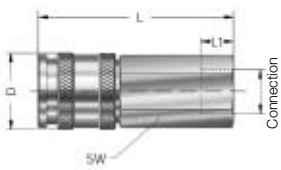


# Serie 123 – NW 5,5

## Verschlusskupplungen und Stecknippel Couplings and plugs

### Verschlusskupplungen mit Innengewinde

#### Female Coupling



| Connection | L  | L1 | L2 | L3 | D  | D1 | D2 | H | SW | SW1 | G | Code-No.              |
|------------|----|----|----|----|----|----|----|---|----|-----|---|-----------------------|
| G1/4       | 59 | 9  |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.IG014.MNP |
| G3/8       | 60 | 9  |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.IG038.MNP |
| G1/2       | 64 | 12 |    |    | 23 |    |    |   | 24 |     |   | 123.00.KVNS.IG012.MNP |

### Verschlusskupplungen mit Außengewinde

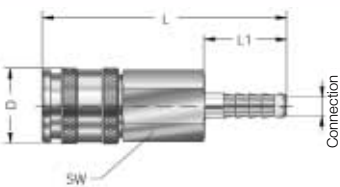
#### Male Coupling



| Connection | L  | L1 | L2 | L3 | D  | D1 | D2 | H | SW | SW1 | G | Code-No.              |
|------------|----|----|----|----|----|----|----|---|----|-----|---|-----------------------|
| R1/4       | 62 | 12 |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.AR014.MNP |
| R3/8       | 64 | 13 |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.AR038.MNP |
| R1/2       | 67 | 17 |    |    | 23 |    |    |   | 22 |     |   | 123.00.KVNS.AR012.MNP |

### Verschlusskupplungen mit Schlauchtülle

#### Hose Tail Coupling



| Connection | L  | L1 | L2 | L3 | D  | D1 | D2 | H | SW | SW1 | G | Code-No.              |
|------------|----|----|----|----|----|----|----|---|----|-----|---|-----------------------|
| LW6        | 75 | 25 |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.ST006.MNP |
| LW8        | 75 | 25 |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.ST008.MNP |
| LW9        | 75 | 25 |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.ST009.MNP |
| LW10       | 75 | 25 |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.ST010.MNP |
| LW13       | 75 | 25 |    |    | 23 |    |    |   | 19 |     |   | 123.00.KVNS.ST013.MNP |

#### Physikalische Daten

- Einseitig absperribar  $\rightarrow \leftarrow$
- Beidseitig absperribar  $\leftrightarrow$  (auf Anfrage)
- Freier Durchgang  $\rightarrow \leftarrow$  (auf Anfrage)
- Druckbereich: 1 bar bis 3,5 bar, sowie Grobvakuum
- Temperaturbereich: -20° C bis +100° C

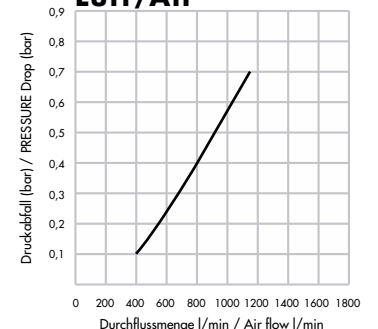
#### Werkstoffe

- Anschluss und Ventilkörper aus Ms58 vernickelt
- Entriegelungshülse und Stecker aus Stahl gehärtet und vernickelt
- Ventil aus Ms58
- Federn, Werkstoff-Nr.: 1.4310
- Verriegelungskugeln, Werkstoff-Nr.: 1.4034
- Dichtungen aus Perbunan NBR

#### Vorteile

- Robuste Bauweise
- Viele Anschlussvarianten
- Die Kupplung dichtet, bevor das Ventil öffnet
- Hohe Durchgangsleistung
- Alle Teile nichtrostend
- Universell einsetzbar
- Die geschlossene Entriegelungshülse verhindert das Verschmutzen der Innenteile

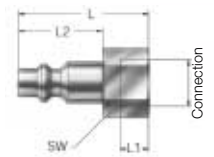
#### Luft/Air



$$C_v = 1,382$$

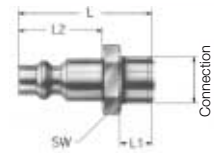
## Stecknippel mit Innengewinde Female Plug

| Connection | L  | L1 | L2 | L3 | D | D1 | D2 | H | SW | SW1 | G | Code-No.              |
|------------|----|----|----|----|---|----|----|---|----|-----|---|-----------------------|
| G1/8       | 34 | 6  | 24 |    |   |    |    |   | 14 |     |   | 123.00.S000.IG018.SN0 |
| G1/4       | 37 | 8  | 24 |    |   |    |    |   | 17 |     |   | 123.00.S000.IG014.SN0 |
| G3/8       | 37 | 8  | 24 |    |   |    |    |   | 19 |     |   | 123.00.S000.IG038.SN0 |
| G1/2       | 40 | 10 | 24 |    |   |    |    |   | 24 |     |   | 123.00.S000.IG012.SN0 |
| M14 x 1,5  | 37 | 8  | 24 |    |   |    |    |   | 17 |     |   | 123.00.S000.IM014.SN0 |
| M16 x 1,5  | 37 | 8  | 24 |    |   |    |    |   | 19 |     |   | 123.00.S000.IM016.SN0 |
| M18 x 1,5  | 39 | 10 | 24 |    |   |    |    |   | 22 |     |   | 123.00.S000.IM018.SN0 |



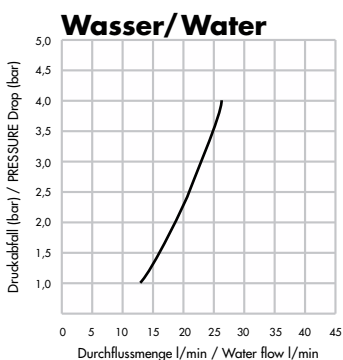
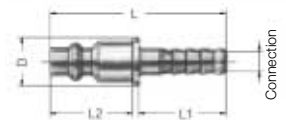
## Stecknippel mit Außengewinde Male Plug

| Connection | L  | L1 | L2 | L3 | D | D1 | D2 | H | SW | SW1 | G | Code-No.              |
|------------|----|----|----|----|---|----|----|---|----|-----|---|-----------------------|
| R1/8       | 37 | 9  | 24 |    |   |    |    |   | 14 |     |   | 123.00.S000.AR018.SN0 |
| R1/4       | 41 | 12 | 24 |    |   |    |    |   | 14 |     |   | 123.00.S000.AR014.SN0 |
| R3/8       | 41 | 12 | 24 |    |   |    |    |   | 17 |     |   | 123.00.S000.AR038.SN0 |
| R1/2       | 47 | 17 | 24 |    |   |    |    |   | 22 |     |   | 123.00.S000.AR012.SN0 |
| M14 x 1,5  | 39 | 10 | 24 |    |   |    |    |   | 17 |     |   | 123.00.S000.AM014.SN0 |
| M16 x 1,5  | 40 | 11 | 24 |    |   |    |    |   | 19 |     |   | 123.00.S000.AM016.SN0 |
| M18 x 1,5  | 40 | 11 | 24 |    |   |    |    |   | 22 |     |   | 123.00.S000.AM018.SN0 |



## Stecktülle Hose Tail Plug

| Connection | L  | L1 | L2 | L3 | D  | D1 | D2 | H | SW | SW1 | G | Code-No.              |
|------------|----|----|----|----|----|----|----|---|----|-----|---|-----------------------|
| LW4        | 51 | 25 | 24 |    | 14 |    |    |   |    |     |   | 123.00.S000.ST004.SN0 |
| LW6        | 51 | 25 | 24 |    | 14 |    |    |   |    |     |   | 123.00.S000.ST006.SN0 |
| LW8        | 51 | 25 | 24 |    | 14 |    |    |   |    |     |   | 123.00.S000.ST008.SN0 |
| LW9        | 51 | 25 | 24 |    | 14 |    |    |   |    |     |   | 123.00.S000.ST009.SN0 |
| LW10       | 51 | 25 | 24 |    | 14 |    |    |   |    |     |   | 123.00.S000.ST010.SN0 |
| LW13       | 51 | 25 | 24 |    | 15 |    |    |   |    |     |   | 123.00.S000.ST013.SN0 |



$$C_v = 1,382$$

### Performance

- Single shut off
- Double shut off
- Straight through
- Working pressure: 1–35 bar
- Temperature range: -20° C to 100° C

### Material

- Back part: brass, nickel plated
- Coupler body: brass, nickel plated
- Valve: brass
- Sleeve: steel, hardend and nickel plated
- Springs and circlip: stainless steel
- Balls: stainless steel
- Seals: buna N (NBR)
- Plugs: steel hardend and nickel plated

### Advantages

- Robust construction
- Various connections available
- Coupling is sealed before valve is opened
- All components rustfree
- Universal applicably
- The construction of the sleeve guarantees the cleanness of the inner