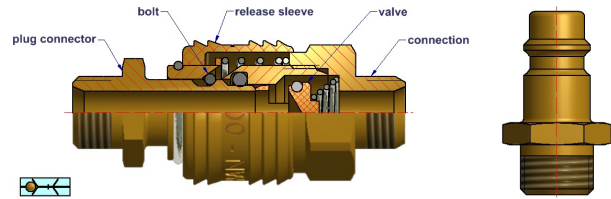


LOW-PRESSURE COUPLING, 100- NOMINAL FLOW DIAMETER 7.2-BRASS



TECHNIQUE

Single-handed coupling with automatic 2-point locking with bolts. Coupling occurs by pushing the plug connector in until the bolts catch 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 and pushes the plug connector out of the coupling.

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- medical technology
- general industrial supplies
- double shut off
- brass

PRESSURE RANGE

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

MATERIALS COUPLING

Basic body, release sleeve, connection	brass
Support disc, valve (see special characteristics)	brass
Pressure springs, retaining ring	1.4310
Locking bolts	1.4401

MATERIALS GASKET

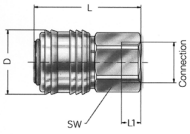
Seals made of nitrile butadiene rubber (NBR)
 Hardness of material 70 Shore
 Temperature range -30°C through +110°C
 Temperature range -35°C through +110°C (allowed for short periods)
 Gas permeability coefficient (Ø)=5
 Resistant to mineral oils, fuels, water and watery liquids, fuel gas, hot air and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

MATERIALS CONNECTION

Plug connector brass

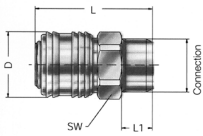
LOW-PRESSURE COUPLING, 100- NOMINAL FLOW DIAMETER 7.2-BRASS

FEMALE COUPLING



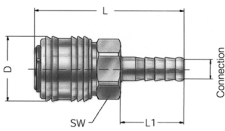
Connection	L	L1	SW	Order number
G1/8	43	9	22	100.00.KV0N.IG018.M0P
G1/4	43	9	22	100.00.KV0N.IG014.M0P
G3/8	43	9	22	100.00.KV0N.IG038.M0P
G1/2	46	12	24	100.00.KV0N.IG012.M0P

MALE COUPLING



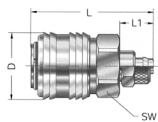
Connection	L	L1	W	SW	Order number
G1/8	43	9	45°	22	100.00.KV0N.AG018.M0P
G1/4	43	9	45°	22	100.00.KV0N.AG014.M0P
G3/8	43	9	45°	22	100.00.KV0N.AG038.M0P
G1/2	46	12	45°	24	100.00.KV0N.AG012.M0P

HOSE TAIL COUPLING



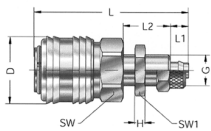
Connection	L	L1	SW	Order number
LW6	59	25	22	100.00.KV0N.ST006.M0P
LW8	59	25	22	100.00.KV0N.ST008.M0P
LW9	59	25	22	100.00.KV0N.ST009.M0P
LW10	59	25	22	100.00.KV0N.ST010.M0P
LW13	59	25	22	100.00.KV0N.ST013.M0P

QUICK FIT TUBE CONNECTION COUPLING



Connection	L	L1	SW/SW1	Order number
6X8	47	13	22/14	100.00.KV0N.SV008.M0P
8X10	51	17	22/19	100.00.KV0N.SV010.M0P
9X12	51	17	22/19	100.00.KV0N.SV012.M0P

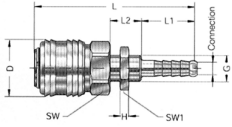
PANEL MOUNT, QUICK FIT TUBE CONNECTION COUPLING



Connection	L	L1	G	SW/SW1	Order number
6X8	59	18	M12X1	22/17	100.00.KV0N.SSV08.M0P
8X10	63	20	M12X1	22/19	100.00.KV0N.SSV10.M0P
9X12	63	20	M16X1	22/19	100.00.KV0N.SSV12.M0P

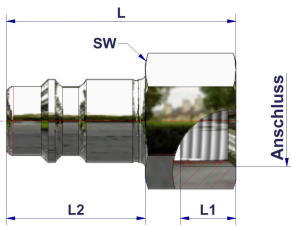
LOW-PRESSURE COUPLING, 100- NOMINAL FLOW DIAMETER 7.2-BRASS

PANEL MOUNT, STANDARD HOSE TAIL COUPLING



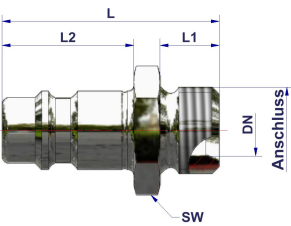
Connection	L	L1	G	SW/SW1	Order number
LW6	73	14	M12X1	22/17	100.00.KV0N.SST06.M0P
LW8	73	14	M12X1	22/17	100.00.KV0N.SST08.M0P
LW9	73	14	M12X1	22/17	100.00.KV0N.SST09.M0P
LW10	73	14	M16X1	22/19	100.00.KV0N.SST10.M0P
LW13	73	14	M16X1	22/19	100.00.KV0N.SST13.M0P

FEMALE PLUG



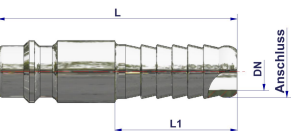
Connection	L	L1	L2	SW	Order number
G1/8	30	6	20	14	100.00.S000.IG018.M00
G1/4	33	8	20	17	100.00.S000.IG014.M00
G3/8	33	8	20	19	100.00.S000.IG038.M00
G1/2	36	10	20	24	100.00.S000.IG012.M00

MALE PLUG



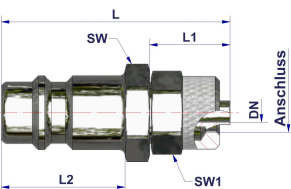
Connection	L	L1	L2	SW	Order number
G1/8	31	7	20	14	100.00.S000.AG018.M00
G1/4	33	9	20	17	100.00.S000.AG014.M00
G3/8	33	9	20	19	100.00.S000.AG038.M00
G1/2	38	12	20	22	100.00.S000.AG012.M00

HOSE TAIL PLUG



Connection	L	L1	L2	D	Order number
LW4	48	25	20	12	100.00.S000.ST004.M00
LW6	48	25	20	12	100.00.S000.ST006.M00
LW8	48	25	20	12	100.00.S000.ST008.M00
LW9	48	25	20	12	100.00.S000.ST009.M00
LW10	48	25	20	12	100.00.S000.ST010.M00
LW13	48	25	20	15	100.00.S000.ST013.M00

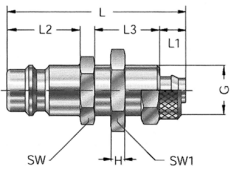
QUICK FIT TUBE



Connection	L	L1	SW/SW1	Order number
4X6	37	13	14/12	100.00.S000.SV006.M00
6X8	37	13	14/14	100.00.S000.SV008.M00
8X10	41	17	17/17	100.00.S000.SV010.M00
9X12	41	17	17/19	100.00.S000.SV012.M00

LOW-PRESSURE COUPLING, 100- NOMINAL FLOW DIAMETER 7.2-BRASS

COMPARTMENT-HOSE TAIL



Connection	L	L1	G	SW/SW1	Order number
4X6	49	18	M10X1	14/14	100.00.S000.SSV06.M00
6X8	49	18	M10X1	17/17	100.00.S000.SSV08.M00
8X10		20	M16X1	19/17	100.00.S000.SSV10.M00
89x12		20	M16X1	19/17	100.00.S000.SSV12.M00