

TNL



Standard couplings, US interchange, free flow.

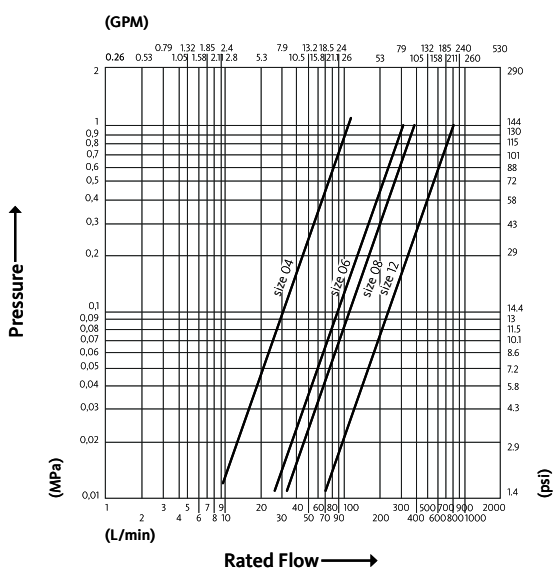
TNL series couplings are commonly used in US market as an alternative to standard series. Assembled without internal valves they have been designed to maximize flow. Fully interchangeable with TNV version.



Applications



Pressure Drop



Test performed according to ISO 18869

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	32	0	35		110	
06	10	3/8"	30	55	0	58		160	
08	12.5	1/2"	22	75	0	92		140	
12	20	3/4"	19	170	0	110		170	

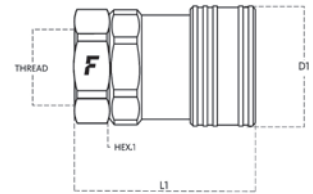
Material	Steel
Seals	NBR; VITON*
Working temperatures	- 25 °C to + 125 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	MARKET

Valve Type	None
Connection	Sleeve Retraction
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed

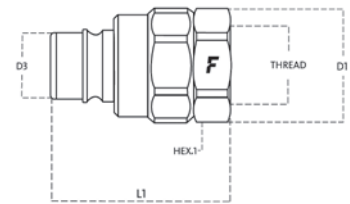


* Working temperatures: - 20 °C to + 200 °C.

TNL



Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	TNL 04 NPT F	50	1.97	24	0.94	22	0.87
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	TNL 08 NPT F	40	1.57	29.6	1.17	27	1.06
12.5	1/2"	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	TNL 08 GAS F	40	1.57	29.6	1.17	27	1.06
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	TNL 12 NPT F V	42	1.65	38	1.50	34	1.34
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	TNL 12 NPT F	42	1.65	38	1.50	34	1.34

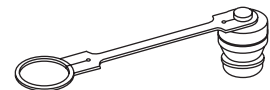


Size		Thread details			MALE								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	TNL 04 NPT M	49	1.93	24	0.94	10.8	0.43	22	0.87
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	TNL 06 NPT M	57	2.24	27	1.06	12.9	0.51	30	1.18
12.5	1/2"	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
20	3/4"	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 and Spares



PVC dust protections



Aluminium dust protections

