

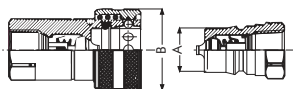
Hydraulic couplings with female threads made of steel

ISO 7241-1 B

Materials: Body: Zinc-plated steel, seal: O-ring: NBR, support ring: PTFE

Temperature range: -25°C to +120°C

Optional: NPT thread -NPT, plug with pressure eliminator (can be coupled, even if dynamic pressure has built up on the plug side in the uncoupled state, due to e.g. solar irradiation) -DE



Type sleeve	Type plug	Thread female	PN	Ø A	Ø B	Nomin. width
VAM 18 ST	VAS 18 ST	G 1/8"	400 bar	10.8	23	5
VAM 14 ST	VAS 14 ST	G 1/4"	350 bar	14.2	28	6
VAM 38 ST	VAS 38 ST	G 3/8"	325 bar	19.0	35	10
VAM 12 ST	VAS 12 ST	G 1/2"	250 bar	23.5	44	12
VAM 34 ST	VAS 34 ST	G 3/4"	250 bar	31.5	52	20
VAM 10 ST	VAS 10 ST	G 1"	225 bar	37.7	60	25
VAM 114 ST	VAS 114 ST	G 1 1/4"	120 bar	44.4	75	40
VAM 112 ST	VAS 112 ST	G 1 1/2"	120 bar	44.4	75	40
VAM 20 ST	VAS 20 ST	G 2"	100 bar	63.1	105	50

* O-ring: FKM, support ring: PTFE (NW 40 and 50 only have one O-ring)

Type replacement seals*
VAM 18 Di
VAM 14 Di
VAM 38 Di
VAM 12 Di
VAM 34 Di
VAM 10 Di
VAM114112 Di
VAM114112 Di
VAM 20 Di

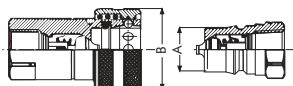
Hydraulic couplings with female threads made of stainless steel

ISO 7241-1 B

Materials: Body: AISI 316L, spring: AISI 316L, seal: O-ring: FKM, support ring: PTFE

Temperature range: -25°C to +200°C

Optional: NPT thread -NPT



Type sleeve	Type plug	Thread female	PN	Ø A	Ø B	Nomin. width
VAM 18 ES	VAS 18 ES	G 1/8"	300 bar	10.8	23	5
VAM 14 ES	VAS 14 ES	G 1/4"	300 bar	14.2	28	6
VAM 38 ES	VAS 38 ES	G 3/8"	250 bar	19.0	35	10
VAM 12 ES	VAS 12 ES	G 1/2"	250 bar	23.5	44	12
VAM 34 ES	VAS 34 ES	G 3/4"	250 bar	31.5	52	20
VAM 10 ES	VAS 10 ES	G 1"	200 bar	37.7	60	25
VAM 114 ES	VAS 114 ES	G 1 1/4"	110 bar	44.4	75	40
VAM 112 ES	VAS 112 ES	G 1 1/2"	110 bar	44.4	75	40
VAM 20 ES	VAS 20 ES	G 2"	90 bar	63.1	105	50

* O-ring: FKM, support ring: PTFE (NW 40 and 50 only have one O-ring)

Type replacement seals*
VAM 18 ES Di
VAM 14 ES Di
VAM 38 ES Di
VAM 12 ES Di
VAM 34 ES Di
VAM 10 ES Di
VAM114112 ES Di
VAM114112 ES Di
VAM 20 ES Di

Couplings with female threads made of POM

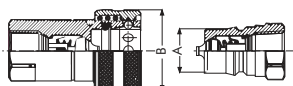
ISO 7241-1 B

Materials: Body: POM, valves: AISI 303, spring: AISI 301, balls: AISI 316, seal: NBR

Temperature range: -20°C to max. +90°C

Operating pressure: See table

Fields of application: Water, compressed air, mild chemicals, ink, vacuums, food processing



Type sleeve	Type plug	Thread female	Operat. pres- sure to 50°C	At 90°C	Ø A	Ø B	Nominal width
VAM 18 K	VAS 18 K	G 1/8"	15 bar	7.5 bar	10.8	25	4.3
VAM 14 K	VAS 14 K	G 1/4"	15 bar	7.5 bar	14.2	28	6.0
VAM 38 K	VAS 38 K	G 3/8"	15 bar	7.5 bar	19.0	35	7.5
VAM 12 K	VAS 12 K	G 1/2"	10 bar	5 bar	23.5	44	11.0
VAM 34 K	VAS 34 K	G 3/4"	10 bar	5 bar	31.5	52	13.0
VAM 10 K	VAS 10 K	G 1"	10 bar	5 bar	37.7	60	20.0

Dust protection for push-in couplings

ISO 7241-1 B

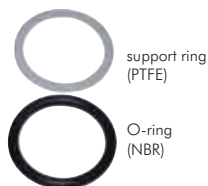


Type for sleeve	Type for plug	For sleeve/plug with female threads
490622 B	490632 B	G 1/4"
490822 B	490832 B	G 3/8"
491022 B	491032 B	G 1/2"
491322 B	491332 B	G 3/4"
491622 B	491632 B	G 1"
492022 B	492032 B	G 1 1/4"
492522 B	492532 B	G 1 1/2"
493222 B	493232 B	G 2"

Replacement seals for push-in couplings

ISO 7241-1 A

The sealing sets include O-ring and support ring.



Type sealing set	For size
DICHTSATZ SVK1	1*
DICHTSATZ SVK2A	2A*
DICHTSATZ SVK2T	2T
DICHTSATZ SVK3	3
DICHTSATZ SVK4	4
DICHTSATZ SVK6	6

* not standardised following ISO 7241-1 A



Replacement seals for
ISO 7241-1 A on page 172

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.