



Minimal fluid loss during disconnection. NSA couplings have minimal pressure drop and no inclusion of air or dust during connection.

Dry-break poppet valve for reduced spillage during connection/disconnection. Light weight due to aluminium construction. Push-Lok connection for fast assembly - time saving.

Working Temperature*

-50°C up to +175°C (Fluorosilicone) depending on the medium.

* For temperatures below -50°C and over +175°C and depending on the medium, other seal variants (NBR, FKM, EPDM, FFKM) are available.



Working Pressure

20 bar

Material

Coupling: Anodized Aluminium

Plug: Anodized Aluminium

Seals: Fluorosilicone

Technical Description

Dead space volume DN 10: 0,08 ml

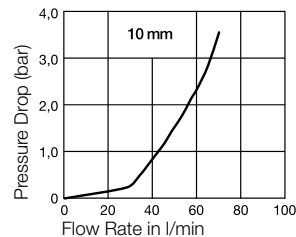
Dead space volume DN 12: 0,1 ml

Connecting Force 0 bar DN 10: 100 N

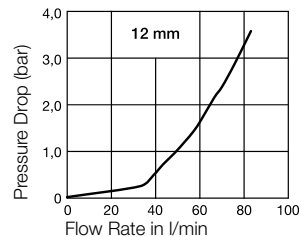
Connecting Force 0 bar DN 12: 167 N

Flow diagrams

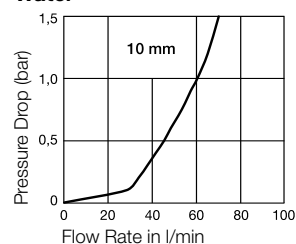
Oil



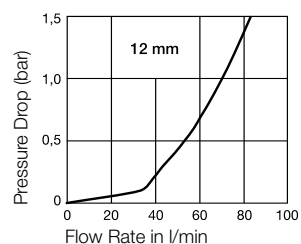
Oil



Water



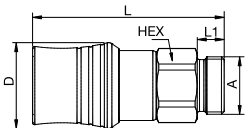
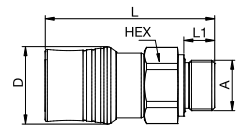
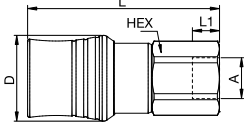
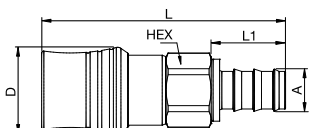
Water





Couplings – flat sealing

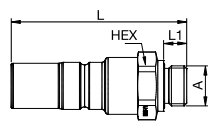
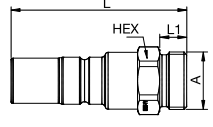
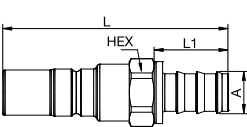
Series NSA

	DN	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread metric DIN 2353</p>	12	M 30 x 1,5	35	99,4	14	44,5	NSA-501-30MCL
 <p>Male Thread BSPP</p>	10	G 3/4	35	88	16	40	NSA-391-12MBO
 <p>Female Thread BSPP</p>	12	G 1/2	35	99,4	14	44,5	NSA-501-8FB
 <p>Parker Push-Lok</p>	12	19 mm	35	126,40	38,30	44,5	NSA-501-12PL



Plugs – flat sealing

Series NSA

	DN	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number	
 <p>Male Thread BSPP with O-ring Seal</p>	10	G 1/2	27	81	14		NSA-392-8MBO	
	12	G 1/2	32	91,1	12		NSA-502-8MBO	
 <p>Male Thread BSPP</p>	12	M 30 x 1,5	32	91,1	14		NSA-502-30MCL	
 <p>Parker Push-Lok</p>	12	19 mm	32	117,1	38,3		NSA-502-12PL	