



TECHNICAL HANDBOOK

Media Fixation

Pipe Clamp

1

Light and medium Pipe Clamp

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GENERAL INFORMATION

A probabilistic approach is followed when testing is used to derive allowable loads, design strength, and limit state values utilizing safety factors and resistance values as applicable. Published technical data loading tables are based on static loading conditions only. All non-static forces must be considered separately. Service loads were not considered.

The tabulated values for the fixing elements as listed in this product technical guide are a combination of physical tests and analytical calculations.

Subject to typographical and printing errors.

Pipe Clamp MP-L-I M8


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Applications

- Light-duty pipe installations up to 2"
- Fastening fresh water, waste water and heating pipes

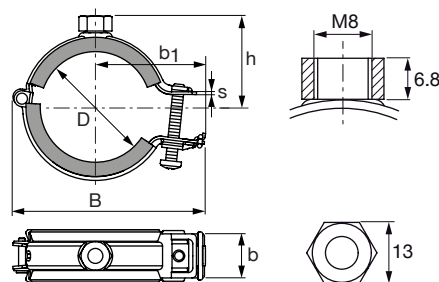
Advantages

- One-screw safety flap closure – easy single-handed closing and re-opening
- Complete clamping range – in every size from the smallest to largest available diameter across the entire product range
- Securely attached profiled rubber inlay with tested sound decoupling values


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 – DIN EN 10130
Surface finish	Indoor coated - electro galvanized
Insulation material	EPDM Rubber
Hardness insulation material	60° ± 5° Shore A
Noise reduction	18.5 dB (A)
Temperature resistance	-40°C – 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-L-I 10-14 M8	10–14 mm	¼"	M8	46 mm	20 x 0.8 mm	29 mm	23 mm	M5	2 Nm	400 N	50 pcs	2179331
MP-L-I 15-20 M8	15–20 mm	⅜"	M8	51 mm	20 x 0.8 mm	31 mm	26 mm	M5	2 Nm	400 N	50 pcs	2179332
MP-L-I 20-26 M8	20–26 mm	½"	M8	56 mm	20 x 0.8 mm	34 mm	26 mm	M5	2 Nm	400 N	50 pcs	2179333
MP-L-I 26-32 M8	26–32 mm	¾"	M8	64 mm	20 x 0.8 mm	38 mm	29 mm	M5	2 Nm	400 N	50 pcs	2179334
MP-L-I 32-38 M8	32–38 mm	1"	M8	71 mm	20 x 0.8 mm	41 mm	32 mm	M5	2 Nm	400 N	50 pcs	2179335
MP-L-I 38-45 M8	38–45 mm	1 ¼"	M8	78 mm	20 x 0.8 mm	45 mm	36 mm	M5	2 Nm	400 N	50 pcs	2179336
MP-L-I 45-53 M8	45–53 mm	1 ½"	M8	88 mm	20 x 1.2 mm	50 mm	41 mm	M5	2 Nm	800 N	50 pcs	2179337
MP-L-I 54-63 M8	54–63 mm	2"	M8	98 mm	20 x 1.2 mm	55 mm	46 mm	M5	2 Nm	800 N	50 pcs	2179338
Clamping Range - D	Cross section width x thickness (b x s)		Thread - M		Clamp screw		Torque		Maximum load - F			
10–45 mm	20 x 0.8 mm		M8		M5		2 Nm		400 N			
45–63 mm	20 x 1.2 mm		M8		M5		2 Nm		800 N			

Pipe Clamp MP-L-I M8/M10


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Applications

- Light-duty pipe installations up to 6"
- Fastening fresh water, waste water and heating pipes

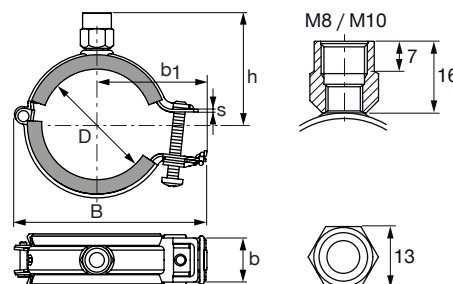
Advantages

- One-screw safety flap closure – easy single-handed closing and re-opening
- Complete clamping range – in every size from the smallest to largest available diameter across the entire product range
- Securely attached profiled rubber inlay with tested sound decoupling values


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 – DIN EN 10130
Surface finish	Indoor coated - electro galvanized
Insulation material	EPDM Rubber
Hardness insulation material	60° ± 5° Shore A
Noise reduction	18.5 dB (A)
Temperature resistance	-40°C – 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-18/0570, Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-L-I 10-14 M8/M10	10–14 mm	¼"	M8/M10	46 mm	20 x 0.8 mm	29 mm	29 mm	M5	2 Nm	400 N	50 pcs	2172815
MP-L-I 15-20 M8/M10	15–20 mm	⅜"	M8/M10	51 mm	20 x 0.8 mm	31 mm	32 mm	M5	2 Nm	400 N	50 pcs	2172816
MP-L-I 20-26 M8/M10	20–26 mm	½"	M8/M10	56 mm	20 x 0.8 mm	34 mm	36 mm	M5	2 Nm	400 N	50 pcs	2172817
MP-L-I 26-32 M8/M10	26–32 mm	¾"	M8/M10	64 mm	20 x 0.8 mm	38 mm	39 mm	M5	2 Nm	400 N	50 pcs	2172818
MP-L-I 32-38 M8/M10	32–38 mm	1"	M8/M10	71 mm	20 x 0.8 mm	41 mm	42 mm	M5	2 Nm	400 N	50 pcs	2172819
MP-L-I 38-45 M8/M10	38–45 mm	1 ¼"	M8/M10	78 mm	20 x 0.8 mm	45 mm	45 mm	M5	2 Nm	400 N	50 pcs	2172920
MP-L-I 45-53 M8/M10	45–53 mm	1 ½"	M8/M10	88 mm	20 x 1.2 mm	50 mm	51 mm	M5	2 Nm	800 N	50 pcs	2172921
MP-L-I 54-63 M8/M10	54–63 mm	2"	M8/M10	98 mm	20 x 1.2 mm	55 mm	56 mm	M5	2 Nm	800 N	50 pcs	2172922
MP-L-I 63-72 M8/M10	63–72 mm		M8/M10	108 mm	20 x 1.2 mm	60 mm	60 mm	M5	2 Nm	800 N	25 pcs	2172923
MP-L-I 73-82 M8/M10	73–82 mm	2 ½"	M8/M10	118 mm	20 x 1.2 mm	65 mm	65 mm	M5	2 Nm	800 N	25 pcs	2172924
MP-L-I 83-92 M8/M10	83–92 mm	3"	M8/M10	128 mm	20 x 1.2 mm	70 mm	70 mm	M5	2 Nm	800 N	25 pcs	2172925
MP-L-I 93-103 M8/M10	93–103 mm		M8/M10	138 mm	20 x 1.2 mm	75 mm	76 mm	M5	2 Nm	800 N	25 pcs	2172926
MP-L-I 104-114 M8/M10	104–114 mm	4"	M8/M10	149 mm	20 x 1.2 mm	81 mm	81 mm	M5	2 Nm	800 N	25 pcs	2172927
MP-L-I 115-128 M8/M10	115–128 mm		M8/M10	165 mm	25 x 1.5 mm	88 mm	90 mm	M5	2 Nm	1350 N	10 pcs	2172928
MP-L-I 129-142 M8/M10	129–142 mm	5"	M8/M10	179 mm	25 x 1.5 mm	95 mm	97 mm	M5	2 Nm	1350 N	10 pcs	2172929
MP-L-I 143-156 M8/M10	143–156 mm		M8/M10	193 mm	25 x 1.5 mm	102 mm	104 mm	M5	2 Nm	1350 N	10 pcs	2172930
MP-L-I 157-170 M8/M10	157–170 mm	6"	M8/M10	207 mm	25 x 1.5 mm	109 mm	111 mm	M5	2 Nm	1350 N	10 pcs	2172931
Clamping Range - D	Cross section width x thickness (b x s)				Thread - M		Clamp screw		Torque		Maximum load - F	
10–45 mm	20 x 0.8 mm				M8/M10		M5		2 Nm		400 N	
45–114 mm	20 x 1.2 mm				M8/M10		M5		2 Nm		800 N	
115–170 mm	25 x 1.5 mm				M8/M10		M5		2 Nm		1350 N	

Pipe Clamp MP-HI M8/M10


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Applications

- Light-duty pipe installations up to 6"
- Fastening fresh water, waste water and heating pipes
- Sanitary, heating and gas applications with pipes of various materials

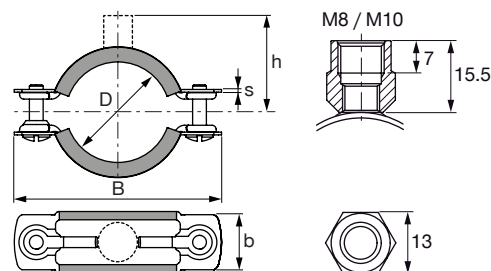
Advantages

- Adhesive-bonded acoustic insulation inlay – helps to prevent drop-out duclamp installation
- Two-screw pipe clamp with side swiveling mechanism
- Click closure for easier and faster pre-fixing


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 – DIN EN 10130
Surface finish	Indoor coated - electro galvanized
Insulation material	EPDM Rubber
Hardness insulation material	40° ± 5° Shore A
Noise reduction	17 dB (A)
Temperature resistance	-40°C – 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-21/0803, Sound tested, Building material class B2 / E

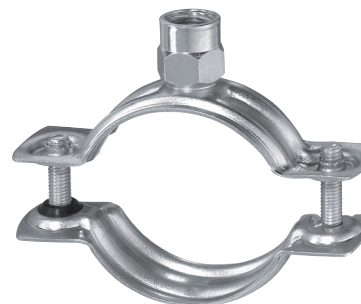


Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-HI 8-12 M8/M10	8–12 mm		M8/M10	52 mm	20 x 1 mm	26 mm	30 mm	M5	2 Nm	600 N	25 pcs	386402
MP-HI 12-16 M8/M10	12–16 mm	¼"	M8/M10	52 mm	20 x 1 mm	26 mm	30 mm	M5	2 Nm	600 N	25 pcs	386403
MP-HI 16-20 M8/M10	16–20 mm	⅜"	M8/M10	57 mm	20 x 1 mm	28,5 mm	32 mm	M5	2 Nm	600 N	25 pcs	386404
MP-HI 20-25 M8/M10	20–25 mm	½"	M8/M10	62 mm	20 x 1 mm	31 mm	35 mm	M5	2 Nm	600 N	25 pcs	386405
MP-HI 25-31 M8/M10	25–31 mm	¾"	M8/M10	69 mm	20 x 1 mm	34,5 mm	38 mm	M5	2 Nm	600 N	25 pcs	386406
MP-HI 31-38 M8/M10	31–38 mm	1"	M8/M10	76 mm	20 x 1 mm	38 mm	41 mm	M5	2 Nm	600 N	25 pcs	386407
MP-HI 38-45 M8/M10	38–45 mm	1 ¼"	M8/M10	86 mm	20 x 1.2 mm	43 mm	46 mm	M5	2 Nm	750 N	25 pcs	386408
MP-HI 45-52 M8/M10	45–52 mm	1 ½"	M8/M10	93 mm	20 x 1.2 mm	46,5 mm	49 mm	M5	2 Nm	750 N	25 pcs	386409
MP-HI 52-59 M8/M10	52–59 mm		M8/M10	100 mm	20 x 1.2 mm	50 mm	53 mm	M5	2 Nm	750 N	25 pcs	386410
MP-HI 59-66 M8/M10	59–66 mm	2"	M8/M10	108 mm	20 x 1.2 mm	54 mm	57 mm	M5	2 Nm	750 N	10 pcs	386411
MP-HI 66-75 M8/M10	66–75 mm		M8/M10	128 mm	25 x 1.8 mm	64 mm	63 mm	M6	2 Nm	1200 N	10 pcs	386412
MP-HI 75-84 M8/M10	75–84 mm	2 ½"	M8/M10	137 mm	25 x 1.8 mm	68,5 mm	67 mm	M6	2 Nm	1200 N	10 pcs	386413
MP-HI 84-93 M8/M10	84–93 mm	3"	M8/M10	146 mm	25 x 1.8 mm	73 mm	72 mm	M6	2 Nm	1200 N	10 pcs	386414
MP-HI 93-101 M8/M10	93–101 mm		M8/M10	155 mm	25 x 1.8 mm	77,5 mm	76 mm	M6	2 Nm	1200 N	10 pcs	386415
MP-HI 101-110 M8/M10	101–110 mm		M8/M10	164 mm	25 x 1.8 mm	82 mm	81 mm	M6	2 Nm	1200 N	10 pcs	386416
MP-HI 110-119 M8/M10	110–119 mm	4"	M8/M10	175 mm	25 x 2.2 mm	87,5 mm	86 mm	M6	2 Nm	1500 N	10 pcs	386417
MP-HI 119-129 M8/M10	119–129 mm		M8/M10	185 mm	25 x 2.2 mm	92,5 mm	91 mm	M6	2 Nm	1500 N	10 pcs	386418
MP-HI 129-137 M8/M10	129–137 mm		M8/M10	193 mm	25 x 2.2 mm	96,5 mm	95 mm	M6	2 Nm	1500 N	10 pcs	386419
MP-HI 137-145 M8/M10	137–145 mm	5"	M8/M10	203 mm	25 x 2.2 mm	101,5 mm	100 mm	M6	2 Nm	1500 N	10 pcs	386420
MP-HI 145-155 M8/M10	145–155 mm		M8/M10	211 mm	25 x 2.2 mm	105,5 mm	104 mm	M6	2 Nm	1500 N	10 pcs	386421
MP-HI 155-163 M8/M10	155–163 mm		M8/M10	220 mm	25 x 2.2 mm	110 mm	109 mm	M6	2 Nm	1500 N	10 pcs	386422
MP-HI 163-172 M8/M10	163–172 mm	6"	M8/M10	228 mm	25 x 2.2 mm	114 mm	113 mm	M6	2 Nm	1500 N	10 pcs	386423

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			maximum deformation in case of fire - δt	
						30 min	60 min	90 min	30 min	> 30 min
8–38 mm	20 x 1 mm	M8/M10	M5	2 Nm	600 N	270 N	140 N	90 N	27 mm	30 mm
38–66 mm	20 x 1.2 mm	M8/M10	M5	2 Nm	750 N	280 N	180 N	140 N	39 mm	39 mm
66–110 mm	25 x 1.8 mm	M8/M10	M6	2 Nm	1200 N	580 N	320 N	230 N	46 mm	46 mm
110–172 mm	25 x 2.2 mm	M8/M10	M6	2 Nm	1500 N	640 N	410 N	310 N	54 mm	54 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Pipe Clamp MP-H M8/M10


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Applications

- Light-duty pipe installations up to 6" (or 172mm)
- Fastening fresh water, waste water and heating pipes
- Sanitary, heating and gas applications with pipes of various materials
- Recommended for use in dry, interior environments

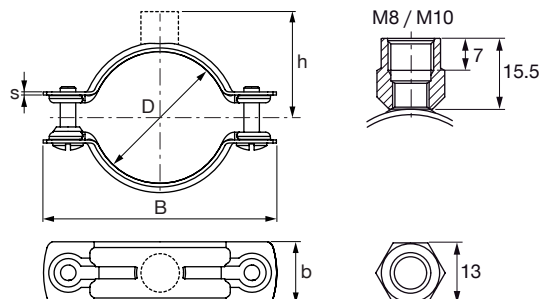
Advantages

- Two-screw pipe clamp with side swiveling mechanism
- Complete clamping range – in every size from the smallest to largest available diameter across the entire product range
- Click closure for easier and faster pre-fixing
- Welded M8/M10 double connection head for more flexibility


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 – DIN EN 10130
Surface finish	Indoor coated - electro galvanized
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-21/0803

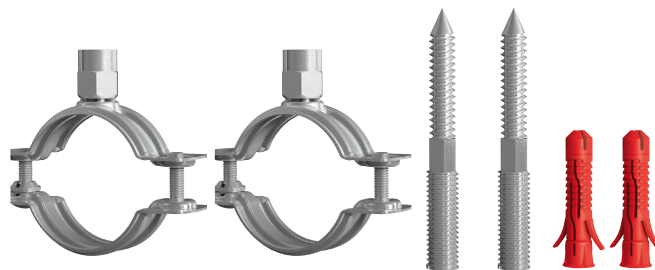


Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-H 16-20 M8/M10	16 – 20 mm	¾"	M8/M10	54.0 mm	20 x 1.2 mm	27 mm	30.5 mm	M5	2 Nm	600 N	25 pcs	386424
MP-H 20-25 M8/M10	20 – 25 mm	½"	M8/M10	58.5 mm	20 x 1.2 mm	29,25 mm	32.5 mm	M5	2 Nm	600 N	25 pcs	386425
MP-H 25-31 M8/M10	25 – 31 mm	¾"	M8/M10	63.2 mm	20 x 1.2 mm	31,6 mm	35.0 mm	M5	2 Nm	600 N	25 pcs	386426
MP-H 31-38 M8/M10	31 – 38 mm	1"	M8/M10	72.0 mm	20 x 1.2 mm	36 mm	38.3 mm	M5	2 Nm	600 N	25 pcs	386427
MP-H 38-45 M8/M10	38 – 45 mm	1 ¼"	M8/M10	78.3 mm	20 x 1.2 mm	39,15 mm	42.3 mm	M5	2 Nm	600 N	25 pcs	386428
MP-H 45-52 M8/M10	45 – 52 mm	1 ½"	M8/M10	88.5 mm	20 x 1.2 mm	44,25 mm	45.7 mm	M5	2 Nm	750 N	25 pcs	386429
MP-H 52-59 M8/M10	52 – 59 mm		M8/M10	96.2 mm	20 x 1.2 mm	48,1 mm	49.5 mm	M5	2 Nm	750 N	25 pcs	386430
MP-H 59-66 M8/M10	59 – 66 mm	2"	M8/M10	103.6 mm	20 x 1.2 mm	51,8 mm	53.0 mm	M5	2 Nm	750 N	10 pcs	386431
MP-H 66-74 M8/M10	66 – 74 mm		M8/M10	112.5 mm	20 x 1.2 mm	56,25 mm	57.0 mm	M5	2 Nm	750 N	10 pcs	386432
MP-H 74-83 M8/M10	74 – 83 mm	2 ½"	M8/M10	130.0 mm	20 x 1.2 mm	65 mm	62.0 mm	M5	2 Nm	1200 N	10 pcs	386433
MP-H 83-92 M8/M10	83 – 92 mm	3"	M8/M10	140.0 mm	20 x 1.2 mm	70 mm	66.8 mm	M5	2 Nm	1200 N	10 pcs	386434
MP-H 92-101 M8/M10	92 – 101 mm		M8/M10	148.5 mm	20 x 1.2 mm	74,25 mm	71.5 mm	M5	2 Nm	1200 N	10 pcs	386435
MP-H 101-110 M8/M10	101 – 110 mm		M8/M10	159.7 mm	20 x 1.2 mm	79,85 mm	76.1 mm	M5	2 Nm	1200 N	10 pcs	386436
MP-H 110-119 M8/M10	110 – 119 mm	4"	M8/M10	169.3 mm	25 x 1.8 mm	84,65 mm	81.0 mm	M6	2 Nm	1200 N	10 pcs	386437
MP-H 119-127 M8/M10	119 – 127 mm		M8/M10	178.7 mm	25 x 2.2 mm	89,35 mm	86.3 mm	M6	2 Nm	1500 N	10 pcs	386438
MP-H 127-137 M8/M10	127 – 137 mm		M8/M10	190.0 mm	25 x 2.2 mm	95 mm	92.0 mm	M6	2 Nm	1500 N	10 pcs	386439
MP-H 137-145 M8/M10	137 – 145 mm	5"	M8/M10	199.5 mm	25 x 2.2 mm	99,75 mm	96.5 mm	M6	2 Nm	1500 N	10 pcs	386440
MP-H 145-155 M8/M10	145 – 155 mm		M8/M10	210.3 mm	25 x 2.2 mm	105,15 mm	101.7 mm	M6	2 Nm	1500 N	10 pcs	386441
MP-H 155-163 M8/M10	155 – 163 mm		M8/M10	222.7 mm	25 x 2.2 mm	111,35 mm	106.5 mm	M6	2 Nm	1500 N	10 pcs	386442
MP-H 163-172 M8/M10	163 – 172 mm	6"	M8/M10	232.0 mm	25 x 2.2 mm	116 mm	111.0 mm	M6	2 Nm	1500 N	10 pcs	386443

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			maximum deformation in case of fire - δt	
						30 min	60 min	90 min	30 min	> 30 min
16-45 mm	20 x 1.2 mm	M8/M10	M5	2 Nm	600 N	270 N	140 N	90 N	27 mm	30 mm
45-74 mm	20 x 1.2 mm	M8/M10	M5	2 Nm	750 N	280 N	180 N	140 N	39 mm	39 mm
74-119 mm	20 x 1.2 mm	M8/M10	M6	2 Nm	1200 N	580 N	320 N	230 N	46 mm	46 mm
119-172 mm	25 x 2.2 mm	M8/M10	M6	2 Nm	1500 N	640 N	410 N	310 N	54 mm	54 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Pipe Clamp MP-H M8/M10 Set


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Applications

- Pipe installation without sound insulation

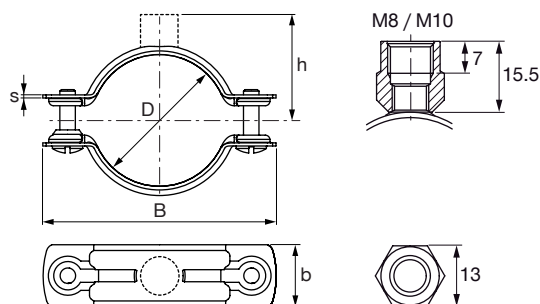
Advantages

- Two-screw pipe clamp with side swiveling mechanism
- Click closure for easier and faster pre-fixing


[Link to Instruction For Use](#)

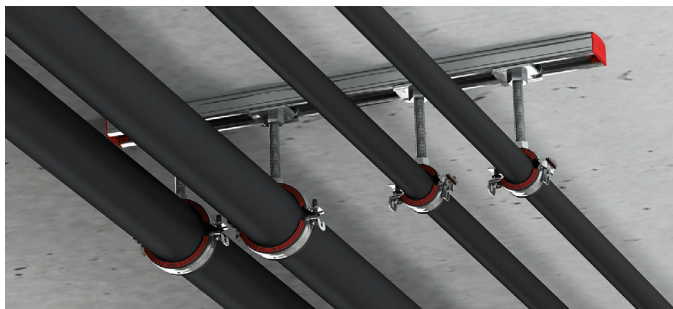
Technical data

Material composition	DC01 - DIN EN 10130
Surface finish	Indoor coated - electro galvanized
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Further information	Set including 2 residential Pipe Clamp, 2 hanger bolts, 2 HUD anchors



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-H 45-52 M8/M10	45-52 mm	1 ½"	M8/M10	86 mm	20 x 1.2 mm	43 mm	46 mm	M5	2 Nm	500 N	2 pcs	386449
MP-H 52-59 M8/M10	52-59 mm		M8/M10	93 mm	20 x 1.2 mm	46,5 mm	49 mm	M5	2 Nm	500 N	2 pcs	386450
MP-H 59-66 M8/M10	59-66 mm	2"	M8/M10	100 mm	20 x 1.2 mm	50 mm	53 mm	M5	2 Nm	500 N	2 pcs	386451
MP-H 74-83 M8/M10	74-83 mm	2 ½"	M8/M10	128 mm	25 x 1.8 mm	64 mm	63 mm	M6	2 Nm	1000 N	2 pcs	386453
MP-H 83-92 M8/M10	83-92 mm	3"	M8/M10	137 mm	25 x 1.8 mm	68,5 mm	67 mm	M6	2 Nm	1000 N	2 pcs	386454
MP-H 110-119 M8/M10	110-119 mm	4"	M8/M10	164 mm	25 x 1.8 mm	82 mm	81 mm	M6	2 Nm	1000 N	2 pcs	386457
MP-H 119-127 M8/M10	119-127 mm		M8/M10	175 mm	25 x 2.2 mm	87,5 mm	86 mm	M6	2 Nm	1000 N	2 pcs	386458
Clamping range - D	Cross section width x thickness (b x s)		Thread - M	Clamp screw		Torque		Maximum load - F				
45-66 mm	20 x 1.2 mm		M8/M10	M5		2 Nm		500 N				
74-119 mm	25 x 1.8 mm		M8/M10	M6		2 Nm		1000 N				
119-127 mm	25 x 2.2 mm		M8/M10	M6		2 Nm		1000 N				

Pipe Clamp MP-U-I M8


1

Applications

- Medium-duty pipe installations up to 2"
- Fastening fresh water, waste water and heating pipes in residential and industrial construction

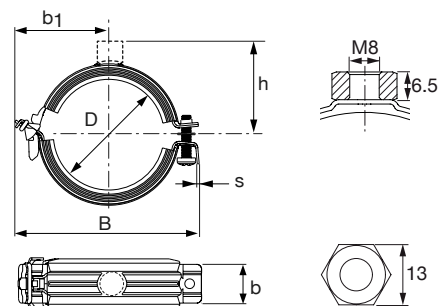
Advantages

- Quick-closing safety mechanism – makes pipe installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-clamp gives you easier, un-hindered access when inserting pipes into the pipe clamp
- More flexibility – Pipe Clamp available with a variety of connection head options
- Complete clamping range – from the smallest to largest diameter across the entire product range
- Profiled rubber inlay with tested sound decoupling – more secure, low-friction surface for easier positioning of the pipe


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130, DD11 – DIN EN 10111, Screw strength 8.8
Surface finish	Indoor coated - electro galvanized
Insulation material	TPE (thermoplastic elastomer)
Hardness insulation material	59°/90° ±3° Shore A
Noise reduction	19.4 dB (A)
Temperature resistance	-40°C – 110°C
Locking type	Three-stage locking with one bolt
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952, Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U-I 9-13 1/8" M8	9–13 mm	1/8"	M8	45.9 mm	20 x 1.0 mm	23.4 mm	18 mm	M5	1 Nm	800 N	25 pcs	2242237
MP-U-I 13-17 1/4" M8	13–17 mm	1/4"	M8	49.1 mm	20 x 1.0 mm	25.1 mm	19.5 mm	M5	1 Nm	800 N	25 pcs	2242238
MP-U-I 17-21 3/8" M8	17–21 mm	3/8"	M8	53.3 mm	20 x 1.0 mm	27.2 mm	21.5 mm	M5	1 Nm	800 N	25 pcs	2242239
MP-U-I 21-25 1/2" M8	21–25 mm	1/2"	M8	56.4 mm	20 x 1.0 mm	29.3 mm	24 mm	M5	1 Nm	800 N	25 pcs	2242250
MP-U-I 25-29 3/4" M8	25–29 mm	3/4"	M8	61.5 mm	20 x 1.0 mm	31.9 mm	26.5 mm	M5	1 Nm	800 N	25 pcs	2242251
MP-U-I 29-33 M8	29–33 mm		M8	65.8 mm	20 x 1.0 mm	33.9 mm	28.5 mm	M5	1 Nm	800 N	25 pcs	2242252
MP-U-I 33-37 1" M8	33–37 mm	1"	M8	69.9 mm	20 x 1.0 mm	35.9 mm	30.5 mm	M5	1 Nm	800 N	25 pcs	2242253
MP-U-I 37-42 M8	37–42 mm		M8	74.9 mm	20 x 1.0 mm	38.4 mm	33 mm	M5	1 Nm	800 N	25 pcs	2242254
MP-U-I 42-47 1 1/4" M8	42–47 mm	1 1/4"	M8	80 mm	20 x 1.0 mm	40.9 mm	35.5 mm	M5	1 Nm	800 N	25 pcs	2242255
MP-U-I 47-52 1 1/2" M8	47–52 mm	1 1/2"	M8	85.2 mm	20 x 1.0 mm	43.5 mm	38 mm	M5	1 Nm	800 N	25 pcs	2242256
MP-U-I 52-57 M8	52–57 mm		M8	90.3 mm	20 x 1.0 mm	46 mm	40.5 mm	M5	1 Nm	800 N	25 pcs	2305363
MP-U-I 57-62 2" M8	57–62 mm	2"	M8	95.3 mm	20 x 1.0 mm	48.5 mm	43 mm	M5	1 Nm	800 N	25 pcs	2305364

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			maximum deformation in case of fire - δt	
						30 min	60 min	90 min	30 min	> 30 min
9 - 62 mm	20 x 1.0 mm	M8	M5	1 Nm	800 N	no approval				

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Pipe Clamp MP-U-I M8/M10



1

Applications

- Medium-duty pipe installations up to 6"
- Fastening fresh water, waste water and heating pipes in residential and industrial construction
- Installing pipes in areas with fire safety requirements, such as escape and rescue routes
- Recommended for use in dry, interior environments

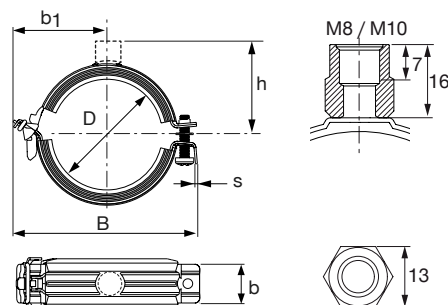
Advantages

- Quick-closing safety mechanism – makes pipe installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-clamp gives you easier, un-hindered access when inserting pipes into the pipe clamp
- More flexibility – Pipe Clamp available with a variety of connection head options
- Complete clamping range – from the smallest to largest diameter across the entire product range
- Profiled rubber inlay with tested sound decoupling – more secure, low-friction surface for easier positioning of the pipe


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130, DD11 - DIN EN 10111, Screw strength 8.8
Surface finish	Indoor coated - electro galvanized
Insulation material	TPE (thermoplastic elastomer)
Hardness insulation material	59°/90° ±3° Shore A
Noise reduction	19.4 dB (A)
Temperature resistance	-40°C – 110°C
Locking type	Three-stage locking with one bolt
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952, Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U-I 9-13 1/8" M8/10	9–13 mm	1/8"	M8/M10	45.9 mm	20 x 1.0 mm	23.4 mm	27.5 mm	M5	1 Nm	800 N	25 pcs	2242258
MP-U-I 13-17 1/4" M8/10	13–17 mm	1/4"	M8/M10	49.1 mm	20 x 1.0 mm	25.1 mm	29 mm	M5	1 Nm	800 N	25 pcs	2242259
MP-U-I 17-21 3/8" M8/10	17–21 mm	3/8"	M8/M10	53.3 mm	20 x 1.0 mm	27.2 mm	31 mm	M5	1 Nm	800 N	25 pcs	2242260
MP-U-I 21-25 1/2" M8/10	21–25 mm	1/2"	M8/M10	56.4 mm	20 x 1.0 mm	29.3 mm	33.5 mm	M5	1 Nm	800 N	25 pcs	2242261
MP-U-I 25-29 3/4" M8/10	25–29 mm	3/4"	M8/M10	61.5 mm	20 x 1.0 mm	31.9 mm	36 mm	M5	1 Nm	800 N	25 pcs	2242262
MP-U-I 29-33 M8/10	29–33 mm		M8/M10	65.8 mm	20 x 1.0 mm	33.9 mm	38 mm	M5	1 Nm	800 N	25 pcs	2242263
MP-U-I 33-37 1" M8/10	33–37 mm	1"	M8/M10	69.9 mm	20 x 1.0 mm	35.9 mm	40 mm	M5	1 Nm	800 N	25 pcs	2242264
MP-U-I 37-42 M8/10	37–42 mm		M8/M10	74.9 mm	20 x 1.0 mm	38.4 mm	42.5 mm	M5	1 Nm	800 N	25 pcs	2242265
MP-U-I 42-47 1 1/4" M8/10	42–47 mm	1 1/4"	M8/M10	80 mm	20 x 1.0 mm	40.9 mm	45 mm	M5	1 Nm	800 N	25 pcs	2242266
MP-U-I 47-52 1 1/2" M8/10	47–52 mm	1 1/2"	M8/M10	85.2 mm	20 x 1.0 mm	43.5 mm	47.5 mm	M5	1 Nm	800 N	25 pcs	2242267
MP-U-I 52-57 M8/10	52–57 mm		M8/M10	90.3 mm	20 x 1.0 mm	46 mm	50 mm	M5	1 Nm	800 N	25 pcs	2242268
MP-U-I 57-62 2" M8/10	57–62 mm	2"	M8/M10	95.3 mm	20 x 1.0 mm	48.5 mm	52.5 mm	M5	1 Nm	800 N	10 pcs	2242269
MP-U-I 62-67 M8/10	62–67 mm		M8/M10	109.7 mm	24 x 1.5 mm	55.7 mm	55.7 mm	M6	2 Nm	1400 N	10 pcs	2242270
MP-U-I 67-72 M8/10	67–72 mm		M8/M10	114.7 mm	24 x 1.5 mm	58.2 mm	58.2 mm	M6	2 Nm	1400 N	10 pcs	2242271
MP-U-I 72-77 2 1/2" M8/10	72–77 mm	2 1/2"	M8/M10	119.7 mm	24 x 1.5 mm	60.7 mm	60.7 mm	M6	2 Nm	1400 N	10 pcs	2242272
MP-U-I 78-84 M8/10	78–84 mm		M8/M10	126.7 mm	24 x 1.5 mm	64.2 mm	64.2 mm	M6	2 Nm	1400 N	10 pcs	2242273
MP-U-I 84-90 3" M8/10	84–90 mm	3"	M8/M10	132.7 mm	24 x 1.5 mm	67.2 mm	67.2 mm	M6	2 Nm	1400 N	10 pcs	2242274
MP-U-I 90-96 M8/10	90–96 mm		M8/M10	138.7 mm	24 x 1.5 mm	70.2 mm	70.2 mm	M6	2 Nm	1400 N	10 pcs	2242275
MP-U-I 97-103 M8/10	97–103 mm		M8/M10	152.4 mm	24 x 1.8 mm	75.1 mm	74 mm	M8	3 Nm	1800 N	10 pcs	2242276
MP-U-I 103-109 M8/10	103–109 mm		M8/M10	159.5 mm	24 x 1.8 mm	78.6 mm	77.5 mm	M8	3 Nm	1800 N	10 pcs	2242277
MP-U-I 109-115 4" M8/10	109–115 mm	4"	M8/M10	165.5 mm	24 x 1.8 mm	81.6 mm	80.5 mm	M8	3 Nm	1800 N	10 pcs	2242278

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Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U-I 115-121 M8/10	115-121 mm		M8/M10	171.5 mm	24 x 1.8 mm	84.6 mm	83.5 mm	M8	3 Nm	1800 N	10 pcs	2242279
MP-U-I 122-128 M8/10	122-128 mm		M8/M10	178.5 mm	24 x 1.8 mm	88.1 mm	87 mm	M8	3 Nm	1800 N	10 pcs	2242280
MP-U-I 129-135 M8/10	129-135 mm		M8/M10	185.5 mm	24 x 1.8 mm	91.7 mm	90.5 mm	M8	3 Nm	1800 N	10 pcs	2242281
MP-U-I 135-141 5" M8/10	135-141 mm	5"	M8/M10	191.5 mm	24 x 1.8 mm	94.7 mm	93.5 mm	M8	3 Nm	1800 N	10 pcs	2305365
MP-U-I 141-147 M8/10	141-147 mm		M8/M10	201 mm	24 x 2.0 mm	100.7 mm	96.5 mm	M8	3 Nm	2400 N	10 pcs	2305366
MP-U-I 147-153 M8/10	147-153 mm		M8/M10	207 mm	24 x 2.0 mm	103.7 mm	99.5 mm	M8	3 Nm	2400 N	10 pcs	2305367
MP-U-I 154-160 M8/10	154-160 mm		M8/M10	214 mm	24 x 2.0 mm	107.2 mm	103 mm	M8	3 Nm	2400 N	10 pcs	2305368
MP-U-I 160-166 6" M8/10	160-166 mm	6"	M8/M10	220 mm	24 x 2.0 mm	110.2 mm	106 mm	M8	3 Nm	2400 N	10 pcs	2305369
MP-U-I 164-170 M8/10	164-170 mm		M8/M10	224 mm	24 x 2.0 mm	112.2 mm	108 mm	M8	3 Nm	2400 N	10 pcs	2305370

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			maximum deformation in case of fire - δt	
						30 min	60 min	90 min	30 min	> 30 min
9 - 37 mm	20 x 1.0 mm	M8/M10	M5	1 Nm	800 N	215 N	137 N	111 N	22 mm	30 mm
37 - 62 mm	20 x 1.0 mm	M8/M10	M5	1 Nm	800 N	314 N	182 N	138 N	25 mm	37 mm
62 - 96 mm	24 x 1.5 mm	M8/M10	M6	2 Nm	1400 N	689 N	392 N	293 N	29 mm	33 mm
97 - 141 mm	24 x 1.8 mm	M8/M10	M8	3 Nm	1800 N	912 N	497 N	358 N	32 mm	53 mm
141 - 170 mm	24 x 2.0 mm	M8/M10	M8	3 Nm	2400 N	993 N	563 N	419 N	50 mm	61 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990). based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Pipe Clamp MP-U-I M8/M10/O16



1

Applications

- Medium-duty pipe installations up to 6"
- Fastening fresh water, waste water and heating pipes in residential and industrial construction
- Installing pipes in areas with fire safety requirements, such as escape and rescue routes

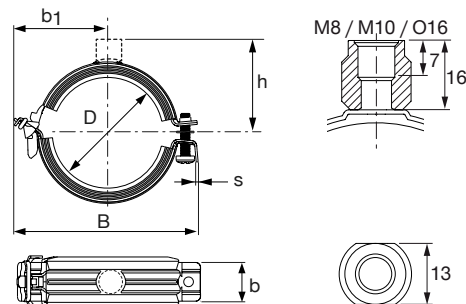
Advantages

- Quick-closing safety mechanism – makes pipe installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-clamp gives you easier, un-hindered access when inserting pipes into the pipe clamp
- Complete clamping range – from the smallest to largest diameter across the entire product range
- Profiled rubber inlay with tested sound decoupling – more secure, low-friction surface for easier positioning of the pipe


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130, DD11 - DIN EN 10111, Screw strength 8.8
Surface finish	Indoor coated - electro galvanized
Insulation material	TPE (thermoplastic elastomer)
Hardness insulation material	59°/90° ±3° Shore A
Noise reduction	19.4 dB (A)
Temperature resistance	-40°C – 110°C
Locking type	Three-stage locking with one bolt
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952, Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U-I 9-13 1/8" M8/10/O16	9–13 mm	1/8"	M8/10/O16	45.9 mm	20 x 1.0 mm	23.4 mm	27.5 mm	M5	1 Nm	800 N	25 pcs	2242308
MP-U-I 13-17 1/4" M8/10/O16	13–17 mm	1/4"	M8/10/O16	49.1 mm	20 x 1.0 mm	25.1 mm	29 mm	M5	1 Nm	800 N	25 pcs	2242309
MP-U-I 17-21 3/8" M8/10/O16	17–21 mm	3/8"	M8/10/O16	53.3 mm	20 x 1.0 mm	27.2 mm	31 mm	M5	1 Nm	800 N	25 pcs	2242310
MP-U-I 21-25 1/2" M8/10/O16	21–25 mm	1/2"	M8/10/O16	56.4 mm	20 x 1.0 mm	29.3 mm	33.5 mm	M5	1 Nm	800 N	25 pcs	2242311
MP-U-I 25-29 3/4" M8/10/O16	25–29 mm	3/4"	M8/10/O16	61.5 mm	20 x 1.0 mm	31.9 mm	36 mm	M5	1 Nm	800 N	25 pcs	2242312
MP-U-I 29-33 M8/10/O16	29–33 mm		M8/10/O16	65.8 mm	20 x 1.0 mm	33.9 mm	38 mm	M5	1 Nm	800 N	25 pcs	2242313
MP-U-I 33-37 1" M8/10/O16	33–37 mm	1"	M8/10/O16	69.9 mm	20 x 1.0 mm	35.9 mm	40 mm	M5	1 Nm	800 N	25 pcs	2242314
MP-U-I 37-42 M8/10/O16	37–42 mm		M8/10/O16	74.9 mm	20 x 1.0 mm	38.4 mm	42.5 mm	M5	1 Nm	800 N	25 pcs	2242315
MP-U-I 42-47 1 1/4" M8/10/O16	42–47 mm	1 1/4"	M8/10/O16	80 mm	20 x 1.0 mm	40.9 mm	45 mm	M5	1 Nm	800 N	25 pcs	2242316
MP-U-I 47-52 1 1/2" M8/10/O16	47–52 mm	1 1/2"	M8/10/O16	85.2 mm	20 x 1.0 mm	43.5 mm	47.5 mm	M5	1 Nm	800 N	25 pcs	2242317
MP-U-I 52-57 M8/10/O16	52–57 mm		M8/10/O16	90.3 mm	20 x 1.0 mm	46 mm	50 mm	M5	1 Nm	800 N	25 pcs	2242318
MP-U-I 57-62 2" M8/10/O16	57–62 mm	2"	M8/10/O16	95.3 mm	20 x 1.0 mm	48.5 mm	52.5 mm	M5	1 Nm	800 N	10 pcs	2242319
MP-U-I 62-67 M8/10/O16	62–67 mm		M8/10/O16	109.7 mm	24 x 1.5 mm	55.7 mm	55.7 mm	M6	2 Nm	1400 N	10 pcs	2242320
MP-U-I 67-72 M8/10/O16	67–72 mm		M8/10/O16	114.7 mm	24 x 1.5 mm	58.2 mm	58.2 mm	M6	2 Nm	1400 N	10 pcs	2242321
MP-U-I 72-77 2 1/2" M8/10/O16	72–77 mm	2 1/2"	M8/10/O16	119.7 mm	24 x 1.5 mm	60.7 mm	60.7 mm	M6	2 Nm	1400 N	10 pcs	2242322
MP-U-I 78-84 M8/10/O16	78–84 mm		M8/10/O16	126.7 mm	24 x 1.5 mm	64.2 mm	64.2 mm	M6	2 Nm	1400 N	10 pcs	2242323
MP-U-I 84-90 3" M8/10/O16	84–90 mm	3"	M8/10/O16	132.7 mm	24 x 1.5 mm	67.2 mm	67.2 mm	M6	2 Nm	1400 N	10 pcs	2242324
MP-U-I 90-96 M8/10/O16	90–96 mm		M8/10/O16	138.7 mm	24 x 1.5 mm	70.2 mm	70.2 mm	M6	2 Nm	1400 N	10 pcs	2242325
MP-U-I 97-103 M8/10/O16	97–103 mm		M8/10/O16	152.4 mm	24 x 1.8 mm	75.1 mm	74 mm	M8	3 Nm	1800 N	10 pcs	2242326
MP-U-I 103-109 M8/10/O16	103–109 mm		M8/10/O16	159.5 mm	24 x 1.8 mm	78.6 mm	77.5 mm	M8	3 Nm	1800 N	10 pcs	2242327
MP-U-I 109-115 4" M8/10/O16	109–115 mm	4"	M8/10/O16	165.5 mm	24 x 1.8 mm	81.6 mm	80.5 mm	M8	3 Nm	1800 N	10 pcs	2242328

table continued on next page

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Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U-I 115-121 M8/10/O16	115-121 mm		M8/10/O16	171.5 mm	24 x 1.8 mm	84.6 mm	83.5 mm	M8	3 Nm	1800 N	10 pcs	2242329
MP-U-I 122-128 M8/10/O16	122-128 mm		M8/10/O16	178.5 mm	24 x 1.8 mm	88.1 mm	87 mm	M8	3 Nm	1800 N	10 pcs	2242330
MP-U-I 129-135 M8/10/O16	129-135 mm		M8/10/O16	185.5 mm	24 x 1.8 mm	91.7 mm	90.5 mm	M8	3 Nm	1800 N	10 pcs	2242331
MP-U-I 135-141 5" M8/10/O16	135-141 mm	5"	M8/10/O16	191.5 mm	24 x 1.8 mm	94.7 mm	93.5 mm	M8	3 Nm	1800 N	10 pcs	2305377
MP-U-I 141-147 M8/10/O16	141-147 mm		M8/10/O16	201 mm	24 x 2.0 mm	100.7 mm	96.5 mm	M8	3 Nm	2400 N	10 pcs	2305378
MP-U-I 147-153 M8/10/O16	147-153 mm		M8/10/O16	207 mm	24 x 2.0 mm	103.7 mm	99.5 mm	M8	3 Nm	2400 N	10 pcs	2305379
MP-U-I 154-160 M8/10/O16	154-160 mm		M8/10/O16	214 mm	24 x 2.0 mm	107.2 mm	103 mm	M8	3 Nm	2400 N	10 pcs	2305380
MP-U-I 160-166 6" M8/10/O16	160-166 mm	6"	M8/10/O16	220 mm	24 x 2.0 mm	110.2 mm	106 mm	M8	3 Nm	2400 N	10 pcs	2305381
MP-U-I 164-170 M8/10/O16	164-170 mm		M8/10/O16	224 mm	24 x 2.0 mm	112.2 mm	108 mm	M8	3 Nm	2400 N	10 pcs	2305382

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			maximum deformation in case of fire - δt	
						30 min	60 min	90 min	30 min	> 30 min
9 - 37 mm	20 x 1.0 mm	M8/10/O16	M5	1 Nm	800 N	184 N	121 N	100 N	22 mm	30 mm
37 - 62 mm	20 x 1.0 mm	M8/10/O16	M5	1 Nm	800 N	261 N	155 N	120 N	25 mm	37 mm
62 - 96 mm	24 x 1.5 mm	M8/10/O16	M6	2 Nm	1400 N	570 N	333 N	253 N	29 mm	33 mm
97 - 141 mm	24 x 1.8 mm	M8/10/O16	M8	3 Nm	1800 N	746 N	414 N	303 N	32 mm	53 mm
141 - 170 mm	24 x 2.0 mm	M8/10/O16	M8	3 Nm	2400 N	821 N	477 N	362 N	50 mm	61 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990). based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Pipe Clamp MP-U-I M8/M10/1/2"



1

Applications

- Medium-duty pipe installations up to 6"
- Fastening fresh water, waste water and heating pipes in residential and industrial construction
- Sanitary and heating applications with various pipe materials
- Installing pipes in areas with fire safety requirements, such as escape and rescue routes

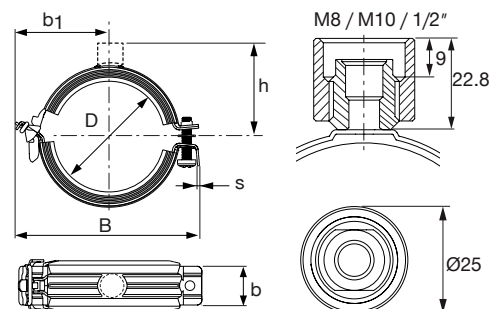
Advantages

- Quick-closing safety mechanism – makes pipe installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-clamp gives you easier, un-hindered access when inserting pipes into the pipe clamp
- Complete clamping range – from the smallest to largest diameter across the entire product range
- Profiled rubber inlay with tested sound decoupling – more secure, low-friction surface for easier positioning of the pipe


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130, DD11 - DIN EN 10111, Screw strength 8.8
Surface finish	Indoor coated - electro galvanized
Insulation material	TPE (thermoplastic elastomer)
Hardness insulation material	59°/90° ±3° Shore A
Noise reduction	19.4 dB (A)
Temperature resistance	-40°C – 110°C
Locking type	Three-stage locking with one bolt
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952, Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U-I 9-13 1/8" M8/10/1/2"	9–13 mm	1/8"	M8/10/1/2"	45.9 mm	20 x 1.0 mm	23.4 mm	34.3 mm	M5	1 Nm	800 N	25 pcs	2242283
MP-U-I 13-17 1/4" M8/10/1/2"	13–17 mm	1/4"	M8/10/1/2"	49.1 mm	20 x 1.0 mm	25.1 mm	35.8 mm	M5	1 Nm	800 N	25 pcs	2242284
MP-U-I 17-21 3/8" M8/10/1/2"	17–21 mm	3/8"	M8/10/1/2"	53.3 mm	20 x 1.0 mm	27.2 mm	37.8 mm	M5	1 Nm	800 N	25 pcs	2242285
MP-U-I 21-25 1/2" M8/10/1/2"	21–25 mm	1/2"	M8/10/1/2"	56.4 mm	20 x 1.0 mm	29.3 mm	40.3 mm	M5	1 Nm	800 N	25 pcs	2242286
MP-U-I 25-29 3/4" M8/10/1/2"	25–29 mm	3/4"	M8/10/1/2"	61.5 mm	20 x 1.0 mm	31.9 mm	42.8 mm	M5	1 Nm	800 N	25 pcs	2242287
MP-U-I 29-33 M8/10/1/2"	29–33 mm		M8/10/1/2"	65.8 mm	20 x 1.0 mm	33.9 mm	44.8 mm	M5	1 Nm	800 N	25 pcs	2242288
MP-U-I 33-37 1" M8/10/1/2"	33–37 mm	1"	M8/10/1/2"	69.9 mm	20 x 1.0 mm	35.9 mm	46.8 mm	M5	1 Nm	800 N	25 pcs	2242289
MP-U-I 37-42 M8/10/1/2"	37–42 mm		M8/10/1/2"	74.9 mm	20 x 1.0 mm	38.4 mm	49.3 mm	M5	1 Nm	800 N	25 pcs	2242290
MP-U-I 42-47 1 1/4" M8/10/1/2"	42–47 mm	1 1/4"	M8/10/1/2"	80 mm	20 x 1.0 mm	40.9 mm	51.8 mm	M5	1 Nm	800 N	25 pcs	2242291
MP-U-I 47-52 1 1/2" M8/10/1/2"	47–52 mm	1 1/2"	M8/10/1/2"	85.2 mm	20 x 1.0 mm	43.5 mm	54.3 mm	M5	1 Nm	800 N	25 pcs	2242292
MP-U-I 52-57 M8/10/1/2"	52–57 mm		M8/10/1/2"	90.3 mm	20 x 1.0 mm	46 mm	56.8 mm	M5	1 Nm	800 N	25 pcs	2242293
MP-U-I 57-62 2" M8/10/1/2"	57–62 mm	2"	M8/10/1/2"	95.3 mm	20 x 1.0 mm	48.5 mm	59.3 mm	M5	1 Nm	800 N	10 pcs	2242294
MP-U-I 62-67 M8/10/1/2"	62–67 mm		M8/10/1/2"	109.7 mm	24 x 1.5 mm	55.7 mm	62.5 mm	M6	2 Nm	1400 N	10 pcs	2242295
MP-U-I 67-72 M8/10/1/2"	67–72 mm		M8/10/1/2"	114.7 mm	24 x 1.5 mm	58.2 mm	65 mm	M6	2 Nm	1400 N	10 pcs	2242296
MP-U-I 72-77 2 1/2" M8/10/1/2"	72–77 mm	2 1/2"	M8/10/1/2"	119.7 mm	24 x 1.5 mm	60.7 mm	67.5 mm	M6	2 Nm	1400 N	10 pcs	2242297
MP-U-I 78-84 M8/10/1/2"	78–84 mm		M8/10/1/2"	126.7 mm	24 x 1.5 mm	64.2 mm	71 mm	M6	2 Nm	1400 N	10 pcs	2242298
MP-U-I 84-90 3" M8/10/1/2"	84–90 mm	3"	M8/10/1/2"	132.7 mm	24 x 1.5 mm	67.2 mm	74 mm	M6	2 Nm	1400 N	10 pcs	2242299
MP-U-I 90-96 M8/10/1/2"	90–96 mm		M8/10/1/2"	138.7 mm	24 x 1.5 mm	70.2 mm	77 mm	M6	2 Nm	1400 N	10 pcs	2242300
MP-U-I 97-103 M8/10/1/2"	97–103 mm		M8/10/1/2"	152.4 mm	24 x 1.8 mm	75.1 mm	80.8 mm	M8	3 Nm	1800 N	10 pcs	2242301
MP-U-I 103-109 M8/10/1/2"	103–109 mm		M8/10/1/2"	159.5 mm	24 x 1.8 mm	78.6 mm	84.3 mm	M8	3 Nm	1800 N	10 pcs	2242302
MP-U-I 109-115 4" M8/10/1/2"	109–115 mm	4"	M8/10/1/2"	165.5 mm	24 x 1.8 mm	81.6 mm	87.3 mm	M8	3 Nm	1800 N	10 pcs	2242303

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Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U-I 115-121 M8/10/½"	115–121 mm		M8/10/½"	171.5 mm	24 x 1.8 mm	84.6 mm	90.3 mm	M8	3 Nm	1800 N	10 pcs	2242304
MP-U-I 122-128 M8/10/½"	122–128 mm		M8/10/½"	178.5 mm	24 x 1.8 mm	88.1 mm	93.8 mm	M8	3 Nm	1800 N	10 pcs	2242305
MP-U-I 129-135 M8/10/½"	129–135 mm		M8/10/½"	185.5 mm	24 x 1.8 mm	91.7 mm	97.3 mm	M8	3 Nm	1800 N	10 pcs	2242306
MP-U-I 135-141 5" M8/10/½"	135–141 mm	5"	M8/10/½"	191.5 mm	24 x 1.8 mm	94.7 mm	100.3 mm	M8	3 Nm	1800 N	10 pcs	2305371
MP-U-I 141-147 M8/10/½"	141–147 mm		M8/10/½"	201 mm	24 x 2.0 mm	100.7 mm	103.3 mm	M8	3 Nm	2400 N	10 pcs	2305372
MP-U-I 147-153 M8/10/½"	147–153 mm		M8/10/½"	207 mm	24 x 2.0 mm	103.7 mm	106.3 mm	M8	3 Nm	2400 N	10 pcs	2305373
MP-U-I 154-160 M8/10/½"	154–160 mm		M8/10/½"	214 mm	24 x 2.0 mm	107.2 mm	109.8 mm	M8	3 Nm	2400 N	10 pcs	2305374
MP-U-I 160-166 6" M8/10/½"	160–166 mm	6"	M8/10/½"	220 mm	24 x 2.0 mm	110.2 mm	112.8 mm	M8	3 Nm	2400 N	10 pcs	2305375
MP-U-I 164-170 M8/10/½"	164–170 mm		M8/10/½"	224 mm	24 x 2.0 mm	112.2 mm	114.8 mm	M8	3 Nm	2400 N	10 pcs	2305376

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			maximum deformation in case of fire - δt	
						30 min	60 min	90 min	30 min	> 30 min
9 - 37 mm	20 x 1.0 mm	M8/10/½"	M5	1 Nm	800 N	184 N	121 N	100 N	22 mm	30 mm
37 - 62 mm	20 x 1.0 mm	M8/10/½"	M5	1 Nm	800 N	261 N	155 N	120 N	25 mm	37 mm
62 - 96 mm	24 x 1.5 mm	M8/10/½"	M6	2 Nm	1400 N	570 N	333 N	253 N	29 mm	33 mm
97 - 141 mm	24 x 1.8 mm	M8/10/½"	M8	3 Nm	1800 N	746 N	414 N	303 N	32 mm	53 mm
141 - 170 mm	24 x 2.0 mm	M8/10/½"	M8	3 Nm	2400 N	821 N	477 N	362 N	50 mm	61 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Pipe Clamp MP-U M8/M10


1

Applications

- Medium-duty pipe installations up to 6"
- Fastening fresh water, waste water and heating pipes in residential and industrial construction
- Sanitary and heating applications with various pipe materials
- Installing pipes in areas with fire safety requirements, such as escape and rescue routes

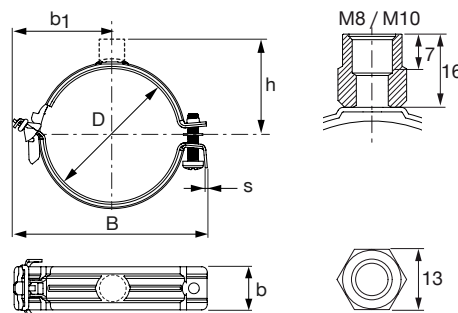
Advantages

- Quick-closing safety mechanism – makes pipe installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-clamp gives you easier, un-hindered access when inserting pipes into the pipe clamp
- More flexibility – Pipe Clamp available with a variety of connection head options
- Complete clamping range – from the smallest to largest diameter across the entire product range


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130, DD11 - DIN EN 10111, Screw strength 8.8
Surface finish	Indoor coated – electro galvanized
Locking type	Three-stage locking with one bolt
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U 13-17 ¼" M8/10	13–17 mm	¼"	M8/M10	45.9 mm	20 x 1.0 mm	23.4 mm	27.5 mm	M5	1 Nm	800 N	25 pcs	2242334
MP-U 16-20 ⅝" M8/10	16–20 mm	⅝"	M8/M10	49.1 mm	20 x 1.0 mm	25.1 mm	29 mm	M5	1 Nm	800 N	25 pcs	2242335
MP-U 20-24 ½" M8/10	20–24 mm	½"	M8/M10	53.3 mm	20 x 1.0 mm	27.2 mm	31 mm	M5	1 Nm	800 N	25 pcs	2242336
MP-U 25-29 ¾" M8/10	25–29 mm	¾"	M8/M10	56.4 mm	20 x 1.0 mm	29.3 mm	33.5 mm	M5	1 Nm	800 N	25 pcs	2242337
MP-U 30-34 1" M8/10	30–34 mm	1"	M8/M10	61.5 mm	20 x 1.0 mm	31.9 mm	36 mm	M5	1 Nm	800 N	25 pcs	2242338
MP-U 34-38 M8/10	34–38 mm		M8/M10	65.8 mm	20 x 1.0 mm	33.9 mm	38 mm	M5	1 Nm	800 N	25 pcs	2242339
MP-U 38-42 M8/10	38–42 mm		M8/M10	69.9 mm	20 x 1.0 mm	35.9 mm	40 mm	M5	1 Nm	800 N	25 pcs	2242340
MP-U 42-47 1 ¼" M8/10	42–47 mm	1 ¼"	M8/M10	74.9 mm	20 x 1.0 mm	38.4 mm	42.5 mm	M5	1 Nm	800 N	25 pcs	2242341
MP-U 47-52 1 ½" M8/10	47–52 mm	1 ½"	M8/M10	80 mm	20 x 1.0 mm	40.9 mm	45 mm	M5	1 Nm	800 N	25 pcs	2242342
MP-U 52-57 M8/10	52–57 mm		M8/M10	85.2 mm	20 x 1.0 mm	43.5 mm	47.5 mm	M5	1 Nm	800 N	25 pcs	2242343
MP-U 57-62 2" M8/10	57–62 mm	2"	M8/M10	90.3 mm	20 x 1.0 mm	46 mm	50 mm	M5	1 Nm	800 N	10 pcs	2242344
MP-U 62-67 M8/10	62–67 mm		M8/M10	95.3 mm	20 x 1.0 mm	48.5 mm	52.5 mm	M5	1 Nm	800 N	10 pcs	2242345
MP-U 67-72 M8/10	67–72 mm		M8/M10	109.7 mm	24 x 1.5 mm	55.7 mm	55.7 mm	M6	2 Nm	1400 N	10 pcs	2242346
MP-U 72-77 2 ½" M8/10	72–77 mm	2 ½"	M8/M10	114.7 mm	24 x 1.5 mm	58.2 mm	58.2 mm	M6	2 Nm	1400 N	10 pcs	2242347
MP-U 77-82 M8/10	77–82 mm		M8/M10	119.7 mm	24 x 1.5 mm	60.7 mm	60.7 mm	M6	2 Nm	1400 N	10 pcs	2242348
MP-U 83-89 3" M8/10	83–89 mm	3"	M8/M10	126.7 mm	24 x 1.5 mm	64.2 mm	64.2 mm	M6	2 Nm	1400 N	10 pcs	2242349
MP-U 89-95 M8/10	89–95 mm		M8/M10	132.7 mm	24 x 1.5 mm	67.2 mm	67.2 mm	M6	2 Nm	1400 N	10 pcs	2242350
MP-U 95-101 M8/10	95–101 mm		M8/M10	138.7 mm	24 x 1.5 mm	70.2 mm	70.2 mm	M6	2 Nm	1400 N	10 pcs	2242351
MP-U 102-108 M8/10	102–108 mm		M8/M10	152.4 mm	24 x 1.8 mm	75.1 mm	74 mm	M8	3 Nm	1800 N	10 pcs	2242352
MP-U 109-115 4" M8/10	109–115 mm	4"	M8/M10	159.5 mm	24 x 1.8 mm	78.6 mm	77.5 mm	M8	3 Nm	1800 N	10 pcs	2242353
MP-U 115-121 M8/10	115–121 mm		M8/M10	165.5 mm	24 x 1.8 mm	81.6 mm	80.5 mm	M8	3 Nm	1800 N	10 pcs	2242354
MP-U 121-127 M8/10	121–127 mm		M8/M10	171.5 mm	24 x 1.8 mm	84.6 mm	83.5 mm	M8	3 Nm	1800 N	10 pcs	2242355
MP-U 128-134 M8/10	128–134 mm		M8/M10	178.5 mm	24 x 1.8 mm	88.1 mm	87 mm	M8	3 Nm	1800 N	10 pcs	2242356
MP-U 135-141 5" M8/10	135–141 mm	5"	M8/M10	185.5 mm	24 x 1.8 mm	91.7 mm	90.5 mm	M8	3 Nm	1800 N	10 pcs	2242357

table continued on next page

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Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U 141-147 M8/10	141-147 mm		M8/M10	191.5 mm	24 x 1.8 mm	94.7 mm	93.5 mm	M8	3 Nm	1800 N	10 pcs	2305351
MP-U 147-153 M8/10	147-153 mm		M8/M10	201 mm	24 x 2.0 mm	100.7 mm	96.5 mm	M8	3 Nm	2400 N	10 pcs	2305352
MP-U 153-159 M8/10	153-159 mm		M8/M10	207 mm	24 x 2.0 mm	103.7 mm	99.5 mm	M8	3 Nm	2400 N	10 pcs	2305353
MP-U 160-166 6" M8/10	160-166 mm	6"	M8/M10	214 mm	24 x 2.0 mm	107.2 mm	103 mm	M8	3 Nm	2400 N	10 pcs	2305354
MP-U 166-172 M8/10	166-172 mm		M8/M10	220 mm	24 x 2.0 mm	110.2 mm	106 mm	M8	3 Nm	2400 N	10 pcs	2305355
MP-U 170-176 M8/10	170-176 mm		M8/M10	224 mm	24 x 2.0 mm	112.2 mm	108 mm	M8	3 Nm	2400 N	10 pcs	2305356

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			maximum deformation in case of fire - δt	
						30 min	60 min	90 min	30 min	> 30 min
13 - 42 mm	20 x 1.0 mm	M8/M10	M5	1 Nm	800 N	215 N	137 N	111 N	22 mm	30 mm
42 - 67 mm	20 x 1.0 mm	M8/M10	M5	1 Nm	800 N	314 N	182 N	138 N	25 mm	37 mm
67 - 101 mm	24 x 1.5 mm	M8/M10	M6	2 Nm	1400 N	689 N	392 N	293 N	29 mm	33 mm
102 - 147 mm	24 x 1.8 mm	M8/M10	M8	3 Nm	1800 N	912 N	497 N	358 N	32 mm	53 mm
147 - 176 mm	24 x 2.0 mm	M8/M10	M8	3 Nm	2400 N	993 N	563 N	419 N	50 mm	61 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990). based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Pipe Clamp MP-U M8/M10/1/2"


1

Applications

- Medium-duty pipe installations up to 6"
- Fastening fresh water, waste water and heating pipes in residential and industrial construction
- Sanitary and heating applications with various pipe materials
- Installing pipes in areas with fire safety requirements, such as escape and rescue routes

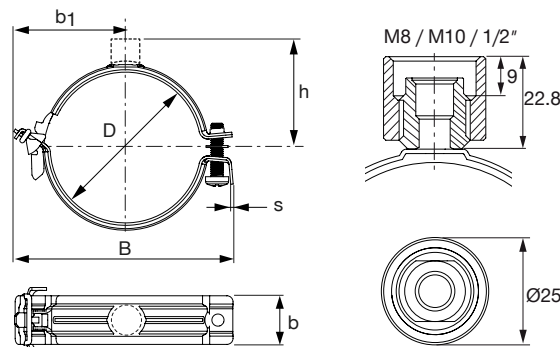
Advantages

- Quick-closing safety mechanism – makes pipe installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-clamp gives you easier, un-hindered access when inserting pipes into the pipe clamp
- More flexibility – Pipe Clamp available with a variety of connection head options
- Complete clamping range – from the smallest to largest diameter across the entire product range


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130, DD11 - DIN EN 10111, Screw strength 8.8
Surface finish	Indoor coated - electro galvanized
Locking type	Three-stage locking with one bolt
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U 13-17 1/4" M8/10/1/2"	13-17 mm	1/4"	M8/10/1/2"	45.9 mm	20 x 1.0 mm	23.4 mm	34.3 mm	M5	1 Nm	800 N	25 pcs	2242359
MP-U 16-20 3/8" M8/10/1/2"	16-20 mm	3/8"	M8/10/1/2"	49.1 mm	20 x 1.0 mm	25.1 mm	35.8 mm	M5	1 Nm	800 N	25 pcs	2242360
MP-U 21-24 1/2" M8/10/1/2"	20-24 mm	1/2"	M8/10/1/2"	53.3 mm	20 x 1.0 mm	27.2 mm	37.8 mm	M5	1 Nm	800 N	25 pcs	2242361
MP-U 25-29 3/4" M8/10/1/2"	25-29 mm	3/4"	M8/10/1/2"	56.4 mm	20 x 1.0 mm	29.3 mm	40.3 mm	M5	1 Nm	800 N	25 pcs	2242362
MP-U 30-34 1" M8/10/1/2"	30-34 mm	1"	M8/10/1/2"	61.5 mm	20 x 1.0 mm	31.9 mm	42.8 mm	M5	1 Nm	800 N	25 pcs	2242363
MP-U 34-38 M8/10/1/2"	34-38 mm		M8/10/1/2"	65.8 mm	20 x 1.0 mm	33.9 mm	44.8 mm	M5	1 Nm	800 N	25 pcs	2242364
MP-U 38-42 M8/10/1/2"	38-42 mm		M8/10/1/2"	69.9 mm	20 x 1.0 mm	35.9 mm	46.8 mm	M5	1 Nm	800 N	25 pcs	2242365
MP-U 42-47 1 1/4" M8/10/1/2"	42-47 mm	1 1/4"	M8/10/1/2"	74.9 mm	20 x 1.0 mm	38.4 mm	49.3 mm	M5	1 Nm	800 N	25 pcs	2242366
MP-U 47-52 1 1/2" M8/10/1/2"	47-52 mm	1 1/2"	M8/10/1/2"	80 mm	20 x 1.0 mm	40.9 mm	51.8 mm	M5	1 Nm	800 N	25 pcs	2242367
MP-U 52-57 M8/10/1/2"	52-57 mm		M8/10/1/2"	85.2 mm	20 x 1.0 mm	43.5 mm	54.3 mm	M5	1 Nm	800 N	25 pcs	2242368
MP-U 57-62 2" M8/10/1/2"	57-62 mm	2"	M8/10/1/2"	90.3 mm	20 x 1.0 mm	46 mm	56.8 mm	M5	1 Nm	800 N	10 pcs	2242369
MP-U 62-67 M8/10/1/2"	62-67 mm		M8/10/1/2"	95.3 mm	20 x 1.0 mm	48.5 mm	59.3 mm	M5	1 Nm	800 N	10 pcs	2242370
MP-U 67-72 M8/10/1/2"	67-72 mm		M8/10/1/2"	109.7 mm	24 x 1.5 mm	55.7 mm	62.5 mm	M6	2 Nm	1400 N	10 pcs	2242371
MP-U 72-77 2 1/2" M8/10/1/2"	72-77 mm	2 1/2"	M8/10/1/2"	114.7 mm	24 x 1.5 mm	58.2 mm	65 mm	M6	2 Nm	1400 N	10 pcs	2242372
MP-U 77-82 M8/10/1/2"	77-82 mm		M8/10/1/2"	119.7 mm	24 x 1.5 mm	60.7 mm	67.5 mm	M6	2 Nm	1400 N	10 pcs	2242373
MP-U 83-89 3" M8/10/1/2"	83-89 mm	3"	M8/10/1/2"	126.7 mm	24 x 1.5 mm	64.2 mm	71 mm	M6	2 Nm	1400 N	10 pcs	2242374
MP-U 89-95 M8/10/1/2"	89-95 mm		M8/10/1/2"	132.7 mm	24 x 1.5 mm	67.2 mm	74 mm	M6	2 Nm	1400 N	10 pcs	2242375
MP-U 95-101 M8/10/1/2"	95-101 mm		M8/10/1/2"	138.7 mm	24 x 1.5 mm	70.2 mm	77 mm	M6	2 Nm	1400 N	10 pcs	2242376

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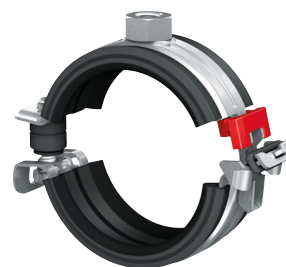
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Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-U 102-108 M8/10/½"	102-108 mm		M8/10/½"	152.4 mm	24 x 1.8 mm	75.1 mm	80.8 mm	M8	3 Nm	1800 N	10 pcs	2242377
MP-U 109-115 4" M8/10/½"	109-115 mm	4"	M8/10/½"	159.5 mm	24 x 1.8 mm	78.6 mm	84.3 mm	M8	3 Nm	1800 N	10 pcs	2242378
MP-U 115-121 M8/10/½"	115-121 mm		M8/10/½"	165.5 mm	24 x 1.8 mm	81.6 mm	87.3 mm	M8	3 Nm	1800 N	10 pcs	2242379
MP-U 121-127 M8/10/½"	121-127 mm		M8/10/½"	171.5 mm	24 x 1.8 mm	84.6 mm	90.3 mm	M8	3 Nm	1800 N	10 pcs	2242380
MP-U 128-134 M8/10/½"	128-134 mm		M8/10/½"	178.5 mm	24 x 1.8 mm	88.1 mm	93.8 mm	M8	3 Nm	1800 N	10 pcs	2242235
MP-U 135-141 5" M8/10/½"	135-141 mm	5"	M8/10/½"	185.5 mm	24 x 1.8 mm	91.7 mm	97.3 mm	M8	3 Nm	1800 N	10 pcs	2242332
MP-U 141-147 M8/10/½"	141-147 mm		M8/10/½"	191.5 mm	24 x 1.8 mm	94.7 mm	100.3 mm	M8	3 Nm	1800 N	10 pcs	2305357
MP-U 147-153 M8/10/½"	147-153 mm		M8/10/½"	201 mm	24 x 2.0 mm	100.7 mm	103.3 mm	M8	3 Nm	2400 N	10 pcs	2305358
MP-U 153-159 M8/10/½"	153-159 mm		M8/10/½"	207 mm	24 x 2.0 mm	103.7 mm	106.3 mm	M8	3 Nm	2400 N	10 pcs	2305359
MP-U 160-166 6" M8/10/½"	160-166 mm	6"	M8/10/½"	214 mm	24 x 2.0 mm	107.2 mm	109.8 mm	M8	3 Nm	2400 N	10 pcs	2305360
MP-U 166-172 M8/10/½"	166-172 mm		M8/10/½"	220 mm	24 x 2.0 mm	110.2 mm	112.8 mm	M8	3 Nm	2400 N	10 pcs	2305361
MP-U 170-176 M8/10/½"	170-176 mm		M8/10/½"	224 mm	24 x 2.0 mm	112.2 mm	114.8 mm	M8	3 Nm	2400 N	10 pcs	2305362

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			maximum deformation in case of fire - δt	
						30 min	60 min	90 min	30 min	> 30 min
9 - 37 mm	20 x 1.0 mm	M8/10/½"	M5	1 Nm	800 N	184 N	121 N	100 N	22 mm	30 mm
37 - 62 mm	20 x 1.0 mm	M8/10/½"	M5	1 Nm	800 N	261 N	155 N	120 N	25 mm	37 mm
62 - 96 mm	24 x 1.5 mm	M8/10/½"	M6	2 Nm	1400 N	570 N	333 N	253 N	29 mm	33 mm
97 - 141 mm	24 x 1.8 mm	M8/10/½"	M8	3 Nm	1800 N	746 N	414 N	303 N	32 mm	53 mm
141 - 170 mm	24 x 2.0 mm	M8/10/½"	M8	3 Nm	2400 N	821 N	477 N	362 N	50 mm	61 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990). based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Low Friction Pipe Clamp MP-U-G M8



Applications

- Fastening plastic pipes and aluminum composite pipes up to 160 mm
- Installations which require low-friction pipe clamps
- Recommended for use in dry, interior environments

Advantages

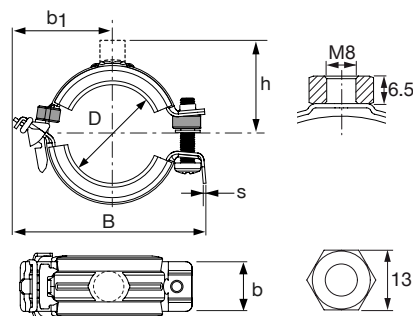
- Safety quick closing mechanism – helps to make installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-ring gives you easier, unhindered access when inserting pipes into the pipe clamp
- More flexibility – pipe clamps available with a variety of connection head options
- Pipe clamp diameters perfectly matched to diameters of plastic pipes and aluminum composite pipes
- Specially designed rubber inlay with low-friction properties to allow pipes to slide
- Removable plastic clip and spacer – easily switch from sliding (low-friction) to clamping (16-56 mm diameter pipe clamps only)



[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130 DD11 - DIN EN 10111
Surface finish	Indoor Coated - Electro galvanized
Insulation material	EPDM rubber
Hardness insulation material	50° ±5° Shore A
Noise reduction	22 dB
Temperature resistance	-50°C - 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952, Sound tested, Building material class B2 / E

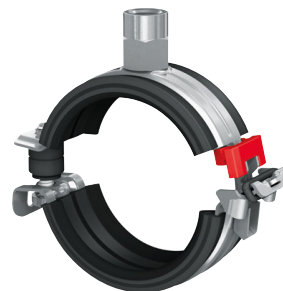


Order Designation	Diameter - D	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Maximum load - F	Sales quantity	Item number
MP-U-G 16 M8	16 mm	M8	53.3 mm	20 x 1.0 mm	27.2 mm	21.5 mm	M5	800 N	25 pcs	2275020
MP-U-G 20 M8	20 mm	M8	56.4 mm	20 x 1.0 mm	29.3 mm	24.0 mm	M5	800 N	25 pcs	2275021
MP-U-G 25 M8	25 mm	M8	61.5 mm	20 x 1.0 mm	31.9 mm	26.5 mm	M5	800 N	25 pcs	2275022
MP-U-G 32 M8	32 mm	M8	69.9 mm	20 x 1.0 mm	35.9 mm	30.5 mm	M5	800 N	25 pcs	2275023
MP-U-G 40 M8	40 mm	M8	74.9 mm	20 x 1.0 mm	38.4 mm	33.0 mm	M5	800 N	25 pcs	2275024
MP-U-G 50 M8	50 mm	M8	85.2 mm	20 x 1.0 mm	43.5 mm	38.0 mm	M5	800 N	25 pcs	2275025
MP-U-G 56 M8	56 mm	M8	95.3 mm	20 x 1.0 mm	48.5 mm	43.0 mm	M5	800 N	10 pcs	2275026

Diameter - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F
16 - 56 mm	20 x 1,0 mm	M8	M5	1 Nm	800 N

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Low Friction Pipe Clamp MP-U-G M8/M10



Applications

- Fastening plastic pipes and aluminum composite pipes up to 160 mm
- Installations which require low-friction pipe clamps
- Recommended for use in dry, interior environments

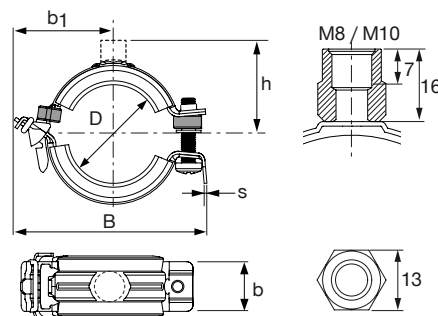
Advantages

- Safety quick closing mechanism – helps to make installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-ring gives you easier, unhindered access when inserting pipes into the pipe clamp
- More flexibility – pipe clamps available with a variety of connection head options
- Pipe clamp diameters perfectly matched to diameters of plastic pipes and aluminum composite pipes
- Specially designed rubber inlay with low-friction properties to allow pipes to slide
- Removable plastic clip and spacer – easily switch from sliding (low-friction) to clamping (16-56 mm diameter pipe clamps only)


[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130 DD11 - DIN EN 10111
Surface finish	Indoor Coated - Electro galvanized
Insulation material	EPDM rubber
Hardness insulation material	50° ±5° Shore A
Noise reduction	22 dB
Temperature resistance	-50°C - 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952, Sound tested, Building material class B2 / E

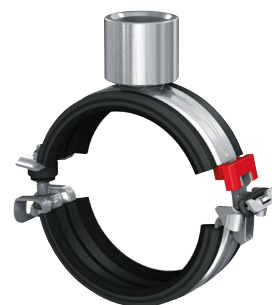


Order Designation	Diameter - D	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Maximum load - F	Sales quantity	Item number
MP-U-G 16 M8/10	16 mm	M8/M10	53.3 mm	20 x 1.0 mm	27.2 mm	31.0 mm	M5	800 N	25 pcs	2275028
MP-U-G 20 M8/10	20 mm	M8/M10	56.4 mm	20 x 1.0 mm	29.3 mm	33.5 mm	M5	800 N	25 pcs	2275029
MP-U-G 25 M8/10	25 mm	M8/M10	61.5 mm	20 x 1.0 mm	31.9 mm	36.0 mm	M5	800 N	25 pcs	2275030
MP-U-G 32 M8/10	32 mm	M8/M10	69.9 mm	20 x 1.0 mm	35.9 mm	40.0 mm	M5	800 N	25 pcs	2275031
MP-U-G 40 M8/10	40 mm	M8/M10	74.9 mm	20 x 1.0 mm	38.4 mm	42.5 mm	M5	800 N	25 pcs	2275032
MP-U-G 50 M8/10	50 mm	M8/M10	85.2 mm	20 x 1.0 mm	43.5 mm	47.5 mm	M5	800 N	25 pcs	2275033
MP-U-G 56 M8/10	56 mm	M8/M10	95.3 mm	20 x 1.0 mm	48.5 mm	52.5 mm	M5	800 N	10 pcs	2275034
MP-U-G 63 M8/10	63 mm	M8/M10	114.7 mm	24 x 1.5 mm	58.2 mm	58.2 mm	M6	1400 N	10 pcs	2275035
MP-U-G 75 M8/10	75 mm	M8/M10	126.7 mm	24 x 1.5 mm	64.2 mm	64.2 mm	M6	1400 N	10 pcs	2275036
MP-U-G 90 M8/10	90 mm	M8/M10	152.4 mm	24 x 1.8 mm	75.1 mm	74.0 mm	M8	1800 N	10 pcs	2275037
MP-U-G 110 M8/10	110 mm	M8/M10	171.5 mm	24 x 1.8 mm	84.6 mm	83.5 mm	M8	1800 N	10 pcs	2275038
MP-U-G 125 M8/10	125 mm	M8/M10	185.5 mm	24 x 1.8 mm	91.7 mm	90.5 mm	M8	1800 N	10 pcs	2275039
MP-U-G 135 M8/10	135 mm	M8/M10	201.0 mm	24 x 2.0 mm	100.7 mm	96.5 mm	M8	2400 N	10 pcs	2275040
MP-U-G 160 M8/10	160 mm	M8/M10	224.0 mm	24 x 2.0 mm	112.2 mm	108.0 mm	M8	2400 N	10 pcs	2275041

Diameter - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F
16 - 56 mm	20 x 1,0 mm	M8/M10	M5	1 Nm	800 N
63 - 75 mm	24 x 1,5 mm	M8/M10	M6	2 Nm	1400 N
90 - 125 mm	24 x 1,8 mm	M8/M10	M8	3 Nm	1800 N
135 - 160 mm	24 x 2,0 mm	M8/M10	M8	3 Nm	2400 N

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Low Friction Pipe Clamp MP-U-G M8/M10/1/2"



Applications

- Fastening plastic pipes and aluminum composite pipes up to 160 mm
- Installations which require low-friction pipe clamps
- Recommended for use in dry, interior environments

Advantages

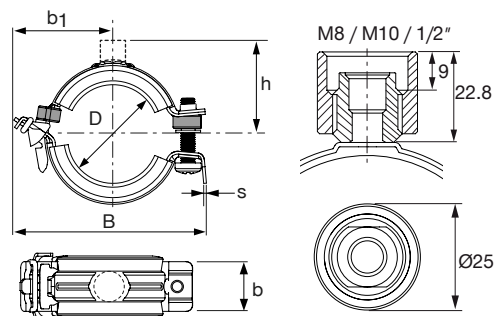
- Safety quick closing mechanism – helps to make installation faster, easier and more reliable, especially overhead
- Extra-wide opening – pivoting half-ring gives you easier, unhindered access when inserting pipes into the pipe clamp
- More flexibility – pipe clamps available with a variety of connection head options
- Pipe clamp diameters perfectly matched to diameters of plastic pipes and aluminum composite pipes
- Specially designed rubber inlay with low-friction properties to allow pipes to slide
- Removable plastic clip and spacer – easily switch from sliding (low-friction) to clamping (16-56 mm diameter pipe clamps only)



[Link to Instruction For Use](#)

Technical data

Material composition	DC01 - DIN EN 10130 DD11 - DIN EN 10111
Surface finish	Indoor Coated - Electro galvanized
Insulation material	EPDM rubber
Hardness insulation material	50° ±5° Shore A
Noise reduction	22 dB
Temperature resistance	-50°C - 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-20/0952, Sound tested, Building material class B2 / E

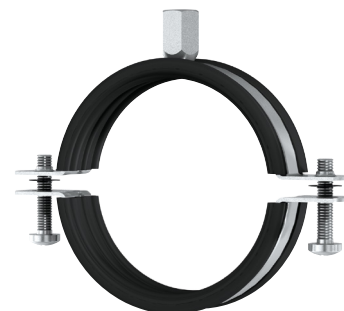
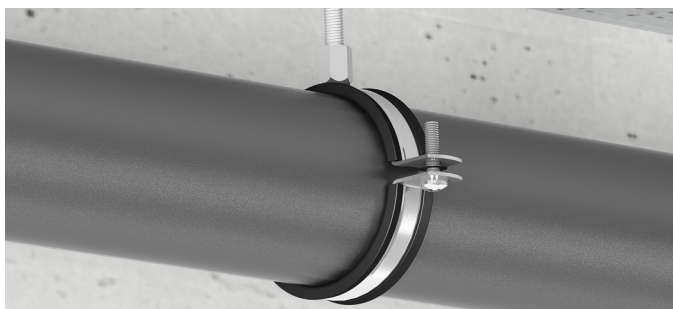


Order Designation	Diameter - D	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Maximum load - F	Sales quantity	Item number
MP-U-G 50 M8/10/1/2"	50 mm	M8/M10/1/2"	85.2 mm	20 x 1.0 mm	43.5 mm	54.3 mm	M8	800 N	25 pcs	2275042
MP-U-G 56 M8/10/1/2"	56 mm	M8/M10/1/2"	95.3 mm	20 x 1.0 mm	48.5 mm	59.3 mm	M8	800 N	10 pcs	2275043
MP-U-G 63 M8/10/1/2"	63 mm	M8/M10/1/2"	114.7 mm	24 x 1.5 mm	58.2 mm	65.0 mm	M8	1400 N	10 pcs	2275044
MP-U-G 75 M8/10/1/2"	75 mm	M8/M10/1/2"	126.7 mm	24 x 1.5 mm	64.2 mm	71.0 mm	M8	1400 N	10 pcs	2275045
MP-U-G 90 M8/10/1/2"	90 mm	M8/M10/1/2"	152.4 mm	24 x 1.8 mm	75.1 mm	80.8 mm	M8	1800 N	10 pcs	2275046
MP-U-G 110 M8/10/1/2"	110 mm	M8/M10/1/2"	171.5 mm	24 x 1.8 mm	84.6 mm	90.3 mm	M8	1800 N	10 pcs	2275047
MP-U-G 125 M8/10/1/2"	125 mm	M8/M10/1/2"	185.5 mm	24 x 1.8 mm	91.7 mm	97.3 mm	M8	1800 N	10 pcs	2275048
MP-U-G 135 M8/10/1/2"	135 mm	M8/M10/1/2"	201.0 mm	24 x 2.0 mm	100.7 mm	103.3 mm	M8	2400 N	10 pcs	2275049
MP-U-G 160 M8/10/1/2"	160 mm	M8/M10/1/2"	224.0 mm	24 x 2.0 mm	112.2 mm	114.8 mm	M8	2400 N	10 pcs	2274899

Diameter - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F
50 - 56 mm	20 x 1,0 mm	M8/M10/1/2"	M5	1 Nm	800 N
63 - 75 mm	24 x 1,5 mm	M8/M10/1/2"	M6	2 Nm	1400 N
90 - 125 mm	24 x 1,8 mm	M8/M10/1/2"	M8	3 Nm	1800 N
135 - 160 mm	24 x 2,0 mm	M8/M10/1/2"	M8	3 Nm	2400 N

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Pipe Clamp MP-PI

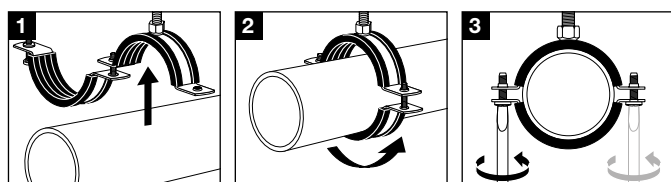

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Applications

- Light to medium-duty pipe installations
- Fastening pipes in residential and industrial construction
- Fastening fresh water, waste water and heating pipes in residential and industrial construction
- Recommended for use in dry, interior environments

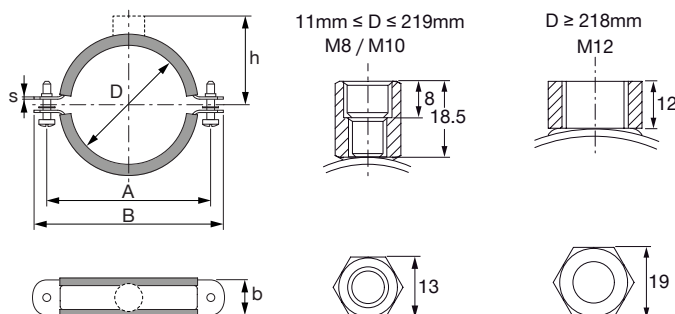
Advantages

- Two-screw pipe ring to simplify pipe installation
- Short connection head allows installation close to a wall, floor or ceiling
- Clamping ranges suitable for all standard plastic and steel pipes
- High quality recognized by third-party approvals
- Securely fixed rubber inlay – virtually impossible to drop or lose



Technical data

Material composition	SPCC-SD FB - Q/BQB402, DC01 – EN 10130
Surface finish	Indoor Coated - Electro galvanized
Insulation material	EPDM rubber
Hardness insulation material	75° ±5° Shore A
Noise reduction	16 dB (A)
Temperature resistance	-40°C – 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-PI 11-15 ¼" M8/M10	11 - 15 mm	¼"	M8/M10	54 mm	20 x 1,2 mm	27 mm	33 mm	M5	2 Nm	750 N	150 pcs	2126900
MP-PI 16-20 ⅜" M8/M10	16 - 20 mm	⅜"	M8/M10	58 mm	20 x 1,2 mm	29 mm	35 mm	M5	2 Nm	750 N	150 pcs	2126901
MP-PI 20-24 ½" M8/M10	20 - 24 mm	½"	M8/M10	62 mm	20 x 1,2 mm	31 mm	37 mm	M5	2 Nm	750 N	150 pcs	2126902
MP-PI 25-28 ¾" M8/M10	25 - 28 mm	¾"	M8/M10	68 mm	20 x 1,2 mm	34 mm	40 mm	M5	2 Nm	750 N	150 pcs	2126903
MP-PI 32-36 1" M8/M10	32 - 36 mm	1"	M8/M10	76 mm	20 x 1,2 mm	38 mm	43 mm	M5	2 Nm	750 N	150 pcs	2126904
MP-PI 38-46 1 ¼" M8/M10	38 - 46 mm	1 ¼"	M8/M10	91 mm	20 x 1,2 mm	45,5 mm	48 mm	M6	2 Nm	750 N	100 pcs	2126905
MP-PI 48-53 1 ½" M8/M10	48 - 53 mm	1 ½"	M8/M10	98 mm	20 x 1,2 mm	49 mm	51 mm	M6	2 Nm	750 N	100 pcs	2126906
MP-PI 54-58 M8/M10	54 - 58 mm		M8/M10	105 mm	20 x 1,5 mm	52,5 mm	54 mm	M6	2 Nm	1250 N	100 pcs	2126907
MP-PI 59-66 2" M8/M10	59 - 66 mm	2"	M8/M10	111 mm	20 x 1,5 mm	55,5 mm	58 mm	M6	2 Nm	1250 N	100 pcs	2126908
MP-PI 67-73 M8/M10	67 - 73 mm		M8/M10	119 mm	20 x 1,5 mm	59,5 mm	62 mm	M6	2 Nm	1250 N	50 pcs	2073470
MP-PI 75-80 2 ½" M8/M10	75 - 80 mm	2 ½"	M8/M10	124 mm	20 x 1,5 mm	62 mm	64 mm	M6	2 Nm	1250 N	50 pcs	2073471
MP-PI 81-87 M8/M10	81 - 87 mm		M8/M10	134 mm	20 x 1,5 mm	67 mm	68 mm	M6	2 Nm	1250 N	50 pcs	2073472
MP-PI 87-92 3" M8/M10	87 - 92 mm	3"	M8/M10	137 mm	20 x 1,5 mm	68,5 mm	72 mm	M6	2 Nm	1250 N	50 pcs	2073473
MP-PI 99-105 3 ½" M8/M10	99 - 105 mm	3 ½"	M8/M10	150 mm	20 x 1,5 mm	75 mm	77 mm	M6	2 Nm	1250 N	50 pcs	2073474
MP-PI 107-115 4" M8/M10	107 - 115 mm	4"	M8/M10	163 mm	20 x 2,0 mm	81,5 mm	83 mm	M6	2 Nm	1500 N	50 pcs	2073475
MP-PI 120-128 M8/M10	120 - 128 mm		M8/M10	185 mm	20 x 2,0 mm	92,5 mm	92 mm	M6	2 Nm	1500 N	50 pcs	2073476
MP-PI 129-134 M8/M10	129 - 134 mm		M8/M10	188 mm	20 x 2,0 mm	94 mm	94 mm	M6	2 Nm	1500 N	50 pcs	2073477
MP-PI 135-143 5" M8/M10	135 - 143 mm	5"	M8/M10	201 mm	20 x 2,0 mm	100,5 mm	101 mm	M6	2 Nm	1500 N	50 pcs	2073478
MP-PI 149-161 M8/M10	149 - 161 mm		M8/M10	212 mm	20 x 2,0 mm	106 mm	108 mm	M6	2 Nm	1500 N	50 pcs	2073479
MP-PI 162-170 6" M8/M10	162 - 170 mm	6"	M8/M10	228 mm	20 x 2,0 mm	114 mm	113 mm	M6	2 Nm	1500 N	50 pcs	2073480
MP-PI 177-182 M8/M10	177 - 182 mm		M8/M10	236 mm	25 x 2,0 mm	118 mm	118 mm	M6	2 Nm	1750 N	25 pcs	2073481
MP-PI 192-204 M8/M10	192 - 204 mm		M8/M10	261 mm	25 x 2,0 mm	130,5 mm	131 mm	M6	2 Nm	1750 N	25 pcs	2073482
MP-PI 207-219 M8/M10	207 - 219 mm		M8/M10	284 mm	25 x 2,5 mm	142 mm	144 mm	M6	2 Nm	2250 N	25 pcs	2073483

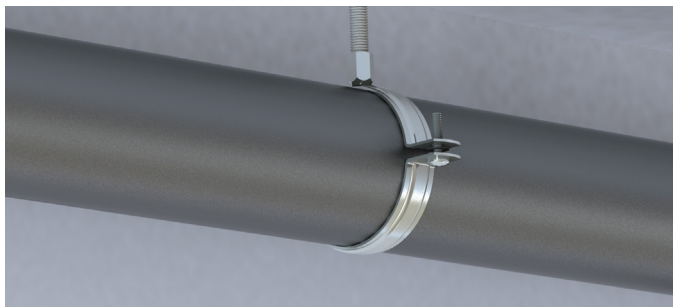
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Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-PI 218-226 8" M12	218 - 226 mm	8"	M12	298 mm	25 x 2,5 mm	149 mm	146 mm	M8	3 Nm	2250 N	25 pcs	2073484
MP-PI 242-253 M12	242 - 253 mm		M12	326 mm	30 x 3,0 mm	163 mm	148 mm	M8	3 Nm	2250 N	10 pcs	2073485
MP-PI 272-281 10" M12	272 - 281 mm	10"	M12	360 mm	30 x 3,0 mm	180 mm	162 mm	M8	3 Nm	2250 N	10 pcs	2073486
MP-PI 313-326 12" M12	313 - 326 mm	12"	M12	407 mm	30 x 3,0 mm	203,5 mm	185 mm	M8	3 Nm	2250 N	10 pcs	2073487
Clamping range - D	Cross section width x thickness (b x s)	Thread - M		Clamp screw		Torque		Maximum load - F				
11 - 36 mm	20 x 1.2 mm	M8/M10		M5		2 Nm		750 N				
38 - 53 mm	20 x 1.2 mm	M8/M10		M6		2 Nm		750 N				
54 - 105 mm	20 x 1.5 mm	M8/M10		M6		2 Nm		1250 N				
107 - 170 mm	20 x 2 mm	M8/M10		M6		2 Nm		1500 N				
177 - 204 mm	25 x 2 mm	M8/M10		M6		2 Nm		1750 N				
207 - 219 mm	25 x 2.5 mm	M8/M10		M6		2 Nm		2250 N				
218 - 226 mm	25 x 2.5 mm	M12		M8		3 Nm		2250 N				
242 - 326 mm	30 x 3 mm	M12		M8		3 Nm		2500 N				

Pipe Clamp MP-P

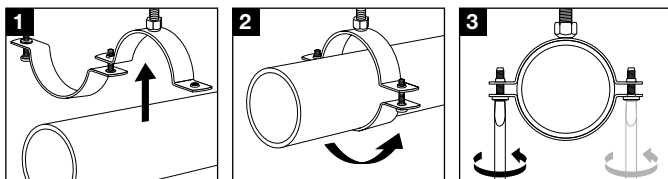

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Applications

- Light to medium-duty pipe installations
- Fastening pipes in residential and industrial construction
- Fastening fresh water, waste water and heating pipes in residential and industrial construction
- Recommended for use in dry, interior environments

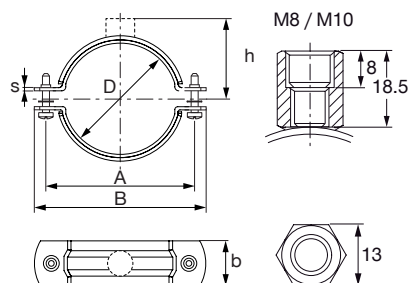
Advantages

- Two-screw pipe ring for easier installation of pipes
- Short connection head allows installation close to a wall, floor or ceiling
- Clamping ranges suitable for all standard plastic and steel pipes
- Engineered for longevity and reliability – recognized by third-party approvals



Technical data

Material composition	SPCC-SD FB - Q/BQB402, DC01 - EN 10130
Surface finish	Indoor Coated - Electro galvanized
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)

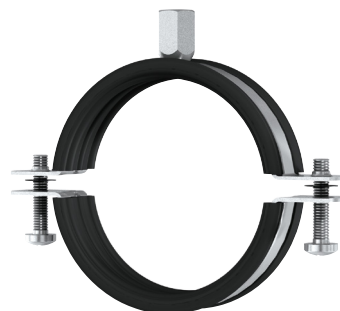
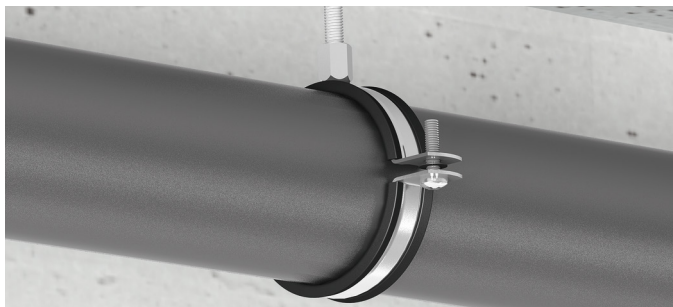


Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-P 15-18 3/8"	15 - 18 mm	3/8"	M8/M10	48.3 mm	20 x 1.2 mm	24,15 mm	36.0 mm	M5	2 Nm	750 N	150 pcs	2167445
MP-P 18-23 1/2"	18 - 23 mm	1/2"	M8/M10	53.5 mm	20 x 1.2 mm	26,75 mm	41.0 mm	M5	2 Nm	750 N	150 pcs	2167446
MP-P 24-26 3/4"	24 - 26 mm	3/4"	M8/M10	57.5 mm	20 x 1.2 mm	28,75 mm	44.6 mm	M5	2 Nm	750 N	150 pcs	2167447
MP-P 27-31	27 - 31 mm		M8/M10	62 mm	20 x 1.2 mm	31 mm	47.6 mm	M5	2 Nm	750 N	150 pcs	2167448
MP-P 32-36 1"	32 - 36 mm	1"	M8/M10	67.5 mm	20 x 1.2 mm	33,75 mm	52.2 mm	M5	2 Nm	750 N	150 pcs	2167449
MP-P 38-43 1 1/4"	38 - 43 mm	1 1/4"	M8/M10	76 mm	20 x 1.2 mm	38 mm	59.6 mm	M5	2 Nm	750 N	150 pcs	2167450
MP-P 44-49 1 1/2"	44 - 49 mm	1 1/2"	M8/M10	87 mm	20 x 1.2 mm	43,5 mm	63.8 mm	M5	2 Nm	750 N	100 pcs	2167451
MP-P 50-54	50 - 54 mm		M8/M10	91 mm	20 x 1.2 mm	45,5 mm	66.6 mm	M6	2 Nm	750 N	100 pcs	2167452
MP-P 57-61 2"	57 - 61 mm	2"	M8/M10	98 mm	20 x 1.5 mm	49 mm	74.6 mm	M6	2 Nm	750 N	100 pcs	2167453
MP-P 63-67	63 - 67 mm		M8/M10	105 mm	20 x 1.5 mm	52,5 mm	80.6 mm	M6	2 Nm	1250 N	100 pcs	2167454
MP-P 68-74	68 - 74 mm		M8/M10	111 mm	20 x 1.5 mm	55,5 mm	87.2 mm	M6	2 Nm	1250 N	100 pcs	2167455
MP-P 75-82 2 1/2"	75 - 82 mm	2 1/2"	M8/M10	119.4 mm	20 x 1.5 mm	59,7 mm	95.0 mm	M6	2 Nm	1250 N	50 pcs	2167456
MP-P 81-87	81 - 87 mm		M8/M10	124 mm	20 x 1.5 mm	62 mm	99.8 mm	M6	2 Nm	1250 N	50 pcs	2167457
MP-P 89-96 3"	89 - 96 mm	3"	M8/M10	133.5 mm	20 x 1.5 mm	66,75 mm	107.0 mm	M6	2 Nm	1250 N	50 pcs	2167458
MP-P 94-102	94 - 102 mm		M8/M10	137 mm	20 x 1.5 mm	68,5 mm	111.0 mm	M6	2 Nm	1250 N	50 pcs	2167459
MP-P 107-115 4"	107 - 115 mm	4"	M8/M10	149.5 mm	20 x 1.5 mm	74,75 mm	125.6 mm	M6	2 Nm	1250 N	50 pcs	2167460
MP-P 124-128	124 - 128 mm		M8/M10	173.6 mm	20 x 1.5 mm	86,8 mm	145.8 mm	M6	2 Nm	1500 N	50 pcs	2167461
MP-P 132-141 5"	132 - 141 mm	5"	M8/M10	184.6 mm	20 x 1.5 mm	92,3 mm	149.4 mm	M6	2 Nm	1500 N	50 pcs	2167462
MP-P 139-145	139 - 145 mm		M8/M10	187.8 mm	20 x 1.5 mm	93,9 mm	157.0 mm	M6	2 Nm	1500 N	50 pcs	2167463
MP-P 148-156	148 - 156 mm		M8/M10	200.8 mm	20 x 1.5 mm	100,4 mm	163.0 mm	M6	2 Nm	1500 N	50 pcs	2167464
MP-P 159-170 6"	159 - 170 mm	6"	M8/M10	212.7 mm	20 x 1.5 mm	106,35 mm	178.0 mm	M6	2 Nm	1500 N	50 pcs	2167465

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F
15 - 49 mm	20 x 1.2 mm	M8/M10	M5	2 Nm	750 N
50 - 54 mm	20 x 1.2 mm	M8/M10	M6	2 Nm	750 N
57 - 61 mm	20 x 1.5 mm	M8/M10	M6	2 Nm	750 N
63 - 115 mm	20 x 1.5 mm	M8/M10	M6	2 Nm	1250 N
124 - 170 mm	20 x 1.5 mm	M8/M10	M6	2 Nm	1500 N

The maximum recommended load is determined using statistical methods according Eurocode (EN 1990), based on the ultimate resistance and a maximum deflection of 1,5mm or 2% of the maximal clamping diameter.

Pipe Clamp MP-PI HDG

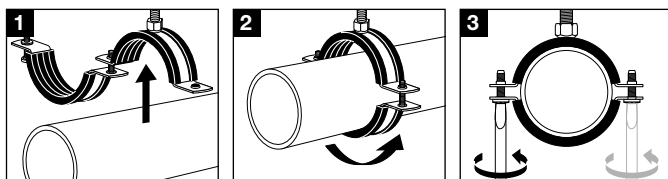

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Applications

- Light to medium-duty pipe installations
- Fastening pipes in residential and industrial construction
- Fastening fresh water, waste water and heating pipes in residential and industrial construction

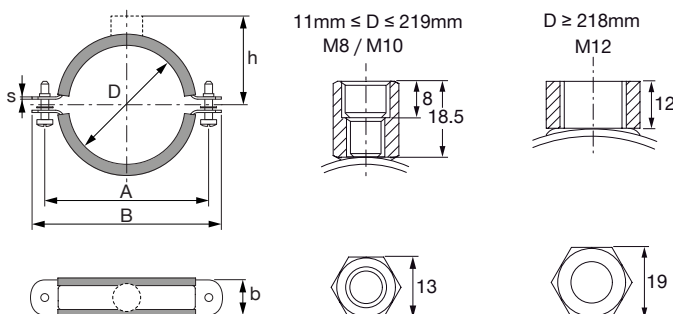
Advantages

- Two-screw pipe ring to simplify pipe installation
- Short connection head allows installation close to a wall, floor or ceiling
- Clamping ranges suitable for all standard plastic and steel pipes
- High quality recognized by third-party approvals
- Securely fixed rubber inlay – virtually impossible to drop or lose



Technical data

Material composition	SPCC-SD FB - Q/BQB402, DC01 - EN 10130
Surface finish	Outdoor Coated - HDG
Insulation material	EPDM rubber
Hardness insulation material	75° ±5° Shore A
Noise reduction	16 dB (A)
Temperature resistance	-40°C - 110°C
Environmental conditions	Outdoor, low to moderate pollution (C3 / C4 - low)
Test reports/Approvals	Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-PI 11-15 ¼" M8/M10 HDG	11 - 15 mm	¼"	M8/M10	54 mm	20 x 1,2 mm	27 mm	33 mm	M5	2 Nm	750 N	150 pcs	2186734
MP-PI 16-20 ⅜" M8/M10 HDG	16 - 20 mm	⅜"	M8/M10	58 mm	20 x 1,2 mm	29 mm	35 mm	M5	2 Nm	750 N	150 pcs	2186735
MP-PI 20-24 ½" M8/M10 HDG	20 - 24 mm	½"	M8/M10	62 mm	20 x 1,2 mm	31 mm	37 mm	M5	2 Nm	750 N	150 pcs	2186736
MP-PI 25-28 ¾" M8/M10 HDG	25 - 28 mm	¾"	M8/M10	68 mm	20 x 1,2 mm	34 mm	40 mm	M5	2 Nm	750 N	150 pcs	2186737
MP-PI 32-36 1" M8/M10 HDG	32 - 36 mm	1"	M8/M10	76 mm	20 x 1,2 mm	38 mm	43 mm	M5	2 Nm	750 N	150 pcs	2186738
MP-PI 38-46 1 ¼" M8/M10 HDG	38 - 46 mm	1 ¼"	M8/M10	91 mm	20 x 1,2 mm	45,5 mm	48 mm	M6	2 Nm	750 N	100 pcs	2186739
MP-PI 48-53 1 ½" M8/M10 HDG	48 - 53 mm	1 ½"	M8/M10	98 mm	20 x 1,2 mm	49 mm	51 mm	M6	2 Nm	750 N	100 pcs	2186850
MP-PI 54-58 M8/M10 HDG	54 - 58 mm		M8/M10	105 mm	20 x 1,5 mm	52,5 mm	54 mm	M6	2 Nm	1250 N	100 pcs	2186851
MP-PI 59-66 2" M8/M10 HDG	59 - 66 mm	2"	M8/M10	111 mm	20 x 1,5 mm	55,5 mm	58 mm	M6	2 Nm	1250 N	100 pcs	2186852
MP-PI 67-73 M8/M10 HDG	67 - 73 mm		M8/M10	119 mm	20 x 1,5 mm	59,5 mm	62 mm	M6	2 Nm	1250 N	50 pcs	2186853
MP-PI 75-80 2 ½" M8/M10 HDG	75 - 80 mm	2 ½"	M8/M10	124 mm	20 x 1,5 mm	62 mm	64 mm	M6	2 Nm	1250 N	50 pcs	2186854
MP-PI 81-87 M8/M10 HDG	81 - 87 mm		M8/M10	134 mm	20 x 1,5 mm	67 mm	68 mm	M6	2 Nm	1250 N	50 pcs	2186855
MP-PI 87-92 3" M8/M10 HDG	87 - 92 mm	3"	M8/M10	137 mm	20 x 1,5 mm	68,5 mm	72 mm	M6	2 Nm	1250 N	50 pcs	2186856
MP-PI 99-105 3 ½" M8/M10 HDG	99 - 105 mm	3 ½"	M8/M10	150 mm	20 x 1,5 mm	75 mm	77 mm	M6	2 Nm	1250 N	50 pcs	2186857
MP-PI 107-115 4" M8/M10 HDG	107 - 115 mm	4"	M8/M10	163 mm	20 x 2,0 mm	81,5 mm	83 mm	M6	2 Nm	1500 N	50 pcs	2186858
MP-PI 120-128 M8/M10 HDG	120 - 128 mm		M8/M10	185 mm	20 x 2,0 mm	92,5 mm	92 mm	M6	2 Nm	1500 N	50 pcs	2186859
MP-PI 129-134 M8/M10 HDG	129 - 134 mm		M8/M10	188 mm	20 x 2,0 mm	94 mm	94 mm	M6	2 Nm	1500 N	50 pcs	2186860
MP-PI 135-143 5" M8/M10 HDG	135 - 143 mm	5"	M8/M10	201 mm	20 x 2,0 mm	100,5 mm	101 mm	M6	2 Nm	1500 N	50 pcs	2186861
MP-PI 149-161 M8/M10 HDG	149 - 161 mm		M8/M10	212 mm	20 x 2,0 mm	106 mm	108 mm	M6	2 Nm	1500 N	50 pcs	2186862
MP-PI 162-170 6" M8/M10 HDG	162 - 170 mm	6"	M8/M10	228 mm	20 x 2,0 mm	114 mm	113 mm	M6	2 Nm	1500 N	50 pcs	2186863
MP-PI 177-182 M8/M10 HDG	177 - 182 mm		M8/M10	236 mm	25 x 2,0 mm	118 mm	118 mm	M6	2 Nm	1750 N	25 pcs	2186864
MP-PI 192-204 M8/M10 HDG	192 - 204 mm		M8/M10	261 mm	25 x 2,0 mm	130,5 mm	131 mm	M6	2 Nm	1750 N	25 pcs	2186865
MP-PI 207-219 M8/M10 HDG	207 - 219 mm		M8/M10	284 mm	25 x 2,5 mm	142 mm	144 mm	M6	2 Nm	2250 N	25 pcs	2186866

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Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F
11 - 36 mm	20 x 1.2 mm	M8/M10	M5	2 Nm	750 N
38 - 53 mm	20 x 1.2 mm	M8/M10	M6	2 Nm	750 N
54 - 105 mm	20 x 1.5 mm	M8/M10	M6	2 Nm	1250 N
107 - 170 mm	20 x 2 mm	M8/M10	M6	2 Nm	1500 N
177 - 204 mm	25 x 2 mm	M8/M10	M6	2 Nm	1750 N
207 - 219 mm	25 x 2.5 mm	M8/M10	M6	2 Nm	2250 N

Pipe Clamp MP-SRNI (A4 Stainless Steel)



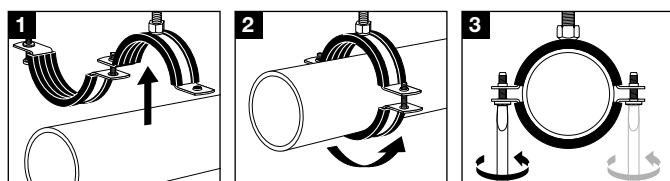
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Applications

- Light-duty pipe installations up to 2" (or 64mm)
- Heating, plumbing and industry applications in corrosive environments
- Mounting pipes in food industry (except production) and in water treatment
- For fastening pipes up to 2" in corrosive environments

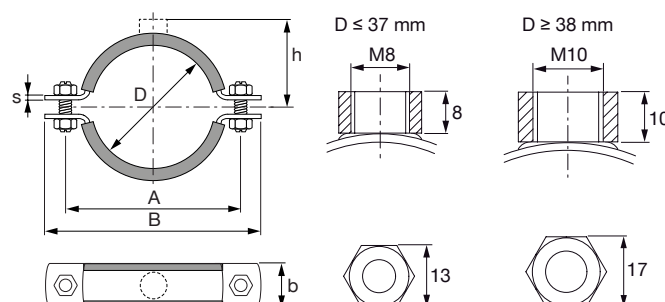
Advantages

- Higher resistance to corrosion (A4 Stainless Steel)
- Short connection head allows installation close to a wall, floor or ceiling
- Pipe ring with verified fire resistance as per DIN 4102
- Closure screw secured to help prevent loss
- Non-slip (bonded), pre-fitted rubber inlay



Technical data

Material composition	Stainless Steel, 1.4571/1.4404 (A4) – EN 10088, AISI 316Ti/AISI 316L
Surface finish	Stainless Steel
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	15 dB (A)
Temperature resistance	-50°C – 120°C
Environmental conditions	Outdoor high pollution (C4 – high / C5)
Test reports/Approvals	Sound tested, Fire protection tested IBMB, Building material class B2 / E



Order Designation	Clamping range - D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-SRNI 17 M8	15–19 mm	3/8"	M8	55 mm	17 x 2 mm	27,5 mm	19 mm	M8	2 Nm	1300 N	25 pcs	374186
MP-SRNI 21 M8	19–23 mm		M8	61 mm	17 x 2 mm	30,5 mm	22 mm	M8	2 Nm	1300 N	25 pcs	374187
MP-SRNI 27 M8	25–29 mm	3/4"	M8	68 mm	17 x 2 mm	34 mm	26 mm	M8	2 Nm	1300 N	25 pcs	374188
MP-SRNI 34 M8	33–37 mm	1"	M8	76 mm	17 x 2 mm	38 mm	30 mm	M8	2 Nm	1300 N	25 pcs	374189
MP-SRNI 42 M10	38–44 mm	1 1/4"	M10	82 mm	17 x 2 mm	41 mm	35 mm	M8	3 Nm	1600 N	25 pcs	374192
MP-SRNI 48/50 M10	48–52 mm	1 1/2"	M10	91 mm	17 x 2 mm	45,5 mm	39 mm	M8	3 Nm	1600 N	25 pcs	374193
MP-SRNI 57 M10	54–58 mm		M10	97 mm	17 x 2 mm	48,5 mm	42 mm	M8	3 Nm	1600 N	25 pcs	374194
MP-SRNI 60 M10	59–64 mm	2"	M10	102 mm	17 x 2 mm	51 mm	45 mm	M8	3 Nm	1600 N	10 pcs	374195

Clamping range - D	Crosssection width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F				maximum deformation in case of fire - δt	
						30 min	60 min	90 min	120 min	30 min	> 30 min
15–37 mm	17 x 2 mm	M8	M8	2 Nm	1300 N	1300 N	680 N	410 N	280 N	20 mm	41 mm
38–64 mm	17 x 2 mm	M10	M8	3 Nm	1600 N	1600 N	890 N	440 N	210 N	12 mm	13 mm

The maximum permissible load was determined using statistical methods based on the ultimate loads, while complying with a maximum allowable deformation of 1.5 mm or 2% of the maximum clampable pipe diameter.

Pipe Clamp MP-SRN (A4 stainless steel)

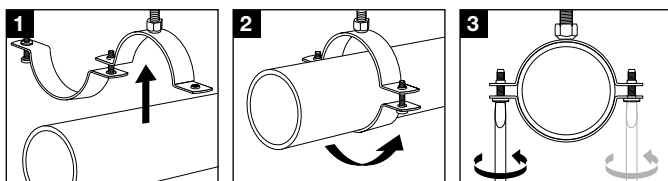


Applications

- Light-duty pipe installations up to 2" (or 64mm)
- Heating, plumbing and industry applications in corrosive environments
- Mounting pipes in food industry (except production) and in water treatment

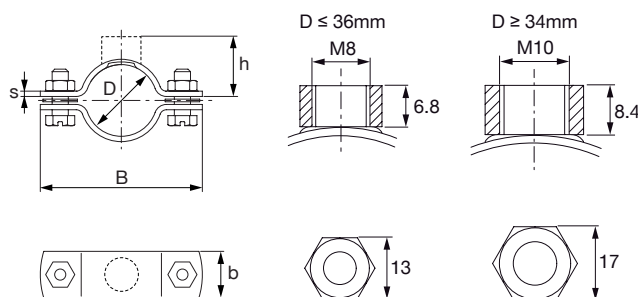
Advantages

- Higher resistance to corrosion (A4 Stainless Steel)
- Short connection head allows installation close to a wall, floor or ceiling
- Pipe ring with verified fire resistance as per DIN 4102
- Closure screw secured to help prevent loss
- Short connection boss allows installation close to walls and ceilings



Technical data

Material composition	Stainless Steel, 1.4571/1.4404 (A4) - EN 10088, AISI 316Ti/AISI 316L
Surface finish	Stainless Steel
Environmental conditions	Outdoor high pollution (C4 - high / C5)



Order Designation	Clamping range - D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-SRN 17 M8	15-19 mm	3/8"	M8	51 mm	17 x 2 mm	25,5 mm	17 mm	M6	2 Nm	2000 N	25 pcs	254697
MP-SRN 21 M8	19-23 mm	1/2"	M8	55 mm	17 x 2 mm	27,5 mm	19 mm	M6	2 Nm	2000 N	25 pcs	254698
MP-SRN 27 M8	25-29 mm	3/4"	M8	61 mm	17 x 2 mm	30,5 mm	22 mm	M6	2 Nm	2000 N	25 pcs	254699
MP-SRN 34 M8	32-36 mm	1"	M8	68 mm	17 x 2 mm	34 mm	26 mm	M6	2 Nm	2000 N	25 pcs	254700
MP-SRN 36 M10	34-38 mm		M10	70 mm	17 x 2 mm	35 mm	29 mm	M6	2 Nm	2000 N	25 pcs	254701
MP-SRN 38 M10	36-39 mm		M10	72 mm	17 x 2 mm	36 mm	30 mm	M6	2 Nm	2000 N	25 pcs	254702
MP-SRN 42 M10	40-44 mm	1 1/4"	M10	76 mm	17 x 2 mm	38 mm	32 mm	M6	2 Nm	2000 N	25 pcs	254703
MP-SRN 48-50 M10	46-52 mm	1 1/2"	M10	82 mm	17 x 2 mm	41 mm	35 mm	M8	3 Nm	2000 N	25 pcs	254704
MP-SRN 57 M10	55-59 mm		M10	91 mm	17 x 2 mm	45,5 mm	39 mm	M8	3 Nm	2000 N	25 pcs	254705
MP-SRN 60 M10	58-62 mm	2"	M10	94 mm	17 x 2 mm	47 mm	41 mm	M8	3 Nm	2000 N	10 pcs	254706
MP-SRN 63 M10	61-65 mm		M10	97 mm	17 x 2 mm	48,5 mm	42 mm	M8	3 Nm	2000 N	10 pcs	254707

Clamping range - D	Crosssection width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F
15-36 mm	17 x 2 mm	M8	M6	2 Nm	2000 N
34-44 mm	17 x 2 mm	M10	M6	2 Nm	2000 N
46-65 mm	17 x 2 mm	M10	M8	3 Nm	2000 N

The maximum allowable load was derived using statistical evaluation of ultimate load tests, based on a deformation limit of 1.5 mm or 2% of the maximum clampable pipe diameter.

Pipe Clamp MPN-R (A4 stainless steel)

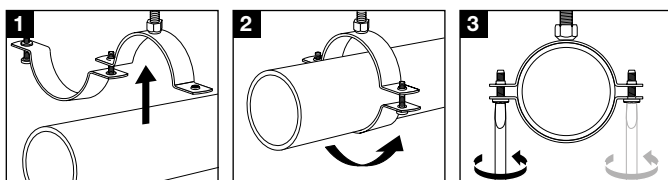

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Applications

- medium-duty pipe installations up to 220 mm
- Fastening fresh water pipes and heating pipes in corrosive environments

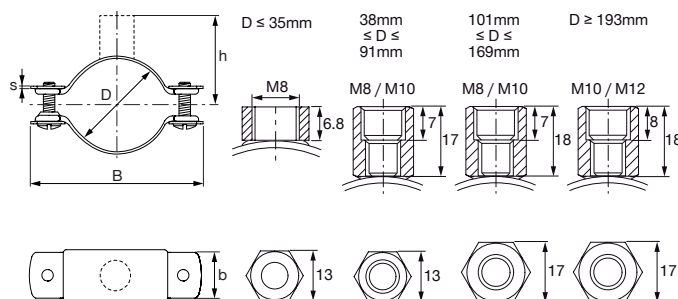
Advantages

- Short connection head allows closer installation to wall or ceiling
- Double connection head on sizes above 1" for more flexibility
- Combi-slot cheese head screw



Technical data

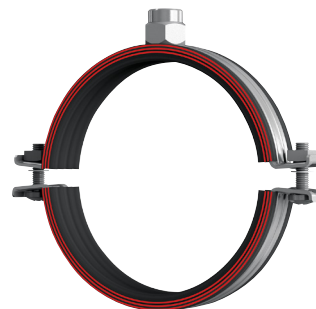
Material composition	Stainless Steel, 1.4401 (A4) – EN 10088, AISI 316
Surface finish	Stainless Steel
Environmental conditions	Outdoor high pollution (C4 – high / C5)



Order Designation	Clamping range - D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MPN-R 12-14 M8	12-14 mm		M8	47 mm	20 x 1.2 mm	23,5 mm	14 mm	M6	2 Nm	1200 N	25 pcs	432735
MPN-R 15-18 M8	15-18 mm		M8	51 mm	20 x 1.2 mm	25,5 mm	16 mm	M6	2 Nm	1200 N	25 pcs	432736
MPN-R 18-23 M8	18-23 mm		M8	55 mm	20 x 1.2 mm	27,5 mm	19 mm	M6	2 Nm	1200 N	25 pcs	432737
MPN-R 26-31 M8	26-31 mm		M8	64 mm	20 x 1.2 mm	32 mm	23 mm	M6	2 Nm	1200 N	25 pcs	432738
MPN-R 32-35 M8	32-35 mm		M8	68 mm	20 x 1.2 mm	34 mm	25 mm	M6	2 Nm	1200 N	25 pcs	432739
MPN-R 38-43 M8/M10	38-43 mm		M8/M10	76 mm	20 x 1.2 mm	38 mm	39 mm	M6	2 Nm	1200 N	25 pcs	432740
MPN-R 44-46 M8/M10	44-46 mm		M8/M10	80 mm	20 x 1.2 mm	40 mm	40 mm	M6	2 Nm	1200 N	25 pcs	432741
MPN-R 47-51 M8/M10	47-51 mm		M8/M10	85 mm	20 x 1.2 mm	42,5 mm	43 mm	M6	2 Nm	1200 N	25 pcs	432742
MPN-R 50-56 M8/M10	50-56 mm		M8/M10	94 mm	20 x 1.5 mm	47 mm	45 mm	M6	2 Nm	1400 N	25 pcs	432743
MPN-R 57-61 M8/M10	57-61 mm		M8/M10	99 mm	20 x 1.5 mm	49,5 mm	48 mm	M6	2 Nm	1400 N	25 pcs	432744
MPN-R 63-67 M8/M10	63-67 mm		M8/M10	105 mm	20 x 1.5 mm	52,5 mm	51 mm	M6	2 Nm	1400 N	10 pcs	432745
MPN-R 70-73 M8/M10	70-73 mm		M8/M10	112 mm	20 x 1.5 mm	56 mm	54 mm	M6	2 Nm	1400 N	10 pcs	432746
MPN-R 74-77 M8/M10	74-77 mm		M8/M10	116 mm	20 x 1.5 mm	58 mm	56 mm	M6	2 Nm	1400 N	10 pcs	432747
MPN-R 78-80 M8/M10	78-80 mm		M8/M10	119 mm	20 x 1.5 mm	59,5 mm	57 mm	M6	2 Nm	1400 N	10 pcs	432748
MPN-R 83-91 M8/M10	83-91 mm		M8/M10	129 mm	20 x 1.5 mm	64,5 mm	64 mm	M6	2 Nm	1400 N	10 pcs	432749
MPN-R 101-106 M8/M10	101-106 mm		M8/M10	150 mm	25 x 2 mm	75 mm	71 mm	M8	3 Nm	2500 N	10 pcs	432750
MPN-R 108-114 M8/M10	108-114 mm		M8/M10	158 mm	25 x 2 mm	79 mm	75 mm	M8	3 Nm	2500 N	10 pcs	432751
MPN-R 118-125 M8/M10	118-125 mm		M8/M10	169 mm	25 x 2 mm	84,5 mm	81 mm	M8	3 Nm	2500 N	10 pcs	432752
MPN-R 131-135 M8/M10	131-135 mm		M8/M10	179 mm	25 x 2 mm	89,5 mm	86 mm	M8	3 Nm	2500 N	10 pcs	432753
MPN-R 136-139 M8/M10	136-139 mm		M8/M10	183 mm	25 x 2 mm	91,5 mm	88 mm	M8	3 Nm	2500 N	10 pcs	432754
MPN-R 140-144 M8/M10	140-144 mm		M8/M10	188 mm	25 x 2 mm	94 mm	90 mm	M8	3 Nm	2500 N	10 pcs	432755
MPN-R 159-163 M8/M10	159-163 mm		M8/M10	207 mm	25 x 2 mm	103,5 mm	100 mm	M8	3 Nm	2500 N	10 pcs	432756
MPN-R 165-169 M8/M10	165-169 mm		M8/M10	213 mm	25 x 2 mm	106,5 mm	103 mm	M8	3 Nm	2500 N	10 pcs	432757
MPN-R 193-200 M10/M12	193-200 mm		M10/M12	244 mm	25 x 2 mm	122 mm	118 mm	M8	3 Nm	2500 N	5 pcs	432758
MPN-R 216-220 M10/M12	216-220 mm		M10/M12	264 mm	25 x 2 mm	132 mm	128 mm	M8	3 Nm	2500 N	5 pcs	432759

Clamping range - D	Crosssection width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F
12-35 mm	20 x 1.2 mm	M8	M6	2 Nm	1200 N
38-51 mm	20 x 1.2 mm	M8, M10	M6	2 Nm	1200 N
50-91 mm	20 x 1.5 mm	M8, M10	M6	2 Nm	1400 N
101-169 mm	25 x 2 mm	M8, M10	M8	3 Nm	2500 N
193-220 mm	25 x 2 mm	M10, M12	M8	3 Nm	2500 N

Heavy-duty Pipe Clamp MP-MI M10/M12



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Applications

- Heavy-duty pipe installations up to 168 mm
- Installing industrial pipes
- Plumbing/heating/air conditioning

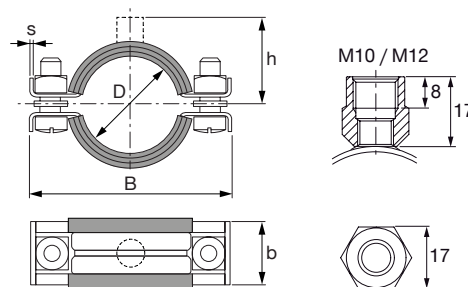
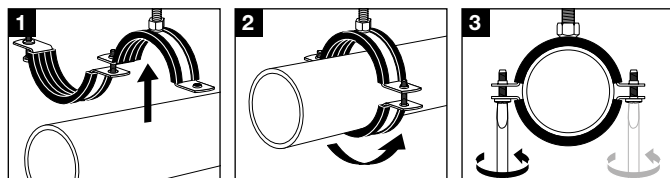
Advantages

- Profiled clamp band for higher rigidity
- Solid, welded nuts for closing screws (diameter 68/72 mm and above)
- Pre-assembled non-slip rubber profile



Technical data

Material composition	S235JRG – DIN EN 10025
Surface finish	Indoor coated - electro galvanized
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	19 dB (A)
Temperature resistance	-40°C – 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-18/0130, Sound tested, Building material class B2 / E

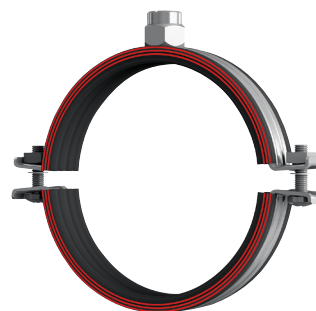


Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MI 3/8" G	15–19 mm	3/8"	M10/M12	64 mm	24 x 2 mm	32 mm	33 mm	M8	3 Nm	1800 N	25 pcs	20843
MP-MI 1/2" G	20–25 mm	1/2"	M10/M12	69 mm	24 x 2 mm	34,5 mm	36 mm	M8	3 Nm	1800 N	25 pcs	20845
MP-MI 3/4" G	25–30 mm	3/4"	M10/M12	75 mm	24 x 2 mm	37,5 mm	39 mm	M8	3 Nm	1800 N	25 pcs	20847
MP-MI 1" G	32–38 mm	1"	M10/M12	83 mm	24 x 2 mm	41,5 mm	42 mm	M8	3 Nm	1800 N	25 pcs	20849
MP-MI 1 1/4" G	40–45 mm	1 1/4"	M10/M12	92 mm	24 x 2 mm	46 mm	47 mm	M8	3 Nm	1800 N	25 pcs	20851
MP-MI 1 1/2" G	48–54 mm	1 1/2"	M10/M12	101 mm	24 x 2 mm	50,5 mm	50 mm	M8	3 Nm	1800 N	25 pcs	20853
MP-MI 54/57 G	54–57 mm		M10/M12	107 mm	24 x 2 mm	53,5 mm	53 mm	M8	3 Nm	1800 N	10 pcs	20855
MP-MI 2" G	57–64 mm	2"	M10/M12	111 mm	24 x 2 mm	55,5 mm	55 mm	M8	3 Nm	1800 N	10 pcs	20857
MP-MI 68/72 G	68–72 mm		M10/M12	123 mm	24 x 2 mm	61,5 mm	60 mm	M8	3 Nm	1800 N	10 pcs	20860
MP-MI 2 1/2" G	70–77 mm	2 1/2"	M10/M12	130 mm	24 x 2 mm	65 mm	64 mm	M8	3 Nm	1800 N	10 pcs	20862
MP-MI 78/84 G	80–84 mm		M10/M12	139 mm	24 x 2 mm	69,5 mm	68 mm	M8	3 Nm	1800 N	10 pcs	20865
MP-MI 3" G	82–90 mm	3"	M10/M12	144 mm	24 x 2 mm	72 mm	71 mm	M8	3 Nm	1800 N	10 pcs	20866
MP-MI 101.6 G	97–103 mm		M10/M12	163 mm	30 x 2.5 mm	81,5 mm	78 mm	M8	3 Nm	2400 N	5 pcs	20869
MP-MI 4" G	108–114 mm	4"	M10/M12	174 mm	30 x 2.5 mm	87 mm	84 mm	M8	3 Nm	2400 N	5 pcs	20871
MP-MI 117 G	114–119 mm		M10/M12	179 mm	30 x 2.5 mm	89,5 mm	86 mm	M8	3 Nm	2400 N	5 pcs	20874
MP-MI 125 G	122–127 mm		M10/M12	187 mm	30 x 2.5 mm	93,5 mm	90 mm	M8	3 Nm	2400 N	5 pcs	20876
MP-MI 133 G	132–137 mm		M10/M12	198 mm	30 x 2.5 mm	99 mm	95 mm	M8	3 Nm	2400 N	10 pcs	20879
MP-MI 5" G	137–142 mm	5"	M10/M12	203 mm	30 x 2.5 mm	101,5 mm	98 mm	M8	3 Nm	2400 N	10 pcs	20882
MP-MI 159 G	156–162 mm		M10/M12	223 mm	30 x 2.5 mm	111,5 mm	107 mm	M8	3 Nm	2400 N	10 pcs	20885
MP-MI 6" G	162–168 mm	6"	M10/M12	229 mm	30 x 2.5 mm	114,5 mm	110 mm	M8	3 Nm	2400 N	10 pcs	20887

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F				maximum deformation in case of fire - δt	
						30 min	60 min	90 min	120 min	30 min	> 30 min
15–64 mm	24 x 2 mm	M10/M12	M8	3 Nm	1800 N	840 N	500 N	350 N	270 N	39 mm	54 mm
68–90 mm	24 x 2 mm	M10/M12	M8	3 Nm	1800 N	850 N	560 N	430 N	350 N	45 mm	59 mm
97–168 mm	30 x 2.5 mm	M10/M12	M8	3 Nm	2400 N	1320 N	910 N	730 N	620 N	66 mm	75 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Heavy-duty Pipe Clamp MP-MI M16

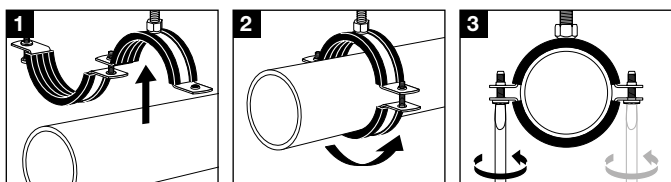

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Applications

- Heavy-duty pipe installations up to 250 mm
- Installing industrial pipes
- Plumbing/heating/air conditioning

Advantages

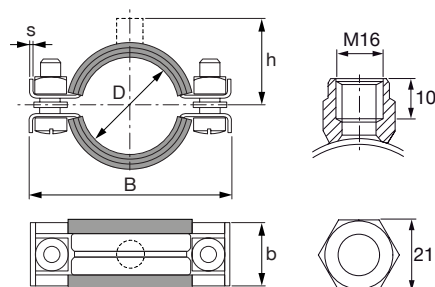
- Profiled clamp band for higher rigidity
- Solid, welded-on locknut
- Pre-assembled non-slip rubber profile



Technical data

Material composition	S235JRG – DIN EN 10025
Surface finish	Indoor coated - electro galvanized
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	19 dB (A)
Temperature resistance	-40°C – 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	ETA-18/0130*, Sound tested, Building material class B2 / E

*MP-MI 4" C - MP-MI 244.5 C

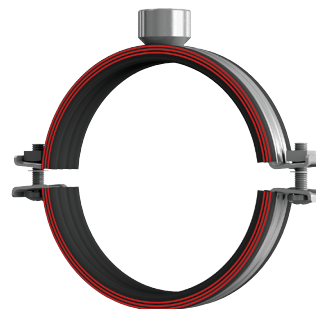
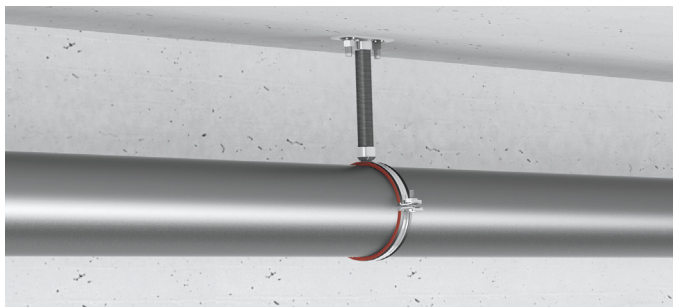


Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MI 2" C	57–64 mm	2"	M16	111 mm	24 x 2 mm	55,5 mm	56 mm	M8	3 Nm	1800 N	10 pcs	20858
MP-MI 2 ½" C	70–77 mm	2 ½"	M16	130 mm	24 x 2 mm	65 mm	65 mm	M8	3 Nm	1800 N	10 pcs	20863
MP-MI 3" C	82–90 mm	3"	M16	144 mm	24 x 2 mm	72 mm	72 mm	M8	3 Nm	1800 N	10 pcs	20867
MP-MI 4" C	108–114 mm	4"	M16	174 mm	30 x 2.5 mm	87 mm	84 mm	M8	3 Nm	2400 N	5 pcs	20872
MP-MI 133 C	132–137 mm		M16	198 mm	30 x 2.5 mm	99 mm	96 mm	M8	3 Nm	2400 N	10 pcs	20880
MP-MI 159 C	156–162 mm		M16	223 mm	30 x 2.5 mm	111,5 mm	107 mm	M8	3 Nm	2400 N	10 pcs	229087
MP-MI 6" C	162–168 mm	6"	M16	229 mm	30 x 2.5 mm	114,5 mm	111 mm	M8	3 Nm	2400 N	10 pcs	20888
MP-MI 177.8 C	175–180 mm		M16	244 mm	30 x 3 mm	122 mm	117 mm	M8	3 Nm	4500 N	10 pcs	20890
MP-MI 193.7 C	190–200 mm		M16	263 mm	30 x 3 mm	131,5 mm	127 mm	M8	3 Nm	4500 N	10 pcs	20892
MP-MI 212 C	210–219 mm		M16	283 mm	30 x 3 mm	141,5 mm	136 mm	M8	3 Nm	4500 N	10 pcs	20894
MP-MI 219.1 C	217–224 mm	8"	M16	288 mm	30 x 3 mm	144 mm	139 mm	M8	3 Nm	4500 N	10 pcs	20896
MP-MI 244.5 C	242–250 mm		M16	314 mm	30 x 3 mm	157 mm	152 mm	M8	3 Nm	4500 N	5 pcs	20898

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F				maximum deformation in case of fire - δt	
						30 min	60 min	90 min	120 min	30 min	> 30 min
57–64 mm	24 x 2 mm	M16	M8	3 Nm	1800 N	840 N	500 N	350 N	270 N	39 mm	54 mm
70–90 mm	24 x 2 mm	M16	M8	3 Nm	1800 N	850 N	560 N	430 N	350 N	45 mm	59 mm
108–168 mm	30 x 2.5 mm	M16	M8	3 Nm	2400 N	1320 N	910 N	730 N	620 N	66 mm	75 mm
190–250 mm	30 x 3 mm	M16	M8	3 Nm	4500 N	1780 N	1080 N	790 N	630 N	69 mm	78 mm

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Heavy-duty Pipe Clamp MP-MI ½" and ¾"

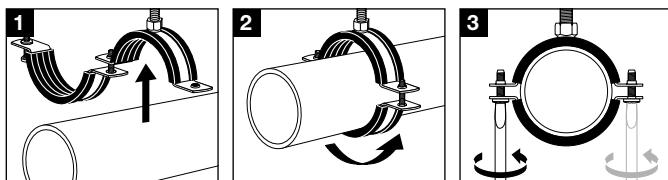

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Applications

- Application up to 224 mm

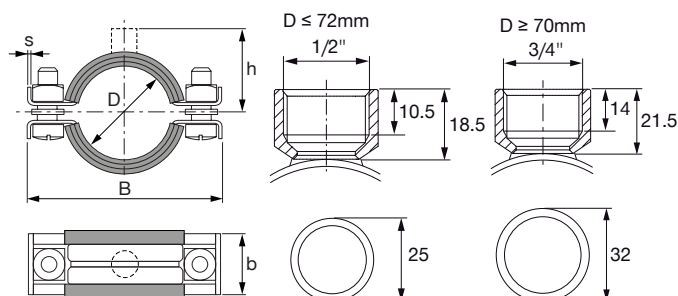
Advantages

- Profiled clamp band for higher rigidity
- Solid, welded nuts for closing screws, 68/72mm and above
- Pre-assembled non-slip rubber profile



Technical data

Material composition	S235JRG – DIN EN 10025
Surface finish	Indoor coated - electro galvanized
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	19 dB (A)
Temperature resistance	-40°C – 110°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Building material class B2 / E, Shock tested, Civil protection



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Gross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MI ¾" DL	15–19 mm	¾"	½"	64 mm	24 x 2 mm	32 mm	32 mm	M8	3 Nm	1800 N	25 pcs	20844
MP-MI ½" DL	20–25 mm	½"	½"	69 mm	24 x 2 mm	34,5 mm	35 mm	M8	3 Nm	1800 N	25 pcs	53132
MP-MI ¾" DL	25–30 mm	¾"	½"	75 mm	24 x 2 mm	37,5 mm	38 mm	M8	3 Nm	1800 N	25 pcs	53133
MP-MI 1" DL	32–38 mm	1"	½"	83 mm	24 x 2 mm	41,5 mm	41 mm	M8	3 Nm	1800 N	25 pcs	53134
MP-MI 1 ¼" DL	40–45 mm	1 ¼"	½"	92 mm	24 x 2 mm	46 mm	46 mm	M8	3 Nm	1800 N	25 pcs	53135
MP-MI 1 ½" DL	48–54 mm	1 ½"	½"	101 mm	24 x 2 mm	50,5 mm	49 mm	M8	3 Nm	1800 N	25 pcs	53136
MP-MI 54/57 DL	54–57 mm		½"	107 mm	24 x 2 mm	53,5 mm	52 mm	M8	3 Nm	1800 N	10 pcs	20856
MP-MI 2" DL	57–64 mm	2"	½"	111 mm	24 x 2 mm	55,5 mm	54 mm	M8	3 Nm	1800 N	10 pcs	53137
MP-MI 68/72 DL	68–72 mm		½"	123 mm	24 x 2 mm	61,5 mm	59 mm	M8	3 Nm	1800 N	10 pcs	20861
MP-MI 2 ½" EL	70–77 mm	2 ½"	¾"	130 mm	24 x 2 mm	65 mm	66 mm	M8	3 Nm	1800 N	10 pcs	53144
MP-MI 3" EL	82–90 mm	3"	¾"	144 mm	24 x 2 mm	72 mm	73 mm	M8	3 Nm	1800 N	10 pcs	53149
MP-MI 101.6 EL	97–103 mm		¾"	163 mm	30 x 2.5 mm	81,5 mm	80 mm	M8	3 Nm	2400 N	5 pcs	53150
MP-MI 4" EL	108–114 mm	4"	¾"	174 mm	30 x 2.5 mm	87 mm	86 mm	M8	3 Nm	2400 N	5 pcs	53151
MP-MI 117 EL	114–119 mm		¾"	179 mm	30 x 2.5 mm	89,5 mm	88 mm	M8	3 Nm	2400 N	5 pcs	20875
MP-MI 125 EL	122–127 mm		¾"	187 mm	30 x 2.5 mm	93,5 mm	92 mm	M8	3 Nm	2400 N	5 pcs	20877
MP-MI 127 EL	125–133 mm		¾"	197 mm	30 x 2.5 mm	98,5 mm	97 mm	M8	3 Nm	2400 N	10 pcs	53164
MP-MI 133 EL	132–137 mm		¾"	198 mm	30 x 2.5 mm	99 mm	97 mm	M8	3 Nm	2400 N	10 pcs	20881
MP-MI 5" EL	137–142 mm	5"	¾"	203 mm	30 x 2.5 mm	101,5 mm	100 mm	M8	3 Nm	2400 N	10 pcs	53165
MP-MI 152.4 EL	150–156 mm		¾"	216 mm	30 x 2.5 mm	108 mm	106 mm	M8	3 Nm	2400 N	10 pcs	20884
MP-MI 159 EL	156–162 mm		¾"	223 mm	30 x 2.5 mm	111,5 mm	106 mm	M8	3 Nm	2400 N	10 pcs	53168
MP-MI 6" EL	162–168 mm	6"	¾"	229 mm	30 x 2.5 mm	114,5 mm	112 mm	M8	3 Nm	2400 N	10 pcs	53170
MP-MI 177.8 EL	175–180 mm		¾"	244 mm	30 x 3 mm	122 mm	122 mm	M8	3 Nm	4500 N	10 pcs	20891
MP-MI 193.7 EL	190–200 mm		¾"	263 mm	30 x 3 mm	131,5 mm	120 mm	M8	3 Nm	4500 N	10 pcs	53172
MP-MI 212 EL	210–219 mm		¾"	283 mm	30 x 3 mm	141,5 mm	136 mm	M8	3 Nm	4500 N	10 pcs	20895
MP-MI 219.1 EL	217–224 mm		¾"	288 mm	30 x 3 mm	144 mm	142 mm	M8	3 Nm	4500 N	10 pcs	53174

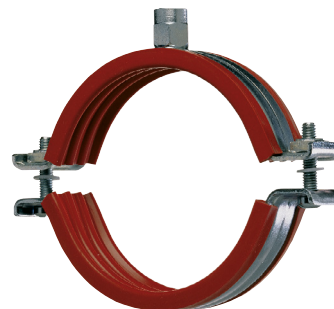
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Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
15–72 mm	24 x 2 mm	½"	M8	3 Nm	1800 N	1500 N	700 N	400 N	300 N
70–90 mm	24 x 2 mm	¾"	M8	3 Nm	1800 N	1500 N	700 N	400 N	300 N
97–168 mm	30 x 2.5 mm	¾"	M8	3 Nm	2400 N	2250 N	1200 N	800 N	700 N
175–224 mm	30 x 3 mm	¾"	M8	3 Nm	4500 N	3.000 N	1400 N	1000 N	900 N

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Heavy-duty Pipe Clamp MP-MIS M10/M12 and M16

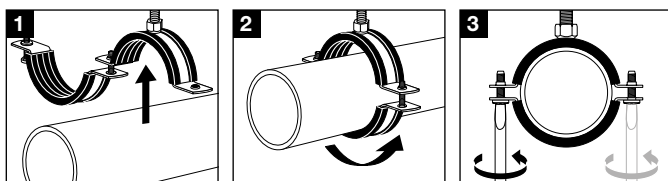

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Applications

- Fastening pipes subject to an extended temperature range

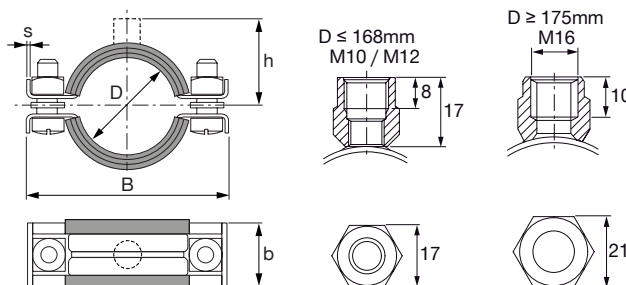
Advantages

- Pre-assembled non-slip rubber profile insert
- Solid, welded nuts for closing screws (diameter 68/72 mm and above)
- High temperature resistance up to +200°C



Technical data

Material composition	S235JRG – DIN EN 10025
Surface finish	Indoor coated - electro galvanized
Insulation material	Silicone rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	23 dB (A)
Temperature resistance	-60°C – 200°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Building material class B2 / E



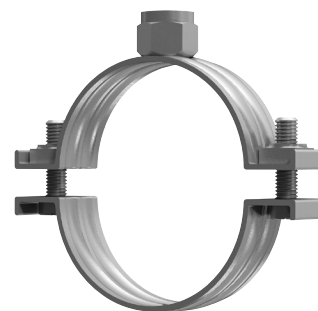
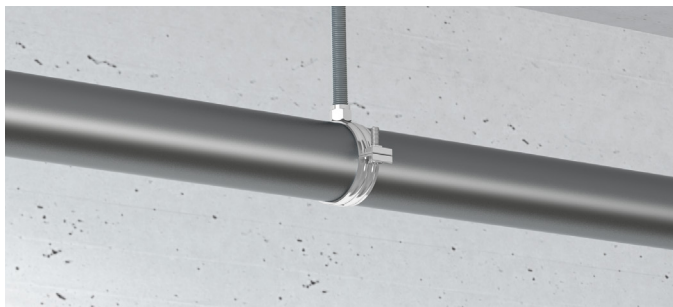
Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MIS 3/8" G	14–19 mm	3/8"	M10/M12	64 mm	24 x 2 mm	32 mm	33 mm	M8	3 Nm	1800 N	25 pcs	47407
MP-MIS 1/2" G	20–25 mm	1/2"	M10/M12	69 mm	24 x 2 mm	34,5 mm	36 mm	M8	3 Nm	1800 N	25 pcs	47408
MP-MIS 3/4" G	25–30 mm	3/4"	M10/M12	75 mm	24 x 2 mm	37,5 mm	39 mm	M8	3 Nm	1800 N	25 pcs	47409
MP-MIS 1" G	32–38 mm	1"	M10/M12	83 mm	24 x 2 mm	41,5 mm	42 mm	M8	3 Nm	1800 N	25 pcs	47410
MP-MIS 1 1/4" G	40–45 mm	1 1/4"	M10/M12	92 mm	24 x 2 mm	46 mm	47 mm	M8	3 Nm	1800 N	25 pcs	47411
MP-MIS 1 1/2" G	48–54 mm	1 1/2"	M10/M12	101 mm	24 x 2 mm	50,5 mm	50 mm	M8	3 Nm	1800 N	25 pcs	47412
MP-MIS 54/57 G	54–57 mm		M10/M12	107 mm	24 x 2 mm	53,5 mm	53 mm	M8	3 Nm	1800 N	10 pcs	47413
MP-MIS 2" G	57–64 mm	2"	M10/M12	111 mm	24 x 2 mm	55,5 mm	55 mm	M8	3 Nm	1800 N	10 pcs	47414
MP-MIS 68/72 G	68–72 mm		M10/M12	123 mm	24 x 2 mm	61,5 mm	60 mm	M8	3 Nm	1800 N	10 pcs	47415
MP-MIS 2 1/2" G	70–77 mm	2 1/2"	M10/M12	130 mm	24 x 2 mm	65 mm	64 mm	M8	3 Nm	1800 N	10 pcs	47400
MP-MIS 78/84 G	78–84 mm		M10/M12	N/A mm	24 x 2 mm	N/A mm	68 mm	M8	3 Nm	1800 N	10 pcs	47401
MP-MIS 3" G	82–90 mm	3"	M10/M12	144 mm	24 x 2 mm	72 mm	71 mm	M8	3 Nm	1800 N	10 pcs	47402
MP-MIS 101.6 G	97–103 mm		M10/M12	163 mm	30 x 2.5 mm	81,5 mm	78 mm	M8	3 Nm	2400 N	5 pcs	47403
MP-MIS 4" G	108–114 mm	4"	M10/M12	N/A mm	30 x 2.5 mm	N/A mm	84 mm	M8	3 Nm	2400 N	5 pcs	47404
MP-MIS 117 G	114–119 mm		M10/M12	179 mm	30 x 2.5 mm	89,5 mm	86 mm	M8	3 Nm	2400 N	5 pcs	47405
MP-MIS 125 G	122–127 mm		M10/M12	187 mm	30 x 2.5 mm	93,5 mm	90 mm	M8	3 Nm	2400 N	5 pcs	47406
MP-MIS 133 G	132–137 mm		M10/M12	198 mm	30 x 2.5 mm	99 mm	95 mm	M8	3 Nm	2400 N	10 pcs	47416
MP-MIS 5" G	137–142 mm	5"	M10/M12	203 mm	30 x 2.5 mm	101,5 mm	98 mm	M8	3 Nm	2400 N	10 pcs	47417
MP-MIS 159 G	156–162 mm		M10/M12	223 mm	30 x 2.5 mm	111,5 mm	107 mm	M8	3 Nm	2400 N	10 pcs	47418
MP-MIS 6" G	162–168 mm	6"	M10/M12	229 mm	30 x 2.5 mm	114,5 mm	110 mm	M8	3 Nm	2400 N	10 pcs	47419
MP-MIS 177.8 C	175–180 mm		M16	244 mm	30 x 3 mm	122 mm	117 mm	M8	3 Nm	4500 N	10 pcs	47420
MP-MIS 193.7 C	190–200 mm		M16	263 mm	30 x 3 mm	131,5 mm	127 mm	M8	3 Nm	4500 N	10 pcs	47421
MP-MIS 212 C	210–219 mm		M16	283 mm	30 x 3 mm	141,5 mm	136 mm	M8	3 Nm	4500 N	10 pcs	47422
MP-MIS 219.1	217–224 mm	8"	M16	288 mm	30 x 3 mm	144 mm	139 mm	M8	3 Nm	4500 N	10 pcs	47423
MP-MIS 244.5 C	242–250 mm		M16	314 mm	30 x 3 mm	157 mm	152 mm	M8	3 Nm	4500 N	5 pcs	47424

table continued on next page

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F				maximum deforma- tion in case of fire - δt	
						30 min	60 min	90 min	120 min	30 min	> 30 min
14–77 mm	24 x 2 mm	M10/M12	M8	3 Nm	1800 N	850 N	700 N	430 N	350 N	45 mm	59 mm
78–90 mm	24 x 2 mm	M10/M12	M8	3 Nm	1800 N	850 N	700 N	430 N	350 N	45 mm	59 mm
97–119 mm	30 x 2.5 mm	M10/M12	M8	3 Nm	2400 N	1320 N	910 N	730 N	620 N	66 mm	75 mm
122–127 mm	30 x 2.5 mm	M10/M12	M8	3 Nm	2400 N	1320 N	910 N	730 N	620 N	66 mm	75 mm
132–168 mm	30 x 2.5 mm	M10/M12	M8	3 Nm	2400 N	1320 N	910 N	730 N	620 N	66 mm	75 mm
175–250 mm	30 x 3 mm	M16	M8	3 Nm	4500 N	1780 N	1080 N	790 N	630 N	69 mm	78 mm

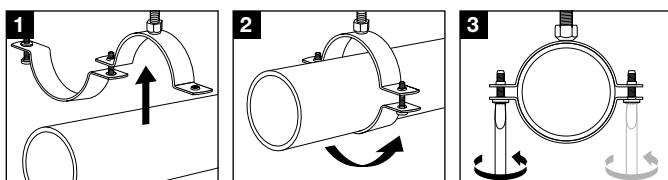
The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Heavy-duty Pipe Clamp MP-M M16


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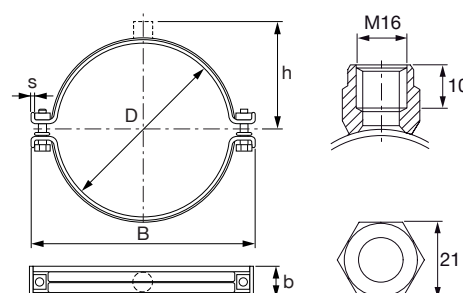
Advantages

- Solid, welded nuts for closing screws (diameter 68/72 mm and above)
- Profiled clamp band for higher rigidity



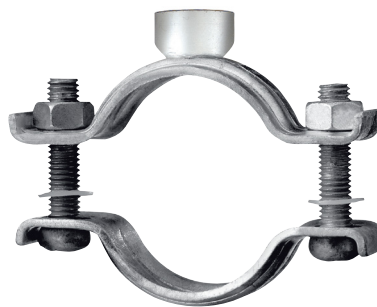
Technical data

Material composition	S235JRG – DIN EN 10025
Surface finish	Indoor coated - electro galvanized
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-M 2" C	57–64 mm	2"	M16	104 mm	24 x 2 mm	52 mm	51 mm	M8	3 Nm	2000 N	1 pc	20909
MP-M 2 ½" C	70–77 mm	2 ½"	M16	122 mm	24 x 2 mm	61 mm	59 mm	M8	3 Nm	2000 N	1 pc	20911
MP-M 3" C	82–90 mm	3"	M16	135 mm	24 x 2 mm	67,5 mm	65 mm	M8	3 Nm	2000 N	1 pc	20914
MP-M 4" C	108–114 mm	4"	M16	165 mm	30 x 2.5 mm	82,5 mm	78 mm	M8	3 Nm	3000 N	1 pc	20917
MP-M 5" C	137–142 mm	5"	M16	193 mm	30 x 2.5 mm	96,5 mm	92 mm	M8	3 Nm	3000 N	1 pc	20923
MP-M 6" C	162–168 mm	6"	M16	223 mm	30 x 2.5 mm	111,5 mm	106 mm	M8	3 Nm	3000 N	1 pc	20927
MP-M 177.8 C	175–180 mm		M16	235 mm	30 x 3 mm	117,5 mm	112 mm	M8	3 Nm	5000 N	1 pc	20929
MP-M 193.7 C	190–200 mm		M16	254 mm	30 x 3 mm	127 mm	122 mm	M8	3 Nm	5000 N	1 pc	20931
MP-M 219.1 C	217–224 mm	8"	M16	279 mm	30 x 3 mm	139,5 mm	134 mm	M8	3 Nm	5000 N	1 pc	20934
Clamping Range - D	Cross section width x thickness (b x s)		Thread - M		Clamp screw		Torque		Maximum load - F			
57–90 mm	24 x 2 mm		M16		M8		3 Nm		2000 N			
108–168 mm	30 x 2.5 mm		M16		M8		3 Nm		3000 N			
175–224 mm	30 x 3 mm		M16		M8		3 Nm		5000 N			

Heavy-duty Pipe Clamp MP-M 1/2" and 3/4"


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Applications

- Heavy-duty pipe installations up to 224 mm

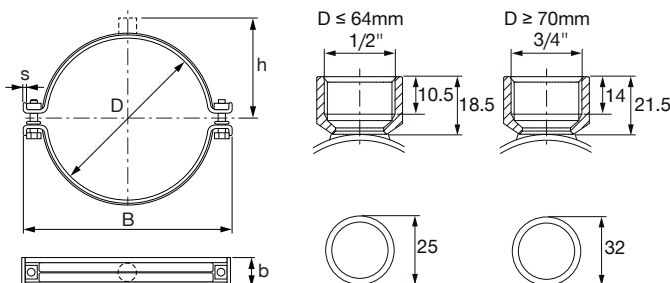
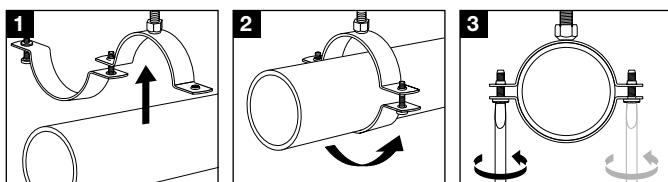
Advantages

- Solid, welded nuts for closing screws 2 1/2" and above
- Profiled clamp band for higher rigidity



Technical data

Material composition	S235JRG - DIN EN 10025
Surface finish	Indoor coated - electro galvanized
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Fire protection test IBMB 2101-348-18



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-M 3/8" DL	15-19 mm	3/8"	1/2"	64 mm	24 x 2 mm	32 mm	29 mm	M8	3 Nm	2000 N	25 pcs	53181
MP-M 1/2" DL	20-25 mm	1/2"	1/2"	69 mm	24 x 2 mm	34,5 mm	32 mm	M8	3 Nm	2000 N	25 pcs	53185
MP-M 3/4" DL	25-30 mm	3/4"	1/2"	75 mm	24 x 2 mm	37,5 mm	34 mm	M8	3 Nm	2000 N	25 pcs	53190
MP-M 1" DL	32-38 mm	1"	1/2"	83 mm	24 x 2 mm	41,5 mm	38 mm	M8	3 Nm	2000 N	25 pcs	53215
MP-M 1 1/4" DL	40-45 mm	1 1/4"	1/2"	92 mm	24 x 2 mm	46 mm	41 mm	M8	3 Nm	2000 N	25 pcs	53216
MP-M 1 1/2" DL	48-54 mm	1 1/2"	1/2"	101 mm	24 x 2 mm	50,5 mm	46 mm	M8	3 Nm	2000 N	25 pcs	53217
MP-M 2" DL	57-64 mm	2"	1/2"	111 mm	24 x 2 mm	55,5 mm	51 mm	M8	3 Nm	2000 N	10 pcs	53218
MP-M 2 1/2" EL	70-77 mm	2 1/2"	3/4"	130 mm	24 x 2 mm	65 mm	59 mm	M8	3 Nm	2000 N	10 pcs	20913
MP-M 3" EL	82-90 mm	3"	3/4"	144 mm	24 x 2 mm	72 mm	65 mm	M8	3 Nm	2000 N	10 pcs	53220
MP-M 101.6 EL	97-103 mm		3/4"	163 mm	30 x 2.5 mm	81,5 mm	75 mm	M8	3 Nm	3000 N	5 pcs	53221
MP-M 4" EL	108-114 mm	4"	3/4"	174 mm	30 x 2.5 mm	87 mm	81 mm	M8	3 Nm	3000 N	5 pcs	53223
MP-M 125 EL	122-127 mm		3/4"	187 mm	30 x 2.5 mm	93,5 mm	88 mm	M8	3 Nm	3000 N	5 pcs	20920
MP-M 127 EL	125-133 mm		3/4"	191 mm	30 x 2.5 mm	95,5 mm	90 mm	M8	3 Nm	3000 N	10 pcs	53224
MP-M 133 EL	132-137 mm		3/4"	198 mm	30 x 2.5 mm	99 mm	92 mm	M8	3 Nm	3000 N	10 pcs	20922
MP-M 5" EL	137-142 mm	5"	3/4"	203 mm	30 x 2.5 mm	101,5 mm	95 mm	M8	3 Nm	3000 N	10 pcs	53225
MP-M 152.4 EL	150-156 mm		3/4"	207 mm	30 x 2.5 mm	103,5 mm	102 mm	M8	3 Nm	3000 N	10 pcs	20925
MP-M 159 EL	156-162 mm		3/4"	223 mm	30 x 2.5 mm	111,5 mm	106 mm	M8	3 Nm	3000 N	10 pcs	53226
MP-M 6" EL	162-168 mm	6"	3/4"	229 mm	30 x 2.5 mm	114,5 mm	109 mm	M8	3 Nm	3000 N	10 pcs	53228
MP-M 177.8 EL	175-180 mm		3/4"	235 mm	30 x 3 mm	117,5 mm	115 mm	M8	3 Nm	5000 N	10 pcs	20930
MP-M 193.7 EL	190-200 mm		3/4"	263 mm	30 x 3 mm	131,5 mm	125 mm	M8	3 Nm	5000 N	10 pcs	53229
MP-M 212 EL	210-219 mm		3/4"	283 mm	30 x 3 mm	141,5 mm	134 mm	M8	3 Nm	5000 N	10 pcs	20933
MP-M 219.1 EL	217-224 mm		3/4"	288 mm	30 x 3 mm	144 mm	137 mm	M8	3 Nm	5000 N	10 pcs	53230

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
15-64 mm	24 x 2 mm	1/2"	M8	3 Nm	2000 N	1500 N	700 N	400 N	300 N
70-90 mm	24 x 2 mm	3/4"	M8	3 Nm	2000 N	1500 N	700 N	400 N	300 N
97-168 mm	30 x 2.5 mm	3/4"	M8	3 Nm	3000 N	2250 N	1200 N	800 N	700 N
175-224 mm	30 x 3 mm	3/4"	M8	3 Nm	5000 N	3000 N	1400 N	1000 N	900 N

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Heavy-duty Pipe Clamp MP-MXI M10/M12 and M16

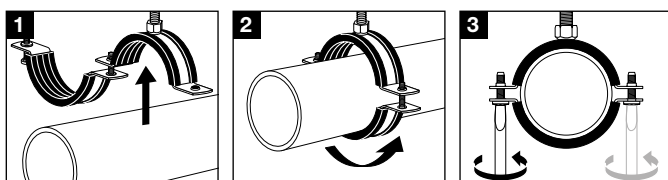


Applications

- Heavy-duty pipe installations up to 508 mm
- Installing industrial pipes
- Mounting process and control lines

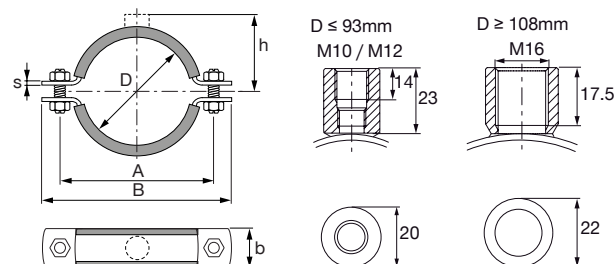
Advantages

- Solid connection head, welded all around
- Strong clamping screws for high load values
- Non-slip, pre-fitted profiled rubber inlay



Technical data

Material composition	DD11 - DIN EN 10111
Surface finish	Indoor coated - electro galvanized
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	16 dB (A)
Temperature resistance	-50°C - 120°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Fire protection test IBMB 2101-255-18, Building material class B2 / E



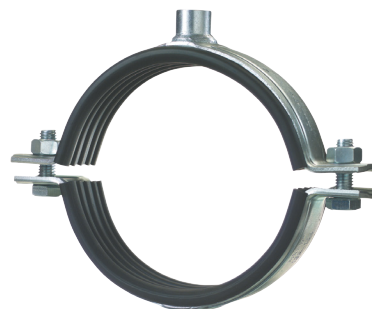
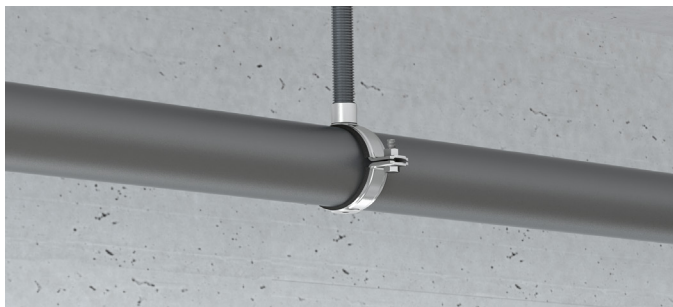
Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Distance between drilled holes - A	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MXI 2" M10/M12	60-65 mm	2"	M10/M12	142 mm	110 mm	30 x 3 mm	71 mm	64 mm	M12	10 Nm	2400 N	25 pcs	372226
MP-MXI 2 1/2" M10/M12	73-78 mm	2 1/2"	M10/M12	156 mm	124 mm	30 x 3 mm	78 mm	71 mm	M12	10 Nm	2400 N	25 pcs	372227
MP-MXI 3" M10/M12	88-93 mm	3"	M10/M12	172 mm	140 mm	30 x 3 mm	86 mm	78 mm	M12	10 Nm	2400 N	25 pcs	372228
MP-MXI 4" M16	108-116 mm	4"	M16	210 mm	172 mm	40 x 4 mm	105 mm	90 mm	M12	10 Nm	3100 N	25 pcs	372229
MP-MXI 125 M16	122-126 mm		M16	221 mm	183 mm	40 x 4 mm	110,5 mm	95 mm	M12	10 Nm	3100 N	25 pcs	372230
MP-MXI 133 M16	132-138 mm		M16	231 mm	193 mm	40 x 4 mm	115,5 mm	100 mm	M12	10 Nm	3100 N	10 pcs	372231
MP-MXI 5" M16	139-144 mm	5"	M16	238 mm	200 mm	40 x 4 mm	119 mm	104 mm	M12	10 Nm	3100 N	10 pcs	372232
MP-MXI 159 M16	159-166 mm		M16	261 mm	223 mm	40 x 4 mm	130,5 mm	115 mm	M12	10 Nm	3100 N	10 pcs	372233
MP-MXI 6" M16	163-170 mm	6"	M16	265 mm	234 mm	40 x 4 mm	132,5 mm	117 mm	M12	20 Nm	7500 N	10 pcs	372234
MP-MXI 177.8 M16	177-182 mm		M16	284 mm	246 mm	40 x 4 mm	142 mm	123 mm	M16	20 Nm	7500 N	10 pcs	372235
MP-MXI 193.7 M16	192-200 mm		M16	303 mm	264 mm	40 x 4 mm	151,5 mm	132 mm	M16	20 Nm	7500 N	10 pcs	372236
MP-MXI 210 M16	210-218 mm		M16	321 mm	283 mm	40 x 4 mm	160,5 mm	141 mm	M16	20 Nm	7500 N	10 pcs	372237
MP-MXI 219 M16	219-228 mm		M16	330 mm	292 mm	40 x 4 mm	165 mm	146 mm	M16	20 Nm	7500 N	10 pcs	372238
MP-MXI 244.5 M16	244-253 mm		M16	355 mm	317 mm	40 x 4 mm	177,5 mm	158 mm	M16	20 Nm	7500 N	10 pcs	372239
MP-MXI 267/274 M16	267-274 mm		M16	375 mm	334 mm	40 x 4 mm	187,5 mm	167 mm	M16	20 Nm	7500 N	10 pcs	372240
MP-MXI 275 M16	275-282 mm		M16	384 mm	346 mm	40 x 4 mm	192 mm	173 mm	M16	20 Nm	7500 N	10 pcs	372241
MP-MXI 324 M16	315-324 mm		M16	441 mm	391 mm	50 x 5 mm	220,5 mm	190 mm	M16	20 Nm	11000 N	1 pc	372242
MP-MXI 326 M16	325-330 mm		M16	445 mm	394 mm	50 x 5 mm	222,5 mm	192 mm	M16	20 Nm	11000 N	1 pc	372243
MP-MXI 355 M16	348-356 mm		M16	471 mm	421 mm	50 x 5 mm	235,5 mm	205 mm	M16	20 Nm	11000 N	1 pc	372244
MP-MXI 368 M16	364-372 mm		M16	488 mm	437 mm	50 x 5 mm	244 mm	213 mm	M16	20 Nm	11000 N	1 pc	372245
MP-MXI 406 M16	400-409 mm		M16	525 mm	474 mm	50 x 5 mm	262,5 mm	232 mm	M16	20 Nm	11000 N	1 pc	372246
MP-MXI 457 M16	454-462 mm		M16	586 mm	530 mm	70 x 6 mm	293 mm	259 mm	M16	20 Nm	17000 N	1 pc	372247
MP-MXI 508 M16	500-508 mm		M16	632 mm	577 mm	70 x 6 mm	316 mm	282 mm	M16	20 Nm	17000 N	1 pc	372248

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Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
60–93 mm	30 x 3 mm	M10/M12	M12	10 Nm	2400 N	1700 N	1100 N	850 N	700 N
108–166 mm	40 x 4 mm	M16	M12	10 Nm	3100 N	1700 N	1100 N	850 N	700 N
163–170 mm	40 x 4 mm	M16	M12	20 Nm	7500 N	3000 N	2000 N	1600 N	1350 N
177–282 mm	40 x 4 mm	M16	M16	20 Nm	7500 N	3000 N	2000 N	1600 N	1350 N
315–409 mm	50 x 5 mm	M16	M16	20 Nm	11000 N	3000 N	2000 N	1600 N	1350 N
454–508 mm	70 x 6 mm	M16	M16	20 Nm	17000 N	3000 N	2000 N	1600 N	1350 N
The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter									

Heavy-duty Pipe Clamp MP-MXI ¾" and 1"

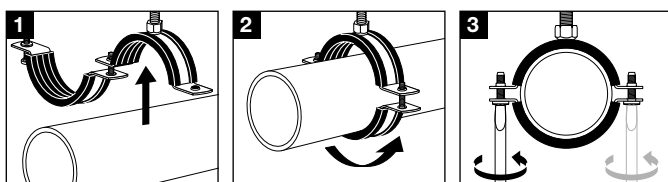

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Applications

- Heavy-duty pipe installations up to 508 mm
- Heating and plumbing pipes
- Mounting process and control lines

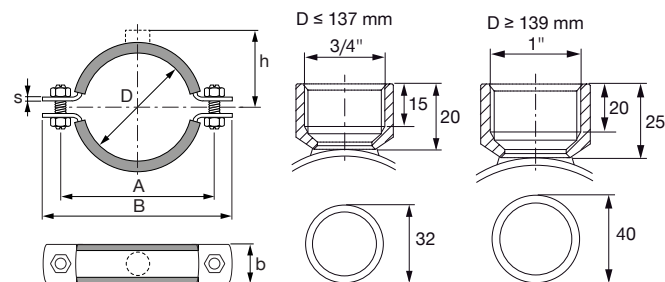
Advantages

- Solid connection head, welded all around
- Strong clamping screws for high load values
- Non-slip, pre-fitted profiled rubber inlay



Technical data

Material composition	DD11 - DIN EN 10111
Surface finish	Indoor coated - electro galvanized
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	16 dB (A)
Temperature resistance	-50°C - 120°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Fire protection test IBMB 2101-255-18, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Distance between drilled holes - A	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MXI 2" ¾"	60-65 mm	2"	¾"	142 mm	110 mm	30 x 3 mm	71 mm	64 mm	M10	5 Nm	2400 N	25 pcs	372249
MP-MXI 2 ½" ¾"	73-78 mm	2 ½"	¾"	156 mm	124 mm	30 x 3 mm	78 mm	71 mm	M10	5 Nm	2400 N	25 pcs	372250
MP-MXI 3" ¾"	88-93 mm	3"	¾"	172 mm	140 mm	30 x 3 mm	86 mm	78 mm	M10	5 Nm	2400 N	25 pcs	372251
MP-MXI 4" ¾"	108-116 mm	4"	¾"	210 mm	172 mm	40 x 4 mm	105 mm	90 mm	M12	10 Nm	3100 N	25 pcs	372252
MP-MXI 125 ¾"	122-126 mm		¾"	221 mm	183 mm	40 x 4 mm	110,5 mm	95 mm	M12	10 Nm	3100 N	25 pcs	372253
MP-MXI 133 ¾"	131-137 mm		¾"	231 mm	193 mm	40 x 4 mm	115,5 mm	100 mm	M12	10 Nm	3100 N	10 pcs	372254
MP-MXI 5" 1"	139-144 mm	5"	1"	238 mm	200 mm	40 x 4 mm	119 mm	104 mm	M12	10 Nm	3100 N	10 pcs	372255
MP-MXI 159 1"	159-166 mm		1"	261 mm	223 mm	40 x 4 mm	130,5 mm	115 mm	M12	10 Nm	3100 N	10 pcs	372256
MP-MXI 6" 1"	163-170 mm	6"	1"	265 mm	234 mm	40 x 4 mm	132,5 mm	117 mm	M16	20 Nm	7500 N	10 pcs	372257
MP-MXI 177.8 1"	177-182 mm		1"	284 mm	246 mm	40 x 4 mm	142 mm	123 mm	M16	20 Nm	7500 N	10 pcs	372258
MP-MXI 193.7 1"	192-200 mm		1"	303 mm	264 mm	40 x 4 mm	151,5 mm	132 mm	M16	20 Nm	7500 N	10 pcs	372259
MP-MXI 210 1"	210-218 mm		1"	321 mm	283 mm	40 x 4 mm	160,5 mm	141 mm	M16	20 Nm	7500 N	10 pcs	372260
MP-MXI 219 1"	219-228 mm		1"	330 mm	292 mm	40 x 4 mm	165 mm	146 mm	M16	20 Nm	7500 N	10 pcs	372261
MP-MXI 244.5 1"	244-253 mm		1"	355 mm	317 mm	40 x 4 mm	177,5 mm	158 mm	M16	20 Nm	7500 N	10 pcs	372262
MP-MXI 267/274 1"	267-274 mm		1"	375 mm	334 mm	40 x 4 mm	187,5 mm	167 mm	M16	20 Nm	7500 N	10 pcs	372263
MP-MXI 275 1"	275-282 mm		1"	384 mm	346 mm	40 x 4 mm	192 mm	173 mm	M16	20 Nm	7500 N	10 pcs	372264
MP-MXI 324 1"	315-324 mm		1"	441 mm	391 mm	50 x 5 mm	220,5 mm	190 mm	M16	20 Nm	11000 N	1 pc	372265
MP-MXI 326 1"	325-330 mm		1"	445 mm	394 mm	50 x 5 mm	222,5 mm	192 mm	M16	20 Nm	11000 N	1 pc	372266
MP-MXI 355 1"	348-356 mm		1"	471 mm	421 mm	50 x 5 mm	235,5 mm	205 mm	M16	20 Nm	11000 N	1 pc	372267
MP-MXI 368 1"	364-372 mm		1"	488 mm	437 mm	50 x 5 mm	244 mm	213 mm	M16	20 Nm	11000 N	1 pc	372268
MP-MXI 406 1"	400-409 mm		1"	525 mm	474 mm	50 x 5 mm	262,5 mm	232 mm	M16	20 Nm	11000 N	1 pc	372269
MP-MXI 457 1"	454-462 mm		1"	586 mm	530 mm	70 x 6 mm	293 mm	259 mm	M16	20 Nm	17000 N	1 pc	372270
MP-MXI 508 1"	500-508 mm		1"	632 mm	577 mm	70 x 6 mm	316 mm	282 mm	M16	20 Nm	17000 N	1 pc	372271

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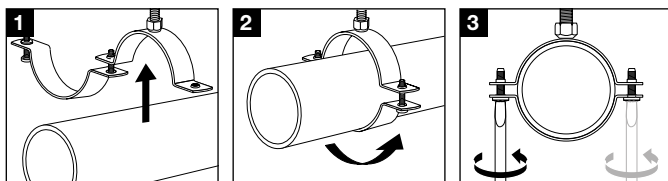
Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
60–93 mm	30 x 3 mm	¾"	M10	5 Nm	2400 N	1700 N	1100 N	850 N	700 N
108–137 mm	40 x 4 mm	¾"	M12	10 Nm	3100 N	1700 N	1100 N	850 N	700 N
139–166 mm	40 x 4 mm	1"	M12	10 Nm	3100 N	1700 N	1100 N	850 N	700 N
163–282 mm	40 x 4 mm	1"	M16	20 Nm	7500 N	3000 N	2000 N	1600 N	1350 N
315–409 mm	50 x 5 mm	1"	M16	20 Nm	11000 N	3000 N	2000 N	1600 N	1350 N
454–508 mm	70 x 6 mm	1"	M16	20 Nm	17000 N	3000 N	2000 N	1600 N	1350 N
The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter									

Heavy-duty Pipe Clamp MP-MX M10/M12 and M16



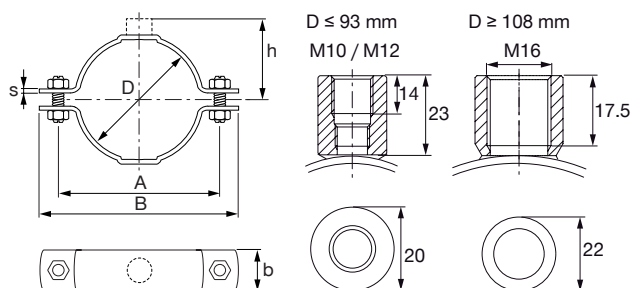
Advantages

- Solid connection head, welded all around
- Strong clamping screws for high load values
- Suitable for installing pipes under dynamic loading if used with vibration-damping components



Technical data

Material composition	DD11 - DIN EN 10111
Surface finish	Indoor coated - electro galvanized
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Fire protection test IBMB 2101-255-18, FM approved (122-170 mm)



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Distance between drilled holes - A	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MX 2" M10/M12	60-65 mm	2"	M10/M12	132 mm	102 mm	30 x 3 mm	66 mm	60 mm	M12	10 Nm	4000 N	25 pcs	372272
MP-MX 2 1/2" M10/M12	73-78 mm	2 1/2"	M10/M12	146 mm	116 mm	30 x 3 mm	73 mm	67 mm	M12	10 Nm	4000 N	25 pcs	372273
MP-MX 3" M10/M12	88-93 mm	3"	M10/M12	161 mm	131 mm	30 x 3 mm	80,5 mm	74 mm	M12	10 Nm	4000 N	25 pcs	372274
MP-MX 4" M16	108-116 mm	4"	M16	198 mm	160 mm	40 x 4 mm	99 mm	84 mm	M12	10 Nm	10000 N	25 pcs	372275
MP-MX 125 M16	122-128 mm		M16	210 mm	172 mm	40 x 4 mm	105 mm	89 mm	M12	10 Nm	10000 N	25 pcs	372276
MP-MX 133 M16	132-138 mm		M16	221 mm	183 mm	40 x 4 mm	110,5 mm	94 mm	M12	10 Nm	10000 N	10 pcs	372277
MP-MX 5" M16	139-144 mm	5"	M16	226 mm	188 mm	40 x 4 mm	113 mm	98 mm	M12	10 Nm	10000 N	10 pcs	372278
MP-MX 159 M16	159-166 mm		M16	249 mm	210 mm	40 x 4 mm	124,5 mm	109 mm	M12	10 Nm	10000 N	10 pcs	372279
MP-MX 6" M16	163-170 mm	6"	M16	253 mm	215 mm	40 x 4 mm	126,5 mm	111 mm	M12	10 Nm	11000 N	10 pcs	372280
MP-MX 177.8 M16	177-182 mm		M16	272 mm	234 mm	40 x 4 mm	136 mm	117 mm	M16	20 Nm	11000 N	10 pcs	372281
MP-MX 193.7 M16	192-200 mm		M16	290 mm	252 mm	40 x 4 mm	145 mm	126 mm	M16	20 Nm	11000 N	10 pcs	372282
MP-MX 210 M16	210-218 mm		M16	309 mm	271 mm	40 x 4 mm	154,5 mm	135 mm	M16	20 Nm	11000 N	10 pcs	372283
MP-MX 219 M16	219-228 mm		M16	318 mm	280 mm	40 x 4 mm	159 mm	140 mm	M16	20 Nm	11000 N	10 pcs	372284
MP-MX 244.5 M16	244-253 mm		M16	343 mm	305 mm	40 x 4 mm	171,5 mm	152 mm	M16	20 Nm	11000 N	10 pcs	372285
MP-MX 267/274 M16	267-274 mm		M16	363 mm	325 mm	40 x 4 mm	181,5 mm	162 mm	M16	20 Nm	11000 N	10 pcs	372286
MP-MX 275 M16	275-282 mm		M16	372 mm	334 mm	40 x 4 mm	186 mm	167 mm	M16	20 Nm	11000 N	10 pcs	372287
MP-MX 324 M16	315-324 mm		M16	429 mm	378 mm	50 x 5 mm	214,5 mm	184 mm	M16	20 Nm	13000 N	1 pc	372288
MP-MX 326 M16	325-330 mm		M16	433 mm	382 mm	50 x 5 mm	216,5 mm	186 mm	M16	20 Nm	13000 N	1 pc	372289
MP-MX 355 M16	348-356 mm		M16	460 mm	408 mm	50 x 5 mm	230 mm	199 mm	M16	20 Nm	13000 N	1 pc	372290
MP-MX 368 M16	364-372 mm		M16	476 mm	425 mm	50 x 5 mm	238 mm	207 mm	M16	20 Nm	13000 N	1 pc	372291
MP-MX 406 M16	400-409 mm		M16	514 mm	462 mm	50 x 5 mm	257 mm	226 mm	M16	20 Nm	13000 N	1 pc	372292
MP-MX 457 M16	454-462 mm		M16	574 mm	519 mm	70 x 6 mm	287 mm	253 mm	M16	20 Nm	19000 N	1 pc	372293
MP-MX 508 M16	500-508 mm		M16	620 mm	565 mm	70 x 6 mm	310 mm	276 mm	M16	20 Nm	19000 N	1 pc	372294

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
60-93 mm	30 x 3 mm	M10/M12	M12	10 Nm	4000 N	1700 N	1100 N	850 N	700 N
108-166 mm	40 x 4 mm	M16	M12	10 Nm	10000 N	1700 N	1100 N	850 N	700 N
163-170 mm	40 x 4 mm	M16	M12	10 Nm	11000 N	3000 N	2000 N	1600 N	1350 N
177-282 mm	40 x 4 mm	M16	M16	20 Nm	11000 N	3000 N	2000 N	1600 N	1350 N
315-409 mm	50 x 5 mm	M16	M16	20 Nm	13000 N	3000 N	2000 N	1600 N	1350 N
454-508 mm	70 x 6 mm	M16	M16	20 Nm	19000 N	3000 N	2000 N	1600 N	1350 N
139-144 mm	40 x 4 mm	M16	M12	10 Nm	10000 N	1700 N	1100 N	850 N	700 N

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Heavy-duty Pipe Clamp MP-MX 3/4" and 1"

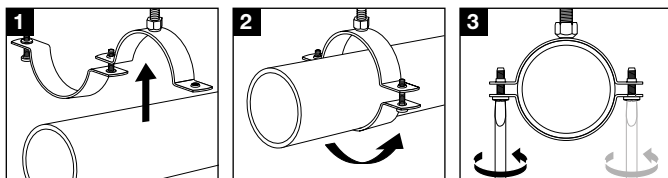

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Applications

- Heavy-duty pipe installations up to 508 mm
- Mounting process and control lines
- Heavy-duty plumbing and heating applications

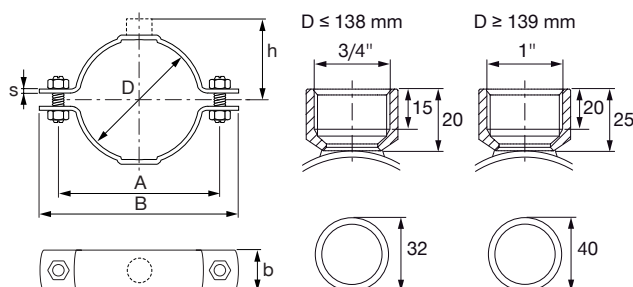
Advantages

- Solid connection head, welded all around
- Strong clamping screws for high load values
- Suitable for installing pipes under dynamic loading if used with vibration-damping components



Technical data

Material composition	DD11 - DIN EN 10111
Surface finish	Indoor coated - electro galvanized
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Fire protection test IBMB 2101-255-18

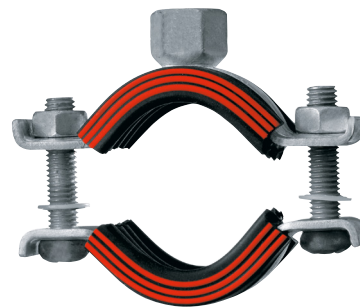
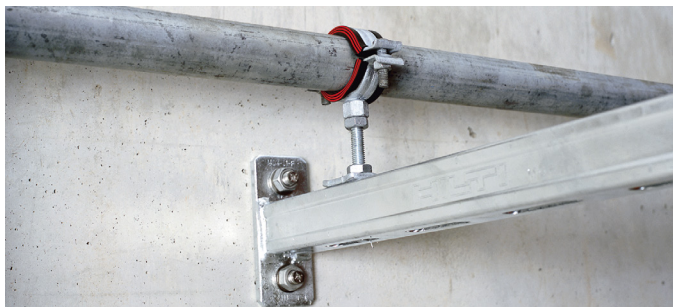


Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Distance between drilled holes - A	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MX 2" 3/4"	60-65 mm	2"	3/4"	132 mm	102 mm	30 x 3 mm	66 mm	60 mm	M10	5 Nm	4000 N	25 pcs	372295
MP-MX 2 1/2" 3/4"	73-78 mm	2 1/2"	3/4"	146 mm	116 mm	30 x 3 mm	73 mm	67 mm	M10	5 Nm	4000 N	25 pcs	372296
MP-MX 3" 3/4"	88-93 mm	3"	3/4"	161 mm	131 mm	30 x 3 mm	80,5 mm	74 mm	M10	5 Nm	4000 N	25 pcs	372297
MP-MX 4" 3/4"	108-116 mm	4"	3/4"	198 mm	160 mm	40 x 4 mm	99 mm	84 mm	M12	10 Nm	10000 N	25 pcs	372298
MP-MX 125 3/4"	122-128 mm		3/4"	210 mm	172 mm	40 x 4 mm	105 mm	89 mm	M12	10 Nm	10000 N	25 pcs	372299
MP-MX 133 3/4"	132-138 mm		3/4"	221 mm	183 mm	40 x 4 mm	110,5 mm	94mm	M12	10 Nm	10000 N	10 pcs	372300
MP-MX 5" 1"	139-144 mm	5"	1"	226 mm	188 mm	40 x 4 mm	113 mm	98 mm	M12	10 Nm	10000 N	10 pcs	372301
MP-MX 159 1"	159-166 mm		1"	249 mm	210 mm	40 x 4 mm	124,5 mm	109 mm	M12	10 Nm	10000 N	10 pcs	372302
MP-MX 6" 1"	163-170 mm	6"	1"	253 mm	215 mm	40 x 4 mm	126,5 mm	111 mm	M12	10 Nm	10000 N	10 pcs	372303
MP-MX 177.8 1"	177-182 mm		1"	272 mm	234 mm	40 x 4 mm	136 mm	117 mm	M16	20 Nm	11000 N	10 pcs	372304
MP-MX 193.7 1"	192-200 mm		1"	290 mm	252 mm	40 x 4 mm	145 mm	126 mm	M16	20 Nm	11000 N	10 pcs	372305
MP-MX 210 1"	210-218 mm		1"	309 mm	271 mm	40 x 4 mm	154,5 mm	135 mm	M16	20 Nm	11000 N	10 pcs	372306
MP-MX 219 1"	219-228 mm		1"	318 mm	280 mm	40 x 4 mm	159 mm	140 mm	M16	20 Nm	11000 N	10 pcs	372307
MP-MX 244.5 1"	244-253 mm		1"	343 mm	305 mm	40 x 4 mm	171,5 mm	152 mm	M16	20 Nm	11000 N	10 pcs	372308
MP-MX 267/274 1"	267-274 mm		1"	363 mm	325 mm	40 x 4 mm	181,5 mm	162 mm	M16	20 Nm	11000 N	10 pcs	372309
MP-MX 275 1"	274-282 mm		1"	372 mm	334 mm	40 x 4 mm	186 mm	167 mm	M16	20 Nm	11000 N	10 pcs	372310
MP-MX 324 1"	315-324 mm		1"	429 mm	378 mm	50 x 5 mm	214,5 mm	184 mm	M16	20 Nm	13000 N	1 pc	372311
MP-MX 326 1"	325-330 mm		1"	433 mm	382 mm	50 x 5 mm	216,5 mm	186 mm	M16	20 Nm	13000 N	1 pc	372312
MP-MX 355 1"	348-356 mm		1"	460 mm	408 mm	50 x 5 mm	230 mm	199 mm	M16	20 Nm	13000 N	1 pc	372313
MP-MX 406 1"	400-409 mm		1"	514 mm	462 mm	50 x 5 mm	257 mm	226 mm	M16	20 Nm	13000 N	1 pc	372315
MP-MX 457 1"	454-462 mm		1"	574 mm	519 mm	70 x 6 mm	287 mm	253 mm	M16	20 Nm	19000 N	1 pc	372316
MP-MX 508 1"	500-508 mm		1"	620 mm	565 mm	70 x 6 mm	310 mm	276 mm	M16	20 Nm	19000 N	1 pc	372317

Clamping range - D	Cross section width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
60-93 mm	30 x 3 mm	3/4"	M10	5 Nm	4000 N	1700 N	1100 N	850 N	700 N
108-138 mm	40 x 4 mm	3/4"	M12	10 Nm	10000 N	1700 N	1100 N	850 N	700 N
139-170 mm	40 x 4 mm	1"	M12	10 Nm	10000 N	1700 N	1100 N	850 N	700 N
177-282 mm	40 x 4 mm	1"	M16	20 Nm	11000 N	3000 N	2000 N	1600 N	1350 N
315-409 mm	50 x 5 mm	1"	M16	20 Nm	13000 N	3000 N	2000 N	1600 N	1350 N
454-508 mm	70 x 6 mm	1"	M16	20 Nm	19000 N	3000 N	2000 N	1600 N	1350 N

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter

Heavy-duty Pipe Clamp MP-MI-F (Hot-dip galvanized)

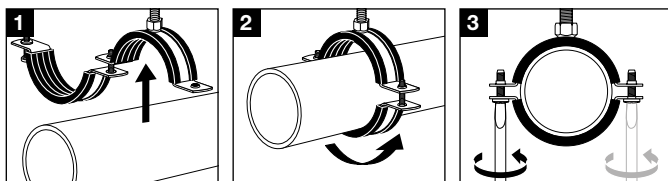

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Applications

- Heavy-duty pipe installations up to 3"
- Installing industrial pipes
- Mounting process and control lines
- Heavy-duty plumbing and heating applications

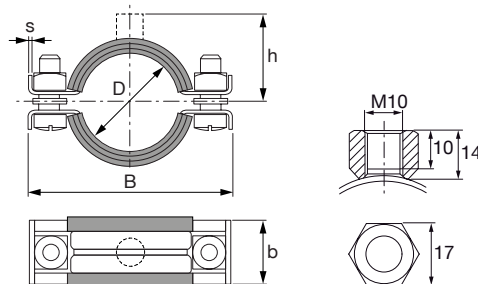
Advantages

- Closure screws secured to help prevent loss
- Solid welded-on connection head
- Profiled clamp band for higher rigidity
- High resistance to corrosion



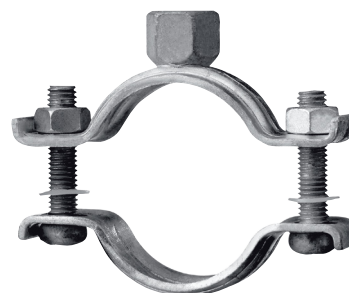
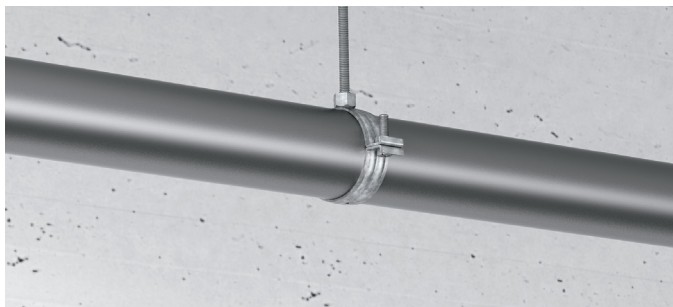
Technical data

Material composition	S235JR – DIN EN 10025
Surface finish	Hot-dip galvanized, 45 µm – DIN EN ISO 1461
Insulation material	EPDM Rubber
Hardness insulation material	50 ° ± 5 ° Shore A
Noise reduction	18 dB (A)
Temperature resistance	-50°C – 120°C
Environmental conditions	Outdoor, low to moderate pollution (C3 / C4 - low)
Test reports/Approvals	Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MI-F ½"	20–25 mm	½"	M10	69 mm	24 x 2 mm	34,5 mm	28 mm	M8	3Nm	1800 N	25 pcs	304258
MP-MI-F ¾"	25–30 mm	¾"	M10	75 mm	24 x 2 mm	37,5 mm	30 mm	M8	3Nm	1800 N	25 pcs	304259
MP-MI-F 1"	32–38 mm	1"	M10	83 mm	24 x 2 mm	41,5 mm	34 mm	M8	3Nm	1800 N	25 pcs	304260
MP-MI-F 1 ¼"	40–45 mm	1 ¼"	M10	92 mm	24 x 2 mm	46 mm	38 mm	M8	3Nm	1800 N	25 pcs	304261
MP-MI-F 1 ½"	48–54 mm	1 ½"	M10	101 mm	24 x 2 mm	50,5 mm	42 mm	M8	3Nm	1800 N	25 pcs	304262
MP-MI-F 54/57	54–57 mm		M10	107 mm	24 x 2 mm	53,5 mm	47 mm	M8	3Nm	1800 N	10 pcs	304263
MP-MI-F 2"	57–64 mm	2"	M10	111 mm	24 x 2 mm	55,5 mm	48 mm	M8	3Nm	1800 N	10 pcs	304264
MP-MI-F 2 ½"	70–77 mm	2 ½"	M10	130 mm	24 x 2 mm	65 mm	51 mm	M8	3Nm	1800 N	10 pcs	304266
MP-MI-F 80/84	78–84 mm		M10	139 mm	24 x 2 mm	69,5 mm	58 mm	M8	3Nm	1800 N	10 pcs	304267
MP-MI-F 3"	82–90 mm	3"	M10	144 mm	24 x 2 mm	72 mm	57 mm	M8	3Nm	1800 N	10 pcs	304268
Clamping range - D	Crossection width x thickness (b x s)			Thread - M		Clamp screw		Torque		Maximum load - F		
20–90 mm	24 x 2 mm			M10		M8		3 Nm		1800 N		

Heavy-duty Pipe Clamp MP-M-F (Hot-dip galvanized)

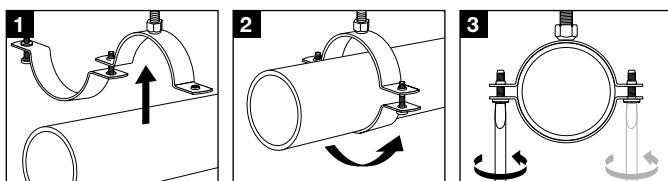

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Applications

- Heavy-duty pipe installations up to 3"
- Installing industrial pipes
- Mounting process and control lines
- Heavy-duty plumbing and heating applications

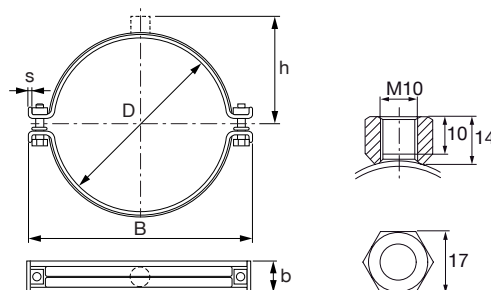
Advantages

- Closure screws secured to help prevent loss
- Solid welded-on connection head
- Profiled clamp band for higher rigidity
- High resistance to corrosion



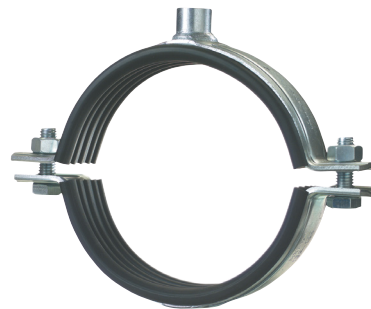
Technical data

Material composition	S235JR - DIN EN 10025
Surface finish	Hot-dip galvanized, 45 µm - DIN EN ISO 1461
Environmental conditions	Outdoor, low to moderate pollution (C3 / C4 - low)



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-M-F ½"	20–25 mm	½"	M10	69 mm	24 x 2 mm	34,5 mm	25 mm	M8	3Nm	1800 N	25 pcs	304269
MP-M-F ¾"	25–30 mm	¾"	M10	75 mm	24 x 2 mm	37,5 mm	28 mm	M8	3Nm	1800 N	25 pcs	304270
MP-M-F 1"	32–38 mm	1"	M10	83 mm	24 x 2 mm	41,5 mm	32 mm	M8	3Nm	1800 N	25 pcs	304271
MP-M-F 1 ¼"	40–45 mm	1 ¼"	M10	92 mm	24 x 2 mm	46 mm	35 mm	M8	3Nm	1800 N	25 pcs	304272
MP-M-F 1 ½"	48–54 mm	1 ½"	M10	101 mm	24 x 2 mm	50,5 mm	39 mm	M8	3Nm	1800 N	25 pcs	304273
MP-M-F 54/57	54–57 mm		M10	99 mm	24 x 2 mm	49,5 mm	44 mm	M8	3Nm	1800 N	10 pcs	304274
MP-M-F 2"	57–64 mm	2"	M10	111 mm	24 x 2 mm	55,5 mm	45 mm	M8	3Nm	1800 N	10 pcs	304275
MP-M-F 68/72	68–72 mm		M10	115 mm	24 x 2 mm	57,5 mm	51 mm	M8	3Nm	1800 N	10 pcs	304276
MP-M-F 2 ½"	70–77 mm	2 ½"	M10	130 mm	24 x 2 mm	65 mm	50 mm	M8	3Nm	1800 N	10 pcs	304277
MP-M-F 3"	82–90 mm	3"	M10	144 mm	24 x 2 mm	72 mm	55 mm	M8	3Nm	1800 N	10 pcs	304278
Clamping range - D	Crosssection width x thickness (b x s)		Thread - M		Clamp screw		Torque		Maximum load - F			
20–77 mm	24 x 2 mm		M10		M8		3 Nm		1800 N			

Heavy-duty Pipe Clamp MP-MXI-F M10/M12 and M16 (Hot-dip galvanized)

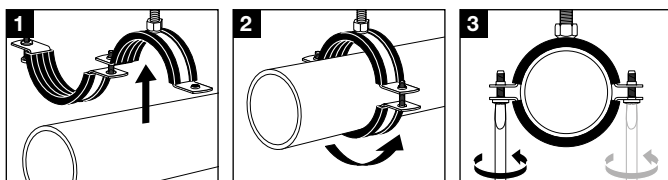

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Applications

- Heavy-duty pipe installations up to 508 mm
- Installing industrial pipes
- Mounting process and control lines

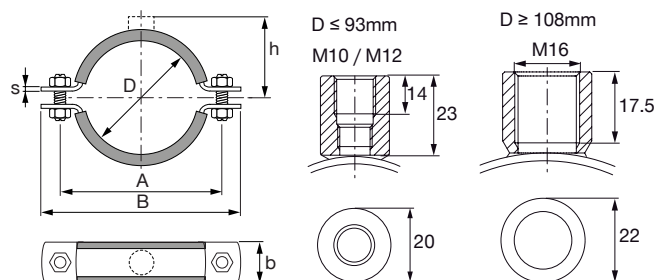
Advantages

- Solid connection head, welded all around
- Strong clamping screws for high load values
- Non-slip, pre-fitted profiled rubber inlay



Technical data

Material composition	DD11 - DIN EN 10111
Surface finish	Hot-dip galvanized, 45 µm - DIN EN ISO 1461
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	16 dB (A)
Temperature resistance	-50°C - 120°C
Environmental conditions	Outdoor, low to moderate pollution (C3 / C4 - low)
Test reports/Approvals	Sound tested, Fire protection test IBMB 2101-255-18, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Distance between drilled holes - A	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MXI-F 2" M10/M12	60-65 mm	2"	M10/M12	142 mm	110 mm	30 x 3 mm	71 mm	64 mm	M10	5 Nm	2400 N	25 pcs	374897
MP-MXI-F 2 1/2" M10/M12	73-78 mm	2 1/2"	M10/M12	156 mm	124 mm	30 x 3 mm	78 mm	71 mm	M10	5 Nm	2400 N	25 pcs	374898
MP-MXI-F 3" M10/M12	88-93 mm	3"	M10/M12	172 mm	140 mm	30 x 3 mm	86 mm	78 mm	M10	5 Nm	2400 N	25 pcs	374899
MP-MXI-F 4" M16	108-116 mm	4"	M16	210 mm	172 mm	40 x 4 mm	105 mm	90 mm	M12	10 Nm	3100 N	25 pcs	374900
MP-MXI-F 125 M16	122-126 mm		M16	221 mm	183 mm	40 x 4 mm	110,5 mm	95 mm	M12	10 Nm	3100 N	25 pcs	374901
MP-MXI-F 133 M16	131-137 mm		M16	231 mm	193 mm	40 x 4 mm	115,5 mm	100 mm	M12	10 Nm	3100 N	10 pcs	374902
MP-MXI-F 5" M16	139-144 mm	5"	M16	238 mm	200 mm	40 x 4 mm	119 mm	104 mm	M12	10 Nm	3100 N	10 pcs	374903
MP-MXI-F 159 M16	159-166 mm		M16	261 mm	223 mm	40 x 4 mm	130,5 mm	115 mm	M12	10 Nm	3100 N	10 pcs	374904
MP-MXI-F 6" M16	163-170 mm	6"	M16	265 mm	234 mm	40 x 4 mm	132,5 mm	117 mm	M16	20 Nm	7500 N	10 pcs	374905
MP-MXI-F 177.8 M16	177-182 mm		M16	284 mm	246 mm	40 x 4 mm	142 mm	123 mm	M16	20 Nm	7500 N	10 pcs	374906
MP-MXI-F 193.7 M16	192-200 mm		M16	303 mm	264 mm	40 x 4 mm	151,5 mm	132 mm	M16	20 Nm	7500 N	10 pcs	374907
MP-MXI-F 210 M16	210-218 mm		M16	321 mm	283 mm	40 x 4 mm	160,5 mm	141 mm	M16	20 Nm	7500 N	10 pcs	374908
MP-MXI-F 219 M16	219-228 mm		M16	330 mm	292 mm	40 x 4 mm	165 mm	146 mm	M16	20 Nm	7500 N	10 pcs	374909
MP-MXI-F 244.5 M16	244-253 mm		M16	355 mm	317 mm	40 x 4 mm	177,5 mm	158 mm	M16	20 Nm	7500 N	10 pcs	374910
MP-MXI-F 267/274 M16	267-274 mm		M16	375 mm	334 mm	40 x 4 mm	187,5 mm	168 mm	M16	20 Nm	7500 N	10 pcs	374911
MP-MXI-F 275 M16	275-282 mm		M16	384 mm	346 mm	40 x 4 mm	192 mm	173 mm	M16	20 Nm	7500 N	10 pcs	374912
MP-MXI-F 324 M16	315-324 mm		M16	441 mm	391 mm	50 x 5 mm	220,5 mm	190 mm	M16	20 Nm	11000 N	1 pc	374913
MP-MXI-F 326 M16	325-330 mm		M16	445 mm	394 mm	50 x 5 mm	222,5 mm	192 mm	M16	20 Nm	11000 N	1 pc	374914
MP-MXI-F 355 M16	348-356 mm		M16	471 mm	421 mm	50 x 5 mm	235,5 mm	205 mm	M16	20 Nm	11000 N	1 pc	374915
MP-MXI-F 368 M16	364-372 mm		M16	488 mm	397 mm	50 x 5 mm	244 mm	213 mm	M16	20 Nm	11000 N	1 pc	374916
MP-MXI-F 406 M16	400-409 mm		M16	525 mm	474 mm	50 x 5 mm	262,5 mm	232 mm	M16	20 Nm	11000 N	1 pc	374917
MP-MXI-F 457 M16	454-462 mm		M16	586 mm	530 mm	70 x 6 mm	293 mm	259 mm	M16	20 Nm	17000 N	1 pc	374918
MP-MXI-F 508 M16	500-508 mm		M16	632 mm	577 mm	70 x 6 mm	316 mm	282 mm	M16	20 Nm	17000 N	1 pc	374919

table continued on next page

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Clamping range - D	Crosssection width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
60–93 mm	30 x 3 mm	M10/M12	M10	5 Nm	2400 N	1700 N	1100 N	850 N	700 N
108–166 mm	40 x 4 mm	M16	M12	10 Nm	3100 N	1700 N	1100 N	850 N	700 N
163–282 mm	40 x 4 mm	M16	M16	20 Nm	7500 N	3000 N	2000 N	1600 N	1350 N
315–409 mm	50 x 5 mm	M16	M16	20 Nm	11000 N	3000 N	2000 N	1600 N	1350 N
454–508 mm	70 x 6 mm	M16	M16	20 Nm	17000 N	3000 N	2000 N	1600 N	1350 N
The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter									

Heavy-duty Pipe Clamp MP-MX-F M10/M12 and M16 (Hot-dip galvanized)



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Applications

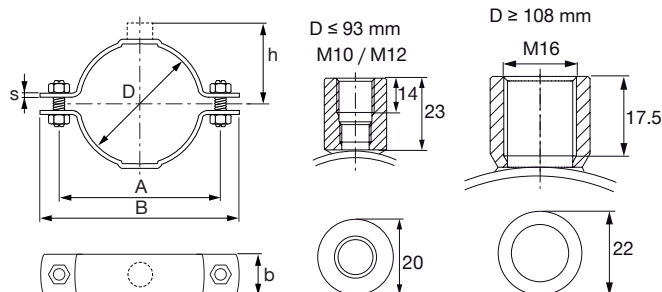
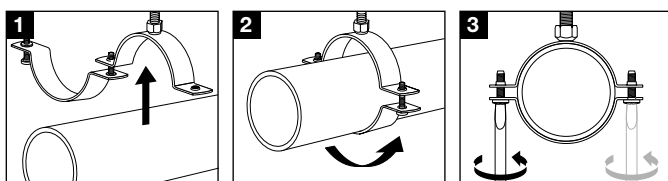
- Heavy-duty pipe installations up to 508 mm
- Installing industrial pipes
- Mounting process and control lines

Advantages

- Solid connection head, welded all around
- Strong clamping screws for high load values
- Suitable for installing pipes under dynamic loading if used with vibration-damping components

Technical data

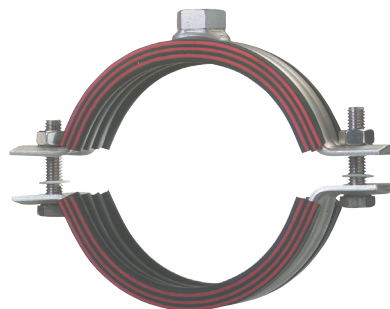
Material composition	DD11 - DIN EN 10111
Surface finish	Hot-dip galvanized, 45 µm - DIN EN ISO 1461
Environmental conditions	Outdoor, low to moderate pollution (C3 / C4 - low)
Test reports/Approvals	Fire protection test IBMB 2101-255-18



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Cross section width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MX-F 2" M10/M12	60-65 mm	2"	M10/M12	132 mm	30 x 3 mm	66 mm	60 mm	M10	5 Nm	4000 N	25 pcs	374943
MP-MX-F 2 1/2" M10/M12	73-78 mm	2 1/2"	M10/M12	146 mm	30 x 3 mm	73 mm	67 mm	M10	5 Nm	4000 N	25 pcs	374944
MP-MX-F 3" M10/M12	88-93 mm	3"	M10/M12	161 mm	30 x 3 mm	80,5 mm	74 mm	M10	5 Nm	4000 N	25 pcs	374945
MP-MX-F 4" M16	108-116 mm	4"	M16	198 mm	40 x 4 mm	99 mm	84 mm	M12	10 Nm	10000 N	25 pcs	374946
MP-MX-F 125 M16	122-128 mm		M16	210 mm	40 x 4 mm	105 mm	89 mm	M12	10 Nm	10000 N	25 pcs	374947
MP-MX-F 133 M16	132-138 mm		M16	221 mm	40 x 4 mm	110,5 mm	94 mm	M12	10 Nm	10000 N	10 pcs	374948
MP-MX-F 5" M16	139-144 mm	5"	M16	226 mm	40 x 4 mm	113 mm	98 mm	M12	10 Nm	10000 N	10 pcs	374949
MP-MX-F 159 M16	159-166 mm		M16	249 mm	40 x 4 mm	124,5 mm	109 mm	M12	10 Nm	10000 N	10 pcs	374950
MP-MX-F 6" M16	163-170 mm	6"	M16	253 mm	40 x 4 mm	126,5 mm	111 mm	M12	10 Nm	10000 N	10 pcs	374951
MP-MX-F 177.8 M16	177-182 mm		M16	272 mm	40 x 4 mm	136 mm	117 mm	M16	20 Nm	11000 N	10 pcs	374952
MP-MX-F 193.7 M16	192-200 mm		M16	290 mm	40 x 4 mm	145 mm	126 mm	M16	20 Nm	11000 N	10 pcs	374953
MP-MX-F 210 M16	210-218 mm		M16	309 mm	40 x 4 mm	154,5 mm	135 mm	M16	20 Nm	11000 N	10 pcs	374954
MP-MX-F 219 M16	219-228 mm		M16	318 mm	40 x 4 mm	159 mm	140 mm	M16	20 Nm	11000 N	10 pcs	374955
MP-MX-F 244.5 M16	244-253 mm		M16	343 mm	40 x 4 mm	171,5 mm	152 mm	M16	20 Nm	11000 N	10 pcs	374956
MP-MX-F 267/274 M16	267-274 mm		M16	363 mm	40 x 4 mm	181,5 mm	162 mm	M16	20 Nm	11000 N	10 pcs	374957
MP-MX-F 275 M16	275-282 mm		M16	372 mm	40 x 4 mm	186 mm	167 mm	M16	20 Nm	11000 N	10 pcs	374958
MP-MX-F 324 M16	315-324 mm		M16	429 mm	50 x 5 mm	214,5 mm	184 mm	M16	20 Nm	13000 N	1 pc	374959
MP-MX-F 326 M16	325-330 mm		M16	433 mm	50 x 5 mm	216,5 mm	186 mm	M16	20 Nm	13000 N	1 pc	374960
MP-MX-F 355 M16	348-356 mm		M16	460 mm	50 x 5 mm	230 mm	199 mm	M16	20 Nm	13000 N	1 pc	374961
MP-MX-F 368 M16	364-372 mm		M16	476 mm	50 x 5 mm	238 mm	207 mm	M16	20 Nm	13000 N	1 pc	374962
MP-MX-F 406 M16	400-409 mm		M16	514 mm	50 x 5 mm	257 mm	226 mm	M16	20 Nm	13000 N	1 pc	374963
MP-MX-F 457 M16	454-462 mm		M16	574 mm	70 x 6 mm	287 mm	253 mm	M16	20 Nm	19000 N	1 pc	374964
MP-MX-F 508 M16	500-508 mm		M16	620 mm	70 x 6 mm	310 mm	276 mm	M16	20 Nm	19000 N	1 pc	374965

Clamping range - D	Crosssection width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
73-78 mm	30 x 3 mm	M10/M12	M10	5 Nm	4000 N	1700 N	1100 N	850 N	700 N
108-170 mm	40 x 4 mm	M16	M12	10 Nm	10000 N	1700 N	1100 N	850 N	700 N
177-282 mm	40 x 4 mm	M16	M16	20 Nm	11000 N	3000 N	2000 N	1600 N	1350 N
315-409 mm	50 x 5 mm	M16	M16	20 Nm	13000 N	3000 N	2000 N	1600 N	1350 N
454-508 mm	70 x 6 mm	M16	M16	20 Nm	19000 N	3000 N	2000 N	1600 N	1350 N

Heavy-duty Pipe Clamp MP-MRI (A4 stainless steel)

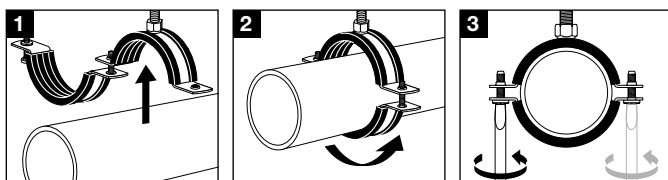

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Applications

- Installing industrial pipes
- Mounting pipes in food industry (except production) and in water treatment
- heavy-duty plumbing and heating applications

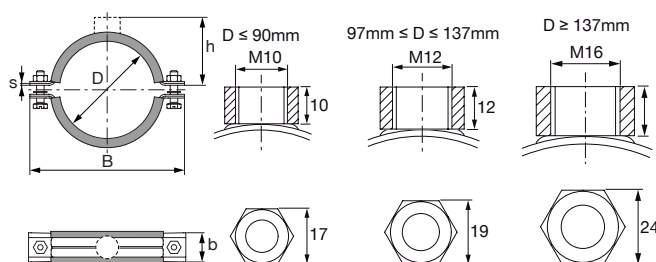
Advantages

- Increased rigidity due to profiled clamping band
- Solid connection head, welded all around
- Pipe ring with verified fire resistance as per DIN 4102, part 2



Technical data

Material composition	Stainless Steel, 1.4571/1.4404 (A4) – EN 10088, AISI 316Ti/AISI 316L
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	18 dB (A)
Temperature resistance	-50°C – 120°C
Environmental conditions	Outdoor high pollution (C4 – high / C5)
Test reports/Approvals	Sound tested, Fire protection test IBMB 2101-348-18, Building material class B2 / E

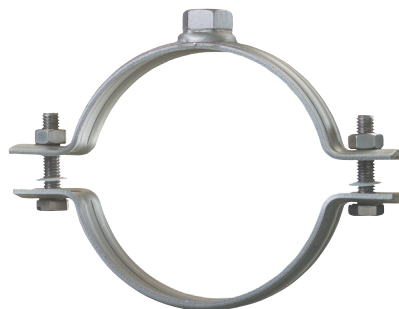


Order Designation	Clamping range - D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MRI 68/72 M10	68–72 mm		M10	129 mm	24.5 x 2 mm	64,5 mm	50 mm	M8	3 Nm	3000 N	10 pcs	372044
MP-MRI 2 1/2" M10	70–77 mm	2 1/2"	M10	136 mm	24.5 x 2 mm	68 mm	48 mm	M8	3 Nm	3000 N	10 pcs	372045
MP-MRI 78/84 M10	78–84 mm		M10	145 mm	24.5 x 2 mm	72,5 mm	54 mm	M8	3 Nm	3000 N	10 pcs	372046
MP-MRI 3" M10	82–90 mm	3"	M10	150 mm	24.5 x 2 mm	75 mm	53 mm	M8	3 Nm	3000 N	10 pcs	372047
MP-MRI 101,6 M12	97–103 mm		M12	173 mm	30.5 x 2.5 mm	86,5 mm	65 mm	M8	3 Nm	4000 N	5 pcs	372048
MP-MRI 4" M12	108–114 mm	4"	M12	184 mm	30.5 x 2.5 mm	92 mm	70 mm	M8	3 Nm	4000 N	5 pcs	372049
MP-MRI 117 M12	114–119 mm		M12	189 mm	30.5 x 2.5 mm	94,5 mm	74 mm	M8	3 Nm	4000 N	5 pcs	372050
MP-MRI 125 M12	122–127 mm		M12	197 mm	30.5 x 2.5 mm	98,5 mm	78 mm	M8	3 Nm	4000 N	5 pcs	372051
MP-MRI 133 M12	132–137 mm		M12	207 mm	30.5 x 2.5 mm	103,5 mm	83 mm	M8	3 Nm	4000 N	10 pcs	372052
MP-MRI 5" M16	137–142 mm	5"	M16	212 mm	30.5 x 2.5 mm	106 mm	89 mm	M8	3 Nm	4000 N	10 pcs	372053
MP-MRI 159 M16	156–162 mm		M16	232 mm	30.5 x 2.5 mm	116 mm	97 mm	M8	3 Nm	4000 N	10 pcs	372054
MP-MRI 6" M16	162–168 mm	6"	M16	239 mm	30.5 x 2.5 mm	119,5 mm	101 mm	M8	3 Nm	4000 N	10 pcs	372055
MP-MRI 177,8 M16	175–180 mm		M16	253 mm	30.5 x 3 mm	126,5 mm	110 mm	M8	3 Nm	5000 N	10 pcs	372056
MP-MRI 193,7 M16	190–200 mm		M16	271 mm	30.5 x 3 mm	135,5 mm	115 mm	M8	3 Nm	5000 N	10 pcs	372057
MP-MRI 212 M16	210–219 mm		M16	291 mm	30.5 x 3 mm	145,5 mm	126 mm	M8	3 Nm	5000 N	10 pcs	372058
MP-MRI 219,1 M16	217–224 mm		M16	296 mm	30.5 x 3 mm	148 mm	130 mm	M8	3 Nm	5000 N	10 pcs	372059

Clamping range - D	Crosssection width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximallast - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
68–90 mm	24.5 x 2 mm	M10	M8	3 Nm	3000 N	3600 N	1900 N	1300 N	1000 N
97–137 mm	30.5 x 2.5 mm	M12	M8	3 Nm	4000 N	3600 N	1900 N	1300 N	1000 N
137–168 mm	30.5 x 2.5 mm	M16	M8	3 Nm	4000 N	3600 N	1900 N	1300 N	1000 N
175–224 mm	30.5 x 3 mm	M16	M8	3 Nm	5000 N	3600 N	1900 N	1300 N	1000 N

Pipe clamps tested for fire resistance by IBMB

Heavy-duty Pipe Clamp MP-MR (A4 stainless steel)

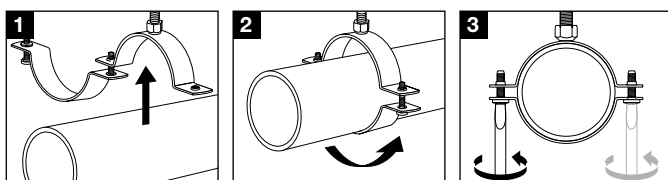


Applications

- heavy-duty pipe installations up to 224 mm
- Installing industrial pipes
- Mounting pipes in food industry and in water treatment
- heavy-duty plumbing and heating applications

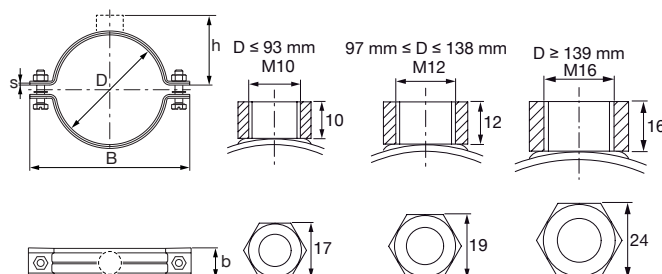
Advantages

- Increased rigidity due to profiled clamping band
- Solid connection head, welded all around
- Pipe ring with verified fire resistance as per DIN 4102, part 2



Technical data

Material composition	Stainless Steel, 1.4571/1.4404 (A4) – EN 10088, AISI 316Ti/AISI 316L
Surface finish	Stainless Steel
Environmental conditions	Outdoor high pollution (C4 – high / C5)
Test reports/Approvals	Fire protection test IBMB 3366-7056



Order Designation	Clamping range - D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MR 66/70 M10	66–70 mm		M10	118 mm	24.5 x 2 mm	59 mm	44 mm	M8	3 Nm	3000 N	10 pcs	374197
MP-MR 2 ½" M10	75–80 mm	2 ½"	M10	129 mm	24.5 x 2 mm	64,5 mm	50 mm	M8	3 Nm	3000 N	10 pcs	374198
MP-MR 3" M10	87–93 mm	3"	M10	145 mm	24.5 x 2 mm	72,5 mm	54 mm	M8	3 Nm	3000 N	10 pcs	374200
MP-MR 101.6 M12	97–104 mm		M12	160 mm	30.5 x 2.5 mm	80 mm	60 mm	M8	3 Nm	4000 N	5 pcs	374201
MP-MR 4" M12	109–114 mm	4"	M12	173 mm	30.5 x 2.5 mm	86,5 mm	65 mm	M8	3 Nm	4000 N	5 pcs	374202
MP-MR 117 M12	116–123 mm		M12	180 mm	30.5 x 2.5 mm	90 mm	70 mm	M8	3 Nm	4000 N	5 pcs	374203
MP-MR 125 M12	125–131 mm		M12	189 mm	30.5 x 2.5 mm	94,5 mm	74 mm	M8	3 Nm	4000 N	5 pcs	374204
MP-MR 133 M12	133–138 mm		M12	197 mm	30.5 x 2.5 mm	98,5 mm	78 mm	M8	3 Nm	4000 N	10 pcs	374205
MP-MR 5" M16	139–145 mm	5"	M16	203 mm	30.5 x 2.5 mm	101,5 mm	82 mm	M8	3 Nm	4000 N	10 pcs	374206
MP-MR 159 M16	156–162 mm		M16	226 mm	30.5 x 2.5 mm	113 mm	94 mm	M8	3 Nm	4000 N	10 pcs	374207
MP-MR 6" M16	162–168 mm	6"	M16	232 mm	30.5 x 2.5 mm	116 mm	97 mm	M8	3 Nm	4000 N	10 pcs	374208
MP-MR 177.8 M16	175–180 mm		M16	243 mm	30.5 x 3 mm	121,5 mm	107 mm	M8	3 Nm	5000 N	10 pcs	374209
MP-MR 193.7 M16	190–200 mm		M16	262 mm	30.5 x 3 mm	131 mm	112 mm	M8	3 Nm	5000 N	10 pcs	374210
MP-MR 212 M16	210–219 mm		M16	282 mm	30.5 x 3 mm	141 mm	123 mm	M8	3 Nm	5000 N	10 pcs	374211
MP-MR 219.1 M16	217–224 mm		M16	287 mm	30.5 x 3 mm	143,5 mm	127 mm	M8	3 Nm	5000 N	10 pcs	374212

Clamping range - D	Crosssection width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
66–93 mm	24.5 x 2 mm	M10	M8	3 Nm	3000 N	3600 N	1900 N	1300 N	1000 N
97–138 mm	30.5 x 2.5 mm	M12	M8	3 Nm	4000 N	3600 N	1900 N	1300 N	1000 N
139–168 mm	30.5 x 2.5 mm	M16	M8	3 Nm	4000 N	3600 N	1900 N	1300 N	1000 N
175–224 mm	30.5 x 3 mm	M16	M8	3 Nm	5000 N	3600 N	1900 N	1300 N	1000 N

The maximum recommended load is determined using statistical methods in accordance with Eurocode (EN 1990), based on the breaking load and a maximum deformation of 1.5 mm or 2 % of the maximum clampable pipe diameter.

Heavy-duty Pipe Clamp MP-MRXI (A4 stainless steel)

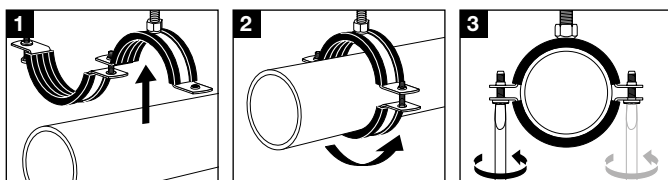

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Applications

- heavy-duty pipe installations up to 508 mm
- Installing industrial pipes
- Mounting pipes in food industry (except production) and in water treatment

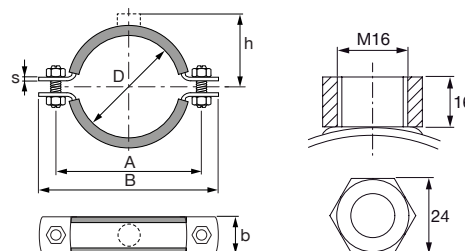
Advantages

- Solid connection head, welded all around
- Strong clamping screws for high load values
- Non-slip, pre-fitted profiled rubber inlay



Technical data

Material composition	Stainless Steel, 1.4571/1.4404 (A4) – EN 10088, AISI 316Ti/AISI 316L
Insulation material	EPDM Rubber
Hardness insulation material	50° ± 5° Shore A
Noise reduction	16 dB (A)
Temperature resistance	-50°C – 120°C
Environmental conditions	Outdoor high pollution (C4 – high / C5)
Test reports/Approvals	Sound tested, Fire protection test IBMB 3366-7056, Building material class B2 / E



Order Designation	Clamping range - D	Nominal pipe size	Thread - M	Width - B	Distance between drilled holes - A	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-MRXI 244.5 M16	244-253 mm		M16	355 mm	317 mm	50 x 4 mm	177,5 mm	148 mm	M16	20 Nm	10000 N	10 pcs	374213
MP-MRXI 273 M16	267-274 mm		M16	372 mm	334 mm	50 x 4 mm	186 mm	156 mm	M16	20 Nm	10000 N	10 pcs	374214
MP-MRXI 280 M16	275-282 mm		M16	384 mm	346 mm	50 x 4 mm	192 mm	162 mm	M16	20 Nm	10000 N	10 pcs	374215
MP-MRXI 324 M16	314-324 mm		M16	441 mm	391 mm	50 x 4 mm	220,5 mm	183 mm	M16	20 Nm	10000 N	1 pc	374216
MP-MRXI 326 M16	324-330 mm		M16	445 mm	395 mm	50 x 4 mm	222,5 mm	185 mm	M16	20 Nm	10000 N	1 pc	374217
MP-MRXI 355 M16	348-356 mm		M16	471 mm	421 mm	50 x 4 mm	235,5 mm	198 mm	M16	20 Nm	10000 N	1 pc	374218
MP-MRXI 406 M16	400-409 mm		M16	524 mm	474 mm	50 x 4 mm	262 mm	224 mm	M16	20 Nm	11000 N	1 pc	374219
MP-MRXI 457 M16	454-462 mm		M16	585 mm	532 mm	70 x 6 mm	292,5 mm	252 mm	M16	20 Nm	17000 N	1 pc	374220
MP-MRXI 508 M16	500-508 mm		M16	631 mm	578 mm	70 x 6 mm	315,5 mm	275 mm	M16	20 Nm	17000 N	1 pc	374221

Clamping range - D	Crosssection width x thickness (b x s)	Thread - M	Clamp screw	Torque	Maximum load - F	maximum load in case of fire - F			
						30 min	60 min	90 min	120 min
244-356 mm	50 x 4 mm	M16	M16	20 Nm	10000 N	3600 N	1900 N	1300 N	1000 N
400-409 mm	50 x 4 mm	M16	M16	20 Nm	11000 N	3600 N	1900 N	1300 N	1000 N
454-508 mm	70 x 6 mm	M16	M16	20 Nm	17000 N	3600 N	1900 N	1300 N	1000 N

Pipe clamps tested for fire resistance by IBMB

Refrigeration Pipe Clamp MRP-C 13



Applications

- Fastening cold water and refrigeration pipes up to 168 mm diameter
- Refrigeration and air conditioning pipe mounting with pipes of various materials
- Recommended for use in dry, indoor environments

Advantages

- Wide range of insulation thicknesses – compatible with insulation thicknesses of 13, 19, 25 or 32 mm with joint-to pipe insulation material (elastomeric caoutchouc)
- 360° mounting – load capacity achieved regardless of how core is rotated inside the pipe clamp
- Easy-release adhesive foil – allows for quick and simple installations, even while wearing gloves
- Moisture protection – thermal insulation helps to prevent condensation on the surface and the integrated vapor barrier foil helps to prevent condensation on the pipe
- Compensation feature helps to prevent buckling and lifting of the outer foil when closing the pipe clamp
- All components supplied in one package for quick and easy handling on site



[Link to Instruction For Use](#)

Technical data

Material composition

Closed-cell CFC-free polyisocyanurate foam (PIR), flexible elastomer foam, outside PVC-foil with vapor barrier layer

Surface finish

indoor coated - electro galvanized

Noise reduction

> 22.7 dB(A)

Temperature resistance

-40°C – 105°C

Thermal conductivity (λ approx. value)

0.034 W/mK

Diffusion resistance

μ ≥ 7000

Approximate density

120 kg/m³

Pressure resistance

1.2 N/mm²

Locking type

Locking mechanism with 2 screws

Environmental conditions

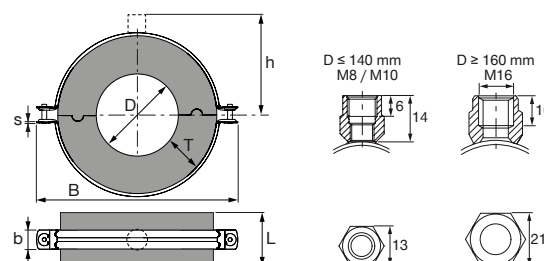
Dry indoor conditions (C1) Indoor with temporary condensation (C2)

Sound tested, Building material class according to EN-13501-1:

Test reports/Approvals

- Class E
- up to BL-s1, d0 in combination with the pipe insulation*

*Please check the relevant classification reports



Order Designation	Diameter - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-C 13/10	10.2 mm		M8/M10	72 mm	45 x 13 mm	36 mm	38 mm	M5	1 Nm	40 N	50 pcs	2408031
MRP-C 13/12	12 mm		M8/M10	78 mm	45 x 13 mm	39 mm	42 mm	M5	1 Nm	40 N	50 pcs	2408032
MRP-C 13/14	13.5 mm		M8/M10	78 mm	45 x 13 mm	39 mm	42 mm	M5	1 Nm	40 N	50 pcs	2408033
MRP-C 13/15	15 mm		M8/M10	78 mm	45 x 13 mm	39 mm	42 mm	M5	1 Nm	50 N	50 pcs	2408034
MRP-C 13/16	15.8 mm		M8/M10	78 mm	45 x 13 mm	39 mm	42 mm	M5	1 Nm	50 N	50 pcs	2408035
MRP-C 13/17	17.2 mm	¾"	M8/M10	78 mm	45 x 13 mm	39 mm	42 mm	M5	1 Nm	50 N	50 pcs	2408036
MRP-C 13/18	18.2 mm		M8/M10	89 mm	45 x 13 mm	44,5 mm	46 mm	M5	1 Nm	50 N	50 pcs	2408037
MRP-C 13/20	20 mm		M8/M10	89 mm	45 x 13 mm	44,5 mm	46 mm	M5	1 Nm	75 N	50 pcs	2408038
MRP-C 13/21	21.3 mm	½"	M8/M10	89 mm	45 x 13 mm	44,5 mm	46 mm	M5	1 Nm	75 N	50 pcs	2408039
MRP-C 13/22	22 mm		M8/M10	89 mm	45 x 13 mm	44,5 mm	46 mm	M5	1 Nm	75 N	50 pcs	2408130
MRP-C 13/25	25 mm		M8/M10	89 mm	45 x 13 mm	44,5 mm	46 mm	M5	1 Nm	75 N	50 pcs	2408131
MRP-C 13/26	26.9 mm	¾"	M8/M10	96 mm	45 x 13 mm	48 mm	50 mm	M5	1 Nm	75 N	50 pcs	2408132

table continued on next page

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Order Designation	Diameter - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-C 13/28	28 mm		M8/M10	96 mm	45 x 13 mm	48 mm	50 mm	M5	1 Nm	75 N	50 pcs	2408133
MRP-C 13/32	32 mm		M8/M10	96 mm	45 x 13 mm	48 mm	50 mm	M5	1 Nm	135 N	50 pcs	2408134
MRP-C 13/33	33.7 mm	1"	M8/M10	104 mm	45 x 13 mm	52 mm	53 mm	M5	1 Nm	135 N	20 pcs	2408135
MRP-C 13/35	35 mm		M8/M10	104 mm	50 x 13 mm	52 mm	53 mm	M5	1 Nm	135 N	20 pcs	2408136
MRP-C 13/40	40 mm		M8/M10	113 mm	50 x 13 mm	56,5 mm	57 mm	M5	1 Nm	180 N	20 pcs	2408137
MRP-C 13/42	42.4 mm	1 ¼"	M8/M10	113 mm	50 x 13 mm	56,5 mm	57 mm	M5	1 Nm	180 N	20 pcs	2408138
MRP-C 13/48	48.3 mm	1 ½"	M8/M10	130 mm	50 x 13 mm	65 mm	62 mm	M6	2 Nm	220 N	20 pcs	2408139
MRP-C 13/50	50 mm		M8/M10	130 mm	50 x 13 mm	65 mm	62 mm	M6	2 Nm	220 N	20 pcs	2408140
MRP-C 13/54	54 mm		M8/M10	130 mm	50 x 13 mm	65 mm	62 mm	M6	2 Nm	220 N	20 pcs	2408141
MRP-C 13/57	57 mm		M8/M10	140 mm	50 x 13 mm	70 mm	67 mm	M6	2 Nm	250 N	20 pcs	2408142
MRP-C 13/60	60.3 mm	2"	M8/M10	140 mm	50 x 13 mm	70 mm	67 mm	M6	2 Nm	350 N	20 pcs	2408143
MRP-C 13/63	63.5 mm		M8/M10	140 mm	50 x 13 mm	70 mm	67 mm	M6	2 Nm	350 N	20 pcs	2408144
MRP-C 13/64	64 mm		M8/M10	140 mm	50 x 13 mm	70 mm	67 mm	M6	2 Nm	350 N	20 pcs	2408145
MRP-C 13/66	66.7 mm		M8/M10	149 mm	50 x 13 mm	74,5 mm	72 mm	M6	2 Nm	350 N	20 pcs	2408146
MRP-C 13/75	75 mm		M8/M10	160 mm	55 x 13 mm	80 mm	76 mm	M6	2 Nm	500 N	20 pcs	2408147
MRP-C 13/76	76.1 mm	2 ½"	M8/M10	160 mm	55 x 13 mm	80 mm	76 mm	M6	2 Nm	500 N	20 pcs	2408148
MRP-C 13/88	88.9 mm	3"	M8/M10	169 mm	55 x 13 mm	84,5 mm	81 mm	M6	2 Nm	650 N	10 pcs	2408149
MRP-C 13/90	90 mm		M8/M10	169 mm	55 x 13 mm	84,5 mm	81 mm	M6	2 Nm	650 N	10 pcs	2408150
MRP-C 13/108	108 mm		M8/M10	190 mm	55 x 13 mm	95 mm	92 mm	M6	2 Nm	700 N	10 pcs	2408151
MRP-C 13/110	110 mm		M8/M10	200 mm	60 x 13 mm	100 mm	97 mm	M6	2 Nm	700 N	10 pcs	2408152
MRP-C 13/114	114.3 mm	4"	M8/M10	200 mm	60 x 13 mm	100 mm	97 mm	M6	2 Nm	1050 N	10 pcs	2408153
MRP-C 13/125	125 mm		M8/M10	210 mm	60 x 13 mm	105 mm	102 mm	M6	2 Nm	1100 N	10 pcs	2408154
MRP-C 13/133	133 mm		M8/M10	223 mm	60 x 13 mm	111,5 mm	107 mm	M6	2 Nm	1150 N	10 pcs	2408155
MRP-C 13/140	140 mm	5"	M8/M10	232 mm	60 x 13 mm	116 mm	111 mm	M6	2 Nm	1150 N	10 pcs	2408156
MRP-C 13/160	159-160 mm		M 16	244 mm	60 x 13 mm	122 mm	117 mm	M8	3 Nm	1350 N	10 pcs	2408157
MRP-C 13/168	168.3 mm	6"	M 16	254 mm	60 x 13 mm	127 mm	122 mm	M8	3 Nm	1350 N	6 pcs	2408158

Refrigeration Pipe Clamp MRP-C 19



Applications

- Fastening cold water and refrigeration pipes up to 219 mm diameter
- Refrigeration and air conditioning pipe mounting with pipes of various materials
- Recommended for use in dry, indoor environments

Advantages

- Wide range of insulation thicknesses – compatible with insulation thicknesses of 13, 19, 25 or 32 mm with joint-to pipe insulation material (elastomeric caoutchouc)
- 360° mounting – load capacity achieved regardless of how core is rotated inside the pipe clamp
- Easy-release adhesive foil – allows for quick and simple installations, even while wearclamp gloves
- Moisture protection – thermal insulation helps to prevent condensation on the surface and the integrated vapor barrier foil helps to prevent condensation on the pipe
- Compensation feature helps to prevent buckling and lifting of the outer foil when closing the pipe clamp
- All components supplied in one package for quick and easy handling on site

Technical data

Material composition

Closed-cell CFC-free polyisocyanurate foam (PIR), flexible elastomer foam, outside PVC-foil with vapor barrier layer

Surface finish

indoor coated - electro galvanized

Noise reduction

> 22.7 dB(A)

Temperature resistance

-40°C – 105°C

Thermal conductivity (λ approx. value)

0.034 W/mK

Diffusion resistance

μ ≥ 7000

Approximate density

120 kg/m³

Pressure resistance

1.2 N/mm²

Locking type

Locking mechanism with 2 screws

Environmental conditions

Dry indoor conditions (C1) Indoor with temporary condensation (C2)

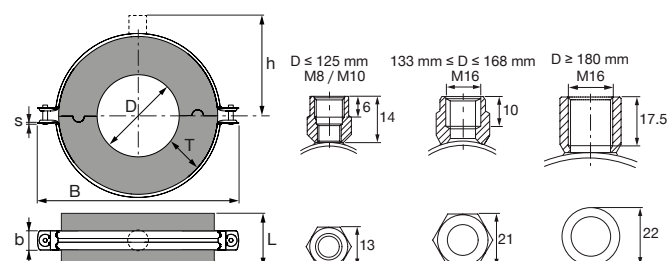
Test reports/Approvals

Sound tested, Building material class according to EN-13501-1:
• Class E
• up to BL-s1, d0 in combination with the pipe insulation*

*Please check the relevant classification reports



[Link to Instruction For Use](#)



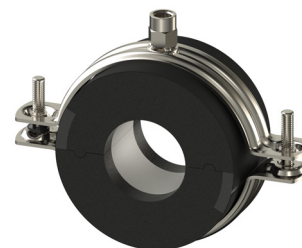
Order Designation	Diameter - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-C 19/10	10.2 mm		M8/M10	89 mm	45 x 19 mm	44,5 mm	46 mm	M5	1 Nm	40 N	50 pcs	2408159
MRP-C 19/12	12 mm		M8/M10	89 mm	45 x 19 mm	44,5 mm	46 mm	M5	1 Nm	40 N	50 pcs	2408160
MRP-C 19/14	13.5 mm		M8/M10	96 mm	45 x 19 mm	48 mm	50 mm	M5	1 Nm	40 N	50 pcs	2408161
MRP-C 19/15	15 mm		M8/M10	96 mm	45 x 19 mm	48 mm	50 mm	M5	1 Nm	50 N	50 pcs	2408162
MRP-C 19/16	15.8 mm		M8/M10	96 mm	45 x 19 mm	48 mm	50 mm	M5	1 Nm	50 N	50 pcs	2408163
MRP-C 19/17	17.2 mm	3/8"	M8/M10	96 mm	45 x 19 mm	48 mm	50 mm	M5	1 Nm	50 N	50 pcs	2408164
MRP-C 19/18	18.2 mm		M8/M10	96 mm	45 x 19 mm	48 mm	50 mm	M5	1 Nm	50 N	50 pcs	2408165
MRP-C 19/20	20 mm		M8/M10	104 mm	45 x 19 mm	52 mm	53 mm	M5	1 Nm	75 N	20 pcs	2408166
MRP-C 19/21	21.3 mm	1/2"	M8/M10	104 mm	45 x 19 mm	52 mm	53 mm	M5	1 Nm	75 N	20 pcs	2408167
MRP-C 19/22	22 mm		M8/M10	104 mm	45 x 19 mm	52 mm	53 mm	M5	1 Nm	75 N	20 pcs	2408168
MRP-C 19/25	25 mm		M8/M10	104 mm	45 x 19 mm	52 mm	53 mm	M5	1 Nm	75 N	20 pcs	2408169
MRP-C 19/26	26.9 mm	3/4"	M8/M10	104 mm	45 x 19 mm	52 mm	53 mm	M5	1 Nm	75 N	20 pcs	2408170

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Order Designation	Diameter - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-C 19/28	28 mm		M8/M10	104 mm	45 x 19 mm	52 mm	53 mm	M5	1 Nm	75 N	20 pcs	2408171
MRP-C 19/32	32 mm		M8/M10	113 mm	45 x 19 mm	56,5 mm	57 mm	M5	1 Nm	135 N	20 pcs	2408172
MRP-C 19/33	33.7 mm	1"	M8/M10	113 mm	45 x 19 mm	56,5 mm	57 mm	M5	1 Nm	135 N	20 pcs	2408173
MRP-C 19/35	35 mm		M8/M10	130 mm	50 x 21 mm	65 mm	62 mm	M6	2 Nm	135 N	20 pcs	2408174
MRP-C 19/40	40 mm		M8/M10	130 mm	50 x 19 mm	65 mm	62 mm	M6	2 Nm	180 N	20 pcs	2408175
MRP-C 19/42	42.4 mm	1 ¼"	M8/M10	130 mm	50 x 19 mm	65 mm	62 mm	M6	2 Nm	180 N	20 pcs	2408176
MRP-C 19/48	48.3 mm	1 ½"	M8/M10	140 mm	50 x 19 mm	70 mm	67 mm	M6	2 Nm	220 N	20 pcs	2408177
MRP-C 19/50	50 mm		M8/M10	140 mm	50 x 19 mm	70 mm	67 mm	M6	2 Nm	220 N	20 pcs	2408178
MRP-C 19/54	54 mm		M8/M10	149 mm	50 x 19.5 mm	74,5 mm	72 mm	M6	2 Nm	220 N	20 pcs	2408179
MRP-C 19/57	57 mm		M8/M10	149 mm	50 x 19 mm	74,5 mm	72 mm	M6	2 Nm	250 N	20 pcs	2408180
MRP-C 19/60	60.3 mm	2"	M8/M10	149 mm	50 x 19 mm	74,5 mm	72 mm	M6	2 Nm	350 N	20 pcs	2408181
MRP-C 19/63	63.5 mm		M8/M10	160 mm	50 x 19 mm	80 mm	76 mm	M6	2 Nm	350 N	20 pcs	2408182
MRP-C 19/64	64 mm		M8/M10	160 mm	50 x 19 mm	80 mm	76 mm	M6	2 Nm	350 N	20 pcs	2408183
MRP-C 19/66	66.7 mm		M8/M10	160 mm	50 x 19 mm	80 mm	76 mm	M6	2 Nm	350 N	20 pcs	2408184
MRP-C 19/75	75 mm		M8/M10	169 mm	55 x 19 mm	84,5 mm	81 mm	M6	2 Nm	500 N	10 pcs	2408185
MRP-C 19/76	76.1 mm	2 ½"	M8/M10	169 mm	55 x 19 mm	84,5 mm	81 mm	M6	2 Nm	500 N	10 pcs	2408186
MRP-C 19/88	88.9 mm	3"	M8/M10	190 mm	55 x 19.6 mm	95 mm	92 mm	M6	2 Nm	650 N	10 pcs	2408187
MRP-C 19/90	90 mm		M8/M10	190 mm	55 x 19 mm	95 mm	92 mm	M6	2 Nm	650 N	10 pcs	2408188
MRP-C 19/108	108 mm		M8/M10	210 mm	55 x 20 mm	105 mm	102 mm	M6	2 Nm	700 N	10 pcs	2408189
MRP-C 19/110	110 mm		M8/M10	210 mm	60 x 19 mm	105 mm	102 mm	M6	2 Nm	700 N	10 pcs	2408190
MRP-C 19/114	114.3 mm	4"	M8/M10	210 mm	60 x 19 mm	105 mm	102 mm	M6	2 Nm	1050 N	10 pcs	2408191
MRP-C 19/125	125 mm		M8/M10	232 mm	60 x 20 mm	116 mm	111 mm	M6	2 Nm	1100 N	10 pcs	2408192
MRP-C 19/133	133 mm		M16	111 mm	60 x 19 mm	55,5 mm	111 mm	M8	3 Nm	1150 N	10 pcs	2408193
MRP-C 19/140	140 mm	5"	M16	235 mm	60 x 19 mm	117,5 mm	112 mm	M8	3 Nm	1150 N	6 pcs	2408194
MRP-C 19/160	159-160 mm		M16	254 mm	60 x 19 mm	127 mm	122 mm	M8	3 Nm	1350 N	6 pcs	2408195
MRP-C 19/168	168.3 mm	6"	M16	263 mm	60 x 21 mm	131,5 mm	127 mm	M8	3 Nm	1350 N	6 pcs	2408196
MRP-C 19/180	180 mm		M16	318 mm	60 x 19 mm	159 mm	140 mm	M16	10 Nm	2500 N	4 pcs	2408197
MRP-C 19/200	200 mm		M16	330 mm	80 x 19 mm	165 mm	146 mm	M16	10 Nm	2500 N	4 pcs	2408198
MRP-C 19/219	219.1 mm	8"	M16	355 mm	80 x 22 mm	177,5 mm	158 mm	M16	10 Nm	2850 N	4 pcs	2408199

Refrigeration Pipe Clamp MRP-C 25



Applications

- Fastening cold water and refrigeration pipes up to 219 mm diameter
- Refrigeration and air conditioning pipe mounting with pipes of various materials
- Recommended for use in dry, indoor environments

Advantages

- Wide range of insulation thicknesses – compatible with insulation thicknesses of 13, 19, 25 or 32 mm with joint-to pipe insulation material (elastomeric caoutchouc)
- 360° mounting – load capacity achieved regardless of how core is rotated inside the pipe clamp
- Easy-release adhesive foil – allows for quick and simple installations, even while wearclamp gloves
- Moisture protection – thermal insulation helps to prevent condensation on the surface and the integrated vapor barrier foil helps to prevent condensation on the pipe
- Compensation feature helps to prevent buckling and lifting of the outer foil when closing the pipe clamp
- All components supplied in one package for quick and easy handling on site

Technical data

Material composition

Closed-cell CFC-free polyisocyanurate foam (PIR), flexible elastomer foam, outside PVC-foil with vapor barrier layer

Surface finish

indoor coated - electro galvanized

Noise reduction

> 22.7 dB(A)

Temperature resistance

-40°C – 105°C

Thermal conductivity (λ approx. value)

0.034 W/mK

Diffusion resistance

μ ≥ 7000

Approximate density

120 kg/m³

Pressure resistance

1.2 N/mm²

Locking type

Locking mechanism with 2 screws

Environmental conditions

Dry indoor conditions (C1) Indoor with temporary condensation (C2)

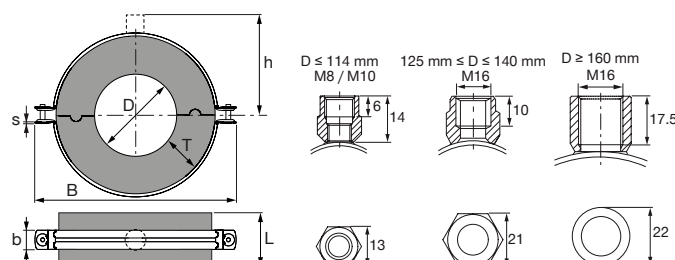
Test reports/Approvals

Sound tested, Building material class according to EN-13501-1:
 • Class E
 • up to BL-s1, d0 in combination with the pipe insulation*

*Please check the relevant classification reports



[Link to Instruction For Use](#)



Order Designation	Diameter - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-C 25/10	10.2 mm		M8/M10	104 mm	45 x 25 mm	52 mm	53 mm	M5	1 Nm	40 N	20 pcs	2408200
MRP-C 25/12	12 mm		M8/M10	104 mm	45 x 25 mm	52 mm	53 mm	M5	1 Nm	40 N	20 pcs	2408201
MRP-C 25/14	13.5 mm		M8/M10	104 mm	45 x 25 mm	52 mm	53 mm	M5	1 Nm	40 N	20 pcs	2408202
MRP-C 25/15	15 mm		M8/M10	104 mm	45 x 25 mm	52 mm	53 mm	M5	1 Nm	50 N	20 pcs	2408203
MRP-C 25/16	15.8 mm		M8/M10	113 mm	45 x 25 mm	56,5 mm	57 mm	M5	1 Nm	50 N	20 pcs	2408204
MRP-C 25/17	17.2 mm	3/8"	M8/M10	113 mm	45 x 25 mm	56,5 mm	57 mm	M5	1 Nm	50 N	20 pcs	2408205
MRP-C 25/18	18.2 mm		M8/M10	113 mm	45 x 25 mm	56,5 mm	57 mm	M5	1 Nm	50 N	20 pcs	2408206
MRP-C 25/20	20 mm		M8/M10	113 mm	45 x 25 mm	56,5 mm	57 mm	M5	1 Nm	75 N	20 pcs	2408207
MRP-C 25/21	21.3 mm	1/2"	M8/M10	113 mm	45 x 25 mm	56,5 mm	57 mm	M5	1 Nm	75 N	20 pcs	2408208
MRP-C 25/22	22 mm		M8/M10	113 mm	45 x 25 mm	56,5 mm	57 mm	M5	1 Nm	75 N	20 pcs	2408209
MRP-C 25/25	25 mm		M8/M10	130 mm	45 x 25 mm	65 mm	62 mm	M6	2 Nm	75 N	20 pcs	2408210
MRP-C 25/26	26.9 mm	3/4"	M8/M10	130 mm	45 x 25 mm	65 mm	62 mm	M6	2 Nm	75 N	20 pcs	2408211

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Order Designation	Diameter - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-C 25/28	28 mm		M8/M10	130 mm	45 x 25 mm	65 mm	62 mm	M6	2 Nm	75 N	20 pcs	2408212
MRP-C 25/32	32 mm		M8/M10	130 mm	45 x 25 mm	65 mm	62 mm	M6	2 Nm	135 N	20 pcs	2408213
MRP-C 25/33	33.7 mm	1"	M8/M10	140 mm	45 x 25 mm	70 mm	67 mm	M6	2 Nm	135 N	20 pcs	2408214
MRP-C 25/35	35 mm		M8/M10	140 mm	50 x 25 mm	70 mm	67 mm	M6	2 Nm	135 N	20 pcs	2408215
MRP-C 25/40	40 mm		M8/M10	140 mm	50 x 25 mm	70 mm	67 mm	M6	2 Nm	180 N	20 pcs	2408216
MRP-C 25/42	42.4 mm	1 ¼"	M8/M10	149 mm	50 x 25 mm	74,5 mm	72 mm	M6	2 Nm	180 N	20 pcs	2408217
MRP-C 25/48	48.3 mm	1 ½"	M8/M10	149 mm	50 x 25 mm	74,5 mm	72 mm	M6	2 Nm	220 N	20 pcs	2408218
MRP-C 25/50	50 mm		M8/M10	149 mm	50 x 25 mm	74,5 mm	72 mm	M6	2 Nm	220 N	20 pcs	2408219
MRP-C 25/54	54 mm		M8/M10	160 mm	50 x 25 mm	80 mm	76 mm	M6	2 Nm	220 N	20 pcs	2408220
MRP-C 25/57	57 mm		M8/M10	160 mm	50 x 25 mm	80 mm	76 mm	M6	2 Nm	250 N	20 pcs	2408221
MRP-C 25/60	60.3 mm	2"	M8/M10	169 mm	50 x 25 mm	84,5 mm	81 mm	M6	2 Nm	350 N	20 pcs	2408222
MRP-C 25/63	63.5 mm		M8/M10	169 mm	50 x 25 mm	84,5 mm	81 mm	M6	2 Nm	350 N	20 pcs	2408223
MRP-C 25/64	64 mm		M8/M10	169 mm	50 x 25 mm	84,5 mm	81 mm	M6	2 Nm	350 N	20 pcs	2408224
MRP-C 25/66	66.7 mm		M8/M10	169 mm	50 x 25 mm	84,5 mm	81 mm	M6	2 Nm	350 N	20 pcs	2408225
MRP-C 25/75	75 mm		M8/M10	179 mm	55 x 25 mm	89,5 mm	86 mm	M6	2 Nm	500 N	10 pcs	2408226
MRP-C 25/76	76.1 mm	2 ½"	M8/M10	190 mm	55 x 25 mm	95 mm	92 mm	M6	2 Nm	500 N	10 pcs	2408227
MRP-C 25/88	88.9 mm	3"	M8/M10	200 mm	55 x 25 mm	100 mm	97 mm	M6	2 Nm	650 N	10 pcs	2408228
MRP-C 25/90	90 mm		M8/M10	200 mm	55 x 25 mm	100 mm	97 mm	M6	2 Nm	650 N	10 pcs	2408229
MRP-C 25/108	108 mm		M8/M10	223 mm	55 x 25 mm	111,5 mm	107 mm	M6	2 Nm	700 N	10 pcs	2408230
MRP-C 25/110	110 mm		M8/M10	223 mm	60 x 25 mm	111,5 mm	107 mm	M6	2 Nm	700 N	10 pcs	2408231
MRP-C 25/114	114.3 mm	4"	M8/M10	232 mm	60 x 25 mm	116 mm	111 mm	M6	2 Nm	1050 N	10 pcs	2408232
MRP-C 25/125	125 mm		M16	235 mm	60 x 25 mm	117,5 mm	112 mm	M8	3 Nm	1100 N	10 pcs	2408233
MRP-C 25/133	133 mm		M16	244 mm	60 x 25 mm	122 mm	117 mm	M8	3 Nm	1150 N	10 pcs	2408234
MRP-C 25/140	140 mm	5"	M16	254 mm	60 x 25 mm	127 mm	122 mm	M8	3 Nm	1150 N	6 pcs	2408235
MRP-C 25/160	159–160 mm		M16	309 mm	60 x 25 mm	154,5 mm	135 mm	M16	10 Nm	1350 N	6 pcs	2408236
MRP-C 25/168	168.3 mm	6"	M16	318 mm	60 x 25 mm	159 mm	140 mm	M16	10 Nm	1350 N	6 pcs	2408237
MRP-C 25/180	180 mm		M16	330 mm	60 x 25 mm	165 mm	146 mm	M16	10 Nm	2500 N	4 pcs	2408238
MRP-C 25/200	200 mm		M16	343 mm	80 x 25 mm	171,5 mm	152 mm	M16	10 Nm	2500 N	4 pcs	2408239
MRP-C 25/219	219.1 mm	8"	M16	363 mm	80 x 25 mm	181,5 mm	162 mm	M16	10 Nm	2850 N	4 pcs	2408240

Refrigeration Pipe Clamp MRP-C 32


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Applications

- Fastening cold water and refrigeration pipes up to 219 mm diameter
- Refrigeration and air conditioning pipe mounting with pipes of various materials
- Recommended for use in dry, indoor environments

Advantages

- Wide range of insulation thicknesses – compatible with insulation thicknesses of 13, 19, 25 or 32 mm with joint-to pipe insulation material (elastomeric caoutchouc)
- 360° mounting – load capacity achieved regardless of how core is rotated inside the pipe clamp
- Easy-release adhesive foil – allows for quick and simple installations, even while wearclamp gloves
- Moisture protection – thermal insulation helps to prevent condensation on the surface and the integrated vapor barrier foil helps to prevent condensation on the pipe
- Compensation feature helps to prevent buckling and lifting of the outer foil when closing the pipe clamp
- All components supplied in one package for quick and easy handling on site

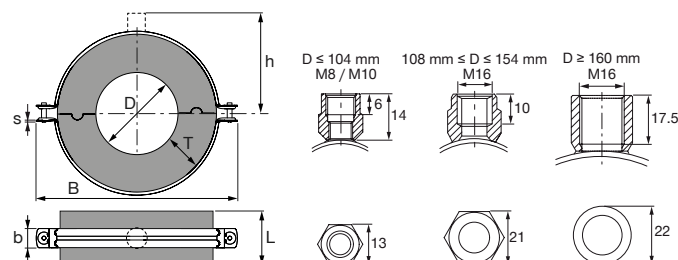
Technical data

Material composition	Closed-cell CFC-free polyisocyanurate foam (PIR), flexible elastomer foam, outside PVC-foil with vapor barrier layer
Surface finish	indoor coated - electro galvanized
Noise reduction	> 22.7 dB(A)
Temperature resistance	-40°C – 105°C
Thermal conductivity (λ approx. value)	0.034 W/mK
Diffusion resistance	μ ≥ 7000
Approximate density	120 kg/m³
Pressure resistance	1.2 N/mm²
Locking type	Locking mechanism with 2 screws
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2) Sound tested, Building material class according to EN-13501-1: • Class E • up to BL-s1, d0 in combination with the pipe insulation*
Test reports/Approvals	

*Please check the relevant classification reports



[Link to Instruction For Use](#)



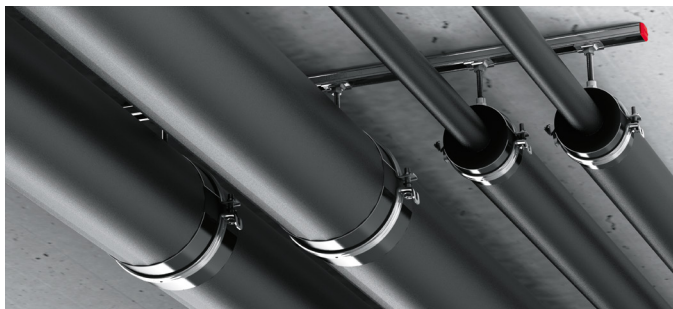
Order Designation	Diameter - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-C 32/10	10.2 mm		M8/M10	130 mm	45 x 32 mm	65 mm	62 mm	M6	2 Nm	40 N	20 pcs	2408241
MRP-C 32/12	12 mm		M8/M10	130 mm	45 x 32 mm	65 mm	62 mm	M6	2 Nm	40 N	20 pcs	2408242
MRP-C 32/14	13.5 mm		M8/M10	130 mm	45 x 32 mm	65 mm	62 mm	M6	2 Nm	40 N	20 pcs	2408243
MRP-C 32/15	15 mm		M8/M10	130 mm	45 x 32 mm	65 mm	62 mm	M6	2 Nm	50 N	20 pcs	2408244
MRP-C 32/16	15.8 mm		M8/M10	130 mm	45 x 32 mm	65 mm	62 mm	M6	2 Nm	50 N	20 pcs	2408245
MRP-C 32/17	17.2 mm	3/8"	M8/M10	130 mm	45 x 32 mm	65 mm	62 mm	M6	2 Nm	50 N	20 pcs	2408246
MRP-C 32/18	18.2 mm		M8/M10	130 mm	45 x 32 mm	65 mm	62 mm	M6	2 Nm	50 N	20 pcs	2408247
MRP-C 32/20	20 mm		M8/M10	140 mm	45 x 32 mm	70 mm	67 mm	M6	2 Nm	75 N	20 pcs	2408248
MRP-C 32/21	21.3 mm	1/2"	M8/M10	140 mm	45 x 32 mm	70 mm	67 mm	M6	2 Nm	75 N	20 pcs	2408249
MRP-C 32/22	22 mm		M8/M10	140 mm	45 x 32 mm	70 mm	67 mm	M6	2 Nm	75 N	20 pcs	2408250
MRP-C 32/25	25 mm		M8/M10	140 mm	45 x 32 mm	70 mm	67 mm	M6	2 Nm	75 N	20 pcs	2408251
MRP-C 32/26	26.9 mm	3/4"	M8/M10	140 mm	45 x 32 mm	70 mm	67 mm	M6	2 Nm	75 N	20 pcs	2408252

table continued on next page

continued page

Order Designation	Diameter - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-C 32/28	28 mm		M8/M10	149 mm	45 x 32 mm	74,5 mm	72 mm	M6	2 Nm	75 N	20 pcs	2408253
MRP-C 32/32	32 mm		M8/M10	149 mm	45 x 32 mm	74,5 mm	72 mm	M6	2 Nm	135 N	20 pcs	2408254
MRP-C 32/33	33.7 mm	1"	M8/M10	149 mm	45 x 32 mm	74,5 mm	72 mm	M6	2 Nm	135 N	20 pcs	2408255
MRP-C 32/35	35 mm		M8/M10	149 mm	50 x 32 mm	74,5 mm	72 mm	M6	2 Nm	135 N	20 pcs	2408256
MRP-C 32/40	40 mm		M8/M10	160 mm	50 x 32 mm	80 mm	76 mm	M6	2 Nm	180 N	20 pcs	2408257
MRP-C 32/42	42.4 mm	1 ¼"	M8/M10	160 mm	50 x 32 mm	80 mm	76 mm	M6	2 Nm	180 N	20 pcs	2408258
MRP-C 32/48	48.3 mm	1 ½"	M8/M10	169 mm	50 x 32 mm	84,5 mm	81 mm	M6	2 Nm	220 N	20 pcs	2408259
MRP-C 32/50	50 mm		M8/M10	169 mm	50 x 32 mm	84,5 mm	81 mm	M6	2 Nm	220 N	20 pcs	2408260
MRP-C 32/54	54 mm		M8/M10	169 mm	50 x 32 mm	84,5 mm	81 mm	M6	2 Nm	220 N	20 pcs	2408262
MRP-C 32/57	57 mm		M8/M10	179 mm	50 x 32 mm	89,5 mm	86 mm	M6	2 Nm	250 N	20 pcs	2408263
MRP-C 32/60	60.3 mm	2"	M8/M10	179 mm	50 x 32 mm	89,5 mm	86 mm	M6	2 Nm	350 N	20 pcs	2408264
MRP-C 32/63	63.5 mm		M8/M10	190 mm	50 x 32 mm	95 mm	92 mm	M6	2 Nm	350 N	10 pcs	2408265
MRP-C 32/64	64 mm		M8/M10	190 mm	50 x 32 mm	95 mm	92 mm	M6	2 Nm	350 N	10 pcs	2408266
MRP-C 32/66	66.7 mm		M8/M10	190 mm	50 x 32 mm	95 mm	92 mm	M6	2 Nm	350 N	10 pcs	2408267
MRP-C 32/75	75 mm		M8/M10	200 mm	55 x 32 mm	100 mm	97 mm	M6	2 Nm	500 N	10 pcs	2408268
MRP-C 32/76	76.1 mm	2 ½"	M8/M10	200 mm	55 x 32 mm	100 mm	97 mm	M6	2 Nm	500 N	10 pcs	2408269
MRP-C 32/88	88.9 mm	3"	M8/M10	210 mm	55 x 32 mm	105 mm	102 mm	M6	2 Nm	650 N	10 pcs	2408270
MRP-C 32/90	90 mm		M8/M10	223 mm	55 x 32 mm	111,5 mm	107 mm	M6	2 Nm	650 N	10 pcs	2408271
MRP-C 32/104	104 mm		M8/M10	232 mm	55 x 32 mm	116 mm	111 mm	M6	2 Nm	700 N	10 pcs	2408272
MRP-C 32/108	108 mm		M16	235 mm	55 x 32 mm	117,5 mm	112 mm	M8	3 Nm	700 N	10 pcs	2408273
MRP-C 32/110	110 mm		M16	235 mm	60 x 32 mm	117,5 mm	112 mm	M8	3 Nm	700 N	10 pcs	2408274
MRP-C 32/114	114.3 mm	4"	M16	235 mm	60 x 32 mm	117,5 mm	112 mm	M8	3 Nm	1050 N	10 pcs	2408275
MRP-C 32/125	125 mm		M16	254 mm	60 x 32 mm	127 mm	122 mm	M8	3 Nm	1100 N	10 pcs	2408276
MRP-C 32/128	128–129 mm		M16	254 mm	60 x 32 mm	127 mm	122 mm	M8	3 Nm	1100 N	10 pcs	2408277
MRP-C 32/133	133 mm		M16	254 mm	60 x 32 mm	127 mm	122 mm	M8	3 Nm	1150 N	10 pcs	2408278
MRP-C 32/140	140 mm	5"	M16	263 mm	60 x 32 mm	131,5 mm	127 mm	M8	3 Nm	1150 N	6 pcs	2408279
MRP-C 32/154	154 mm		M16	279 mm	60 x 32 mm	139,5 mm	134 mm	M8	3 Nm	1350 N	6 pcs	2408280
MRP-C 32/160	159–160 mm		M16	318 mm	60 x 32 mm	159 mm	140 mm	M16	10 Nm	1350 N	6 pcs	2408281
MRP-C 32/168	168.3 mm	6"	M16	330 mm	60 x 32 mm	165 mm	146 mm	M16	10 Nm	1350 N	6 pcs	2408282
MRP-C 32/180	180 mm		M16	343 mm	60 x 32 mm	171,5 mm	152 mm	M16	10 Nm	2500 N	4 pcs	2408283
MRP-C 32/200	200 mm		M16	363 mm	80 x 32 mm	181,5 mm	162 mm	M16	10 Nm	2500 N	4 pcs	2408284
MRP-C 32/204	204 mm		M16	363 mm	80 x 32 mm	181,5 mm	162 mm	M16	10 Nm	2500 N	4 pcs	2408285
MRP-C 32/219	219.1 mm	8"	M16	384 mm	80 x 32 mm	192 mm	173 mm	M16	10 Nm	2850 N	4 pcs	2408261

Refrigeration Pipe Clamp MIP-H (thin insulated)


1

Applications

- Mounting pipes up to 169 mm diameter in refrigeration and air conditioning applications

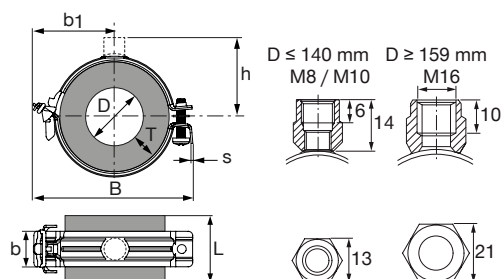
Advantages

- Designed for standard insulation thicknesses (insulation material: elastomeric caoutchouc)
- Continuous joint between refrigeration pipe clamp and pipe insulating material (elastomeric caoutchouc)
- Thermally decoupled system with integrated vapor (diffusion) barrier to help prevent thermal short circuits


[Link to Instruction For Use](#)

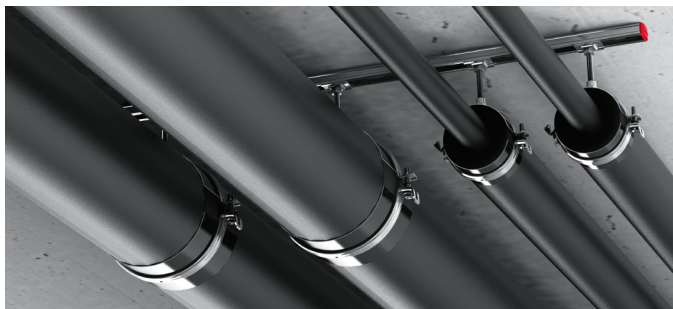
Technical data

Material composition	CFC-free PUR/PIR (elastomer), outer beaclamp shells with 0.8 mm aluminium coating
Surface finish	Indoor coated - electro galvanized
Noise reduction	19 dB (A)
Temperature resistance	-40°C – 105°C
Thermal conductivity (λ approx. value)	0.036 W/mK
Diffusion resistance (μ)	≥ 10000
Approximate density	145 kg/m³
Pressure resistance	1.2 N/mm²
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MIP-H/10-13	10-14 mm	¼"	M8/M10	66 mm	45 x 13 mm	34 mm	38 mm	M6	2 Nm	40 N	24 pcs	2331927
MIP-H/15-18	15-18 mm	⅜"	M8/M10	70 mm	45 x 13 mm	36 mm	40 mm	M6	2 Nm	50 N	16 pcs	2331928
MIP-H/21-25	21-26 mm	½"	M8/M10	80 mm	45 x 13 mm	41 mm	45 mm	M6	2 Nm	75 N	16 pcs	2331929
MIP-H/27-30	27-31 mm	¾"	M8/M10	85 mm	45 x 13 mm	44 mm	48 mm	M6	2 Nm	75 N	12 pcs	2332530
MIP-H/34-38	33-38 mm	1"	M8/M10	90 mm	50 x 14 mm	46 mm	50 mm	M6	2 Nm	150 N	12 pcs	2332531
MIP-H/42	41-43 mm	1 ¼"	M8/M10	110 mm	50 x 14 mm	56 mm	56 mm	M6	2 Nm	200 N	12 pcs	2332564
MIP-H/45	44-46 mm		M8/M10	115 mm	50 x 14 mm	58 mm	58 mm	M6	2 Nm	200 N	12 pcs	2332532
MIP-H/48	48-50 mm	1 ½"	M8/M10	115 mm	55 x 14 mm	58 mm	58 mm	M6	2 Nm	275 N	12 pcs	2332533
MIP-H/54-57	53-58 mm		M8/M10	120 mm	55 x 14 mm	61 mm	61 mm	M6	2 Nm	300 N	10 pcs	2332534
MIP-H/60-64	59-65 mm	2"	M8/M10	133 mm	65 x 15 mm	67 mm	67 mm	M6	2 Nm	475 N	10 pcs	2332535
MIP-H/76-80	75-81 mm	2 ½"	M8/M10	152 mm	75 x 15 mm	75 mm	74 mm	M8	3 Nm	750 N	10 pcs	2332536
MIP-H/89	88-90 mm	3"	M8/M10	166 mm	96 x 15 mm	82 mm	81 mm	M8	3 Nm	1100 N	8 pcs	2332537
MIP-H/102	101-104 mm		M8/M10	179 mm	96 x 16 mm	88 mm	87 mm	M8	3 Nm	1300 N	6 pcs	2332538
MIP-H/108	107-110 mm		M8/M10	186 mm	96 x 16 mm	92 mm	91 mm	M8	3 Nm	1300 N	6 pcs	2332565
MIP-H/114	113-115 mm	4"	M8/M10	192 mm	116 x 16 mm	95 mm	94 mm	M8	3 Nm	1700 N	4 pcs	2332539
MIP-H/133-140	132-140 mm	5"	M8/M10	220 mm	116 x 16 mm	110 mm	106 mm	M8	3 Nm	2000 N	3 pcs	2332540
MIP-H/159-160	159-161 mm		M16	254 mm	116 x 16 mm	128 mm	127 mm	M8	3 Nm	2200 N	3 pcs	314142
MIP-H/165-168	164-169 mm	6"	M16	254 mm	128 x 16 mm	128 mm	127 mm	M8	3 Nm	2600 N	3 pcs	314143

Refrigeration Pipe Clamp MIP-M (medium insulated)



1

Applications

- Mounting pipes up to 410 mm diameter in refrigeration and air conditioning applications

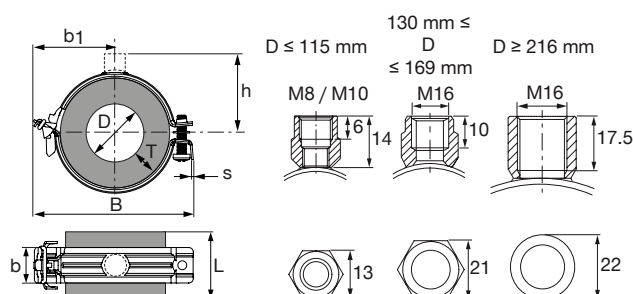
Advantages

- Designed for standard insulation thicknesses (insulation material: elastomeric caoutchouc)
- Continuous joint between refrigeration pipe clamp and pipe insulating material (elastomeric caoutchouc)
- Thermally decoupled system with integrated vapor (diffusion) barrier to help prevent thermal short circuits


[Link to Instruction For Use](#)

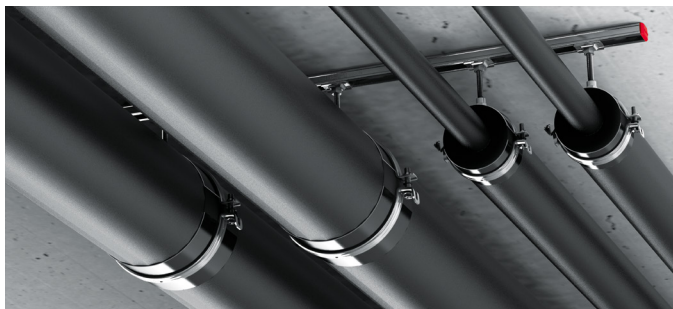
Technical data

Material composition	CFC-free PUR/PIR (elastomer), outer beaclamp shells with 0.8 mm aluminium coating
Surface finish	Indoor coated - electro galvanized
Noise reduction	21 dB (A)
Temperature resistance	-40°C – 105°C
Thermal conductivity (λ approx. value)	0.036 W/mK
Diffusion resistance (μ)	≥ 10000
Approximate density	145 kg/m³
Pressure resistance	1.2 N/mm²
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MIP-M/10-12	10–14 mm	¼"	M8/M10	80 mm	55 x 20 mm	41 mm	43 mm	M6	2 Nm	40 N	18 pcs	2332541
MIP-M/15-18	15–18 mm	⅜"	M8/M10	85 mm	55 x 20 mm	44 mm	48 mm	M6	2 Nm	50 N	18 pcs	2332542
MIP-M/21-25	21–26 mm	½"	M8/M10	90 mm	55 x 20 mm	46 mm	50 mm	M6	2 Nm	75 N	12 pcs	2332543
MIP-M/27-30	27–31 mm	¾"	M8/M10	110 mm	55 x 21 mm	56 mm	56 mm	M6	2 Nm	75 N	12 pcs	2332544
MIP-M/34-38	33–39 mm	1"	M8/M10	115 mm	65 x 22 mm	58 mm	58 mm	M6	2 Nm	150 N	12 pcs	2332545
MIP-M/42-45	42–46 mm	1 ¼"	M8/M10	127 mm	65 x 22 mm	64 mm	64 mm	M6	2 Nm	200 N	12 pcs	2332546
MIP-M/48	47–49 mm	1 ½"	M8/M10	133 mm	65 x 23 mm	67 mm	67 mm	M6	2 Nm	275 N	12 pcs	2332547
MIP-M/54-57	53–58 mm		M8/M10	139 mm	65 x 23 mm	70 mm	70 mm	M8	3 Nm	300 N	12 pcs	2332548
MIP-M/60-64	59–65 mm	2"	M8/M10	152 mm	75 x 23 mm	75 mm	74 mm	M8	3 Nm	475 N	12 pcs	2332549
MIP-M/76-80	75–81 mm	2 ½"	M8/M10	172 mm	85 x 24 mm	85 mm	84 mm	M8	3 Nm	750 N	12 pcs	2332550
MIP-M/89	88–90 mm	3"	M8/M10	179 mm	100 x 24 mm	88 mm	87 mm	M8	3 Nm	1100 N	10 pcs	2332551
MIP-M/102-108	101–109 mm		M8/M10	201 mm	100 x 25 mm	101 mm	97 mm	M8	3 Nm	1300 N	8 pcs	2332552
MIP-M/114	113–115 mm	4"	M8/M10	214 mm	116 x 25 mm	107 mm	103 mm	M8	3 Nm	1700 N	6 pcs	2332553
MIP-M/133	130–134 mm		M16	237 mm	116 x 25 mm	119 mm	116 mm	M8	3 Nm	2000 N	6 pcs	314684
MIP-M/140	138–141 mm	5"	M16	256 mm	116 x 25 mm	128 mm	126 mm	M8	3 Nm	2000 N	6 pcs	314159
MIP-M/159-160	158–161 mm		M16	276 mm	118 x 25 mm	138 mm	136 mm	M8	3 Nm	2200 N	6 pcs	314160
MIP-M/165-168	164–169 mm	6"	M16	276 mm	128 x 25 mm	138 mm	136 mm	M8	3 Nm	2600 N	3 pcs	314161
MIP-M/216-219	216–219 mm		M16	364 mm	170 x 25 mm	182 mm	154 mm	M16	20 Nm	5000 N	3 pcs	314162
MIP-M/267-273	267–275 mm		M16	420 mm	170 x 25 mm	210 mm	183 mm	M16	20 Nm	6000 N	1 pc	314163
MIP-M/324	321–328 mm		M16	472 mm	215 x 25 mm	236 mm	208 mm	M16	20 Nm	8000 N	1 pc	314164
MIP-M/356	352–358 mm		M16	503 mm	215 x 25 mm	252 mm	223 mm	M16	20 Nm	9800 N	1 pc	314165
MIP-M/406	403–410 mm		M16	553 mm	215 x 25 mm	277 mm	250 mm	M16	20 Nm	11400 N	1 pc	314166
MIP-M/457	454–461 mm		M16	605 mm	215 x 25 mm	275 mm	275 mm	M16	20 Nm	12800 N	1 pc	314167

Refrigeration Pipe Clamp MIP-T (thick insulated)



Applications

- Mounting pipes up to 221 mm diameter in refrigeration and air conditioning applications

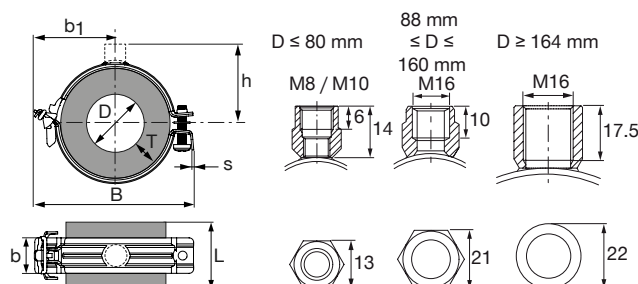
Advantages

- Designed for standard insulation thicknesses (insulation material: elastomeric caoutchouc)
- Continuous joint between refrigeration pipe clamp and pipe insulating material (elastomeric caoutchouc)
- Thermally decoupled system with integrated vapor (diffusion) barrier to help prevent thermal short circuits


[Link to Instruction For Use](#)

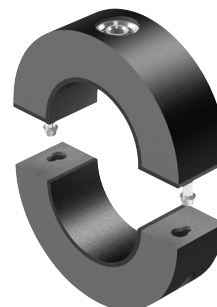
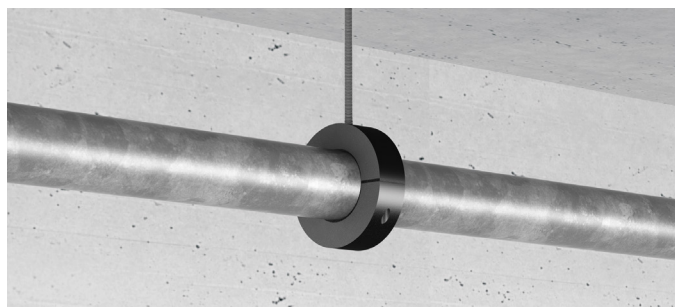
Technical data

Material composition	CFC-free PUR/PIR (elastomer), outer beaclamp shells with 0.8 mm aluminium coating
Surface finish	Indoor coated - electro galvanized
Noise reduction	20 dB (A)
Temperature resistance	-40°C – 105°C
Thermal conductivity (λ approx. value)	0.036 W/mK
Diffusion resistance (μ)	≥ 7000
Approximate density	145 kg/m³
Pressure resistance	1.2 N/mm²
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Building material class B2 / E



Order Designation	Clamping Range - D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MIP-T/10-12	10-12 mm		M8/M10	110 mm	75 x 31 mm	56 mm	56 mm	M6	2 Nm	40 N	20 pcs	2332563
MIP-T/15-18	15-18 mm	¾"	M8/M10	115 mm	75 x 31 mm	58 mm	58 mm	M6	2 Nm	50 N	20 pcs	2332554
MIP-T/21	21-22 mm	½"	M8/M10	120 mm	75 x 31 mm	61 mm	61 mm	M6	2 Nm	75 N	16 pcs	2332566
MIP-T/25	24-26 mm		M8/M10	127 mm	75 x 31 mm	64 mm	64 mm	M6	2 Nm	75 N	16 pcs	2332555
MIP-T/27-30	26-30 mm	¾"	M8/M10	133 mm	75 x 34 mm	67 mm	67 mm	M6	2 Nm	150 N	12 pcs	2332556
MIP-T/34-35	33-35 mm	1"	M8/M10	152 mm	85 x 35 mm	75 mm	74 mm	M8	3 Nm	150 N	12 pcs	2332567
MIP-T/38	37-39 mm		M8/M10	152 mm	85 x 36 mm	75 mm	74 mm	M8	3 Nm	150 N	12 pcs	2332557
MIP-T/42-45	41-45 mm	1 ¼"	M8/M10	160 mm	85 x 37 mm	79 mm	78 mm	M8	3 Nm	200 N	12 pcs	2332558
MIP-T/48	47-49 mm	1 ½"	M8/M10	166 mm	85 x 38 mm	82 mm	81 mm	M8	3 Nm	275 N	12 pcs	2332559
MIP-T/54	51-54 mm		M8/M10	172 mm	85 x 38 mm	85 mm	84 mm	M8	3 Nm	300 N	8 pcs	2332568
MIP-T/57	56-59 mm		M8/M10	179 mm	85 x 38 mm	88 mm	87 mm	M8	3 Nm	300 N	8 pcs	2332560
MIP-T/60	60-62 mm	2"	M8/M10	179 mm	100 x 39 mm	88 mm	87 mm	M8	3 Nm	475 N	6 pcs	2332569
MIP-T/64	63-65 mm		M8/M10	186 mm	100 x 39 mm	92 mm	91 mm	M8	3 Nm	475 N	6 pcs	2332561
MIP-T/76-80	76-80 mm	2 ½"	M8/M10	201 mm	115 x 40 mm	101 mm	97 mm	M8	3 Nm	750 N	6 pcs	2332562
MIP-T/89	88-90 mm	3"	M16	222 mm	125 x 41 mm	111 mm	109 mm	M8	3 Nm	1100 N	4 pcs	314178
MIP-T/102-108	101-109 mm		M16	257 mm	125 x 42 mm	129 mm	127 mm	M8	3 Nm	1300 N	4 pcs	314179
MIP-T/114	113-115 mm	4"	M16	257 mm	145 x 43 mm	129 mm	127 mm	M8	3 Nm	1700 N	3 pcs	314180
MIP-T/133-140	132-141 mm	5"	M16	291 mm	145 x 44 mm	146 mm	143 mm	M8	3 Nm	2000 N	3 pcs	314182
MIP-T/159-160	158-161 mm		M16	317 mm	146 x 45 mm	159 mm	156 mm	M16	20 Nm	2200 N	2 pcs	314183
MIP-T/165-168	164-169 mm	6"	M16	362 mm	167 x 45 mm	181 mm	149 mm	M16	20 Nm	2600 N	2 pcs	314184
MIP-T/216-219	216-221 mm		M16	420 mm	215 x 50 mm	210 mm	183 mm	M16	20 Nm	5000 N	2 pcs	314185

Refrigeration Pipe Clamp MRP-KF



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Applications

- Installing chilled water pipes up to 219 mm diameter in industrial and air conditioning applications
- 3-way connection head - M8/M10/1/2" (12.7 up to 139.7 mm diameter) or 2-way connection head M12/1/2" or M16/3/4" (159 up to 219.1 mm diameter)

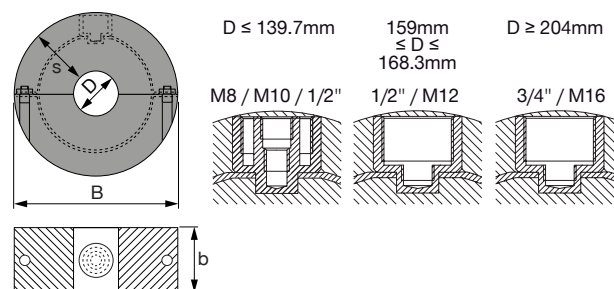
Advantages

- Two-part pipe clamp with innovative closure mechanism for quicker, easier installation
- The closure mechanism allows two-sided closure as well as one-sided pre-assembly of the pipe clamp half-shells
- Integrated metal pipe clamp in the insulation material for optimum load transfer


[Link to Instruction For Use](#)

Technical data

Material composition	Closed-cell polyurethane foam
Noise reduction	16 dB (A)
Temperature resistance	-50°C – 110°C
Thermal conductivity (λ approx. value)	0.043 W/mK
Approximate density	250 kg/m³
Pressure resistance	2.4 N/mm²
Diffusion resistance	Diffusion-inhibiting due to the closed-cell structure of the PUR rigid foam
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Sound tested, Building material class B2 / E



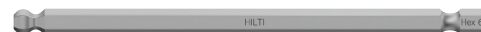
Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-KF 12	12.7 mm		M8/M10/1/2"	87 mm	40 x 37 mm	43,5 mm	43,5 mm	M6 – HEX 5	3 Nm	150 N	10 pcs	2134508
MRP-KF 16	15.8 mm		M8/M10/1/2"	87 mm	40 x 35 mm	43,5 mm	43,5 mm	M6 – HEX 5	3 Nm	190 N	10 pcs	2134509
MRP-KF 17	17.2 mm	3/8"	M8/M10/1/2"	87 mm	40 x 34 mm	43,5 mm	43,5 mm	M6 – HEX 5	3 Nm	200 N	10 pcs	2134540
MRP-KF 18	18 mm		M8/M10/1/2"	87 mm	40 x 33 mm	43,5 mm	43,5 mm	M6 – HEX 5	3 Nm	210 N	10 pcs	2134541
MRP-KF 21	21.3 mm	1/2"	M8/M10/1/2"	87 mm	40 x 31 mm	43,5 mm	43,5 mm	M6 – HEX 5	3 Nm	260 N	10 pcs	2134542
MRP-KF 22	22 mm		M8/M10/1/2"	87 mm	40 x 31 mm	43,5 mm	43,5 mm	M6 – HEX 5	3 Nm	260 N	10 pcs	2134543
MRP-KF 27	26.9 mm	3/4"	M8/M10/1/2"	87 mm	40 x 30 mm	43,5 mm	43,5 mm	M6 – HEX 5	3 Nm	320 N	10 pcs	2134544
MRP-KF 28	28 mm		M8/M10/1/2"	87 mm	40 x 30 mm	43,5 mm	43,5 mm	M6 – HEX 5	3 Nm	340 N	10 pcs	2134545
MRP-KF 33	33.7 mm	1"	M8/M10/1/2"	98 mm	40 x 32 mm	49 mm	49 mm	M6 – HEX 5	3 Nm	400 N	10 pcs	2134546
MRP-KF 35	35 mm		M8/M10/1/2"	98 mm	40 x 32 mm	49 mm	49 mm	M6 – HEX 5	3 Nm	420 N	10 pcs	2134547
MRP-KF 42	42.4 mm	1 1/4"	M8/M10/1/2"	103 mm	40 x 30 mm	51,5 mm	51,5 mm	M6 – HEX 5	3 Nm	510 N	10 pcs	2134548
MRP-KF 48	48.3 mm	1 1/2"	M8/M10/1/2"	108 mm	40 x 30 mm	54 mm	54 mm	M6 – HEX 5	3 Nm	580 N	10 pcs	2134549
MRP-KF 50	50 mm		M8/M10/1/2"	108 mm	40 x 30 mm	54 mm	54 mm	M6 – HEX 5	3 Nm	600 N	10 pcs	2134550
MRP-KF 54	54 mm		M8/M10/1/2"	117 mm	40 x 30 mm	58,5 mm	58,5 mm	M6 – HEX 5	3 Nm	650 N	10 pcs	2134551
MRP-KF 57	57 mm		M8/M10/1/2"	117 mm	40 x 30 mm	58,5 mm	58,5 mm	M6 – HEX 5	3 Nm	680 N	10 pcs	2134552
MRP-KF 60	60.3 mm	2"	M8/M10/1/2"	120 mm	50 x 30 mm	60 mm	60 mm	M6 – HEX 5	3 Nm	720 N	10 pcs	2134553
MRP-KF 64	64 mm		M8/M10/1/2"	120 mm	50 x 30 mm	60 mm	60 mm	M6 – HEX 5	3 Nm	770 N	10 pcs	2134554
MRP-KF 70	70 mm		M8/M10/1/2"	136 mm	50 x 31 mm	68 mm	68 mm	M6 – HEX 5	3 Nm	1260 N	10 pcs	2134555
MRP-KF 76	76.1 mm	2 1/2"	M8/M10/1/2"	136 mm	50 x 30 mm	68 mm	68 mm	M6 – HEX 5	3 Nm	1370 N	10 pcs	2134556
MRP-KF 89	88.9 mm	3"	M8/M10/1/2"	149 mm	50 x 30 mm	74,5 mm	74,5 mm	M6 – HEX 5	3 Nm	1600 N	5 pcs	2134557
MRP-KF 108	108 mm		M8/M10/1/2"	200 mm	60 x 46 mm	100 mm	100 mm	M8 – HEX 6	6 Nm	2590 N	5 pcs	2134558

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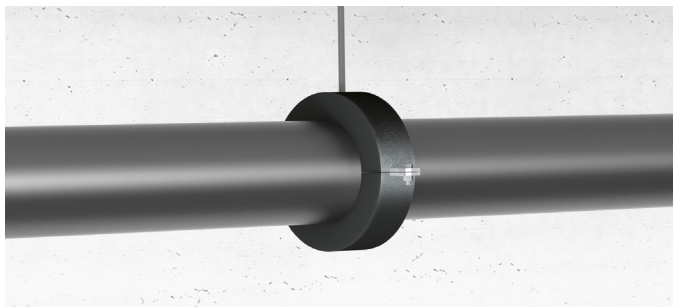
Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MRP-KF 114	114.3 mm	4"	M8/M10/1/2"	200 mm	60 x 43 mm	100 mm	100 mm	M8 – HEX 6	6 Nm	2740 N	5 pcs	2134559
MRP-KF 133	133 mm		M8/M10/1/2"	219 mm	60 x 41 mm	109,5 mm	109,5 mm	M8 – HEX 6	6 Nm	3190 N	5 pcs	2134560
MRP-KF 139	139.7 mm	5"	M8/M10/1/2"	219 mm	60 x 40 mm	109,5 mm	109,5 mm	M8 – HEX 6	6 Nm	3350 N	5 pcs	2134561
MRP-KF 159	159 mm		M12/1/2"	239 mm	60 x 40 mm	119,5 mm	119,5 mm	M8 – HEX 6	6 Nm	3830 N	4 pcs	2134562
MRP-KF 168	168.3 mm	6"	M12/1/2"	248 mm	60 x 40 mm	124 mm	124 mm	M8 – HEX 6	6 Nm	4040 N	4 pcs	2134563
MRP-KF 204	204 mm		M16/3/4"	340 mm	100 x 66 mm	170 mm	170 mm	M8 – HEX 6	6 Nm	4900 N	1 pc	2134564
MRP-KF 219	219.1 mm	8"	M16/3/4"	340 mm	100 x 60 mm	170 mm	170 mm	M8 – HEX 6	6 Nm	5260 N	1 pc	2134565

Accessories for assembly



Order Designation	Sales quantity	Item number
Bolt blade S-B HEX5 125/6" S (5)	5 pcs	2045967
Bolt blade S-B HEX6 125/6" S (5)	5 pcs	2045968

Refrigeration Pipe Clamp MP-KF 170



Applications

- Mounting chilled water pipes in industrial and air conditioning applications

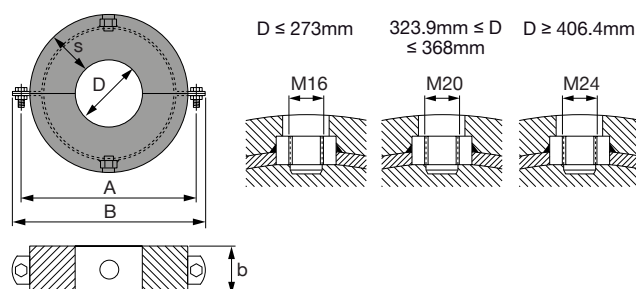
Advantages

- Two-part pipe clamp for quicker installation
- Integrated metal pipe clamp in the insulation material for optimum load transfer
- No sealant required – vapor diffusion-tight thanks to sealing tape



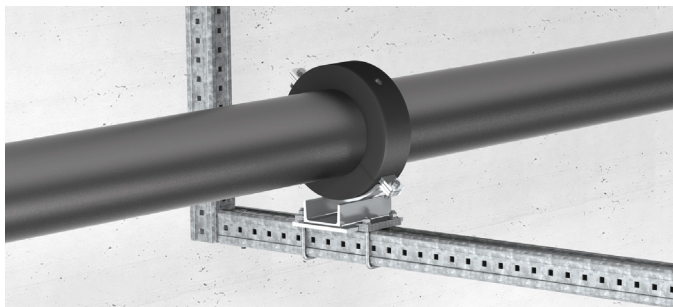
Technical data

Material composition	Closed-cell CFC-free polyurethane foam (PUR)
Temperature resistance	-50°C – 110°C
Thermal conductivity (λ approx. value)	0.049 W/mK
Approximate density	250 kg/m³
Pressure resistance¹⁾	2.4 N/mm²
Diffusion resistance	Vapor retardant due to the closed-cell structure of the rigid PUR foam
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Building material class B2 / E
Further information	Locking screws not included



Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Insulation length x thickness (L x T)	Max extension from center - b1	Distance between holes - A	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MP-KF 170-219	219.1 mm	8"	M16	439 mm	100 x 60 mm	219,5 mm	399 mm	M12	10 Nm	6500 N	1 pc	431416
MP-KF 170-273	273 mm	10"	M16	493 mm	100 x 60 mm	246,5 mm	453 mm	M16	20 Nm	6500 N	2 pcs	431417
MP-KF 170-324	323.9 mm	12"	M20	544 mm	100 x 60 mm	272 mm	504 mm	M16	20 Nm	11000 N	2 pcs	431418
MP-KF 170-356	355.6 mm	14"	M20	576 mm	100 x 60 mm	288 mm	536 mm	M16	20 Nm	11000 N	1 pc	431419
MP-KF 170-368	368 mm		M20	588 mm	100 x 60 mm	294 mm	548 mm	M16	20 Nm	11000 N	1 pc	431420
MP-KF 170-406	406.4 mm	16"	M24	646 mm	120 x 60 mm	323 mm	596 mm	M16	20 Nm	11000 N	1 pc	431421
MP-KF 170-457	457 mm	18"	M24	697 mm	120 x 60 mm	348,5 mm	647 mm	M16	20 Nm	17000 N	1 pc	431422
MP-KF 170-508	508 mm	20"	M24	748 mm	120 x 60 mm	374 mm	698 mm	M16	20 Nm	17000 N	1 pc	431423
MP-KF 170-609	609 mm	24"	M24	848 mm	140 x 60 mm	424 mm	798 mm	M16	20 Nm	17000 N	1 pc	431424
MP-KF 170-711	711.2 mm	28"	M24	950 mm	140 x 60 mm	475 mm	900 mm	M16	20 Nm	17000 N	1 pc	431425

Slide supports KF 171-1 (single)


1

Applications

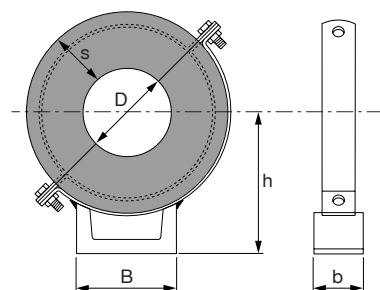
- Mounting chilled water pipes up to 609 mm diameter in industrial and air conditioning applications

Advantages

- Designed for the transfer of high vertical loads
- Perfect fit to MP-KF 170 refrigeration pipe clamps

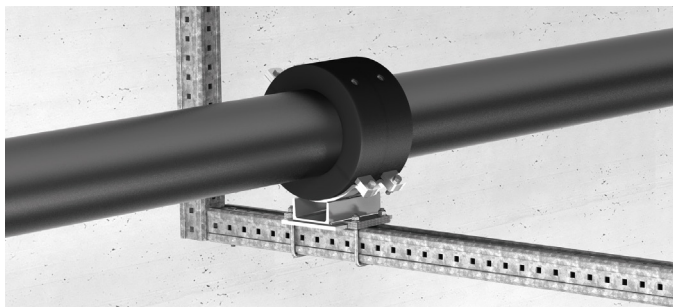
Technical data

Material composition	DD11 – DIN EN 10111
Surface finish	Concrete grey enamel
Temperature resistance	-160°C – 130°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)



Order Designation	Diameter - D	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Sales quantity	Item number
KF 171/1-219	219.1 mm	120 mm	200 x 60 mm	60 mm	222 mm	1 pc	335219
KF 171/1-273	273 mm	120 mm	200 x 60 mm	60 mm	249 mm	1 pc	335220
KF 171/1-324	323.9 mm	140 mm	200 x 60 mm	70 mm	280 mm	1 pc	335221
KF 171/1-356	355.6 mm	140 mm	200 x 60 mm	70 mm	297 mm	1 pc	335222
KF 171/1-368	368 mm	140 mm	200 x 60 mm	70 mm	303 mm	1 pc	335223
KF 171/1-406	406.4 mm	140 mm	200 x 60 mm	70 mm	322 mm	1 pc	335224
KF 171/1-457	457 mm	140 mm	240 x 60 mm	70 mm	347 mm	1 pc	335225
KF 171/1-508	508 mm	180 mm	240 x 60 mm	90 mm	381 mm	1 pc	335226
KF 171/1-609	609 mm	180 mm	240 x 60 mm	90 mm	489 mm	1 pc	335227

Slide supports KF 171-2 (double)


1

Applications

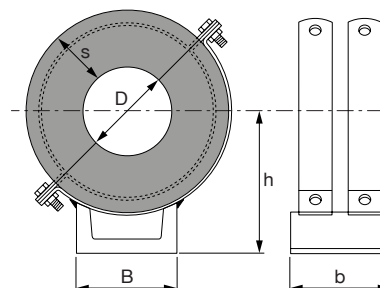
- Mounting chilled water pipes up to 609 mm diameter in industrial and air conditioning applications

Advantages

- Designed for the transfer of high vertical loads
- Perfect fit to MP-KF 170 refrigeration pipe clamps

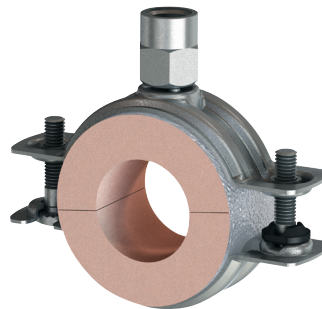
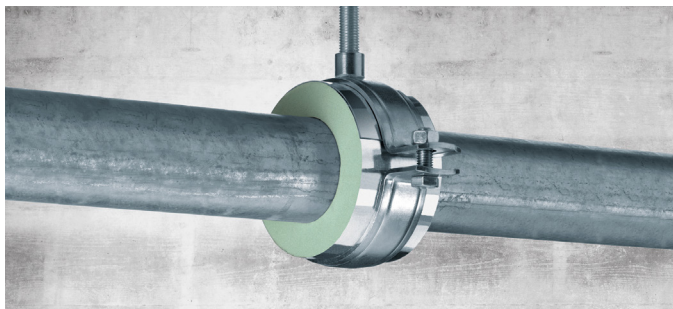
Technical data

Material composition	DD11 – DIN EN 10111
Surface finish	Concrete grey enamel
Temperature resistance	-160°C – 130°C
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)



Order Designation	Diameter - D	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Sales quantity	Item number
KF 171/2-219	219.1 mm	120 mm	200 x 60 mm	60 mm	222 mm	1 pc	335228
KF 171/2-273	273 mm	120 mm	200 x 60 mm	60 mm	249 mm	1 pc	335229
KF 171/2-324	323.9 mm	140 mm	200 x 60 mm	70 mm	280 mm	1 pc	335230
KF 171/2-356	355.6 mm	140 mm	200 x 60 mm	70 mm	297 mm	1 pc	335231
KF 171/2-368	368 mm	140 mm	240 x 60 mm	70 mm	303 mm	1 pc	335232
KF 171/2-406	406.4 mm	140 mm	240 x 60 mm	70 mm	322 mm	1 pc	335233
KF 171/2-457	457 mm	140 mm	240 x 60 mm	70 mm	347 mm	1 pc	335234
KF 171/2-508	508 mm	180 mm	240 x 60 mm	90 mm	381 mm	1 pc	335235
KF 171/2-609	609 mm	180 mm	240 x 60 mm	90 mm	489 mm	1 pc	335236

Refrigeration Pipe Clamp MI-CF


1

Applications

- Fastening pipes for refrigeration and air conditioning systems
- Mounting refrigeration pipes in industrial and air conditioning applications

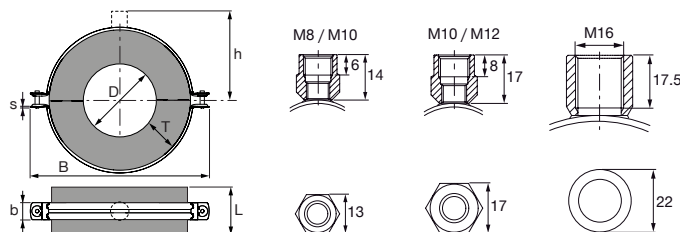
Advantages

- Simpler and faster pre-fitting of most common pipe sizes due to the two-screw pipe clamp with swivel mechanism
- Large pipe diameters with higher loads can be installed with two-screw heavy-duty pipe clamps
- All-in-one package – pipe clamp and insulation core – simplifies handling on the jobsite and in the warehouse


[Link to Instruction For Use](#)

Technical data

Material composition	Closed-cell CFC-free polyisocyanurate foam (PIR), outside aluminum-foil
Temperature resistance	-70°C – 120°C
Thermal conductivity (λ approx. value)	0.03 W/mK
Approximate density	80 kg/m³
Pressure resistance	0.7 N/mm²
Diffusion resistance	impermeable
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Building material class B2 / E



Refrigeration Pipe Clamp MI-CF, no load sharing, 20 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 10/20	10,0 mm		M8/M10	91,5 mm	20×1,5 mm	45,75 mm	36,0 mm	M6	2 Nm	30 N	28 pcs	372618
MI-CF 15/20	15,0 mm		M8/M10	99,0 mm	20×1,5 mm	49,5 mm	38,0 mm	M6	2 Nm	36 N	24 pcs	270913
MI-CF 17/20	17,2 mm	¾"	M8/M10	99,0 mm	20×1,5 mm	49,5 mm	39,5 mm	M6	2 Nm	50 N	24 pcs	372619
MI-CF 21/20	21,3 mm	½"	M8/M10	105,0 mm	20×1,5 mm	52,5 mm	42,5 mm	M6	2 Nm	60 N	24 pcs	372620
MI-CF 27/20	26,9 mm	¾"	M8/M10	110,5 mm	20×1,5 mm	55,25 mm	46,0 mm	M6	2 Nm	80 N	20 pcs	372621
MI-CF 34/20	33,7 mm	1"	M8/M10	123,0 mm	25×2,0 mm	61,5 mm	50,0 mm	M6	2 Nm	125 N	20 pcs	372622
MI-CF 42/20	42,4 mm	1 ¼"	M8/M10	136,0 mm	25×2,0 mm	68 mm	58,5 mm	M6	2 Nm	155 N	16 pcs	372623
MI-CF 48/20	48,3 mm	1 ½"	M8/M10	136,0 mm	25×2,0 mm	68 mm	58,5 mm	M6	2 Nm	180 N	12 pcs	372624
MI-CF 54/20	54,0 mm		M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	200 N	12 pcs	372625
MI-CF 57/20	57,0 mm		M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	210 N	10 pcs	372626
MI-CF 60/20	60,3 mm	2"	M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	220 N	10 pcs	372627
MI-CF 64/20	63,5 mm		M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	235 N	10 pcs	372628
MI-CF 76/20	76,1 mm	2 ½"	M8/M10	171,5 mm	25×2,5 mm	85,75 mm	76,0 mm	M6	2 Nm	280 N	10 pcs	372629
MI-CF 89/20	88,9 mm	3"	M8/M10	186,0 mm	25×2,5 mm	93 mm	82,5 mm	M6	2 Nm	325 N	8 pcs	372630
MI-CF 101/20	101,6 mm		M8/M10	195,0 mm	25×2,5 mm	97,5 mm	87,0 mm	M6	2 Nm	375 N	6 pcs	372631
MI-CF 108/20	108,0 mm		M8/M10	203,0 mm	25×2,5 mm	101,5 mm	90,5 mm	M6	2 Nm	395 N	6 pcs	372632

table continued on next page

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Refrigeration Pipe Clamp MI-CF, no load sharing, 25 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 15/25	15,0 mm		M8/M10	105,0 mm	20×1,5 mm	52,5 mm	41,0 mm	M6	2 Nm	36 N	20 pcs	270914
MI-CF 22/25	22,0 mm		M8/M10	123,0 mm	25×2,0 mm	61,5 mm	49,0 mm	M6	2 Nm	53 N	20 pcs	270916
MI-CF 17/25	17,2 mm	¾"	M8/M10	112,0 mm	20×1,5 mm	56 mm	40,0 mm	M6	2 Nm	40 N	20 pcs	373606
MI-CF 21/25	21,3 mm	½"	M8/M10	112,0 mm	20×1,5 mm	56 mm	40,0 mm	M6	2 Nm	50 N	20 pcs	373652
MI-CF 27/25	26,9 mm	¾"	M8/M10	123,0 mm	25×2,0 mm	61,5 mm	50,0 mm	M6	2 Nm	100 N	20 pcs	372634
MI-CF 34/25	33,7 mm	1"	M8/M10	136,0 mm	25×2,0 mm	68 mm	58,5 mm	M6	2 Nm	125 N	20 pcs	372880
MI-CF 42/25	42,4 mm	1 ¼"	M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	155 N	12 pcs	372635
MI-CF 48/25	48,3 mm	1 ½"	M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	180 N	12 pcs	372636
MI-CF 54/25	54,0 mm		M8/M10	162,0 mm	25×2,5 mm	81 mm	69,0 mm	M6	2 Nm	164 N	12 pcs	270917
MI-CF 60/25	60,3 mm	2"	M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	220 N	10 pcs	372637
MI-CF 76/25	76,1 mm	2 ½"	M8/M10	176,0 mm	25×2,5 mm	88 mm	78,0 mm	M6	2 Nm	280 N	10 pcs	372638

Refrigeration Pipe Clamp MI-CF, no load sharing, 30 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 15/30	15,0 mm		M8/M10	123,0 mm	25×2,0 mm	61,5 mm	49,0 mm	M6	2 Nm	36 N	20 pcs	270915
MI-CF 21/30	21,3 mm	½"	M8/M10	136,0 mm	25×2,0 mm	68 mm	58,5 mm	M6	2 Nm	80 N	20 pcs	372639
MI-CF 27/30	26,9 mm	¾"	M8/M10	136,0 mm	25×2,0 mm	68 mm	58,5 mm	M6	2 Nm	100 N	16 pcs	372640
MI-CF 34/30	33,7 mm	1"	M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	125 N	12 pcs	372641
MI-CF 42/30	42,4 mm	1 ¼"	M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	155 N	12 pcs	372642
MI-CF 48/30	48,3 mm	1 ½"	M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	180 N	12 pcs	372643
MI-CF 54/30	54,0 mm		M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	160 N	12 pcs	372644
MI-CF 60/30	60,3 mm	2"	M8/M10	171,5 mm	25×2,5 mm	85,75 mm	76,0 mm	M6	2 Nm	220 N	10 pcs	372645
MI-CF 76/30	76,1 mm	2 ½"	M8/M10	186,0 mm	25×2,5 mm	93 mm	82,5 mm	M6	2 Nm	280 N	10 pcs	372646
MI-CF 89/30	88,9 mm	3"	M8/M10	203,0 mm	25×2,5 mm	101,5 mm	90,5 mm	M6	2 Nm	325 N	10 pcs	372647

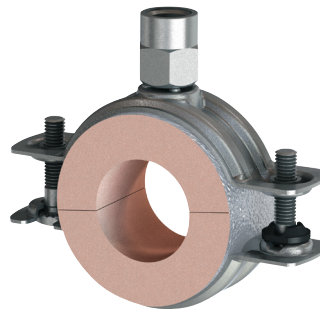
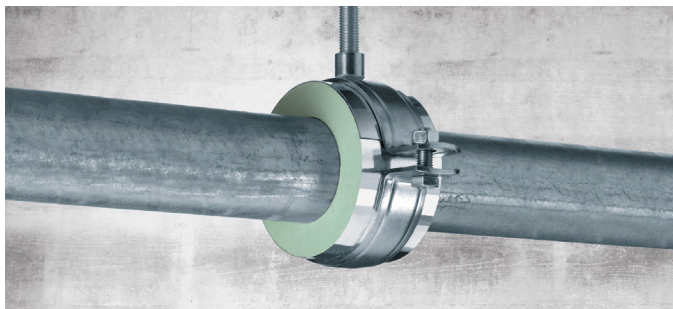
Refrigeration Pipe Clamp MI-CF, no load sharing, 40 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 21/40	21,3 mm	½"	M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	80 N	16 pcs	372654
MI-CF 27/40	26,9 mm	¾"	M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	100 N	12 pcs	372655
MI-CF 34/40	33,7 mm	1"	M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	125 N	12 pcs	372656
MI-CF 42/40	42,4 mm	1 ¼"	M8/M10	171,5 mm	25×2,5 mm	85,75 mm	76,0 mm	M6	2 Nm	155 N	12 pcs	372657
MI-CF 48/40	48,3 mm	1 ½"	M8/M10	176,0 mm	25×2,5 mm	88 mm	78,0 mm	M6	2 Nm	180 N	10 pcs	372658
MI-CF 54/40	54,0 mm		M8/M10	186,0 mm	25×2,5 mm	93 mm	82,5 mm	M6	2 Nm	200 N	10 pcs	372659
MI-CF 60/40	60,3 mm	2"	M8/M10	195,0 mm	25×2,5 mm	97,5 mm	87,0 mm	M6	2 Nm	220 N	10 pcs	372660
MI-CF 76/40	76,1 mm	2 ½"	M16	238,3 mm	40×4,0 mm	119,15 mm	103,5 mm	M12	10 Nm	445 N	6 pcs	372661
MI-CF 76/40	76,1 mm	2 ½"	M10/M12	216,0 mm	30×2,5 mm	108 mm	97,0 mm	M8	3 Nm	277 N	6 pcs	270921
MI-CF 89/40	88,9 mm	3"	M16	252,5 mm	40×4,0 mm	126,25 mm	110,5 mm	M12	10 Nm	1250 N	6 pcs	372888
MI-CF 89/40	88,9 mm	3"	M10/M12	229,0 mm	30×2,5 mm	114,5 mm	104,0 mm	M8	3 Nm	323 N	6 pcs	270925

Refrigeration Pipe Clamp MI-CF, no load sharing, 50 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 48/50	48,3 mm	1 ½"	M8/M10	203,0 mm	25×2,5 mm	101,5 mm	90,5 mm	M6	2 Nm	180 N	8 pcs	372669
MI-CF 60/50	60,3 mm	2"	M10/M12	223,0 mm	30×2,5 mm	111,5 mm	102,0 mm	M8	3 Nm	219 N	6 pcs	270919
MI-CF 60/50	60,3 mm	2"	M16	252,5 mm	40×4,0 mm	126,25 mm	110,5 mm	M12	10 Nm	360 N	6 pcs	372670
MI-CF 76/50	76,1 mm	2 ½"	M16	260,5 mm	40×4,0 mm	130,25 mm	114,5 mm	M12	10 Nm	445 N	6 pcs	372671
MI-CF 76/50	76,1 mm	2 ½"	M10/M12	229,0 mm	30×2,5 mm	114,5 mm	104,0 mm	M8	3 Nm	227 N	6 pcs	270923
MI-CF 89/50	88,9 mm	3"	M16	283,7 mm	40×4,0 mm	141,85 mm	122,5 mm	M16	20 Nm	520 N	4 pcs	372672
MI-CF 89/50	88,9 mm	3"	M10/M12	254,0 mm	30×3,0 mm	127 mm	112,0 mm	M8	3 Nm	323 N	4 pcs	270927

Refrigeration Pipe Clamp MI-CF LS


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Applications

- Fastening pipes for refrigeration and air conditioning systems
- Mounting refrigeration pipes in industrial and air conditioning applications

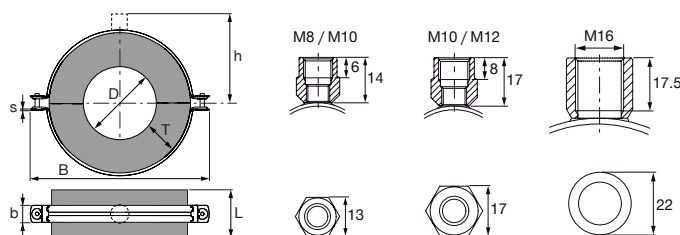
Advantages

- Simpler and faster pre-fitting of most common pipe sizes due to the two-screw pipe clamp with swivel mechanism
- Large pipe diameters with higher loads can be installed with two-screw heavy-duty pipe clamps
- All-in-one package – pipe clamp and insulation core – simplifies handling on the jobsite and in the warehouse


[Link to Instruction For Use](#)

Technical data

Material composition	Closed-cell CFC-free polyisocyanurate foam (PIR), outside aluminum-foil
Temperature resistance	-70°C – 120°C
Thermal conductivity (λ approx. value)	0.03 W/mK
Approximate density	80 kg/m³
Pressure resistance	0.7 N/mm²
Diffusion resistance	impermeable
Environmental conditions	Dry indoor conditions (C1) Indoor with temporary condensation (C2)
Test reports/Approvals	Building material class B2 / E



Refrigeration Pipe Clamp MI-CF LS, 20 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 57/20 LS	57,0 mm		M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	610 N	10 pcs	372873
MI-CF 60/20 LS	60,3 mm	2"	M8/M10	145,0 mm	25×2,0 mm	72,5 mm	60,5 mm	M6	2 Nm	645 N	10 pcs	372874
MI-CF 64/20 LS	63,5 mm		M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	680 N	10 pcs	372875
MI-CF 76/20 LS	76,1 mm	2 ½"	M8/M10	171,5 mm	25×2,5 mm	85,75 mm	76,0 mm	M6	2 Nm	815 N	10 pcs	372876
MI-CF 89/20 LS	88,9 mm	3"	M8/M10	186,0 mm	25×2,5 mm	93 mm	82,5 mm	M6	2 Nm	950 N	10 pcs	372877
MI-CF 101/20 LS	101,6 mm		M8/M10	195,0 mm	25×2,5 mm	97,5 mm	87,0 mm	M6	2 Nm	1430 N	6 pcs	372878
MI-CF 108/20 LS	108,0 mm		M8/M10	203,0 mm	25×2,5 mm	101,5 mm	90,5 mm	M6	2 Nm	1520 N	6 pcs	372879
MI-CF 114/20 LS	114,3 mm	4"	M8/M10	203,0 mm	25×2,5 mm	101,5 mm	90,5 mm	M6	2 Nm	1610 N	6 pcs	372633

Refrigeration Pipe Clamp MI-CF LS, 25 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 60/25 LS	60,3 mm	2"	M8/M10	162,0 mm	25×2,5 mm	81 mm	71,5 mm	M6	2 Nm	645 N	10 pcs	372881
MI-CF 76/25 LS	76,1 mm	2 ½"	M8/M10	176,0 mm	25×2,5 mm	88 mm	78,0 mm	M6	2 Nm	815 N	10 pcs	372882

table continued on next page

continued page

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Refrigeration Pipe Clamp MI-CF LS, 30 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 60/30 LS	60,3 mm	2"	M8/M10	171,5 mm	25×2,5 mm	85,75 mm	76,0 mm	M6	2 Nm	645 N	10 pcs	372883
MI-CF 76/30 LS	76,1 mm	2 ½"	M8/M10	186,0 mm	25×2,5 mm	93 mm	82,5 mm	M6	2 Nm	815 N	10 pcs	372884
MI-CF 89/30 LS	88,9 mm	3"	M8/M10	203,0 mm	25×2,5 mm	101,5 mm	90,5 mm	M6	2 Nm	1250 N	10 pcs	372885
MI-CF 114/30 LS	114,3 mm	4"	M16	260,5 mm	40×4,0 mm	130,25 mm	114,5 mm	M12	10 Nm	1610 N	6 pcs	372648
MI-CF 114/30 LS	114,3 mm	4"	M10/M12	229,0 mm	30×2,5 mm	114,5 mm	104,0 mm	M8	3 Nm	1330 N	6 pcs	270928
MI-CF 133/30 LS	133,0 mm		M16	283,7 mm	40×4,0 mm	141,85 mm	122,5 mm	M16	20 Nm	1870 N	6 pcs	372649
MI-CF 140/30 LS	139,7 mm	5"	M16	289,7 mm	40×4,0 mm	144,85 mm	125,5 mm	M16	20 Nm	1965 N	6 pcs	372650
MI-CF 159/30 LS	159,0 mm		M16	309,0 mm	40×4,0 mm	154,5 mm	135,0 mm	M16	20 Nm	2240 N	2 pcs	372651
MI-CF 168/30 LS	168,3 mm		M16	321,0 mm	40×4,0 mm	160,5 mm	141,0 mm	M16	20 Nm	2370 N	2 pcs	372652
MI-CF 219/30 LS	219,1 mm		M16	372,2 mm	40×4,0 mm	186,1 mm	166,5 mm	M16	20 Nm	3085 N	2 pcs	372653

Refrigeration Pipe Clamp MI-CF LS, 40 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 60/40 LS	60,3 mm	2"	M8/M10	195,0 mm	25×2,5 mm	97,5 mm	87,0 mm	M6	2 Nm	645 N	10 pcs	372886
MI-CF 76/40 LS	76,1 mm	2 ½"	M16	238,3 mm	40×4,0 mm	119,15 mm	103,5 mm	M12	10 Nm	1070 N	6 pcs	372887
MI-CF 76/40 LS	76,1 mm	2 ½"	M10/M12	216,0 mm	30×2,5 mm	108 mm	97,0 mm	M8	3 Nm	886 N	6 pcs	270920
MI-CF 89/40 LS	88,9 mm	3"	M16	252,5 mm	40×4,0 mm	126,25 mm	110,5 mm	M12	10 Nm	1250 N	6 pcs	372889
MI-CF 89/40 LS	88,9 mm	3"	M10/M12	229,0 mm	30×2,5 mm	114,5 mm	104,0 mm	M8	3 Nm	1035 N	6 pcs	270924
MI-CF 114/40 LS	114,3 mm	4"	M16	283,7 mm	40×4,0 mm	141,85 mm	122,5 mm	M16	20 Nm	1610 N	6 pcs	372662
MI-CF 114/40 LS	114,3 mm	4"	M10/M12	254,0 mm	30×3,0 mm	127 mm	112,0 mm	M8	3 Nm	1330 N	6 pcs	270929
MI-CF 133/40 LS	133,0 mm		M16	309,0 mm	40×4,0 mm	154,5 mm	135,0 mm	M16	20 Nm	1870 N	6 pcs	372663
MI-CF 140/40 LS	139,7 mm	5"	M16	309,0 mm	40×4,0 mm	154,5 mm	135,0 mm	M16	20 Nm	1965 N	6 pcs	372664
MI-CF 159/40 LS	159,0 mm		M16	327,0 mm	40×4,0 mm	163,5 mm	145,5 mm	M16	20 Nm	2240 N	2 pcs	372665
MI-CF 168/40 LS	168,3 mm		M16	343,0 mm	40×4,0 mm	171,5 mm	152,0 mm	M16	20 Nm	2370 N	2 pcs	372666
MI-CF 219/40 LS	219,1 mm		M16	384,2 mm	40×4,0 mm	192,1 mm	172,5 mm	M16	20 Nm	3085 N	2 pcs	372667
MI-CF 273/40 LS	273,0 mm		M16	459,4 mm	50×5,0 mm	229,7 mm	199,0 mm	M16	20 Nm	3840 N	2 pcs	372668

Refrigeration Pipe Clamp MI-CF LS, 50 mm isolation

Order Designation	Diameter- D	Nominal pipe size	Thread - M	Width - B	Crosssection width x thickness (b x s)	Max extension from center - b1	Distance center to top - h	Clamp screw	Torque	Maximum load - F	Sales quantity	Item number
MI-CF 60/50 LS	60,3 mm	2"	M16	252,5 mm	40×4,0 mm	126,25 mm	110,5 mm	M12	10 Nm	850 N	6 pcs	372890
MI-CF 60/50 LS	60,3 mm	2"	M10/M12	223,0 mm	30×2,5 mm	111,5 mm	102,0 mm	M8	3 Nm	700 N	6 pcs	270918
MI-CF 76/50 LS	76,1 mm	2 ½"	M16	260,5 mm	40×4,0 mm	130,25 mm	114,5 mm	M12	10 Nm	1070 N	6 pcs	372891
MI-CF 76/50 LS	76,1 mm	2 ½"	M10/M12	229,0 mm	30×2,5 mm	114,5 mm	104,0 mm	M8	3 Nm	886 N	6 pcs	270922
MI-CF 89/50 LS	88,9 mm	3"	M16	283,7 mm	40×4,0 mm	141,85 mm	122,5 mm	M16	20 Nm	1250 N	4 pcs	372892
MI-CF 89/50 LS	88,9 mm	3"	M10/M12	254,0 mm	30×3,0 mm	127 mm	112,0 mm	M8	3 Nm	1035 N	4 pcs	270926
MI-CF 114/50 LS	114,3 mm	4"	M16	309,0 mm	40×4,0 mm	154,5 mm	135,0 mm	M16	20 Nm	1610 N	4 pcs	372673
MI-CF 140/50 LS	139,7 mm	5"	M16	327,0 mm	40×4,0 mm	163,5 mm	145,5 mm	M16	20 Nm	1965 N	2 pcs	372674
MI-CF 159/50 LS	159,0 mm		M16	355,1 mm	40×4,0 mm	177,55 mm	158,0 mm	M16	20 Nm	2240 N	2 pcs	372675
MI-CF 168/50 LS	168,3 mm		M16	363,2 mm	40×4,0 mm	181,6 mm	162,0 mm	M16	20 Nm	2370 N	2 pcs	372676
MI-CF 219/50 LS	219,1 mm		M16	429,2 mm	50×5,0 mm	214,6 mm	184,0 mm	M16	20 Nm	3085 N	2 pcs	372677
MI-CF 273/50 LS	273,0 mm		M16	475,4 mm	50×5,0 mm	237,7 mm	207,0 mm	M16	20 Nm	3840 N	2 pcs	372678

Pipes: mass, weights, mounting distances

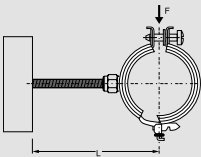
Steel tubes. Stainless Steel tubes								Steel tubes. Stainless Steel tubes							
				Pipe weights ¹⁾								Pipe weights ¹⁾			
DN	Size	Ø	Wall strength	empty	water filled	Water + Insulation	max. ²⁾ Support distance	DN	Size	Tubes Ø	Wall strength	empty	water filled	Water + Insulation	max. ²⁾ Support distance
NW	inches	mm	mm	kg/m	kg/m	kg/m	m	NW	inches	mm	mm	kg/m	kg/m	kg/m	m
Threaded pipes to DIN EN 10255. medium (replacement for DIN 2440)								Stainless Steel pipes to DIN EN 10296 series 1.2.3 (replacement for DIN 17455)							
6	¼"	10.2	2.0	0.4	0.4	0.6	1.50			20	1.00	0.5	0.7	0.9	2.25
8	¼"	13.5	2.3	0.6	0.7	0.9	2.00	15		21.3	2.00	1.0	1.2	1.4	2.75
10	¾"	17.2	2.3	0.8	1.0	1.2	2.25			22	2.00	1.0	1.3	1.5	2.75
15	½"	21.3	2.6	1.2	1.4	1.6	2.75			25	2.00	1.2	1.5	1.7	2.75
20	¾"	26.9	2.6	1.6	1.9	2.2	3.00			25.4	2.00	1.2	1.5	1.8	2.75
25	1"	33.7	3.2	2.4	3.0	3.5	3.50	20		26.9	2.00	1.2	1.7	2.1	3.00
32	1 ¼"	42.4	3.2	3.1	4.1	4.9	3.75			30	2.00	1.4	1.9	2.4	3.00
40	1 ½"	48.3	3.2	3.6	4.9	6.2	4.25			31.8	2.00	1.5	2.1	2.6	3.00
50	2"	60.3	3.6	5.0	7.2	9.1	4.75			32	2.00	1.5	2.1	2.6	3.00
65	2 ½"	76.1	3.6	6.4	10.2	13.3	5.50	25		33.7	2.00	1.6	2.3	2.8	3.50
80	3"	88.9	4.0	8.4	13.5	18.3	6.00			35	2.00	1.7	2.4	2.9	3.50
100	4"	114.3	4.5	12.2	20.9	26.3	6.00			38	2.00	1.8	2.7	3.2	3.50
125	5"	139.7	5.0	16.6	29.8	35.8	6.00			40	2.00	1.9	2.9	3.7	3.50
150	6"	165.1	5.0	19.7	38.6	45.3	6.00	32		42.4	2.00	2.0	3.2	4.0	3.70
Steel pipes DIN EN 10220. seamless/welded. series 1.2.3 (replacement for DIN 2448/2458)										44.5	2.00	2.1	3.4	4.6	3.70
6		10.2	1.60	0.3	0.4	0.5	1.50	40		48.3	2.00	2.3	3.9	5.1	4.25
		12.0	1.80	0.5	0.5	0.7	1.50			51	2.00	2.5	4.2	5.5	4.25
		12.7	1.80	0.5	0.5	0.7	1.50			54	2.00	2.6	4.6	5.9	4.25
8		13.5	1.80	0.5	0.6	0.8	1.75			57	2.00	2.8	5.0	6.7	4.25
		14.0	1.80	0.5	0.6	0.8	1.75	50		60.3	2.00	2.9	5.4	7.2	4.75
10		16.0	1.80	0.6	0.8	0.9	1.75			63.5	2.00	3.1	5.9	7.7	4.75
		17.2	1.80	0.7	0.8	1.0	2.25			70	2.00	3.4	6.8	9.3	4.75
		18.0	1.80	0.7	0.9	1.1	2.25	65		76.1	2.00	3.7	7.8	10.9	5.50
		19.0	1.80	0.8	0.9	1.1	2.25			82.5	2.00	4.0	8.9	12.1	5.50
15		20.0	1.80	0.8	1.0	1.2	2.25	80		88.9	2.00	4.4	10.0	14.8	6.00
		21.3	2.00	1.0	1.2	1.4	2.75			101.6	2.00	5.0	12.5	17.5	6.00
		22.0	2.00	1.0	1.2	1.5	2.75	100		114.3	2.60	7.3	16.6	22.0	6.00
20		25.0	2.00	1.1	1.5	1.7	3.00	125		139.7	2.60	8.9	23.1	29.2	6.00
		25.4	2.00	1.2	1.5	1.7	3.00	150		168.3	3.20	13.2	33.8	40.6	6.00
		26.9	2.30	1.4	1.8	2.2	3.00	200		219.1	4.00	21.5	56.5	64.6	6.00
25		30.0	2.30	1.6	2.1	2.5	3.00	250		273.0	4.00	26.9	82.1	91.5	6.00
		31.8	2.60	1.9	2.4	2.9	3.25	300		323.9	5.00	39.9	117.3	128.0	6.00
		32.0	2.60	1.9	2.4	2.9	4.25	350		355.6	5.00	43.9	137.7	149.2	6.00
		33.7	2.60	2.0	2.6	3.1	3.50	400		406.4	5.00	50.3	173.7	186.4	6.00
32		35.0	2.30	1.9	2.6	3.1	3.50	450		457.0	10.00	111.9	261.9	275.9	6.00
		38.0	2.60	2.3	3.1	3.6	3.65	500		508.0	11.00	136.9	322.4	337.7	6.00
		40.0	2.60	2.4	3.3	3.9	3.65	600		610.0	12.50	187.0	455.8	473.6	6.00
		42.4	2.60	2.6	3.6	4.5	3.70	Stainless Steel pipes to DIN EN 10312 - Series 1 (replacement for DIN 17455)							
40		44.5	2.60	2.7	3.9	4.7	3.75			6.0	0.60	0.081	0.10	0.2	1.00
		48.3	2.60	2.9	4.4	5.6	4.25			8.0	0.60	0.111	0.15	0.3	1.00
50		51.0	2.60	3.1	4.8	6.0	4.40			10.0	0.60	0.141	0.20	0.4	1.00
		54.0	2.60	3.3	5.2	6.5	4.40			12.0	0.60	0.171	0.26	0.4	1.20
		57.0	2.90	3.9	5.9	7.7	4.60			15.0	0.60	0.216	0.37	0.5	1.20
		60.3	2.90	4.1	6.4	8.3	4.75			18.0	0.70	0.303	0.52	0.7	1.20
65		63.5	2.90	4.3	6.9	8.8	4.75			22.0	0.70	0.373	0.71	0.9	1.80
		70.0	2.9	4.8	8.0	10.5	5.00			28.0	0.80	0.545	1.09	1.5	1.80
		73.0	2.9	5.0	8.6	11.1	5.00			35.0	1.00	0.851	1.71	2.2	2.40
		76.1	2.90	5.2	9.1	12.3	5.50			42.0	1.10	1.126	2.37	3.2	2.40
80		82.5	3.20	6.3	10.8	14.1	5.75			54.0	1.20	1.586	3.68	5.4	2.70
		88.9	3.20	6.8	12.1	16.9	6.00			64.0	1.20	1.887	4.87	7.2	2.70
		101.6	3.60	8.7	15.7	20.8	6.00			66.7	1.20	1.968	5.22	7.6	3.00
100		108.0	3.60	9.3	17.2	22.5	6.00			76.1	1.50	2.802	7.00	10.1	3.00
		114.3	3.60	9.8	18.8	24.2	6.00			88.9	1.50	3.283	9.08	13.8	3.00
		127.0	4.00	12.1	23.3	29.0	6.00			103.0	1.50	3.812	11.67	16.8	3.00
125		133.0	4.00	12.7	25.0	30.9	6.00			108.0	1.50	4.000	12.66	17.9	3.00
		139.7	4.00	13.4	27.0	33.0	6.00			128.0	1.50	4.751	17.02	22.8	3.00
		141.3	4.00	13.5	27.5	33.6	6.00			133.0	1.50	4.939	18.21	24.1	3.60
		152.4	4.50	16.4	32.6	38.9	6.00			153.0	1.50	5.690	23.36	29.7	3.60
150		159.0	4.50	17.1	34.8	41.3	6.00			159.0	2.00	7.862	26.73	33.2	4.00
		168.3	4.50	18.2	38.1	44.9	6.00	Copper pipes according to DIN EN 1057 (replacement for DIN 1786)							
		177.8	5.00	21.3	43.4	50.4	6.00			6	1.0	0.14	0.15	0.3	1.00
200		193.7	5.40	25.1	51.3	58.7	6.00			8	1.0	0.20	0.23	0.4	1.00
		219.1	6.30	33.1	66.6	74.6	6.00	8		10	1.0	0.25	0.30	0.5	1.00
		244.5	6.30	37.0	79.2	87.9	6.00	10		12	1.0	0.31	0.39	0.5	1.25
250		273.0	6.30	41.4	94.7	104.1	6.00			14	1.0	0.37	0.48	0.6	1.25
300		323.9	7.10	55.5	130.8	141.5	6.00	12		15	1.0	0.39	0.53	0.7	1.25
350		355.6	8.00	68.6	159.2	170.6	6.00			16	1.0	0.42	0.58	0.8	1.25
400		406.4	8.80	86.3	205.0	217.7	6.00	15		18	1.0	0.48	0.68	0.9	1.50
		457.0	10.00	110.2	260.2	274.2	6.00	20		22	1.0	0.59	0.91	1.1	2.00
500		508.0	11.00	134.8	320.3	335.6	6.00	25		28	1.5	1.12	1.61	2.0	2.25
		559.0	12.50	168.5	392.4	409.0	6.00	32		35	1.5	1.41	2.22	2.7	2.75
600		610.0	12.50	184.2	453.0	470.8	6.00			40	1.5	1.63	2.70	3.5	2.75
Stainless Steel pipes to DIN EN 10296 series 1.2.3 (replacement for DIN 17455)								40		42	1.5	1.71	2.90	3.7	3.00
6		1.00	0.1	0.1	0.3	1.50		50		54	2.0	2.93	4.89	6.2	3.50
		8	1.00	0.2	0.2	0.3	1.50	50		64	2.0	3.49	6.32	8.2	4.00
		10	1.00	0.2	0.3	0.4	1.50			67	2.0	3.64	6.73	9.1	4.00
6		10.2	1.00	0.2	0.3	0.4	1.50	65		76	2.0	4.17	8.25	11.4	4.25
		12	1.00	0.3	0.4	0.5	1.50	80		89	2.0	4.89	10.55	15.3	4.75
		12.7	1.00	0.3	0.4	0.5	1.50	100		108	2.5	7.42	15.76	21.0	5.00
8		13.5	1.00	0.3	0.4	0.6	1.75	125		133	3.0	10.98	23.65	29.5	5.00
		14.0	1.00	0.3	0.4	0.6	1.75	125		159	3.0	13.17	31.56	38.1	5.00
		16.0	1.00	0.4	0.5	0.7	1.75	200		219	3.0	18.24	53.87	61.9	5.00
10		17.2	1.00	0.4	0.6	0.8	2.25	250		267	3.0	22.29	75.80	85.0	5.00
		18	1.00	0.4	0.6	0.8	2.25								
		19	1.00	0.5	0.7	0.9	2.25								

1) Pipe weights with 'Water + Insulation' are guide values. The actual weight depends on the insulation material used (assumption: 80 kg/m³)

2) Guide values: the pipe manufacturer's specifications must be observed.

Pipe fastenings
Permissible bending load for threaded bolts (4.8)

1



Thread connection	Distance L to Center[mm]					
	50	100	150	200	250	300
Permitted load F_{rec} [N]						
M 8	100	50	33	25	13	–
M 10	200	100	66	50	32	19
M 12	350	175	116	87	68	40
M 16	888	444	296	222	177	137

Maximum deflection: $f_{max} = 3\text{ mm}$
Permissible steel stress: $\sigma_{zul} = 160\text{ N/mm}^2$ (threaded bolts)

