



TNL brass

Standard couplings, US interchange, free flow, brass versions.

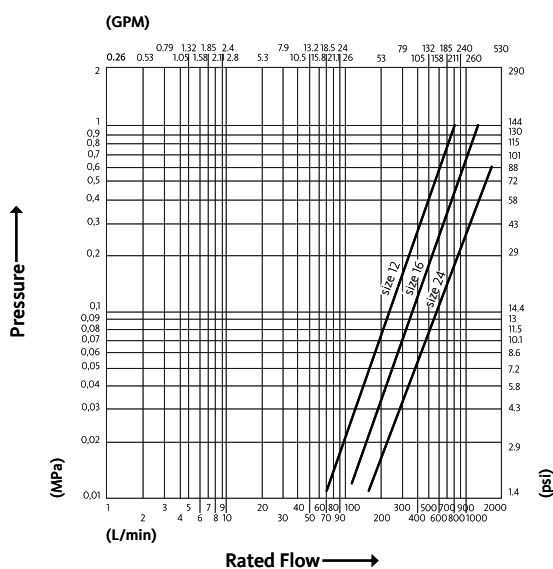
TNL series couplings are commonly used in US market as an alternative to standard series. Assembled without internal valves they have been designed to maximize flow. Fully interchangeable with TNV versions. Brass construction.



Applications



Pressure Drop



Test performed according to ISO 18869

Technical Specifications

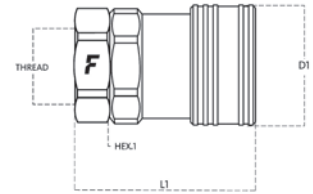
dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
12	20	3/4"	9.5	205	0	50			35
16	25	1"	7.5	280	0	100			30
24	37.5	1-1/2"	5.5	450	0	150			22

Material	Brass
Seals	NBR
Working temperatures	- 25 °C to + 125 °C
Surface treatment	
Series Interchange	MARKET

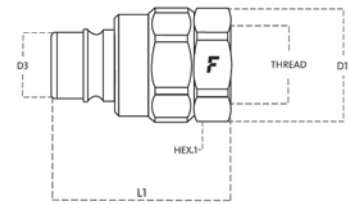
Valve Type	None
Connection	Sleeve Retraction
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed



TNL brass



Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	TNL 12 GAS F 5	42	1.65	42	1.65	34	1.34
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	TNL 16 NPT F 5	51	2.01	52.5	2.07	48	1.89
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	TNL 24 GAS F 5	91	3.58	70	2.76	65	2.56

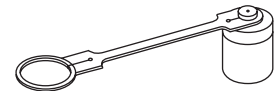
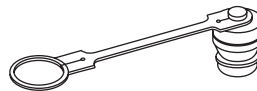


Size		Thread details			MALE								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	TNL 12 GAS M 5	45.5	1.79	38	1.50	-	-	36	1.42
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	TNL 16 NPT M 5	68	2.68	50.5	1.99	29.7	1.17	46	1.81
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	TNL 24 GAS M 5	85	3.35	70	2.76	43.5	1.71	65	2.56

TNL brass Accessories and Spares



PVC dust protections



Aluminium dust protections

