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JUMO Process Control, Inc.
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Pipe fittings and flanges, sockets for bayonet locks

- for temperatures up to 600°C
- for different fitting lengths
- simple installation and replacement
- pressure-tight sealing

Pipe fittings

The essential advantage of pipe fittings is the variable fitting length and the simple dismantling of the temperature probe. Versions in different materials are available, with threads that can be combined with a variety of protection tube diameters. They are used for protection tubes to DIN 43 763 (pipe fittings with stuffing gland) in oven construction, as well as for installing mineral-insulated resistance thermometers and thermocouples.

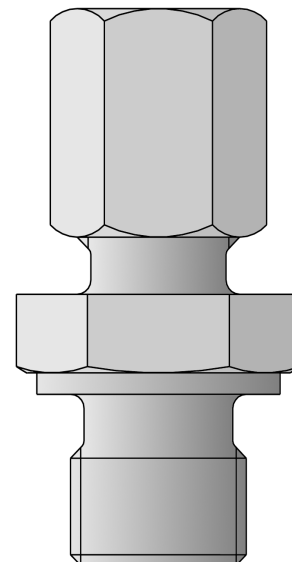
Sockets for bayonet locks

The sockets are used for installing push-in resistance thermometers / thermocouples. They are available in the diameters 12.2, 14.5, 15.2 and 16.2 mm.

Flanges

Stop flanges can be supplied in different materials. By using a backing flange, the measurement location can be sealed up to 1 bar. They are suitable as an alternative to pipe fittings for the same applications.

Note: please state sales no. as per price sheet 90.9725 when ordering!

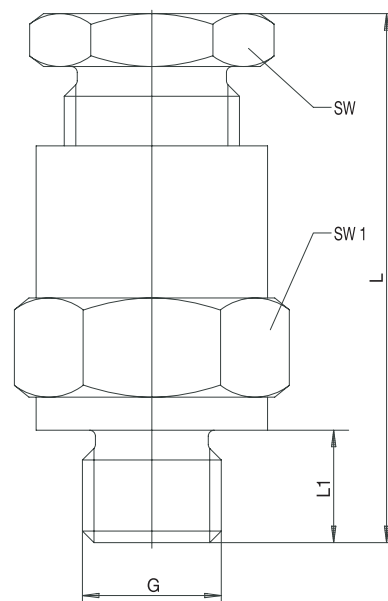


Pipe fittings for protection tubes to DIN 43 763

For protection tube dia. in mm	Thread G	Wrench size		Length		Part no.
		SW	SW1 in mm	L	L1 in mm	

Pipe fittings in steel with asbestos-free stuffing gland

15	1/2"	32	36	80	17	00018468 ●
15	3/4"	36	41	90	19	00018467 ●
22	1"	41	46	95	20	00018469 ●



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Pipe fittings

For protection tube dia. in mm	Thread G	Wrench size		Length		Part no.
		SW	SW1 in mm	L	L1 in mm	

Pipe fittings in steel with PTFE clamping ring for temperatures up to 260°C

1.0	M 8 x 1	10	12	29	8	00049700 ●
1.5	M 8 x 1	10	12	29	8	00049701 ●
2.0	M 8 x 1	12	12	25	8	00049702 ●
3.0	M 8 x 1	12	12	25	8	00049703 ●
4.5	M 8 x 1	10	12	29	8	00049704 ●
6.0	1/4"	14	19	39	12	00049705 ●

Pipe fittings in stainless steel X 6 CrNiMoTi 17 12 2, Material Ref. 1.4571 with PTFE clamping ring for temperatures up to 260°C

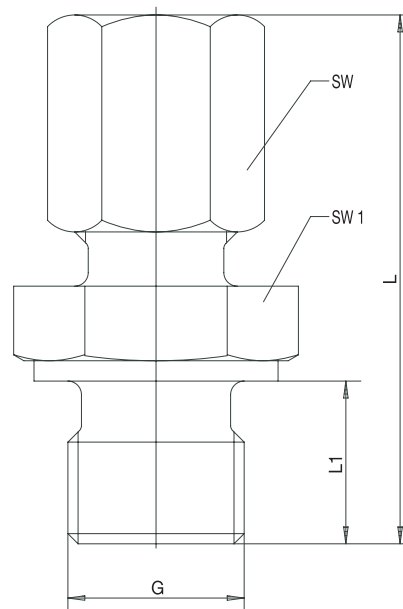
1.0	M 8 x 1	8	12	24	8	00049706 ●
1.5	M 8 x 1	10	12	29	8	00049707 ●
2.0	M 8 x 1	8	12	25	8	00049708 ●
3.0	M 8 x 1	10	14	28	8	00049709 ●
4.5	M 8 x 1	10	12	29	8	00049710 ●
6.0	1/4"	19	14	41	12	00049711 ●

Pipe fittings in stainless steel X 6 CrNiMoTi 17 12 2, Material Ref. 1.4571 with st. steel clamping ring for temperatures up to 600°C

1.5	M 8 x 1	8	12	23.5	8	00080809 ●
3.0	M 8 x 1	10	14	27	8	00080810 ●
6.0	1/4"	14	19	40	12	00080811 ●
6.0	1/2"	14	27	44	14	00305445 ●
12.0	1/2"	22	27	46	14	00312448 ●
15.0	1/2"	27	27	42	14	00048311 ●

Pipe fittings in steel with steel clamping ring for temperatures up to 500°C

6.0	3/8"	14	22	40	10	00057945 ●
6.0	1/2"	12	27	40	12	00340227 ●



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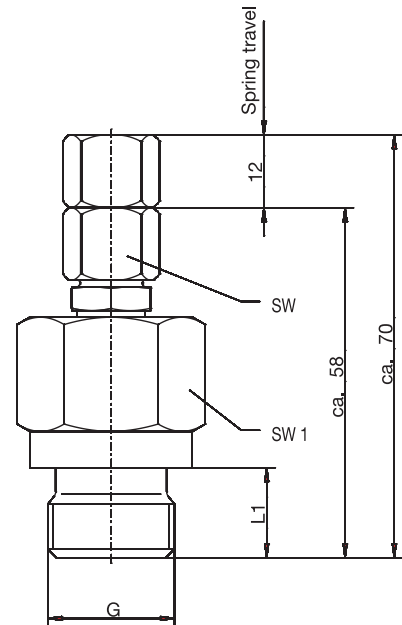


Pipe fittings, spring-loaded

For protection tube dia. in mm	Thread G inch	Wrench size		Length		Part no.
		SW	SW1 mm	L	L1 in mm	

Pipe fittings in stainless steel X8CrNiS18-9, Mat. Ref. 1.4305
 with stainless steel clamping ring for temperatures up to 180°C

8.0	1/2"	14	27	58	14	00462809 ●
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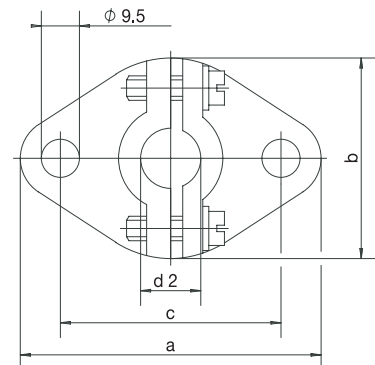
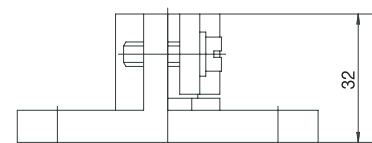
Item 3

Stop flanges to DIN 43 734

For protection tube dia. in mm	Dimensions in mm				Part no.
	a	b	c	d2	

Stop flanges in cast iron

15	75	50	55	16	00005784 ●
22	90	65	70	23	00005785 ●
32	90	65	70	33	00014955 ●



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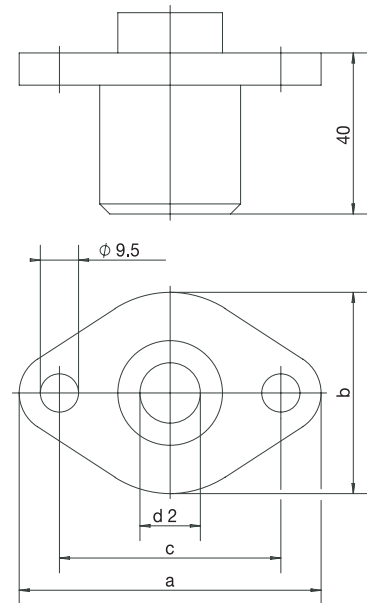
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Backing flanges for stop flanges to DIN 43 734

For protection tube dia. in mm	Dimensions in mm				Part no.
	a	b	c	d2	
Backing flanges in cast iron					
15	75	50	55	15	00058371 ●
22	90	65	70	22	00058372 ●
32	90	65	70	32	00058373 ●



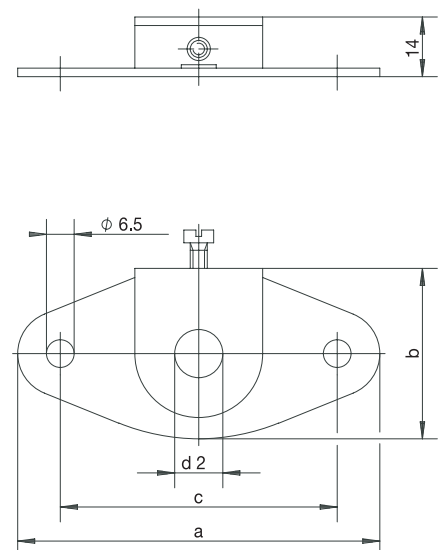
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Item 5

Plate flanges

For protection tube dia. in mm	Dimensions in mm				Part no.
	a	b	c	d2	
Plate flanges in galvanized steel					
6	85	40	65	6.3	00065062 ●
8	85	40	65	8.3	00068165 ●
10	85	40	65	10.3	00084190 ●
11	85	40	65	11.3	00038513 ●



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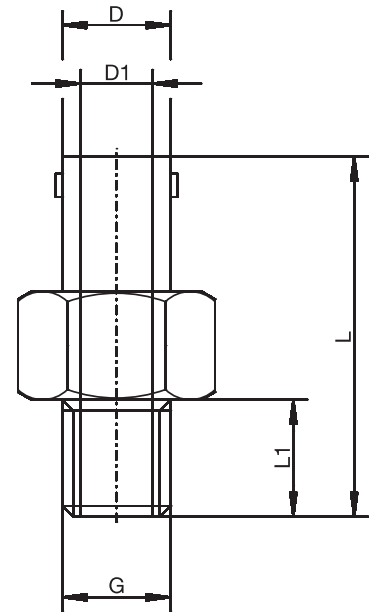
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Bayonet sockets SW for push-in resistance thermometers

Thread G	Diameter D in mm	Diameter D1 in mm	Length L in mm	Length L1 in mm	Part no.
Bayonet sockets SW in brass, Mat. Ref. 2.0401.20, nickel-plated					
M 12	12	8.5	30	10	00463477
M 12 x 1	12	8.5	30	10	00449206 ●
M 12 x 1	12	8.5	40	10	00452747 ●
M 14 x 1.5	12	8.5	30	10	00463478
1/4"	12	8.5	30	10	00463480
3/8"	12	8.5	30	10	00441893 ●
M 10 x 1	12	6.5	30	10	00459226 ●
M 12	12	6.5	30	10	00463484
M 12 x 1	12	6.5	30	10	00463486
M 14 x 1.5	12	6.5	30	10	00463488 ●
1/4"	12	6.5	30	10	00463490
3/8"	12	6.5	30	10	00463491
M 12	14	8.5	30	10	00463492
M 12 x 1	14	8.5	30	10	00463493
M 14 x 1.5	14	8.5	30	10	00454811 ●
1/4"	14	8.5	30	10	00463494 ●
3/8"	14	8.5	30	10	00463497



Minimum ordering quantity for non-stock parts: 10 items

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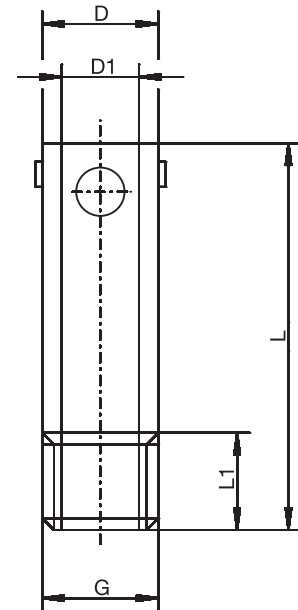
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Bayonet sockets RD for push-in resistance thermometers

Thread G in mm	Diameter D in mm	Diameter D1 in mm	Length L in mm	Length L1 in mm	Part no.
Bayonet sockets RD in brass, Mat. Ref. 2.0401.20, nickel-plated					
M 12	12	8.5	20	10	00463422 ●
M 12	12	8.5	30	10	00463423 ●
M 12	12	8.5	40	10	00463445
M 12	12	8.5	50	10	00463446
M 12 x 1	12	8.5	20	10	00451967 ●
M 12 x 1	12	8.5	30	10	00463447
M 12 x 1	12	8.5	40	10	00458580 ●
M 12 x 1	12	8.5	50	10	00450720 ●
M 12 x 1	12	8.5	60	10	00447366 ●
1/4"	12	8.5	30	10	00463449
M 10 x 1	12	6.5	50	10	00463450
M 12 x 1	12	6.5	30	10	00463451
M 12 x 1	12	6.5	40	10	00458576 ●
M 12 x 1	12	6.5	50	10	00463453 ●
M 12	14	8.5	30	10	00463454
M 12	14	8.5	40	10	00463455
M 12	14	8.5	50	10	00463457
M 12 x 1	14	8.5	30	10	00463460
M 12 x 1	14	8.5	40	10	00463464
M 12 x 1	14	8.5	50	10	00451641 ●
M 14 x 1.5	14	8.5	30	10	00463465
M 14 x 1.5	14	8.5	40	10	00463466
M 14 x 1.5	14	8.5	50	10	00463467 ●
1/4"	14	8.5	30	10	00463469
1/4"	14	8.5	40	10	00463470
1/4"	14	8.5	50	10	00463471
M 12 x 1	14	6.5	30	10	00463474
M 12 x 1	14	6.5	40	10	00463475
M 12 x 1	14	6.5	50	10	00463476



Bayonet sockets RD in stainless steel V4A, Mat. Ref. 1.4305

M 12 x 1	12	8.5	50	10	00450338 ●
M 12 x 1	12	8.5	60	10	00439597 ●
M 12 x 1	12	8.5	100	10	00439640 ●
M 10 x 1	12	6.5	60	10	00459471 ●

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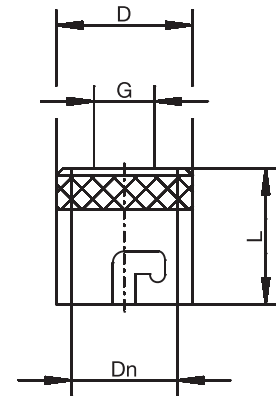
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Bayonet locks for push-in resistance thermometers

Thread G in mm	Diameter D in mm	Length L in mm	Bayonet Dn in mm	Part no.
Bayonet locks in brass, Mat. Ref. 2.0401.20, nickel-plated				
5.4	15	18	12.2	00441183 ●
5.4	18	18	14.5	00441186 ●
5.4	18	18	15.2	00443446 ●
7.0	15	18	12.2	00441188 ●
7.0	15	18	14.5	00441198 ●
7.0	15	18	15.2	00443448 ●



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Item 9