



The RNS are rigid couplings with flat face valves. They can be mounted on rigid manifolds or tubing and assure connection/disconnection without spillage. Base material is brass and stainless steel.

Push-Pull connection/disconnection, break-away function. Dry-break connection/disconnection. Connection guiding system and compensation of misalignment during connection on rack systems (when both are mounted on rigid devices). Specific design for cooling applications.

#### Working Temperature\*

-30°C up to +100°C (NBR)  
depending on the medium.

\* For temperatures below -30°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



#### Working Pressure\*\*

60 bar

\*\* maximum static working pressure with safety factor 4 to 1.

#### Material

**Coupling:** Brass/Stainless Steel

**Plug:** Brass/Stainless Steel

**Seals:** NBR

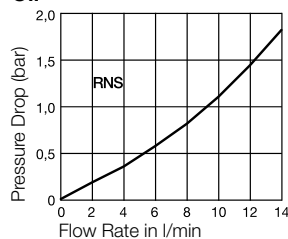
#### Technical Description

Dead space volume: 0,1 ml

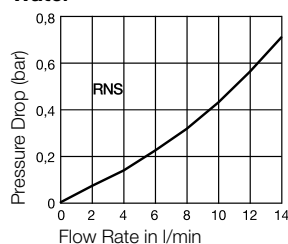
Connecting Force 0 bar: 95 N

#### Flow diagrams

##### Oil



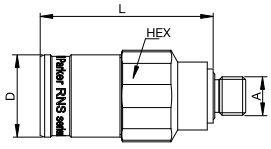
##### Water





## Couplings – flat sealing

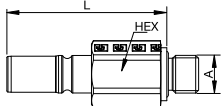
## Series RNS

	DN	Connection A	HEX mm	L mm	D mm	Part Number
 <p>Male Thread</p>	6	G 1/4	30	58,6	28	RNS-251-4MBO



## Plugs – flat sealing

## Series RNS

	DN	Connection A	HEX mm	L mm	D mm	Part Number
 <p>Male Thread</p>	6	G 1/4	21	55,2		RNS-252-4MBO