



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**

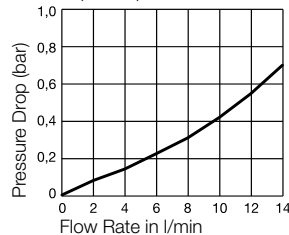
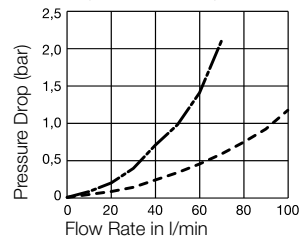
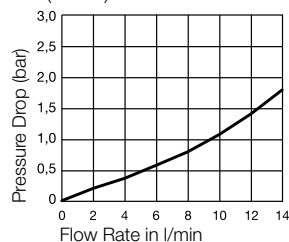
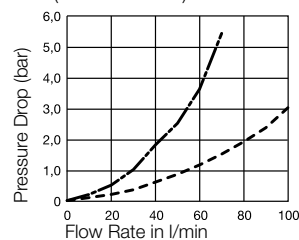
**Coupling:** Brass/Stainless Steel

**Plug:** Brass/Stainless Steel

**Seals:** FKM

**Flow diagrams**

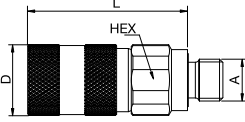
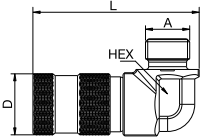
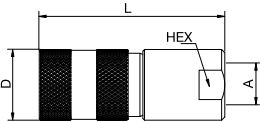
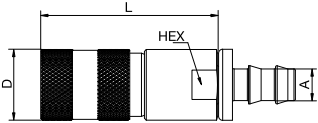
— Diameter 6 mm  
- - - Diameter 9 mm  
- - - Diameter 12 mm

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



# Couplings – flat sealing

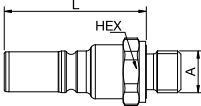
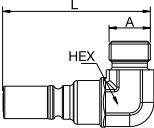
# Series NSP

	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 <sup>1</sup>
	6	M 16 x 1,5	20	44,8	22	NSP-251-16MCL <sup>2</sup>
	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 <sup>1</sup>
	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

<sup>1</sup> End connection according to ISO1179-2 ED seal

<sup>2</sup> End connection according to DIN 2353 24° cone