



### 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.

Special seals up to 250°C are available on request.



## DryBreak

### Max. Working Pressure\*

60 bar (see chart)  
\* maximum static working pressure with safety factor 4 to 1.

### Material

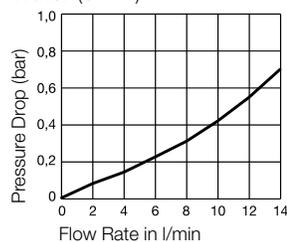
**Coupling:** Brass/Stainless Steel  
**Plug:** Brass/Stainless Steel  
**Seals:** FKM

### Applications

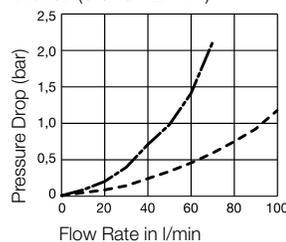
- Molding
- Electronic cabinets
- Laser
- Converters
- Radar, etc.

### Flow diagrams

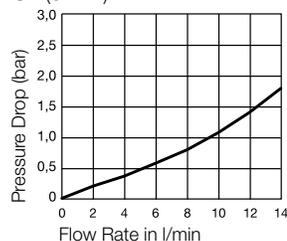
#### Water (6 mm)



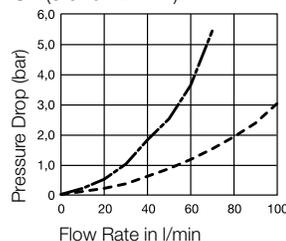
#### Water (9 and 12 mm)



#### Oil (6 mm)



#### Oil (9 and 12 mm)

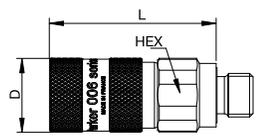
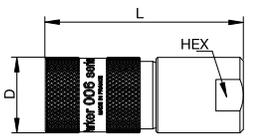
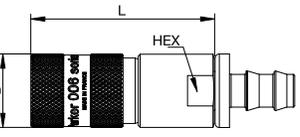


— ND 6 mm  
- - - ND 9 mm  
· · · ND 12 mm



## Couplings – flat-sealing

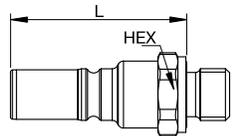
## Series NSP

	Nominal Diameter (mm)	HEX mm	L mm	D mm	Max. Working Pressure (bar)
 <p>Male Thread</p>	6	21	49,9	22	60
	9	27	63	30	60
	12	32	90,4	42	60
 <p>Female Thread</p>	6	20	57,9	22	60
	9	27	72	30	60
	12	32	99,4	42	60
 <p>Hose Barb</p>	6	20	55,2	22	60



## Plugs – flat-sealing

## Series NSP

	Nominal Diameter (mm)	HEX mm	L mm	D mm	Max. Working Pressure (bar)
 <p>Male Thread</p>	6	19	44		60
	9	24	60,2		60
	12	32	79,1		60