

Screwed-on screw connections with female threads (pressure gauge couplings)

Type	Thread	Hose Ø	Thread for union nut	Nuts	Nuts brass	Nuts
AISI 316Ti	female	male x female	union nut	AISI 316Ti	nickel-plated	POM
AK 184 ES	G 1/8"	6 x 4	M 10 x 1	MCK 4 ES	MCK 4 MSV	MCK 4 K
AK 186 ES	G 1/8"	8 x 6	M 12 x 1	MCK 6 ES	MCK 6 MSV	MCK 6 K
AK 144 ES	G 1/4"	6 x 4	M 10 x 1	MCK 4 ES	MCK 4 MSV	MCK 4 K
AK 146 ES	G 1/4"	8 x 6	M 12 x 1	MCK 6 ES	MCK 6 MSV	MCK 6 K
AK 148 ES	G 1/4"	10 x 8	M 14 x 1	MCK 8 ES	MCK 8 MSV	MCK 8 K
AK 386 ES	G 3/8"	8 x 6	M 12 x 1	MCK 6 ES	MCK 6 MSV	MCK 6 K
AK 388 ES	G 3/8"	10 x 8	M 16 x 1	MCK 8M16 ES	---	---



Pressure gauge snubbers for liquids and gases

PN 250/400

Materials: Brass/NBR, AISI 316Ti/FKM or steel/NBR
Temperature range: -10°C to max. +120°C

Type	Type AISI	Type	Thread
brass (250 bar)	316Ti (400 bar)	steel (400 bar)	
MANOS 14 MS	MANOS 14 ES	---	G 1/4"
MANOS 12 MS	MANOS 12 ES	MANOS 12 ST	G 1/2"

* male thread with centring pin for profiled seal



Pressure gauge snubbers for liquids and gases

PN 1000

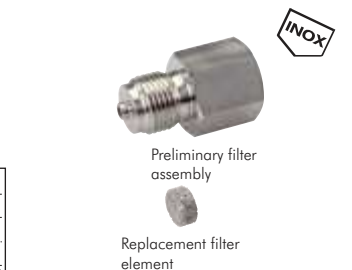
Materials: Body: AISI 316Ti, Filter element: AISI 316L

Temperature range: -10°C to max. +200°C

Pore width in the filter: 200 µm

Suitable: For installation of pressure gauges in hydraulic and pneumatic system circuits susceptible to dirt. The preliminary filters prevent clogging of small pressure entry channels / capillaries as well as a build up of solids and suspended matter in the process medium chambers. At the same time they have a throttling and damping effect and thus protect the measuring devices from pressure thrusts and pressure surges. If a filter element is clogged, this can easily be replaced by a replacement element.

Type	Ø Filter element	Thread
Preliminary filter assembly		
MANOF 14 ES	5.5	G 1/4"
MANOF 12 ES	7.0	G 1/2"
Replacement filter element		
MANOF 14 ES REP	5.5	G 1/4"
MANOF 12 ES REP	7.0	G 1/2"



Water-filled U-tubes DIN 16282

PN 25/100

A water-filled U-tube is used to cool off the measured material (liquid or gas) at a temperature compatible with the measuring device. They are mounted directly in front of the measuring device.

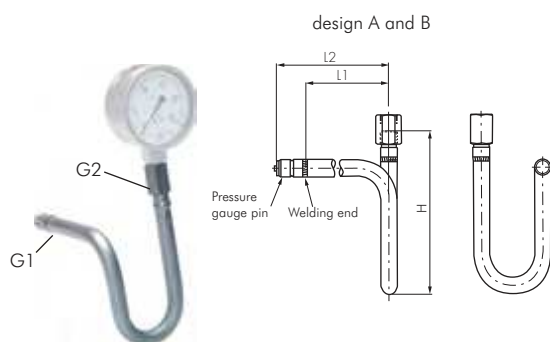
Temperature/pressure: To +120°C = 100%; to +300°C = 80%; to +400°C = 63%

Type	Type	Design	G 1	G 2	PN	L 1	L 2	H
AISI 316Ti	steel ST 35.8							
U-shape								
WSRU 1212 ES	WSRU 1212 ST	A (DIN 16282)	G 1/2" MT pin**	G 1/2" FT clamping socket*	100 bar	---	180	200
WSRU 0012 ES	WSRU 0012 ST	B (DIN 16282)	Welding end***	G 1/2" FT clamping socket*	100 bar	145	---	200
WSRU 0000 ES	---	---	Welding end***	Welding end***	100 bar	145	---	165
WSRUH 1414 ES	WSRUH 1414 ST	H	G 1/4" (MT)	G 1/4" (MT)	25 bar	---	225	170
WSRUH 1212 ES	WSRUH 1212 ST	H	G 1/2" (MT)	G 1/2" (MT)	25 bar	---	225	170
Circular								
WSRK 1212 ES	WSRK 1212 ST	C (DIN 16282)	G 1/2" MT pin**	G 1/2" FT clamping socket*	100 bar	---	---	275
WSRK 0012 ES	WSRK 0012 ST	D (DIN 16282)	Welding end***	G 1/2" FT clamping socket*	100 bar	---	---	240
WSRK 0000 ES	---	---	Welding end***	Welding end***	100 bar	---	---	220
WSRKH 1414 ES	WSRKH 1414 ST	---	G 1/4" (MT)	G 1/4" (MT)	25 bar	---	---	240
WSRKH 1212 ES	WSRKH 1212 ST****	---	G 1/2" (MT)	G 1/2" (MT)	25 bar	---	---	240

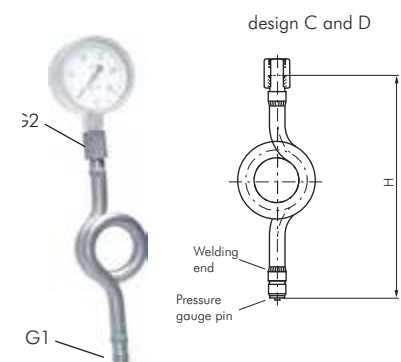
* the clamping socket is equipped with a left-hand and right-hand thread and allows the measuring device to be positioned freely. It functions similarly to a union nut with a flat seal.

The clamping socket is available in AISI 304 for stainless steel water-filled U-tube. The pressure gauge gasket must be ordered separately, ** male thread with centring pin for profiled seal, *** welding ends 20 x 2.5, **** H = 230 mm

Type U-shape



Type circular



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.