

# TNL

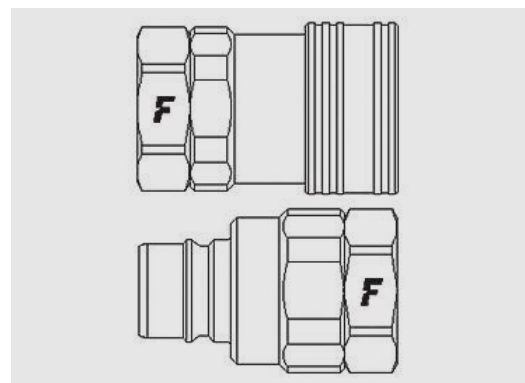


## Standard couplings, US interchange, free flow.

TNL series couplings are commonly used in US market as an alternative to standard series. Assembled without internal valves they have been designed to maximize flow. Fully interchangeable with TNV versions.



## Applications

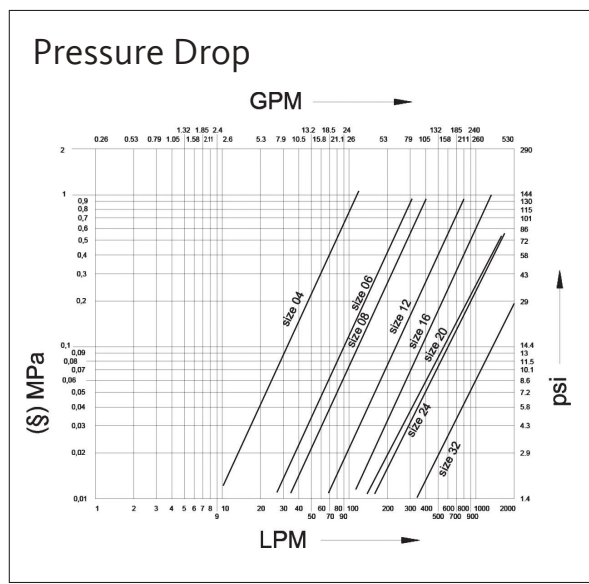


## Technical Specifications

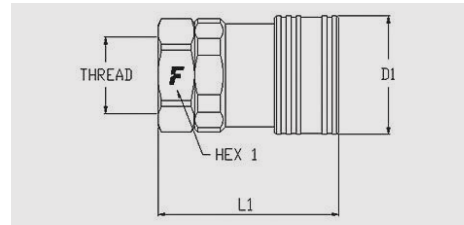
dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
04	6,3	1/4"	27	22	0	60			110
08	12,5	1/2"	22	75	0	92			88
12	20	3/4"	19	170	0	110			76

Material	Steel
Seals	NBR; VITON*
Working temperatures	- 25 °C to + 125 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	MARKET
Valve Type	None
Connection	Sleeve Retraction
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed

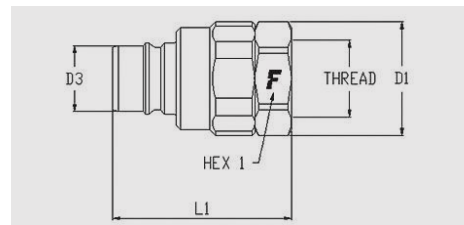
\* Working temperatures: - 20 °C to + 200 °C



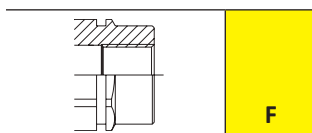
TNL



Size		Thread details			FEMALE							
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1		
						mm	inch	mm	inch	mm	inch	
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	TNL 04 NPT F	50	1,97	24	0,94	22	0,87	
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	TNL 06 NPT F	58	2,3	27	1,1	30	1,2	
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	TNL 08 GAS F	65	2,56	34	1,34	30	1,18	
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	TNL 08 NPT F	65	2,56	34	1,34	30	1,18	
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	TNL 12 NPT F	64	2,52	42	1,65	36	1,42	
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	TNL 12 NPT F V	64	2,52	42	1,65	36	1,42	



Size		Thread details			MALE								
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	TNL 04 NPT M	49	1,93	24	0,94	10,8	0,43	22	0,87
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	TNL 06 NPT M	57	2,24	27	1,06	12,9	0,51	30	1,18
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	TNL 08 GAS M	63	2,48	34	1,34	16	0,63	30	1,18
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	TNL 12 NPT M	64	2,52	42	1,65	23,3	0,92	36	1,42



# TNL accessories

## PVC dust caps



Plugs suitable for FEMALE



Caps suitable for MALE

Size			Plug Details		Size			Cap Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
1/4"	6,3	04	TMH 14	red	1/4"	6,3	04	TFA 14	yellow
1/4"	6,3	04	TMH 14 N	black	1/4"	6,3	04	TFA 14 V	green
3/8"	10	06	TMA 38	yellow	3/8"	10	06	TFA 38	yellow
3/8"	10	06	TMA 38 A	orange	3/8"	10	06	TFA 38 A	orange
3/8"	10	06	TMA 38 B	blue	3/8"	10	06	TFA 38 B	blue
3/8"	10	06	TMA 38 N	black	3/8"	10	06	TFA 38 N	black
3/8"	10	06	TMA 38 R	red	3/8"	10	06	TFA 38 R	red
3/8"	10	06	TMA 38 V	green	3/8"	10	06	TFA 38 V	green
1/2"	12,5	08	TMH 12	red	3/8"	10	06	TFH 38	red
3/4"	20	12	TMH 34	red	3/8"	10	06	TFH 38 A	orange
3/4"	20	12	TMH 34 N	black	3/8"	10	06	TFH 38 B	blue
					3/8"	10	06	TFH 38 G	yellow
					3/8"	10	06	TFH 38 N	black
					1/2"	12,5	08	TFH 12	red
					3/4"	20	12	TFH 34	red
					3/4"	20	12	TFH 34 N	black