

IPT

International Standard Profile For Cooling



IPT, the international standard quick coupling system for low pressure applications

IPT, das internationale Profil für Niederdruckanwendungen

Characteristics / Eigenschaften

- High quality materials
- Compact and ergonomic design
- Robust sealing concept
- Available in stainless steel
- Available as multicoupling
- Hochwertige Materialien
- Kompaktes und ergonomisches Design
- Robustes Dichtungskonzept
- In Edelstahl erhältlich
- Als Multikupplung erhältlich

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

Disconnecting lock / Entkupplungssperre

All couplings are available with the "disconnecting lock" safety feature this prevents the coupling system from unintentionally disconnecting.

Alle Kupplungen sind mit dem Sicherheitsmerkmal - "Entkupplungssperre" erhältlich, welches das ungewollte Entkoppeln des Kupplungssystems verhindert.

IPT
COOLING STANDARD





FLEXQ Series IPT

-- PROFILE INTERNATIONAL --

Options / Optionen

- Color coding / Farbkodierung
- Stainless Steel / Edelstahl
- Safety locking / Sicherheitsverriegelung

R / B
VA
S

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	Sprengtring	Edelstahl
Spring	Stainless steel	Feder	Edelstahl
Balls	Stainless steel	Kugeln	Edelstahl
Seals	Viton (V)	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)



Flow Size Nennweiten

IPT 06 IPT 09 IPT 15

6 9 15



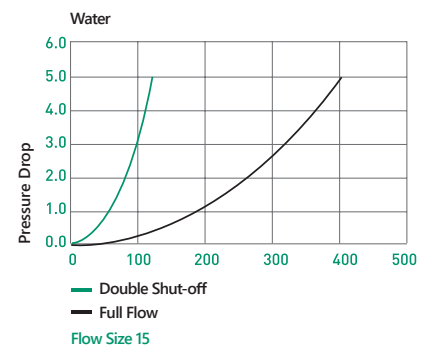
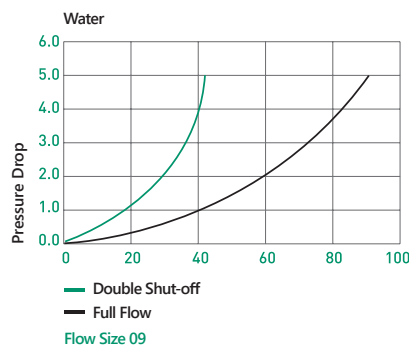
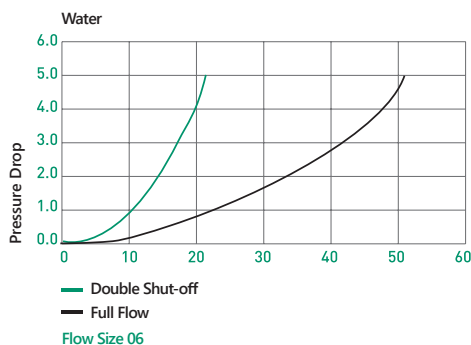
Pressure Druck

10 15 15

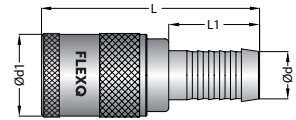
Always make sure no medium flows before disconnecting / Stellen Sie immer vor dem Trennen sicher, dass kein Medium fließt

FLEXQ Serie IPT

Flow Rate & Pressure Drop Graph / Durchfluss- und Druckabfalldiagramm

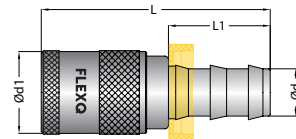


Size					Ød	Ød1		L1	Standard hose tail socket Kupplung mit gerader Standard - Schlauchtülle
6	IPT 06 FHB 06				6 mm	17	56	50	23
	IPT 06 FHB 09				9 mm	17	56	50	23
	IPT 06 FHB 13				13 mm	17	56	52	25
9	IPT 09 FHB 09				9 mm	23	66	57	23
	IPT 09 FHB 13				13 mm	23	68	69	25
15	IPT 15 FHB 16				16 mm	32	85	71	25
	IPT 15 FHB 19				19 mm	32	93	78	28



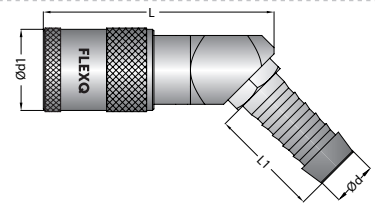
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Size					Ød	Ød1		L1	Clampless hose tail socket Kupplung mit gerader Schnellsteck - Schlauchtülle
6	IPT 06 FPB 06				6 mm	17	53	47	19
	IPT 06 FPB 10				10 mm	17	58	50	24
	IPT 06 FPB 13				13 mm	17	62	54	28
9	IPT 09 FPB 10				10 mm	22	68	60	24
	IPT 09 FPB 13				13 mm	22	72	64	28
15	IPT 15 FPB 16				16 mm	32	101	84	38
	IPT 15 FPB 19				19 mm	32	101	84	38



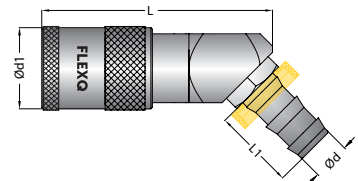
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Size					Ød	Ød1		L1	Standard hose tail socket 45° Kupplung mit 45° Standard - Schlauchtülle
6	IPT 06 FHB 06-45				6 mm	17	45	45	23
	IPT 06 FHB 09-45				9 mm	17	45	45	23
	IPT 06 FHB 13-45				13 mm	17	45	45	23
9	IPT 09 FHB 09-45				9 mm	23	58	58	23
	IPT 09 FHB 13-45				13 mm	23	58	58	25
15	IPT 15 FHB 16-45				16 mm	32	78	78	25
	IPT 15 FHB 19-45				19 mm	32	78	78	28

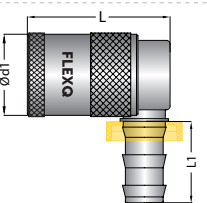


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Size					Ød	Ød1		L1	Clampless hose tail socket 45° Kupplung mit 45° Schnellsteck - Schlauchtülle
6	IPT 06 FPB 06-45				6 mm	17	45	45	19
	IPT 06 FPB 10-45				10 mm	17	45	45	24
	IPT 06 FPB 13-45				13 mm	17	45	45	28
9	IPT 09 FPB 10-45				10 mm	23	58	58	24
	IPT 09 FPB 13-45				13 mm	23	60	58	28
15	IPT 15 FPB 16-45				16 mm	32	78	78	38
	IPT 15 FPB 19-45				19 mm	32	78	78	38



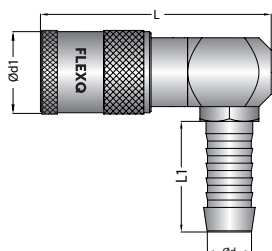
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Size			Ød	Ød1	L	L1	Clampless hose tail socket 90° Kupplung mit 90° Schnellsteck - Schlauchtülle
6	IPT 06 FPF 06-90X26		6 mm	17	26	19	
	IPT 06 FPF 10-90X26		10 mm	17	26	24	
9	IPT 09 FPF 10-90X36		10 mm	23	36	24	
	IPT 09 FPF 13-90X36		13 mm	23	36	28	

Short version
Kurze Version

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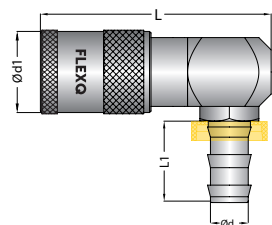
Standard hose tail socket 90° Kupplung mit 90° Standard - Schlauchtülle



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Size				Ød	Ød1	L	L1
6	IPT 06 FHB 06-90	IPT 06 FHF 06-90	6 mm	17	45	45	23
	IPT 06 FHB 09-90	IPT 06 FHF 09-90	9 mm	17	45	45	23
	IPT 06 FHB 13-90	IPT 06 FHF 13-90	13 mm	17	45	45	25
9	IPT 09 FHB 09-90	IPT 09 FHF 09-90	9 mm	23	58	58	23
	IPT 09 FHB 13-90	IPT 09 FHF 13-90	13 mm	23	58	58	25
15	IPT 15 FHB 16-90	IPT 15 FHF 16-90	16 mm	32	81	81	28
	IPT 15 FHB 19-90	IPT 15 FHF 19-90	19 mm	32	81	81	28

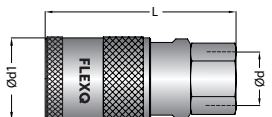
Clampless hose tail socket 90° Kupplung mit 90° Schnellsteck - Schlauchtülle



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Size			Ød	Ød1	L	L1
6	IPT 06 FPB 06-90	IPT 06 FPF 06-9	6 mm	17	45	19
	IPT 06 FPB 10-90	IPT 06 FPF 10-90	10 mm	17	45	24
	IPT 06 FPB 13-90	IPT 06 FPF 13-90	13 mm	17	45	28
9	IPT 09 FPB 10-90	IPT 09 FPF 10-90	10 mm	23	58	24
	IPT 09 FPB 13-90	IPT 09 FPF 13-90	13 mm	23	58	28
15	IPT 15 FPB 16-90°	IPT 15 FPF 16-90	16 mm	32	81	38
	IPT 15 FPB 19-90°	IPT 15 FPF 19-90	19 mm	32	81	38

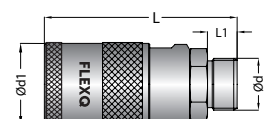
Cylindrical female thread socket Kupplung mit Innengewinde zylindrisch



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Size			Ød	Ød1	L	HEX
6	IPT 06 FFB 18	IPT 06 FFF 18	BSP 1/8	17	41	14
	IPT 06 FFB 14	IPT 06 FFF 14	BSP 1/4	17	43	16
	IPT 06 FFB 38	IPT 06 FFF 38	BSP 3/8	17	43	19
9	IPT 09 FFB 14	IPT 09 FFF 14	BSP 1/4	23	52	17
	IPT 09 FFB 38	IPT 09 FFF 38	BSP 3/8	23	52	19
	IPT 09 FFB 12	IPT 09 FFF 12	BSP 1/2	23	57	24
15	IPT 15 FFB 12	IPT 15 FFF 12	BSP 1/2	32	70	27
	IPT 15 FFB 34	IPT 15 FFF	BSP 3/4	32	75	30

Cylindrical male thread socket Kupplung mit Außengewinde zylindrisch



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Size			Ød	Ød1	L	L1	HEX
6	IPT 06 FMB 14	IPT 06 FMF 14	BSP 1/4	17	46	11	14
	IPT 06 FMB 38	IPT 06 FMF 38	BSP 3/8	17	46	11	17
	IPT 06 FMB 1415	IPT 06 FMF 1415	M14x1.5	17	46	11	15
	IPT 06 FMB 1615	IPT 06 FMF 1615	M16x1.5	17	46	11	17
9	IPT 09 FMB 14	IPT 09 FMF 14	BSP 1/4	23	56	11	17
	IPT 09 FMB 38	IPT 09 FMF 38	BSP 3/8	23	56	11	17
	IPT 09 FMB 12	IPT 09 FMF 12	BSP 1/2	23	58	12	21
	IPT 09 FMB 1615	IPT 09 FMF 1615	M16x1.5	23	56	11	17
15	IPT 15 FMB 12	IPT 15 FMF 12	BSP 1/2	32	78	12	22
	IPT 15 FMB 34	IPT 15 FMF 34	BSP 3/4	32	82	16	30
	IPT 15 FMB 2415	IPT 15 FMF 2415	M24x1.5	32	82	16	27

Size						Ød	Ød1	L	L1	HEX	Cylindrical male thread socket 45° Kupplung mit 45° Außengewinde zylindrisch
6	IPT 06 FMB 14-45°		IPT 06 FMF 14-45		BSP 1/4		17	45	11	14	
	IPT 06 FMB 38-45		IPT 06 FMF 38-45		BSP 3/8		17	45	11	17	
	IPT 06 FMB 1415-45		IPT 06 FMF 1415-45		M14x1.5		17	45	11	15	
	IPT 06 FMB 1615-45		IPT 06 FMF 1615-45		M16x1.5		17	45	11	17	
9	IPT 09 FMB 38-45		IPT 09 FMF 38-45		BSP 3/8		23	58	11	17	
	IPT 09 FMB 1615-45		IPT 09 FMF 1615-45		M16x1.5		23	58	11	17	
15	IPT 15 FMB 12-45		IPT 15 FMF 12-45		BSP 1/2		32	76	12	22	
	IPT 15 FMB 2415-45		IPT 15 FMF 2415-45		M24x1.5		32	76	16	30	

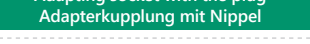
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Size						Ød	Ød1	L	L1	HEX	Cylindrical male thread socket 90° Kupplung mit 90° Außengewinde zylindrisch
6	IPT 06 FMB 14-90		IPT 06 FMF 14-90		BSP 1/4		17	45	11	14	
	IPT 06 FMB 38-90		IPT 06 FMF 38-90		BSP 3/8		17	45	11	17	
	IPT 06 FMB 1415-90		IPT 06 FMF 1415-90		M14x1.5		17	45	11	15	
	IPT 06 FMB 1615-90		IPT 06 FMF 1615-90		M16x1.5		17	45	11	17	
9	IPT 09 FMB 38-90		IPT 09 FMF 38-90		BSP 3/8		23	58	11	17	
	IPT 09 FMB 1615-90		IPT 09 FMF 1615-90		M16x1.5		23	58	11	17	
15	IPT 15 FMB 12-90		IPT 15 FMF 12-90		BSP 1/2		32	81	12	32	
	IPT 15 FMB 2415-90		IPT 15 FMF 2415-90		M24x1.5		32	81	16	30	

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Size	Order No / Bestellnr.	Ød1	L	Blind Socket / Blindkupplung
6	IPT 06 FB	17	27	
9	IPT 09 FB	23	36	
15	IPT 15 FB	32	44	

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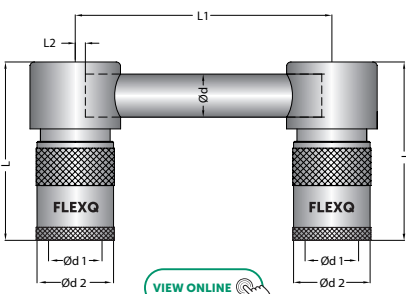
 Size	 With Valve / Mit Ventil	 Without Valve / Ohne Ventil	Ød	Ød1	Ød2	Ød3	L	max. flow	Adapting socket with the plug Adapterkupplung mit Nippel
6	IPT 06 FXB IPT 06	IPT 06 FXF IPT 06	6	9.5	17	9.5	41	6	
6	IPT 06 FXB IPT 09	IPT 06 FXF IPT 09	9	13.5	23	9.5	48	6	
9	IPT 09 FXB IPT 06	IPT 09 FXF IPT 06	6	9.5	17	13.5	51	6	
9	IPT 09 FXB IPT 09	IPT 09 FXF IPT 09	9	13.5	23	13.5	53	9	

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 Size	 With Valve / Mit Ventil	 Without Valve / Ohne Ventil	Ød	Ød1	Ød2	Ød3	L	max. flow	Adapting socket with the plug Adapterkupplung mit Nippel
6	IPT 06 FXB HPT 06	IPT 06 FXF HPT 06	6	9	17	9.5	40	6	
6	IPT 06 FXB HPT 09	IPT 06 FXF HPT 09	9	13	23	9.5	36	6	
9	IPT 09 FXB HPT 06	IPT 09 FXF HPT 06	6	9	17	13.5	50	6	
9	IPT 09 FXB HPT 09	IPT 09 FXF HPT 09	9	13	23	13.5	57	9	

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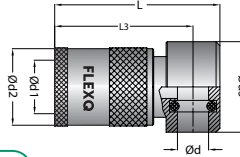
Diverting sockets / Umlenkkupplung



Size	Without Valve / Ohne Ventil	Ød	Ød1	Ød2	L	L1	L2
6	IPT 06 FCF 125	8x1	9.4	17	44	125	2
	IPT 06 FCF 250	8x1	9.4	17	44	250	2
	IPT 06 FCF 500	8x1	9.4	17	44	500	2
9	IPT 09 FCF 125	10x1	13.5	23	57	125	2
	IPT 09 FCF 250	10x1	13.5	23	57	250	2
	IPT 09 FCF 500	10x1	13.5	23	57	500	2

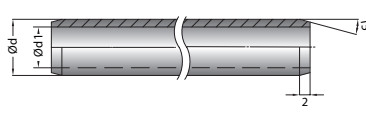
Includes 2 sockets and pipe / Beinhaltet 2 Kupplungen und das Verbindungsrohr

Diverting sockets / Umlenkkupplung



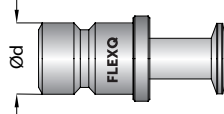
Size	Without Valve / Ohne Ventil	Ød	Ød1	Ød2	Ød3	L	L3
6	IPT 06 FCF	8x1	9.4	17	20	44	37
9	IPT 09 FCF	10x1	13.5	23	26	57	49

Pipe / Verbindungsrohr



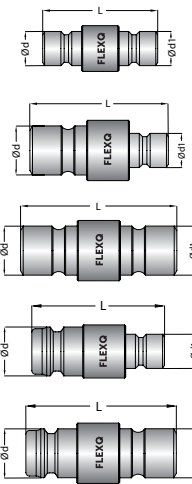
Size	Brass Tube / Messing Rohr	Ød	Ød1	Length / Länge
6	CBM 0810x1000	8	6	1000 mm
9	CBM 1010x1000	10	8	1000 mm

Blind Plug / Blindnippel

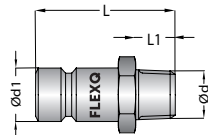


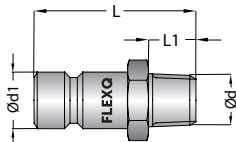
Size	Order No / Bestellnr.	Ød
6	IPT 06 MB	9.4
9	IPT 09 MB	13.5
15	IPT 13 MB	20

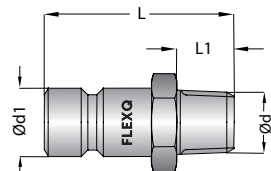
Adapting Plug / Adapternippel

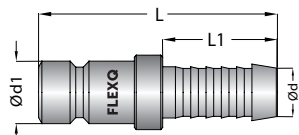


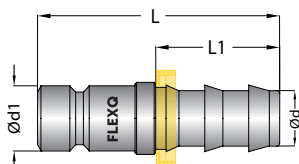
Size		Ød	Ød1	L
6	IPT 06 MXM IPT 06	9.4	9.4	32
6	IPT 06 MXM IPT 09	13.5	9.4	32
9	IPT 09 MXM IPT 09	13.5	13.5	33
6	IPT 06 MXM HPT 06	9	9.4	28
9	IPT 09 MXM HPT 09	13	13.5	33

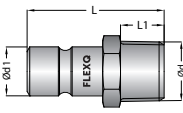
Size			Ød	Ød1	L	L1	HEX	Conical male thread plug Nippel mit Außengewinde konisch
6		IPT 06 MRF 18	BSPT 1/8	9.4	24	9	11	 VIEW ONLINE
		IPT 06 MRF 14	BSPT 1/4	9.4	27	12	14	
		IPT 06 MRF 38	BSPT 3/8	9.4	27	12	17	
		IPT 06 MTF 18	NPT 1/8	9.4	24	9	11	
		IPT 06 MTF 14	NPT 1/4	9.4	28	13	14	
		IPT 06 MTF 38	NPT 3/8	9.4	28	13	17	
		IPT 06 MMF 1010	M10x1	9.4	24	9	11	
		IPT 06 MMF 1415	M14x1.5	9.4	26	11	15	
		IPT 06 MMF 1615	M16x1.5	9.4	26	11	17	

Size			Ød	Ød1	L	L1	HEX	Conical male thread plug Nippel mit Außengewinde konisch
9		IPT 09 MRF 14	BSPT 1/4	13.5	33	12	14	 VIEW ONLINE
		IPT 09 MRF 38	BSPT 3/8	13.5	33	12	17	
		IPT 09 MRF 12	BSPT 1/2	13.5	38	17	22	
		IPT 09 MTF 14	NPT 1/4	13.5	33	13	14	
		IPT 09 MTF 38	NPT 3/8	13.5	33	13	17	
		IPT 09 MTF 12	NPT 1/2	13.5	38	17	22	
		IPT 09 MMF 1010	M10x1	13.5	32	10	14	
		IPT 09 MMF 1415	M14x1.5	13.5	32	11	15	
		IPT 09 MMF 1615	M16x1.5	13.5	33	12	17	

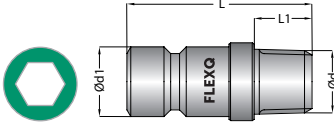
Size			Ød	Ød1	L	L1	HEX	Conical male thread plug Nippel mit Außengewinde konisch
15		IPT 15 MRF 14	BSPT 1/4	20	38	12	21	 VIEW ONLINE
		IPT 15 MRF 38	BSPT 3/8	20	38	12	21	
		IPT 15 MRF 12	BSPT 1/2	20	42	16	22	
		IPT 15 MRF 34	BSPT 3/4	20	43	18	27	
		IPT 15 MTF 38	NPT 3/8	20	39	13	22	
		IPT 15 MTF 12	NPT 1/2	20	42	16	22	
		IPT 15 MTF 34	NPT 3/4	20	43	18	27	

Size			Ød	Ød1	L	L1	Standard hose plug / Nippel mit Standard Schlauchtülle
6		IPT 06 MHF 06	6 mm	9.4	37	23	 VIEW ONLINE
		IPT 06 MHF 09	9 mm	9.4	37	23	
9		IPT 09 MHF 09	9 mm	13.5	45	26	
		IPT 09 MHF 13	13 mm	13.5	45	26	
15		IPT 15 MHF 16	16 mm	20	50	28	
		IPT 15 MHF 19	19 mm	20	55	28	

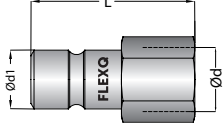
Size			Ød	Ød1	L	L1	Clampless hose tail plug Nippel mit gerader Schnellsteck - Schlauchtülle
6		IPT 06 MPF 06	6 mm	9.4	38	24	 VIEW ONLINE
		IPT 06 MPF 10	10 mm	9.4	38	24	
9		IPT 09 MPF 10	10 mm	13.5	45	24	
		IPT 09 MPF 13	13 mm	13.5	48	28	
15		IPT 15 MPF 16	16 mm	20	65	38	
		IPT 15 MPF 19	19 mm	20	67	38	

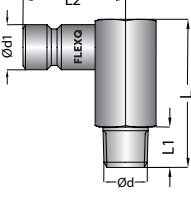
Conical male thread plug with valve Verschlussnippel mit Außengewinde	Size		Ød	Ød1	L	L1	HEX
	6	IPT 06 MRB 14	BSPT 1/4	9.4	29	12	14
		IPT 06 MRB 38	BSPT 3/8	9.4	29	12	17
		IPT 06 MTB 14	NPT 1/4	9.4	29	12	14
		IPT 06 MTB 38	NPT 3/8	9.4	29	12	17
		IPT 06 MKB 1415	M14x1.5	9.4	29	12	14
	9	IPT 09 MRB 14	BSPT 1/4	13.5	32	12	14
		IPT 09 MRB 38	BSPT 3/8	13.5	32	12	17
		IPT 09 MRB 12	BSPT 1/2	13.5	37	16	22
		IPT 09 MTB 14	NPT 1/4	13.5	32	12	14
		IPT 09 MTB 38	NPT 3/8	13.5	32	12	17
		IPT 09 MTB 12	NPT 1/2	13.5	37	16	22
		IPT 09 MKB 1415	M14x1.5	13.5	32	12	15
		IPT 09 MKB 1615	M14x1.5	13.5	32	12	17
	15	IPT 15 MRB 12	BSPT 1/2	20	46	12	22
		IPT 15 MRB 34	BSPT 3/4	20	46	16	27
		IPT 15 MTB 12	NPT 1/2	20	46	12	22
		IPT 15 MTB 34	NPT 3/4	20	46	16	27

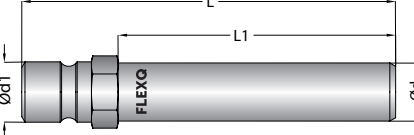
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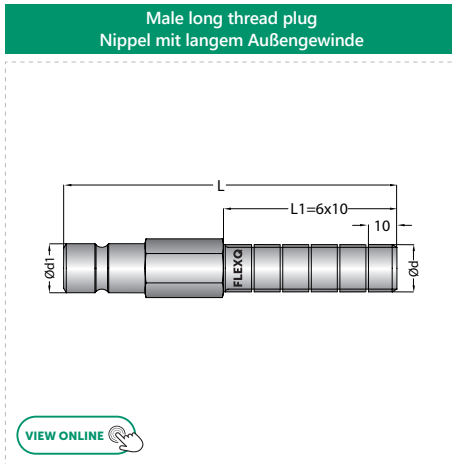
Cylindrical male thread plug innerhex Nippel mit Außengewinde zylindrisch Innensechskant	Size		Ød	Ød1	L	L1	HEX
 Inner HEX	6	IPT 06 MRFH 18	BSPT 1/8	9.4	23	9	5
		IPT 06 MRFH 14	BSPT 1/4	9.4	23	13	5
		IPT 06 MKFH 1010	M10x1	9.4	23	9	5
		IPT 06 MKFH 1415	M14x1.5	9.4	25	9	5
	9	IPT 09 MRFH 14	BSPT 1/4	13.5	30	13	8
		IPT 09 MRFH 38	BSPT 3/8	13.5	30	13	8
		IPT 09 MRFH 12	BSPT 1/2	13.5	30	15	8
		IPT 09 MKFH 1415	M14x1.5	13.5	31	9	8
		IPT 09 MKFH 1615	M16x1.5	13.5	31	9	8

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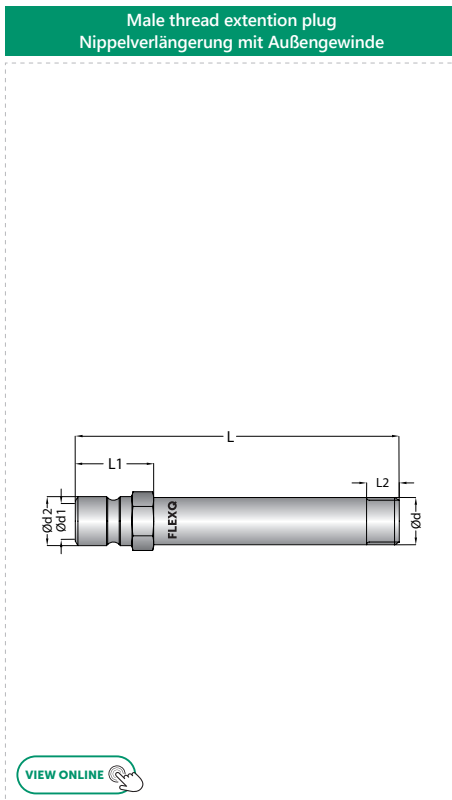
Size			Ød	Ød1	L	HEX	Plug with female thread Nippel mit Innengewinde
6		IPT 06 MFF 18	BSP 1/8	9.4	25	13	
		IPT 06 MFF 14	BSP 1/4	9.4	32	16	
		IPT 06 MFF 38	BSP 3/8	9.4	32	19	
9		IPT 09 MFF 14	BSP 1/4	13.5	27	16	VIEW ONLINE
		IPT 09 MFF 38	BSP 3/8	13.5	28	19	
		IPT 09 MFF 12	BSP 1/2	13.5	30	24	

Size			Ød	Ød1	L	L1	L2	HEX	Conical male thread plug 90° Nippel mit Außengewinde konisch 90°
6		IPT 06 MRF 18-90	BSPT 1/8	9.4	27	9	20	11	
		IPT 06 MRF 14-90	BSPT 1/4	9.4	34	11	22	15	
		IPT 06 MRF 38-90	BSPT 3/8	9.4	34	11	22	17	
		IPT 06 MTF 18-90	NPT 1/8	9.4	27	9	20	11	
		IPT 06 MTF 14-90	NPT 1/4	9.4	34	11	22	15	
		IPT 06 MTF 38-90	NPT 3/8	9.4	34	9	23	17	
		IPT 06 MKF 1010-90	M10x1	9.4	27	11	20	11	
		IPT 06 MKF 1415-90	M14x1.5	9.4	34	11	22	15	
9		IPT 09 MRF 14-90	BSPT 1/4	13.5	38	11	27	15	VIEW ONLINE
		IPT 09 MRF 38-90	BSPT 3/8	13.5	38	11	27	17	
		IPT 09 MTF 14-90	NPT 1/4	13.5	38	11	27	15	
		IPT 09 MKF 1415-90	M14x1.5	13.5	38	11	27	17	

Size			Ød	Ød1	L	L1	HEX	Extention plug without thread Verlängerungsnippel ohne Gewinde
6		IPT 06 MEF 63	10	9.4	63	46	11	
		IPT 06 MEF 100	10	9.4	100	83	11	
		IPT 06 MEF 120	10	9.4	120	103	11	
		IPT 06 MEF 240	10	9.4	240	223	11	
		IPT 06 MEF 360	10	9.4	360	343	11	
9		IPT 09 MEF 150	14	13.5	150	127	15	VIEW ONLINE
		IPT 09 MEF 300	14	13.5	300	127	15	
		IPT 09 MEF 450	14	13.5	450	127	15	



Size		Ød	Ød1	L	L1	HEX
6	IPT 06 MMFL 18x100	BSP 1/8	9.4	100	6x10	11
	IPT 06 MMFL 14x100	BSP 1/4	9.4	100	6x10	14
	IPT 06 MMFL 38x100	BSP 3/8	9.4	100	6x10	17
	IPT 06 MMFL 1010x100	M10x1	9.4	100	6x10	11
	IPT 06 MMFL 1415x100	M14x1.5	9.4	100	6x10	14
Size		Ød	Ød1	L	L1	HEX
9	IPT 09 MMFL 14x100	BSP 1/4	13.5	100	6x10	14
	IPT 09 MMFL 38x100	BSP 3/8	13.5	100	6x10	17
	IPT 09 MMFL 1415x100	M14x1.5	13.5	100	6x10	14
	IPT 09 MMFL 1615x100	M16x1.5	13.5	100	6x10	17

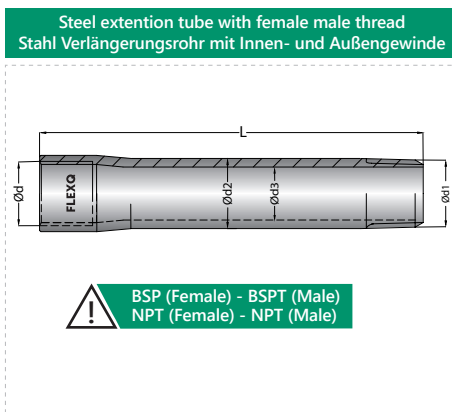


Size		Ød	Ød1	L	L1	L2	HEX
6	IPT 06 MRF 18xL	BSPT 1/8	9.4	*	17	9	11
	IPT 06 MRF 14xL	BSPT 1/4	9.4	*	17	12	14
	IPT 06 MTF 18xL	NPT 1/8	9.4	*	19	9	11
	IPT 06 MMF 1010xL	M10x1.0	9.4	*	19	9	11
9	IPT 09 MRF 14xL	BSPT 1/4	13.5	*	24	12	14
	IPT 09 MRF 38xL	BSPT 3/8	13.5	*	24	12	17
	IPT 09 MTF 14xL	BSP 1/4	13.5	*	24	9	14
	IPT 09 MTF 38xL	BSP 3/8	13.5	*	24	9	17
	IPT 09 MMF 1215xL	M12x1.5	13.5	*	25	9	14
	IPT 09 MMF 1415xL	M14x1.5	13.5	*	24	9	15
15	IPT 15 MRF 38xL	BSPT 3/8	20	*	40	12	22
	IPT 15 MRF 12xL	BSPT 1/2	20	*	40	12	22
	IPT 15 MTF 38xL	NPT 3/8	20	*	40	12	22
	IPT 15 MTF 12xL	NPT 1/2	20	*	40	12	22

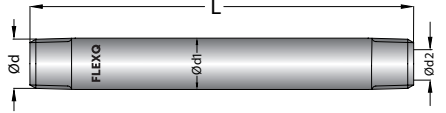
*** L : Lenght (mm): 60 / 80 / 100 / 120 / 150 / 200**

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Size	BSP-BSPT	NPT-NPT	Ød	Ød1	Ød2	Ød3	L	INNER HEX
1/8"	MFE 18/18-50 ST	TNE 18/18-50 ST	1/8	1/8	10	6	50	5
	MFE 18/18-75 ST	TNE 18/18-75 ST	1/8	1/8	10	6	75	5
	MFE 18/18-100 ST	TNE 18/18-100 ST	1/8	1/8	10	6	100	5
	MFE 18/18-125 ST	TNE 18/18-125 ST	1/8	1/8	10	6	125	5
1/4"	MFE 14/14-50 ST	TNE 14/14-50 ST	1/4	1/4	14	9	50	8
	MFE 14/14-75 ST	TNE 14/14-75 ST	1/4	1/4	14	9	75	8
	MFE 14/14-100 ST	TNE 14/14-100 ST	1/4	1/4	14	9	100	8
	MFE 14/14-125 ST	TNE 14/14-125 ST	1/4	1/4	14	9	125	8
	MFE 14/14-150 ST	TNE 14/14-150-ST	1/4	1/4	14	9	150	8

Size	BSPT-BSPT	NPT-NPT	Ød	Ød1	Ød2	L	Steel extention tube with male thread Stahl Verlängerungsrohr mit Außengewinde
1/8"	RRE 18/18-50 ST	TTE 18/18-50 ST	1/8	10	6	50	
	RRE 18/18-100 ST	TTE 18/18-100 ST	1/8	10	6	100	
	RRE 18/18-150 ST	TTE 18/18-150 ST	1/8	10	6	150	
	RRE 18/18-200 ST	TTE 18/18-200 ST	1/8	10	6	200	
	RRE 18/18-250 ST	TTE 18/18-250 ST	1/8	10	6	250	
1/4"	RRE 14/14-50 ST	TTE 14/14-50 ST	1/4	14	9	50	
	RRE 14/14-100 ST	TTE 14/14-100 ST	1/4	14	9	100	
	RRE 14/14-150 ST	TTE 14/14-150 ST	1/4	14	9	150	
	RRE 14/14-200 ST	TTE 14/14-200 ST	1/4	14	9	200	
	RRE 14/14-250 ST	TTE 14/14-250 ST	1/4	14	9	250	
3/8"	RRE 38/38-50 ST	TTE 38/38-50 ST	3/8	17	12	50	
	RRE 38/38-100 ST	TTE 38/38-100 ST	3/8	17	12	100	
	RRE 38/38-150 ST	TTE 38/38-150 ST	3/8	17	12	150	
	RRE 38/38-200 ST	TTE 38/38-200 ST	3/8	17	12	200	
	RRE 38/38-250 ST	TTE 38/38-200 ST	3/8	17	12	250	
1/2"	RRE 12/12-100 ST	TTE 12/12-100 ST	1/2	22	16	100	
	RRE 12/12-150 ST	TTE 12/12-150 ST	1/2	22	16	150	
	RRE 12/12-200 ST	TTE 12/12-200 ST	1/2	22	16	200	
	RRE 12/12-250 ST	TTE 12/12-200 ST	1/2	22	16	250	

Size		Description	Material	Working Temp.	Replacement seal set / Ersatz O-Ring Set
6	SK IPT 06 MN	Plug Seal Set	NBR - Nitrile	-15°C +100°C	
9	SK IPT 09 MN	Plug Seal Set	NBR - Nitrile	-15°C +100°C	
15	SK IPT 15 MN	Plug Seal Set	NBR - Nitrile	-15°C +100°C	
6	SK IPT 06 FN	Socket Seal Set	NBR - Nitrile	-15°C +100°C	
9	SK IPT 09 FN	Socket Seal Set	NBR - Nitrile	-15°C +100°C	
15	SK IPT 15 FN	Socket Seal Set	NBR - Nitrile	-15°C +100°C	
6	SK IPT 06 MV	Plug Seal Set	FPM - Viton	-20°C +200°C	
9	SK IPT 09 MV	Plug Seal Set	FPM - Viton	-20°C +200°C	
15	SK IPT 15 MV	Plug Seal Set	FPM - Viton	-20°C +200°C	
6	SK IPT 06 FV	Socket Seal Set	FPM - Viton	-20°C +200°C	
9	SK IPT 09 FV	Socket Seal Set	FPM - Viton	-20°C +200°C	
15	SK IPT 15 FV	Socket Seal Set	FPM - Viton	-20°C +200°C	

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