

Re-usable hose connections designed for use in all hygienic processing applications



Hygienic Processing Components.....


Type BBS-04

Silicone tube


Type BBS-05

BBS Quick connect


Type BBS-10

Check valve


Type 2103

Diaphragm valve


Type 8221

Conductivity sensor


Type 8650

Process Automation

- Guaranteed crevice free
- All medium contact materials traceable
- Excellent sealing properties maintaining sterility
- Suitable for CIP and SIP
- Virtually unlimited flexibility

These hose unions offer optimum flexibility, while the purity of the process is maintained at the highest level.

The appropriate connection is selected depending on the required size of hose. These are available in many designs ranging from standard Clamp, weld end, threaded and flanged. In addition, we also provide for you solutions which are suitable for your specific requirements.

Please note that these unions are designed only for use with our type BBS-04 silicone hose.

Applications

- Biotechnology
- Pharmaceutical
- Chemical industry
- Dairy
- Food
- Cosmetic

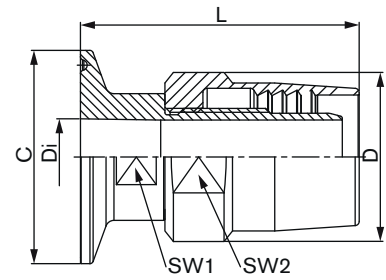
Technical data

Available standard sizes	ISO DN06 to DN50 SMS DN04 to DN50 BS-OD DN1/4" to DN2" DIN DN04 to DN50 Customized solution on request
Material medium contact	Stainless steel 1.4435 BN2 (316L) Special materials like e.g. Hastelloy 2.4602, Titanium, 1.4539 etc. on request
Material medium separated	1.4305 or equivalent
Surface quality	Medium contacted surface < Ra 0,8µm, electro polished, finer surface on request
Operating / Burst pressure	See data sheet BBS-04 silicone hose
Process temperature	See data sheet BBS-04 silicone hose
Ambient temperature	-20 to +80 °C
Media	Gases or liquids
Applicable Standards	Pipe connection acc. to DIN 11866 ISO-Dimensions Series B (ISO 4200) BS-OD-Dimensions Series C (ASME BPE) DIN-Dimensions Series A (DIN 11850) SMS-Dimension SMS 3008 Clamp connection acc. to DIN 32676 ISO-Dimension Series B BS-OD-Dimension Series C (ASME BPE) DIN-Dimension Series A SMS-Dimension SMS 3008
Certifications	Material 3.1

Dimensions [mm]

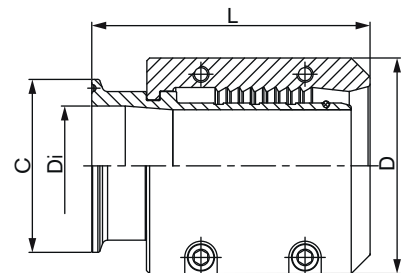
ISO Hose union with Clamp

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN06	25,00	7,00	39,50	19,80	17,00	17,00	BBS-4S-AC.S06.S00.35.0	(742 999)
DN08	25,00	10,30	49,00	21,70	17,00	24,00	BBS-4S-BC.S08.S00.35.0	(742 223)
DN10	25,00	14,00	50,00	29,70	19,00	27,00	BBS-4S-AC.S10.S01.35.0	(742 117)
DN15	50,50	18,10	66,00	40,00	27,00	36,00	BBS-4S-AC.S15.S00.35.0	(742 119)
DN20	50,50	23,70	78,50	49,50	32,00	46,00	BBS-4S-BC.S20.S00.35.0	(742 226)
DN25	50,50	29,70	96,00	57,00	41,00	55,00	BBS-4S-AC.S25.S00.35.0	(742 127)



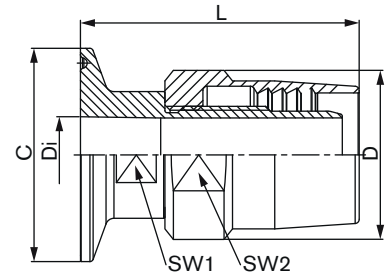
ISO Hose connection with Clamp

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN32	64,00	38,40	89,70	74,00	BBS-4S-AC.S32.S01.35.0	(742 135)
DN40	64,00	44,30	101,80	78,80	BBS-4S-AC.S40.S01.35.0	(742 139)
DN50	77,50	56,30	124,00	92,00	BBS-4S-AC.S50.S00.35.0	(742 140)



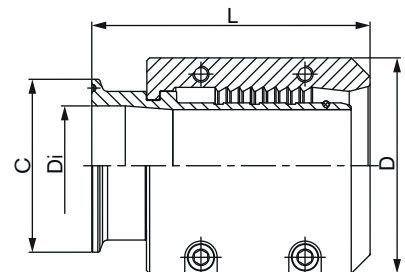
SMS Hose union with Clamp

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN06	25,00	6,00	38,50	19,80	14,00	17,00	BBS-4S-AC.R06.R00.35.0	(742 105)
DN08	25,00	8,00	39,50	22,00	17,00	20,00	BBS-4S-AC.R08.R00.35.0	(742 106)
DN10	25,00	10,00	49,00	21,70	17,00	24,00	BBS-4S-AC.I10.I00.35.0	(on request)
DN15	25,00	16,00	50,00	29,70	19,00	27,00	BBS-4S-AC.I15.I00.35.0	(742 102)
DN20	50,50	20,00	64,00	38,60	22,00	36,00	BBS-4S-AC.I20.I00.35.0	(on request)
DN25	50,50	22,60	on request		BBS-4S-AC.I25.I00.35.0		(on request)	
DN32	50,50	29,60	on request		BBS-4S-AC.I32.I00.35.0		(on request)	



SMS Hose connection with Clamp

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	50,50	35,60	on request		BBS-4S-AC.I40.I00.35.0	(on request)
DN50	64,00	48,60	on request		BBS-4S-AC.I50.I00.35.0	(on request)

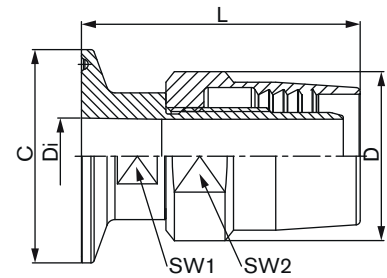


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

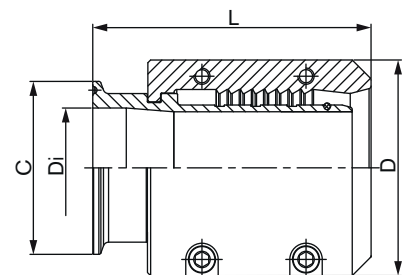
BS-OD Hose union with Clamp

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN1/4"	25,00	4,57	38,50	19,80	14,00	17,00	BBS-4S-AA.H02.H00.35.0	(743 031)
DN3/8"	25,00	7,75	49,00	21,70	17,00	24,00	BBS-4S-AA.H03.H00.35.0	(741 989)
DN1/2"	25,00	9,40	50,00	29,70	19,00	27,00	BBS-4S-AA.H05.H01.35.0	(741 993)
DN3/4"	25,00	15,75	66,00	40,00	27,00	36,00	BBS-4S-AA.H07.H00.35.0	(741 995)
DN1"	50,50	22,10	78,50	49,50	32,00	46,00	BBS-4S-AA.H10.H01.35.0	(742 001)
DN1 1/2"	50,50	34,80	89,70	74,00	41,00	60,00	BBS-4S-AA.H15.H00.35.0	(742 007)



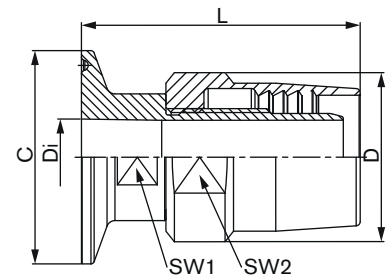
BS-OD Hose connection with Clamp

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN2"	64,00	47,50	102,00	79,80	BBS-4S-AA.H20.H00.35.0	(742 017)
DN2 1/2"	77,50	60,20	123,00	92,00	BBS-4S-AA.H25.H01.35.0	(743 239)



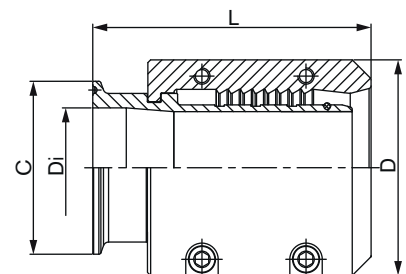
DIN Hose union with Clamp

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN04	25,00	4,00	36,25	17,80	10,00	14,00	BBS-4S-AC.R04.R00.35.0	(742 104)
DN06	25,00	6,00	38,50	19,80	14,00	17,00	BBS-4S-AC.R06.R00.35.0	(742 105)
DN08	25,00	8,00	39,50	22,00	17,00	20,00	BBS-4S-AC.R08.R00.35.0	(742 106)
DN10	34,00	10,00	49,00	21,70	17,00	24,00	BBS-4S-AC.R10.R00.35.0	(742 107)
DN15	34,00	16,00	50,00	29,70	19,00	27,00	BBS-4S-AC.R15.R01.35.0	(742 108)
DN20	34,00	20,00	64,00	38,60	22,00	36,00	BBS-4S-AC.R20.R00.35.0	(742 109)
DN25	50,50	26,00	78,50	49,50	32,00	46,00	BBS-4S-AC.R25.R01.35.0	(742 111)
DN32	50,50	32,00	on request				BBS-4S-AC.R32.R00.35.0	(on request)



DIN Hose connection with Clamp

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	50,50	38,00	89,70	74,00	BBS-4S-AC.R40.R00.35.0	(742 112)
DN50	64,00	50,00	122,50	92,00	BBS-4S-AC.R50.R00.35.0	(742 114)

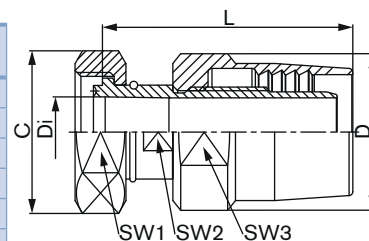


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

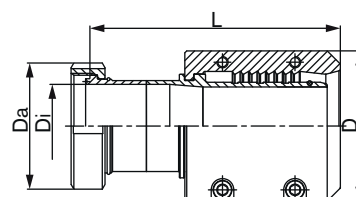
ISO Standard sterile hose union

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	SW3 [mm]	Item no.	
DN06	24,50	7,00	39,25	19,80	22,00	10,00	20,00	BBS-4S-AA.S06.S00.35.0	(742 052)
DN08	31,20	10,30	49,00	27,70	27,00	14,00	24,00	BBS-4S-AA.S08.S01.35.0	(742 056)
DN10	36,50	14,00	52,00	29,70	32,00	19,00	27,00	BBS-4S-AA.S10.S01.35.0	(742 066)
DN15	41,60	18,10	64,00	38,60	36,00	22,00	36,00	BBS-4S-AA.S15.S00.35.0	(742 072)
DN20	48,00	23,70	79,30	49,50	42,00	28,00	46,00	BBS-4S-AA.S20.S01.35.0	(742 083)
DN25	52,00	29,70	121,00	57,00	46,00	32,00	55,00	BBS-4S-AA.S25.S00.35.0	(742 086)



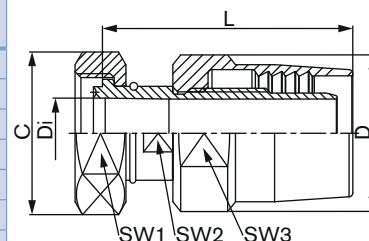
ISO Standard sterile hose connection

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN32	62,00	38,40	111,00	74,00	BBS-4S-AA.S32.S00.35.0	(742 088)
DN40	67,00	44,30	132,80	79,80	BBS-4S-AA.S40.S00.35.0	(742 090)
DN50	80,00	56,30	144,00	92,00	BBS-4S-AA.S50.S00.35.0	(742 091)



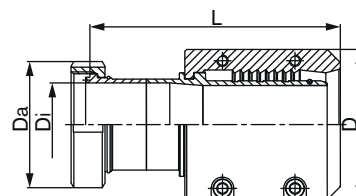
SMS Standard sterile hose union

Orifice	C [mm]	D1 [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	SW3 [mm]	Item no.	
DN06	31,20	6,00	40,00	19,80	19,00	10,00	17,00	BBS-4S-AA.R06.R00.35.0	(742 030)
DN08	36,50	8,00	42,30	22,00	22,00	11,00	20,00	BBS-4S-AA.R08.R00.35.0	(742 034)
DN10	41,60	10,00	49,00	27,70	27,00	14,00	24,00	BBS-4S-AA.S08.S01.35.0	(742 056)
DN15	48,00	16,00	on request					BBS-4S-AA.I15.I00.35.0	(on request)
DN20	52,00	20,00	65,00	38,60	42,00	22,00	36,00	BBS-4S-AA.I20.I00.35.0	(on request)
DN25	62,00	22,60	on request					BBS-4S-AA.I25.I00.35.0	(on request)
DN32	67,00	29,60	on request					BBS-4S-AA.I32.I00.35.0	(on request)



SMS Standard sterile hose connection

Orifice	C [mm]	D1 [mm]	L [mm]	D [mm]	Item no.	
DN40	77,50	35,60	on request		BBS-4S-AA.I40.I00.35.0	(on request)
DN50	80,00	48,60	on request		BBS-4S-AA.I50.I00.35.0	(on request)

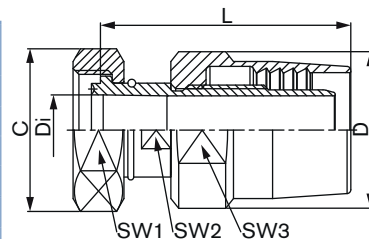


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

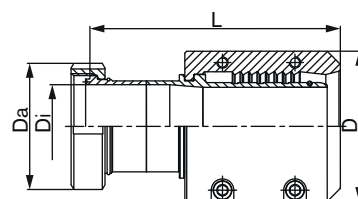
BS-OD standard sterile hose union

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	SW3 [mm]	Item no.	
DN1/4"	21,90	4,57	42,30	22,00	22,00	11,00	17,00	BBS-4S-AA.T02.T00.35.0	(742 092)
DN3/8"	21,90	7,70	49,00	27,70	27,00	14,00	24,00	BBS-4S-AA.T03.T00.35.0	(742 093)
DN1/2"	24,50	9,40	52,00	29,70	32,00	19,00	27,00	BBS-4S-AA.T05.T00.35.0	(742 094)
DN3/4"	31,20	15,75	65,00	38,60	42,00	22,00	36,00	BBS-4S-AA.T07.T00.35.0	(742 095)
DN1"	36,50	22,10	79,30	49,50	42,00	28,00	46,00	BBS-4S-AA.T10.T00.35.0	(742 096)
DN1 1/2"	48,30	34,80	111,00	74,00	56,00	41,00	60,00	BBS-4S-AA.T15.T00.35.0	(742 097)



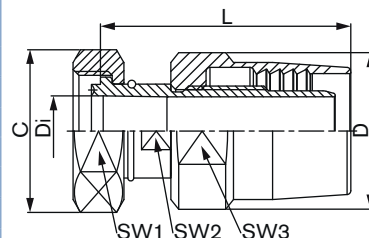
BS-OD Standard sterile hose connection

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN2"	52,00	47,50	on request		BBS-4S-AA.T20.T00.35.0	(on request)



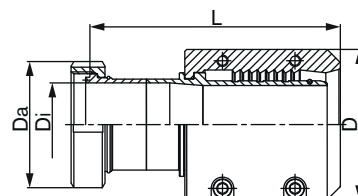
DIN Standard hose union

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	SW3 [mm]	Item no.	
DN04	21,90	4,00	40,00	17,80	19,00	8,00	14,00	BBS-4S-AA.R04.R00.35.0	(742 027)
DN06	21,90	6,00	40,00	19,80	19,00	10,00	17,00	BBS-4S-AA.R06.R00.35.0	(742 030)
DN08	24,50	8,00	42,30	22,00	22,00	11,00	20,00	BBS-4S-AA.R08.R00.35.0	(742 034)
DN10	31,20	10,00	49,00	27,70	27,00	14,00	24,00	BBS-4S-AA.S08.S01.35.0	(742 056)
DN15	36,50	16,00	on request					BBS-4S-AA.R15.R00.35.0	(742 040)
DN20	48,30	20,00	65,00	38,60	42,00	22,00	36,00	BBS-4S-AA.R20.R00.35.0	(742 042)
DN25	52,00	26,00	on request					BBS-4S-AA.R25.R00.35.0	(742 043)
DN32	62,00	32,00	on request					BBS-4S-AA.R32.R00.35.0	(742 046)



DIN Standard hose connection

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	67,00	38,00	on request		BBS-4S-AA.R40.R00.35.0	(742 048)
DN50	80,00	50,00	on request		BBS-4S-AA.R50.R00.35.0	(742 050)

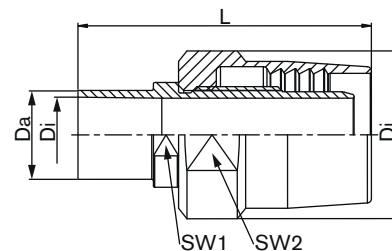


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

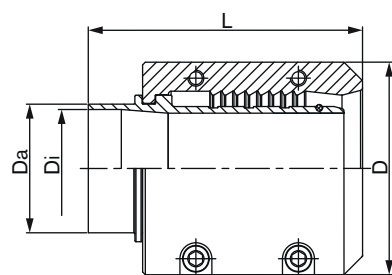
ISO Hose union with weld end

Orifice	Da [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN06	10,20	7,00	on request				BBS-4S-DA.S06.S00.35.0	(on request)
DN08	13,50	10,30	54,00	27,70	14,00	24,00	BBS-4S-DA.S08.S01.35.0	(742 302)
DN10	17,20	14,00	61,50	29,70	19,00	27,00	BBS-4S-DA.S10.S01.35.0	(742 304)
DN15	21,30	18,10	70,00	38,60	22,00	36,00	BBS-4S-DA.S15.S00.35.0	(742 306)
DN20	26,90	23,70	84,00	49,50	32,00	46,00	BBS-4S-DA.S20.S01.35.0	(742 308)
DN25	33,70	29,70	96,00	57,00	41,00	55,00	BBS-4S-DA.S25.S00.35.0	(742 309)



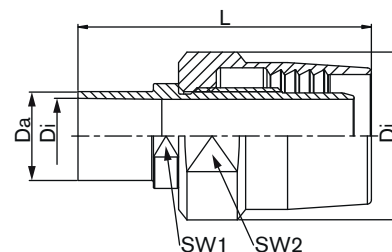
ISO Hose connection with weld end

Orifice	Da [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN32	42,40	38,40	85,60	74,00	BBS-4S-DA.S32.S00.35.0	(742 310)
DN40	48,30	44,30	102,80	79,80	BBS-4S-DA.S40.S00.35.0	(742 311)
DN50	60,30	56,30	114,00	92,00	BBS-4S-DA.S50.S00.35.0	(742 312)



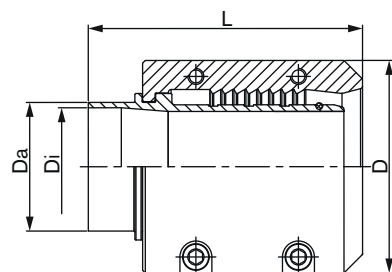
SMS Hose union with weld end

Orifice	Da [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN06	8,00	6,00	48,00	19,80	13,00	17,00	BBS-4S-DA.R06.R00.35.0	(742 289)
DN08	10,00	8,00	50,00	22,00	13,00	20,00	BBS-4S-DA.R08.R00.35.0	(742 290)
DN10	13,00	10,00	54,00	27,70	15,00	24,00	BBS-4S-DA.R10.R01.35.0	(742 292)
DN15	18,00	16,00	61,50	29,70	21,00	27,00	BBS-4S-DA.I15.I00.35.0	(742 280)
DN20	22,00	20,00	73,00	38,80	24,00	36,00	BBS-4S-DA.I20.I00.35.0	(on request)
DN25	25,00	22,60	70,00	38,60	22,00	36,00	BBS-4S-DA.I25.I01.35.0	(742 285)
DN32	32,00	29,60	on request				BBS-4S-DA.I32.I00.35.0	(on request)



SMS Hose connection with weld end

Orifice	Da [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	38,00	35,60	96,00	57,00	BBS-4S-DA.I40.I00.35.0	(742 286)
DN50	51,00	48,60	on request		BBS-4S-DA.I50.I00.35.0	(742 287)

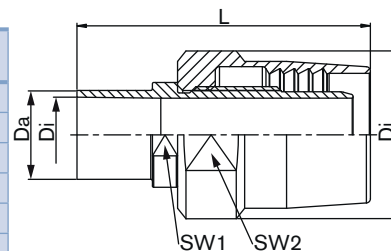


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

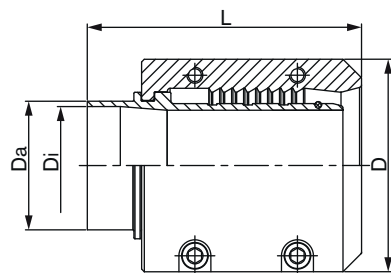
BS-OD Hose union with weld end

Orifice	Da [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN1/4"	6,35	4,57	42,30	22,00	22,00	17,00	BBS-4S-DA.T02.T00.35.0	(742 313)
DN3/8"	9,53	7,75	54,00	27,70	14,00	24,00	BBS-4S-DA.T03.T00.35.0	(742 314)
DN1/2"	12,70	9,40	64,00	29,70	32,00	27,00	BBS-4S-DA.T05.T00.35.0	(742 315)
DN3/4"	19,05	15,75	78,90	38,60	22,00	36,00	BBS-4S-DA.T07.T00.35.0	(742 316)
DN1"	25,40	22,10	95,00	49,50	32,00	46,00	BBS-4S-DA.T10.T00.35.0	(742 317)
DN1 1/2"	38,10	34,80	100,80	96,00	41,00	60,00	BBS-4S-DA.T15.T00.35.0	(742 318)



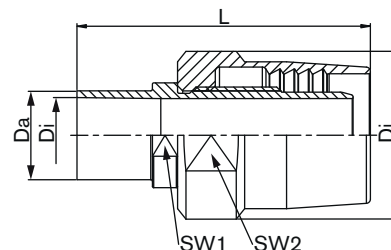
BS-OD Hose connection with weld end

Orifice	Da [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN2"	50,80	47,50	on request		BBS-4S-DA.T20.T00.35.0	(742 319)



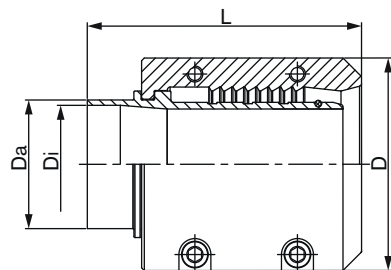
DIN Hose union with weld end

Orifice	Da [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN04	6,00	4,00	40,00	17,80	12,00	14,00	BBS-4S-DA.R04.R00.35.0	(742 288)
DN06	8,00	6,00	48,00	19,80	13,00	17,00	BBS-4S-DA.R06.R00.35.0	(742 289)
DN08	10,00	8,00	50,00	22,00	13,00	20,00	BBS-4S-DA.R08.R00.35.0	(742 290)
DN10	12,00	10,00	54,00	27,70	15,00	24,00	BBS-4S-DA.R10.R01.35.0	(742 292)
DN10	13,00	10,00	54,00	27,70	15,00	24,00	BBS-4S-DA.R10.R01.35.0-1	(on request)
DN15	19,00	16,00	61,50	29,70	21,00	27,00	BBS-4S-DA.R15.R01.35.0	(742 295)
DN20	23,00	20,00	73,00	38,60	24,00	36,00	BBS-4S-DA.R20.R00.35.0	(742 296)
DN25	29,00	26,00	on request				BBS-4S-DA.R25.R00.35.0	(on request)
DN32	35,00	32,00	96,00	57,00	41,00	55,00	BBS-4S-DA.R32.R00.35.0	(742 298)



DIN Hose connection with weld end

Orifice	Da [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	41,00	38,00	on request		BBS-4S-DA.R40.R00.35.0	(742 299)
DN50	53,00	50,00	on request		BBS-4S-DA.R50.R00.35.0	(742 300)

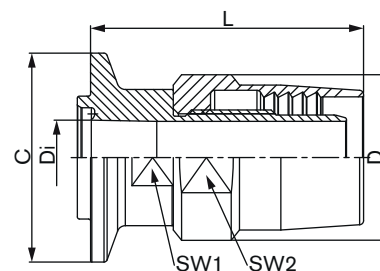


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

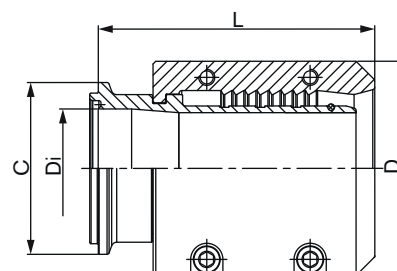
ISO Hose union with quick connect male

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN06	25,00	7,00	on request				BBS-4S-NA.G06.G00.35.0	(on request)
DN08	25,00	10,30	52,00	27,70	17,00	24,00	BBS-4S-NA.G08.G01.35.0	(731 471)
DN10	50,50	14,00	52,00	29,70	19,00	27,00	BBS-4S-NA.G10.G01.35.0	(742 534)
DN15	50,50	18,10	66,00	38,60	27,00	36,00	BBS-4S-NA.G15.G00.35.0	(742 536)
DN20	50,50	23,70	80,50	50,00	27,00	46,00	BBS-4S-NA.G20.G00.35.0	(on request)
DN25	50,50	29,70	on request				BBS-4S-NA.G25.G00.35.0	(on request)



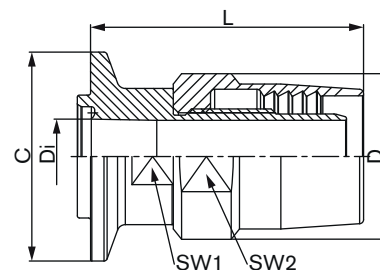
ISO Hose connection with quick connect male

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN32	64,00	38,40	110,00	90,00	BBS-4S-NA.G32.G01.35.0	(731 489)
DN40	64,00	44,30	130,00	79,80	BBS-4S-NA.G40.G00.35.0	(731 495)
DN50	77,50	56,30	146,60	92,00	BBS-4S-NA.G50.G01.35.0	(on request)



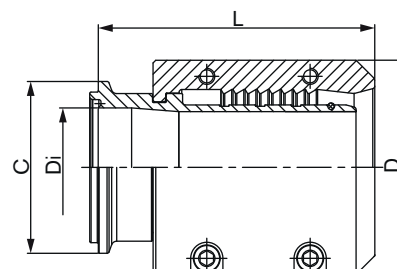
SMS Hose union with quick connect male

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN06	25,00	6,00	38,50	19,80	14,00	17,00	BBS-4S-NA.P06.P00.35.0	(731 526)
DN08	25,00	8,00	39,50	22,00	14,00	20,00	BBS-4S-NA.P08.P00.35.0	(731 528)
DN10	25,00	10,00	48,80	27,70	17,00	24,00	BBS-4S-NA.P10.P01.35.0	(731 534)
DN15	50,50	16,00	on request				BBS-4S-NA.I15.I00.35.0	(on request)
DN20	50,50	20,00	63,80	38,60	22,00	36,00	BBS-4S-NA.I20.I00.35.0	(on request)
DN25	50,50	22,60	on request				BBS-4S-NA.I25.I00.35.0	(on request)
DN32	64,00	29,60	on request				BBS-4S-NA.I32.I00.35.0	(on request)



SMS Hose connection with quick connect male

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	64,00	35,60	on request		BBS-4S-NA.I40.I00.35.0	(731 520)
DN50	77,50	48,60	on request		BBS-4S-NA.I50.I00.35.0	(on request)

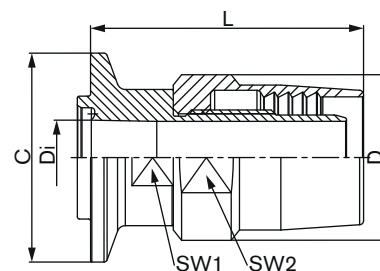


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

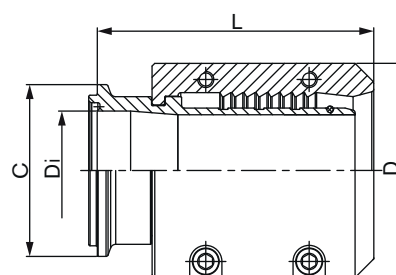
BS-OD Hose union with quick connect male

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN1/4"	25,00	4,57	38,40	19,80	14,00	17,00	BBS-4S-NA.H02.H00.35.0	(731 501)
DN3/8"	25,00	7,75	on request				BBS-4S-NA.H03.H00.35.0	(on request)
DN1/2"	25,00	9,40	50,50	29,70	19,00	27,00	BBS-4S-NA.H05.H00.35.0	(731 503)
DN3/4"	50,50	15,75	66,00	40,00	27,00	36,00	BBS-4S-NA.H07.H00.35.0	(731 505)
DN1"	50,50	22,10	80,50	49,50	32,00	46,00	BBS-4S-NA.H10.H01.35.0	(731 510)
DN1 1/2"	50,50	34,80	89,70	74,00	41,00	60,00	BBS-4S-NA.H15.H00.35.0	(731 512)



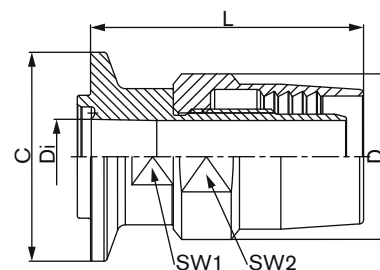
BS-OD Hose connection with quick connect male

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN2"	64,00	47,50	on request		BBS-4S-NA.H20.H00.35.0	(731 514)



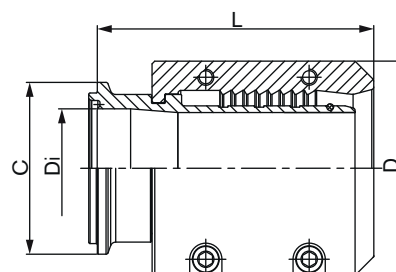
DIN Hose union with quick connect male

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN04	25,00	4,00	36,25	17,80	10,00	14,00	BBS-4S-NA.P04.P00.35.0	(731 524)
DN06	25,00	6,00	38,50	19,80	14,00	17,00	BBS-4S-NA.P06.P00.35.0	(731 526)
DN08	25,00	8,00	39,50	22,00	11,00	20,00	BBS-4S-NA.P08.P00.35.0	(731 528)
DN10	25,00	10,00	48,80	27,70	17,00	24,00	BBS-4S-NA.P10.P01.35.0	(731 534)
DN15	50,50	16,00	on request				BBS-4S-NA.P15.P00.35.0	(on request)
DN20	50,50	20,00	63,80	38,60	22,00	36,00	BBS-4S-NA.P20.P00.35.0	(731 535)
DN25	50,50	26,00	on request				BBS-4S-NA.P25.P00.35.0	(731 537)
DN32	50,50	32,00	on request				BBS-4S-NA.P32.P00.35.0	(on request)



DIN Hose connection with quick connect male

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	50,50	38,00	89,70	74,00	BBS-4S-NA.P40.P00.35.0	(731 539)
DN50	64,00	50,00	on request		BBS-4S-NA.P50.P00.35.0	(731 541)

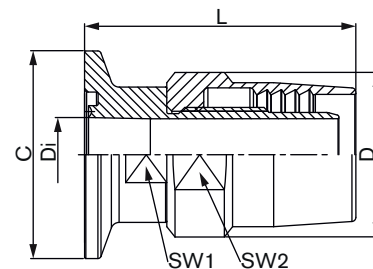


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

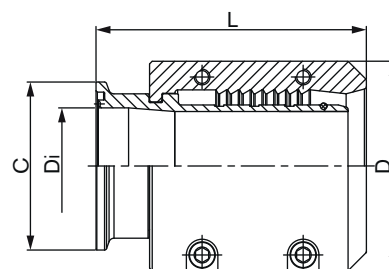
ISO Hose union with quick connect female

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN06	25,00	7,00	on request				BBS-4S-NB.G06.G00.35.0	(on request)
DN08	25,00	10,30	48,90	27,70	17,00	24,00	BBS-4S-NB.G08.G01.35.0	(742 543)
DN10	50,50	14,00	52,00	29,70	19,00	27,00	BBS-4S-NB.G10.G01.35.0	(742 549)
DN15	50,50	18,10	66,00	38,60	27,00	36,00	BBS-4S-NB.G15.G00.35.0	(742 551)
DN20	50,50	23,70	on request				BBS-4S-NB.G20.G01.35.0	(on request)
DN25	50,50	29,70	97,00	57,00	41,00	55,00	BBS-4S-NB.G25.G00.35.0	(742 554)



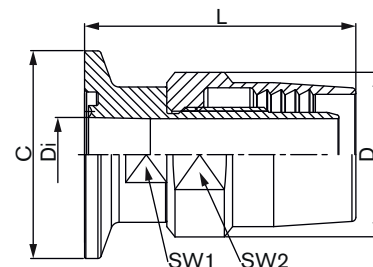
ISO Hose connection with quick connect female

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN32	64,00	38,40	110,00	74,00	BBS-4S-NB.G32.G01.35.0	(742 558)
DN40	64,00	44,30	on request		BBS-4S-NB.G40.G01.35.0	(742 561)
DN50	77,50	56,30	on request		BBS-4S-NB.G50.G00.35.0	(742 563)



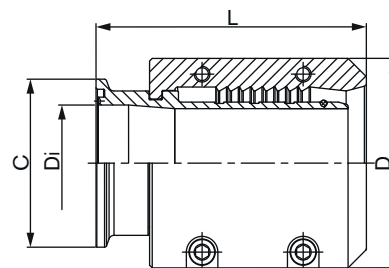
SMS Hose union with quick connect female

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN06	25,00	6,00	38,50	19,80	14,00	17,00	BBS-4S-NB.P06.P00.35.0	(742 575)
DN08	25,00	8,00	39,50	22,00	17,00	20,00	BBS-4S-NB.P08.P00.35.0	(742 576)
DN10	25,00	10,00	48,80	27,70	17,00	24,00	BBS-4S-NB.P10.P00.35.0	(742 578)
DN15	50,50	16,00	on request				BBS-4S-NB.I15.I00.35.0	(on request)
DN20	50,50	20,00	63,80	38,60	22,00	36,00	BBS-4S-NB.I20.I00.35.0	(on request)
DN25	50,50	22,60	on request				BBS-4S-NB.I25.I00.35.0	(on request)
DN32	64,00	29,60	on request				BBS-4S-NB.I32.I00.35.0	(on request)



SMS Hose connection with quick connect female

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	64,00	35,60	on request		BBS-4S-NB.I40.I00.35.0	(742 572)
DN50	77,50	48,60	on request		BBS-4S-NB.I50.I00.35.0	(742 573)

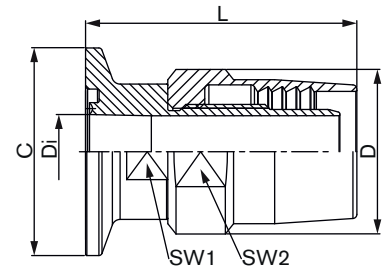


Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Dimensions [mm]

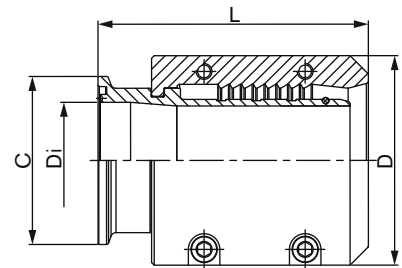
BS-OD Hose union with quick connect female

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN1/4"	25,00	4,57	38,40	19,80	14,00	17,00	BBS-4S-NB.H02.H00.35.0	(742 564)
DN3/8"	25,00	7,75	on request				BBS-4S-NB.H03.H00.35.0	(on request)
DN1/2"	25,00	9,40	52,00	29,70	17,00	27,00	BBS-4S-NB.H05.H01.35.0	(742 566)
DN3/4"	25,00	15,75	65,80	38,60	22,00	36,00	BBS-4S-NB.H07.H00.35.0	(742 567)
DN1"	50,50	22,10	77,50	49,50	32,00	46,00	BBS-4S-NB.H10.H00.35.0	(742 569)
DN1 1/2"	50,50	34,80	89,70	74,00	41,00	60,00	BBS-4S-NB.H15.H00.35.0	(742 570)



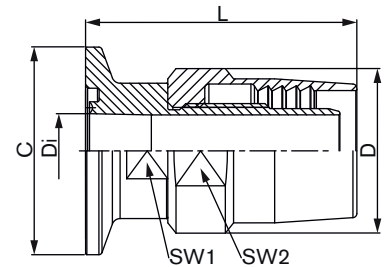
BS-OD Hose connection with quick connect female

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN2"	64,00	47,50	on request		BBS-4S-NB.H20.H00.35.0	(742 571)



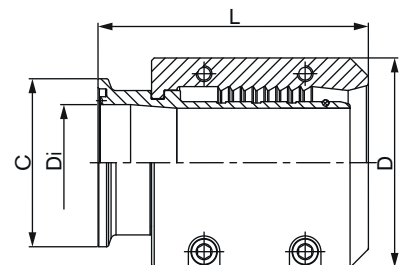
DIN Hose union with quick connect female

Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	SW1 [mm]	SW2 [mm]	Item no.	
DN04	25,00	4,00	40,70	17,80	10,00	14,00	BBS-4S-NB.P04.P00.35.0	(742 574)
DN06	25,00	6,00	38,50	19,80	14,00	17,00	BBS-4S-NB.P06.P00.35.0	(742 575)
DN08	25,00	8,00	39,50	22,00	17,00	20,00	BBS-4S-NB.P08.P00.35.0	(742 576)
DN10	25,00	10,00	48,80	27,70	17,00	24,00	BBS-4S-NB.P10.P00.35.0	(742 578)
DN15	50,50	16,00	on request				BBS-4S-NB.P15.P00.35.0	(on request)
DN20	50,50	20,00	63,80	38,60	22,00	36,00	BBS-4S-NB.P20.P00.35.0	(742 580)
DN25	50,50	26,00	on request				BBS-4S-NB.P25.P00.35.0	(742 581)
DN32	50,50	32,00	on request				BBS-4S-NB.P32.P00.35.0	(on request)



DIN Hose connection with quick connect female

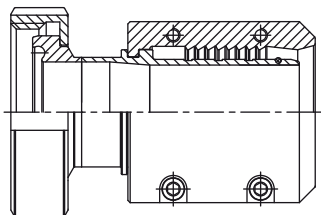
Orifice	C [mm]	Di [mm]	L [mm]	D [mm]	Item no.	
DN40	50,50	38,00	89,70	74,00	BBS-4S-NB.P40.P00.35.0	(742 582)
DN50	64,00	50,00	on request		BBS-4S-NB.P50.P00.35.0	(742 583)



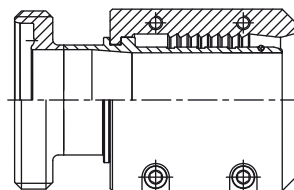
Note: A completely gap-free connection feature can only be given in combination with original BBS silicone hose.

Following versions available on request

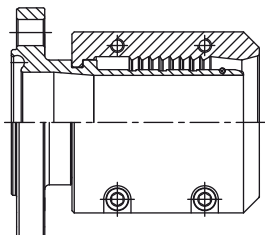
**Hose connection acc. to
DIN 11864-1 (Male ferrule)**



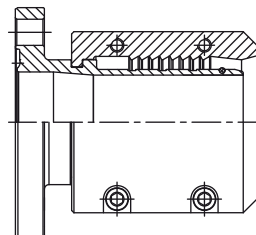
**Hose connection acc. to
DIN 11864-1 (Female ferrule threaded)**



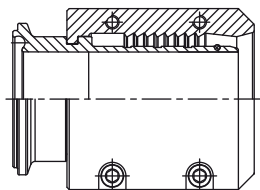
**Hose connection acc. to
DIN 11864-2 Flange (Female)**



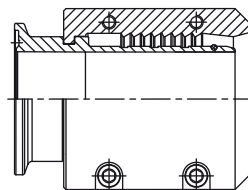
**Hose connection acc. to
DIN 11864-2 Flange (Male)**



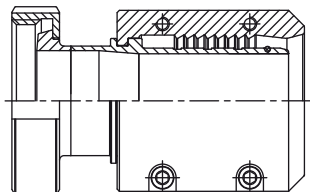
**Hose connection acc. to
DIN 11864-3 Flange (Female)**



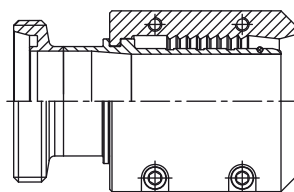
**Hose connection acc. to
DIN 11864-3 (Male ferrule)**



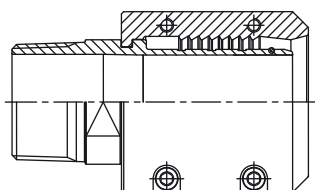
**Hose connection acc. to
DIN 11851 (Male ferrule)**



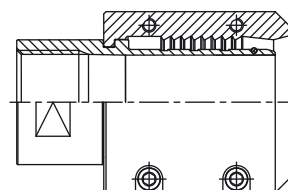
**Hose connection acc. to
DIN 11851 (Female ferrule threaded)**



**Hose connection with external thread
(Gas pipe thread conical acc. to ISO 7-1)**



**Hose connection with internal thread
(Gas pipe thread cyl. acc. to ISO 228-1)**



Reductions and increments available on request.

Hose set Type 4S – Request for quotation

► Please fill out and send to your nearest Bürkert facility* with your inquiry or order

Company	Contact person
Customer no.	Department
Address	Tel./Fax
Postcode/Town	E-mail

Quantity Required delivery date

Specification key for silicone hose

Example

TCS	BS	11/2"	316L	MD	08	1875	J	TCS	BS	3
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Specification key

Please make a choice

A	B	C	D	E	F	G	H	I	K	L

(A) Connection type 1	
TCS	Clamp standard
SVS	Sterile connection standard
QCM	Quick Connect Male
QCF	Quick Connect Female
ACM	Aseptic Clamp 11864 Male
ACF	Aseptic Clamp 11864 Female
SWO	Weld end Orbital

(B) Connection size 1	
ISO	ISO Dimension
DIN	DIN Dimension
BS	BS-OD
SMS	SMS Dimension

(C) Orifice	
XXXX	Nominal diameter

(D) Media contact material	
BN2	1.4435
316L	1.4404
DIN no.	other

(E) Hose Type	
CL	Without reinforcement
MD	Glass silk reinforced
MA	Aramid reinforced
MB	Double aramid reinforced
MR	Stainless steel reinforced

(F) Wetted Parts Surface

08	Ra < 0,8um
06	Ra < 0,6um
04	Ra < 0,4um
02	Ra < 0,2um

(G) Hose size (mm)

XXXX	please fill in desired size
------	-----------------------------

(H) Label (insert required text into comment box)

J	with hose TAG
N	without hose TAG

(I) Connection type 2	
TCS	Clamp standard
SVS	Steril connection standard
QCM	Quick Connect Male
QCF	Quick Connect Female
ACM	Aseptic Clamp 11864 Male
ACF	Aseptic Clamp 11864 Female
SWO	Weld end Orbital

(K) Connection size 2	
ISO	ISO Dimension
DIN	DIN Dimension
BS	BS-OD
SMS	SMS Dimension

(L) Certificate	
0	none
1	Material 3.1
2	Hose FDA/USP
3	3.1 & FDA/USP
4	Pressure test & 3.1, FDA/USP
5	Ra, pressure test & 3.1, FDA/USP

Note: For other requests please contact your nearest Bürkert facility.

Comment / sketch

