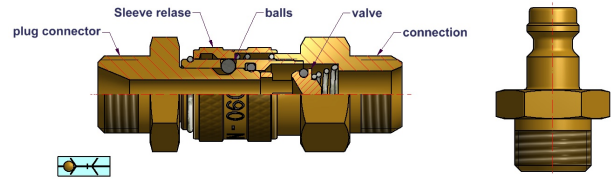


LOW PRESSURE BRASS COUPLINGS, 090 - NOMINAL FLOW DIAMETER 5,0 - BRASS



**TECHNIQUE**

Single-handed coupling with automatic 5-point locking. Locking elements are balls that are locked by a spring-loaded release sleeve. The de-coupling 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.

**ANWENDUNGSBEREICHE**

- medical technology
- drain technology
- general industrial supplies
- respiratory protection
- double shut off
- brass

**PRESSURE RANGE**

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

**MATERIALS COUPLING**

Basic body, release sleeve	Connections and valve	brass
Valve		brass
Pressure springs and retaining rings		AISI 302
Balls		AISI 420

**MATERIALS GASKET**

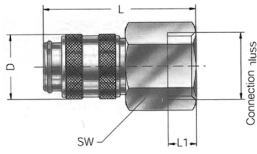
Seals made of nitrile butadiene rubber (NBR)  
 Hardness of material 70 Shore  
 Temperature range -30°C through +110°C  
 Temperature range -35°C through +110°C (allowed for short periods)  
 Gas permeability coefficient (Ø)=5  
 Resistant to mineral oils, fuels, water and watery liquids, fuel gas,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

**MATERIALS CONNECTION**

Plug connector	brass
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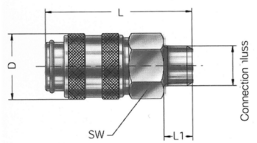
LOW PRESSURE BRASS COUPLINGS, 090 - NOMINAL FLOW DIAMETER 5,0 - BRASS

FEMALE COUPLING



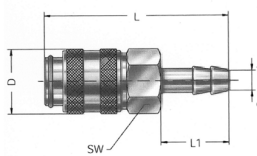
Connection	L	L1	SW	Order number
G1/8	36	7	14	090.00.KV0S.IG018.M0P
G1/4	38	7,5	17	090.00.KV0S.IG014.M0P
G3/8	38	7,5	19	090.00.KV0S.IG038.M0P
M12x1,5				090.00.KV0S.IM012.M0P
M14x1,5				090.00.KV0S.IM014.M0P

MALE COUPLING



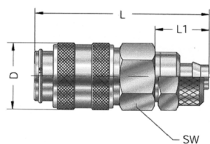
Connection	L	L1	SW	Order number
G1/8	36	7	14	090.00.KV0S.AG018.M0P
G1/4	38	9	17	090.00.KV0S.AG014.M0P
G3/8	38	9	19	090.00.KV0S.AG038.M0P
M12x1,5				090.00.KV0S.AM012.M0P
M14x1,5				090.00.KV0S.AM014.M0P

HOSE TAIL COUPLING



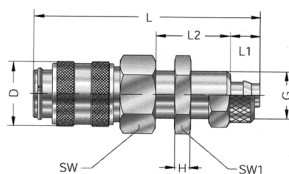
Connection	L	L1	SW	Order number
LW4	46	17	14	090.00.KV0S.ST004.M0P
LW6	46	17	14	090.00.KV0S.ST006.M0P
LW8	46	17	14	090.00.KV0S.ST008.M0P
LW9	46	17	14	090.00.KV0S.ST009.M0P
LW10	46	17	14	090.00.KV0S.ST010.M0P

QUICK FIT TUBE CONNECTION COUPLING



Connection	L	L1	SW/SW1	Order number
4x6	42	13	14/14	090.00.KV0S.SV006.M0P
6x8	42	13	14/14	090.00.KV0S.SV008.M0P

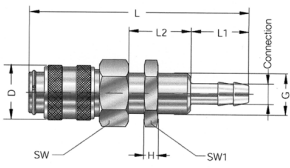
PANEL MOUNT, QUICK FIT TUBE CONNECTION COUPLING



Connection	L	L1	G	SW/SW1	Order number
4x6	54	18	M10x1	14/14	090.00.KV0S.SSV06.M0P
6x8	54	18	M12x1	17/17	090.00.KV0S.SSV08.M0P

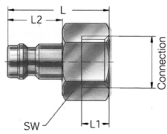
LOW PRESSURE BRASS COUPLINGS, 090 - NOMINAL FLOW DIAMETER 5,0 - BRASS

PANEL MOUNT, STANDARD HOSE TAIL COUPLING



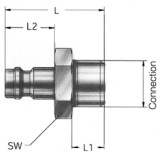
Connection	L	L1	G	SW/SW1	Order number
LW4	60	14	M10x1	14/14	090.00.KV0S.SST04.M0P
LW5	60	14	M10x1	14/14	090.00.KV0S.SST05.M0P
LW6	60	14	M10x1	17/17	090.00.KV0S.SST06.M0P
LW8	60	14	M10x1	17/17	090.00.KV0S.SST08.M0P

FEMALE PLUG



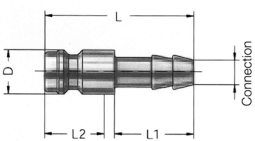
Connection	L	L1	L2	SW	Order number
G1/8	25	6	14	14	090.00.S000.IG018.M00
G1/4	26	7	14	17	090.00.S000.IG014.M00
G3/8	27	8	14	19	090.00.S000.IG038.M00
M10x1					090.00.S000.IM010.M00
M12x1,5					090.00.S000.IM012.M00
M14x1,5					090.00.S000.IM014.M00

MALE PLUG



Connection	L	L1	L2	SW	Order number
G1/8	25	7	14	14	090.00.S000.AG018.M00
G1/4	28	9	14	17	090.00.S000.AG014.M00
G3/8	28	9	14	19	090.00.S000.AG038.M00
M10x1					090.00.S000.AG010.M00
M12x1,5					090.00.S000.AM012.M00
M14x1,5					090.00.S000.AM014.M00

HOSE TAIL PLUG



Connection	L	L1	L2	D	Order number
LW4	32	17	14	9	090.00.S000.ST004.M00
LW6	32	17	14	9	090.00.S000.ST006.M00
LW8	32	17	14	9	090.00.S000.ST008.M00
LW9	33	17	14	10	090.00.S000.ST009.M00
LW10	33	17	14	11	090.00.S000.ST010.M00