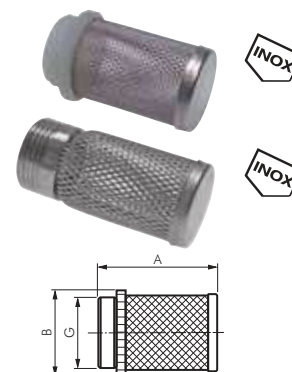


Strainers for check valves, lightweight designs

Materials: Type AISI 304: Threaded part: Nylon 6, filter: AISI 304, type AISI 316: Threaded part and filter: AISI 316

Type AISI 304	G	A	B	Mesh width	Type AISI 316	G	A	B	Mesh width
SK 38	G 3/8"	42	23	1.2 mm	SK 38 ES	G 3/8"	55	19	1.0 mm
SK 12	G 1/2"	47	28	1.2 mm	SK 12 ES	G 1/2"	55	22	1.0 mm
SK 34	G 3/4"	57	33	1.2 mm	SK 34 ES	G 3/4"	62	29	1.0 mm
SK 10	G 1"	69	42	1.2 mm	SK 10 ES	G 1"	71	36	1.0 mm
SK 114	G 1 1/4"	75	50	1.2 mm	SK 114 ES	G 1 1/4"	80	43	1.0 mm
SK 112	G 1 1/2"	83	55	1.2 mm	SK 112 ES	G 1 1/2"	90	49	1.0 mm
SK 20	G 2"	98	68	2.0 mm	SK 20 ES	G 2"	101	60	1.0 mm
SK 212	G 2 1/2"	123	86	2.0 mm	SK 212 ES	G 2 1/2"	111	80	1.8 mm
SK 30	G 3"	138	102	2.0 mm	SK 30 ES	G 3"	125	92	1.8 mm
SK 40	G 4"	153	129	2.0 mm	SK 40 ES	G 4"	144	105	1.8 mm



Check valves for vacuums

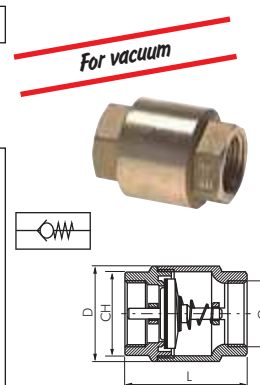
up to 25 bar

Materials: Housing: Brass, spring: Stainless steel, seal: NBR

Temperature range: -20°C to max. +100°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils, compressed air, low vacuum

Type	G	L	D	CH	PN	Open. press. (approx.)
RUCK 38 VU	G 3/8"	55.0	34.5	SW 23	25 bar	0.02 bar
RUCK 12 VU	G 1/2"	58.5	34.5	SW 27	25 bar	0.02 bar
RUCK 34 VU	G 3/4"	65.0	41.5	SW 33	25 bar	0.02 bar
RUCK 10 VU	G 1"	74.5	48.0	SW 40	25 bar	0.02 bar
RUCK 114 VU	G 1 1/4"	83.0	60.5	SW 50	18 bar	0.02 bar
RUCK 112 VU	G 1 1/2"	93.0	71.0	SW 55	18 bar	0.02 bar
RUCK 20 VU	G 2"	101.0	87.0	SW 70	18 bar	0.02 bar
RUCK 212 VU	G 2 1/2"	122.0	120.0	SW 87	12 bar	0.02 bar
RUCK 30 VU	G 3"	141.5	140.0	SW 101	12 bar	0.01 bar
RUCK 40 VU	G 4"	158.5	172.5	SW 128	12 bar	0.01 bar



Y-check valves, DIN 3502

up to 16 bar

Materials: Housing: Brass, seat seal: NBR (type DVGW: EPDM)

Temperature range: -10°C to max. +90°C

Length acc. to DIN 3202-M8, with test screw, DVGW type DIN-DVGW tested additionally for drinking water pipelines

Opening pressure: 0.1 - 0.2 bar

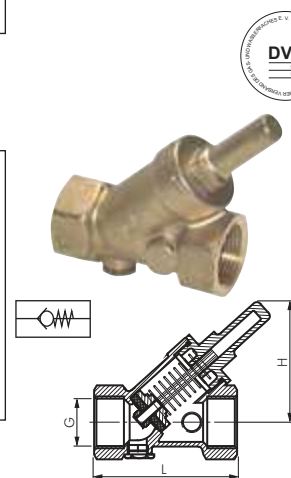
Optional: FKM seal (to 2", -20°C to max. +200°C) -V

Type standard PN 16	Type DVGW PN 10*	L	H	Type standard PN 10**	L	H	G
RUCK 38 SS	---	82	49.2	RUCK 38 SS/10	55	36	Rp 3/8"
RUCK 12 SS	RUCK 12 SS DVGW	65	49.2	RUCK 12 SS/10	59	36	Rp 1/2"
RUCK 34 SS	RUCK 34 SS DVGW	75	60.7	RUCK 34 SS/10	67	43	Rp 3/4"
RUCK 10 SS	RUCK 10 SS DVGW	90	76.9	RUCK 10 SS/10	83	67	Rp 1"
RUCK 114 SS	RUCK 114 SS DVGW	110	85.6	RUCK 114 SS/10	96	74	Rp 1 1/4"
RUCK 112 SS	RUCK 112 SS DVGW	120	87.5	RUCK 112 SS/10	106	87	Rp 1 1/2"
RUCK 20 SS	RUCK 20 SS DVGW	150	98.8	RUCK 20 SS/10	130	95	Rp 2"
---	RUCK 212 SS DVGW	180	130.0	---	---	---	Rp 2 1/2"
---	RUCK 30 SS DVGW	210	150.0	---	---	---	Rp 3"

* tested PN 16, not suitable for mineral oils!, ** without test screw, no DIN length

Order example: RUCK 38 SS **

Standard type Designation for the options:
FKM seal (up to 2") -V



Stainless steel Y-check valves

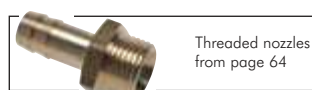
PN 40

Materials: Housing AISI 316, seal: PTFE

Temperature range: -20°C to max. +200°C

Length according to DIN 3202-M8

Type	G	DN	L	H	PN	Opening pressure
RUCK 14 SS ES	G 1/4"	11.5	65	31	40 bar	0.4 - 0.8 bar
RUCK 38 SS ES	G 3/8"	11.5	65	31	40 bar	0.4 - 0.8 bar
RUCK 12 SS ES	G 1/2"	11.5	65	31	40 bar	0.4 - 0.8 bar
RUCK 34 SS ES	G 3/4"	17.4	75	38	40 bar	0.4 - 0.8 bar
RUCK 10 SS ES	G 1"	22.5	90	43	40 bar	0.4 - 0.8 bar
RUCK 114 SS ES	G 1 1/4"	30.0	110	48	40 bar	0.4 - 0.8 bar
RUCK 112 SS ES	G 1 1/2"	34.0	120	57	40 bar	0.4 - 0.8 bar
RUCK 20 SS ES	G 2"	44.0	150	65	40 bar	0.1 - 0.3 bar



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.