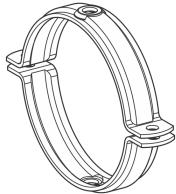


Stabil D



Page 4-4

Stabil D-A



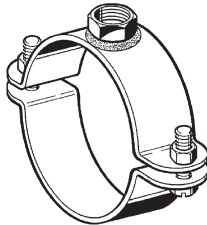
Page 4-6

Stabil D-3G



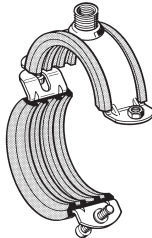
Page 4-7

Stabil D-M16



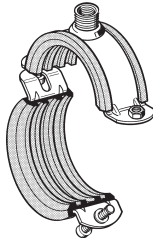
Page 4-9

Stabil D-3G w/ Lining



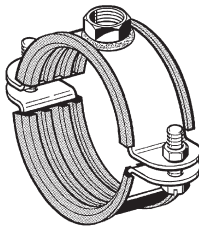
Page 4-10

Stabil D-3G w/ Silicone Lining



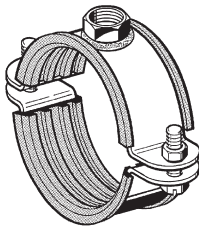
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Stabil D-M16 w/ Lining



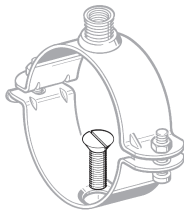
Page 4-14

Stabil D-M16 w/ Silicone Lining



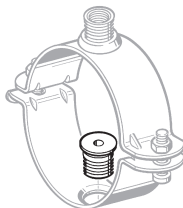
Page 4-15

Countersink Screw SCR



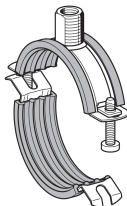
Page 4-16

Triple-Thread Connector NT 3G



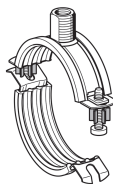
Page 4-16

Ratio S



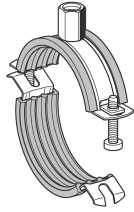
Page 4-17

Ratio S-K for Plastic Pipes



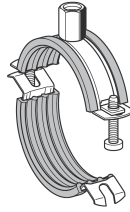
Page 4-19

Ratio LS



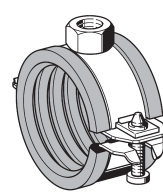
Page 4-21

Ratio LS Silicone



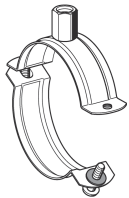
Page 4-22

Ratio S M8



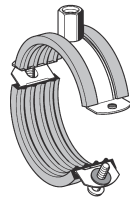
Page 4-23

Duo Clamp SRS



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Duo Clamp SRS with Lining



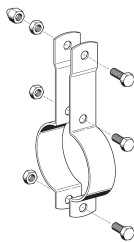
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Stabil RB-A



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Stabil Type C



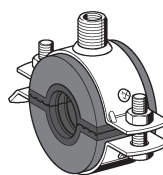
Page 4-28

Ring Bolt SCR



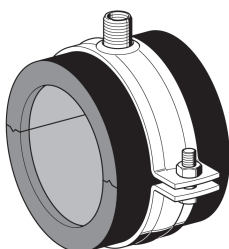
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Chilled Water Clamp SKS Top-2C



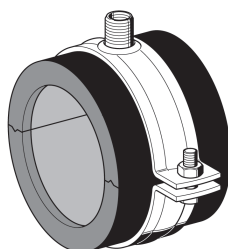
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Chilled Water Clamp LKS H / M



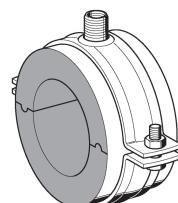
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Chilled Water Clamp LKS T



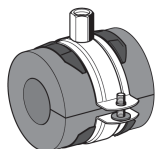
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Chilled Water Clamp CMP



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Chilled Water Clamp AKS



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Load Plate



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Pipe Loop RSL N



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Pipe Loop RSL Praktica S



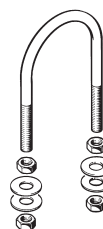
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Pipe Loop RSL N Silicone



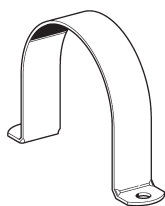
Page 4-43

U Bolt RUB



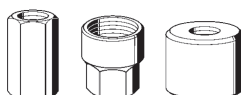
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U Clamp RUC



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Adapter AD f/f



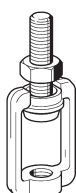
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Height Adjuster HRS 0

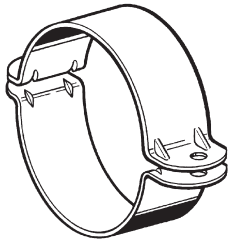


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Height Adjuster HRS P



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15 - 72 mm

Stabil D

Group: 1239

Application

For the installation of pipes required for all M&E services in industrial, residential and public buildings.

Scope of delivery

Two parts pipe clamp without clamping bolts and nuts. For suitable clamping bolts, see chapter "Fixings and Fastenings".

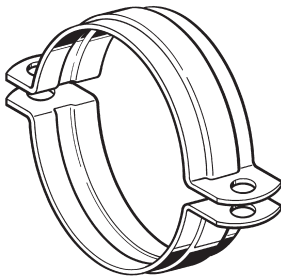
Technical Data

Size [mm]	Working load (tension)
15 - 72	4.0 kN
76 - 129	5.0 kN
133 - 173	8.0 kN
176 - 303	12.5 kN
316 - 521	15.0 kN

Material: Steel, electro-galvanised

Approvals

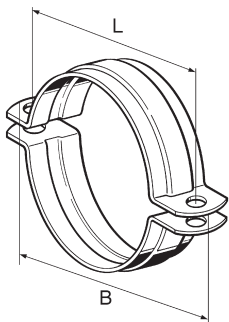
FM-Approval



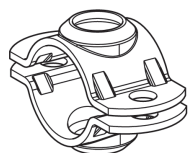
76 - 303 mm



324 - 521 mm



Size range [mm]	NB	Material W x th [mm]	Recommended clamping bolts	B [mm]	L [mm]	W [kg]	Quantity [pack]	Part number
15 - 19	3/8"	25 x 3.0	M8 x 25	64	42	0.07	50	107732
20 - 24	1/2"	25 x 3.0	M8 x 25	69	47	0.08	50	107741
25 - 30	3/4"	25 x 3.0	M8 x 25	75	53	0.08	50	107750
31 - 35	1"	30 x 3.0	M8 x 25	80	58	0.11	50	106786
40 - 45	1 1/4"	30 x 3.0	M8 x 25	90	68	0.13	50	106795
48 - 53	1 1/2"	30 x 3.0	M8 x 25	98	76	0.14	50	106801
54 - 59		30 x 3.0	M8 x 25	104	82	0.16	50	106810
60 - 65	2"	30 x 3.0	M8 x 25	110	88	0.18	50	106829
67 - 72		30 x 3.0	M8 x 25	117	95	0.19	50	106838
76 - 81	2 1/2"	30 x 3.0	M10 x 30	141	114	0.22	25	106847
82 - 87		30 x 3.0	M10 x 30	147	120	0.23	25	106856
88 - 93	3"	30 x 3.0	M10 x 30	153	126	0.25	25	106865
102 - 108		30 x 3.0	M10 x 30	168	141	0.28	25	106874
110 - 116	4"	30 x 3.0	M10 x 30	176	149	0.30	25	106883
124 - 129		30 x 3.0	M10 x 30	189	162	0.32	25	106892
133 - 140		40 x 4.0	M12 x 40	210	178	0.66	10	106908
140 - 148	5"	40 x 4.0	M12 x 40	218	186	0.66	10	115876
149 - 155		40 x 4.0	M12 x 40	225	193	0.72	10	106917
159 - 165		40 x 4.0	M12 x 40	235	203	0.72	10	106926
167 - 173	6"	40 x 4.0	M12 x 40	243	211	0.76	10	106935
176 - 184		40 x 4.0	M16 x 45	271	239	0.83	10	106944
188 - 194		40 x 4.0	M16 x 45	281	249	0.84	10	106953
199 - 205		40 x 4.0	M16 x 45	292	260	0.89	10	106962
207 - 216		40 x 4.0	M16 x 45	303	271	0.36	10	150891
219 - 225	8"	40 x 4.0	M16 x 45	312	280	0.96	10	106971
244 - 250		40 x 4.0	M16 x 45	337	305	1.07	10	107510
267 - 273	10"	40 x 4.0	M16 x 45	359	327	1.13	10	106980
278 - 284		40 x 4.0	M16 x 45	370	338	1.20	10	106999
297 - 303		40 x 4.0	M16 x 45	389	357	1.27	10	107006
316 - 324	324	50 x 5.0	M16 x 60	440	390	2.10	1	103701
348 - 356	356	50 x 5.0	M16 x 60	471	421	2.53	1	103729
360 - 368	368	50 x 5.0	M16 x 60	482	432	2.54	1	103747
399 - 407	407	50 x 5.0	M16 x 60	520	470	2.88	1	103765
411 - 419	419	70 x 6.0	M16 x 60	532	482	4.84	1	103783
500 - 508	508	70 x 6.0	M16 x 60	619	569	5.78	1	103808
513 - 521	521	70 x 6.0	M16 x 60	631	581	5.67	1	103826



31 - 72 mm

Stabil D-A

Group: 1239

Application

For installation of pipes required for all M&E services in industrial, residential and public buildings. In combination with Triple Thread Connector NT 3G the suspension of pipe clamps up to dia. 303 mm is possible.

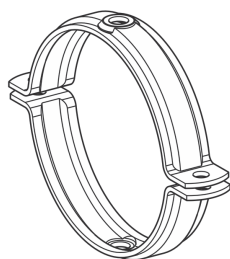
Scope of delivery

Two parts pipe clamp without clamping bolts and nuts. For suitable clamping bolts, see chapter "Fixings and Fastenings".

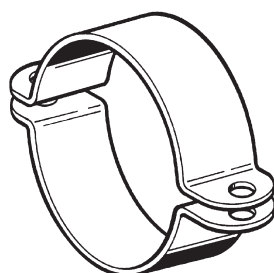
Technical Data

Size [mm]	Working load (tension)
31 - 72	4,0 kN
76 - 129	5,0 kN
133 - 303	10,0 kN
316 - 521	12,5 kN

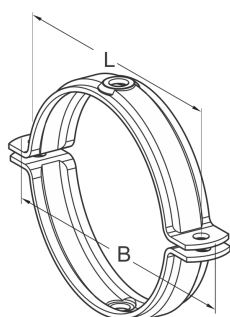
Material: Steel, electro-galvanised



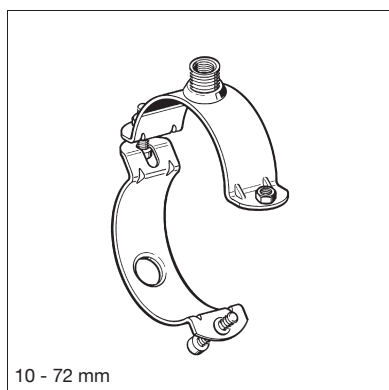
76 - 303 mm



324 - 521 mm



Size range [mm]	NB	Material W x th [mm]	Recommended clamping bolts	B [mm]	L [mm]	W [kg]	Quantity [pack]	Part number
31 - 35	1"	30 x 2.5	M8 x 20	70.5	52.5	0.09	50	113367
40 - 45	1 1/4"	30 x 2.5	M8 x 20	82	64	0.10	50	113368
48 - 53	1 1/2"	30 x 2.5	M8 x 20	90.5	72.5	0.14	50	113369
54 - 59		30 x 2.5	M8 x 20	101	83	0.16	50	113370
60 - 65	2"	30 x 2.5	M8 x 20	108	90	0.18	50	113371
67 - 72		30 x 2.5	M8 x 20	114	96	0.19	50	113372
76 - 81	2 1/2"	30 x 3.0	M10 x 30	137	115	0.22	25	113373
82 - 87		30 x 3.0	M10 x 30	143	121	0.23	25	113374
88 - 93	3"	30 x 3.0	M10 x 30	149	127	0.25	25	113375
102 - 108		30 x 3.0	M10 x 30	163	141	0.28	25	113376
110 - 116	4"	30 x 3.0	M10 x 30	171	149	0.30	25	113377
124 - 129		30 x 3.0	M10 x 30	184	162	0.32	25	113378
133 - 140		40 x 4.0	M12 x 40	210	181	0.65	10	113379
140 - 148	5"	40 x 4.0	M12 x 40	218	189	0.66	10	113380
149 - 155		40 x 4.0	M12 x 40	225	196	0.72	10	113381
159 - 165		40 x 4.0	M12 x 40	235	206	0.72	10	113382
167 - 173	6"	40 x 4.0	M12 x 40	243	214	0.76	10	113383
176 - 184		40 x 4.0	M12 x 45	255	226	0.83	10	113384
188 - 194		40 x 4.0	M12 x 45	265	236	0.84	10	113385
199 - 205		40 x 4.0	M12 x 45	276	247	0.89	10	113386
207 - 216		40 x 4.0	M12 x 45	287	258	0.93	10	113387
219 - 225	8"	40 x 4.0	M12 x 45	296	267	0.96	10	113388
244 - 250		40 x 4.0	M12 x 45	321	292	1.02	10	113389
267 - 273	10"	40 x 4.0	M12 x 45	344	315	1.16	10	113390
278 - 284		40 x 4.0	M12 x 45	355	326	1.20	10	113391
297 - 303		40 x 4.0	M12 x 45	374	345	1.27	10	113392
316 - 324	324	50 x 5.0	M16 x 60	440	390	2.10	1	103701
348 - 356	356	50 x 5.0	M16 x 60	471	421	2.53	1	103729
360 - 368	368	50 x 5.0	M16 x 60	482	432	2.54	1	103747
399 - 407	407	50 x 5.0	M16 x 60	520	470	2.88	1	103765
411 - 419	419	70 x 6.0	M16 x 60	532	482	4.84	1	103783
500 - 508	508	70 x 6.0	M16 x 60	619	569	5.78	1	103808
513 - 521	521	70 x 6.0	M16 x 60	631	581	5.67	1	103826



Stabil D-3G

Group: 1240

Application

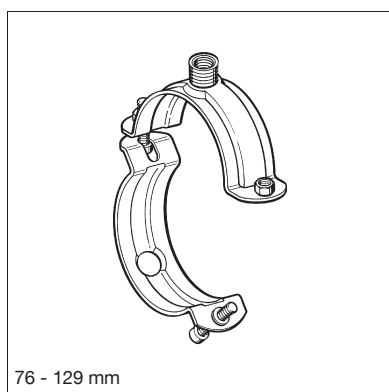
For installation of pipes required for all M&E services in industrial, residential and public buildings.

Scope of delivery

Sizes 15 to 129 mm are equipped with welded nuts for the clamping bolts. On the joint side, the clamping bolt is pre-assembled; the clamping bolt on the opposite side is mounted into the bore hole and retained by a plastic washer, thus preventing any accidental unscrewing.

For sizes 133 and larger the clamping bolts and the required nuts are supplied in loose form.

With welded in 3G triple thread nut; without sound absorption lining. For further adapter-based connection options via the external thread of the 3G triple thread nut, see product "Adapter AD f/f" (this chapter).



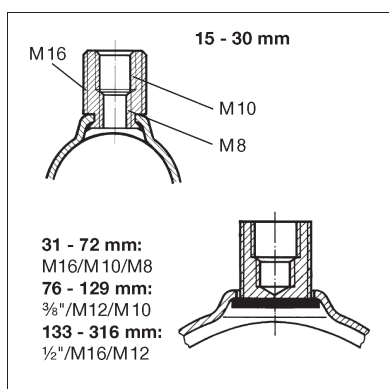
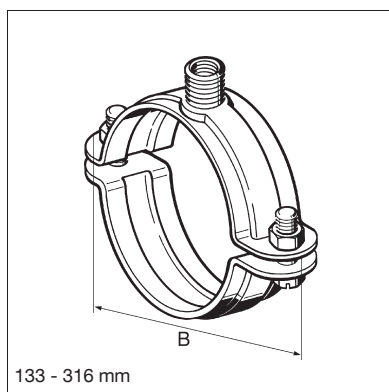
Technical Data

Size [mm]	Working load (tension)
15 - 72	4.0 kN
76 - 129	5.0 kN
133 - 173	8.0 kN
176 - 316	12.5 kN

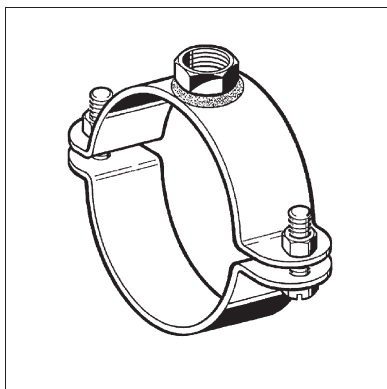
Material: Steel, electro-galvanised

Approvals

VdS-Approval No. G4920027, * = FM Approval (another pipe clamp with FM Approval is: Stabil D-M16)



Size range [mm]	NB	Material W x th [mm]	Thread connection	B [mm]	W [kg]	Quantity [pack]	Part number
15 - 19	3/8"	25 x 2.0	M16/M10/M8	57	0.07	50	107705
20 - 24	1/2"	25 x 2.0	M16/M10/M8	62	0.08	50	107714
25 - 30	3/4"	25 x 2.0	M16/M10/M8	68	0.08	50	107723
31 - 35 *	1"	30 x 2.5	M16/M10/M8	75	0.12	50	107015
40 - 45 *	1 1/4"	30 x 2.5	M16/M10/M8	85	0.13	50	107024
48 - 53 *	1 1/2"	30 x 2.5	M16/M10/M8	93	0.15	50	107033
54 - 59		30 x 2.5	M16/M10/M8	101	0.16	50	107042
60 - 65 *	2"	30 x 2.5	M16/M10/M8	108	0.17	50	107051
67 - 72		30 x 2.5	M16/M10/M8	114	0.18	50	107060
76 - 81 *	2 1/2"	30 x 3.0	3/8"/M12/M10	144	0.28	25	107079
82 - 87		30 x 3.0	3/8"/M12/M10	150	0.29	25	107088
88 - 93 *	3"	30 x 3.0	3/8"/M12/M10	156	0.31	25	107097
102 - 108		30 x 3.0	3/8"/M12/M10	170	0.34	25	107103
110 - 116 *	4"	30 x 3.0	3/8"/M12/M10	178	0.36	25	107112
124 - 129		30 x 3.0	3/8"/M12/M10	191	0.39	25	107121
133 - 140		40 x 4.0	1/2"/M16/M12	210	0.74	10	107130
140 - 148 *	5"	40 x 4.0	1/2"/M16/M12	218	0.76	10	115885
149 - 155		40 x 4.0	1/2"/M16/M12	225	0.81	10	107149
159 - 165		40 x 4.0	1/2"/M16/M12	235	0.82	10	107158
167 - 173 *	6"	40 x 4.0	1/2"/M16/M12	243	0.85	10	107167
176 - 184		40 x 4.0	1/2"/M16/M12	255	0.95	10	107176
188 - 194		40 x 4.0	1/2"/M16/M12	265	0.98	10	107185
199 - 205		40 x 4.0	1/2"/M16/M12	276	1.03	10	107194
207 - 216		40 x 4.0	1/2"/M16/M12	287	1.07	10	148939
219 - 225	8"	40 x 4.0	1/2"/M16/M12	296	1.11	10	107200
244 - 250		40 x 4.0	1/2"/M16/M12	321	1.23	10	107219
267 - 273	10"	40 x 4.0	1/2"/M16/M12	344	1.25	10	107228
278 - 284		40 x 4.0	1/2"/M16/M12	355	1.35	10	107237
297 - 303		40 x 4.0	1/2"/M16/M12	374	1.42	10	107246
310 - 316		40 x 4.0	1/2"/M16/M12	387	1.47	10	147600



Stabil D-M16

Group: 1232

Application

For installation of pipes required for M&E services and in plant construction.

Scope of delivery

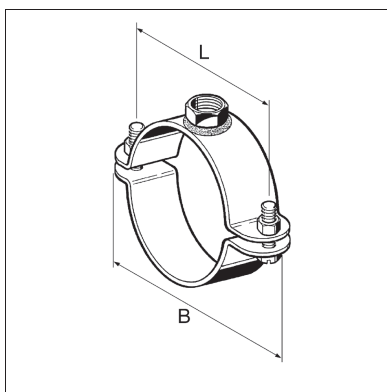
With welded M16 nut; clamping bolts and nuts included in loose form. Other welded nuts (e.g. M20) or inch sockets available on request.

Technical Data

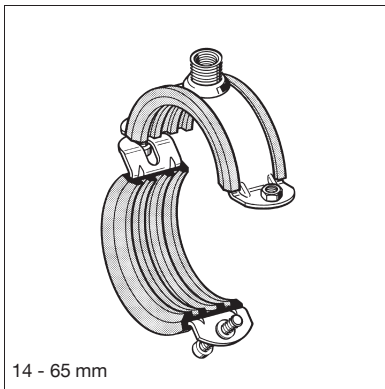
Material: Steel, electro-galvanised

Approvals

FM-Approval for DN 218 - 277



Size range [mm]	Material [mm]	Clamping bolts	B [mm]	L [mm]	W [kg]	Quantity [pack]	Part number
218 - 227	40 x 4	M12 x 40	301	275	1.18	10	118772
271 - 277	40 x 4	M12 x 40	351	325	1.42	10	118198
316 - 326	50 x 5	M16 x 60	440	390	2.60	1	103844
348 - 356	50 x 5	M16 x 60	471	421	2.48	1	103862
360 - 368	50 x 5	M16 x 60	483	431	2.99	1	103871
399 - 407	50 x 5	M16 x 60	520	470	2.95	1	103905
411 - 419	70 x 6	M16 x 60	532	482	5.12	1	103914
500 - 508	70 x 6	M16 x 60	619	569	6.06	1	103941
513 - 521	70 x 6	M16 x 60	631	581	6.34	1	103950



Stabil D-3G w/ Lining

Group: 1241

Application

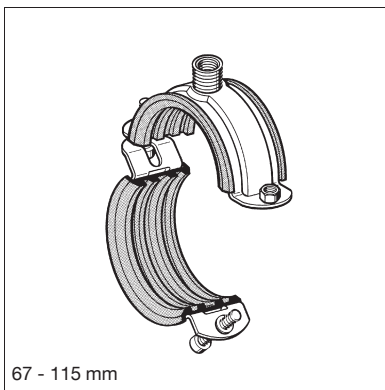
For soundproof installation of pipes required for all M&E services in industrial, residential and public buildings.

Scope of delivery

Sizes 14 to 115 mm are equipped with welded nuts for the clamping bolts. On the joint side, the clamping bolt is pre-assembled; the clamping bolt on the opposite side is mounted into the bore hole and retained by a plastic washer, thus preventing any accidental unscrewing.

For sizes 124 and larger the clamping bolts and the required nuts are supplied in loose form.

With welded 3G triple thread nut; galvanised; with sound absorption lining. For further adapter-based connection options via the external thread of the 3G triple thread nut, see product "Adapter AD f/f" (this chapter).



Technical Data

Size [mm]	Working load (tension)	Tightening torque [Nm]
14 - 23	1.8 kN	2
24 - 115	2.0 kN	3
124 - 162	2.9 kN	5
165 - 318	8.0 kN	10

The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Perm. load $FZ_{perm,fi}$ in case of fire

Size range [mm]	FWD 30 [N]	FWD 60 [N]	FWD 90 [N]	FWD 120 [N]	Deformation δ_{max} [mm]	Thread $\geq$
14 - 23	380	200	140	-	49	M10
24 - 65	500	250	170	120	44	M10
67 - 115	1000	650	500	400	96	M10
124 - 162	2200	1200	850	600	96	M12
165 - 305	2400	1400	1000	850	104	M12

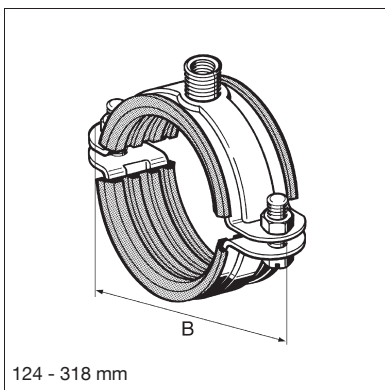
Material:

Metal components:

Steel, electro-galvanised

Sound absorption lining:

SBR/EPDM sticked in (black) - (see chapter "Sound Absorption Products")

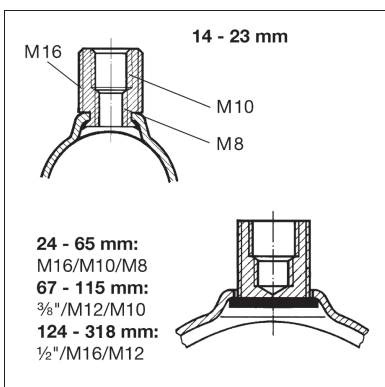


Approvals

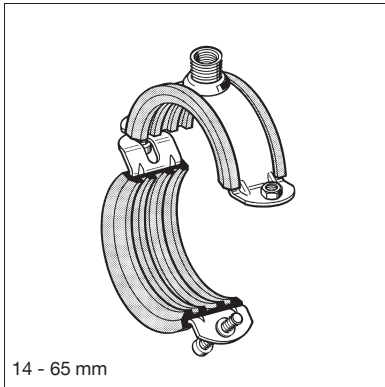


This product has been awarded the RAL quality mark "pipe supports" and "fire-tested pipe supports" and is subject to continuous external monitoring according to RAL GZ-655.

* = no RAL quality mark



Size range [mm]	NB	Material W x th [mm]	Thread connection	B [mm]	W [kg]	Quantity [pack]	Part number
14 - 18	3/8"	25 x 2.0	M16/M10/M8	62	0.08	50	107680
19 - 23	1/2"	25 x 2.0	M16/M10/M8	68	0.09	50	107699
24 - 28	3/4"	30 x 2.5	M16/M10/M8	75	0.12	50	107255
29 - 33	1"	30 x 2.5	M16/M10/M8	81	0.14	50	107264
33 - 37		30 x 2.5	M16/M10/M8	85	0.15	50	107273
40 - 45	1 1/4"	30 x 2.5	M16/M10/M8	93	0.17	50	107282
47 - 52	1 1/2"	30 x 2.5	M16/M10/M8	104	0.19	50	107291
53 - 58		30 x 2.5	M16/M10/M8	110	0.19	50	107307
60 - 65	2"	30 x 2.5	M16/M10/M8	117	0.21	50	107316
67 - 72		30 x 3.0	3/8"/M12/M10	144	0.30	25	107325
73 - 78	2 1/2"	30 x 3.0	3/8"/M12/M10	150	0.31	25	107334
79 - 85		30 x 3.0	3/8"/M12/M10	156	0.33	25	107343
88 - 93	3"	30 x 3.0	3/8"/M12/M10	164	0.36	25	107352
100 - 106		30 x 3.0	3/8"/M12/M10	178	0.39	25	107361
108 - 115	4"	30 x 3.0	3/8"/M12/M10	187	0.42	25	107370
124 - 129		40 x 4.0	1/2"/M16/M12	210	0.89	10	107389
131 - 137		40 x 4.0	1/2"/M16/M12	218	0.93	10	107398
138 - 144	5"	40 x 4.0	1/2"/M16/M12	225	0.96	10	107404
148 - 154		40 x 4.0	1/2"/M16/M12	235	1.00	10	107413
156 - 162		40 x 4.0	1/2"/M16/M12	243	1.05	10	107422
165 - 171	6"	40 x 4.0	1/2"/M16/M12	255	1.18	10	107431
177 - 183		40 x 4.0	1/2"/M16/M12	265	1.23	10	107440
188 - 194		40 x 4.0	1/2"/M16/M12	276	1.25	10	107459
196 - 203		40 x 4.0	1/2"/M16/M12	287	1.32	10	148911
205 - 214		40 x 4.0	1/2"/M16/M12	296	1.35	10	148920
219 - 225	8"	40 x 4.0	1/2"/M16/M12	307	1.41	10	107468
244 - 250		40 x 4.0	1/2"/M16/M12	332	1.55	10	107477
267 - 273	10"	40 x 4.0	1/2"/M16/M12	355	1.62	10	107486
278 - 284		40 x 4.0	1/2"/M16/M12	366	1.67	10	112718
299 - 305		40 x 4.0	1/2"/M16/M12	387	1.80	10	107495
307 - 318 *		40 x 4.0	1/2"/M16/M12	400	1.95	10	189974



Stabil D-3G w/ Silicone Lining

Group: 1242

Application

For soundproof installation of pipes required for all M&E services in industrial, residential and public buildings (as per DIN 4109).

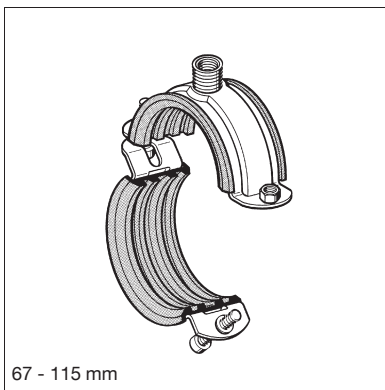
Scope of delivery

Sizes 14 to 115 mm are equipped with welded nuts for the clamping bolts. On the joint side, the clamping bolt is pre-assembled; the clamping bolt on the opposite side is mounted into the bore hole and retained by a plastic washer, thus preventing any accidental unscrewing.

For sizes 124 mm and larger the clamping bolts and the required nuts are supplied in loose form.

With welded 3G triple thread nut; with silicone sound absorption lining. Sizes $\frac{3}{8}$ " and $\frac{1}{2}$ " : the silicone lining is only included in the pack, not fitted into the clamps.

For further adapter-based connection options via the external thread of the 3G triple thread, see product "Adapter AD f/f" (this chapter).



Technical Data

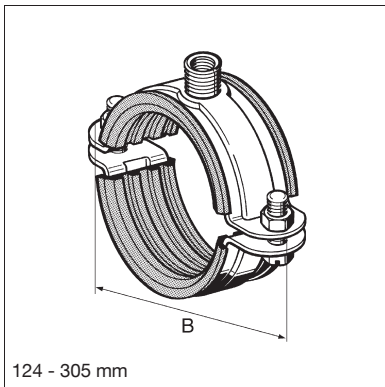
Size [mm]	Working load (tension)	Tightening torque [Nm]
14 - 23	1.8 kN	2
24 - 115	2.0 kN	3
124 - 162	2.9 kN	5
165 - 305	8.0 kN	10

The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Material:

Metal components: Steel, electro-galvanised

Sound absorption lining: Silicone (see chapter "Sound Absorption Products").

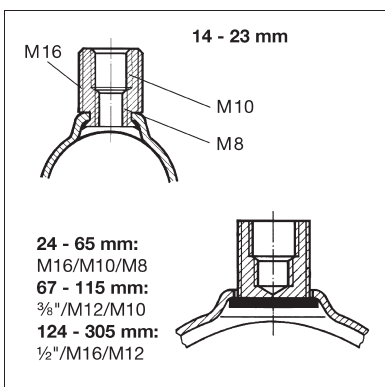


Approvals

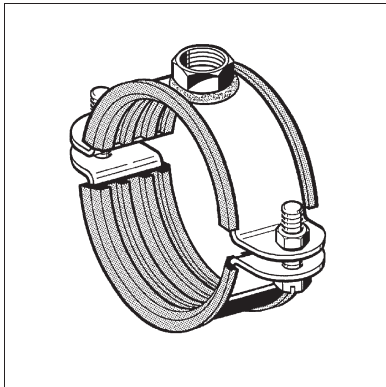
VdS Approval No. G4950064



This product has been awarded the RAL quality marks "pipe supports" and "fire-tested pipe supports" and is subject to continuous external monitoring according to RAL GZ-655.



Size range [mm]	NB	Material W x th [mm]	Thread connection	B [mm]	W [kg]	Quantity [pack]	Part number
14 - 18	3/8"	25 x 2.0	M16/M10/M8	62	0.08	50	108070
19 - 23	1/2"	25 x 2.0	M16/M10/M8	68	0.09	50	108089
24 - 28	3/4"	30 x 2.5	M16/M10/M8	75	0.13	50	108098
29 - 33	1"	30 x 2.5	M16/M10/M8	81	0.14	50	108104
33 - 37		30 x 2.5	M16/M10/M8	85	0.15	50	108113
40 - 45	1 1/4"	30 x 2.5	M16/M10/M8	93	0.16	50	108122
47 - 52	1 1/2"	30 x 2.5	M16/M10/M8	104	0.19	50	108131
53 - 58		30 x 2.5	M16/M10/M8	110	0.20	50	108140
60 - 65	2"	30 x 2.5	M16/M10/M8	117	0.21	50	108159
67 - 72		30 x 3.0	3/8"/M12/M10	144	0.31	25	108168
73 - 78	2 1/2"	30 x 3.0	3/8"/M12/M10	150	0.33	25	108177
79 - 85		30 x 3.0	3/8"/M12/M10	156	0.32	25	108186
88 - 93	3"	30 x 3.0	3/8"/M12/M10	164	0.37	25	108195
100 - 106		30 x 3.0	3/8"/M12/M10	178	0.40	25	108201
108 - 115	4"	30 x 3.0	3/8"/M12/M10	187	0.43	25	108210
124 - 129		40 x 4.0	1/2"/M16/M12	210	0.87	10	108229
131 - 137		40 x 4.0	1/2"/M16/M12	218	0.91	10	108238
138 - 144	5"	40 x 4.0	1/2"/M16/M12	225	0.94	10	108274
148 - 154		40 x 4.0	1/2"/M16/M12	235	1.00	10	108283
156 - 162		40 x 4.0	1/2"/M16/M12	243	1.05	10	108292
165 - 171	6"	40 x 4.0	1/2"/M16/M12	255	1.14	10	108308
177 - 183		40 x 4.0	1/2"/M16/M12	265	1.18	10	108317
188 - 194		40 x 4.0	1/2"/M16/M12	276	1.23	10	108326
196 - 203		40 x 4.0	1/2"/M16/M12	287	1.30	10	154947
205 - 214		40 x 4.0	1/2"/M16/M12	296	1.40	10	149879
219 - 225	8"	40 x 4.0	1/2"/M16/M12	307	1.40	10	108335
244 - 250		40 x 4.0	1/2"/M16/M12	332	1.51	10	108344
267 - 273	10"	40 x 4.0	1/2"/M16/M12	355	1.71	10	108353
299 - 305		40 x 4.0	1/2"/M16/M12	387	1.79	10	108362



Stabil D-M16 w/ Lining

Group: 1213

Application

For soundproof installation of pipes in M&E services and plant construction.

Scope of delivery

With sound absorption lining; with welded on M16 nut; clamping bolts and nuts included in loose form. Other welded nuts (e.g. M20) or inch sockets available on request.

Technical Data

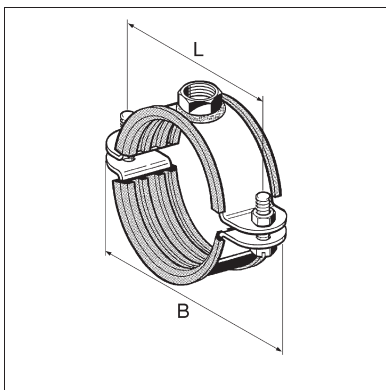
Size range [mm]	Max. adm. load (tension)	Tightening torque [Nm]
315 - 407	9 kN	20
410 - 521	15 kN	20

The max. admissible load has been determined by using statistical methods resulting from the breaking loads, observing a max. admissible deformation of 1.5 mm resp. 2 % of the max. tensible pipe dia.

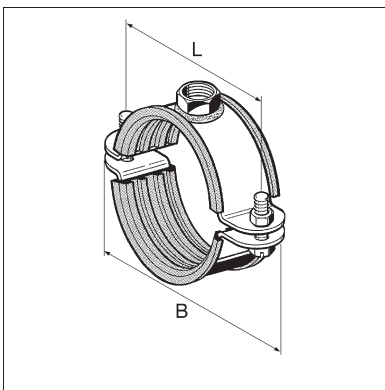
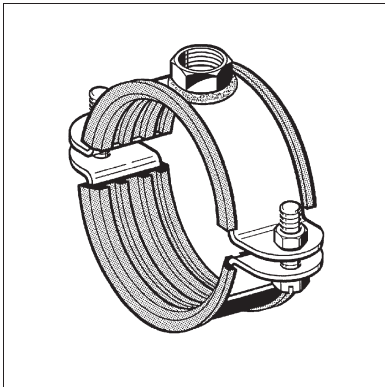
Material:

Metal components: Steel, electro-galvanised

Sound absorption lining: SBR/EPDM (black) - (see chapter "Sound Absorption Products")



Size range [mm]	Material [mm]	Clamping bolts	B [mm]	L [mm]	W [kg]	Quantity [pack]	Part number
315 - 326	50 x 5	M16 x 60	454	404	3.10	1	103987
345 - 356	50 x 5	M16 x 60	482	432	3.13	1	103996
359 - 368	50 x 5	M16 x 60	496	446	3.57	1	104003
398 - 407	50 x 5	M16 x 60	534	484	3.66	1	104012
410 - 419	70 x 6	M16 x 60	546	496	5.95	1	104021
498 - 508	70 x 6	M16 x 60	631	581	6.97	1	104030
512 - 521	70 x 6	M16 x 60	645	595	7.43	1	104049



Stabil D-M16 w/ Silicone Lining

Group: 1214

Application

For soundproof installation of pipes in M&E services and plant construction (as per DIN 4109).

Scope of delivery

With silicone sound absorption lining (red); with welded on M16 nut; clamping bolts and nuts included in loose form. Other welded nuts (e.g. M20) or inch sockets available on request.

Technical Data

Size range [mm]	Max. adm. load tension)	Tightening torque [Nm]
315 - 407	9 kN	20
410 - 521	15 kN	20

The max. admissible load has been determined by using statistical methods resulting from the breaking loads, observing a max. admissible deformation of 1.5 mm resp. 2 % of the max. tensible pipe dia.

Material:

Metal components: Steel, electro-galvanised

Sound absorption lining: Silicone (see chapter "Sound Absorption Products")

Approvals

VdS Approval No. G4920027, FM Approval

Size range [mm]	Material [mm]	Clamping bolts	B [mm]	L [mm]	W [kg]	Quantity [pack]	Part number
315 - 324	50 x 5	M16 x 60	454	404	3.08	1	146007
345 - 356	50 x 5	M16 x 60	482	432	3.13	1	146016
359 - 368	50 x 5	M16 x 60	496	446	3.57	1	146025
398 - 407	50 x 5	M16 x 60	534	484	3.66	1	146034



Countersink Screw SCR

Group: 1333

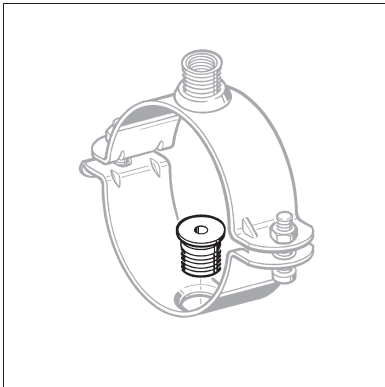
Application

Connection element for Stabil D-3G Pipe Clamps sizes $\frac{3}{8}$ " up to $\frac{3}{4}$ " (with sound absorption lining up to $\frac{1}{2}$ ") for suspending pipe clamps underneath one another.

Technical Data

Material: Steel, electro-galvanised

Type	W [kg]	Quantity [pack]	Part number
M8 x 20	0.01	100	114097



Triple-Thread Connector NT 3G

Group: 1333

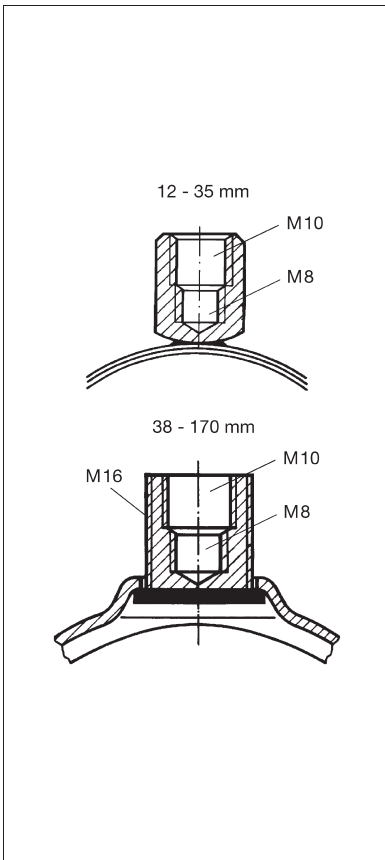
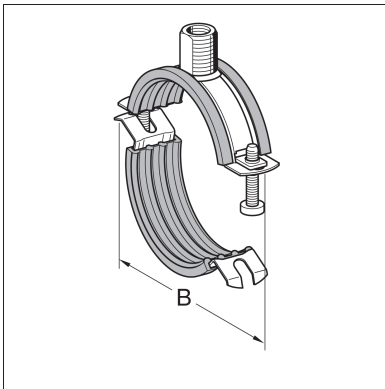
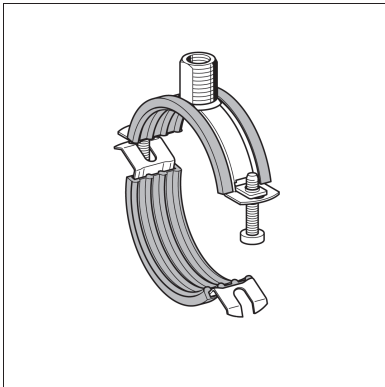
Application

Connecting element for Sikla Stabil D-3G Pipe Clamps larger than 31 mm (with sound absorption lining larger than 24 mm) and Stabil D-A up to 303 mm for suspending pipe clamps underneath one another.

Technical Data

Material: Steel, electro-galvanised

Type	W [kg]	Quantity [pack]	Part number
M16/M10/M8	0.02	50	146326



Ratio S

Group: 1231

Application

Suitable for installing pipe systems required for all M&E services. For connection options without adapter, see drawing. With Adapter: M12, M16, R 1/2", R 3/4", R 1".

Designed for soundproof ceiling, floor and wall mounting.

With stucked interlocking lining, which prevents from accidental loss of lining and allows easy turning and slipping of the pipe during assembly.

Scope of delivery

Two-piece pipe clamp pre-assembled on one side.

With patented quick-set clip on its open side. With 3G triple thread nut. Sizes 1/4" - 1" also available with 2G nut as per drawing.

Technical Data

Size [mm]	Max. perm. working load (tension)	Tightening torque [Nm]
12 - 35	1.0 kN	2
38 - 90	1.5 kN	2
108 - 170	2.2 kN	3

The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Perm. load $FZ_{perm,fi}$ in case of fire

Size range [mm]	FWD 30 [N]	FWD 60 [N]	FWD 90 [N]	FWD 120 [N]	Deformation δ_{max} [mm]	Thread $\geq$
12 - 35	270	80	20	-	42	M10
38 - 80	450	140	70	40	41	M10
83 - 90	460	170	80	30	45	M10
108 - 170	570	310	200	150	62	M10

Material:

Clamp:
Sound absorption lining:

Cold-worked steel, electro-galvanised
SBR/EPDM, black (see chapter "Sound Absorption Products")

Sound Absorption:

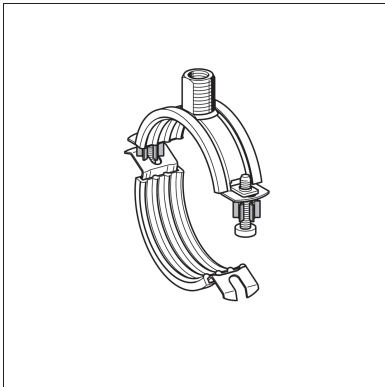
up to 18 dB(A)

Approvals



This product has been awarded the RAL quality marks "pipe supports" and "fire-tested pipe supports" and is subject to continuous external monitoring according to RAL GZ-655.

Size range [mm]	NB	Material [mm]	B [mm]	W [kg]	Quantity [pack]	Part number
12 - 20	1/4" - 3/8"	20 x 1.5	55	0.06	100	154804
21 - 27	1/2" - 3/4"	20 x 1.5	61	0.07	100	154813
28 - 35	1"	20 x 1.5	71	0.07	100	154822
38 - 45	1 1/4"	20 x 1.5	82	0.09	50	154831
48 - 56	1 1/2"	20 x 1.5	93	0.09	50	154840
57 - 63	2"	20 x 1.5	104	0.11	50	154859
64 - 71		20 x 1.5	112	0.12	25	154868
73 - 80	2 1/2"	20 x 1.5	121	0.13	25	154877
83 - 90	3"	25 x 2.0	141	0.22	25	154886
108 - 114	4"	30 x 2.0	170	0.33	25	154895
116 - 125		30 x 2.0	179	0.36	25	154901
127 - 135		30 x 2.0	190	0.38	25	154910
140 - 146	5"	30 x 2.0	205	0.40	25	154929
159 - 170	6"	30 x 2.0	230	0.46	25	154938



Ratio S-K for Plastic Pipes

Group: 1235

Application

Two-piece clamp with quick-set clip and special lining for installing coated and uncoated plastic pipes of DIN and ANSI standard. No diffusion of plasticisers from the lining material into the plastic pipe. For ceiling, floor and wall mounting. Connections without adapter: M8, M10. Connections with Adapter (see this chapter): M12, M16, R 1/2", R 3/4" and R 1".

Up to size 110 equipped with spacers which allow sliding. To stop sliding, the spacers can be detached. For sliding installations from 4" on, we recommend the use of Pipe Clamp Stabil D-3G with Slide Set or Slide Element.

Scope of delivery

Two-piece pipe clamp pre-assembled on one side. With patented quick-set clip on its open side.

Sizes 40 and larger have a 3G triple thread nut which is inserted and welded. Up to size 110 supplied with spacers.

Technical Data

Size [mm]	Max. perm. working load (tension)
16 - 75	0.65 kN
90	1.00 kN
110	1.20 kN

The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Material:

Clamp:

Cold-worked steel, electro-galvanised,

Spacers:

Polypropylene (PP)

Lining:

Rubber Profile:

SBR/EPDM, beige

Temperature range:

-50°C up to +110°C

Hardness:

55+ / -5° Shore

Fire resistance:

Material Category B2 (DIN 4102), non-dripping

Tear strength:

600 N/cm²

Breaking elongation:

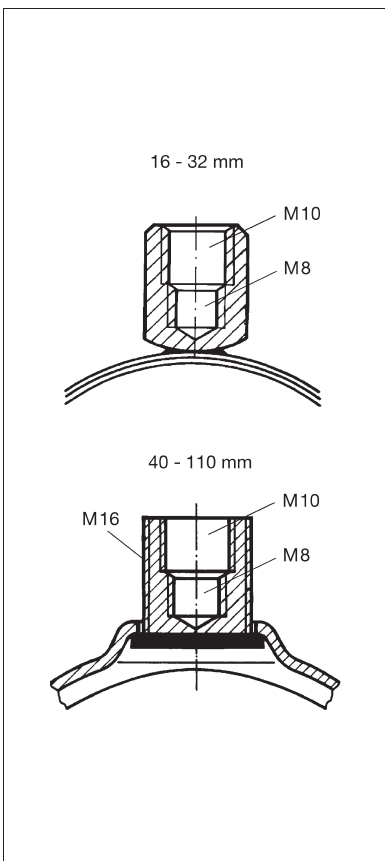
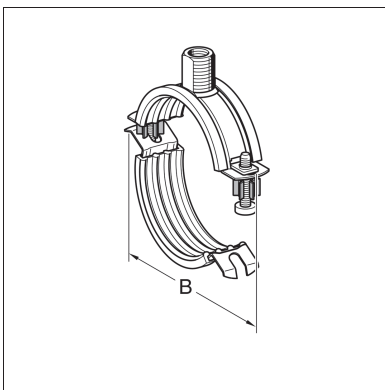
450 %

Impact absorption:

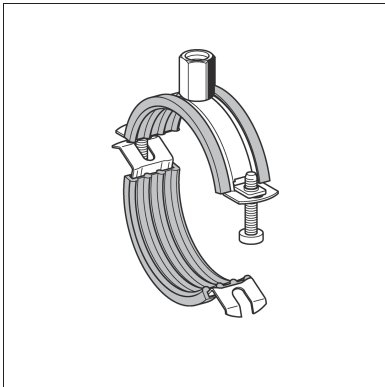
45 %

Durability:

Weatherproof, ageing and ozone- resistant (DIN 53508 and DIN 53509)



Plastic pipe OD [mm]	Material W x th [mm]	Thread connection	B [mm]	W [kg]	Quantity [pack]	Part number
16	20 x 1.5	M10/M8	55	0.06	100	148771
20	20 x 1.5	M10/M8	61	0.07	100	148780
25	20 x 1.5	M10/M8	61	0.07	100	148799
32	20 x 1.5	M10/M8	71	0.07	100	148805
40	20 x 1.5	M16/M10/M8	82	0.09	50	148814
50	20 x 1.5	M16/M10/M8	93	0.10	50	148823
56	20 x 1.5	M16/M10/M8	104	0.11	50	148832
63	20 x 1.5	M16/M10/M8	112	0.11	50	148841
75	20 x 1.5	M16/M10/M8	121	0.13	25	148850
90	25 x 2.0	M16/M10/M8	141	0.22	25	155993
110	30 x 2.0	M16/M10/M8	170	0.33	25	156000
160	30 x 2.0	M16/M10/M8	230	0.42	25	167509
21.3	20 x 1.5	M10/M8	61	0.06	100	167369
26.7	20 x 1.5	M10/M8	61	0.06	100	167378
33.4	20 x 1.5	M10/M8	71	0.07	100	167387
42.2	20 x 1.5	M16/M10/M8	82	0.08	50	167396
48.3	20 x 1.5	M16/M10/M8	93	0.09	50	167402
60.3	20 x 1.5	M16/M10/M8	112	0.12	50	166915
73.0	20 x 1.5	M16/M10/M8	121	0.13	25	166924
88.9	20 x 1.5	M16/M10/M8	114	0.21	25	166933
114.3	25 x 2.0	M16/M10/M8	170	0.31	25	166942
168.3	30 x 2.0	M16/M10/M8	230	0.42	25	167411



Ratio LS

Group: 1245

Application

Two-piece pipe clamp with double threaded nut (M8/M10) for installing pipe systems for M&E services. For soundproof ceiling, floor and wall installations. With time-saving quick-set clip.

From 4" on, or when higher static loads occur, or under reversed bending stress, we recommend the use of a Stabil Pipe Clamp with lining.

Installation

After pressing together both parts of the clamp, the clamping bolt head must be located behind the angled profiles; then tighten clamping bolt (2 Nm).

Technical Data

Size [mm]	Max. perm. working load (tension)
12 - 84	0.60 kN
83 - 90	0.95 kN
108 - 114	1.15 kN

The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Perm. load $FZ_{perm,fi}$ in case of fire

Size range [mm]	FWD 30 [N]	FWD 60 [N]	FWD 90 [N]	FWD 120 [N]	Deformation δ_{max} [mm]	Thread $\geq$
12 - 84	270	120	70	40	35	M10
83 - 90	300	110	80	30	45	M10
108 - 114	510	260	170	130	46	M10

Material:

Clamp:

Steel, electro-galvanised

Spring element:

Spring steel

Sound absorption lining:

SBR/EPDM (black) (see chapter "Sound Absorption Products")

Sound absorption:

Up to 17 dB(A)

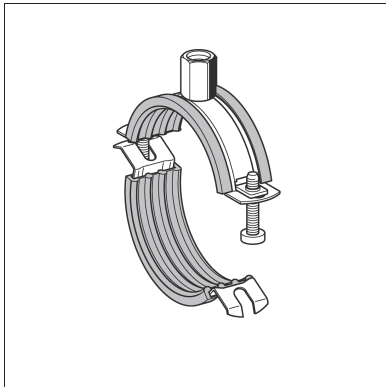
Approvals



This product has been awarded the RAL quality marks "pipe supports" and "fire-tested pipe supports" and is subject to continuous external monitoring according to RAL GZ-655.

* = no RAL quality mark "fire-tested pipe supports"

Size range [mm]	NB	Thread connections	W [kg]	Quantity [pack]	Part number
12 - 20	1/4" - 3/8"	20 x 1.5	0.05	100	157418
21 - 27	1/2" - 3/4"	20 x 1.5	0.06	100	157427
28 - 35	1"	20 x 1.5	0.07	100	157436
38 - 45	1 1/4"	20 x 1.5	0.09	50	157445
48 - 56	1 1/2"	20 x 1.5	0.09	50	157454
57 - 63	2"	20 x 1.5	0.10	50	157463
64 - 71		20 x 1.5	0.12	25	157472
74 - 84	2 1/2"	20 x 1.5	0.12	25	157481
83 - 90 *	3"	20 x 2.0	0.16	25	157490
108 - 114	4"	25 x 2.0	0.26	25	157506



Ratio LS Silicone

Group: 1244

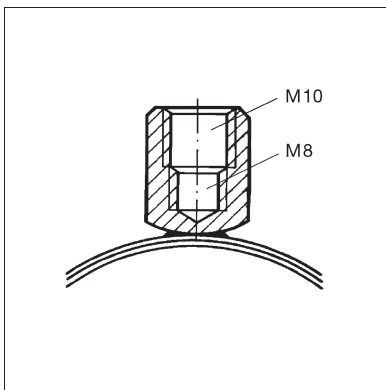
Application

Two-piece pipe clamp with double thread nut (M8/M10) for installing pipe systems for M&E services. Suitable for soundproof installation of pipes made of plastic, copper, steel (also stainless steel), mainly for high temperatures. With a time-saving quick-set clip.

From 3" on, or when higher static loads occur, or under reversed bending stress, we recommend the use of a Stabil pipe clamp with silicone lining.

Installation

After pressing together both parts of the clamp, the clamping bolt head must be located behind the angled profiles; then tighten clamping bolt (2 Nm).



Technical Data

Size [mm]	Max. perm. working load (tension)
12 - 84	0.60 kN
83 - 90	0.95 kN

The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Material:

Clamp: Steel, electro-galvanised

Spring element: Spring steel

Sound absorption lining: Silicone red (see chapter "Sound Absorption Products")

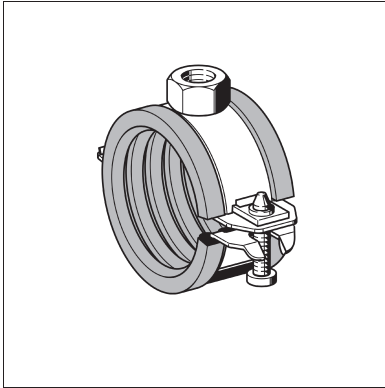
Sound absorption: Up to 16 dB(A)

Approvals



This product has been awarded the RAL quality marks "pipe supports" and "fire-tested pipe supports" and is subject to continuous external monitoring according to RAL GZ-655.

Size range [mm]	For Pipes acc. to DIN 2440	Thread connections	W [kg]	Quantity [pack]	Part number
12 - 20	1/4" - 3/8"	20 x 1.5	0.05	100	166401
21 - 27	1/2" - 3/4"	20 x 1.5	0.06	100	166410
28 - 35	1"	20 x 1.5	0.07	100	166429
38 - 45	1 1/4"	20 x 1.5	0.08	50	166438
48 - 56	1 1/2"	20 x 1.5	0.09	50	166447
57 - 63	2"	20 x 1.5	0.10	50	166456
64 - 71		20 x 1.5	0.11	25	166465
74 - 84	2 1/2"	20 x 1.5	0.12	25	166474
83 - 90	3"	20 x 2.0	0.15	25	166483



Ratio S M8

Group: 1234

Application

One-piece pipe clamp with thread connection M8 for pipes for M&E services. For soundproof wall, floor and ceiling installation (as per DIN 4109).

With time-saving quick-set clip.

Installation

After pressing together both parts of the clamp, the clamping bolt head must be located behind the angled profiles; then tighten clamping bolt (2 Nm).

Technical Data

Max. perm. working load (tension)* 0.37 kN

Material:

Clamp: Steel (20 mm x 1.0 mm), electro-galvanised

Sound absorption lining: SBR/EPDM, black (see chapter "Sound Absorption Products").
Sound absorption up to 17 dB(A)

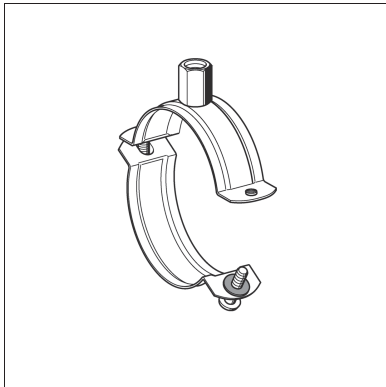
* The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Approvals



This product has been awarded the RAL quality mark "pipe supports" and is subject to continuous external monitoring according to RAL GZ-655.

Size range [mm]	NB	W [kg]	Quantity [pack]	Part number
10 - 12	10/12 mm	0.03	100	166669
13 - 16	15 mm	0.03	100	157339
17 - 19	3/8"	0.03	100	157366
20 - 24	1/2"	0.04	100	157348
25 - 30	3/4"	0.04	100	157357
31 - 38	1"	0.05	100	157320
40 - 46	1 1/4"	0.05	50	157311
48 - 51	1 1/2"	0.06	50	157302
58 - 63	2"	0.06	50	191864



Duo Clamp SRS

Group: 1223

Application

Two-piece pipe clamp with double thread connection (M8/M10) for the installation of pipelines.

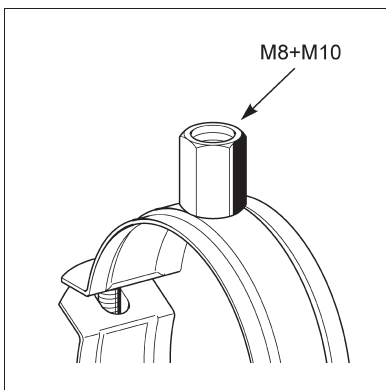
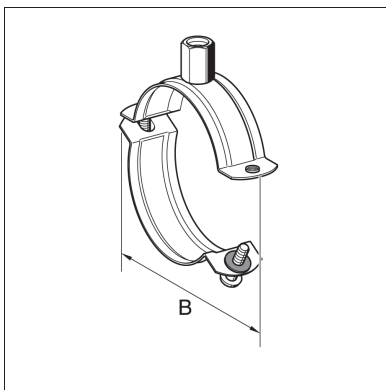
Scope of delivery

Supplied with two bolts partially mounted on one side and therefore ready for immediate installation. The clamping bolt on the open side is retained by a plastic washer, thus preventing any accidental unscrewing.

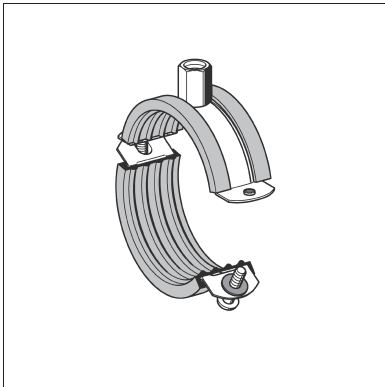
Technical Data

Size [mm]	Max. adm. load (tension)	Tightening torque [Nm]
13 - 73	0.6 kN	2
75 - 167	2.5 kN	2

Material: Steel, electro-galvanised



Size range [mm]	Material W x th [mm]	W [kg]	Quantity [pack]	Part number
13 - 18	20 x 1.5	0.04	100	173216
19 - 22	20 x 1.5	0.05	100	173225
23 - 26	20 x 1.5	0.05	100	111470
27 - 30	20 x 1.5	0.05	100	173234
32 - 36	20 x 1.5	0.05	100	173243
40 - 44	20 x 1.5	0.06	50	173252
48 - 54	20 x 1.5	0.07	50	173261
55 - 59	20 x 1.5	0.08	50	182990
60 - 66	20 x 1.5	0.08	50	173279
68 - 73	20 x 1.5	0.09	25	173288
75 - 80	25 x 2.0	0.15	25	173297
84 - 89	25 x 2.0	0.16	25	173306
90 - 98	25 x 2.0	0.16	25	186023
94 - 101	25 x 2.0	0.17	25	186032
102 - 108	25 x 2.0	0.18	25	173315
110 - 115	25 x 2.0	0.18	25	173324
118 - 125	25 x 2.5	0.24	25	186041
129 - 136	25 x 2.5	0.26	25	191387
138 - 144	25 x 2.5	0.27	25	191396
144 - 153	25 x 2.5	0.29	25	191405
159 - 167	25 x 2.5	0.30	25	191414



Duo Clamp SRS with Lining

Group: 1225

Application

Two-piece pipe clamp with double thread connection (M8/M10) and sound absorption lining for the installation of pipelines. Applicable for sound-absorbed installations according to DIN 4109 specifications.

Scope of delivery

Supplied with two bolts partially mounted on one side and therefore ready for immediate installation. The clamping bolt on the open side is retained by a plastic washer, thus preventing any accidental unscrewing.

Technical Data

Size [mm]	Working load (tension)	Tightening torque [Nm]
12 - 64	0.6 kN	2
67 - 219	2.5 kN	2

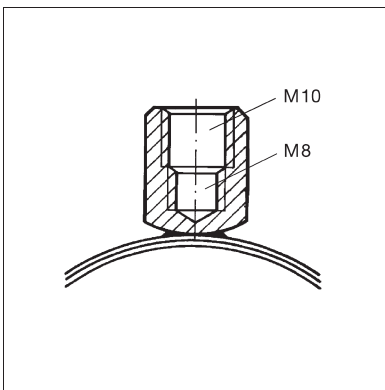
Material:

Clamp:

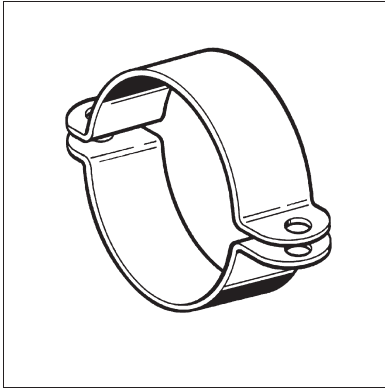
Sound absorption lining:

Steel, electro-galvanised

SBR/EPDM (black)



Size range [mm]	NB	Material W x th [mm]	W [kg]	Quantity [pack]	Part number
12 - 15	1/4"	20 x 1.5	0.05	100	159368
15 - 19	3/8"	20 x 1.5	0.05	100	159377
20 - 23	1/2"	20 x 1.5	0.06	100	159386
25 - 28	3/4"	20 x 1.5	0.06	100	159395
32 - 35	1"	20 x 1.5	0.07	100	159401
40 - 45	1 1/4"	20 x 1.5	0.09	50	159614
48 - 52	1 1/2"	20 x 1.5	0.09	50	159623
52 - 58		20 x 1.5	0.10	50	179003
60 - 64	2"	20 x 1.5	0.11	50	159632
67 - 72		25 x 2.0	0.19	25	179012
73 - 80	2 1/2"	25 x 2.0	0.20	25	159641
81 - 87		25 x 2.0	0.21	25	192665
86 - 91	3"	25 x 2.0	0.21	25	159650
102 - 108		25 x 2.0	0.25	25	179021
110 - 115	4"	25 x 2.5	0.30	25	159669
120 - 128		25 x 2.5	0.34	25	191459
135 - 143		25 x 2.5	0.37	25	191477
149 - 161		25 x 2.5	0.39	25	191486
162 - 170		25 x 2.5	0.40	25	191468
198 - 207		25 x 2.5	0.48	25	191495
207 - 219		25 x 2.5	0.52	25	191504



Stabil RB-A

Group: 1260

Application

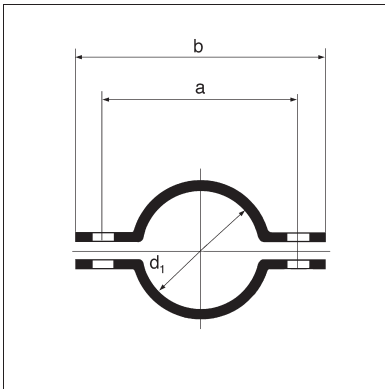
For particularly high static requirements in plant construction. Design similar to DIN 3567. The perforations on both sides allow the application of standardised bolts and threaded rods out of the Sikla product range.

If fixed on both sides by threaded rods M12 or M16 or threaded tubes, we recommend the application of the Support Cone SMD 1. In addition to be applied for the design of Fixed Points or Sliding Supports by welding to T-Sections.

Scope of delivery

Two-piece pipe clamp delivered without bolts.

For suitable bolts, please see chapter "Fixings and Fastenings".



Technical Data

Admissible load valid with fixation on both sides

Size range [mm]	max. adm. load (tension) [kN]	Tightening torque [Nm]
13 - 49	11.0	20
57 - 89	15.5	40
90 - 169	22.0	40
188 - 610	42.0	100

The max. permissible load capacity of the connected parts (e.g. anchors) shall be considered.

The max. adm. load capacity is determined by the application of statistical methods resulting from the breaking loads, under observance of a max. adm. deformation of 1.5 mm resp. 2% of the max. stretchable pipe dia.

Material: Steel, surface black

Size d ₁ [mm]	Size range [mm]	Material W x th [mm]	Recommended clamping bolts	a [mm]	b [mm]	W [kg]	Quantity [pack]	Part number
18	13 - 18	30 x 5.0	M10 x 40	54	83	0.17	25	110309
22	17 - 22	30 x 5.0	M10 x 40	56	85	0.18	25	110310
27	23 - 27	30 x 5.0	M10 x 40	63	92	0.20	25	110312
34	30 - 34	30 x 5.0	M10 x 40	71	100	0.22	25	110403
38	34 - 38	30 x 5.0	M10 x 40	76	105	0.24	25	110314
44	40 - 44	30 x 5.0	M10 x 40	83	112	0.26	25	110404
49	45 - 49	30 x 5.0	M10 x 40	88	117	0.28	25	110316
61	57 - 61	40 x 5.0	M12 x 40	106	139	0.42	25	110319
70	66 - 70	40 x 5.0	M12 x 40	116	149	0.46	25	110320
77	73 - 77	40 x 5.0	M12 x 40	123	156	0.53	25	110321
89	85 - 89	40 x 5.0	M12 x 40	135	168	0.52	25	110322
104	90 - 104	50 x 5.0	M12 x 60	146	179	0.75	10	110323
109	103 - 109	50 x 5.0	M12 x 60	155	188	0.83	10	110324
115	109 - 115	50 x 5.0	M12 x 60	161	194	0.87	10	110325
133	119 - 133	50 x 5.0	M12 x 60	176	209	0.92	10	110327
140	134 - 140	50 x 5.0	M12 x 60	187	220	1.01	10	110328
162	156 - 162	50 x 5.0	M12 x 60	209	242	1.15	10	111733
169	163 - 169	50 x 5.0	M12 x 60	216	249	1.18	10	110330
194	188 - 194	50 x 8.0	M12 x 60	252	285	2.17	1	110332
220	214 - 220	50 x 8.0	M12 x 60	279	312	2.39	1	110335
254	248 - 254	50 x 8.0	M16 x 60	320	363	2.81	1	110336
267	261 - 267	50 x 8.0	M16 x 60	333	376	2.94	1	110337
273	265 - 273	60 x 8.0	M16 x 60	339	382	3.56	1	110338
324	316 - 324	60 x 8.0	M16 x 60	390	433	4.12	1	110341
356	350 - 356	60 x 8.0	M16 x 60	422	465	4.36	1	110342
368	360 - 368	60 x 8.0	M16 x 60	434	477	4.67	1	110343
407	402 - 407	70 x 8.0	M16 x 60	473	516	5.94	1	110344
419	412 - 419	70 x 8.0	M16 x 60	485	528	6.32	1	110345
457	450 - 457	70 x 8.0	M16 x 60	523	566	6.87	1	110346
508	501 - 508	70 x 8.0	M16 x 60	575	618	7.32	1	110347
521	512 - 521	70 x 8.0	M16 x 60	588	631	7.86	1	110348
535	529 - 535	70 x 8.0	M16 x 60	602	645	7.93	1	110442
610	603 - 610	70 x 8.0	M16 x 60	677	720	8.79	1	110443

Stabil Type C

Group: 1243

Application

Pipe clamp for use in plant construction, based on the DIN 3567 Type C standard for suspension elements. The cross-sections are in line with the requirements of the VdS.

Scope of delivery

With bolts and nuts pre-mounted: M10, class 8.8.

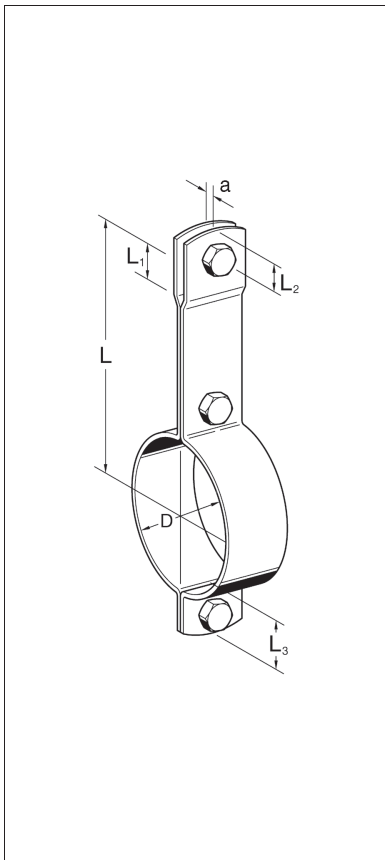
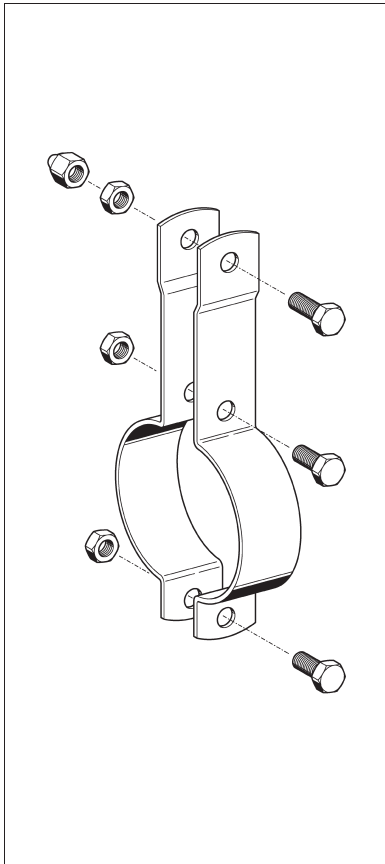
Technical Data

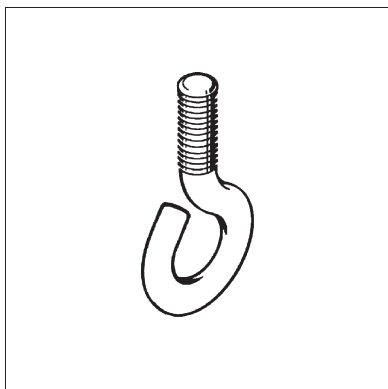
Material: Steel, electro-galvanised

DN	Working load (tension)
15 - 32	10 kN
40 - 200	15 kN

DN	D [mm]	Material [mm]	L [mm]	a [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]
15	22	25 x 3	81	7	22	17	25
20	27	25 x 3	84	7	22	17	25
25	34	25 x 3	87	7	22	17	25
32	43	25 x 3	92	7	22	17	25
40	50	40 x 3	95	7	22	17	25
50	62	40 x 3	111	7	22	17	25
65	78	40 x 3	134	7	22	17	25
80	91	40 x 3	156	7	22	17	30
100	116	40 x 4	188	7	22	17	30
125	148	40 x 4	204	7	22	17	30
150	173	40 x 4	217	7	22	17	30
200	225	40 x 4	243	7	22	17	30

NB	OD of pipe [mm]	W [kg]	Quantity [pack]	Part number
15	21.3	0.27	50	156523
20	26.9	0.30	50	156532
25	33.7	0.31	50	156541
32	42.4	0.30	50	156550
40	48.3	0.44	25	152404
50	60.3	0.51	25	152413
65	76.1	0.56	25	152422
80	88.9	0.65	25	152431
100	114.3	0.78	10	152440
125	139.7	1.08	10	152459
150	168.3	1.18	10	152468
200	219.1	1.39	10	152477





Ring Bolt SCR

Group: 1305

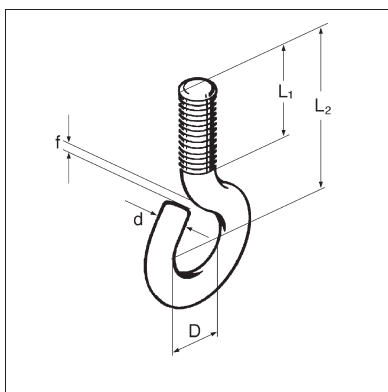
Application

For suspension elements in conjunction with Pipe Clamp Stabil Type C.

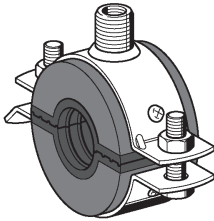
Technical Data

Working load (tension): 15 kN
Load figure applies to closed and welded conditions only.

Material: Steel, black, open



Type	D [mm]	d [mm]	L ₂ [mm]	L ₁ [mm]	f [mm]	W [kg]	Quantity [pack]	Part number
M12 x 40	30	10	75	40	10	0.15	50	152981
M16 x 40	30	14	79	40	10	0.24	25	152972



Chilled Water Clamp SKS Top-2C

Group: 1250

Application

Used for cold-water pipeline systems and refrigeration installations. Fixation of pipe lines degenerated from sound and vibration.

First class sound absorption by means of soft foam.

One size covers several pipe dimensions.

Permissible pipe dia. tolerances are securely adjusted by the elastomer part which also prevents from condensation which may occur due to slots.

No sealant is needed - the smooth adhesion of the pipe insulation at the front surface is possible.

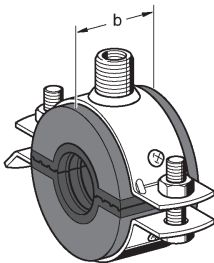
Suitable also for heavy loads.

Scope of delivery

The insulation insert is firmly integrated in the Stabil Clamp. With inserted and welded 3G triple thread nut, up to size 70 - 75 with joint.

Retaining and clamping bolts are inserted on both sides of the lower part and cannot fall out due to a plastic washer. The nuts for the retaining bolts are welded to the other clamp part up to size 168 - 172.

Multifaceted connection options via the external thread of the 3G triple thread nut with Adapter AD f/f.



Technical Data

Material:

Insulating component: Polyurethane (PUR) foam sp.gr. 250 kg/m³

Pipe clamp: Steel, galvanised

Compression strength: 0.7 N/mm² (for static loads)

Diffusion resistance: The closed-cell structure of the PUR serves as a durable barrier, which develops through the total thickness of the insulation

Thermal conductivity: $\lambda = 0.042$ W/mK at 10°C

$\lambda = 0.043$ W/mK at 20°C

$\lambda = 0.044$ W/mK at 30°C

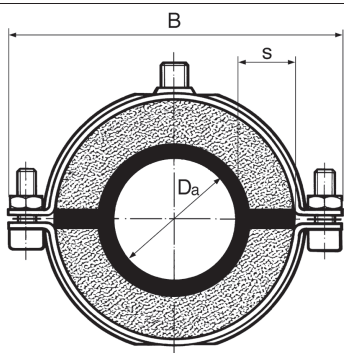
$\lambda = 0.045$ W/mK at 40°C

Temperature range: From -50°C up to +110°C, short-term excess temperature permissible

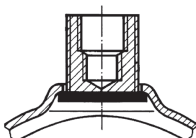
Insulation insert: **Up to 25.3 dB(A)**

Up to 26.3 dB(A) for system testing

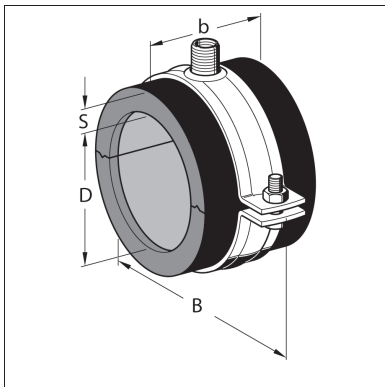
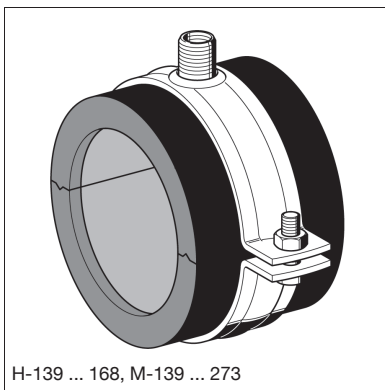
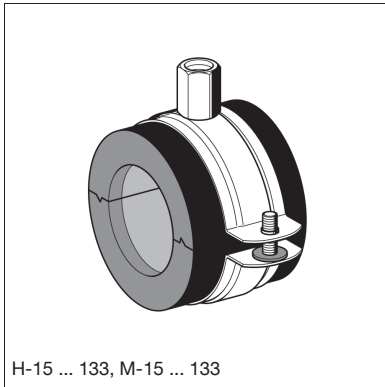
Fire resistance: Material Category B2 (DIN 4102) no fire transmission



17 - 172 mm:
M16/M10/M8
219 - 327:
1/2"/M16/M12



Type	NB	Ins. insert b x s [mm]	B [mm]	W [kg]	Quantity [pack]	Part number
17 - 22	$\frac{3}{8}$ " - $\frac{1}{2}$ "	40 x 20	104	0.20	50	191207
23 - 26		40 x 20	111	0.20	50	194980
27 - 32	$\frac{3}{4}$ "	40 x 20	111	0.20	50	191216
33 - 38	1"	40 x 20	117	0.20	50	191225
38 - 42		40 x 20	169	0.43	25	194997
42 - 47	1 $\frac{1}{4}$ "	40 x 30	169	0.45	25	191234
48 - 54	1 $\frac{1}{2}$ "	40 x 30	169	0.45	25	191243
57 - 62	2"	50 x 30	190	0.55	25	191252
63 - 68		50 x 30	190	0.55	25	195000
70 - 75		50 x 30	190	0.55	25	191261
76 - 81	2 $\frac{1}{2}$ "	50 x 30	207	0.90	25	191279
89 - 94	3"	50 x 30	222	1.00	25	191288
107 - 112		60 x 40	263	1.30	10	191297
113 - 117	4"	60 x 40	273	1.43	10	191306
125 - 128		60 x 40	301	1.45	10	195048
133 - 137		60 x 40	295	1.49	10	191315
138 - 142	5"	60 x 40	295	1.53	10	191324
157 - 161		60 x 40	329	1.65	10	191333
168 - 172	6"	60 x 40	329	1.70	10	191342
219 - 222	8"	100 x 60	428	3.93	1	191351
272 - 275	10"	100 x 60	481	4.48	1	191369
324 - 327		100 x 60	534	5.18	1	191378



Chilled Water Clamp LKS H / M

Group: 1255

Application

Suitable for secure prevention of condensation water at the pipe support location of refrigeration and cold-water pipelines. An optimal diffusion-tight connection with the pipe insulation is easily and safely achieved by fixing usual insulation materials to the clamp faces using adhesive. Recommended up to -0°C at normal ambient condition.

Scope of delivery

Consisting of pipe clamp and insulation insert. The one-piece insulation insert comprising two joined PUR elements forms a comprehensive connection between PUR element and pipe clamp all around the pipe. The outer edges of the PUR elements are equipped with elastomer foam and coated by a black PVC foil.

Type	Nominal thickness of the insulation [mm]	Size	Length of PUR element b [mm]
LKS H	13	15 - 89	50
		102 - 168	100
LKS M	19	15 - 89	50
		102 - 273	100

Technical Data

The unsupported lengths as listed in DIN 1988 may be applied for types LKS H and LKS M 15 to 168.

Clamp material:

Steel, electro-galvanised

Insulation insert:

PUR core:

Specific gravity 80 or 120 kg/m^3

Thermal conductivity:

$\lambda = 0.024 - 0.026 \text{ W/(mK)}$ at 0°C

$\lambda = 0.038 \text{ W/(mK)}$ at 10°C

$\lambda = 0.040 \text{ W/(mK)}$ at 40°C

Steam diffusion resistance factor:

$\mu \geq 7000$

Fire resistance:

B2 (DIN 4102)

Temperature range:

-40°C up to $+105^{\circ}\text{C}$

Insulation insert:

Up to 18 dB(A)

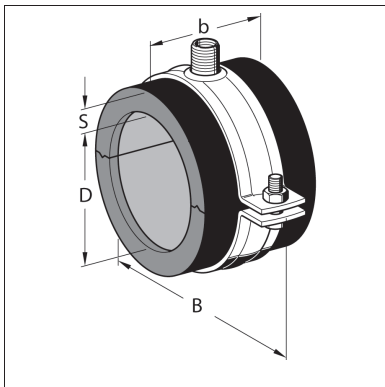
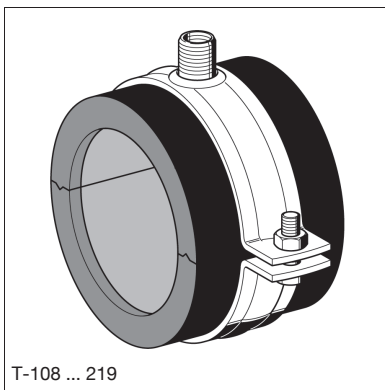
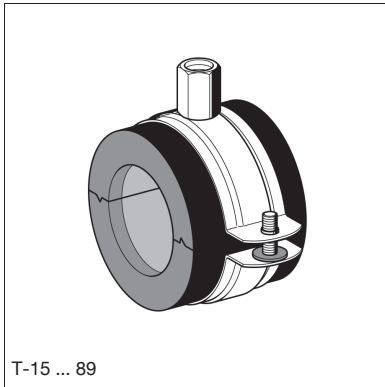
Storage temperature:

$\geq 10^{\circ}\text{C}$

Storage period:

1 year

Type	Pipe Ø D [mm]	B [mm]	Insulation thickness S [mm]	Thread connection	W [kg]	Quantity [pack]	Part number
LKS H-15	15.0	76.0	13.0	M8/M10	0.07	48	184916
LKS H-18	18.0	76.0	13.0	M8/M10	0.07	48	184925
LKS H-22	22.0	91.5	13.0	M8/M10	0.08	36	184934
LKS H-25	25.0	91.5	13.0	M8/M10	0.08	30	184943
LKS H-28	28.0	99.0	13.5	M8/M10	0.09	30	184952
LKS H-30	30.0	99.0	13.5	M8/M10	0.09	30	184961
LKS H-35	35.0	105.0	13.5	M8/M10	0.09	30	184970
LKS H-38	38.0	105.0	14.0	M8/M10	0.10	30	184979
LKS H-42	42.0	112.0	14.0	M8/M10	0.10	24	184988
LKS H-44	44.5	112.0	14.0	M8/M10	0.17	24	184997
LKS H-48	48.3	125.0	14.0	M8/M10	0.17	24	185006
LKS H-54	54.0	134.0	14.0	M8/M10	0.19	24	185015
LKS H-57	57.0	134.0	15.0	M8/M10	0.19	24	185024
LKS H-60	60.3	146.5	15.0	M8/M10	0.20	24	185033
LKS H-64	64.0	146.5	15.0	M8/M10	0.20	18	185042
LKS H-70	70.0	146.5	15.0	M8/M10	0.21	18	185051
LKS H-76	76.1	151.0	15.0	M8/M10	0.22	18	185060
LKS H-80	80.0	159.5	15.0	M8/M10	0.23	18	185069
LKS H-89	88.9	173.0	15.0	M8/M10	0.29	18	185078
LKS H-102	101.6	186.0	15.5	M8/M10	0.32	6	185087
LKS H-108	108.0	193.0	15.5	M8/M10	0.34	6	185096
LKS H-114	114.3	193.0	15.5	M8/M10	0.35	6	185105
LKS H-133	133.0	215.0	16.0	M8/M10	0.39	6	185114
LKS H-139	139.7	240.0	16.0	M12/M16 ¹ / ₂ "	1.02	6	185123
LKS H-160	159.0	273.0	16.0	M12/M16 ¹ / ₂ "	1.17	6	185132
LKS H-168	168.3	284.0	16.0	M12/M16 ¹ / ₂ "	1.22	6	185141
LKS M-15	15.0	91.5	19.0	M8/M10	0.08	42	185150
LKS M-18	18.0	99.0	19.5	M8/M10	0.09	42	185159
LKS M-22	22.0	105.0	19.5	M8/M10	0.10	42	185168
LKS M-25	25.0	105.0	19.5	M8/M10	0.09	42	185177
LKS M-28	28.0	112.0	20.0	M8/M10	0.10	36	185186
LKS M-30	30.0	112.0	20.0	M8/M10	0.10	36	185195
LKS M-35	35.0	125.0	20.0	M8/M10	0.17	24	185204
LKS M-38	38.0	125.0	21.5	M8/M10	0.17	24	185213
LKS M-42	42.0	134.0	21.5	M8/M10	0.18	24	185222
LKS M-44	44.5	134.0	21.5	M8/M10	0.20	24	185231
LKS M-48	48.3	146.5	21.5	M8/M10	0.20	18	185240
LKS M-54	54.0	146.5	21.5	M8/M10	0.20	18	185249
LKS M-57	57.0	151.0	22.0	M8/M10	0.22	18	185258
LKS M-60	60.3	151.0	22.0	M8/M10	0.22	18	185267
LKS M-64	64.0	151.0	22.0	M8/M10	0.22	18	185276
LKS M-70	70.0	159.5	22.0	M8/M10	0.24	18	185285
LKS M-76	76.1	173.0	22.0	M8/M10	0.30	18	185294
LKS M-80	80.0	173.0	22.0	M8/M10	0.30	18	185303
LKS M-89	88.9	186.0	22.0	M8/M10	0.30	10	185312
LKS M-102	101.6	203.0	22.5	M8/M10	0.39	10	185321
LKS M-108	108.0	203.0	22.5	M8/M10	0.40	10	185330
LKS M-114	114.3	215.0	22.5	M8/M10	0.41	8	185339
LKS M-133	133.0	263.0	23.0	M8/M10	0.47	6	185348
LKS M-139	139.7	273.0	23.0	M12/M16 ¹ / ₂ "	1.19	6	185357
LKS M-160	159.0	284.0	23.0	M12/M16 ¹ / ₂ "	1.27	6	185366
LKS M-168	168.3	295.0	23.0	M12/M16 ¹ / ₂ "	1.29	6	185375
LKS M-180	180.0	307.0	25.0	M12/M16 ¹ / ₂ "	1.35	6	113340
LKS M-200	200.0	321.0	25.0	M12/M16 ¹ / ₂ "	1.44	6	113342
LKS M-219	219.0	352.0	23.0	M12/M16 ¹ / ₂ "	1.62	6	185384
LKS M-225	225.0	355.0	25.0	M12/M16 ¹ / ₂ "	1.64	6	113341
LKS M-250	250.0	374.0	25.0	M12/M16 ¹ / ₂ "	1.69	2	113343
LKS M-273	273.0	440.0	23.0	M16	2.77	2	185393



Chilled Water Clamp LKS T

Group: 1255

Application

Suitable for secure prevention of condensation water at the pipe support location of refrigeration and cold-water pipelines.

An optimal diffusion-tight connection with the pipe insulation is easily and safely achieved by fixing usual insulation materials to the clamp faces using adhesive. Recommended up to -0°C at normal ambient condition.

Scope of delivery

Consisting of pipe clamp and insulation insert. The one-piece insulation insert comprising two joined PUR elements forms a comprehensive connection between PUR element and pipe clamp all around the pipe. The outer edges of the PUR elements are equipped with elastomer foam and coated by a black PVC foil.

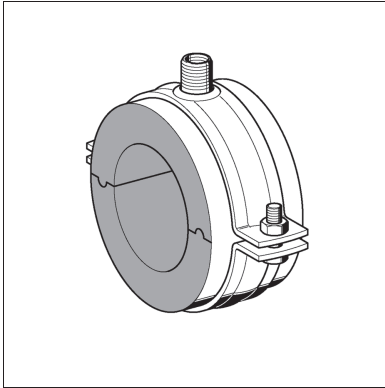
Type	Nominal thickness of the insulation [mm]	Size	Length of PUR-element b [mm]
LKS T	32	15 - 70	50
		76 - 273	100

Technical Data

Up to type LKS T-168 the unsupported lengths as listed in DIN 1988 may be applied.

Clamp material:	Steel, electro-galvanised
Insulation insert:	
PUR-core:	Specific gravity 80 or 120 kg/m ³
Thermal conductivity:	$\lambda = 0.024 - 0.026 \text{ W/(mK)}$ at 0°C
	$\lambda = 0.038 \text{ W/(mK)}$ at 10°C
	$\lambda = 0.040 \text{ W/(mK)}$ at 40°C
Steam diffusion resistance factor:	$\mu \geq 7000$
Fire resistance:	B2 accord. to DIN 4102
Temperature range:	-40°C up to +105°C
Insulation insert:	Up to 18 dB(A)
Storage temperature:	$\geq 10^\circ\text{C}$
Storage period:	1 year

Type	Pipe Ø D [mm]	B [mm]	Insulation thickness S [mm]	Thread connection	W [kg]	Quantity [pack]	Part number
LKS T-15	15.0	125	31	M8/M10	0.17	24	110514
LKS T-18	18.0	125	31	M8/M10	0.17	24	110515
LKS T-22	22.0	134	31	M8/M10	0.18	24	110516
LKS T-25	25.0	134	31	M8/M10	0.18	24	110517
LKS T-28	28.0	141	31	M8/M10	0.19	24	110518
LKS T-30	30.0	146.5	34	M8/M10	0.20	18	110519
LKS T-35	35.0	151	34	M8/M10	0.21	18	110520
LKS T-38	38.0	159.5	36	M8/M10	0.22	18	110521
LKS T-42	42.0	159.5	36	M8/M10	0.23	18	110522
LKS T-44	44.5	173	37	M8/M10	0.28	18	110523
LKS T-48	48.3	173	37	M8/M10	0.29	18	110524
LKS T-54	54.0	186	38	M8/M10	0.31	12	110525
LKS T-57	57.0	186	38	M8/M10	0.31	12	110526
LKS T-60	60.3	186	38	M8/M10	0.31	12	110527
LKS T-64	64.0	193	39	M8/M10	0.33	10	110528
LKS T-70	70.0	203	39	M8/M10	0.35	10	110529
LKS T-76	76.1	215	42	M8/M10	0.50	8	110530
LKS T-80	80.0	215	42	M8/M10	0.50	8	110531
LKS T-89	88.9	229	42	M8/M10	0.54	6	110532
LKS T-108	108.0	273	42	M12/M16/1/2"	1.25	6	110534
LKS T-114	114.0	284	43	M12/M16/1/2"	1.31	6	110535
LKS T-133	133.0	304	44	M12/M16/1/2"	1.44	6	110536
LKS T-139	137.9	304	43	M12/M16/1/2"	1.45	6	110537
LKS T-160	159.0	329	45	M12/M16/1/2"	1.58	4	110538
LKS T-168	168.3	340	45	M12/M16/1/2"	1.73	4	110539
LKS T-219	219.0	395	46	M12/M16/1/2"	1.93	2	110540
LKS T-273	273.0	432	45	M16	3.53	2	110541



Chilled Water Clamp CMP

Group: 1255

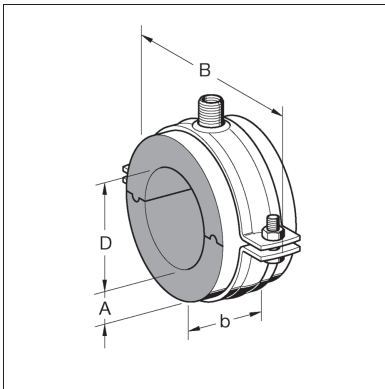
Application

Chilled Water Clamp with insulation cores of various thickness for fixing cold-water pipeline systems and chilled water installations. Prevents temperature bridging and condensation between pipe and pipe clamp. For steel pipes from outside dia. 114 mm on, we recommend the use of a Load Plate.

Scope of delivery

Insulation insert: Two interlocking PUR segments joined by outer aluminium foil.

Pipe Clamp: Two-piece Sikla Pipe Clamp with multi-thread connecting nut. See the table below for direct connection options. For adapter/ reducer-based connection clamp and insulation insert are delivered loose.



Technical Data

Ø D pipe [mm]	Max. recommended distance between 2 supports [m]*	Suitable Load Plate
21	1.50	-
27, 34	2.00	-
42, 48, 60	2.50	-
76, 89, 102, 108	3.00	-
114, 133, 140	4.00	CMP/PR 240
159, 168, 219	4.00	CMP/PR 340
273	4.00	CMP/PR 400

* The values indicated are based on the use of the relevant Load Plate from outside dia. 114 mm on.

Insulation core: PUR, specific gravity 80 kg/m³

Vapour shield: Aluminium foil

Temperature range: 0°C up to +105°C

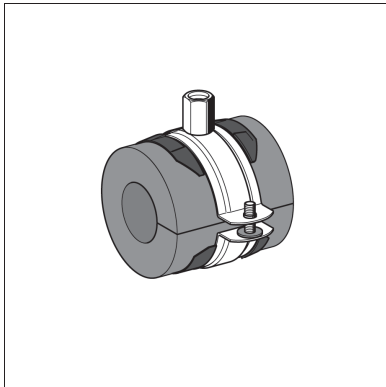
Thermal conductivity: $\lambda = 0.024 - 0.026 \text{ W/(mk)}$ at 0°C
 $\lambda = 0.038 \text{ W/(mk)}$ at 10°C
 $\lambda = 0.040 \text{ W/(mk)}$ at 10°C

Fire resistance: Insulation and vapour shield: material category B2

Clamp material: Steel, electro galvanised

In case you require dimensions or material other than those listed, please contact us.

Type	Pipe Ø D [mm]	Thread connection	b [mm]	B [mm]	W [kg]	Quantity [pack]	Part number
CMP 21/25	21	M8/M10	75	112.0	0.11	25	186896
CMP 27/25	27	M8/M10	75	125.0	0.18	25	186905
CMP 34/25	34	M8/M10	75	134.0	0.19	25	186914
CMP 42/25	42	M8/M10	75	141.0	0.21	25	186923
CMP 49/25	49	M8/M10	75	146.5	0.21	25	186932
CMP 60/25	60	M8/M10	75	159.5	0.24	25	186941
CMP 76/25	76	M8/M10	75	173.0	0.27	25	186959
CMP 89/25	89	M12/M16/1/2"	75	207.0	0.84	10	186968
CMP 102/25	102	M12/M16/1/2"	75	222.0	0.84	10	186977
CMP 108/25	108	M12/M16/1/2"	75	232.0	0.94	10	186986
CMP 114/25	114	M12/M16/1/2"	75	232.0	0.95	10	186995
CMP 133/25	133	M12/M16/1/2"	100	263.0	1.09	10	187004
CMP 140/25	140	M12/M16/1/2"	100	273.0	1.16	10	187013
CMP 159/25	159	M12/M16/1/2"	100	295.0	1.24	10	187022
CMP 168/25	168	M12/M16/1/2"	100	304.0	1.36	10	187031
CMP 219/25	219	M12/M16/1/2"	100	352.0	1.49	10	187040
CMP 273/25	273	M16	100	440.0	2.82	10	187049
CMP 21/30	21	M8/M10	75	125.0	0.12	25	187058
CMP 27/30	27	M8/M10	75	134.0	0.20	25	187067
CMP 34/30	34	M8/M10	75	141.0	0.21	25	187076
CMP 42/30	42	M8/M10	75	151.0	0.23	25	187085
CMP 49/30	49	M8/M10	75	151.0	0.23	25	187094
CMP 60/30	60	M8/M10	75	173.0	0.27	25	187103
CMP 76/30	76	M12/M16/1/2"	75	207.0	0.84	10	187121
CMP 89/30	89	M12/M16/1/2"	75	222.0	0.85	10	187130
CMP 108/30	108	M12/M16/1/2"	75	240.0	0.96	10	187148
CMP 114/30	114	M12/M16/1/2"	75	263.0	1.07	10	187157
CMP 133/30	133	M12/M16/1/2"	100	273.0	1.18	10	187166
CMP 140/30	140	M12/M16/1/2"	100	284.0	1.25	10	187175
CMP 159/30	159	M12/M16/1/2"	100	304.0	1.38	10	187184
CMP 168/30	168	M12/M16/1/2"	100	304.0	1.39	10	187193
CMP 219/30	219	M12/M16/1/2"	100	352.0	1.53	10	187202
CMP 21/40	21	M8/M10	75	151.0	0.23	25	187220
CMP 27/40	27	M8/M10	75	151.0	0.24	25	187229
CMP 34/40	34	M8/M10	75	159.5	0.25	25	187238
CMP 42/40	42	M8/M10	75	173.0	0.28	25	187247
CMP 49/40	49	M10/M12/3/8"	75	190.0	0.50	25	187256
CMP 60/40	60	M12/M16/1/2"	75	207.0	0.86	10	187265
CMP 76/40	76	M12/M16/1/2"	75	232.0	0.97	10	187283
CMP 89/40	89	M12/M16/1/2"	75	240.0	0.97	10	187292
CMP 108/40	108	M12/M16/1/2"	75	273.0	1.17	10	187310
CMP 114/40	114	M12/M16/1/2"	75	273.0	1.18	10	187319
CMP 133/40	114	M12/M16/1/2"	100	295.0	1.30	10	187328
CMP 140/40	140	M12/M16/1/2"	100	304.0	1.42	10	187337
CMP 159/40	159	M12/M16/1/2"	100	329.0	1.60	10	187346
CMP 168/40	168	M12/M16/1/2"	100	329.0	1.61	10	187355
CMP 219/40	219	M12/M16/1/2"	100	382.0	1.96	10	187364
CMP 273/40	273	M16	100	471.0	2.94	10	187373



Chilled Water Clamp AKS

Group: 1258

Application

Suitable for secure prevention of condensation at the pipe support location of chilled-water and cold-water pipelines as well as insulation clamp for heating systems.

Suitable for soundproof installation according to DIN 4109.

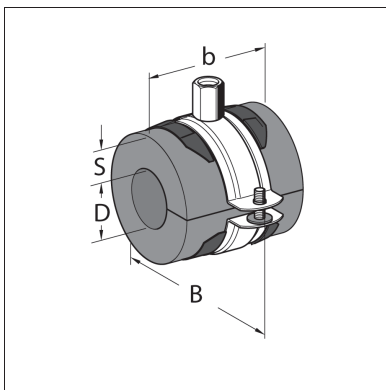
Scope of delivery

Consisting of pipe clamp and insulation insert.

Installation

Enclose the insulation insert around the pipe, remove the protective paper strip on both sides of the insert and merge the longitudinal seam. Fix the pipe clamp in the centre of the plastic spacers. Lag the pipe insulation to each end of the insulation insert.

For horizontal installations to a wall-face, the plastic spacers on the insulation insert have to coincide with the pipe clamp flanges positioned over and under the pipe. Support distances see Installation Guidelines, chapter "Pipe support".



Technical Data

Material:

Pipe clamp:

Insulation:

Steel, electro-galvanised

Elastomer foam

Elastomer foam:

Length b:

Thermal conductivity:

Steam diffusion resistance factor:

Material class:

80 mm

$\lambda \leq 0,038 \text{ W/(mK)}$ at 0°C

$\mu \geq 7.000$

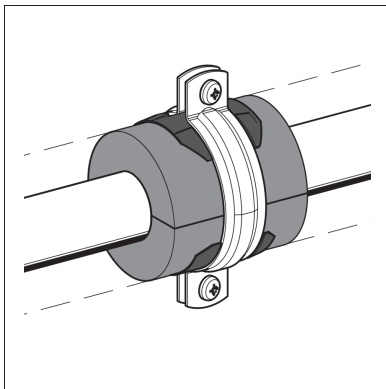
B_L -s3, d0 (in overall system of identical Elastomer foam)

Temperature range:

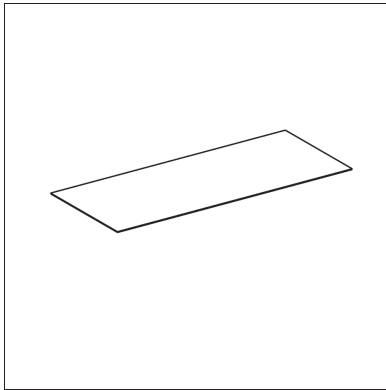
Storage conditions:

0°C up to +110°C

In dry, clean rooms with humidity 50 - 70% and room temperature 0 - 35°C



Type	Pipe Ø D [mm]	B [mm]	Insulation thickness S [mm]	Thread connection	W [kg]	Quantity [pack]	Part number
AKS 13-10	10.0	69	13	M8/M10	0.07	50	113429
AKS 13-12	12.0	76	13	M8/M10	0.08	50	113430
AKS 13-15	15.0	76	13	M8/M10	0.08	50	113431
AKS 13-18	18.0	76	13	M8/M10	0.08	50	113432
AKS 13-22	22.0	92	13	M8/M10	0.09	50	113433
AKS 13-25	25.0	92	13	M8/M10	0.09	50	113434
AKS 13-28	28.0	99	13	M8/M10	0.10	50	113435
AKS 13-30	30.0	99	13	M8/M10	0.10	50	113436
AKS 13-35	35.0	105	13	M8/M10	0.11	50	113437
AKS 13-42	42.0	112	13	M8/M10	0.12	30	113438
AKS 13-48	48.3	125	13	M8/M10	0.18	30	113439
AKS 13-54	54.0	125	13	M8/M10	0.18	30	113440
AKS 13-60	60.3	134	13	M8/M10	0.20	30	113441
AKS 19-10	10.0	92	19	M8/M10	0.09	50	113446
AKS 19-12	12.0	92	19	M8/M10	0.10	50	113447
AKS 19-15	15.0	99	19	M8/M10	0.11	50	113448
AKS 19-18	18.0	99	19	M8/M10	0.10	50	113449
AKS 19-22	22.0	105	19	M8/M10	0.11	50	113450
AKS 19-25	25.0	105	19	M8/M10	0.12	50	113451
AKS 19-28	28.0	112	19	M8/M10	0.12	50	113452
AKS 19-30	30.0	112	19	M8/M10	0.12	50	113453
AKS 19-35	35.0	125	19	M8/M10	0.18	40	113454
AKS 19-42	42.0	125	19	M8/M10	0.20	30	113455
AKS 19-48	48.3	134	19	M8/M10	0.21	30	113456
AKS 19-54	54.0	141	19	M8/M10	0.22	30	113457
AKS 19-60	60.3	147	19	M8/M10	0.24	20	113458
AKS 25-10	10.0	105	25	M8/M10	0.12	25	113463
AKS 25-12	12.0	105	25	M8/M10	0.13	25	113464
AKS 25-15	15.0	105	25	M8/M10	0.13	25	113465
AKS 25-18	18.0	112	25	M8/M10	0.13	25	113466
AKS 25-22	22.0	112	25	M8/M10	0.14	25	113467
AKS 25-25	25.0	125	25	M8/M10	0.20	30	113468
AKS 25-28	28.0	125	25	M8/M10	0.20	30	113469
AKS 25-30	30.0	125	25	M8/M10	0.20	30	113470
AKS 25-35	35.0	134	25	M8/M10	0.21	30	113471
AKS 25-42	42.0	141	25	M8/M10	0.25	20	113472
AKS 25-48	48.3	147	25	M8/M10	0.26	20	113473
AKS 25-54	54.0	151	25	M8/M10	0.27	20	113474
AKS 25-60	60.3	173	25	M8/M10	0.30	20	113475



Load Plate

Group: 1256

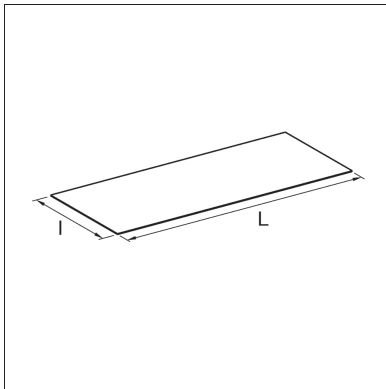
Scope of delivery

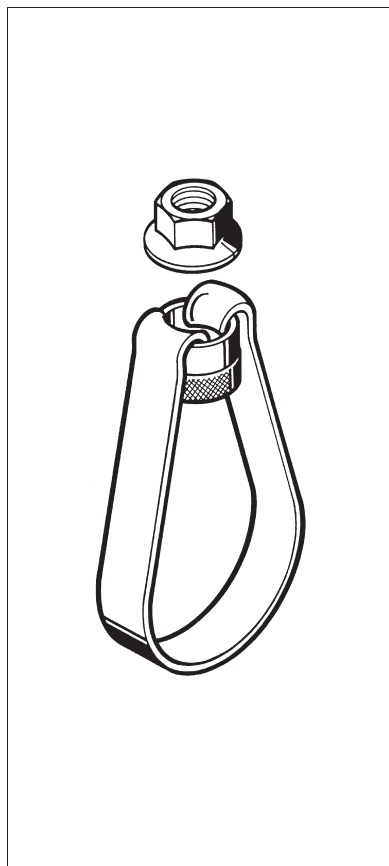
Load Plate delivered flat.

Technical Data

Material: Steel plate, electro galvanised

Type	Pipe Ø D [mm]	Dimension L x W x Th [mm]	Quantity [pack]	Part number
CMP/PR 240	114 - 140	240x100x0.5	1	187382
CMP/PR 340	159 - 219	340x100x0.5	1	187391
CMP/PR 400	273	400x100x0.5	1	187400





Pipe Loop RSL N

Group: 1115

Application

For pipeline installations of fixed fire extinguishing systems, mainly used for Sprinkler systems.

Scope of delivery

Pipe Loop with rounded edges. Flange nuts and cup nuts are included in loose form.

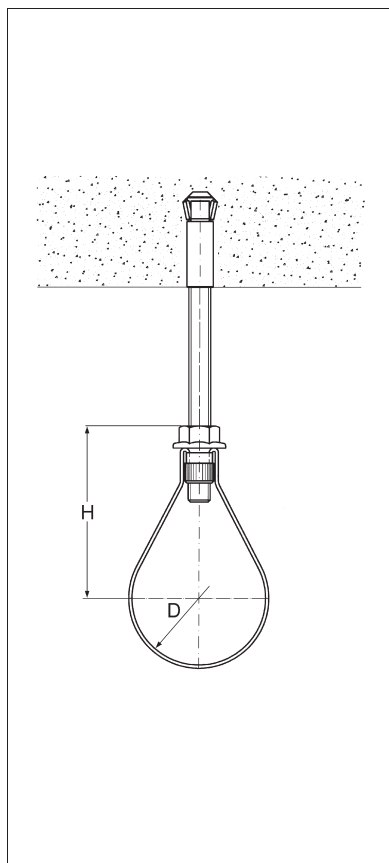
Technical Data

Material: Steel, galvanised as per DIN EN 10346

Approvals

FM and VdS (No. G4850025) approved

Type	NB	Connection	D [mm]	H [mm]	W [kg]	Quantity [pack]	Part number
26.9	3/4"	M8 (VdS)	27	65	0.05	100	113336
33.7	1"	M8 (VdS)	34	65	0.05	100	102287
42.4	1 1/4"	M8 (VdS)	43	65	0.05	50	102296
48.3	1 1/2"	M8 (VdS)	49	70	0.06	50	102302
60.3	2"	M8 (VdS)	61	79	0.06	50	102311
26.9	3/4"	M10 (FM)	27	65	0.05	100	113414
33.7	1"	M10 (FM)	34	65	0.06	100	102126
42.4	1 1/4"	M10 (FM)	43	65	0.06	50	102135
48.3	1 1/2"	M10 (FM)	49	70	0.06	50	102144
60.3	2"	M10 (FM)	61	79	0.07	50	102153
76.1	2 1/2"	M10	77	98	0.14	25	102320
88.9	3"	M10	90	113	0.16	25	102339
108		M10	110	142	0.19	25	102348
114.3	4"	M10	115	142	0.19	25	102357
133		M12	135	155	0.22	25	102366
139.7	5"	M12	142	155	0.22	25	102375
159		M12	161	185	0.25	25	102384
168.3	6"	M12	170	185	0.26	25	102393
219.1	8"	M16	221	239	0.56	10	102409



Pipe Loop RSL Praktica S

Group: 1118

Application

For pipeline installations of fixed fire extinguishing systems, mainly used for Sprinkler systems.

Scope of delivery

Cup nut included in loose form.

Installation

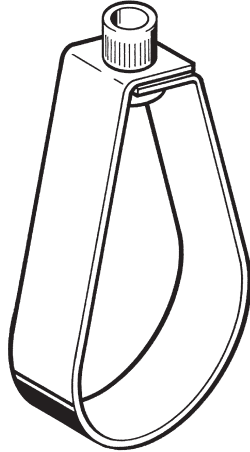
Advice for VdS-installation: when assembling size DN 10", the cup nut M16 is replaced by two washers and two hexagon nuts M20!

Technical Data

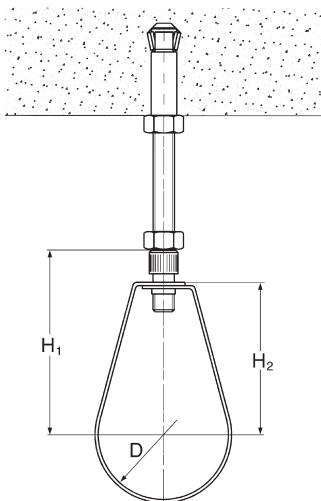
Material: Steel, galvanised as per DIN EN 10346

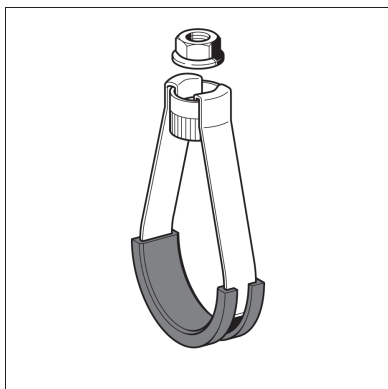
Approvals

FM < 10" and VdS (No. G4780120) approved



Type	NB	Connection	D [mm]	H ₂ [mm]	H ₁ [mm]	W [kg]	Quantity [pack]	Part number
26.9	3/4"	M8 (VdS)	27	55	66	0.07	100	141109
33.7	1"	M8 (VdS)	34	59	70	0.08	100	141118
42.4	1 1/4"	M8 (VdS)	43	63	78	0.08	50	141127
48.3	1 1/2"	M8 (VdS)	49	66	81	0.09	50	141136
60.3	2"	M8 (VdS)	61	72	87	0.10	50	141145
33.7	1"	M10 (FM)	34	59	70	0.07	100	140861
42.4	1 1/4"	M10 (FM)	43	63	78	0.08	50	140870
48.3	1 1/2"	M10 (FM)	49	66	81	0.08	50	140889
60.3	2"	M10 (FM)	61	72	87	0.08	50	140898
76.1	2 1/2"	M10	77	93	108	0.20	25	140904
88.9	3"	M10	90	100	115	0.22	25	140913
114	4"	M10	115	121	146	0.27	25	140834
139	5"	M12	142	150	162	0.52	25	140843
168	6"	M12	170	175	187	0.60	25	140852
219	8"	M16	221	225	240	0.78	10	140968
274	10"	M16	276	285	300	1.74	10	140977





Pipe Loop RSL N Silicone

Group: 1115

Application

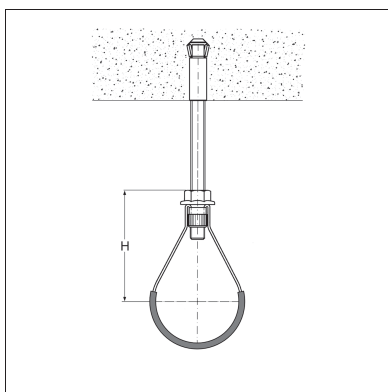
For pipeline installations of fixed fire extinguishing systems, mainly used for Sprinkler systems for soundproof installations also according to DIN 4109.

Scope of delivery

Flange nut and Cup nut included in loose form.

Technical Data

Material: Steel, galvanised as per DIN EN 10346
Sound absorption lining: Silicone, red (see chapter "Sound Absorption Products")



Approvals

VdS (No. G4850035) approved.

Type	NB	Connection	H [mm]	W [kg]	Quantity [pack]	Part number
26.9	3/4"	M8	65	0.06	100	113307
33.7	1"	M8	65	0.07	100	113308
42.4	1 1/4"	M8	70	0.08	50	113309
48.3	1 1/2"	M8	79	0.09	50	113310
60.3	2"	M10	98	0.17	25	113311
76.1	2 1/2"	M10	113	0.23	25	113312
88.9	3"	M10	142	0.25	25	113313
114.3	4"	M12	153	0.28	25	113314
139.7	5"	M12	184	0.31	25	113315
168.3	6"	M12	184	0.31	25	113316
219.1	8"	M16	236	0.65	10	113317

U Bolt RUB

Group: 1211

Application

For pipeline systems in industrial and residential buildings and sprinkler installations meeting the VdS and FM standards.

For horizontal and vertical pipelines, the U-Bolts are applied as Fixed Points and as Guiding Supports.

Scope of delivery

Similar to the DIN 3570 standard.

Four hexagon nuts and four washers included in loose form.

Installation

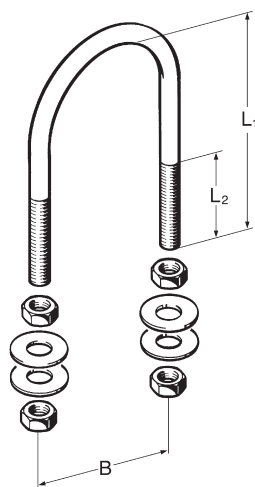
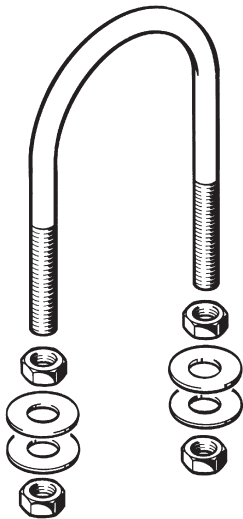
When used as Guided Support, nuts have to be arranged and fixed on both sides, at the top and at the bottom of the profile. Thereby the pipe should remain flexible. When used as Fixed Point the admissible loads of the connecting elements shouldn't exceed the bending loads of the U-bolt.

Technical Data

Material: Steel, electro-galvanised

Approvals

The U Bolt NB 8" with M12 thread obtained a separate VdS Approval (No. G4810047).



Type	NB	B [mm]	L ₁ [mm]	L ₂ [mm]	Thread	W [kg]	Quantity [pack]	Part number
21.3	1/2"	30	45	30	M8	0.08	50	102162
26.9	3/4"	35	60	40	M8	0.09	50	102773
33.7	1"	42	67	40	M8	0.09	50	102782
42.4	1 1/4"	51	76	40	M8	0.10	50	102791
48.3	1 1/2"	57	82	40	M8	0.11	50	102807
60.3	2"	71	95	45	M10	0.21	50	102816
76.1	2 1/2"	87	111	45	M10	0.23	50	102825
88.9	3"	100	123	45	M10	0.24	50	102834
114.3	4"	126	157	55	M12	0.39	25	102171
108		121	151	55	M12	0.38	50	102843
139.7	5"	152	180	55	M12	0.43	25	102180
133		146	172	55	M12	0.42	25	102852
159		172	197	55	M12	0.46	25	102861
168.3	6"	180	207	55	M12	0.46	10	102199
219.1	8"	233	267	55	M12	0.56	10	102870



U Clamp RUC

Group: 1203

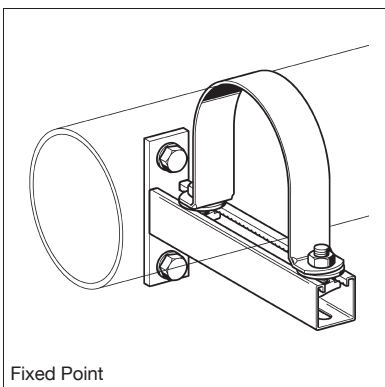
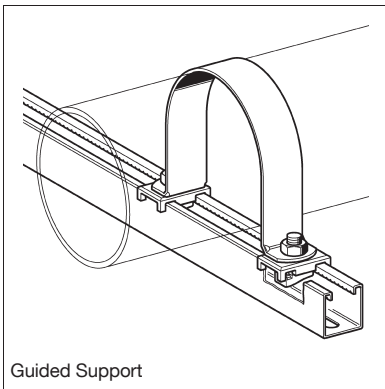
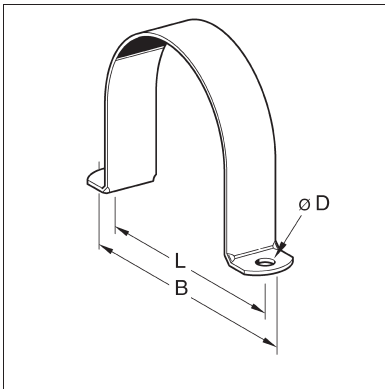
Application

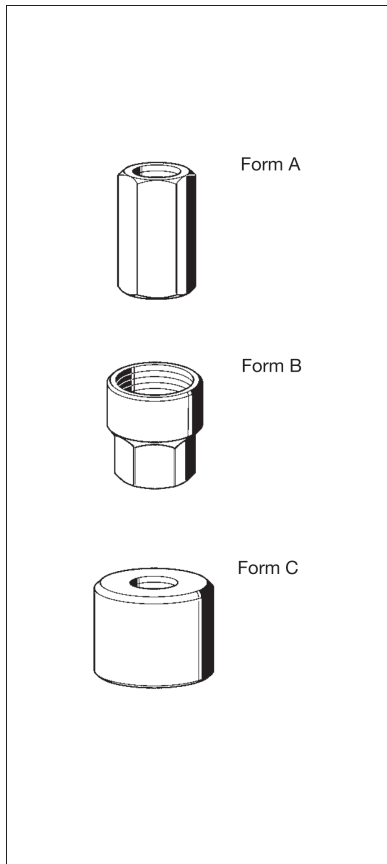
For mounting pipes directly on a support, especially suitable as a replacement for U Bolts in connection with channels or cantilever brackets. When using T Bolts, their washer can be used in between the channel and the U Clamp. Dimensions and cross-sections are in keeping with the VdS standard.

Technical Data

Material: Steel, pre-galvanised as per DIN EN 10346

Type	For pipe	Material [mm]	B [mm]	L [mm]	Ø D [mm]	W [kg]	Quantity [pack]	Part number
18	3/8"	30 x 2.5	69	49	9	0.09	50	159012
22	1/2"	30 x 2.5	73	53	9	0.05	50	159021
28	3/4"	30 x 2.5	79	59	9	0.06	50	159030
34	1"	30 x 2.5	85	65	9	0.07	25	159049
43	1 1/4"	30 x 2.5	94	74	9	0.08	25	159058
49	1 1/2"	30 x 2.5	100	80	9	0.11	25	159067
61	2"	30 x 2.5	112	92	9	0.13	25	159076
77	2 1/2"	30 x 2.5	128	108	9	0.16	25	159085
90	3"	30 x 2.5	141	121	9	0.16	25	159094
115	4"	40 x 3.0	183	155	13	0.31	25	159100
141	5"	40 x 3.0	209	181	13	0.37	10	159119
169	6"	40 x 3.0	236	207	13	0.44	1	159128
221	8"	40 x 3.0	289	261	13	0.55	1	159137
275	10"	50 x 5.0	375	325	17	1.43	1	159146
326	12"	50 x 5.0	426	373	17	1.69	1	159155





Adapter AD f/f

Group: 1333

Application

Additional connection options for all Sikla Pipe Clamps equipped with 3G triple thread nut, fixed points and threaded tubes.

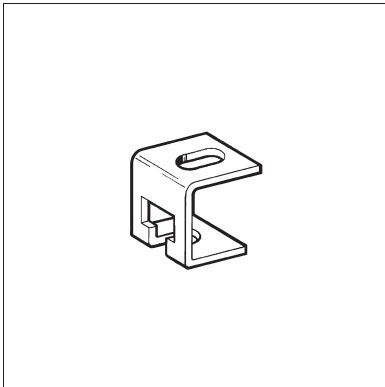
Technical Data

Material:

Form A: Steel, electro-galvanised

Form B: Malleable cast iron, electro-galvanised

Type	Form	Length [mm]	A/F [mm]	W [kg]	Quantity [pack]	Part number
M16/M10	A	35	19	0.05	50	106740
M16/M12	A	35	19	0.04	50	124665
M16/M16	A	30	19	0.03	50	106290
$\frac{3}{8}$ "/M16	A	40	19	0.03	25	146335
$\frac{1}{2}$ "/M10	A	35	24	0.07	10	146371
$\frac{1}{2}$ "/M12	A	35	24	0.06	25	156639
$\frac{1}{2}$ "/M16	A	40	24	0.07	25	124656
$\frac{1}{2}$ "/ $\frac{3}{8}$ "	A	40	24	0.06	25	146344
$\frac{1}{2}$ "/ $\frac{1}{2}$ "	A	35	24	0.11	10	146380
$\frac{3}{4}$ "/M10	A	35	32	0.15	10	105651
$\frac{3}{4}$ "/M12	A	35	32	0.08	10	105749
$\frac{3}{4}$ "/M16	A	35	32	0.14	10	105660
$\frac{3}{4}$ "/ $\frac{3}{8}$ "	A	35	32	0.14	25	146353
$\frac{3}{4}$ "/ $\frac{1}{2}$ "	A	35	32	0.08	10	146399
1"/M10	B	40	22	0.13	10	105679
1"/M12	B	40	22	0.13	10	105758
1"/M16	B	40	22	0.12	10	105688
1"/ $\frac{3}{8}$ "	B	40	22	0.12	25	146362
1"/ $\frac{1}{2}$ "	B	40	27	0.12	10	146405
M16/ $\frac{1}{2}$ "	C	25	-	0.06	25	157922
M16/ $\frac{3}{4}$ "	C	28	-	0.09	25	157931
$\frac{3}{8}$ "/M16	C	100	-	0.11	20	111715
$\frac{3}{8}$ "/ $\frac{1}{2}$ "	C	100	-	0.19	20	113349



Height Adjuster HRS 0

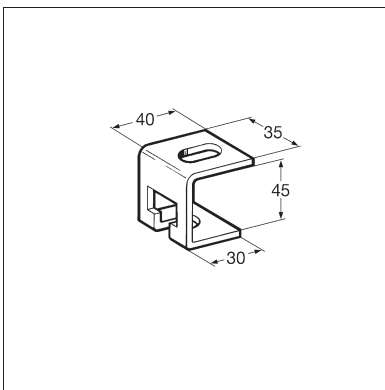
Group: 1339

Application

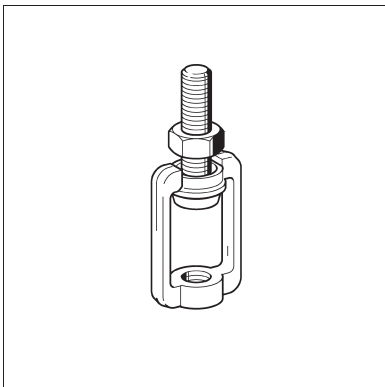
Height adjustment unit for suspended pipelines and components, providing for accurate pipe laying and compensation of constructional building tolerances. Facilitates mounting and improves mounting efficiency on site.

Technical Data

Material:	Steel, electro-galvanised
Connection to building structure:	M12
Connection to system:	M10 and M12
Max. perm. working load:	1.5 kN
Adjustment range:	25 mm



Type	W [kg]	Quantity [pack]	Part number
HRS 0	0.09	50	125958



Height Adjuster HRS P

Group: 1339

Application

Suitable for all M&E services. May be fixed directly to the ceiling (anchor) or in a suitable channel. Especially advantageous due to the suspension unit in the upper section of the height adjuster, since it enables the pipes to move in all directions.

Scope of delivery

Pre-assembled component, no loose parts.

Installation

The upper part of the base component can be used as a tool for screwing in the suspending bolt. Then the bolt only has to be tightened with an open-ended spanner. After mounting, the base component rests freely mobile and rotatable on the rounded bolt head. Fixing a locking nut against the cup nut secures the height adjusted.

Technical Data

Material:	Base component cast iron, all components galvanised
Max. perm. working load:	4.0 kN
Max. swinging angle:	7°

Type	Connection to system	Connection to building structure	Adjustment height	W [kg]	Quantity [pack]	Part number
P M8	M8	M8 x 22	25 mm	0.06	25	151519
P M10	M10	M10 x 22	25 mm	0.08	25	151528