-90	BSP 1/4	19	46	17	
		MPT 06 FNB 14-90	MPT 06 FNF 14-90	NPT 1/4	19	46	17	
	9	MPT 09 FFB 38-90	MPT 09 FFF 38-90	BSP 3/8	24.5	53	22	
		MPT 09 FNB 38-90	MPT 09 FNF 38-90	NPT 3/8	24.5	53	22	
	12	MPT 12 FFB 12-90	MPT 12 FFF 12-90	BSP 1/2	30	81.5	27.5	
		MPT 12 FNB 12-90	MPT 12 FNF 12-90	NPT 1/2	30	87	33	
	16	MPT 16 FFB 34-90	MPT 16 FFF 34-90	BSP 3/4	37.5	90	35	
		MPT 16 FNB 34-90	MPT 16 FNF 34-90	NPT 3/4	37.5	90	35	

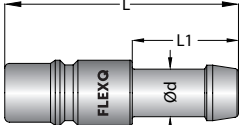
Cylindrical male thread socket Kupplung mit zylindrischem Aussengewinde		Size	  	 	Ød	Ød1	L	L1	HEX
	6	MPT 06 FOB 14	MPT 06 FOF 14	BSP 1/4	19	46	10	17	
	9	MPT 09 FOB 38	MPT 09 FOF 38	BSP 3/8	24.5	53	11	22	
	12	MPT 12 FOB 12	MPT 12 FOF 12	BSP 1/2	30	67	11	22	
	16	MPT 16 FOB 34	MPT 16 FOF 34	BSP 3/4	37.5	90.5	14	27	

Male thread socket 90° Kupplung mit Aussengewinde 90°		Size	  	 	Ød	Ød1	L	L1	HEX
	6	MPT 06 FOB 14-90	MPT 06 FOF 14-90	BSP 1/4	19	46	34	9	
	9	MPT 09 FOB 38-90	MPT 09 FOF 38-90	BSP 3/8	24.5	53	40	10	
	12	MPT 12 FOB 12-90	MPT 12 FOF 12-90	BSP 1/2	30	67	40	10	
	16	MPT 16 FOB 34-90	MPT 16 FOF 34-90	BSP 3/4	37.5	114	47	12	

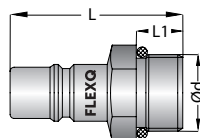
Size			Ød	L	L1	HEX	Cylindrical male thread plug / Nippel mit zylindrischem Aussengewinde
6		MPT 06 MMF 14	BSP 1/4	33	9	14	
		MPT 06 MMF 38	BSP 3/8	34	10	19	
9		MPT 09 MMF 14	BSP 1/4	35	10	15	
		MPT 09 MMF 38	BSP 3/8	37	12	19	
		MPT 09 MMF 12	BSP 1/2	37	12	22	
12		MPT 12 MMF 12	BSP 1/2	42	12	24	
		MPT 12 MMF 34	BSP 3/4	46	16	27	
16		MPT 16 MMF 34	BSP 3/4	62	16	27	
		MPT 16 MMF 10	BSP 1	60	22	32	
		MPT 16 MMF 2415	M24x1.5	56	18	30	

Size			Ød	L	L1	INNER HEX	OUTER HEX	Conical male thread plug Nippel mit konischem Aussengewinde
6		MPT 06 MRF 18	BSPT 1/8	30	9	5	-	
		MPT 06 MRF 14	BSPT 1/4	31	13	5	-	
9		MPT 09 MRF 14	BSPT 1/4	34	10	8	-	
		MPT 09 MRF 38	BSPT 3/8	36	13	8	-	
		MPT 09 MRF 12	BSPT 1/2	42	17	-	22	
		MPT 09 MTF 14	NPT 1/4	37	13	8	-	
		MPT 09 MTF 38	NPT 3/8	38	13	8	-	
12		MPT 12 MRF 38	BSPT 3/8	39	13	10	-	
		MPT 12 MRF 12	BSPT 1/2	45	16	-	22	
		MPT 12 MTF 38	NPT 3/8	39	14	10	-	
		MPT 12 MTF 12	NPT 1/2	45	16	-	22	
16		MPT 16 MRF 34	BSPT 3/4	63	17	-	27	
		MPT 16 MTF 34	NPT 3/4	62	19	-	27	

Size			Ød	L	L1	Push to connect hose tail plug Nippel mit gerader Schnellsteck - Schlauchtülle
6		MPT 06 MPF 10	10 mm	45	24	
9		MPT 09 MPF 10	10 mm	46	24	
9		MPT 09 MPF 13	13 mm	50	28	
12		MPT 12 MPF 13	13 mm	57	28	
12		MPT 12 MPF 16	16 mm	67	38	
16		MPT 16 MPF 16	16 mm	73	38	
16		MPT 16 MPF 19	19 mm	73	38	

Size			Ød	L	L1	Standard hose tail plug Nippel mit gerader Standard - Schlauchtülle
6		MPT 06 MHF 08	8 mm	44	23	
6		MPT 06 MHF 10	10 mm	44	23	
9		MPT 09 MHF 12	12 mm	50	28	
12		MPT 12 MHF 12	12 mm	55	28	
12		MPT 12 MHF 16	16 mm	55	28	
16		MPT 16 MHF 19	19 mm	62	28	

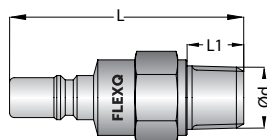
Male thread plug with valve for multicoupling plates
Verschlussnippel mit Aussengewinde für Multikupplungsplatten



Short version for screwing into the multi-coupling blocks
Kurze Version zum Einschrauben in die Multikupplungsblöcke

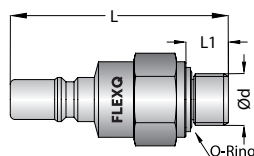
Size		Ød	L	L1	HEX
6	MPT 06 MOB 38 KV	BSP 3/8	35.5	10	19
9	MPT 09 MOB 12 KV	BSP 1/2	37	12	22
12	MPT 12 MOB 34 KV	BSP 3/4	46	16	27
16	MPT 16 MOB 10 KV	BSP 1	60	22	32

Male thread plug with valve
Verschlussnippel mit Aussengewinde

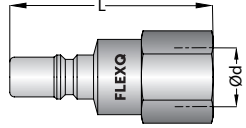


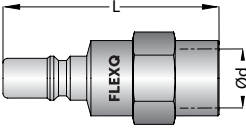
Size		Ød	L	L1	HEX
6	MPT 06 MRB 14	BSPT 1/4	45	12	17
	MPT 06 MTB 14	NPT 1/4	46	13	17
9	MPT 09 MRB 14	BSPT 1/4	50	12	19
	MPT 09 MRB 38	BSPT 3/8	48	12	19
	MPT 09 MRB 12	BSPT 1/2	51	17	22
	MPT 09 MTB 14	NPT 1/4	52	13	19
12	MPT 09 MTB 38	NPT 3/8	48	12	19
	MPT 12 MRB 38	BSPT 3/8	59	12	24
	MPT 12 MRB 12	BSPT 1/2	63	16	24
	MPT 12 MTB 38	NPT 3/8	59	13	24
16	MPT 12 MTB 12	NPT 1/2	62	16	24
	MPT 16 MRB 34	BSPT 3/4	81	19	32
	MPT 16 MTB 34	NPT 3/4	81	19	32

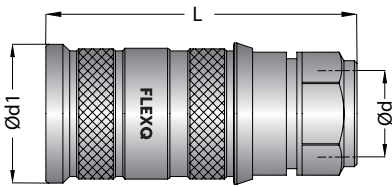
Cylindrical male thread shut-off plug with sealing O-Ring /
Verschlussnippel mit zylindrischem Aussengewinde und O-Ring

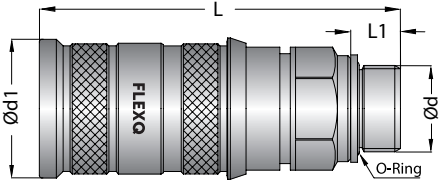


Size		Ød	L	L1	HEX
6	MPT 06 MOB 18	BSP 1/8	43	7	17
	MPT 06 MOB 14	BSP 1/4	45	9	17
9	MPT 09 MOB 14	BSP 1/4	48	9	19
	MPT 09 MOB 38	BSP 3/8	47	9	20
12	MPT 09 MOB 12	BSP 1/2	48	12	24
	MPT 12 MOB 38	BSP 3/8	60	11	24
	MPT 12 MOB 12	BSP 1/2	60	12	24
16	MPT 12 MOB 34	BSP 3/4	59	14	32
	MPT 16 MOB 34	BSP 3/4	81	14	32

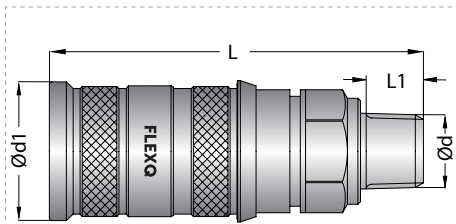
Size		Ød	L	HEX	Female thread plug Nippel mit Innengewinde
6	MPT 06 MFF 14	BSP 1/4	34	17	
	MPT 06 MNF 14	NPT 1/4	36	17	
9	MPT 09 MFF 14	BSP 1/4	37	21	
	MPT 09 MFF 38	BSP 3/8	37	21	
	MPT 09 MNF 14	NPT 1/4	37	21	
	MPT 09 MNF 38	NPT 3/8	37	21	
12	MPT 12 MFF 38	BSP 3/8	39	21	
	MPT 12 MFF 12	BSP 1/2	45	27	
	MPT 12 MNF 12	NPT 1/2	47	27	
16	MPT 16 MFF 34	BSP 3/4	61	32	
	MPT 16 MNF 34	NPT 3/4	61	32	

Size		Ød	L	HEX	Female thread plug with valve Verschlussnippel mit Innengewinde
6	MPT 06 MFB 14	BSP 1/4	47	17	
	MPT 06 MNB 14	NPT 1/4	47	17	
9	MPT 09 MFB 14	BSP 1/4	49	19	
	MPT 09 MFB 38	BSP 3/8	49	21	
	MPT 09 MNB 14	NPT 1/4	49	19	
	MPT 09 MNB 38	NPT 3/8	49	21	
12	MPT 12 MFB 12	BSP 1/2	63	27	
	MPT 12 MNB 12	NPT 1/2	65	27	
16	MPT 16 MFB 34	BSP 3/4	81	32	
	MPT 16 MNB 34	NPT 3/4	81	32	

Size	With Valve / Mit Ventil	Ød	Ød1	L	HEX	Cylindrical female thread socket / Kupplung mit Innengewinde zylindrisch
20	MPT 20 FFB 34	BSP 3/4	54	119	41	
	MPT 20 FFB 10	BSP 1	54	120	41	
	MPT 20 FNB 10	NPT 1	54	120	41	
25	MPT 25 FFB 10	BSP 1	60	142	50	
	MPT 25 FFB 114	BSP 1 1/4	60	142	50	
	MPT 25 FNB 10	NPT 1	60	142	50	
	MPT 25 FNB 114	NPT 1 1/4	60	142	50	
38	MPT 38 FFB 112	BSP 1 1/2	81	151	60	
	MPT 38 FFB 20	BSP 2	81	155	70	

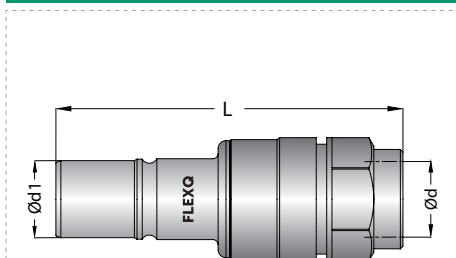
Size	With Valve / Mit Ventil	Ød	Ød1	L	L1	HEX	Cylindrical male thread socket with O-ring Kupplung mit Aussengewinde zylindrisch mit O-Ring
20	MPT 20 FOB 34	BSP 3/4	54	130	16	60	
	MPT 20 FOB 10	BSP 1	54	131	17	70	
25	MPT 25 FOB 10	BSP 1	60	142	19	50	
	MPT 25 FOB 114	BSP 1 1/4	60	142	19	50	
38	MPT 38 FOB 112	BSP 1 1/2	75	164	22	70	
	MPT 38 FOB 20	BSP 2	75	164	22	70	

NPT male thread socket Kupplung mit Aussengewinde NPT



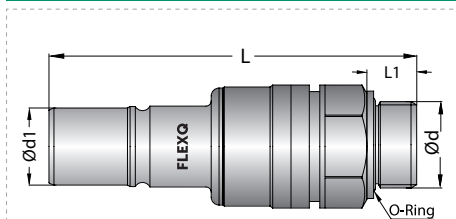
Size	With Valve / Mit Ventil	Ød	Ød1	L	L1	HEX
20	MPT 20 FTB 10	NPT 1	54	136	22	42
25	MPT 25 FTB 114	NPT 1 1/4	60	144	22	50
38	MPT 38 FTB 112	NPT 1 1/2	75	164	24	70
38	MPT 38 FTB 20	NPT 2	75	166	26	70

Cylindrical female thread plug with valve Verschlussnippel mit Innengewinde zylindrisch



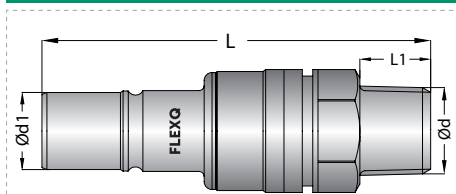
Size	With Valve / Mit Ventil	Ød	Ød1	L	HEX
20	MPT 20 MFB 34	BSP 3/4	29.5	126	41
	MPT 20 MFB 10	BSP 1	29.5	127	41
	MPT 20 MNB 34	NPT 3/4	29.5	126	41
	MPT 20 MNB 10	NPT 1	29.5	127	41
25	MPT 25 MFB 10	BSP 1	34.5	149	50
	MPT 25 MFB 114	BSP 1 1/4	34.5	149	50
	MPT 25 MNB 10	NPT 1	34.5	149	50
	MPT 25 MNB 114	NPT 1 1/4	34.5	149	50
38	MPT 38 MFB 112	BSP 1 1/2	46.5	158	60
	MPT 38 MFB 20	BSP 2	46.5	160	70

Cylindrical male thread plug with valve Verschlussnippel mit Aussengewinde zylindrisch



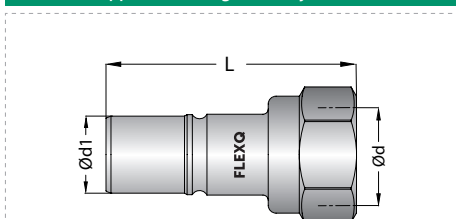
Size	With Valve / Mit Ventil	Ød	Ød1	L	L1	HEX
20	MPT 20 MOB 34	BSP 3/4	29.5	138	16	41
	MPT 20 MOB 10	BSP 1	29.5	139	17	41
25	MPT 25 MOB 10	BSP 1	34.5	150	19	50
	MPT 25 MOB 114	BSP 1 1/4	34.5	150	19	50
	MPT 25 MOB 112	BSP 1 1/2	34.5	153	22	55

NPT male thread plug with valve Verschlussnippel mit Aussengewinde NPT



Size	With Valve / Mit Ventil	Ød	Ød1	L	L1	HEX
20	MPT 20 MTB 10	NPT 1	29.5	146	24	42
25	MPT 25 MTB 112	NPT 1 1/2	34.5	156	24	50

Cylindrical female thread plug / Nippel mit Innengewinde zylindrisch



Size	Without Valve Ohne Ventil	Ød	Ød1	L	HEX
20	MPT 20 MFF 10	BSP 1	29.5	92	41
25	MPT 25 MFF 10	BSP 1	34.5	100	41
25	MPT 25 MFF 114	BSP 1 1/4	34.5	108	50
25	MPT 25 MFF 112	BSP 1 1/2	34.5	108	55

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