**Nominal Diameter**
# 19

**Parker Series**
# NSE



The NSE are dry-break couplings with flat face valves. The compact design makes it suitable for reduced spaces when high flow is needed. Coupling system with two-hand operation, i.e. both hands are required when connect/disconnect.

High flow with low pressure drop. No spillage during connection/disconnection. Specific design for cooling applications. Reduced dimensions compared to flow capacities.

**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 (NBR, EPDM, FFKM) are available.

**KL** Dry-break

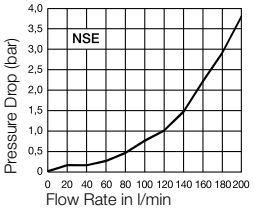
## Working Pressure**
15 bar
** maximum static working pressure with safety factor 4 to 1.

## Material
**Coupling:** Stainless Steel
**Plug:** Stainless Steel
**Seals:** FKM

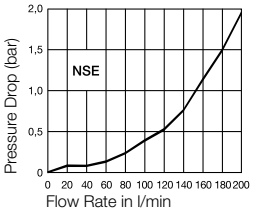
## Technical Description
**Dead space volume DN 16:** 0,12 ml
**Dead space volume DN 19:** 0,15 ml
**Dead space volume DN 25:** 0,18 ml

**Connecting Force 0 bar DN 16:** 137 N
**Connecting Force 0 bar DN 19:** 160 N
**Connecting Force 0 bar DN 25:** 175 N

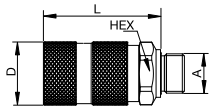
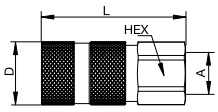
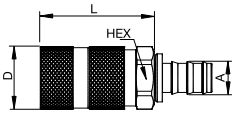
## Flow diagrams
**Oil**



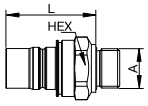
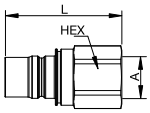
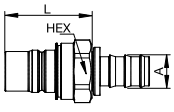

**Water**



## Couplings – flat sealing — Series NSE

| | DN | Connection A | HEX mm | L mm | D mm | Part Number |
|---|---|---|---|---|---|---|
|  Male Thread | 16 | G 3/4 | 34 | 68,8 | 37 | NSE-621-12MBO |
| | 19 | G 3/4 | 38 | 78,5 | 42 | NSE-751-12MBO |
|  Female Thread | 19 | G 1 | 38 | 96,6 | 42 | NSE-751-16FB |
| | 25 | G 1 1/4 | 50 | 120,5 | 53 | NSE-1001-20FB |
|  Parker Push-Lok | 19 | 12,5 mm | 38 | 76,4 | 42 | NSE-751-8PL |
| | 19 | 19 mm | 38 | 76,4 | 42 | NSE-751-12PL |

## Plugs – flat sealing — Series NSE

| | DN | Connection A | HEX mm | L mm | D mm | Part Number |
|---|---|---|---|---|---|---|
|  Male Thread | 16 | G 3/4 | 34 | 56,5 | | NSE-622-12MBO |
| | 19 | G 3/4 | 38 | 60,3 | | NSE-752-12MBO |
|  Female Thread | 19 | G 1 | 38 | 78,4 | | NSE-752-16FB |
| | 25 | G 1 1/4 | 50 | 96,8 | | NSE-1002-20FB |
|  Parker Push-Lok | 19 | 12,5 mm | 38 | 58,2 | | NSE-752-8PL |
| | 19 | 19 mm | 38 | 58,2 | | NSE-752-12PL |

⚠ Please consider our security advices on the pages 12/13 ⚠