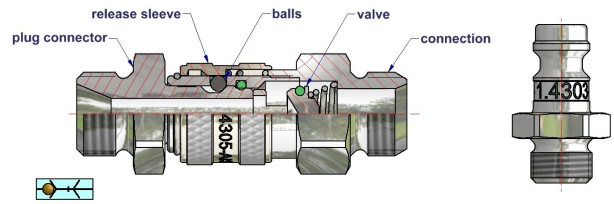


LOW PRESSURE STAINLESS STEEL 1.4305 COUPLING, 090 - NOMINAL FLOW DIAMETER 5,0-STAINLESS STEEL



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
- stainless steel/steel

PRESSURE RANGE

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

MATERIALS COUPLING

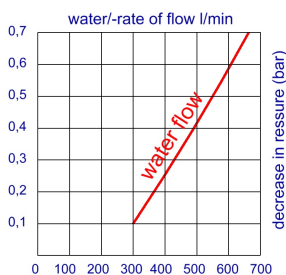
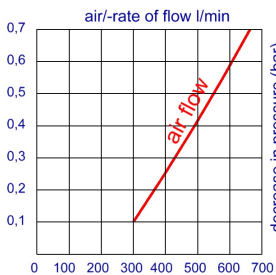
Basic body, release sleeve, connection	AISI 303
Support disc, valve	AISI 303
Pressure springs, retaining ring	AISI 301
Locking bolts	AISI 316

MATERIALS GASKET

Seals made of fluorine elastomer (FPM)
 Hardness of material 70 Shore
 Temperature range -25°C through +200°C
 Temperature range -25°C through +300°C (allowed for short periods)
 Gas permeability coefficient (Ø)= 3
 Resistant to mineral oils, fuels, chlorinated hydrocarbons, synthetic hydraulic fluids, hot air and many chemicals (on request).

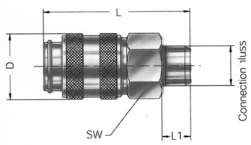
MATERIALS CONNECTION

Connector, valve and connection AISI 303



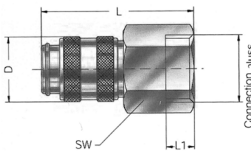
LOW PRESSURE STAINLESS STEEL 1.4305 COUPLING, 090 - NOMINAL FLOW DIAMETER 5,0-STAINLESS ST

MALE COUPLING



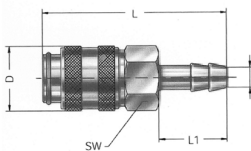
Connection	L	L1	W	SW	Order number
G1/8	36	7	45°	14	090.00.KV0S.AG018.30V
G1/4	38	9	45°	17	090.00.KV0S.AG014.30V
G3/8	38	9	45°	19	090.00.KV0S.AG038.30V

FEMALE COUPLING



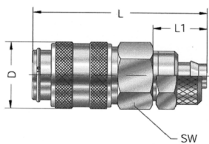
Connection	L	L1	SW	Order number
G1/8	36	7	14	090.00.KV0S.IG018.30V
G1/4	38	7,5	17	090.00.KV0S.IG014.30V
G3/8	38	7,5	19	090.00.KV0S.IG038.30V

HOSE TAIL PLUG



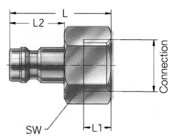
Connection	L	L1	SW	Order number
LW4	46	17	14	090.00.KV0S.ST004.30V
LW6	46	17	14	090.00.KV0S.ST006.30V
LW8	46	17	14	090.00.KV0S.ST008.30V
LW9	46	17	14	090.00.KV0S.ST009.30V
LW10	46	17	14	090.00.KV0S.ST010.30V

QUICK FIT TUBE CONNECTION COUPLING



Connection	L	L1	D	Order number
4x6	42	13	14/14	090.00.KV0S.SV006.30V
6x8	42		14/14	090.00.KV0S.SV008.30V

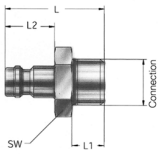
FEMALE PLUG



Connection	L	L1	L2	SW	Order number
G1/8	25	6	14	14	090.00.S000.IG018.300
G1/4	26	7	14	17	090.00.S000.IG014.300
G3/8	27	8	14	19	090.00.S000.IG038.300

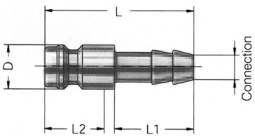
LOW PRESSURE STAINLESS STEEL 1.4305 COUPLING, 090 - NOMINAL FLOW DIAMETER 5,0-STAINLESS ST

MALE PLUG



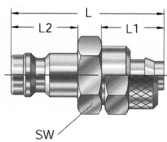
Connection	L	L1	L2	SW	Order number
G1/8	25	7	14	14	090.00.S000.AG018.300
G1/4	28	9	14	17	090.00.S000.AG014.300
G3/8	28	9	14	19	090.00.S000.AG038.300

HOSE TAIL PLUG



Connection	L	L1	L2	D	Order number
LW4	32	17	14	9	090.00.S000.ST004.300
LW6	32	17	14	9	090.00.S000.ST006.300
LW8	32	17	14	9	090.00.S000.ST008.300
LW9	33	17	14	10	090.00.S000.ST009.300
LW10	33	17	14	11	090.00.S000.ST009.300

QUICK FIT TUBE CONNECTION PLUG



Connection	L	L1	L2	SW/SW1	Order number
4x6					090.00.S000.SV006.300
6x8	31	13	14	14/14	090.00.S000.SV008.300
8x10					090.00.S000.SV010.300