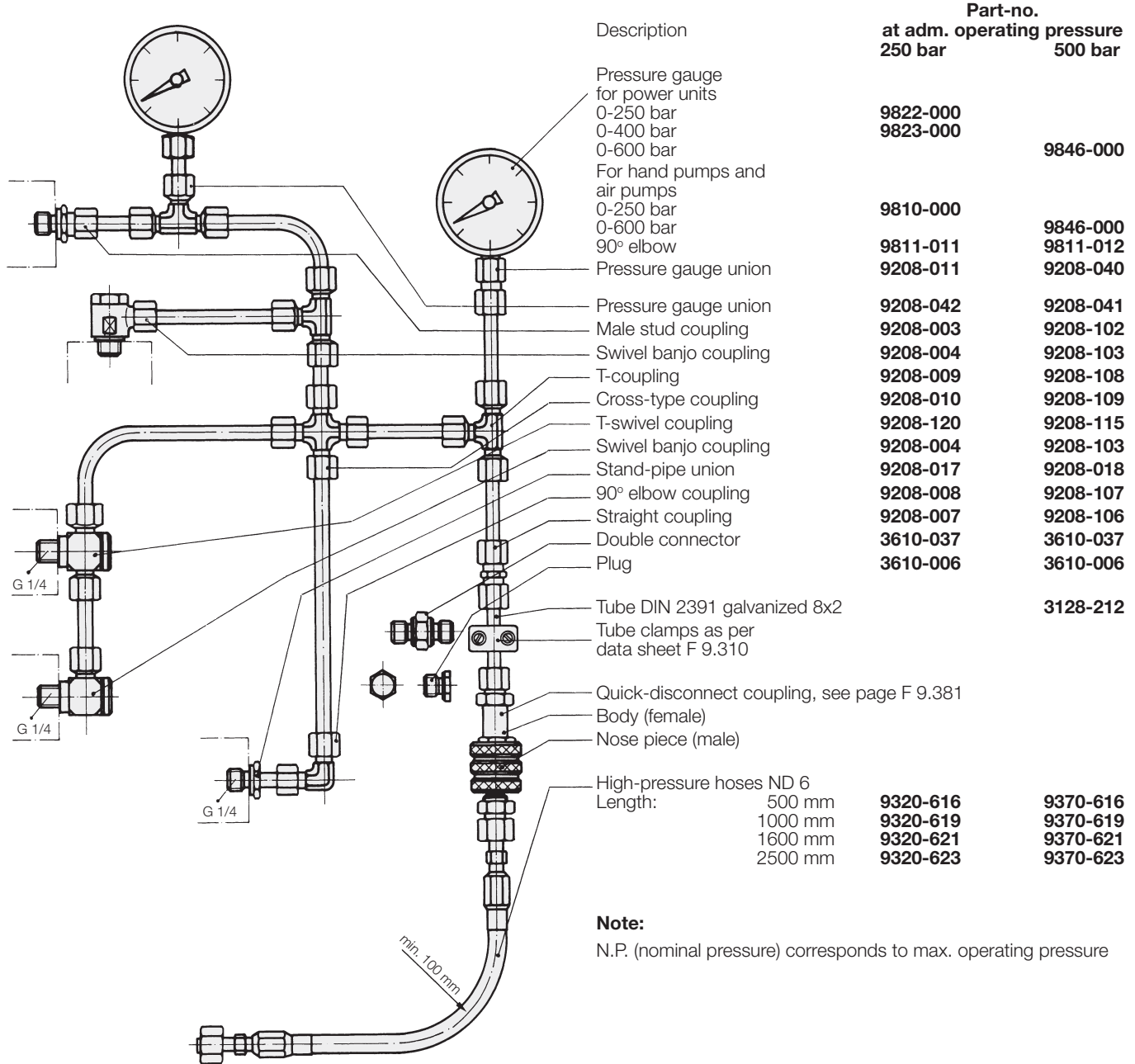


## Fittings, Cutting ring unions as per DIN 2353, Hydraulic oil, seamless precision steel tubes, pressure gauges

### Application example









网址: [www.fdzc.net](http://www.fdzc.net) 联系人: 程家雄 手机: 13601809714

联系电话: 021-51872743

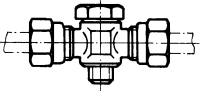
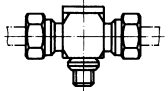
E-mail: [chengff@sh163.net](mailto:chengff@sh163.net)



## Cutting ring unions as per DIN 2353

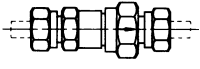

<b>Cutting ring unions</b>		N.P.	Part-no.
	Nut, type L	(bar)	
	m 6 L for tube Ø 6	250	<b>9206-001</b>
	m 8 L for tube Ø 8	250	<b>9208-001</b>
	m 10 L for tube Ø 10	250	<b>9210-002</b>
	m 15 L for tube Ø 15	250	<b>9215-001</b>
	Nut, type S		
	m 8 S for tube Ø 8	500	<b>9208-100</b>
	m 10 S for tube Ø 10	500	<b>9210-102</b>
	m 14 S for tube Ø 14	500	<b>9214-001</b>
	m 16 S for tube Ø 16	400	<b>9216-002</b>
	Cutting ring, type L		
	s 6 L for tube Ø 6	250	<b>9206-002</b>
	s 8 L for tube Ø 8	250	<b>9208-101</b>
	s 10 L for tube Ø 10	250	<b>9210-103</b>
	s 15 L for tube Ø 15	250	<b>9215-002</b>
	Cutting ring, type S		
	s 8 S for tube Ø 8	500	<b>9208-101</b>
	s 10 S for tube Ø 10	500	<b>9210-103</b>
	s 14 S for tube Ø 14	500	<b>9214-002</b>
	s 16 S for tube Ø 16	400	<b>9216-003</b>


<b>Tube male stud coupling</b>			
	Type L		
	D 6 L for tube Ø 6	G 1/8	250 <b>9206-003</b>
	D 8 L for tube Ø 8	G 1/8	250 <b>9208-034</b>
	D 8 L for tube Ø 8	G 1/4	250 <b>9208-003</b>
	D 10 L for tube Ø 10	G 1/4	250 <b>9210-004</b>
	Type S		
	D 8 S for tube Ø 8	G 1/8	500 <b>9208-116</b>
	D 8 S for tube Ø 8	G 1/4	500 <b>9208-102</b>
	D 10 S for tube Ø 10	G 3/8	500 <b>9210-104</b>
	D 14 S for tube Ø 14	G 1/2	500 <b>9214-003</b>
D 16 S for tube Ø 16	G 1/2	400 <b>9216-004</b>	

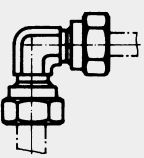

<b>Swivel banjo coupling</b>			
	Type L		
	SVH 6 LR for tube Ø 6	G 1/8	250 <b>9206-004</b>
	SVH 8 LR for tube Ø 8	G 1/4	250 <b>9208-004</b>
	SVH 10 LR for tube Ø 10	G 1/4	250 <b>9210-015</b>
	SVH 15 LR for tube Ø 15	G 1/2	250 <b>9215-004</b>
	Type S		
	SVH 8 SR/SA tube Ø 8	G 1/4	500 <b>9208-103</b>
	SVH 10 SR for tube Ø 10	G 3/8	400 <b>9210-105</b>
	SVH 14 SR for tube Ø 14	G 1/2	500 <b>9214-016</b>
	SVH 16 SR for tube Ø 16	G 1/2	400 <b>9216-005</b>

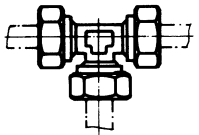

<b>T-swivel coupling, without throttling</b>			
	Type L		
	DSVQ 6 LR for tube Ø 6	G 1/8	250 <b>9206-019</b>
	DSVQ 8 LR for tube Ø 8	G 1/4	250 <b>9208-120</b>
	DSVQ 10 LR for tube Ø 10	G 1/4	250 <b>9210-023</b>
	Type S		
	DSVQ 8 SR/SA tube Ø 8	G 1/4	500 <b>9208-115</b>
	DSVT 10 SR for tube Ø 10	G 3/8	400 <b>9210-107</b>
	DSVT 16 SR for tube Ø 16	G 1/2	400 <b>9216-007</b>

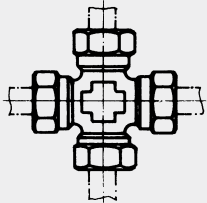

<b>Straight coupling</b>			
	Type L		
	E 6 L for tube Ø 6		250 <b>9206-007</b>
	E 8 L for tube Ø 8		250 <b>9208-007</b>
	E 10 L for tube Ø 10		250 <b>9210-007</b>
	E 15 L for tube Ø 15		250 <b>9215-007</b>
	Type S		
	E 8 S for tube Ø 8	500	<b>9208-106</b>
	E 10 S for tube Ø 10	500	<b>9210-108</b>
	E 16 S for tube Ø 16	400	<b>9216-008</b>


<b>Check valve, poppet type</b>			
	Type L		
	RWD 6 L for tube Ø 6	250	<b>9206-012</b>
	RWD 8 L for tube Ø 8	250	<b>9208-012</b>
	RWD 10 L for tube Ø 10	250	<b>9210-012</b>
	RWD 15 L for tube Ø 15	250	<b>9215-011</b>
	Type S		
	RWD 8 S for tube Ø 8	500	<b>9208-111</b>
	RWD 10 S for tube Ø 10	500	<b>9210-116</b>
	RWD 14 S for tube Ø 14	500	<b>9214-011</b>
	RWD 16 S for tube Ø 16	400	<b>9216-012</b>


<b>Blanking plugs for cutting ring unions</b>			
	VB 6 S for tube Ø 6		<b>9206-023</b>
	VB 8 S for tube Ø 8		<b>9208-039</b>
	VB 10 S for tube Ø 10		<b>9210-024</b>
	VB 14 S for tube Ø 14		<b>9214-012</b>
	VB 15 L for tube Ø 15		<b>9215-031</b>
	VB 16 S for tube Ø 16		<b>9216-016</b>



<b>90° elbow coupling</b>		N.P.	Part-no.
	Type L		(bar)
	K 6 L for tube Ø 6	250	<b>9206-008</b>
	K 8 L for tube Ø 8	250	<b>9208-008</b>
	K 10 L for tube Ø 10	250	<b>9210-008</b>
	K 15 L for tube Ø 15	250	<b>9215-008</b>
	Type S		
	K 8 S for tube Ø 8	500	<b>9208-107</b>
	K 10 S for tube Ø 10	500	<b>9210-112</b>
	K 14 S for tube Ø 14	500	<b>9214-008</b>
	K 16 S for tube Ø 16	400	<b>9216-009</b>
	KE 8 S for tube Ø 8	250	<b>9208-038</b>

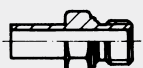

<b>T-coupling</b>			
	Type L		
	Q 6 L for tube Ø 6	250	<b>9206-009</b>
	Q 8 L for tube Ø 8	250	<b>9208-009</b>
	Q 10 L for tube Ø 10	250	<b>9210-009</b>
	Q 15 L for tube Ø 15	250	<b>9215-009</b>
	Type S		
	Q 8 S for tube Ø 8	500	<b>9208-108</b>
	Q 10 S for tube Ø 10	500	<b>9210-113</b>
	Q 14 S for tube Ø 14	500	<b>9214-009</b>
	Q 16 S for tube Ø 16	400	<b>9216-010</b>

<b>Cross-type coupling</b>			
	Type L		
	KV 6 L for tube Ø 6	250	<b>9206-011</b>
	KV 8 L for tube Ø 8	250	<b>9208-010</b>
	KV 10 L for tube Ø 10	250	<b>9210-010</b>
	Type S		
	KV 8 S for tube Ø 8	500	<b>9208-109</b>
	KV 10 S for tube Ø 10	500	<b>9210-114</b>
	KV 16 S for tube Ø 16	400	<b>9216-011</b>

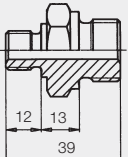
<b>Thread reducing adaptor</b>			
	Outer thread		Inner thread
	G 1/2	G 1/4	<b>3613-015</b>
	G 3/8	G 1/4	<b>3613-016</b>
	G 1/2	G 3/8	<b>3613-018</b>

<b>Plug with knife-edge sealing</b>			
	Thread G 1/4	500	<b>3610-006</b>
	Thread G 1/2	500	<b>3610-000</b>

<b>Straight tube male stud coupling sealing with elastic seal to seal hardened surfaces</b>			
	Type L		
	D 6 L ED for tube Ø 6	G 1/8	250 <b>9206-028</b>
	D 8 L ED for tube Ø 8	G 1/4	250 <b>9208-131</b>
	D 10 L ED for tube Ø 10	G 1/4	250 <b>9210-028</b>
	Type S		
	D 15 L ED for tube Ø 15	G 1/2	250 <b>9215-033</b>
	D 8 S ED for tube Ø 8	G 1/4	500 <b>9208-132</b>
	D 10 S ED for tube Ø 10	G 3/8	500 <b>9210-029</b>
	D 14 S ED for tube Ø 14	G 1/2	500 <b>9214-018</b>
	D 16 S ED for tube Ø 16	G 1/2	400 <b>9216-021</b>

<b>Stand pipe union</b>			
	Type L up to 250 bar		
	DC 8 L for tube Ø 8	G 1/4	<b>9208-017</b>
	DC 10 L for tube Ø 10	G 1/4	<b>9210-109</b>
	Type S up to 500 bar		
	DC 8 S for tube Ø 8	G 1/4	<b>9208-018</b>

<b>Double connector G 1/4 for tube Ø 8</b>			
		500	<b>3610-037</b>

<b>Double connector G 1/4 – G 1/2</b>			
		500	<b>3610-062</b>

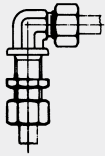
## Bulk head fittings, hydraulic oil, seamless precision steel tubes, connecting inserts

### Straight bulk head fittings



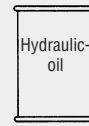
	Diam. of the mounting hole	N.P. [bar]	Part-no.
<b>Type L</b>			
R 6 L for tube Ø 6	13 mm	250	<b>9206-026</b>
R 8 L for tube Ø 8	15 mm	250	<b>9208-023</b>
R 10 L for tube Ø 10	17 mm	250	<b>9210-117</b>
R 15 L for tube Ø 15	23 mm	250	<b>9215-022</b>
<b>Type S</b>			
R 8 S for tube Ø 8	17 mm	500	<b>9208-117</b>
R 10 S for tube Ø 10	19 mm	500	<b>9210-119</b>
R 14 S for tube Ø 14	23 mm	500	<b>9214-022</b>
R 16 S for tube Ø 16	25 mm	400	<b>9216-017</b>

### 90°-elbow bulk head fitting



	Diam. of the mounting hole	N.P. [bar]	Part-no.
<b>Type L</b>			
U 6 L for tube Ø 6	13 mm	250	<b>9206-014</b>
U 8 L for tube Ø 8	15 mm	250	<b>9208-029</b>
U 10 L for tube Ø 10	17 mm	250	<b>9210-110</b>
U 15 L for tube Ø 15	23 mm	250	<b>9215-018</b>
<b>Type S</b>			
U 8 S for tube Ø 8	17 mm	500	<b>9208-118</b>
U 10 S for tube Ø 10	19 mm	500	<b>9210-027</b>
U 14 S for tube Ø 14	23 mm	500	<b>9214-017</b>
U 16 S for tube Ø 16	25 mm	400	<b>9216-020</b>

### Hydraulic oil in containers



Hydraulic oil in containers	Part-no.
HLP 22 V = 1 litre	<b>9892-001</b>
5 litre	<b>9893-001</b>
20 litre	<b>9894-001</b>
HLP 32 V = 1 litre	<b>9895-001</b>
5 litre	<b>9891-001</b>
20 litre	<b>9899-001</b>
HLP 46 V = 1 litre	<b>9896-001</b>
5 litre	<b>9897-001</b>
20 litre	<b>9898-001</b>

### Fire-resistant hydraulic oil Oemeta HF-Du

1 litre	<b>9892-002</b>
5 litre	<b>9893-002</b>
20 litre	<b>9894-002</b>

### Precision steel tube, ST 37 DIN 2391 galvanized

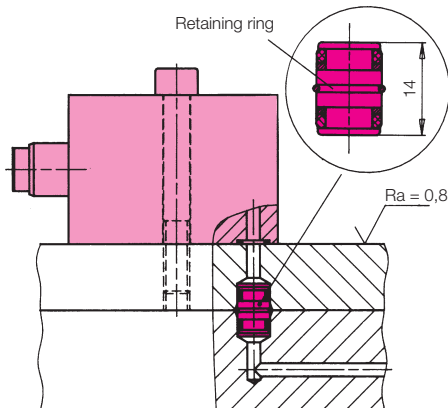


	N.P. [bar]	Part-no.
8 x 1	250	<b>3128-112</b>
8 x 1,5	400	<b>3128-113</b>
8 x 2	500	<b>3128-212</b>
10 x 1	250	<b>3128-114</b>
15 x 1,5	250	<b>3128-119</b>

### Connecting insert for plates and manifolds, 500 bar, ND 5

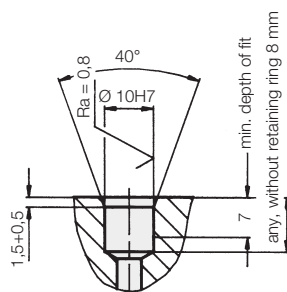
Short version  
for connections, without space

Installation example



Length	Max. operating pressure	Seals	Part-no.
14 mm	500 bar	VITON®	<b>9210-132</b>

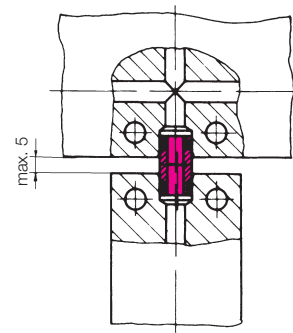
### Installation dimensions short version



**Note:** max. mismatch of bore holes: short version 0.05 mm

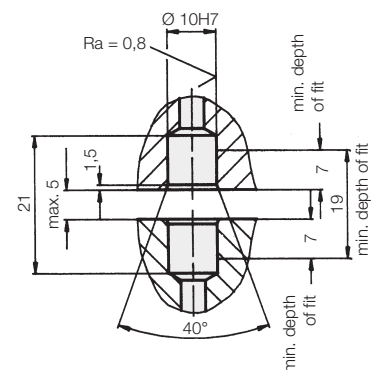
Long version  
for connections with space up to 5 mm

Installation example



Length	Max. operating pressure	Seals	Part-no.
19 mm	500 bar	VITON®	<b>9210-127</b>

### Installation dimensions long version



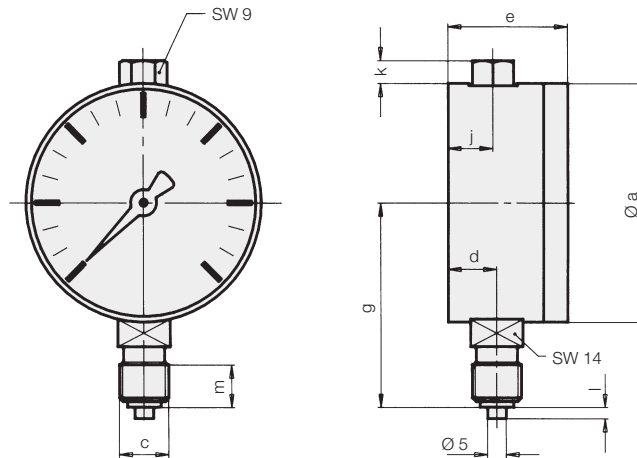
**Note:** max. mismatch of bore holes: long version 0.1 mm



### Pressure gauge

#### Important note

Pressure gauges with plug must not be used in coolant jets. In such applications the pressure gauge with screw plug or closed housing are to be used.



### Pressure gauge with glycerin filling and plug

Measuring range	Ø a	c	d	e	g <sup>±1</sup>	j	k	l	m	Part-no.
0- 40 bar	63	G1/4	13	32	54	12	-	3	12	<b>9820-000</b>
0-100 bar	63	G1/4	13	32	54	12	-	3	12	<b>9821-000</b>
0-250 bar without glycerin filling	63	G1/4	13	32	54	-	-	3	12	<b>9810-000</b>
0-250 bar	63	G1/4	13	32	54	12	-	3	12	<b>9822-000</b>
0-400 bar	63	G1/4	13	32	54	12	-	3	12	<b>9823-000</b>

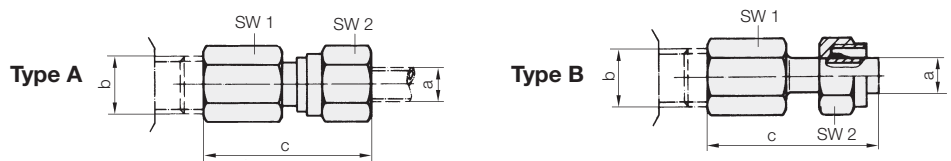


### Pressure gauge with screw plug

### Pressure gauge with glycerin filling and screw plug, wrench size SW 9 or closed housing

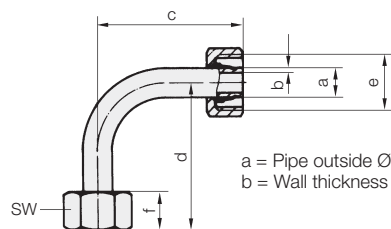
Measuring range	Ø a	c	d	e	g <sup>±1</sup>	j	k	l	m	Part-no.
0-250 bar	63	G1/4	17.5	42	53	16	5	3	12	<b>9822-005</b>
0-400 bar	63	G1/4	17.5	42	53	16	5	3	12	<b>9823-005</b>
0-600 bar	63	G1/4	17.5	42	53	16	5	3	12	<b>9846-000</b>

### Pressure gauge union



Type	Fitting	a	b	c	SW1	SW2	Part-no.
A	0-250 bar	8	G1/4	37	17	17	<b>9208-011</b>
B	0-250 bar	8	G1/4	40	19	17	<b>9208-042</b>
A	0-500 bar	8	G1/4	42	19	19	<b>9208-040</b>
B	0-500 bar	8	G1/4	40	19	19	<b>9208-041</b>
A	0-500 bar	8	G1/2	41	27	19	<b>9208-110</b>

### 90°-elbow



a = Pipe outside Ø  
b = Wall thickness

90°-elbow	a	b	c	d	e	f	SW	Part-no.
0-250 bar	8	1	48	48	M14 x 1.5	15	17	<b>9811-011</b>
0-500 bar	8	1.5	48	76	M16 x 1.5	16	19	<b>9811-012</b>