



Nominal Diameter

6/9/12

Parker Series

NSP**Technical Description**

The NSP are dry break couplings with flat face valves. The compact design make them suitable for reduced spaces. Coupling system with single-hand operation.

Advantages

No spillage during connection/disconnection. Push to connect function. Low pressure drop. Specific design for cooling applications. Can be used either with water and heat transfer oils. Excellent resistance to vibrations and mechanical stresses.

Working Temperature*

-20°C up to +200°C (FKM) depending on the medium.

* For temperatures below -20°C and over +200°C and depending on the medium, other seal variants are available.


Dry-Break
Working Pressure**

60 bar

** maximum static working pressure.

Material

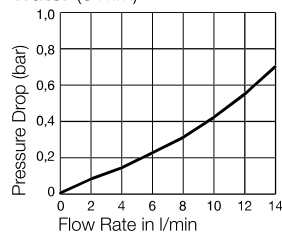
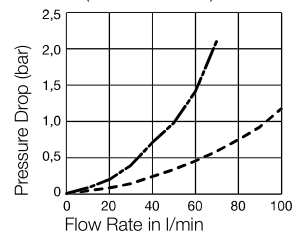
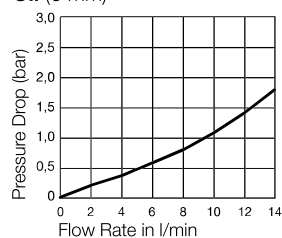
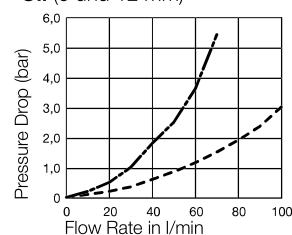
Coupling: Brass/Stainless Steel

Plug: Brass/Stainless Steel

Seals: FKM

Flow diagrams

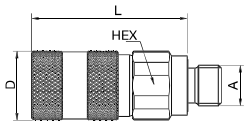
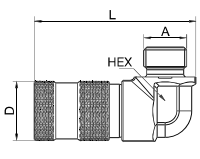
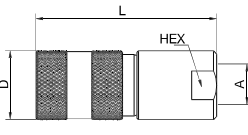
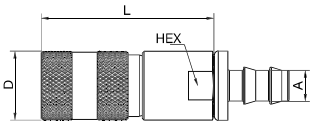
— Diameter 6 mm
 - - - Diameter 9 mm
 - - - - Diameter 12 mm

Water (6 mm)**Water (9 und 12 mm)****Oil (6 mm)****Oil (9 und 12 mm)**



Couplings – flat sealing

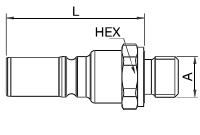
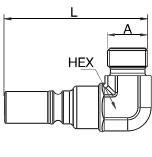
Series NSP

	DN	Connection A	HEX mm	L mm	D mm	Part Number
 <p>Male Thread</p>	6	G 1/4	21	49,8	22	NSP-251-4MBE ¹
	6	M 16 x 1,5	20	44,8	22	NSP-251-16MCL ²
	9	G 3/8	27	63	30	NSP-371-6MBO
	12	G 1/2	35	90,4	42	NSP-501-8MBO
 <p>Male Thread 90°</p>	6	M 16 x 1,5	17	59,2	22	NSP-251-C16MCL
 <p>Female Thread</p>	6	G 1/4	20	57,9	22	NSP-251-4FB
	9	G 3/8	27	72	30	NSP-371-6FB
	12	G 1/2	35	99,4	42	NSP-501-8FB
 <p>Parker Push-Lok</p>	6	10 mm	20	55,2	22	NSP-251-6PL



Plugs – flat sealing

Series NSI

	DN	Connection A	HEX mm	L mm	D mm	Part Number
 <p>Male Thread</p>	6	G 1/4	19	44		NSI-252-4MBE ¹
	9	G 3/8	24	60,2		NSI-372-6MBO
	12	G 1/2	32	79,1		NSI-502-8MBO
 <p>Male Thread 90°</p>	6	M 16 x 1,5	16	57,8		NSI-252-C16MCL-2

¹ End connection according to ISO1179-2 ED seal

² End connection according to DIN 2353 24° cone