

Insulation clamps type H, M, T

two-piece, with single bossed clamps with DÄMMGULAST® yellow and insulation shells, 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 hot and chilled water pipes

Advantages

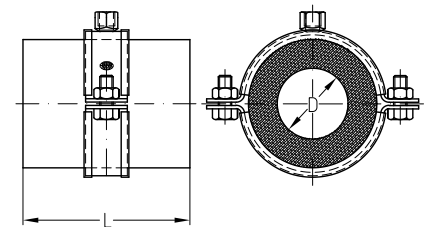
- Rigorous avoidance of temperature bridges in cold pipelines
- Highly effective insulation due to support elements made of PET and a synthetic rubber mantle
- Insulation thickness matched to the increasing insulation layer thickness of the insulation sleeves

- Secure water vapour diffusion barrier
- Easy installation using self-adhesive fasteners in the part-joint
- Rubber surfaces on the face sides allow easy bonding with the rubber pipe insulation
- Fixed load-distribution sleeves for improved load transfer
- Structure-borne noise damping due to DÄMMGULAST® vibration control lining with yellow identification stripe:** Average sound level improvement up to 22 dB(A)



Features

Material	polyethylene terephthalate, synthetic rubber
Effective density	100 kg/m³
Thermal conductivity	$\lambda = 0.033 \text{ W/mK at } 0^\circ\text{C}$ $\lambda = 0.037 \text{ W/mK at } +40^\circ\text{C}$
Fire classification	Euroclass E - EN 13501-1 in systems association with AF/Armaflex: B-S3-d0
Temperature range	-50 °C to +110 °C
Water vapour diffusion resistance	$\mu = 10,000$
Design	2 PET segment shells and closed-cell elastomeric foam, integral load-distributing sleeves, with two-piece pipe clamp, vibration-damped with DÄMMGULAST® lining



Pipe outer diameter	Max. recommended fastening distance [m]
10–18 mm	2.00
½"–24 mm	2.75
¾"–30 mm	3.00
1"–38 mm	3.50
1¼"–44.5 mm	3.75
1½"–57 mm	4.25
2"–70 mm	4.75
2½"–80 mm	5.50
from 3" upwards	6.00

Insulation clamps type H – Insulation thickness 9.5–16 mm

two-piece, with single bossed clamps with DÄMMGULAST® yellow and insulation shells, galvanised

			Insulation clamp M10 connection thread			Insulation shell type H					
Pipe outer-Ø D			Part no. complete clamp	Sales unit	Pack unit	Size [mm]	Length of shell L [mm]	Outer-Ø shell [mm]	Part no. single shell	Sales unit	Pack unit
Cooper pipe [mm]	Steel pipe [inch]	Steel pipe [mm]									
10		10.2	111364	1	pieces	10/12	45	34	124168	1	pieces
12								36			
	1/4							38			
15			111374			15/18		40	111773		
18	3/8							43			
22	1/2		111380			22/25		47	111779		
24								50			
28	3/4		111382			28/30		53	111781		
30			111384					56			
35	1		111386			35/38	50	64	111783		
38								65			
42								111388			
		44.5	72								
	1 1/2		111390			48	55	76	111787		
54			111392					54/57	82		
57						85					
	2		111394			60/64	65	89	111791		
64								92			
70			111396			70		98	111793		
	2 1/2		111398			76/80	75	105	111795		
80								109			
	3		111400			89	95	118	111797		
		101.6	111362			102/108		134	111765		
108								137			
	4		111366			114	115	144	111767		
125			111368			125		155	111769		
		133.0	111370			133/140		165	111771		
	5		111372					172			
160			111376			160	125	193	111775		
	6		111378			165/168		198	111777		
		168.3						201			



Please refer to chapter „Insulation“ for further information and insulation products.

Insulation clamps type M – Insulation thickness 15.5–25 mm two-piece, with single bossed clamps with DÄMMGULAST® yellow and insulation shells, galvanised

			Insulation clamp M10 connection thread			Insulation shell type M					
Pipe outer -Ø D			Part no. complete clamp	Sales unit	Pack unit	Size [mm]	Length of shell L [mm]	Outer-Ø shell [mm]	Part no. single shell	Sales unit	Pack unit
Cooper pipe [mm]	Steel pipe [inch]	Steel pipe [mm]									
10		10.2	111404	1	pieces	10/12	55	46	111801	1	pieces
12								48			
	1/4							50			
15			111414			15/18	55	52	111809		
18	3/8							55			
22	1/2		111426			22/25	55	59	111821		
24								62			
28	3/4		111430			28/30	55	68	111829		
30								70			
35	1		111432			35/38	65	79	111835		
38								81			
42			111434			42/45	65	85	111837		
		44.5						88			
	1 1/2		111436			48	65	91	111839		
54			111438			54/57	65	98	111841		
57								101			
	2		111440			60/64	75	105	111843		
64								109			
70			111442			70	75	116	111845		
	2 1/2		111444			76/80	85	122	111847		
80								127			
	3		111446			89	100	136	111849		
		101.6	111402			102/108	100	151	111799		
108								156			
	4		111406			114	115	162	111803		
125			111408			125	115	173	111805		
		133.0	111410			133/140	115	183	111807		
	5		111412					189			
160			111416			160	115	210	111811		
	6		111418			165/168	125	216	111813		
		168.3	111420					219			
		216.0	111428			216/219	170	267	111823		
		219.1						270			

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Insulation clamps type T – Insulation thickness 32–45 mm

two-piece, with single bossed clamps with DÄMMGULAST® yellow and insulation shells, galvanised

			Insulation clamp M10 connection thread			Insulation shell type T					
Pipe outer -Ø D			Part no. complete clamp	Sales unit	Pack unit	Size [mm]	Length of shell L [mm]	Outer-Ø shell [mm]	Part no. single shell	Sales unit	Pack unit
Cooper pipe [mm]	Steel pipe [inch]	Steel pipe [mm]									
15			111527	1	pieces	15/18	75	77	111887	1	pieces
18	3/8							77			
22	1/2		111537			22/25	75	80	111895		
24								84			
28	3/4		111541			28/30	75	93	111901		
30								95			
35	1		111547			35/38	85	104	111905		
38								107			
42			111549			42/45	85	113	111909		
		44.5						116			
	1 1/2		111551			48	85	119	111911		
54			111553			54/57	85	126	111913		
57								129			
	2		111555			60/64	100	134	111915		
64								137			
70			111557			70	100	144	111917		
	2 1/2		111559			76/80	115	152	111919		
80								156			
	3		111560			89	125	167	111921		
		101.6	111515			102/108	125	182	111879		
108								188			
	4		111519			114	145	196	111881		
125			111521			125	145	207	111883		
		133.0	111523			133/140	145	219	111885		
	5		111525					225			
160			111529			160	145	248	111889		
	6		111531			165/168	165	254	111891		
		168.3	111533					257			
		200.0	111535			204	215	305	111893		
		216.0	111539			216/219	215	317	111897		
		219.1						320			
		267.0	111543			267/273	215	368	111903		
		273.0	111545					374			



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