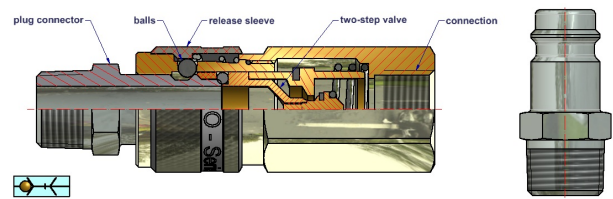


LOW-PRESSURE COUPLING, 152- NOMINAL FLOW DIAMETER 10,0-BRASS,NICKEL PLATED



**TECHNIQUE**

Single-handed coupling with automatic 6-point lock with balls. The coupling process is started by pushing the plug connector in until the balls engage audibly. The uncoupling process is started by pushing the release sleeve back in the direction of the connection. The valve returns to its original position. Advantage of this double stage valve is the low bonding force of plug connector and coupling.

**ANWENDUNGSBEREICHE**

- general industrial supplies
- double shut off
- medical technology

**PRESSURE RANGE**

The coupling can be statically loaded up to 35 bar without pulsation.

**MATERIALS COUPLING**

Basic body, release sleeve connection, valve brass, nickel plated  
 Pressure springs AISI 316Ti  
 Balls AISI 420

**MATERIALS GASKET**

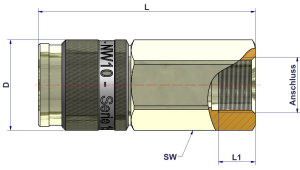
Seals made of nitrile butadiene rubber (NBR)  
 Hardness of material 70 Shore  
 Temperature range -30°C through +110°C  
 Temperature range -35°C through +110°C (allowed for short periods)  
 Gas permeability coefficient (Ø)=5  
 Resistant to mineral oils, fuels, water and watery liquids, fuel gas, hot air and many chemicals (on request)  
 If air or ozone are applied, hardening and brittleness (cracking) must be expected.

**MATERIALS CONNECTION**

Plug connector steel, tempered

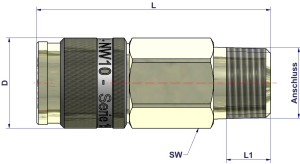
LOW-PRESSURE COUPLING, 152- NOMINAL FLOW DIAMETER 10,0-BRASS,NICKEL PLATED

FEMALE COUPLING



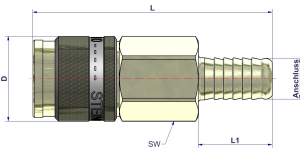
Connection	D	L	L1	SW	Order number
G1/4	27	64,5	10	24	152.00.KVNS.IG014.MNP
G3/8	27	64,5	10	24	152.00.KVNS.IG038.MNP
G1/2	27	66	12	24	152.00.KVNS.IG012.MNP
G3/4	27	70	16	32	152.00.KVNS.IG034.MNP

MALE COUPLING



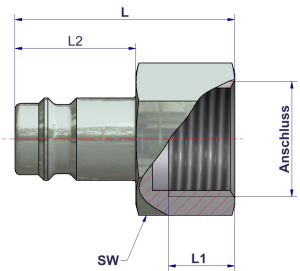
Connection	DN	D	L	L1	SW	Order number
R1/4	8	27	53,5	12	24	152.00.KVNS.AR014.MNP
R3/8	10	27	53,3	12	24	152.00.KVNS.AR038.MNP
R1/2	12	27	53	17	24	152.00.KVNS.AR012.MNP
R3/4	14	27	50	17	27	152.00.KVNS.AR034.MNP

COUPLING WITH HOSE CONNECTOR



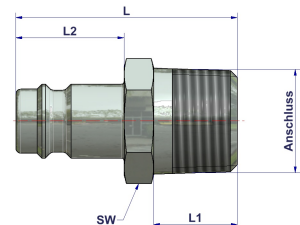
Connection	DN	D	L	L1	SW	Order number
LW6	4	27	53	23,5	24	152.00.KVNS.ST006.MNP
LW8	5	27	53	23,5	24	152.00.KVNS.ST008.MNP
LW9	6	27	53	23,5	24	152.00.KVNS.ST009.MNP
LW10	7	27	53	23,5	24	152.00.KVNS.ST010.MNP
LW13	10	27	53	23,5	24	152.00.KVNS.ST013.MNP
LW16	10	27	53	23,5	24	152.00.KVNS.ST016.MNP
LW19	10	27	53	23,5	24	152.00.KVNS.ST019.MNP

FEMALE PLUG



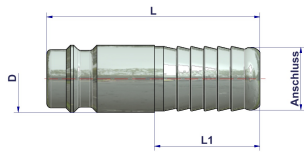
Connection	L	L1	SW	Order number
G1/4	33	10	17	152.00.S000.IG014.SZ0
G3/8	33	10	19	152.00.S000.IG038.SZ0
G1/2	38,5	12	24	152.00.S000.IG012.SZ0
G3/4	43	16	32	152.00.S000.IG034.MNP

MALE PLUG



Connection	DN	L	L1	SW	Order number
R1/4	8	38	12	17	152.00.S000.AR014.SZ0
R3/8	10	38	12	17	152.00.S000.AR038.SZ0
R1/2	10	45	17	22	152.00.S000.AR012.SZ0
R3/4	10	48	19	27	152.00.S000.AR034.SZ0

LOW-PRESSURE COUPLING, 152- NOMINAL FLOW DIAMETER 10,0-BRASS,NICKEL PLATED



HOSE TAIL PLUG

Connection	DN	L	L1	Order number
LW6	4	47,5	23,5	152.00.S000.ST010.SZ0
LW8	5	47,5	23,5	152.00.S000.ST013.SZ0
LW9	6	47,5	23,5	152.00.S000.ST009.SZ0
LW10	7	47,5	23,5	152.00.S000.ST009.SZ0
LW13	10	47,5	23,5	152.00.S000.ST013.SZ0
LW16	10	47,5	23,5	152.00.S000.ST016.SZ0
LW19	10	47,5	23,5	152.00.S000.ST019.SZ0