

Insulation clamps type 175 EX galvanised

Field of application

- Thermal decoupled pipe attachment in the field of refrigeration
- Specially suitable for attachments in ventilation, air-conditioning, heating, refrigeration installations as well as for chilled water pipes
- Stable insulating element for high impacts

Advantages

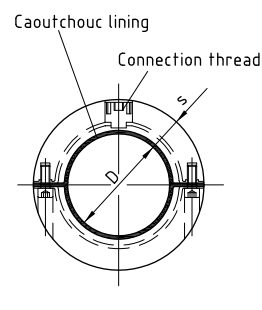
- Two half shells including screws, mounted

- With combined connecting thread metric and inch
- Highly resistant to water vapour diffusion
- Ideal for separating individual pipe sections when using open diffusion insulating materials (mineral fibre)
- With caoutchouc lining on the pipe side and on the separation surfaces of the insulating clamp; no PU-Sealer necessary



Features

Material	Polyurethane, black
Density	250 kg/m³
Thermal conductivity	$\lambda = 0.049 \text{ W/mK at } 0^\circ\text{C}$
Fire classification (according to DIN 4102)	B2
Temperature range	$-50^\circ\text{C to } +105^\circ\text{C}$
Water vapour diffusion resistance	$\mu = 1,200$

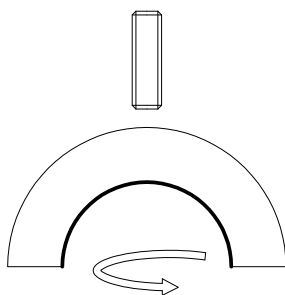


Pipe outer diameter D [mm]	Insulation thickness s [mm]	Shell length b [mm]	Connecting thread	Connecting thread	Part no.	Sales unit	Pack unit	
9.5	30	40	M8 / M10 / ½"	5	111360	1	pieces	
12.7					111304			
15.8					111312			
17.2					111318			
18.0					111320			
21.3					111326			
22.0					111330			
26.9					111332			
28.0					111334			
33.7					111336			
35.0					111338			
42.4					111340			
48.3					111342			
50.0					111344			
54.0					111346			
57.0					111348			
60.3					50			111350
64.0								111352
70.0		M10 / ½"	6	111354				
76.1				111356				
88.9	111358							
108.0	40	60		111299				
114.3				111302				

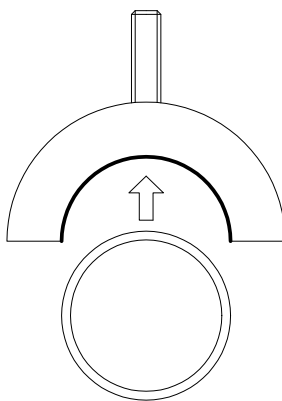
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Pipe outer diameter D [mm]	Insulation thickness s [mm]	Shell length b [mm]	Connecting thread	Connecting thread	Part no.	Sales unit	Pack unit
129.0	40	60	M10 / ½"	6	111306	1	pieces
133.0					111308		
139.7					111310		
159.0	M12 / ½"	8	111314				
168.3			111316				
193.7			60	100			
204.0	M16 / ¾"			111324			
219.1				111328			

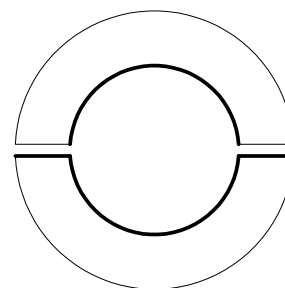
Mounting instructions



Screw on upper half with dual thread



Position pipe



Firmly screw lower half with the offset caoutchouc seating (PUR on caoutchouc, caoutchouc on PUR) firmly to the upper half. The additional use of PU-Sealer may be omitted

! According to the **AGI Working Sheet Q 11** ("Arbeitsgemeinschaft Industriebau", an association for industrial construction works) the insulation of refrigeration lines must be made diffusion tight.
The connection with the outer pipe insulation is made by using a complying adhesive for the insulation material (use adhesive suitable for PU).