

A BIS Metal Pipe Clamps with Lining



BIS Clamps
Rubber Lined Split Clamp

6



BIS Industrial Clamps
BIS Heavy Duty Clamp HD1501 (M8/10, M10/12) (BUP1000)
BIS Heavy Duty Clamp HD1501 (M16) (BUP1000)

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BIS Sprinkler Clamps
Rubber Lined Sprinkler Clamp

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U Bolt Clamps
Rubber Lined U Bolt
Rubber Lined Two Bolt Clamp

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BIS Industrial Saddles
Rubber Lined Riser Clamp

12



U-Strap Clamp
Rubber Lined U-Strap Clamp
Rubber Lined U-Strap Clamp

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Clevis Hangers
Rubber Lined Clevis Hanger

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Subject to modifications



A BIS Metal Pipe Clamps with Lining

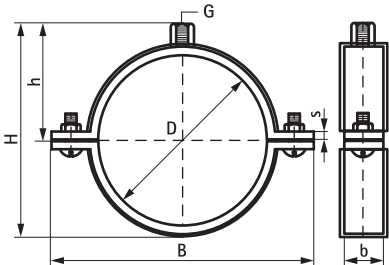
Rubber Lined Split Clamp



Features and benefits

- lock bolts with combi cross recessed head
- for horizontal and vertical applications
- profiled for extra strength
- screws secured with anti-loss washer
- material: steel
- electrogalvanized as per ASTM B 633 Standards (SC3)
- temperature resistance from -20 °C to +110 °C
- noise insulating lining, rubber, black
- noise reduction up to 18dB (A)

Part No.	D (mm)	D (")	DN (mm)	G	B (mm)	H (mm)	h (mm)	b x s (mm)	Fa,z (N)	Pack 1
DM C21 5 018	15 - 19	3/8	15	M8	60	36	26	19 x 1.2	1,500	450
DM C21 5 022	20 - 25	1/2	22	M8	65	43	29	19 x 1.2	1,500	400
DM C21 5 028	36 - 30	3/4	28	M8	70	50	32	19 x 1.2	1,500	350
DM C21 5 035	32 - 36	1	35	M8	85	56	36	19 x 1.2	1,500	300
DM C21 5 040	38 - 43	1 1/4	42	M8	92	63	39	19 x 1.2	1,500	250
DM C21 5 048	47 - 51	1 1/2	48	M8	98	72	42	19 x 1.2	1,500	200
DM C21 5 054	53 - 58	-	54	M8	104	75	45	19 x 1.2	1,500	200
DM C21 5 060	60 - 64	2	60	M8	110	81	48	19 x 1.2	1,500	125
DM C21 5 063	36 - 66	-	63	M8	115	88	51	19 x 1.2	1,500	125
DM C21 5 070	68 - 72	-	70	M8	120	91	53	19 x 1.2	1,500	125
DM C21 5 075	74 - 80	2 1/2	75	M8/10	125	96	56	19 x 1.5	2,000	100
DM C21 5 083	81 - 86	-	83	M8/10	139	108	60	19 x 1.5	2,000	100
DM C21 5 090	87 - 92	3	90	M8/10	146	111	63	19 x 1.5	2,000	100
DM C21 5 100	99 - 105	3 1/2	100	M8/10	156	121	68	19 x 1.5	2,000	75
DM C21 5 110	107 - 112	-	110	M8/10	166	131	73	19 x 1.5	2,000	75
DM C21 5 115	113 - 118	4	115	M8/10	171	136	76	19 x 1.5	2,000	70
DM C21 5 125	125 - 130	-	125	M8/10	181	146	81	19 x 2.0	2,000	70
DM C21 5 133	131 - 137	-	133	M8/10	184	154	85	19 x 2.0	2,000	50
DM C21 5 140	138 - 142	5	140	M8/10	196	161	88	19 x 2.0	2,000	50
DM C21 5 150	148 - 153	-	150	M8/10	206	171	93	19 x 2.0	2,000	50
DM C21 5 160	159 - 166	-	160	M8/10	216	181	98	19 x 2.0	2,000	50
DM C21 5 168	168 - 172	6	168	M8/10	224	189	102	19 x 2.0	2,000	50
DM C21 5 200	200 - 212	-	200	M8/10	256	221	118	19 x 2.0	3,000	50
DM C21 5 220	215 - 220	8	220	M8/10	276	241	128	19 x 2.0	3,000	40
DM C21 5 250	249	-	250	M8/10	306	271	143	19 x 2.0	3,000	40
DM C21 5 315	313 - 318	-	315	M8/10	371	336	176	19 x 2.0	3,000	25



Hot Dip Galvanized and Stainless Steel option available on request.
With connection nut M8/M10, M10/M12 available on request.
With M6 Side Nuts available on request.
This series replaces part number DMC115 series.

Subject to modifications

BIS Heavy Duty Clamp HD1501 (BUP1000)

for metal pipes Ø 15 - 227 mm

M8/10
M10/12



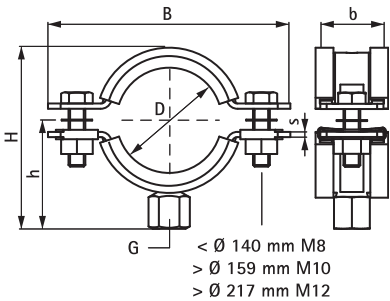
Features and benefits

- two-part clamp with two locking bolts
- up to and including 5": locking nut is captive, hidden in plastic holder
- heavy design
- bolts secured with anti-loss washer
- with CO₂ welded connection nut
- material: steel
- noise insulating lining, EPDM rubber, black
- also available: noise insulating lining of silicone rubber (reddish brown), heat resistant up to +200 °C (A 35 15)
- age resistant lining
- surface protection:
 - product is part of the BIS UltraProtect® 1000 system
 - suitable for in- and outdoor applications
 - stands min. 1,000 hours salt spray test (max. 5% red rust) according to ISO 9227
- sound insulating lining according DIN 4109
- tested for fire safety



Part No.	D (mm)	D (")	DN (mm)	G	B (mm)	H (mm)	h (mm)	b x s (mm)	Fa,z (N)	RAL	Pack 1
3313 8 019	15 - 19	3/8	10	M8/10	81	55	35	30 x 2,5	1,500	RAL ²	25
3313 8 023	19 - 23	1/2	15	M8/10	84	58	37	30 x 2,5	1,500	RAL ²	25
3313 8 029	25 - 29	3/4	20	M8/10	91	64	40	30 x 2,5	1,500	RAL ²	25
3313 8 035	30 - 35	1	25	M8/10	98	70	43	30 x 2,5	1,500	RAL ²	25
3313 8 045	40 - 45	1 1/4	32	M8/10	109	80	48	30 x 2,5	1,500	RAL ²	25
3313 8 051	46 - 51	1 1/2	40	M8/10	115	86	51	30 x 2,5	1,500	RAL ²	25
3313 8 059	53 - 59	-	-	M8/10	122	93	55	30 x 2,5	1,500	RAL ²	25
3313 8 064	59 - 64	2	50	M8/10	129	99	57	30 x 2,5	1,500	RAL ²	25
3314 8 071	65 - 71	-	-	M10/12	136	116	71	30 x 3,0	2,300	RAL ²	25
3314 8 078	72 - 78	2 1/2	65	M10/12	144	123	74	30 x 3,0	2,300	RAL ²	25
3314 8 085	79 - 85	-	-	M10/12	152	130	78	30 x 3,0	2,300	RAL ²	25
3314 8 092	86 - 92	3	80	M10/12	159	136	81	30 x 3,0	2,300	RAL ²	25
3314 8 109	101 - 109	-	-	M10/12	175	154	90	30 x 3,0	2,300	RAL ²	25
3314 8 116	108 - 116	4	100	M10/12	182	160	93	30 x 3,0	2,300	RAL ²	25
3314 8 133	125 - 133	-	-	M10/12	200	178	102	30 x 3,0	2,300	RAL ²	25
3314 8 140	132 - 140	5	125	M10/12	207	184	104	30 x 3,0	2,300	RAL ²	15
3314 8 169	159 - 169	6	150	M10/12	254	223	124	38 x 4,0	2,300	RAL ²	15
3314 8 188	178 - 188	-	-	M10/12	274	242	133	38 x 4,0	2,300	RAL ²	15
3314 8 204	194 - 204	-	-	M10/12	290	258	141	38 x 4,0	2,300	RAL ²	15
3314 8 213	203 - 213	-	-	M10/12	299	267	146	38 x 4,0	2,300	RAL ²	15
3314 8 227	217 - 227	8	200	M10/12	322	282	152	38 x 4,0	2,300	RAL ²	2

RAL² = tested, certified and externally monitored according to RAL-GZ 655/B and RAL-GZ 656.
For detailed technical information about our RAL marked products, please see the RAL datasheet in our webcatalogue: www.walraven.com/gb/en/catalogue/.



Subject to modifications



A BIS Metal Pipe Clamps with Lining

BIS Heavy Duty Clamp HD1501 (BUP1000)

for metal pipes Ø 217 - 509 mm
M16



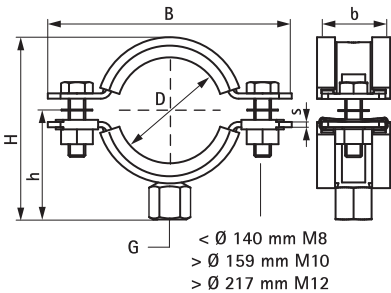
Features and benefits

- two-part clamp with two locking bolts
- heavy design
- bolts secured with anti-loss washer
- with CO₂ welded connection nut
- material: steel
- noise insulating lining, EPDM rubber, black
- also available: noise insulating lining of silicone rubber (reddish brown), heat resistant up to +200 °C (A 35 15)
- age resistant lining
- surface protection:
 - product is part of the BIS UltraProtect® 1000 system
 - suitable for in- and outdoor applications
 - stands min. 1,000 hours salt spray test (max. 5% red rust) according to ISO 9227
- sound insulating lining according DIN 4109
- tested for fire safety



Part No.	D (mm)	D (")	DN (mm)	G	B (mm)	H (mm)	h (mm)	b x s (mm)	Fa,z RAL (N)	Pack 1
3316 8 169	159 - 169	6	150	M16	254	220	120	38 x 4,0	3.800 RAL ²	15
3316 8 188	178 - 188	-	-	M16	274	239	130	38 x 4,0	3.800 RAL ²	15
3316 8 204	194 - 204	-	-	M16	290	255	138	38 x 4,0	3.800 RAL ²	15
3316 8 213	203 - 213	-	-	M16	299	264	143	38 x 4,0	3.800 RAL ²	15
3316 8 227	217 - 227	8	200	M16	322	278	150	38 x 4,0	3.800 RAL ²	2
3316 8 250	240 - 250	-	-	M16	345	302	163	38 x 4,0	3.800 RAL ¹	2
3316 8 275	265 - 275	10	250	M16	367	327	175	48 x 5,0	9.200 RAL ¹	2
3316 8 325	315 - 325	12	300	M16	414	374	198	48 x 5,0	9.200 RAL ¹	2
3316 8 364	354 - 364	14	350	M16	453	412	217	48 x 5,0	9.200 RAL ¹	2
3316 8 408	398 - 408	16	400	M16	497	456	239	48 x 5,0	9.200 RAL ¹	2
3316 8 458	448 - 458	18	450	M16	548	506	264	48 x 5,0	9.200 RAL ¹	2
3316 8 509	499 - 509	20	500	M16	599	557	289	48 x 5,0	9.200 RAL ¹	2

RAL¹ = tested, certified and externally monitored according to RAL-GZ 655/B.
RAL² = tested, certified and externally monitored according to RAL-GZ 655/B and RAL-GZ 656.
For detailed technical information about our RAL marked products, please see the RAL datasheet in our webcatalogue: www.walraven.com/gb/en/catalogue/.



Subject to modifications

Rubber Lined Sprinkler Clamp



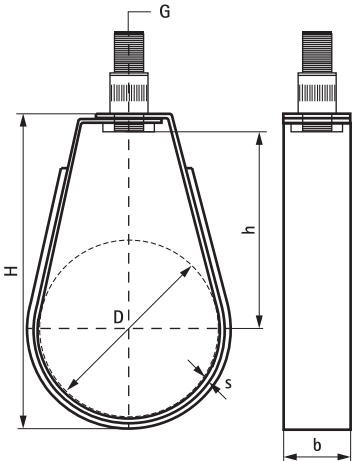
Features and benefits

- for use in fire fighting and sprinkler installations
- easy to install, without tools
- high load capacity due to one piece design
- locking device allows easy pre-mounting
- material: steel
- pregalvanized as per ASTM A 653 G90
- noise insulating lining, rubber, black
- noise reduction up to 18dB (A)



Part No.	D (mm)	D (")	G	h (mm)	b x s (mm)	Fa,z Appr. (N)	Pack 1
DM C21 7 028	28	3/4	M10	61	20 x 1.5	3,000 FM, UL	400
DM C21 7 035	35	1	M10	68	20 x 1.5	3,000 FM, UL	300
DM C21 7 040	42	1 1/4	M10	61	20 x 1.5	3,000 FM, UL	250
DM C21 7 048	48	1 1/2	M10	81	20 x 1.5	3,000 FM, UL	200
DM C21 7 060	60	2	M10	100	20 x 1.5	3,000 FM, UL	180
DM C21 7 075	73	2 1/2	M10	120	32 x 2.0	4,500 FM, UL	75
DM C21 7 090	89	3	M10	135	32 x 2.0	4,500 FM, UL	60
DM C21 7 100	105	3 1/2	M10	150	32 x 2.0	4,500 FM, UL	40
DM C21 7 115	115	4	M10	165	32 x 2.5	5,500 FM, UL	40
DM C21 7 140	140	5	M12	195	40 x 2.5	6,500 FM, UL	25
DM C21 7 168	168	6	M12	320	40 x 3.0	7,500 FM, UL	20
DM C21 7 219	219	8	M12	290	50 x 3.0	9,000 FM, UL	10
DM C21 7 273	273	10	M12	315	50 x 3.0	9,000 -	8

Hot Dip Galvanized and Stainless Steel option available on request.
Made in UAE.



Subject to modifications



A BIS Metal Pipe Clamps with Lining

Rubber Lined U Bolt

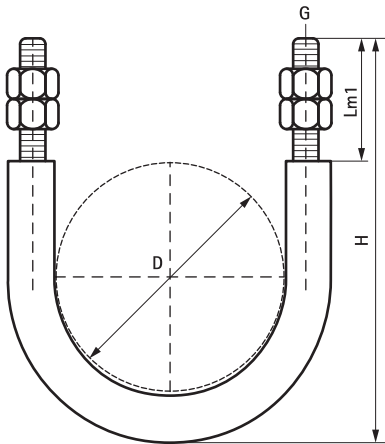


Features and benefits

- high load capacity due to one piece design
- supplied with two or four nuts
- material: steel
- electrogalvanized as per ASTM B 633 Standards (SC3)
- noise insulating lining, rubber, black
- designed to meet MSS Standard SP-58, type 24 and SP-69
- special U bolts with longer tangents and threads available on request

Part No.	D (mm)	D (")	G	H (mm)	Lm1 (mm)	Fa,z (N)	Pack 1
DM C24 4 022	21	1/2	M10	65	50	6,000	250
DM C24 4 028	27	3/4	M10	77	50	6,000	200
DM C24 4 035	34	1	M10	85	50	6,000	200
DM C24 4 042	43	1 1/4	M10	93	50	6,000	175
DM C24 4 048	48	1 1/2	M10	100	50	6,000	150
DM C24 4 060	60	2	M10	110	50	6,000	150
DM C24 4 075	76	2 1/2	M12	127	50	10,000	100
DM C24 4 090	89	3	M12	140	50	10,000	75
DM C24 4 115	115	4	M12	165	50	10,000	75
DM C24 4 140	140	5	M12	190	50	10,000	70
DM C24 4 168	168	6	M12	220	50	10,000	50
DM C24 4 219	219	8	M16	295	75	20,000	20
DM C24 4 273	273	10	M20	370	100	32,500	10
DM C24 4 324	324	12	M20	420	100	32,500	10
DM C24 4 356	356	14	M20	455	100	32,500	10
DM C24 4 406	406	16	M20	505	100	32,500	10
DM C24 4 457	457	18	M24	555	100	45,000	5
DM C24 4 508	508	20	M24	605	100	45,000	5
DM C24 4 610	610	24	M24	710	100	45,000	5

Hot Dip Galvanized option available on request.
Alternate rod sizes for different pipe sizes available on request.



Subject to modifications

Rubber Lined Two Bolt Clamp

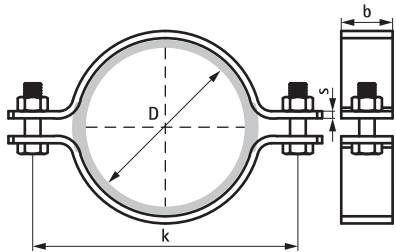


Features and benefits

- designed to act as a horizontal support for heavier pipes
- two bolt arrangement provides sturdier support
- material: steel
- electrogalvanized as per ASTM B 633 Standards (SC3)
- temperature resistance from -20 °C to +110 °C
- noise insulating lining, rubber, black
- noise reduction up to 18dB (A)
- designed to meet MSS Standard SP-58-2002, type 4 and SP-69

Part No.	D (")	Bolt	b x s (mm)	k (mm)	Fa,z (N)	Pack 1
DM C21 2 022	1/2	M10	25 x 5.0	200	1,700	60
DM C21 2 028	3/4	M10	25 x 5.0	210	1,700	60
DM C21 2 035	1	M10	25 x 5.0	230	1,700	50
DM C21 2 040	1 1/4	M10	25 x 5.0	260	1,700	50
DM C21 2 048	1 1/2	M10	25 x 5.0	260	1,700	40
DM C21 2 060	2	M10	25 x 5.0	260	1,700	35
DM C21 2 075	2 1/2	M12	25 x 6.0	290	4,000	35
DM C21 2 090	3	M12	25 x 6.0	290	4,000	30
DM C21 2 100	3 1/2	M12	25 x 6.0	300	4,000	30
DM C21 2 115	4	M12	25 x 6.0	330	4,000	25
DM C21 2 140	4	M16	40 x 6.0	350	6,000	20
DM C21 2 168	6	M16	40 x 6.0	380	6,000	15
DM C21 2 220	8	M16	40 x 9.0	470	11,000	10
DM C21 2 273	10	M16	50 x 9.0	520	12,000	5
DM C21 2 323	12	M20	50 x 12.0	580	15,000	4
DM C21 2 355	14	M20	50 x 12.0	610	15,000	4
DM C21 2 406	16	M20	60 x 16.0	660	22,000	2
DM C21 2 457	18	M20	60 x 16.0	710	22,000	2
DM C21 2 508	20	M20	60 x 16.0	760	22,000	1
DM C21 2 610	24	M20	60 x 16.0	880	22,000	1

Hot Dip Galvanized and Stainless Steel option available on request.



Subject to modifications



A BIS Metal Pipe Clamps with Lining

Rubber Lined Riser Clamp

for all pipes

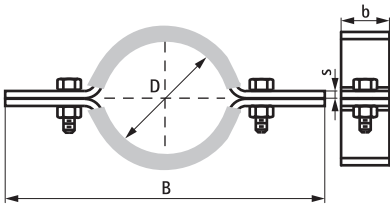


Features and benefits

- designed to act as a rigid support or guide for vertical pipes
- suitable for use with all types of pipes
- material: steel
- electrogalvanized as per ASTM B 633 Standards (SC3)
- temperature resistance from -20 °C to +110 °C
- noise insulating lining, rubber, black
- noise reduction up to 18dB (A)
- designed to meet MSS Standard SP-58-2002, type 8 and SP-69

Part No.	D (")	Bolt	B (mm)	b x s (mm)	Fa,z (N)	Pack 1
DM C11 2 022	1/2	M10	205	25 x 5.0	1,700	60
DM C11 2 028	3/4	M10	215	25 x 5.0	1,700	60
DM C11 2 035	1	M10	235	25 x 5.0	1,700	50
DM C11 2 040	1 1/4	M10	265	25 x 5.0	1,700	50
DM C11 2 048	1 1/2	M10	265	25 x 5.0	1,700	40
DM C11 2 060	2	M10	265	25 x 5.0	1,700	35
DM C11 2 075	2 1/2	M12	295	25 x 6.0	4,000	35
DM C11 2 090	3	M12	295	25 x 6.0	4,000	30
DM C11 2 100	3 1/2	M12	335	25 x 6.0	4,000	30
DM C11 2 115	4	M12	335	25 x 6.0	4,000	25
DM C11 2 140	5	M16	335	40 x 6.0	6,000	20
DM C11 2 168	6	M16	385	40 x 6.0	6,000	15
DM C11 2 220	16	M16	475	40 x 10.0	11,000	10
DM C11 2 273	10	M16	525	50 x 10.0	12,000	5
DM C11 2 323	12	M20	585	50 x 12.0	15,000	4
DM C11 2 355	14	M20	615	50 x 12.0	15,000	4
DM C11 2 406	16	M20	665	60 x 16.0	22,000	2
DM C11 2 457	18	M20	715	60 x 16.0	22,000	2
DM C11 2 508	20	M20	765	60 x 16.0	22,000	1
DM C11 2 610	24	M20	885	60 x 16.0	22,000	1

Hot Dip Galvanized and Stainless Steel option available on request.



Subject to modifications

Rubber Lined U-Strap Clamp

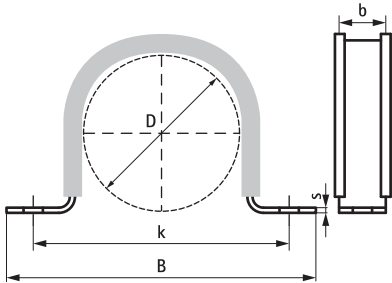


Features and benefits

- for mounting plain or insulated pipes
- material: steel
- electrogalvanized as per ASTM B 633 Standards (SC3)
- temperature resistance from -20 °C to +110 °C
- noise insulating lining, rubber, black
- noise reduction up to 18dB (A)
- designed to meet MSS Standard SP-58, type 26 and SP-69

Part No.	D (mm)	D (")	Bolt	B (mm)	b x s (mm)	k (mm)	Fa,z (N)	Pack 1
DM C18 8 022	22	1/2	M8	79	25 x 2.0	54	5,500	500
DM C18 8 028	28	3/4	M8	85	25 x 2.0	60	5,500	400
DM C18 8 035	35	1	M8	92	25 x 2.0	67	5,500	400
DM C18 8 040	42	1 1/4	M8	99	25 x 2.0	74	5,500	350
DM C18 8 048	48	1 1/2	M8	105	25 x 2.0	80	5,500	300
DM C18 8 054	54	-	M8	111	25 x 2.0	86	5,500	250
DM C18 8 060	2	2	M8	117	25 x 2.0	92	5,500	200
DM C18 8 067	67	-	M8	124	25 x 2.0	99	5,500	200
DM C18 8 075	75	2 1/2	M8	148	25 x 3.0	116	6,500	150
DM C18 8 082	82	-	M8	155	25 x 3.0	123	6,500	150
DM C18 8 090	90	3	M8	163	25 x 3.0	131	6,500	150
DM C18 8 100	100	3 1/2	M8	173	25 x 3.0	141	6,500	150
DM C18 8 108	108	-	M8	181	25 x 3.0	149	6,500	125
DM C18 8 115	115	4	M8	188	25 x 3.0	156	6,500	125
DM C18 8 126	126	-	M10	199	25 x 3.0	167	6,500	125
DM C18 8 140	140	5	M10	213	25 x 3.0	181	6,500	100
DM C18 8 148	148	-	M10	221	25 x 3.0	189	6,500	100
DM C18 8 155	155	-	M10	228	25 x 3.0	196	6,500	100
DM C18 8 168	168	6	M10	240	25 x 3.0	208	6,500	100
DM C18 8 179	179	-	M10	252	25 x 3.0	220	6,500	100
DM C18 8 190	190	-	M10	263	38 x 3.0	231	9,000	50
DM C18 8 205	205	-	M10	278	38 x 3.0	246	9,000	50
DM C18 8 219	219	8	M10	292	38 x 3.0	260	9,000	50
DM C18 8 230	230	-	M10	303	38 x 3.0	271	9,000	30

Other dimensions on request.
Hot Dip Galvanized and Stainless Steel option available on request.



Subject to modifications



A BIS Metal Pipe Clamps with Lining

Rubber Lined U-Strap Clamp

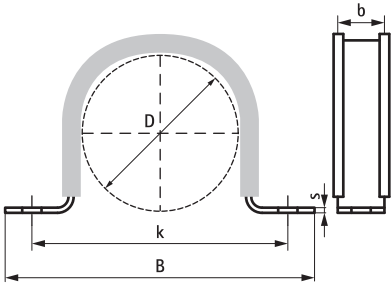


Features and benefits

- for mounting plain or insulated pipes
- material: steel
- electrogalvanized as per ASTM B 633 Standards (SC3)
- temperature resistance from -20 °C to +110 °C
- noise insulating lining, rubber, black
- noise reduction up to 18dB (A)
- designed to meet MSS Standard SP-58, type 26 and SP-69

Part No.	D (mm)	D (")	Bolt	B (mm)	b x s (mm)	k (mm)	Fa,z (N)	Pack 1
DM C18 8 241	241	-	M12	335	38 x 4.0	294	13,500	35
DM C18 8 263	263	-	M12	357	38 x 4.0	316	13,500	35
DM C18 8 273	273	10	M18	367	38 x 4.0	326	13,500	35
DM C18 8 295	295	-	M18	389	38 x 4.0	348	13,500	30
DM C18 8 323	323	12	M18	417	38 x 4.0	376	13,500	30
DM C18 8 356	356	14	M18	450	50 x 4.0	409	19,000	10
DM C18 8 374	374	-	M18	468	50 x 4.0	427	19,000	15
DM C18 8 406	406	16	M18	500	50 x 4.0	459	19,000	15
DM C18 8 432	432	-	M18	526	50 x 4.0	485	19,000	15
DM C18 8 456	456	18	M18	550	50 x 4.0	509	19,000	10
DM C18 8 482	482	-	M18	576	50 x 4.0	535	19,000	10
DM C18 8 508	508	20	M18	602	50 x 4.0	561	19,000	10
DM C18 8 533	533	-	M18	627	50 x 4.0	586	19,000	10
DM C18 8 559	559	-	M18	653	50 x 4.0	612	19,000	10
DM C18 8 583	583	-	M18	677	50 x 4.0	636	19,000	10
DM C18 8 610	610	24	M18	704	60 x 4.0	663	19,000	10
DM C18 8 658	658	-	M18	769	50 x 6.0	721	24,000	5
DM C18 8 690	690	-	M18	801	50 x 6.0	753	24,000	5
DM C18 8 760	760	-	M18	870	50 x 6.0	823	24,000	5
DM C18 8 863	863	-	M18	974	50 x 6.0	926	24,000	5
DM C18 8 918	918	-	M18	1,029	50 x 6.0	981	24,000	5

Other dimensions on request.
Hot Dip Galvanized and Stainless Steel option available on request.



Subject to modifications