

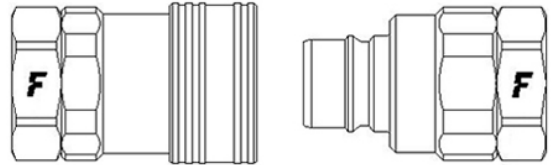
# TNV

## Standard couplings, US interchange

TNV series couplings are commonly used in US market as an alternative to standard series. Their valves have been designed to help flow and to allow connection with TNL parts (free flow) same series.



## Applications

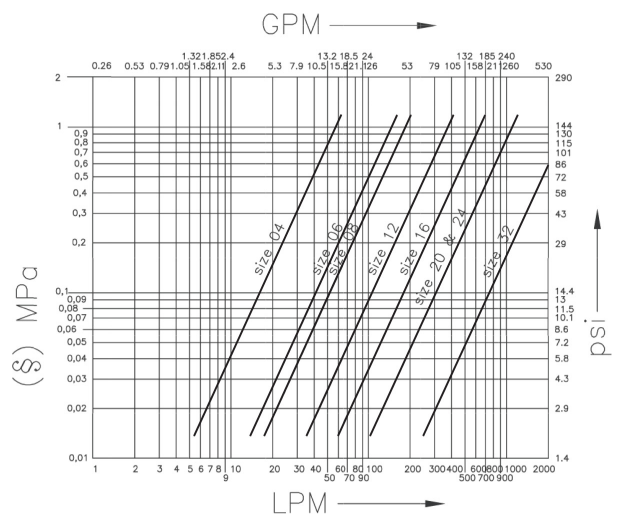


## Technical Specifications

Size (Inch)	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
					Male	Female	Male & Female
1/4	27	22	2	60	160	110	110
3/8	30	65	3	60	180	120	160
1/2	22	75	4	92	90	88	88
3/4	19	170	14	110	76	76	76
1	15	280	20	100	60	60	60
1-1/4	10	450	45	110	50	50	40
1-1/2	11	450	80	150	45	45	45

Seals	<b>NBR</b>
Material	<b>Steel</b>
Valve Type	<b>Poppet</b>
Working temperatures	<b>-25 °C to 125 °C</b>
Surface treatment	<b>MATE 500 (CrIII)</b>
Series Interchange	<b>MARKET</b>
Connection	<b>Sleeve Retraction</b>
Disconnection	<b>Sleeve Retraction</b>
Connection Under Pressure	<b>Not Allowed</b>

## Pressure Drop



Data shown in the diagram are indicative and not binding.  
 (§) 1 MPa = 10 bar. Dash size are specified.