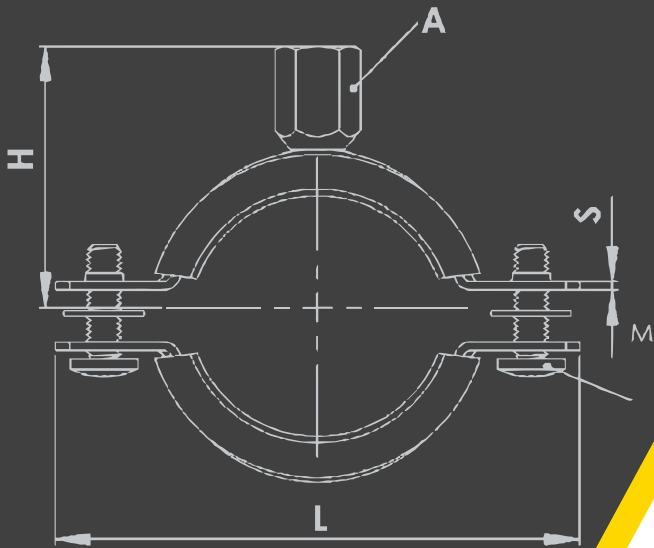
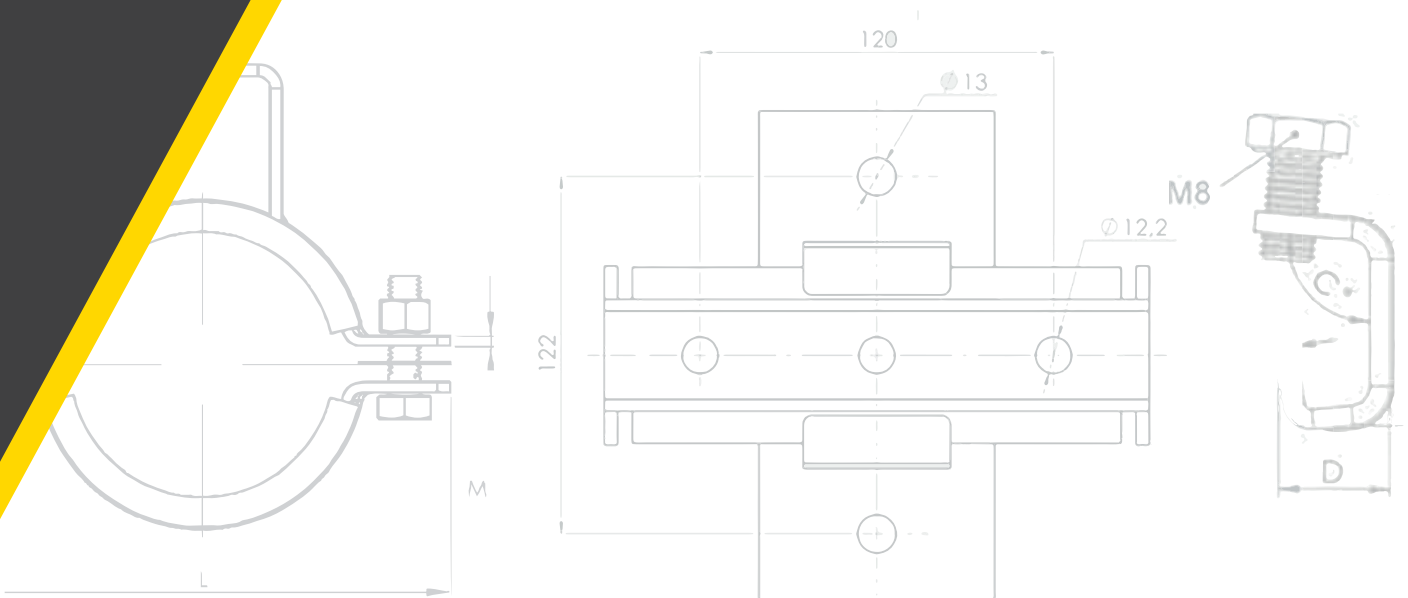


AMT

Advanced Metal Technologies



FIXING SYSTEMS PRODUCT CATALOG



OUR PRODUCT RANGES

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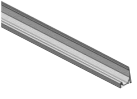






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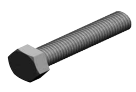






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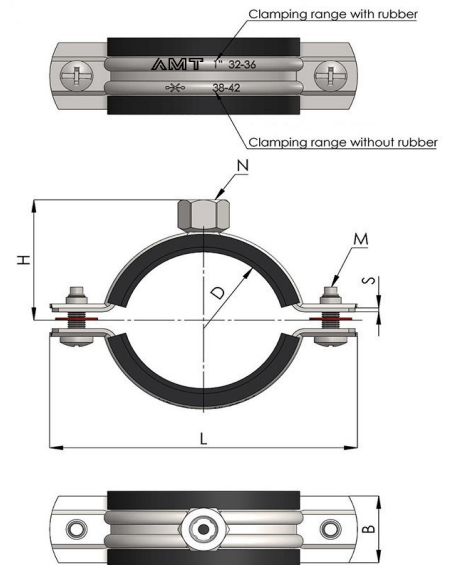
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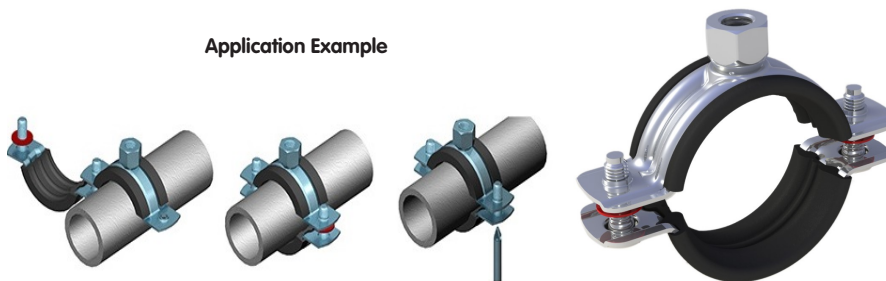
Pipe Clamp With Std. Nut

(With Rubber Profile)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resistency between -30 ~ +110 Celcius Degree
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Application Example



Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	3.90	1.30
1 1/4" - 2"	4.80	1.60
67 - 4"	6.90	2.30
122 - 8"	7.80	2.60

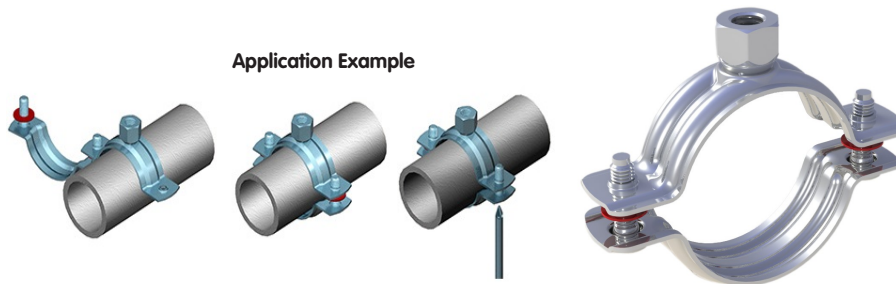
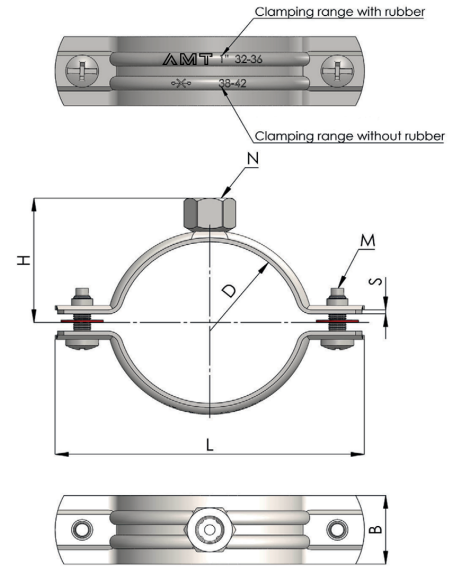
Code No	Size (Inch)	Clamping Range (mm)	L	H	M	S x B	A	Quantity / Box	Weight / Box
			mm	mm		mm		Pcs	Kg
AMT-SC-006	1/8"	9-12	52.1	22.5	M5	1.0 x 20	M8	300	10.99
AMT-SC-008	1/4"	13-20	54.5	24	M5	1.0 x 20	M8	250	9.47
AMT-SC-010	3/8"	17-23	58.5	26	M5	1.0 x 20	M8	250	10.35
AMT-SC-015	1/2"	21-26	62.5	28	M5	1.0 x 20	M8	200	8.56
AMT-SC-020	3/4"	26-30	68.5	31	M5	1.0 x 20	M8	150	7.2
AMT-SC-025	1"	33-37	76	34.5	M5	1.0 x 20	M8	150	8.02
AMT-SC-032	1 1/4"	40-46	91.5	39	M6	1.2 x 20	M8	100	6.68
AMT-SC-040	1 1/2"	48-53	99	42.5	M6	1.2 x 20	M8	75	5.6
AMT-SC-047	53-59	53-59	105	45.5	M6	1.2 x 20	M8	75	5.9
AMT-SC-050	2"	60-66	112	49	M6	1.2 x 20	M8	50	4.3
AMT-SC-060	67-77	67-77	126	56	M6	1.5 x 25	M10	40	5.7
AMT-SC-065	2 1/2"	75-84	134	60	M6	1.5 x 25	M10	40	6.05
AMT-SC-075	83-93	83-93	142	64	M6	1.5 x 25	M10	40	6.5
AMT-SC-080	3"	87-96	145	65.5	M6	1.5 x 25	M10	40	6.61
AMT-SC-085	94-104	94-104	153	69.5	M6	1.5 x 25	M10	30	5.3
AMT-SC-095	102-111	102-111	161	73.5	M6	1.5 x 25	M10	40	7.5
AMT-SC-100	4"	109-119	170	78	M6	1.5 x 25	M10	30	5.9
AMT-SC-110	122-135	122-135	184	84.5	M6	2.0 x 25	M10	30	7.8
AMT-SC-120	128-139	128-139	190	87.5	M6	2.0 x 25	M10	30	7.9
AMT-SC-125	5"	135-148	197	91	M6	2.0 x 25	M10	25	7
AMT-SC-140	151-164	151-164	213	99	M6	2.0 x 25	M10	25	7.6
AMT-SC-150	6"	158-170	222	103.5	M6	2.0 x 25	M10	20	6.3
AMT-SC-180	194-205	194-205	257	121	M6	2.0 x 25	M10	15	5.65
AMT-SC-200	8"	214-224	272	130	M6	2.0 x 25	M10	15	6

SCU

Pipe Clamp With Std. Nut

(Without Rubber Profile)

- Used for mounting of steel, Cast Iron, PVC, PP, and Copper Pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



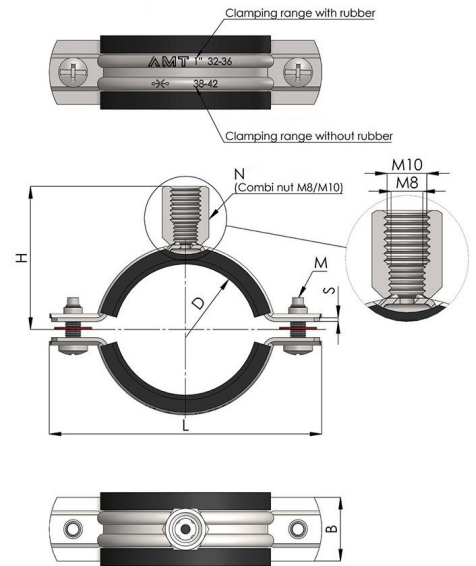
Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
3/8" - 1 1/4"	3.90	1.30
1 1/2" - 67	4.80	1.60
2 1/2" - 116	6.90	2.30
129 - 8"	7.80	2.60

Code No	Size (Inch)	Clamping Range (mm)	L	H	M	S x B	N	Quantity / Box	Weight / Box
			mm	mm		mm			
AMT-SCU-010	3/8"	15-20	52	22.5	M6	1.0 x 20	M8	300	9.06
AMT-SCU-015	1/2"	19-23	54.5	24	M6	1.0 x 20	M8	250	7.87
AMT-SCU-017	23-28	23-28	58.5	26	M6	1.0 x 20	M8	150	5.12
AMT-SCU-020	3/4"	26-30	62.5	28	M6	1.0 x 20	M8	200	7.05
AMT-SCU-025	1"	32-35	68.5	31	M6	1.0 x 20	M8	200	7.57
AMT-SCU-032	1 1/4"	39-43	76	34.5	M6	1.0 x 20	M8	150	6.28
AMT-SCU-040	1 1/2"	45-51	91.5	39	M6	1.2 x 20	M8	100	5.32
AMT-SCU-047	54-58	54-58	99	42.5	M6	1.2 x 20	M8	100	5.77
AMT-SCU-050	2"	60-65	105	45.5	M6	1.2 x 20	M8	100	6.11
AMT-SCU-060	67-71	67-71	112	49	M6	1.2 x 20	M8	75	5.07
AMT-SCU-065	2 1/2"	74-82	126	56	M6	1.5 x 25	M10	50	6.04
AMT-SCU-075	82-89	82-89	134	60	M6	1.5 x 25	M10	50	6.40
AMT-SCU-080	3"	91-98	142	64	M6	1.5 x 25	M10	50	6.77
AMT-SCU-085	93-101	93-101	145	65.5	M6	1.5 x 25	M10	50	7.08
AMT-SCU-095	102-109	102-109	153	69.5	M6	1.5 x 25	M10	50	7.45
AMT-SCU-100	4"	109-117	161	73.5	M6	1.5 x 25	M10	50	7.64
AMT-SCU-110	116-125	116-125	170	78	M6	1.5 x 25	M10	50	8.06
AMT-SCU-120	129-141	129-141	184	84.5	M6	2.0 x 25	M10	50	10.91
AMT-SCU-125	5"	136-146	190	87.5	M6	2.0 x 25	M10	40	9.08
AMT-SCU-145	142-154	142-154	197	91	M6	2.0 x 25	M10	25	5.99
AMT-SCU-150	6"	158-169	213	99	M6	2.0 x 25	M10	30	7.66
AMT-SCU-180	166-177	166-177	222	103.5	M6	2.0 x 25	M10	20	5.45
AMT-SCU-190	201-212	201-212	257	121	M6	2.0 x 25	M10	15	4.79
AMT-SCU-200	8"	219-229	272	130	M6	2.0 x 25	M10	15	5.00

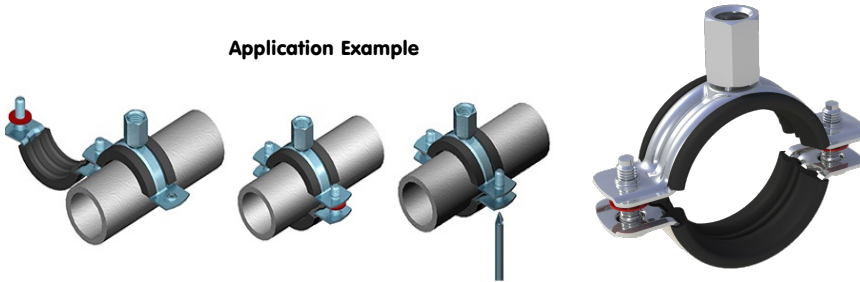
Pipe Clamp With Combi Nut

(With Rubber Profile - M8 / M10)

- Used for mounting of Cast Iron, PVC, PP, and Copper Pipes to walls and floors (horizontally / vertically)
- Hanging type is M8 / M10 combi nut
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resistancy between -30 ~ +110 Celcius Degree
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Application Example



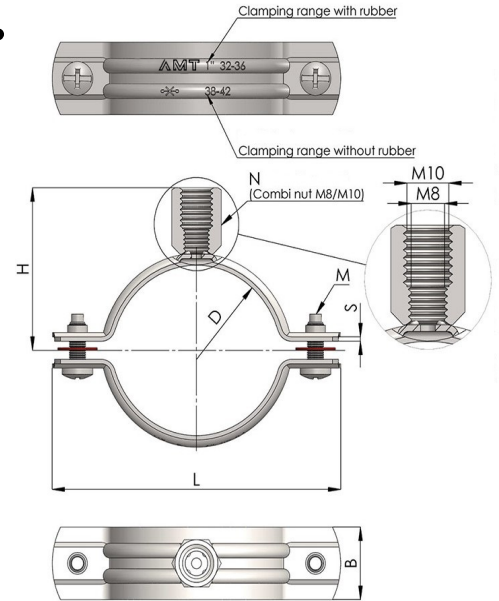
Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	3.90	1.30
1 1/4" - 2"	4.80	1.60
67 - 4"	6.90	2.30
122 - 8"	7.80	2.60

Code No	Size (Inch)	Clamping Range (mm)	L	H	M	S x B	N	Quantity / Box	Weight / Box
			mm	mm	mm	mm			
AMT-CC-006	1/8"	9-12	52.1	22.5	M6	1.0 x 20	M8 / M10	250	10.27
AMT-CC-008	1/4"	13-20	54.5	24	M6	1.0 x 20	M8 / M10	250	10.58
AMT-CC-010	3/8"	17-23	58.5	26	M6	1.0 x 20	M8 / M10	250	11.22
AMT-CC-015	1/2"	21-26	62.5	28	M6	1.0 x 20	M8 / M10	200	9.5
AMT-CC-020	3/4"	26-30	68.5	31	M6	1.0 x 20	M8 / M10	150	7.87
AMT-CC-025	1"	33-37	76	34.5	M6	1.0 x 20	M8 / M10	150	8.65
AMT-CC-032	1 1/4"	40-46	91.5	39	M6	1.2 x 20	M8 / M10	100	7.03
AMT-CC-040	1 1/2"	48-53	99	42.5	M6	1.2 x 20	M8 / M10	75	5.82
AMT-CC-047	53-59	53-59	105	45.5	M6	1.2 x 20	M8 / M10	75	6.39
AMT-CC-050	2"	60-66	112	49	M6	1.2 x 20	M8 / M10	50	4.46
AMT-CC-060	67-77	67-77	126	56	M6	1.5 x 25	M8 / M10	40	5.71
AMT-CC-065	2 1/2"	75-84	134	60	M6	1.5 x 25	M8 / M10	40	5.85
AMT-CC-075	83-93	83-93	142	64	M6	1.5 x 25	M8 / M10	40	6.43
AMT-CC-080	3"	87-96	145	65.5	M6	1.5 x 25	M8 / M10	40	6.6
AMT-CC-085	94-104	94-104	153	69.5	M6	1.5 x 25	M8 / M10	30	7.06
AMT-CC-095	102-111	102-111	161	73.5	M6	1.5 x 25	M8 / M10	40	7.82
AMT-CC-100	4"	109-119	170	78	M6	1.5 x 25	M8 / M10	40	7.70
AMT-CC-110	122-135	122-135	184	84.5	M6	2.0 x 25	M8 / M10	30	8.30
AMT-CC-120	128-139	128-139	190	87.5	M6	2.0 x 25	M8 / M10	30	8.52
AMT-CC-125	5"	135-148	197	91	M6	2.0 x 25	M8 / M10	30	8.26
AMT-CC-145	151-164	151-164	213	99	M6	2.0 x 25	M8 / M10	25	8.04
AMT-CC-150	6"	158-170	222	103.5	M6	2.0 x 25	M8 / M10	25	7.73
AMT-CC-180	194-205	194-205	257	121	M6	2.0 x 25	M8 / M10	15	5.5
AMT-CC-200	8"	214-224	272	130	M6	2.0 x 25	M8 / M10	15	5.94

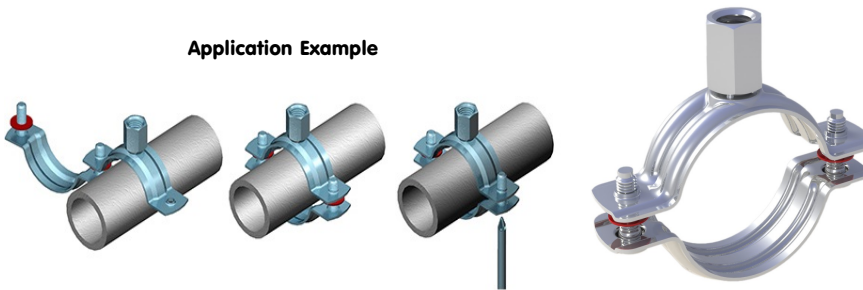
Pipe Clamp With Combi Nut

(Without Rubber Profile - M8 / M10)

- Used for mounting of steel, Cast Iron, PVC, PP, and Copper Pipes to walls, ceilings and floors (horizontally / vertically)
- Hanging type is M8 / M10 combi nut
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Application Example



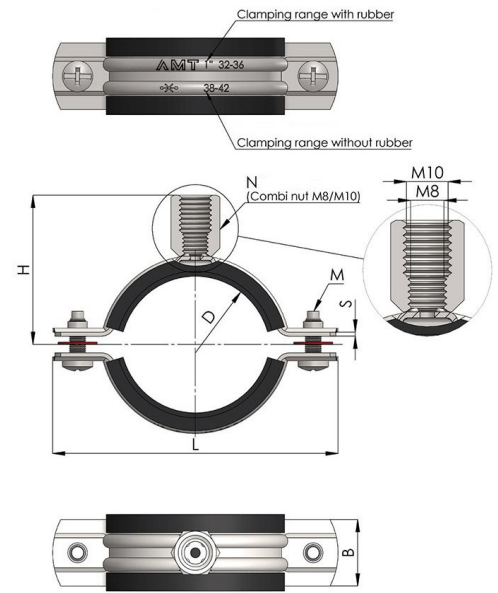
Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
3/8" - 1 1/4"	3.90	1.30
1 1/2" - 67/71	4.80	1.60
2 1/2" - 116/125	6.90	2.30
129/141 - 8"	7.80	2.60

Code No	Size (Inch)	Clamping Range (mm)	L	H	M	S x B	N	Quantity / Box	Weight / Box
			mm	mm		mm			
AMT-CCU-010	3/8"	15-20	52	22.5	M6	1.0 x 20	M8 / M10	300	11.16
AMT-CCU-015	1/2"	19-23	54.5	24	M6	1.0 x 20	M8 / M10	250	8.94
AMT-CCU-017	23-28	23-28	58.5	26	M6	1.0 x 20	M8 / M10	150	6.76
AMT-CCU-020	3/4"	26-30	62.5	28	M6	1.0 x 20	M8 / M10	200	7.91
AMT-CCU-025	1"	32-35	68.5	31	M6	1.0 x 20	M8 / M10	200	8.43
AMT-CCU-032	1 1/4"	39-43	76	34.5	M6	1.0 x 20	M8 / M10	150	6.92
AMT-CCU-040	1 1/2"	45-51	91.5	39	M6	1.2 x 20	M8 / M10	100	5.75
AMT-CCU-047	54-58	54-58	99	42.5	M6	1.2 x 20	M8 / M10	100	6.2
AMT-CCU-050	2"	60-65	105	45.5	M6	1.2 x 20	M8 / M10	100	6.54
AMT-CCU-060	67-71	67-71	112	49	M6	1.2 x 20	M8 / M10	50	3.59
AMT-CCU-065	2 1/2"	74-82	126	56	M6	1.5 x 25	M8 / M10	50	5.86
AMT-CCU-075	82-89	82-89	134	60	M6	1.5 x 25	M8 / M10	50	6.22
AMT-CCU-080	3"	91-98	142	64	M6	1.5 x 25	M8 / M10	50	6.59
AMT-CCU-085	93-101	93-101	145	65.5	M6	1.5 x 25	M8 / M10	50	7.08
AMT-CCU-095	102-109	102-109	153	69.5	M6	1.5 x 25	M8 / M10	30	4.14
AMT-CCU-100	4"	109-117	161	73.5	M6	1.5 x 25	M8 / M10	50	7.46
AMT-CCU-110	116-125	116-125	170	78	M6	1.5 x 25	M8 / M10	50	7.88
AMT-CCU-120	129-141	129-141	184	84.5	M6	2.0 x 25	M8 / M10	50	10.73
AMT-CCU-125	5"	136-146	190	87.5	M6	2.0 x 25	M8 / M10	40	8.94
AMT-CCU-145	142-154	142-154	197	91	M6	2.0 x 25	M8 / M10	25	5.90
AMT-CCU-150	6"	158-169	213	99	M6	2.0 x 25	M8 / M10	30	7.55
AMT-CCU-180	166-177	166-177	222	103.5	M6	2.0 x 25	M8 / M10	20	5.37
AMT-CCU-190	201-212	201-212	257	121	M6	2.0 x 25	M8 / M10	15	4.73
AMT-CCU-200	8"	219-229	272	130	M6	2.0 x 25	M8 / M10	15	4.95

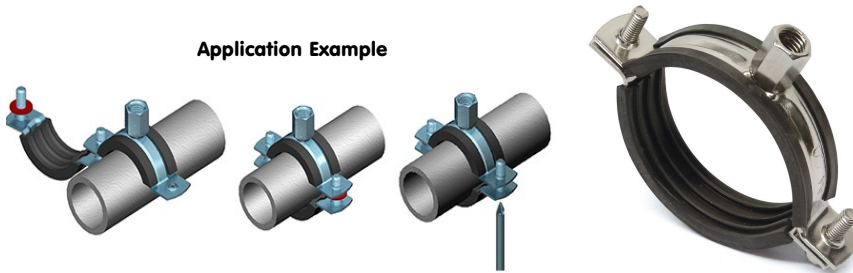
Stainless Steel Pipe Clamp

(With Rubber Profile - M8 / M10)

- Used for mounting of steel, Cast Iron, PVC, PP, and Copper Pipes to walls, ceilings and floors (horizontally / vertically)
- Hanging type is M8 / M10 combi nut
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resanticy between -30 ~ +110 Celcius Degree
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers
- Material: DIN 1, 4301 A2 Stainless Steel



Application Example



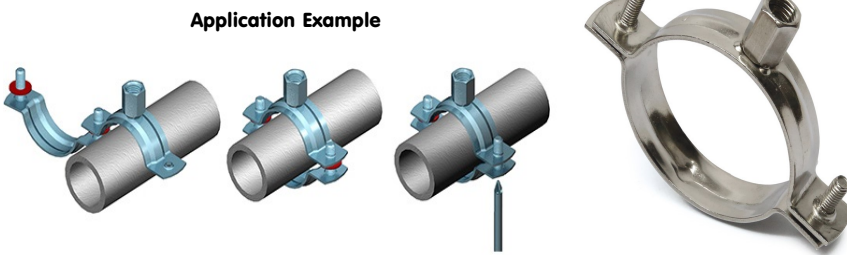
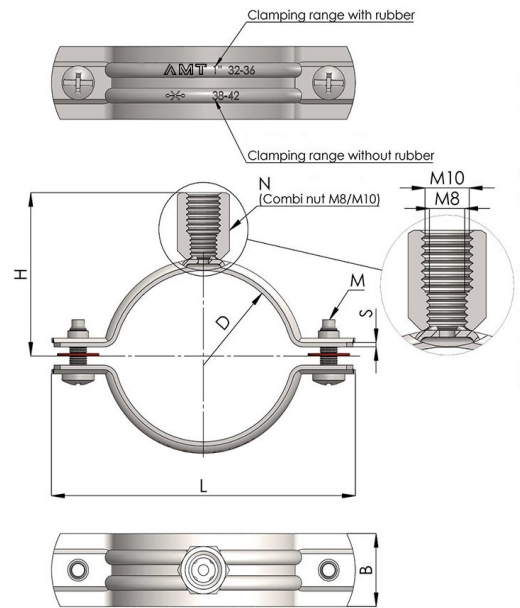
Size	Breaking Laod	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	6.6	2.2
1 1/4" - 2"	7.6	2.7
67 - 108	11.7	3.9
4" - 8"	13.2	4.4

Code No	Size (Inch)	Clamping Range (mm)	L	H	M	S x B	N	Quantity / Box	Weight / Box
			mm	mm		mm			Kg
AMT-SS-008	1/4"	11-15	54.5	24	M5	1.5x20	M8 / M10	200	9.1
AMT-SS-010	3/8"	16-20	58.5	26	M5	1.5x20	M8 / M10	200	9.9
AMT-SS-015	1/2"	20-24	62.5	28	M5	1.5x20	M8 / M10	150	8
AMT-SS-020	3/4"	25-30	68.5	31	M5	1.5x20	M8 / M10	100	6
AMT-SS-025	1"	32-37	76	34.5	M5	1.5x20	M8 / M10	100	6.68
AMT-SS-032	1 1/4"	39-46	91.5	39	M6	1.5x20	M8 / M10	100	8.1
AMT-SS-040	1 1/2"	48-53	99	42.5	M6	1.5x20	M8 / M10	75	6.8
AMT-SS-047	54-58	54-58	105	45.5	M6	1.5x20	M8 / M10	75	7
AMT-SS-050	2"	59-66	112	49	M6	1.5x20	M8 / M10	50	5.3
AMT-SS-060	67-73	67-73	125	53.5	M6	2x25	M8 / M10	30	5.4
AMT-SS-065	2 1/2"	74-80	134	58	M6	2x25	M8 / M10	30	5.98
AMT-SS-075	80-87	80-87	141	61	M6	2x25	M8 / M10	30	6.3
AMT-SS-080	3"	87-94	146.5	63.5	M6	2x25	M8 / M10	30	6.54
AMT-SS-085	93-100	93-100	151	65.5	M6	2x25	M8 / M10	30	6.9
AMT-SS-095	99-108	99-108	159.5	69	M6	2x25	M8 / M10	30	7.2
AMT-SS-100	4"	108-116	173	72	M6	2.5x25	M8 / M10	30	8.85
AMT-SS-110	120-129	120-129	184	77.5	M6	2.5x25	M8 / M10	30	9.4
AMT-SS-120	129-134	129-134	192	82	M6	2.5x25	M8 / M10	30	9.8
AMT-SS-125	5"	135-143	199	90	M6	2.5x25	M8 / M10	25	9
AMT-SS-140	149-161	149-161	215	96.5	M6	2.5x25	M8 / M10	25	9.5
AMT-SS-150	6"	162-170	227	102	M6	2.5x25	M8 / M10	20	8.19
AMT-SS-180	198-207	198-207	260	115.5	M6	2.5x25	M8 / M10	15	7.07
AMT-SS-200	8"	207-219	277	130	M6	2.5x25	M8 / M10	15	7.4

Stainless Steel Pipe Clamp

(Without Rubber Profile - M8 / M10)

- Used for mounting of steel, Cast Iron, PVC, PP, and Copper Pipes to walls, ceilings and floors (horizontally / vertically)
- Hanging type is M8 / M10 combi nut
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers
- Material: DIN 1, 4301 A2 Stainless Steel



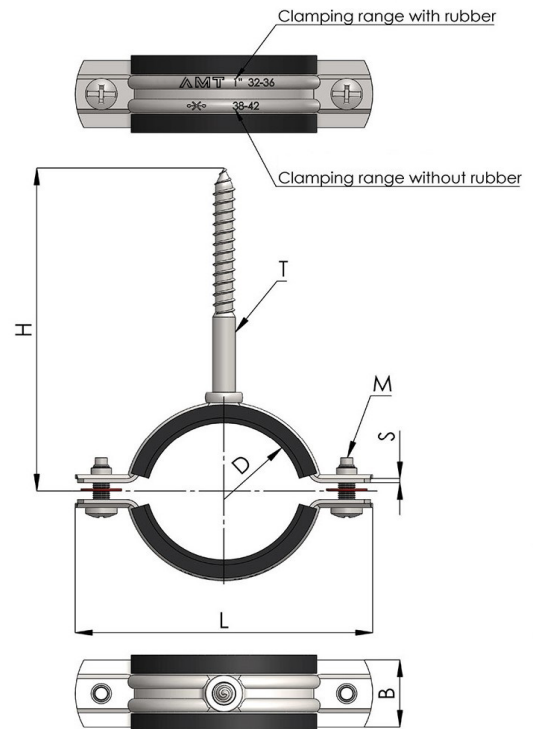
Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	6.6	2.2
1 1/4" - 2"	7.6	2.7
67 - 108	11.7	3.9
4" - 8"	13.2	4.4

Code No	Size (Inch)	Clamping Range (mm)	L	H	M	S x B	N	Quantity / Box	Weight / Box
			mm	mm		mm			
AMT-SSU-015	1/2"	18-23	54.5	24	M5	1.5x20	M8 / M10	150	6.47
AMT-SSU-017	24-26	24-26	58.5	26	M5	1.5x20	M8 / M10	150	6.68
AMT-SSU-020	3/4"	25-30	62.5	28	M5	1.5x20	M8 / M10	150	6.89
AMT-SSU-025	1"	32-37	68.5	31	M5	1.5x20	M8 / M10	100	5.09
AMT-SSU-032	1 1/4"	39-46	76	34.5	M6	1.5x20	M8 / M10	100	5.52
AMT-SSU-040	1 1/2"	48-53	91.5	39	M6	1.5x20	M8 / M10	75	4.99
AMT-SSU-050	2"	59-66	105	45.5	M6	1.5x20	M8 / M10	50	3.70
AMT-SSU-060	62-68	62-68	112	49	M6	1.5x20	M8 / M10	50	3.78
AMT-SSU-065	2 1/2"	74-80	125	53.5	M6	2x25	M8 / M10	30	4.20
AMT-SSU-075	80-87	80-87	134	58	M6	2x25	M8 / M10	30	5.00
AMT-SSU-080	3"	87-94	141	61	M6	2x25	M8 / M10	30	5.20
AMT-SSU-085	93-100	93-100	146.5	65.5	M6	2x25	M8 / M10	30	5.40
AMT-SSU-095	99-108	99-108	151	65.5	M6	2x25	M8 / M10	30	5.60
AMT-SSU-100	4"	108-116	159.5	69	M6	2.5x25	M8 / M10	30	5.90
AMT-SSU-110	120-129	120-129	173	72	M6	2.5x25	M8 / M10	30	7.40
AMT-SSU-120	129-134	129-134	184	77.5	M6	2.5x25	M8 / M10	30	8.00
AMT-SSU-125	5"	135-143	192	82	M6	2.5x25	M8 / M10	25	6.80
AMT-SSU-140	149-161	149-161	199.5	90	M6	2.5x25	M8 / M10	25	7.40
AMT-SSU-150	6"	162-170	215	96.5	M6	2.5x25	M8 / M10	20	6.20
AMT-SSU-180	172-180	172-180	227	102.5	M6	2.5x25	M8 / M10	20	6.80
AMT-SSU-190	208-212	208-212	260	115.5	M6	2.5x25	M8 / M10	15	5.80
AMT-SSU-220	225-232	225-232	277	130	M6	2.5x25	M8 / M10	15	6.10

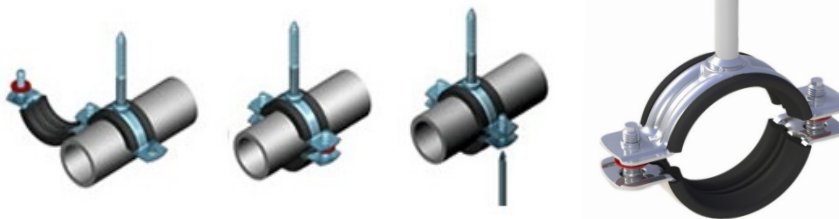
Pipe Clamp With Rubber

(Welded Wood Screw - Standard)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resistency between -30 ~ +110 Celcius Degree
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washer



Application Example



Size	Breaking Loadd	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	3.90	1.30
1 1/4" - 2"	4.80	1.60
67 - 2 1/2"	6.90	2.30

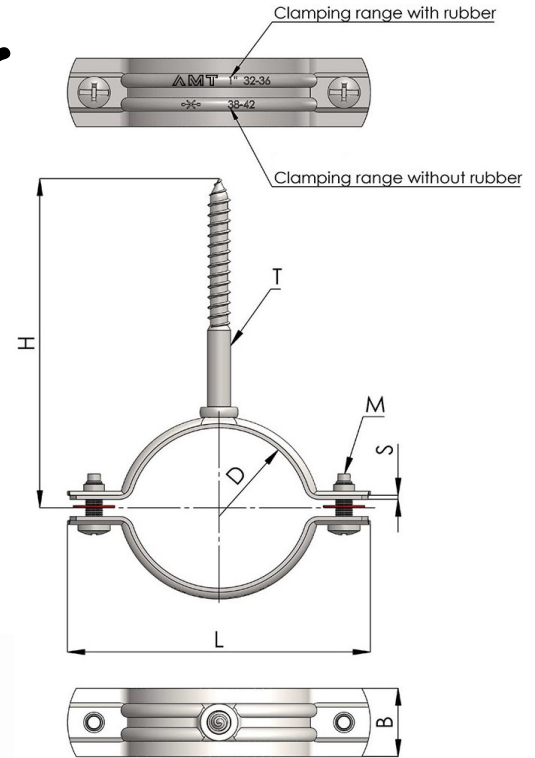
Code No	Size (Inch)	Clamping Range (mm)	L	H	M	s x B	A	Quantity / Box	Weight / Box
			mm	mm		mm			Kg
AMT-TC-006	1/8"	8-11	50.5	73.5	M5	1.0x20		100	4.65
AMT-TC-008	1/4"	11-15	54.5	76.0	M5	1.0x20		100	5.1
AMT-TC-010	3/8"	16-20	58.5	78.0	M5	1.0x20		100	5.55
AMT-TC-015	1/2"	20-24	62.5	80.0	M5	1.0x20		100	6
AMT-TC-020	3/4"	25-28	68.5	83.0	M5	1.0x20		100	6.56
AMT-TC-025	1"	32-35	76	86.5	M5	1.0x20		75	5.41
AMT-TC-032	1 1/4"	39-46	91.5	91.0	M5	1.2x20		50	4.3
AMT-TC-040	1 1/2"	48-53	99	91.5	M5	1.2x20		50	4.97
AMT-TC-047	53-59	53-59	105	105.5	M5	1.2x20	Wood Screw ø 7	50	4.46
AMT-TC-050	2"	60-66	112	101.5	M6	1.5x20		50	5.76
AMT-TC-055	67-77	67-77	125	106.5	M6	1.5x25		50	9.96
AMT-TC-065	2 1/2"	74-80	134	110.5	M6	1.5x25		50	10.79
AMT-TC-075	83-93	83-93	142	122.5	M6	1.5x25		50	9.96
AMT-TC-080	3"	87-96	145	123.5	M6	1.5x25		20	3.37
AMT-TC-085	94-104	94-104	153	127.5	M6	1.5x25		20	3.93
AMT-TC-095	102-111	102-111	161	131.5	M6	1.5x25		15	2.94
AMT-TC-100	109-119	109-119	170	136.0	M6	1.5x25		15	3.05
AMT-TC-110	122-135	122-135	184	142.5	M6	2.0x25		15	3.94

TCU

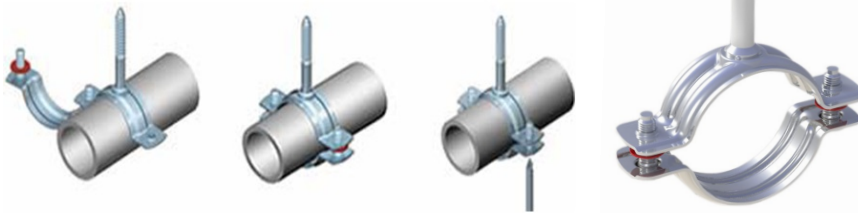
Pipe Clamp Without Rubber

(Welded Wood Screw - Standard)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Application Example



Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	3.90	1.30
1 1/4" - 2"	4.80	1.60
67 - 2 1/2"	6.90	2.30

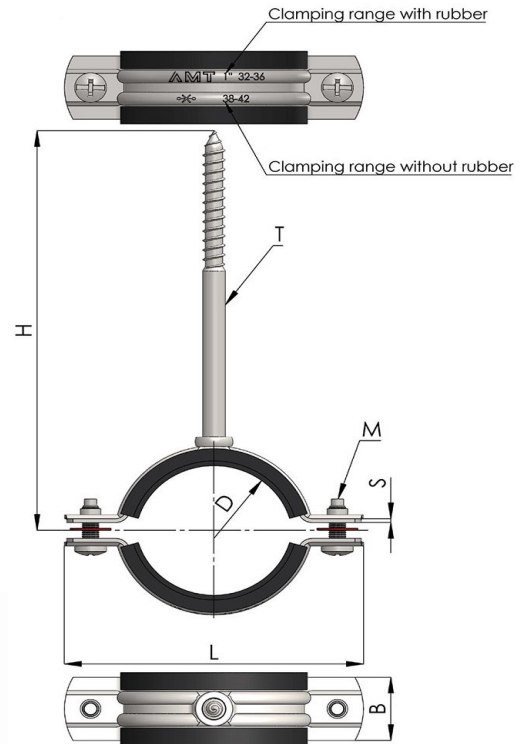
Code No	Size (Inch)	Clamping Range (mm)	L	H	M	s x B	A	Quantity / Box	Weight / Box
			mm	mm		mm			Kg
AMT-TCU-010	3/8"	15-20	52.0	82.5	M5	1.0x20	ø7 Wood Screw	200	6.75
AMT-TCU-015	1/2"	19-23	54.5	84.0	M5	1.0x20		200	7.77
AMT-TCU-017	23-28	23-28	58.5	86.0	M5	1.0x20		100	4.20
AMT-TCU-020	3/4"	26-30	62.5	88.0	M5	1.0x20		150	6.42
AMT-TCU-025	1"	32-35	68.5	91.0	M5	1.0x20		150	6.81
AMT-TCU-032	1 1/4"	39-43	76	94.5	M5	1.0x20		150	7.34
AMT-TCU-040	1 1/2"	45-51	91.5	99.0	M5	1.2x20		100	6.03
AMT-TCU-047	54-58	54-58	99	102.5	M5	1.2x20		75	4.93
AMT-TCU-050	2"	60-65	105	105.5	M5	1.2x20		75	5.18
AMT-TCU-060	67-71	67-71	112	109.0	M6	1.5x20		50	3.73
AMT-TCU-065	2 1/2"	74-82	126	114.0	M6	1.5x25		75	8.86
AMT-TCU-075	82-89	82-89	134	118.0	M6	1.5x25		50	6.36
AMT-TCU-080	3"	91-98	142	122.0	M6	1.5x25	50	6.73	
AMT-TCU-085	93-101	93-101	145	123.5	M6	1.5x25	40	5.54	
AMT-TCU-095	102-109	102-109	153	127.5	M6	1.5x25	15	2.34	
AMT-TCU-100	4"	109-117	161	131.5	M6	1.5x25	25	2.47	
AMT-TCU-110	116-125	116-125	170	136.0	M6	1.5x25	15	3.11	
AMT-TCU-120	129-141	129-141	184	142.5	M6	2.0x25	15	3.37	

LTC

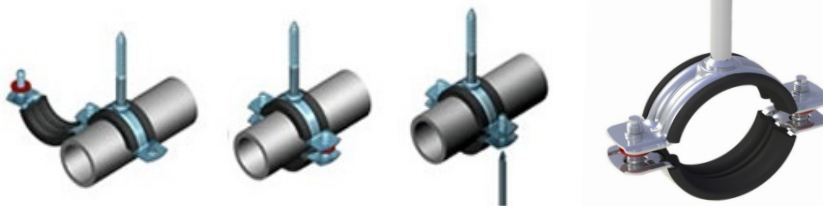
Pipe Clamp With Rubber

(Welded Wood Screw - Long)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resistancy between -30 ~ +110 Celcius Degree
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Application Example



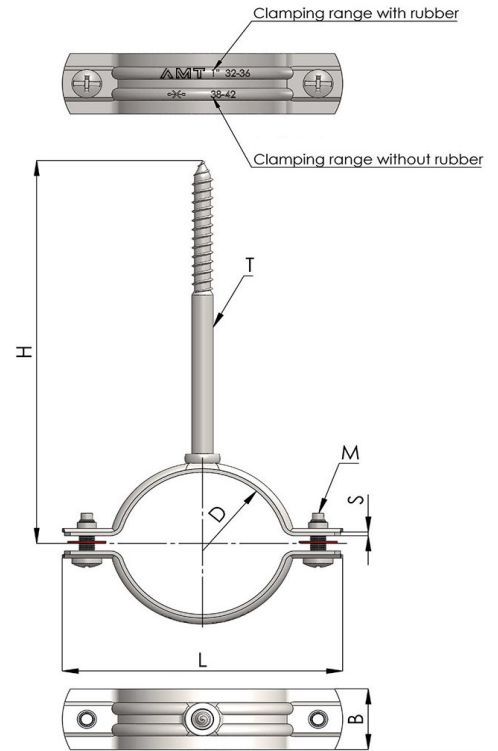
Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	3.90	1.30
1 1/4" - 2"	4.80	1.60
67-77 - 2 1/2"	6.90	2.30
122-135	7.80	2.60

Code No	Size (Inch)	Clamping Range (mm)	L	H	M	s x B	A	Quantity / Box	Weight / Box
			mm	mm		mm			Kg
AMT-LTC-006	1/8"	9-12	52.1	114.0	M5	1.0x20		150	7.80
AMT-LTC-008	1/4"	13-20	54.5	114.0	M5	1.0x20		150	7.71
AMT-LTC-010	3/8"	17-23	58.5	116.0	M5	1.0x20		150	8.17
AMT-LTC-015	1/2"	21-26	62.5	118.0	M5	1.0x20		150	8.65
AMT-LTC-020	3/4"	26-30	68.5	121.0	M5	1.0x20		100	6.40
AMT-LTC-025	1"	33-37	76.0	124.5	M5	1.0x20		75	5.21
AMT-LTC-032	1 1/4"	40-46	91.5	129.0	M5	1.2x20		50	4.15
AMT-LTC-040	1 1/2"	48-53	99	132.5	M5	1.2x20		50	4.58
AMT-LTC-047	53-59	53-59	105	135.5	M5	1.2x20	ø7x100 Wood Screw	50	4.96
AMT-LTC-050	2"	60-66	112	139.0	M6	1.5x20		40	4.10
AMT-LTC-055	67-77	67-77	126	144.0	M6	1.5x25		25	4.10
AMT-LTC-065	2 1/2"	75-84	134	148.0	M6	1.5x25		20	3.28
AMT-LTC-075	83-93	83-93	142	152.0	M6	1.5x25		20	3.77
AMT-LTC-080	3"	87-96	145	153.5	M6	1.5x25		20	3.60
AMT-LTC-085	94-104	94-104	153	157.5	M6	1.5x25		20	4.06
AMT-LTC-095	102-111	102-111	161	161.5	M6	1.5x25		15	3.28
AMT-LTC-100	109-119	109-119	170	166.0	M6	1.5x25		15	3.15
AMT-LTC-110	122-135	122-135	184	172.5	M6	2.0x25		15	4.09

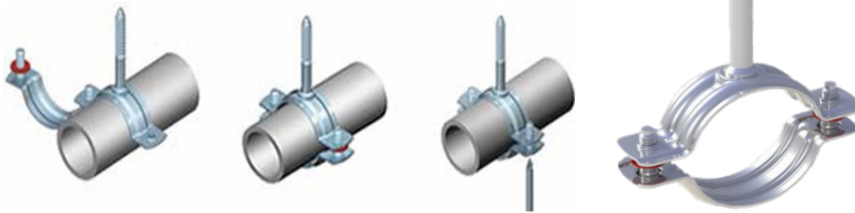
Pipe Clamp Without Rubber

(Welded Wood Screw - Long)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Application Example



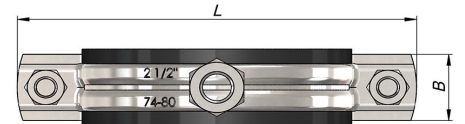
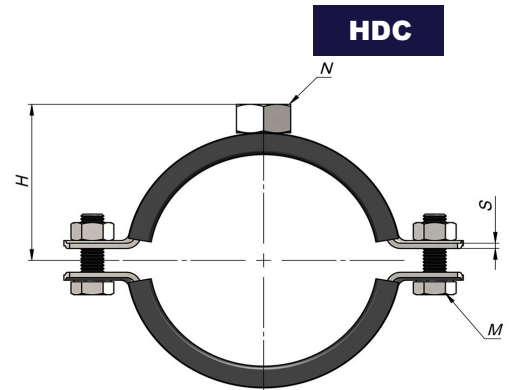
Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
3/8" - 1 1/4"	3.90	1.30
1 1/2" - 67-71	4.80	1.60
2 1/2" - 116-125	6.90	2.30
129-141	7.80	2.60

Code No	Size (Inch)	Clamping Range (mm)	L	H	M	s x B	A	Quantity / Box	Weight / Box
			mm	mm		mm			Kg
AMT-LTCU-010	3/8"	15-20	52.0	112.5	M5	1.0x20		200	9.74
AMT-LTCU-015	1/2"	19-23	54.5	114.0	M5	1.0x20		200	9.11
AMT-LTCU-017	23-28	23-28	58.5	116.0	M5	1.0x20		100	4.88
AMT-LTCU-020	3/4"	26-30	62.5	118.0	M5	1.0x20		150	7.43
AMT-LTCU-025	1"	32-35	68.5	121.0	M5	1.0x20		150	7.82
AMT-LTCU-032	1 1/4"	39-43	76	124.5	M5	1.0x20		100	5.66
AMT-LTCU-040	1 1/2"	45-51	91.5	129.0	M5	1.2x20		75	5.09
AMT-LTCU-047	54-58	54-58	99	132.5	M5	1.2x20		75	5.43
AMT-LTCU-050	2"	60-65	105	135.5	M5	1.2x20		75	5.68
AMT-LTCU-060	67-71	67-71	112	139.0	M6	1.5x20	ø7x100 Wood Screw	50	4.07
AMT-LTCU-065	2 1/2"	74-82	126	144.0	M6	1.5x25		30	3.91
AMT-LTCU-075	82-89	82-89	134	148.0	M6	1.5x25		30	4.13
AMT-LTCU-080	3"	91-98	142	152.0	M6	1.5x25		30	4.35
AMT-LTCU-085	93-101	93-101	145	153.5	M6	1.5x25		20	3.04
AMT-LTCU-095	102-109	102-109	153	157.5	M6	1.5x25		15	2.46
AMT-LTCU-100	4"	109-117	161	161.5	M6	1.5x25		15	2.57
AMT-LTCU-110	116-125	116-125	170	166.0	M6	1.5x25		15	3.12
AMT-LTCU-120	129-141	129-141	184	172.5	M6	2.0x25		15	3.52

Heavy Duty Pipe Clamp

(With Rubber Profile & Nut)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resistancy between -30 ~ +110 Celcius Degree
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
1/4" - 95-104	11.0	2.75
102-112 - 14"	15.0	3.75
122-138 - 10"	20.0	6.00
12" - 20"	35.0	11.70

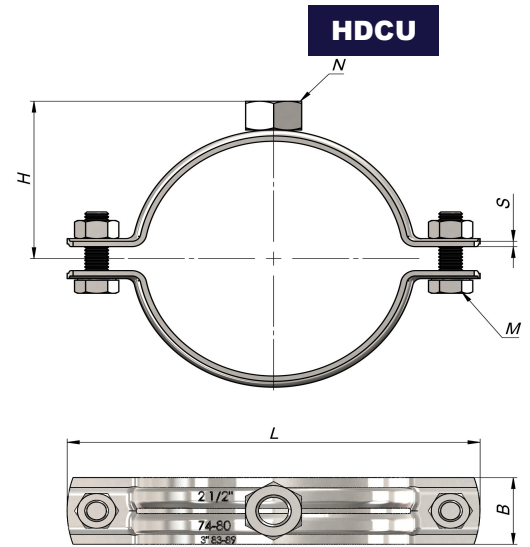
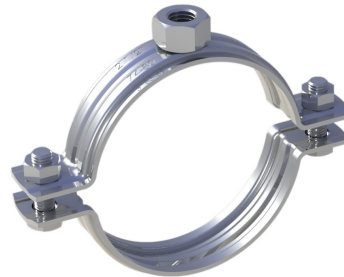
** The clamps marked are made without section form

Code No	Size	Clamping Range	L	H	M	s x B	N	Quantity / Box	Weight / Box
	Inch	mm	mm	mm		mm			Kg
AMT-HDC-008	1/4"	12-17	75.0	26.0	M8	2.0x25	M12	50	5.99
AMT-HDC-015	1/2"	21-28	81.0	30.0	M8	2.0x25	M12	50	6.60
AMT-HDC-020	3/4"	25-32	87.0	33.0	M8	2.0x25	M12	50	7.01
AMT-HDC-025	1"	33-40	94.0	36.5	M8	2.0x25	M12	50	7.30
AMT-HDC-032	1 1/4"	41-48	103.0	41.0	M8	2.0x25	M12	50	9.03
AMT-HDC-040	1 1/2"	48-56	111.0	44.5	M8	2.0x25	M12	50	8.65
AMT-HDC-047	53-59	53-59	120.0	48.5	M8	2.0x25	M12	40	7.59
AMT-HDC-050	2"	60-69	125.0	51.0	M8	2.0x25	M12	40	7.46
AMT-HDC-060	67-75	67-75	134.0	55.0	M8	2.0x25	M12	40	8.57
AMT-HDC-065	2 1/2"	75-81	141.0	59.0	M8	2.0x25	M12	30	6.41
AMT-HDC-072	83-91	83-91	149.0	63.0	M8	2.0x25	M12	30	7.21
AMT-HDC-080	3"	87-95	154.0	65.0	M8	2.0x25	M12	30	6.84
AMT-HDC-085	95-104	95-104	161.0	69.0	M8	2.0x25	M12	30	7.78
AMT-HDC-095	102-112	102-112	169.0	73.0	M8	2.5x30	M12	30	10.70
AMT-HDC-100	4"	109-119	178.0	78.6	M8	2.5x30	M12	30	11.10
AMT-HDC-110	122-138	122-138	192.0	90.1	M10	3.0x30	M16	20	10.18
AMT-HDC-120	128-141	128-141	197.0	92.6	M10	3.0x30	M16	10	5.55
AMT-HDC-125	5"	136-147	204.0	96.1	M10	3.0x30	M16	10	5.61
AMT-HDC-140	153-164	153-164	220.0	104.1	M10	3.0x30	M16	10	6.15
AMT-HDC-150	6"	162-168	256.5	106.5	M10	3.0x30	M16	10	10.90
AMT-HDC-180	196-209	196-209	264.0	126.1	M10	3.0x30	M16	10	7.20
AMT-HDC-200	8"	214-226	279.0	133.6	M10	4.0x30	M16	15	14.35
AMT-HDC-250	10"	266-274	335.0	161.6	M10	4.0x30	M16	15	17.13
** AMT-HDC-300	12"	308-324	400.0	184.8	M12	4.0x40	M16	10	18.20
** AMT-HDC-350	14"	340-356	432.0	200.8	M12	4.0x40	M16	10	19.40
** AMT-HDC-400	16"	395-411	485.0	228.8	M12	4.0x40	M16	8	18.30
** AMT-HDC-450	18"	447-463	572.0	259.0	M16	4.0x40	M16	5	12.75
** AMT-HDC-500	20"	499-515	624.0	285.0	M16	4.0x40	M16	5	14.40

Heavy Duty Pipe Clamp

(Without Rubber Profile & Nut)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
1/2" - 101-109	10.0	2.75
4" - 116-126	14.0	3.75
130-141 - 10"	20.0	6.00
12" - 20"	35.0	11.70

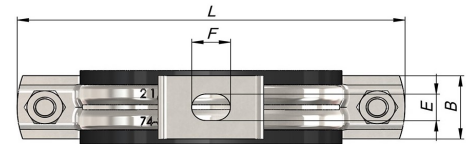
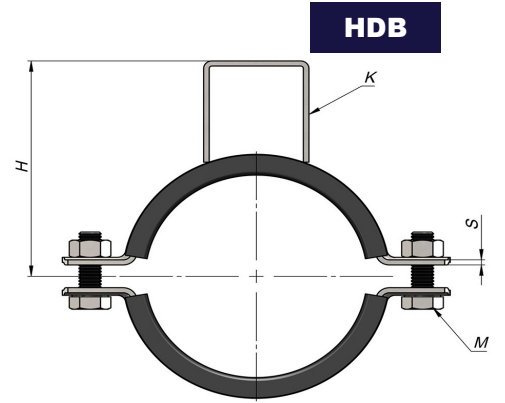
** The clamps marked are made without section form

Code No	Size	Clamping Range	L	H	M	s x B	N	Quantity / Box	Weight / Box
	Inch	mm	mm	mm		mm			Kg
AMT-HDCU-015	1/2"	18-23	75.0	26.0	M8	2.0x25	M12	50	5.77
AMT-HDCU-020	3/4"	26-31	81.0	30.0	M8	2.0x25	M12	50	5.93
AMT-HDCU-025	1"	31-37	87.0	33.0	M8	2.0x25	M12	50	6.42
AMT-HDCU-032	1 1/4"	38-44	94.0	36.5	M8	2.0x25	M12	50	6.95
AMT-HDCU-040	1 1/2"	41-48	103.0	41.0	M8	2.0x25	M12	50	7.27
AMT-HDCU-047	54-60	54-60	111.0	44.5	M8	2.0x25	M12	40	6.17
AMT-HDCU-050	2"	60-68	120.0	48.5	M8	2.0x25	M12	40	6.25
AMT-HDCU-060	66-73	66-73	125.0	51.0	M8	2.0x25	M12	40	6.80
AMT-HDCU-065	2 1/2"	74-81	134.0	55.0	M8	2.0x25	M12	30	5.50
AMT-HDCU-075	82-88	82-88	141.0	59.0	M8	2.0x25	M12	30	5.75
AMT-HDCU-080	3"	88-97	149.0	63.0	M8	2.0x25	M12	30	5.73
AMT-HDCU-085	93-100	93-100	154.0	65.0	M8	2.0x25	M12	30	6.20
AMT-HDCU-095	101-109	101-109	161.0	69.0	M8	2.0x25	M12	30	6.47
AMT-HDCU-100	4"	110-118	169.0	73.0	M8	2.5x30	M12	30	9.47
AMT-HDCU-110	116-126	116-126	178.0	78.6	M8	2.5x30	M12	30	9.66
AMT-HDCU-120	130-141	130-141	192.0	90.1	M10	3.0x30	M16	10	4.85
AMT-HDCU-125	5"	136-145	197.0	92.6	M10	3.0x30	M16	10	4.68
AMT-HDCU-140	144-154	144-154	204.0	96.1	M10	3.0x30	M16	10	5.61
AMT-HDCU-150	6"	160-169	220.0	104.1	M10	3.0x30	M16	10	5.19
AMT-HDCU-180	170-180	170-180	229.0	108.6	M10	3.0x30	M16	20	10.85
AMT-HDCU-190	202-214	202-214	264.0	126.1	M10	3.0x30	M16	20	12.39
AMT-HDCU-200	8"	219-230	279.0	133.6	M10	4.0x30	M16	15	12.73
AMT-HDCU-250	10"	273-283	335.0	161.6	M10	4.0x30	M16	15	14.98
** AMT-HDCU-300	12"	317-333	400.0	184.8	M12	4.0x40	M16	10	15.53
** AMT-HDCU-350	14"	349-365	432.0	200.8	M12	4.0x40	M16	8	13.52
** AMT-HDCU-400	16"	395-411	485.0	228.8	M12	4.0x40	M16	8	15.32
** AMT-HDCU-450	18"	447-463	572.0	259.0	M16	4.0x40	M16	5	17.07
** AMT-HDCU-500	20"	499-515	624.0	285.0	M16	4.0x40	M16	5	18.66

Heavy Duty Pipe Clamp

(With Rubber Profile - Bracket Type)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resistancy between -30 ~ +110 Celcius Degree
- Easy and safe assembly through hex head and nut



Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
3/4" - 74	11.0	2.75
2 1/2" - 140	15.0	3.75
5" - 283	24.	6.0
12" - 20"	035	011.

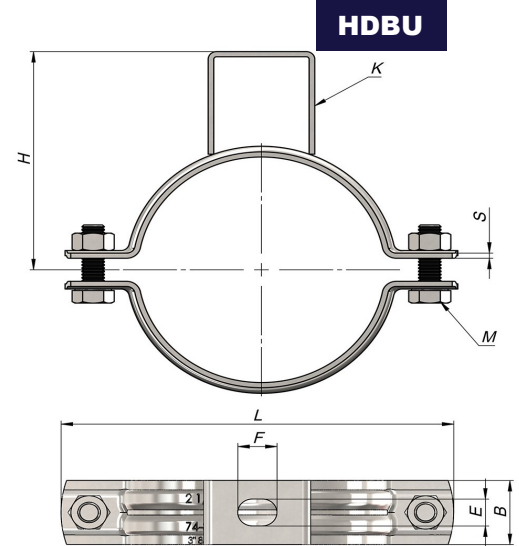
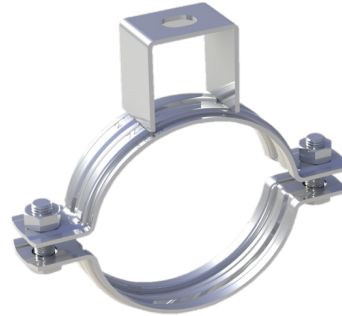
** The clamps marked are made without section form

Code No	Size	Clamping Range	L	H	E x F	s x B	M	K	Quantity / Box	Weight / Box
	Inch	mm	mm	mm	mm	mm		mm	Pcs	Kg
AMT-HDB-008	1/4"	12-17	75.0	40.0	10.5x14	2.0x25	M8	2.0x25x40	50	7.34
AMT-HDB-015	1/2"	21-28	81.0	41.0	10.5x14	2.0x25	M8	2.0x25x40	50	7.77
AMT-HDB-020	3/4"	25-32	87.0	42.5	10.5x14	2.0x25	M8	2.0x25x40	50	8.20
AMT-HDB-025	1"	33-40	94.0	49.5	10.5x14	2.0x25	M8	2.0x25x40	50	8.65
AMT-HDB-032	1 1/4"	41-48	103.0	55.0	10.5x14	2.0x25	M8	2.0x25x40	40	7.25
AMT-HDB-040	1 1/2"	48-56	111.0	59.0	10.5x14	2.0x25	M8	2.0x25x40	40	7.69
AMT-HDB-047	53-59	53-59	120.0	63.0	10.5x14	2.0x25	M8	2.0x25x40	30	6.56
AMT-HDB-050	2"	60-69	125.0	66.0	10.5x14	2.0x25	M8	2.0x25x40	30	6.33
AMT-HDB-060	67-75	67-75	134.0	70.0	10.5x14	2.0x25	M8	2.0x25x40	25	7.00
AMT-HDB-065	2 1/2"	75-81	141.0	74.0	10.5x14	2.0x25	M8	2.0x25x40	25	5.92
AMT-HDB-075	83-91	83-91	149.0	76.0	10.5x14	2.0x25	M8	2.0x25x40	30	7.62
AMT-HDB-080	3"	87-95	154.0	80.0	10.5x14	2.0x25	M8	2.0x25x40	30	7.56
AMT-HDB-085	95-104	95-104	161.0	84.5	10.5x14	2.0x25	M8	2.0x25x40	25	7.20
AMT-HDB-095	102-112	102-112	169.0	88.5	12.0x14	2.5x30	M8	2.5x30x40	25	10.14
AMT-HDB-100	4"	109-119	178.0	93.0	12.0x14	2.5x30	M8	2.5x30x40	25	10.72
AMT-HDB-110	122-138	122-138	192.0	101.0	12.0x14	3.0x30	M10	3.0x30x40	20	5.70
AMT-HDB-120	128-141	128-141	197.0	103.5	12.0x14	3.0x30	M10	3.0x30x40	10	5.99
AMT-HDB-125	5"	136-147	204.0	107.0	12.0x14	3.0x30	M10	3.0x30x40	10	6.02
AMT-HDB-140	153-164	153-164	220.0	115.0	12.0x14	3.0x30	M10	3.0x30x40	10	6.45
AMT-HDB-150	6"	164-174	229.0	120.0	12.0x14	3.0x30	M10	3.0x30x40	10	6.79
AMT-HDB-180	196-209	196-209	264.0	137.0	12.0x14	3.0x30	M10	3.0x30x40	20	15.20
AMT-HDB-200	8"	214-226	279.0	145.0	12.0x14	4.0x30	M10	4.0x30x40	15	15.23
AMT-HDB-250	10"	266-274	335.0	173.0	12.0x14	4.0x30	M10	4.0x30x40	15	18.46
** AMT-HDB-300	12"	308-324	400.0	184.0	12.5x23	4.0x40	M12	4.0x40x40	10	19.10
** AMT-HDB-350	14"	340-356	432.0	221.0	12.5x23	4.0x40	M12	4.0x40x40	8	16.78
** AMT-HDB-400	16"	395-411	485.0	254.0	12.5x23	4.0x40	M12	4.0x40x40	8	16.72
** AMT-HDB-450	18"	447-463	572.0	290.0	12.5x23	4.0x40	M16	4.0x40x40	5	19.00
** AMT-HDB-500	20"	499-515	624.0	316.0	12.5x23	4.0x40	M16	4.0x40x40	5	14.78

Heavy Duty Pipe Clamp

(Without Rubber Profile - Bracket Type)

- Used for mounting of steel, cast iron, PVC, PP and copper pipes to walls, ceilings and floors (horizontally / vertically)
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- Easy and safe assembly through hex head and nut



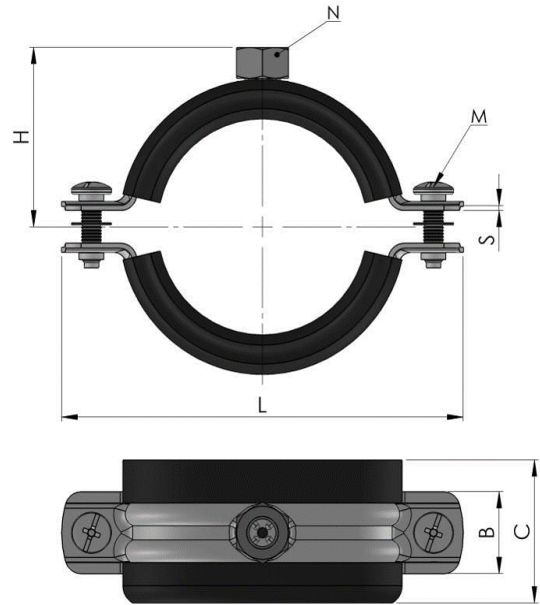
Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
3/4" - 74	11.0	2.75
2 1/2" - 140	15.0	3.75
5" - 283	24.	6.0
12" - 20"	035	011.

** The clamps marked are made without section form

Code No	Size	Clamping Range	L	H	E x F	s x B	M	K	Quantity / Box	Weight / Box
	Inch	mm	mm	mm	mm	mm		mm	Pcs	Kg
AMT-HDBU-015	1/2"	18-23	75.0	40.0	10.5x14	2.0x25	M8	2.0x25x40	50	6.93
AMT-HDBU-020	3/4"	26-31	81.0	41.0	10.5x14	2.0x25	M8	2.0x25x40	50	7.28
AMT-HDBU-025	1"	31-37	87.0	42.5	10.5x14	2.0x25	M8	2.0x25x40	50	7.61
AMT-HDBU-032	1 1/4"	38-44	94.0	49.5	10.5x14	2.0x25	M8	2.0x25x40	50	8.02
AMT-HDBU-040	1 1/2"	46-53	103.0	55.0	10.5x14	2.0x25	M8	2.0x25x40	50	8.51
AMT-HDBU-047	54-60	54-60	111.0	59.0	10.5x14	2.0x25	M8	2.0x25x40	40	7.25
AMT-HDBU-050	2"	60-68	120.0	63.0	10.5x14	2.0x25	M8	2.0x25x40	40	7.62
AMT-HDBU-060	66-73	66-73	125.0	66.0	10.5x14	2.0x25	M8	2.0x25x40	40	7.88
AMT-HDBU-065	2 1/2"	74-81	134.0	70.0	10.5x14	2.0x25	M8	2.0x25x40	30	6.29
AMT-HDBU-075	82-88	82-88	141.0	74.0	10.5x14	2.0x25	M8	2.0x25x40	30	6.56
AMT-HDBU-080	3"	88-97	149.0	76.0	10.5x14	2.0x25	M8	2.0x25x40	30	6.85
AMT-HDBU-085	93-100	93-100	154.0	80.0	10.5x14	2.0x25	M8	2.0x25x40	30	7.01
AMT-HDBU-095	101-109	101-109	161.0	84.5	10.5x14	2.0x25	M8	2.0x25x40	30	7.28
AMT-HDBU-100	4"	110-118	169.0	88.5	12.0x14	2.5x30	M8	2.5x30x40	30	10.67
AMT-HDBU-110	116-126	116-126	178.0	93.0	12.0x14	2.5x30	M8	2.5x30x40	30	11.08
AMT-HDBU-120	130-141	130-141	192.0	101.0	12.0x14	3.0x30	M10	3.0x30x40	10	5.31
AMT-HDBU-125	5"	136-145	197.0	103.5	12.0x14	3.0x30	M10	3.0x30x40	10	5.42
AMT-HDBU-140	144-154	144-154	204.0	107.0	12.0x14	3.0x30	M10	3.0x30x40	10	5.58
AMT-HDBU-150	6"	160-169	220.0	115.0	12.0x14	3.0x30	M10	3.0x30x40	10	5.93
AMT-HDBU-180	170-180	170-180	229.0	120.0	12.0x14	3.0x30	M10	3.0x30x40	20	11.76
AMT-HDBU-190	202-214	202-214	264.0	137.0	12.0x14	3.0x30	M10	3.0x30x40	20	13.30
AMT-HDBU-200	8"	219-230	279.0	145.0	12.0x14	4.0x30	M10	4.0x30x40	15	10.46
AMT-HDBU-250	10"	273-283	335.0	173.0	12.0x14	4.0x30	M10	4.0x30x40	15	12.77
** AMT-HDBU-300	12"	317-333	400.0	184.0	12.5x23	4.0x40	M12	4.0x40x40	10	16.50
** AMT-HDBU-350	14"	349-365	432.0	221.0	12.5x23	4.0x40	M12	4.0x40x40	8	14.30
** AMT-HDBU-400	16"	395-411	485.0	254.0	12.5x23	4.0x40	M12	4.0x40x40	8	16.10
** AMT-HDBU-450	18"	447-463	572.0	290.0	12.5x23	4.0x40	M16	4.0x40x40	5	18.06
** AMT-HDBU-500	20"	499-515	624.0	316.0	12.5x23	4.0x40	M16	4.0x40x40	5	19.65

Silent Pipe Clamp

- Plumbing lines to be used in the shaft
- Electro galvanized against corrosion protection
(Plating thickness 8-10 Micron)
- Special design EPDM Lining for extra noise reduction
 - A test according to EN 14366 is performed by Fraunhofer Institute on 110 outer Diameter PVC waste water pipe. Test results are as below!
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



Measuring Range

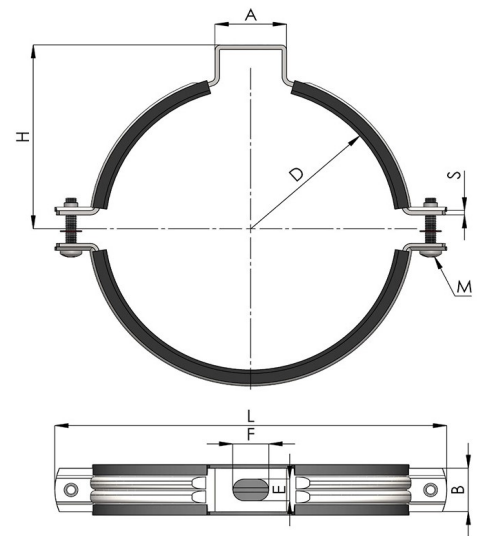
Home Area [dB(A)]

Flow rate /	0.5	1	2	4
AMT Silent Clamp	18	21	23	25
Std. PVC Clamp	24	26	29	32

Code No	DN	Clamping Range (mm)	L	H	M	s x B	A
			mm	mm		mm	
AMT-SPC-032	40	39-46	91.5	47	M6	1.5 x 20	M8
AMT-SPC-040	50	48-53	99	50.5	M6	1.5 x 20	M8
AMT-SPC-075	75	70-76	134	66	M6	2 x 20	M10
AMT-SPC-080	90	87-94	146.5	71.5	M6	2 x 20	M10
AMT-SPC-100	110	106-114	173	85	M6	2.5 x 25	M10
AMT-SPC-112	125	120-128	186	91.5	M6	2.5 x 25	M10
AMT-SPC-160	160	149-161	215	106	M6	2.5 x 25	M10
AMT-SPC-200	200	191-200	268	131	M6	2.5 x 25	M12

PVC Pipe Clamp

- Used for mounting of PVC, PE and HDPE pipes to walls (vertical / horizontal) ceilings and floors
- Electro galvanized against corrosion protection
(Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resistancy between -30 ~ +110 Celcius Degree
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers

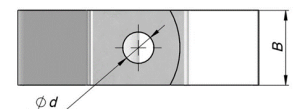
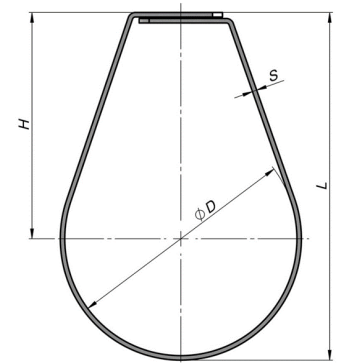


Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
50 - 75	1.2	0.4
100 - 200	2.00	0.7

Code No	Size (Inch)	Clamping Range (mm)	L	H	A	E	F	s x B	M	Quantity / Box	Weight / Box
			mm	mm	mm	mm	mm				
AMT-PVC-050	50	48 - 53	98.0	44.5	36	9	18	1.2 x 20	M 6	75	5.13
AMT-PVC-075	75	74 - 81	128.0	58.5	36	9	18	1.5 x 25	M 6	50	7.51
AMT-PVC-100	100	100 - 108	155.0	74.5	36	9	18	1.5 x 25	M 6	30	5.93
AMT-PVC-125	125	121 - 130	178.0	89.5	36	12.5	20	2.0 x 25	M 6	25	6.86
AMT-PVC-150	150	150 - 159	207.0	103.5	36	12.5	20	2.0 x 25	M 6	20	6.30
AMT-PVC-200	200	193 - 204	251.0	134.5	36	12.5	20	2.0 x 25	M 6	10	4.00

Sprinkler Pipe Clamp

- Used for hanging of horizontal pipe lines
- Used for sprinkler system installation
- Used for fire protection and extinguishing systems
- Height adjustment through threaded rods
- Electro galvanized against corrosion protection
(Plating thickness 8 - 10 micron)
- MSS - TYPE 7
- Designs and design loads are complied with NFPA standards



Size	Recommended Load
Inch	(KN)
1/2" - 2"	1.5
2 1/2" - 4"	3.9
5" - 6"	7.5
8" - 12"	13.0

* The clamp should only be used for horizontal pipe hanging!

* It should not be exposed to lateral loads during installation and service phase!

Code No	Size	Ø D	L	H	s x B	Ø d	Quantity / Box	Weight / Box
	Inch	mm	mm	mm	mm	mm	Pcs	Kg
AMT-SP-015	1/2"	28.0	51.5	36.5	1.0x25	10.5	150	5.00
AMT-SP-020	3/4"	30.0	53.5	37.5	1.0x25	10.5	125	4.45
AMT-SP-025	1"	36.0	65.5	46.5	1.0x25	10.5	100	4.07
AMT-SP-032	1 1/4"	46.0	79.9	55.7	1.2x25	10.5	75	4.31
AMT-SP-040	1 1/2"	52.0	85.9	58.7	1.2x25	10.5	60	3.74
AMT-SP-050	2"	66.0	99.9	65.7	1.2x25	10.5	50	3.70
AMT-SP-065	2 1/2"	78.0	116.0	75.5	1,5x25	10.5	35	3.62
AMT-SP-080	3"	92.0	132.0	84.5	1,5x25	10.5	25	2.89
AMT-SP-100	4"	116.0	167.5	107.5	2,0x25	10.5	30	5.83
AMT-SP-125	5"	142.0	200.0	126.5	2.5x25	13	30	8.65
AMT-SP-150	6"	170.0	238.0	150.5	2.5x25	13	30	10.20
AMT-SP-200	8"	222.0	311.5	197.5	3.0x30	17	10	6.44
AMT-SP-250	10"	275.0	384.5	244.0	3.0x30	17	15	11.82
AMT-SP-300	12"	324.0	470.0	310.0	3.0x30	17	10	9.40

SPN

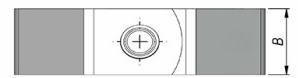
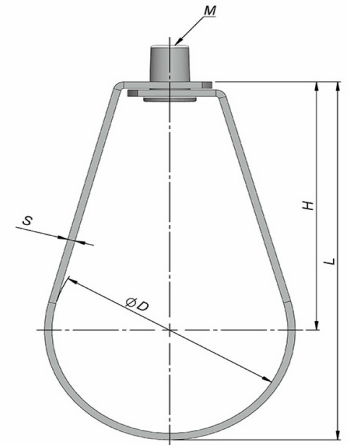
Sprinkler Pipe Clamp

(With Swivel Nut)

- Used for freely hanging of horizontal pipe lines
- Used for sprinkler system installation
- Used for fire protection and extinguishing systems
- Height adjustment through threaded rods
- Electro galvanized against corrosion protection
(Plating thickness 8 - 10 micron)
- MSS - TYPE 7
- Designs and design loads are complied with NFPA standards

* The clamp should only be used for horizontal pipe hanging!

* It should not be exposed to lateral loads during installation and service phase!



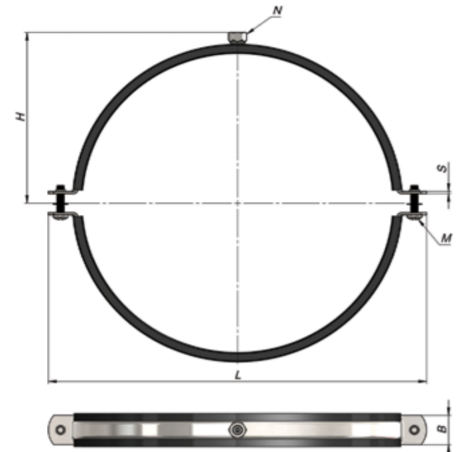
Size	Recommended Load
Inch	(KN)
3/4" - 2"	4
2 1/2" - 4"	6.6
5" - 6"	7.8
8" - 10"	12

Code No	Size (Inch)	E	Ø D	L	s x B	M	Quantity / Box	Weight / Box
		mm		mm	mm	(Ø d)		
AMT-SPN-020	3/4"	54.5	30	71	1.5x25	M10	100	8.05
AMT-SPN-025	1"	63.5	36	83	1.5x25	M10	100	8.9
AMT-SPN-032	1 1/4"	70.5	46	95	1.5x25	M10	50	5.1
AMT-SPN-040	1 1/2"	75.5	52	103	1.5x25	M10	50	5.4
AMT-SPN-050	2"	83.5	66	118	1.5x25	M10	50	6
AMT-SPN-065	2 1/2"	100.5	78	142	2,5x25	M10	25	5.3
AMT-SPN-080	3"	117.5	92	166	2,5x25	M10	25	6.25
AMT-SPN-100	4"	143.5	116	204	2,5x25	M10	25	7.4
AMT-SPN-125	5"	175	142	249	3x25	M12	25	10.9
AMT-SPN-150	6"	196	170	284	3x25	M12	25	12.3
AMT-SPN-200	8"	262	222	376	3x40	M16	15	15.6
AMT-SPN-250	10"	357.5	275	498	3x40	M16	10	13

Ventilation Pipe Clamp

(With Rubber Profile)

- Used for assembly of cylindrical metal air ducts and fittings with circular cross sections in accordance with DIN EN 1506, ventilation
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- EPDM Lining for,
 - Noise reduction level up to 15 dB according to DIN 4109
 - Vibration reduction
 - Partial compensation of thermal expansion
 - Heat resistency between -30 ~ +110 Celcius Degree
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



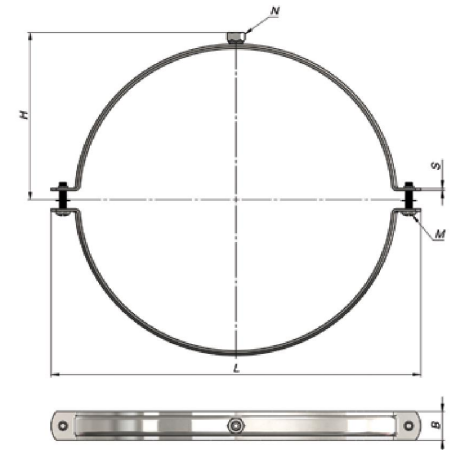
Size	Breaking Laod	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	3.90	1.30
1 1/4" - 2"	4.80	1.60
67 - 4"	6.90	2.30
122 - 8"	7.80	2.60

Code No	Size	Pipe Diameter	L	H	M	S x B	N	Quantity / Box	Weight / Box
			mm	mm		mm		Pcs	Kg
AMT-VC-071	71	73.4	117.0	52.0	M6	1.5 x 20	M8	40	4.62
AMT-VC-080	80	82.4	126.0	56.5	M6	1.5 x 20	M8	35	4.42
AMT-VC-090	90	92.6	136.0	61.5	M6	1.5 x 20	M8	35	4.79
AMT-VC-100	100	103.6	147.0	67.0	M6	1.5 x 20	M8	35	5.22
AMT-VC-112	112	115.6	159.0	73.0	M6	1.5 x 20	M8	35	5.62
AMT-VC-125	125	128.6	172.0	79.5	M6	1.5 x 20	M8	35	6.13
AMT-VC-140	140	143.6	186.0	86.5	M6	1.5 x 20	M8	30	5.68
AMT-VC-150	150	153.6	197.0	92.0	M6	1.5 x 20	M8	30	6.00
AMT-VC-160	160	163.6	209.0	98.0	M6	1.5 x 20	M8	30	6.49
AMT-VC-180	180	183.6	229.0	108.0	M6	1.5 x 20	M8	25	5.96
AMT-VC-200	200	203.6	247.0	117.0	M6	1.5 x 20	M8	20	5.20
AMT-VC-224	224	227.6	280.0	132.0	M6	2.0 x 25	M8	15	6.45
AMT-VC-250	250	253.6	306.0	145.0	M6	2.0 x 25	M8	20	9.38
AMT-VC-280	280	284.8	336.0	160.0	M6	2.0 x 25	M8	20	10.38
AMT-VC-300	300	304.8	357.0	170.5	M6	2.0 x 25	M8	20	11.02
AMT-VC-315	315	319.8	372.0	178.0	M6	2.0 x 25	M8	20	11.51
AMT-VC-355	355	359.8	412.0	198.0	M6	2.0 x 25	M8	20	12.80
AMT-VC-400	400	404.8	457.0	220.5	M6	2.0 x 25	M8	20	14.24
AMT-VC-450	450	454.8	507.0	245.5	M6	2.0 x 25	M8	15	12.17
AMT-VC-500	500	504.8	557.0	270.5	M6	2.0 x 25	M8	10	11.43
AMT-VC-560	560	564.8	627.0	300.0	M10	2.0 x 25	M8	10	12.58
AMT-VC-600	600	604.8	667.0	320.0	M10	2.0 x 25	M8	10	13.33
AMT-VC-630	630	636.0	697.0	335.0	M10	2.0 x 25	M8	10	13.94

Ventilation Pipe Clamp

(Without Rubber Profile)

- Used for assembly of cylindrical metal air ducts and fittings with circular cross sections in accordance with DIN EN 1506, ventilation
- Electro galvanized against corrosion protection (Plating thickness 8-10 Micron)
- Easy and safe assembly through combi side screws
- Side screws are protected against loss during assembly with the help of plastic washers



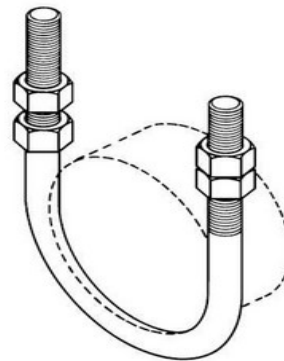
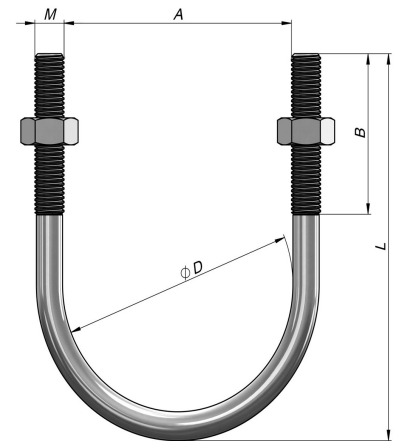
Size	Breaking Load	Recommended Load
Inch	(KN)	(KN)
1/8" - 1"	3.90	1.30
1 1/4" - 2"	4.80	1.60
67 - 4"	6.90	2.30
122 - 8"	7.80	2.60

Code No	Size	Pipe Diameter	L	H	M	S x B	N	Quantity / Box	Weight / Box
			mm	mm		mm		Pcs	Kg
AMT-VCU-071	71	73.4	117.0	52.0	M6	1.5 x 20	M8	40	3.62
AMT-VCU-080	80	82.4	126.0	56.5	M6	1.5 x 20	M8	35	3.29
AMT-VCU-090	90	92.6	136.0	61.5	M6	1.5 x 20	M8	35	3.69
AMT-VCU-100	100	103.6	147.0	67.0	M6	1.5 x 20	M8	35	3.97
AMT-VCU-112	112	115.6	159.0	73.0	M6	1.5 x 20	M8	35	4.28
AMT-VCU-125	125	128.6	172.0	79.5	M6	1.5 x 20	M8	35	4.06
AMT-VCU-140	140	143.6	186.0	86.5	M6	1.5 x 20	M8	30	4.30
AMT-VCU-150	150	153.6	197.0	92.0	M6	1.5 x 20	M8	30	4.54
AMT-VCU-160	160	163.6	209.0	98.0	M6	1.5 x 20	M8	30	4.80
AMT-VCU-180	180	183.6	229.0	108.0	M6	1.5 x 20	M8	25	4.12
AMT-VCU-200	200	203.6	247.0	117.0	M6	1.5 x 20	M8	20	3.85
AMT-VCU-224	224	227.6	280.0	132.0	M6	2.0 x 25	M8	15	5.20
AMT-VCU-250	250	253.6	306.0	145.0	M6	2.0 x 25	M8	20	7.57
AMT-VCU-280	280	284.8	336.0	160.0	M6	2.0 x 25	M8	20	8.28
AMT-VCU-300	300	304.8	357.0	170.5	M6	2.0 x 25	M8	20	8.82
AMT-VCU-315	315	319.8	372.0	178.0	M6	2.0 x 25	M8	20	9.19
AMT-VCU-355	355	359.8	412.0	198.0	M6	2.0 x 25	M8	20	10.17
AMT-VCU-400	400	404.8	457.0	220.5	M6	2.0 x 25	M8	20	11.40
AMT-VCU-450	450	454.8	507.0	245.5	M6	2.0 x 25	M8	15	9.61
AMT-VCU-500	500	504.8	557.0	270.5	M6	2.0 x 25	M8	10	7.24
AMT-VCU-560	560	564.8	627.0	300.0	M10	2.0 x 25	M8	10	10.35
AMT-VCU-600	600	604.8	667.0	320.0	M10	2.0 x 25	M8	10	10.96
AMT-VCU-630	630	636.0	697.0	335.0	M10	2.0 x 25	M8	10	11.42

UB

U-Bolt

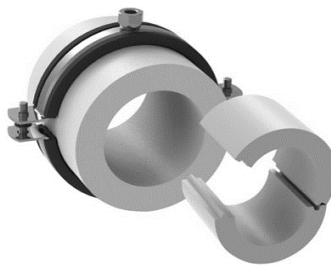
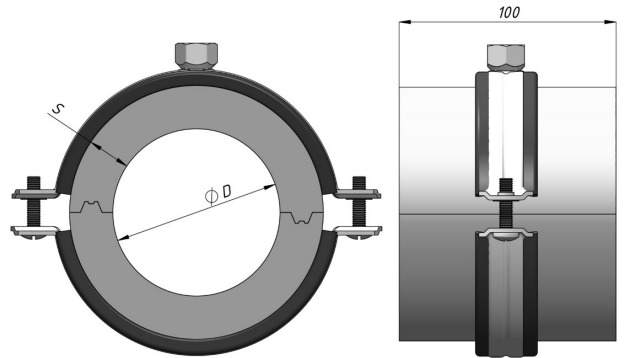
- For direct fixing of pipe clamps to channel systems
- With necessary precautions they can be used either as a fixed or as a sliding support
- Electro galvanized against corrosion protection (Plating thickness 5 - 8 micron)



Code No	Size	Pipe Size	A	H	B	M	Quantity / Box	Weight / Box
	Inch						Pcs	Kg
AMT-UB-015	1/2"	21.3	24	50	30	M 6	100	4.96
AMT-UB-020	3/4"	26.9	30	60	30	M 6	100	5.20
AMT-UB-025	1"	33.7	36	70	30	M 8	100	5.42
AMT-UB-032	1 1/4"	42.4	46	80	40	M 8	100	6.35
AMT-UB-040	1 1/2"	48.3	52	90	50	M 8	100	6.83
AMT-UB-050	2"	60.3	64	100	50	M 10	100	13.65
AMT-UB-065	2 1/2"	76.1	78	120	50	M 10	75	11.65
AMT-UB-080	3"	88.9	94	140	60	M 12	50	13.30
AMT-UB-088	3 1/2"	101.6	106	150	65	M 12	50	14.20
AMT-UB-100	4"	114.3	118	160	65	M 12	50	16.60
AMT-UB-125	5"	139.7	146	200	65	M 12	25	10.00
AMT-UB-150	6"	165.1	172	220	90	M 16	25	18.90
AMT-UB-200	8"	219	224	270	90	M 16	20	18.00
AMT-UB-250	10"	273	278	324	100	M 16	15	17.55
AMT-UB-300	12"	324	328	380	100	M 16	15	19.80
AMT-UB-350	14"	355.6	360	413	100	M 16	5	9.00
AMT-UB-400	16"	406.4	415	470	120	M 20	5	12.00
AMT-UB-450	18"	406.4	464	520	120	M 20	5	16.50
AMT-UB-500	20"	508	515	582	120	M 24	5	21.00

Polyurethane Insulation Blocks

- Polyurethane is suitable for all pipeworks for temperatures -150°C to +130°C.
- It has low density but high insulating properties
- This product has the lowest thermal permeability compared to other insulation materials
- Prevents the thermal losses in hot or cold pipework
- Long life insulating material
- Ease of application
- We recommend the use of sleeves to spread the load for pipe diameters 2" and upwards.



Note

- Protection band can be added upon request (AMT-PIB...> AMT-PIBB)

Material

Polyurethane

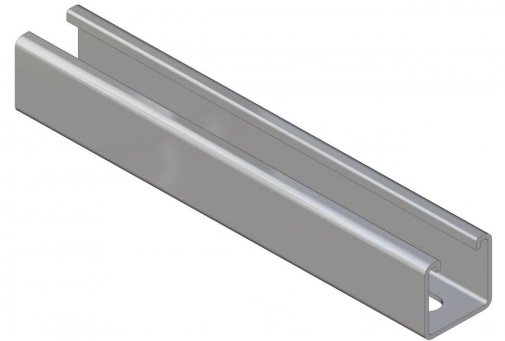
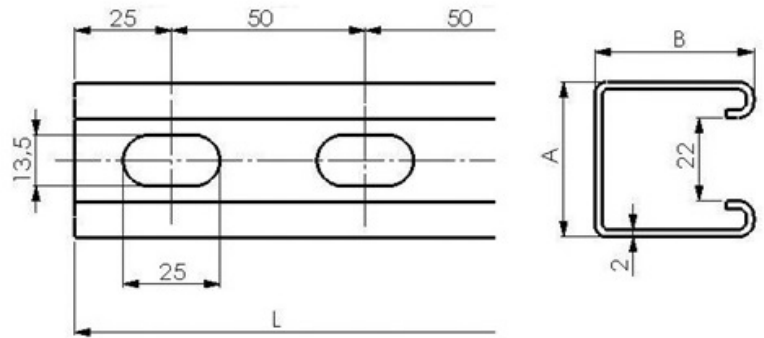
Density	80 kg/m ³
Temperature resistance	-150 °C / +130 °C

Block Length L = 100 mm.

Size	Ø d	Insulation Thickness = 20	Ø OD	Insulation Thickness = 30	Ø OD	Insulation Thickness = 40	Ø OD	Insulation Thickness = 50	Ø OD
Inch	mm		mm		mm		mm		mm
3/8"	17.2	AMT-PIB-01020100	57.2	AMT-PIB-01030100	77.2	AMT-PIB-01040100	97.2	AMT-PIB-01050100	117.2
1/2"	21.3	AMT-PIB-01520100	61.3	AMT-PIB-01530100	81.3	AMT-PIB-01540100	101.3	AMT-PIB-01550100	121.3
3/4"	26.9	AMT-PIB-02020100	66.7	AMT-PIB-02030100	86.9	AMT-PIB-02040100	106.9	AMT-PIB-02050100	126.9
1"	33.7	AMT-PIB-02520100	73.7	AMT-PIB-02530100	93.7	AMT-PIB-02540100	113.7	AMT-PIB-02550100	133.7
1 1/4"	42.4	AMT-PIB-03220100	82.4	AMT-PIB-03230100	102.4	AMT-PIB-03240100	122.4	AMT-PIB-03250100	142.4
1 1/2"	48.3	AMT-PIB-04020100	88.3	AMT-PIB-04030100	108.3	AMT-PIB-04040100	128.3	AMT-PIB-04050100	148.3
	57.0	AMT-PIB-04720100	100.3	AMT-PIB-04730100	117.0	AMT-PIB-04740100	137.0	AMT-PIB-04750100	157.0
2"	60.3	AMT-PIB-05020100	100.3	AMT-PIB-05030100	120.3	AMT-PIB-05040100	140.3	AMT-PIB-05050100	160.3
	70.0	AMT-PIB-06020100	110.0	AMT-PIB-06030100	130.0	AMT-PIB-06040100	150.0	AMT-PIB-06050100	170.0
2 1/2"	76.1	AMT-PIB-06520100	116.1	AMT-PIB-06530100	136.1	AMT-PIB-06540100	156.1	AMT-PIB-06550100	176.1
	83.0	AMT-PIB-07520100	123.0	AMT-PIB-07530100	143.0	AMT-PIB-07540100	163.0	AMT-PIB-07550100	183.0
3"	88.9	AMT-PIB-08020100	128.9	AMT-PIB-08030100	148.9	AMT-PIB-08040100	168.9	AMT-PIB-08050100	188.9
	102.0	AMT-PIB-08520100	142.0	AMT-PIB-08530100	162.0	AMT-PIB-08540100	182.0	AMT-PIB-08550100	202.0
	110.0	AMT-PIB-09520100	150.0	AMT-PIB-09530100	170.0	AMT-PIB-09540100	190.0	AMT-PIB-09550100	210.0
4"	114.3	AMT-PIB-10020100	154.3	AMT-PIB-10030100	174.3	AMT-PIB-10040100	194.3	AMT-PIB-10050100	214.3
	125.0	AMT-PIB-11020100	165.0	AMT-PIB-11030100	185.0	AMT-PIB-11040100	205.0	AMT-PIB-11050100	225.0
	133.0	AMT-PIB-13320100	173.0	AMT-PIB-13330100	193.0	AMT-PIB-13340100	213.0	AMT-PIB-13350100	233.0
5"	139.7	AMT-PIB-12520100	179.7	AMT-PIB-12530100	199.7	AMT-PIB-12540100	219.7	AMT-PIB-12550100	239.7
	160.0	AMT-PIB-14020100	200.0	AMT-PIB-14030100	220.0	AMT-PIB-14040100	240.0	AMT-PIB-14050100	260.0
6"	168.3	AMT-PIB-15020100	208.3	AMT-PIB-15030100	228.3	AMT-PIB-15040100	248.3	AMT-PIB-15050100	268.3
8"	219.1	AMT-PIB-20020100	259.1	AMT-PIB-20030100	279.1	AMT-PIB-20040100	299.1	AMT-PIB-20050100	319.1
10"	273.0	AMT-PIB-25020100	313.0	AMT-PIB-25030100	333.0	AMT-PIB-25040100	353.0	AMT-PIB-25050100	373.0
12"	323.9	AMT-PIB-30020100	363.9	AMT-PIB-30030100	383.9	AMT-PIB-30040100	403.9	AMT-PIB-30050100	423.9
14"	355.6	AMT-PIB-35020100	395.6	AMT-PIB-35030100	415.6	AMT-PIB-35040100	435.6	AMT-PIB-35050100	455.6
16"	406.4	AMT-PIB-40020100	446.4	AMT-PIB-40030100	466.4	AMT-PIB-40040100	486.4	AMT-PIB-40050100	506.4
18"	457.0	AMT-PIB-45020100	497.0	AMT-PIB-45030100	517.0	AMT-PIB-45040100	537.0	AMT-PIB-45050100	557.0
20"	508.0	AMT-PIB-50020100	548.0	AMT-PIB-50030100	568.0	AMT-PIB-50040100	588.0	AMT-PIB-50050100	608.0
24"	610.0	AMT-PIB-60020100		AMT-PIB-60030100	670.0	AMT-PIB-60040100	690.0	AMT-PIB-60050100	710.0

Perforated G Profile

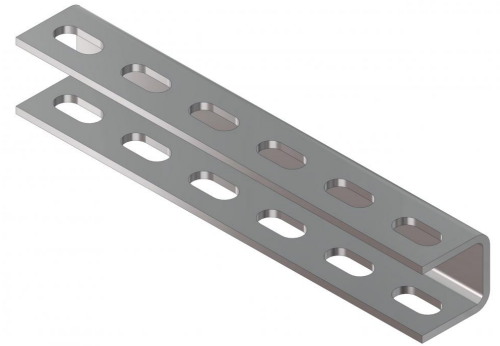
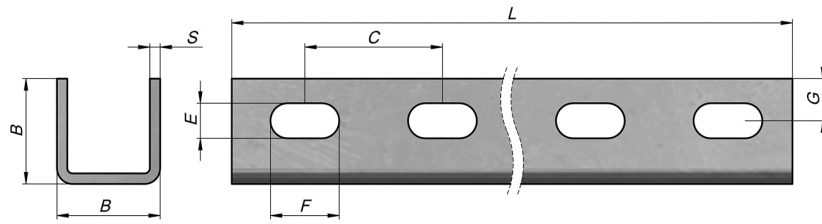
- These multi purpose fixing elements offer numerous possibility of assembly fixtures to be manufactured
- Compared to U, L & C channels, It has a higher load capacity
- Easy and safe assembly
- Can be cut to required length
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



Code No	Size (mm)	A	B	L	Weight
		mm	mm	mm	Kg
AMT-PGP-202141	21 x 41 x 2	41	21	2000	2.92
AMT-PGP-204141	41 x 41 x 2	41	41	2000	4.18
AMT-PGP-204160	41 x 60 x 2	41	60	2000	5.37

Perforated U Profile

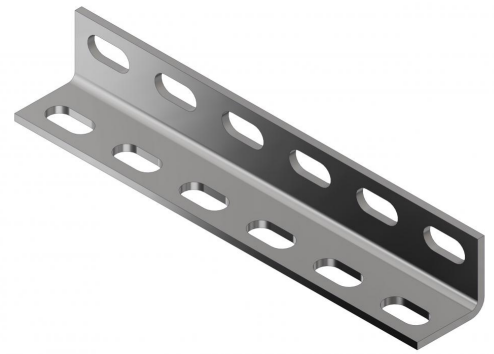
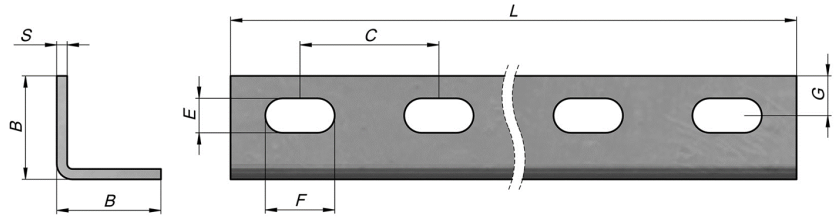
- These multi purpose fixing elements offer numerous possibility of assembly fixtures to be manufactured
- Compared to L & C channels, It has a higher load capacity
- Easy and safe assembly
- Can be cut to required length
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



Code No	Size (mm)	A	B	s	G	F	E	C	L	Weight
		mm	mm	mm	mm	mm	mm	mm	mm	Kg
AMT-PUP-303030	30 x 30 x 3	30	30	3	12	20	10	40	2000	3.25
AMT-PUP-304040	40 x 40 x 3	40	40	3	17	25	12.5	40	2000	4.43
AMT-PUP-404040	40 x 40 x 4	40	40	4	15	25	12.5	40	2000	5.66
AMT-PUP-405050	50 x 50 x 4	50	50	4	20	25	12.5	40	2000	7.54

Perforated L Profile

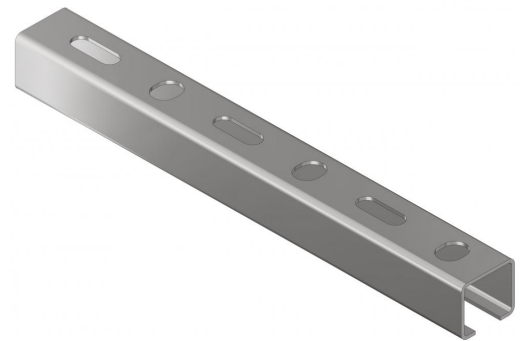
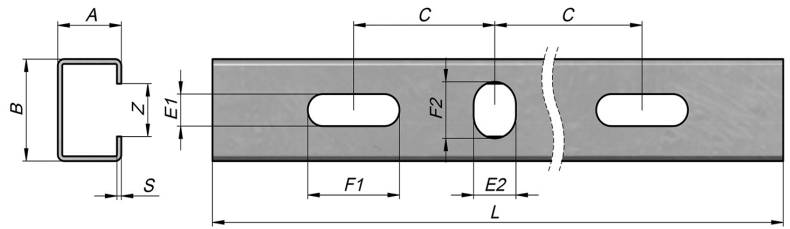
- These multi purpose fixing elements offer numerous possibility of assembly fixtures to be manufactured
- Easy and safe assembly
- Can be cut to required length
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



Code No	Size (mm)	A	B	s	G	F	E	C	L	Weight
		mm	mm	mm	mm	mm	mm	mm	mm	Kg
AMT-PLP-303030	30 x 30 x 3	30	30	3	11.5	20	10	40	2000	2.12
AMT-PLP-304040	40 x 40 x 3	40	40	3	14	25	12.5	40	2000	2.83
AMT-PLP-404040	40 x 40 x 4	40	40	4	13	25	12.5	40	2000	3.65
AMT-PLP-405050	50 x 50 x 4	50	50	4	14	25	12.5	40	2000	4.90

Perforated C Profile

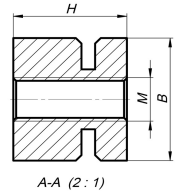
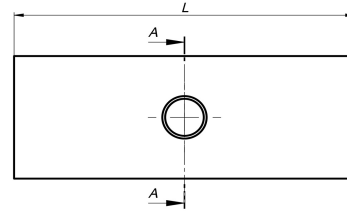
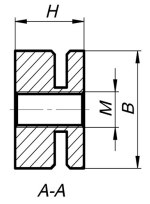
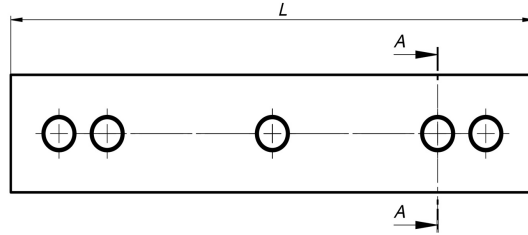
- These multi purpose fixing elements offer numerous possibility of assembly fixtures to be manufactured
- Compared to U & L channels, it is economical and has a higher load capacity
- Easy and safe assembly
- Can be cut to required lenght
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



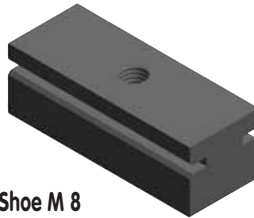
Code No	Size (mm)	A	B	S	Z	E1 x F1	E2 x F2	C	L	Weight
		mm	mm	mm	mm	mm	mm	mm	mm	Kg
AMT-PCP-1827125	27 x 18 x 1.25	18	27	1.25	14	8.5 x 25	12 x 15	40	4000	-
AMT-PCP-2830175	28 x 30 x 1.75	28	30	1.75	14	9.0 x 25	12 x 15	40	4000	7.60
AMT-PCP-384020	38 x 40 x 2.00	38	40	2.00	16.5	9.0 x 25	12 x 15	40	4000	14.86

Light Duty Sliding Shoe

- Compensation length limited only by channel length
Most suitable for plastic piping where there are extensive expansions
- Pipes can either be suspended or supported from below
- Can also be used for vertical pipes

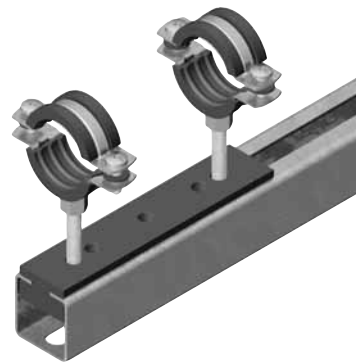
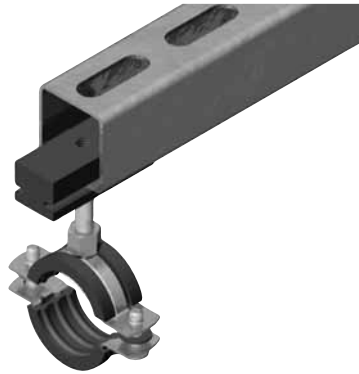


Sliding Shoe M 10



Sliding Shoe M 8

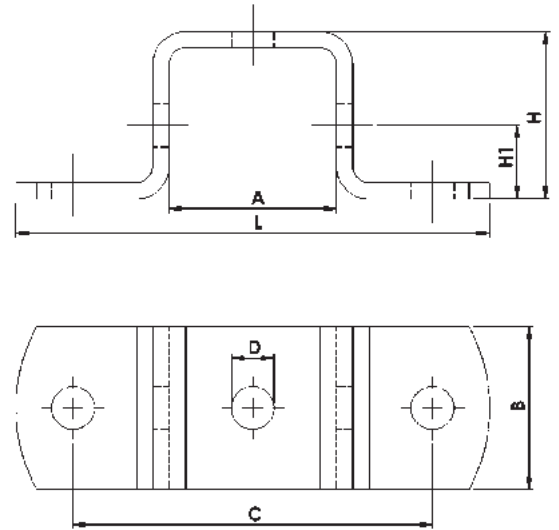
Size	Recommended Load
mm	(kN)
M 8	1
M 10	1



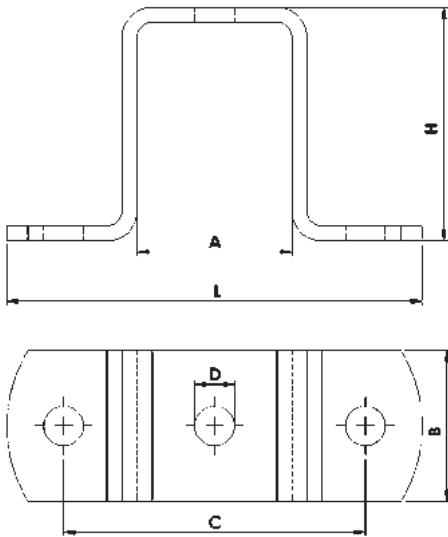
Code No	Thread Size	Suitable For Channel	L	B	H	Unit Weight
		mm	mm	mm	mm	Gr.
AMT-KP-2718008	M8	27 x 18 x 1.25	60	22,5	20	34,00
AMT-KP-2718010	M10	27 x 18 x 1.25	60	22,5	20	34,00
AMT-KP-3840010	M10	38 x 40 x 2.00	75	32,0	20	52,00
AMT-KP-3840012	M12	38 x 40 x 2.00	75	32,0	20	52,00
AMT-KP-3840110	M10	38 x 40 x 2.00	152	32,0	20	112,90
AMT-KP-3840112	M12	38 x 40 x 2.00	152	32,0	20	112,90

Assembly Bracket

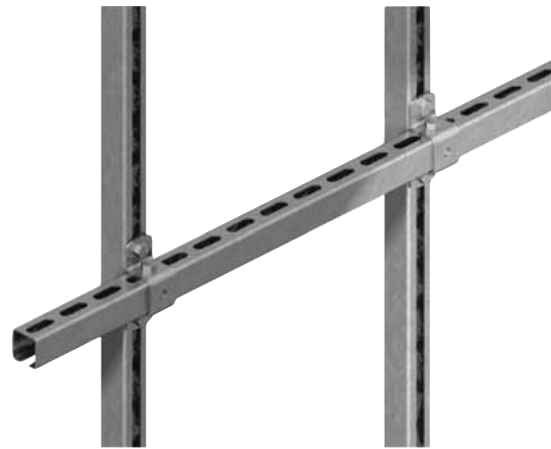
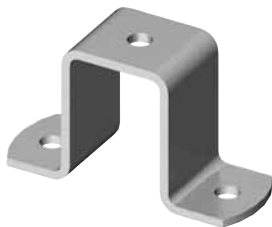
- The bracket is suitable for assembling C channels to each other
- Provides easy and safe assembly
- Provides cross assemble of channels in order to form shelving systems
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



for 18 / 27 and 38 / 40 profiles



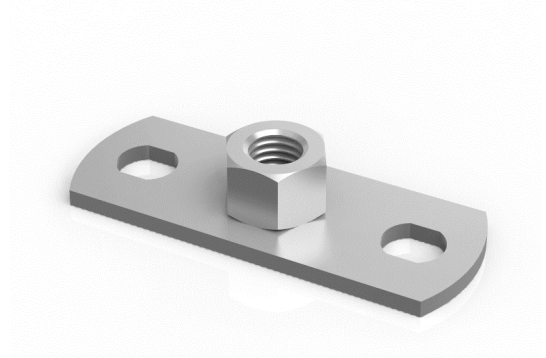
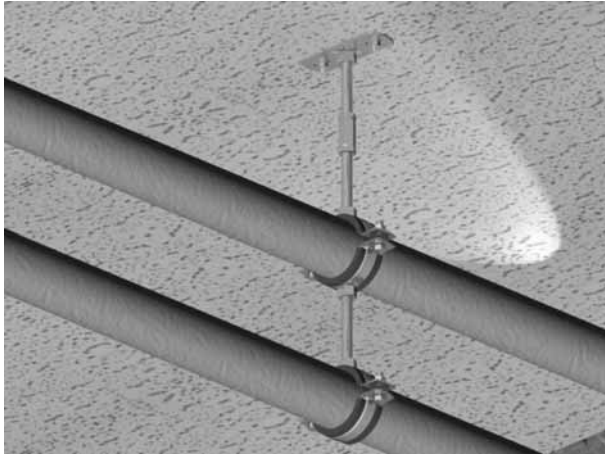
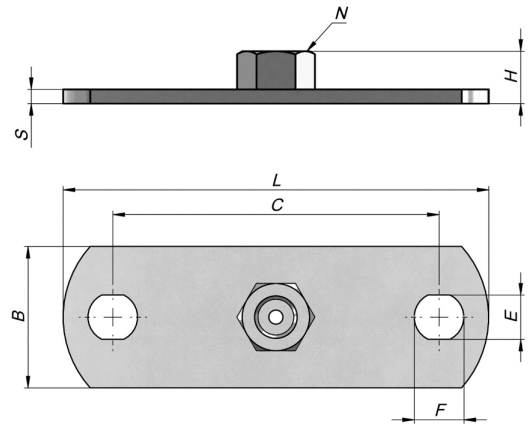
for 40 / 60 profiles



Code No	Size (mm)	A	H	B	C	D	L	H1	Quantity / Box	Weight / Box
		mm	mm	mm	mm	mm	mm	mm	Kg	Kg
AMT-AB-182730	18 / 27	30	31	25	80	∅ 9	100	15	25	2.5
AMT-AB-384041	38 / 40	41	41	40	88	∅ 10.5	116	18	25	5.17
AMT-AB-406041	40 / 60	41	64	40	80	∅ 10.5	110	-	25	6.45

Base Plate With Nut

- Baseplates are used for fastening of heavy duty pipe clamps to ceilings, floors and walls
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)

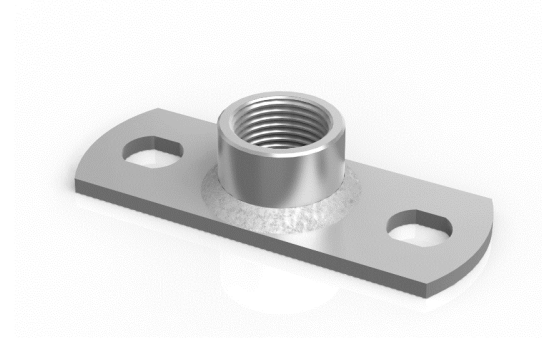
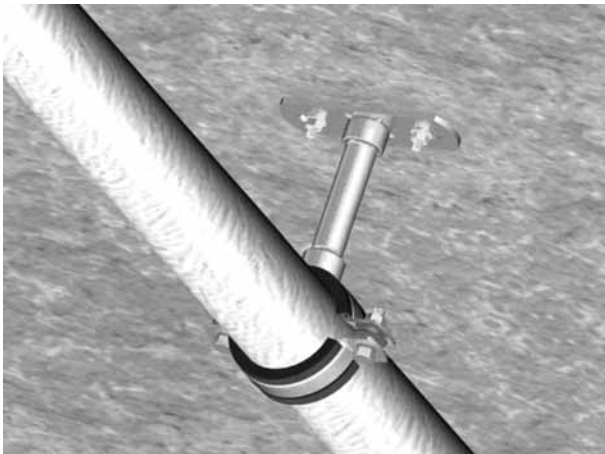
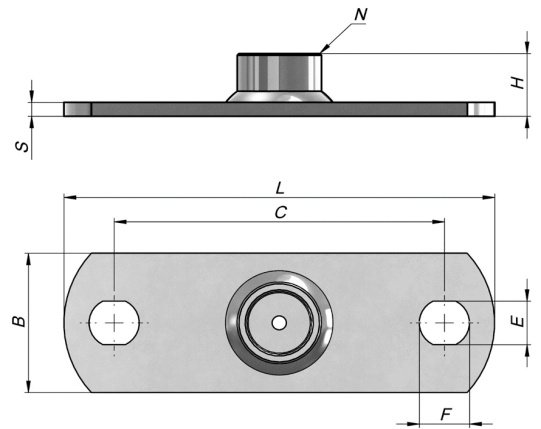


Size	Recommended Load
mm	(kN)
3 x 30 x 80	2.2
4 x 40 x 120	3.0

Code No	Base Plate Size	M / Nut Size	L	B	H	F	E	C	s	Quantity / Box	Weight / Box
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
AMT-BPN-308	3 x 30 x 80	M 8	80	30	15	18	9	52	3	50	2.69
AMT-BPN-310	3 x 30 x 80	M 10	80	30	16	18	9	52	3	50	3.05
AMT-BPN-312	3 x 30 x 80	M 12	80	30	18	18	9	52	3	50	3.36
AMT-BPN-408	4 x 40 x 120	M 8	120	40	16	18	11	80	4	50	7
AMT-BPN-410	4 x 40 x 120	M 10	120	40	17	18	11	80	4	50	7.4
AMT-BPN-412	4 x 40 x 120	M 12	120	40	18	18	11	80	4	50	7.71
AMT-BPN-416	4 x 40 x 120	M 16	120	40	22	18	11	80	4	50	8.67

Base Plate With Sleeve

- Baseplates are used for fastening of heavy duty pipe clamps to ceilings, floors and walls
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)

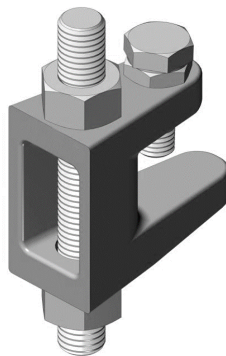
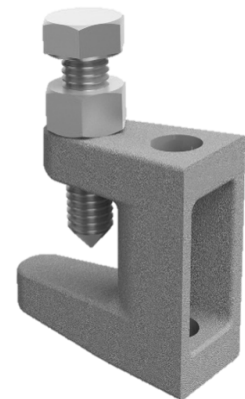
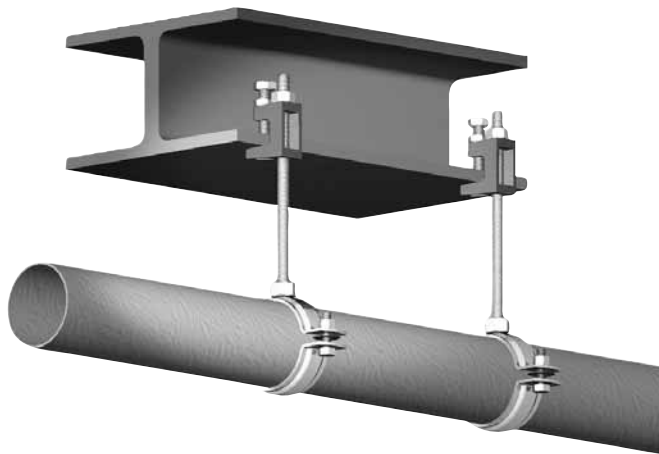
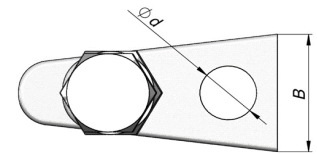
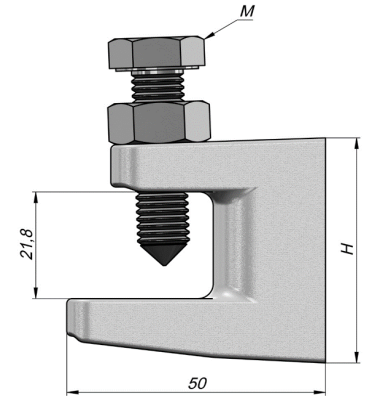


Size	Recommended Load
mm	(kN)
4 x 40 x 120	5

Code No	Base Plate Size	M / Sleeve Size	A	B	C	G	H	E	s	Quantity / Box	Weight / Box
	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm
AMT-BPS-15	4 x 40 x 120	1/2"	120	40	19	18	11	80	4	50	8.3
AMT-BPS-20	4 x 40 x 120	3/4"	120	40	21	18	11	80	4	50	8.62
AMT-BPS-25	4 x 40 x 120	1"	120	40	25	18	11	80	4	50	11.55

Beam Clamp

- For suspending of piping, airducts and sprinkler systems from steel constructions and profiles with threaded rods
- No drilling or welding needed
- Height adjustments can easily be accomplished
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)

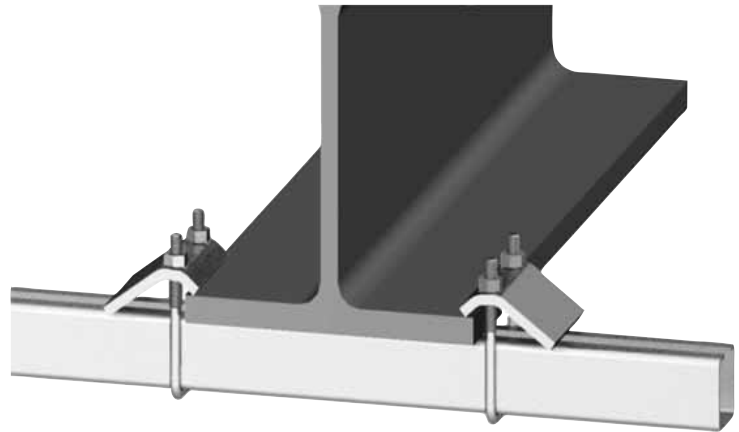
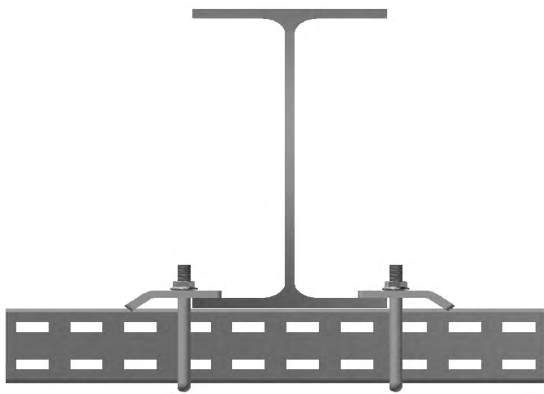
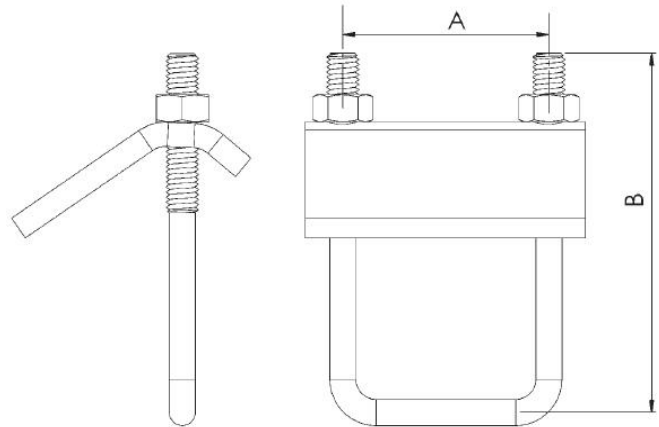


Size	Recommended Load
	(kN)
M8	1.2
M10	2.5

Code No	Size	Clamp Range-N	A	B	C	ϕD	E	M	Quantity / Box	Weight / Box
		mm	mm	mm	mm	mm	mm	mm	mm	Kg
AMT-BC-08	M8	18	21	19	35	9	38	M8	50	8
AMT-BC-010	M10	20	23	21	42	11	44	M10	50	8.46

Pressure Plate With Square Bolt

- It is used for fixing channel profiles to structural steels
- No drilling and welding necessary
- It is very easy to adjust the position of the profile
- Supplied as preassembled
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)

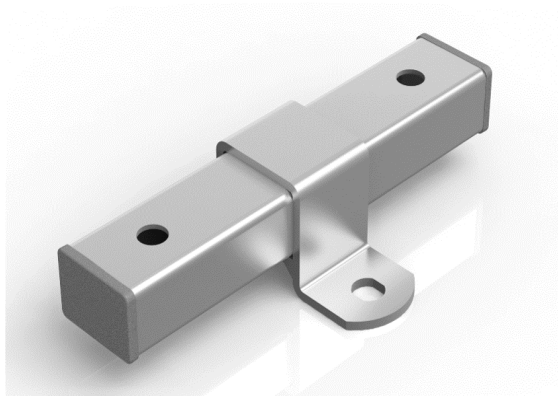
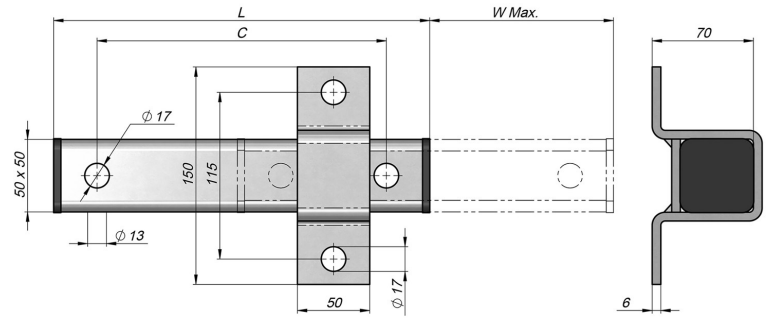


Size	Suitable Profile	Recommended Load
mm	mm	(kN)
M8 / 89	38 / 40	5.4
M8 / 109	40 / 60	5.9

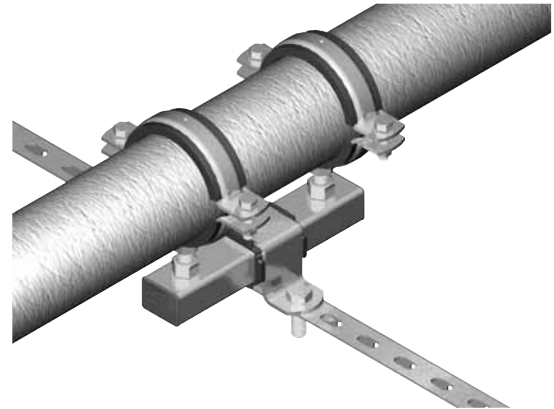
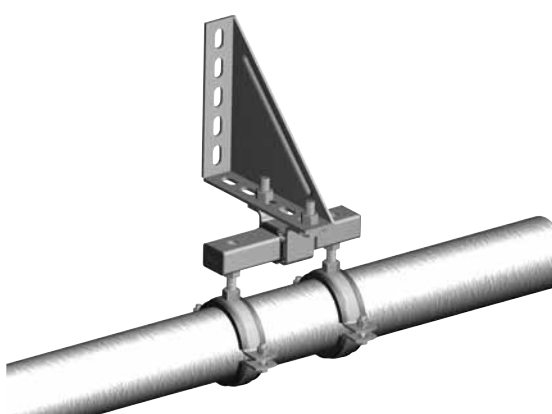
Code	Size	A	B	Quantity / Box	Weight / Box
		mm	mm		
AMT-PPB-0889	M 8	51.5	89	20	5.6
AMT-PPB-08109	M 8	51.5	109	20	5.9

Slide Guide

- It is used in industrial establishments for the compensation of the thermal expansion that is caused by temperature differences
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



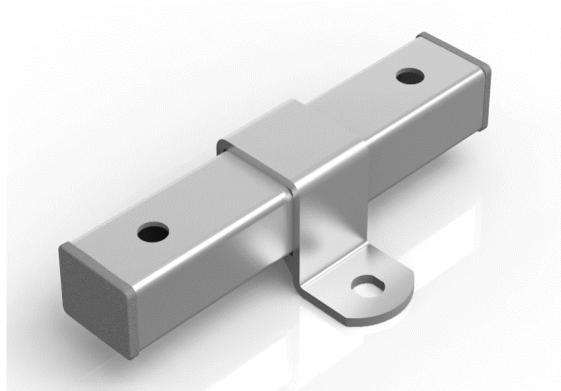
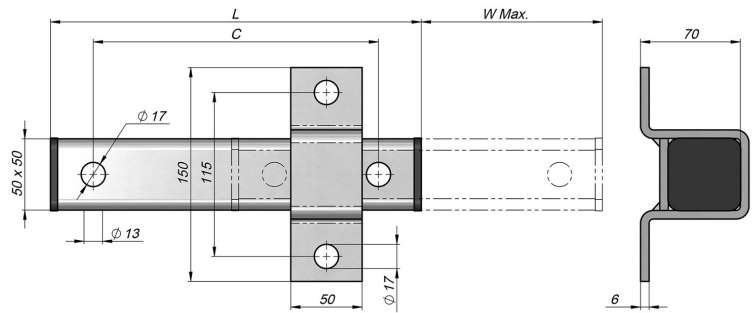
Size	Recommended Load
mm	(kN)
30 x 40 x 2	1.30



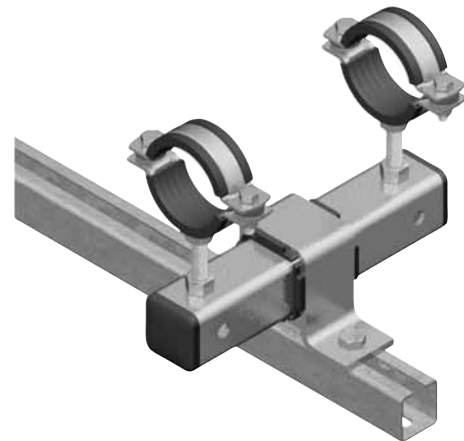
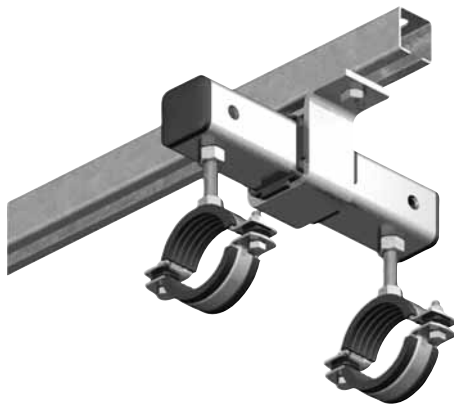
Code No	Slide Guide Size	Slide Bracket Size	M	Quantity / Box	Weight / Box
	mm	mm	mm	Pcs	Kg
AMT-SG-3040200	30 x 40 x 2 x 200	40 x 46.5 x 4	12.5	25	17.38
AMT-SG-3040250	30 x 40 x 2 x 250	40 x 46.5 x 4	12.5	25	19.92

Heavy Duty Slide Guide

- It is used in industrial establishments for the compensation of the thermal expansion that is caused by temperature differences
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



Size	Recommended Load
mm	(kN)
50 x 50 x 4	7.65

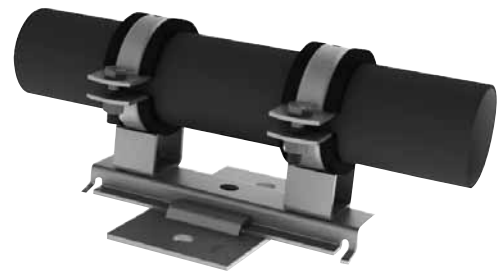
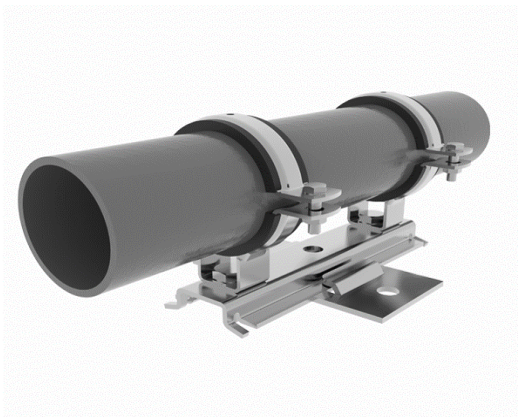
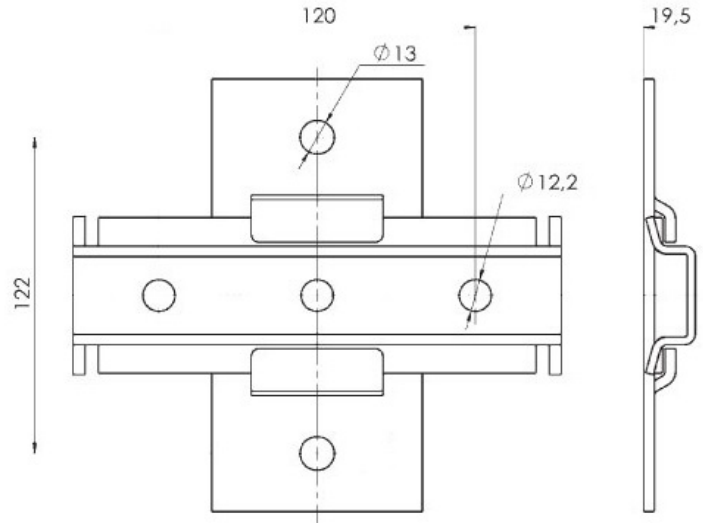


Code No	Slide Guide Size	Slide Guide Size	Quantity / Box	Weight / Box (Kg)
	mm	mm	mm	mm
AMT-HDSG-5050250	50 x 50 x 4	50 x 56.5 x 6	10	22.6

MDQSG

Medium Duty Quick Sliding Guide

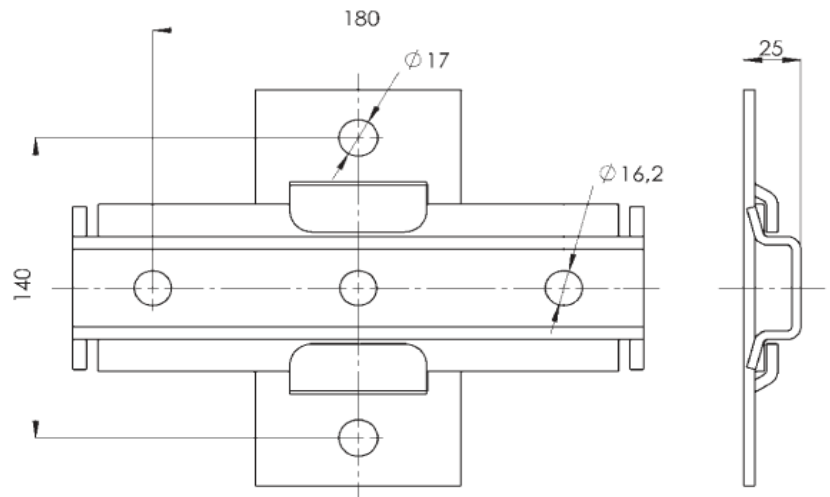
- It is used in industrial establishments for the compensation of the thermal expansion that is caused by temperature differences
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



Code No	Clamp Connection	Clamp	Quantity / Box	Weight / Box	Recommended Load (KN)
		mm	mm	mm	mm
AMT-MDQSG	M8 - M10	1/2" - 3"	20	16	1.3

Heavy Duty Quick Sliding Guide

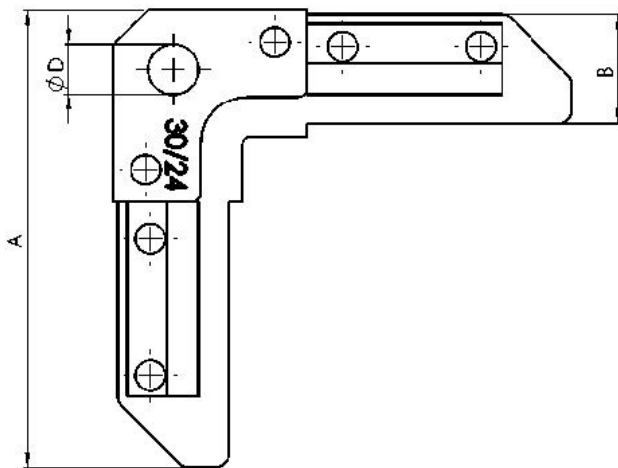
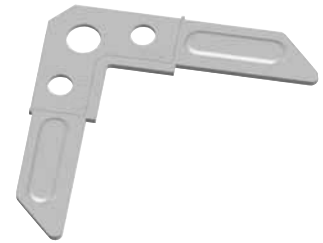
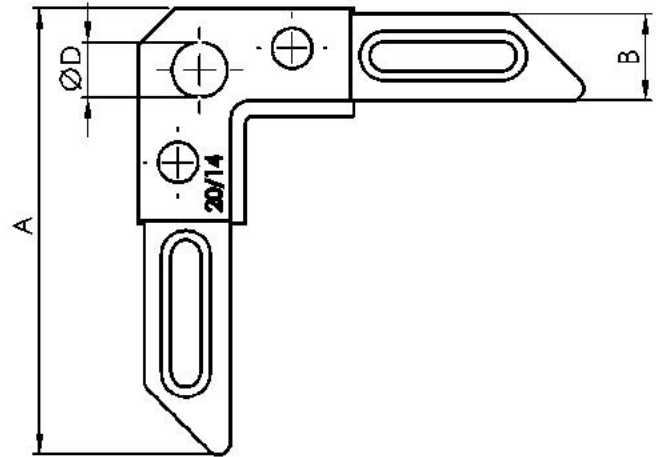
- It is used in industrial establishments for the compensation of the thermal expansion that is caused by temperature differences
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)



Code No	Clamp Connection	Clamp	Quantity / Box	Weight / Box	Recommended Load (KN)
		mm	mm	mm	mm
AMT-HDQSG	M10 - M12 - M16	4" - 10"	10	15	7.6

Ventilation Duct Angle Piece

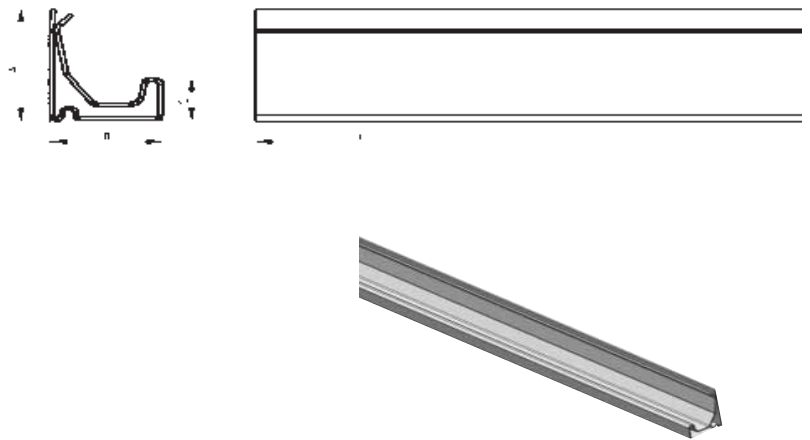
- Angle piece that is mounted to the flanges of rectangular air ducts, to enable their assembly to each other from the corners
- The fixing bolt must be the same dimension with the ventilation clamp bolts , to accomplish the loading values in the catalogue.
- Electro galvanized against corrosion protection (plating thickness 8-10 micron)



Code	A	B	Ø D	Quantity / Box	Weight / Box (Kg)
	mm	mm	mm		
AMT-VDAP-2014	71	18	9	500	13
AMT-VDAP-3024	105	27	11	200	15

Ventilation Flange

- Flange profiles cut in to desired lengths and assembled as frame use for air ventilation system assembly.
- Flange is produced in our facility by rollforming method.
- Galvanized sheet is used as raw materials.
- Sizes of 20 and 30 mm can be produced.
- 4 meters length is our standart product. In case of special requests, between 1 m to 6 m can be produced.

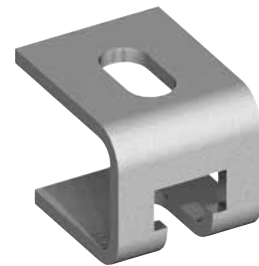
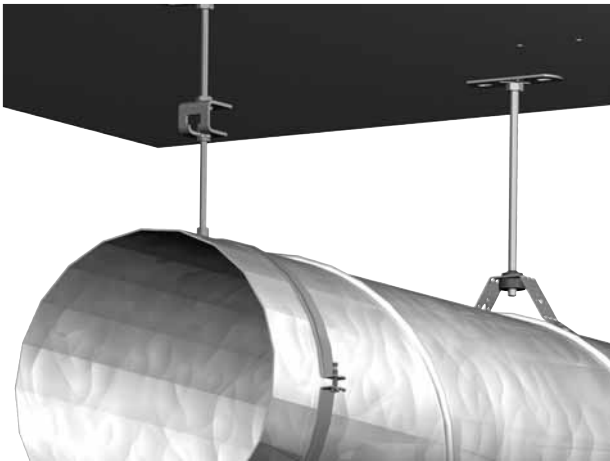
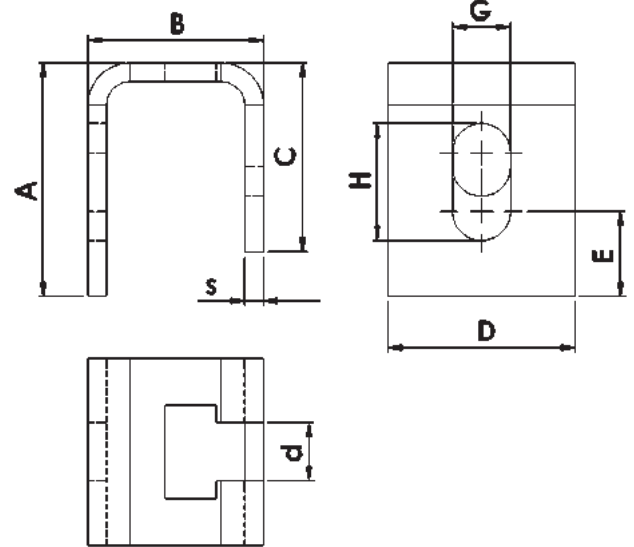


Code	Size	A	B	C	L
AMT-VFP-020	20 / 14	27	20	10	4000
AMT-VFP-030	30 / 14	27	30	10	4000

HA

Height Adjusters

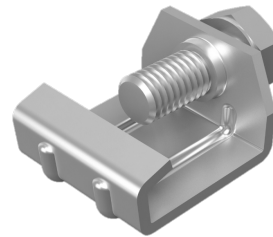
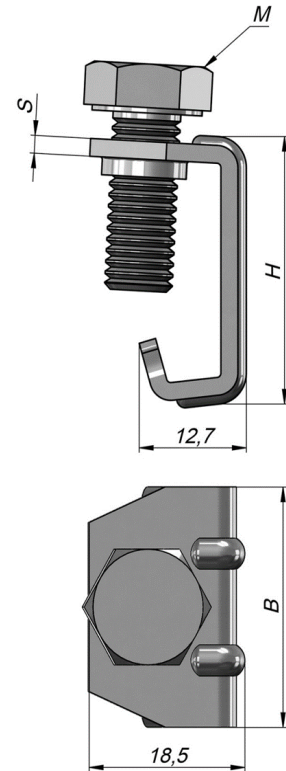
- Used for hanging light loads from the ceiling
- Used with threaded rods (M8,M10,M12) enabling height adjustment
- Electro galvanized against corrosion protection (Plating thickness 8-10micron)



Code No	Size (mm)	A	B	C	D	d	E	G	H	s	Quantity / Box Weight / Box (Kg)	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
AMT-HA-12	M 12	50	40	40	40	13	18	13	25	4	100	11.7

G Clip

- The most ideal and economic element for assembling air ducts to each other from the flanges .
- Easy clamping of profiles with the help of bolt screws.
- It has a rigid construction for high load carrying capacity.
- The clamp bolt must be the same dimensions with the flange bolts, to accomplish the loading values in the catalogue.
- Electro galvanized against corrosion protection (plating thickness 8-10 micron)

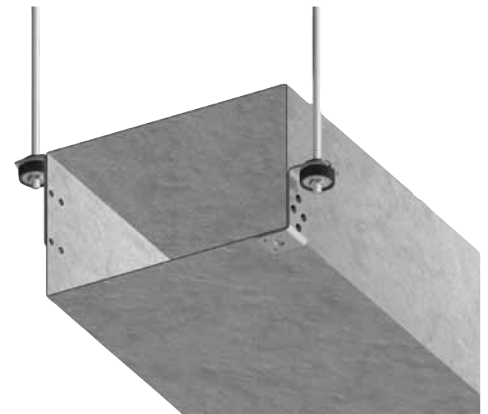
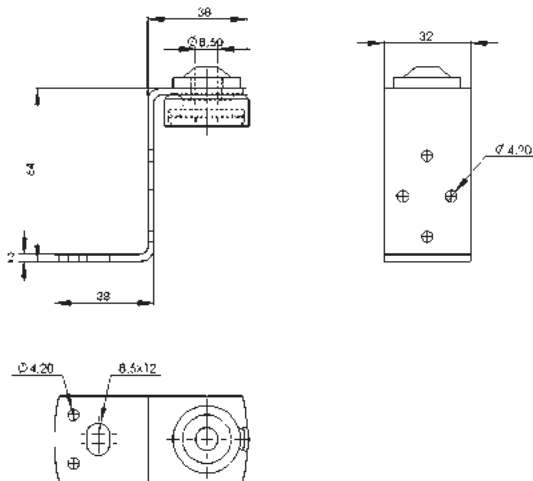
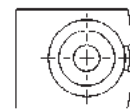
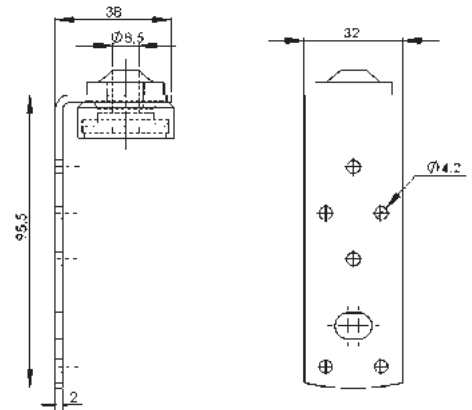


Code	S	A	C°	D	E	Quantity / Box	Weight / Box (Kg)
AMT-GC-08	2	28	95	13	20,5	150	5,40

L and Z Hanging Parts

- Fixing elements for easy and simple assembly of air ducts
- Allow height adjustment with threaded rods
- Can be mounted to the ceiling directly
- Must be fixed with rivets to air ducts
- EPDM protection nozzle to prevent friction between rods and mounted objects
- Vibration reduction
- Noise reduction level up to 18 dB
- Electro galvanized against corrosion protection (Plating thickness 8-10 micron)
- Rods, anchors and nuts should be ordered separately

LHP

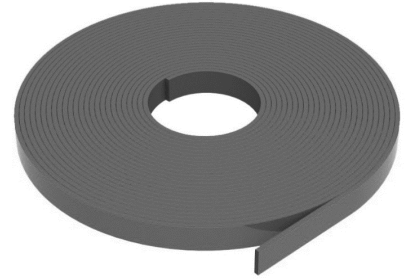


ZHP

Code	Quantity / Pack	Weight / Pack (Kg)	Recommended Load (N)
AMT-LHP	100	9.5	230
AMT-ZHP	100	9.5	230

Neoprene Seal

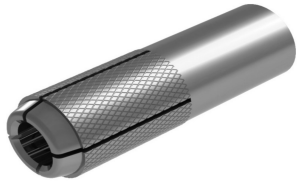
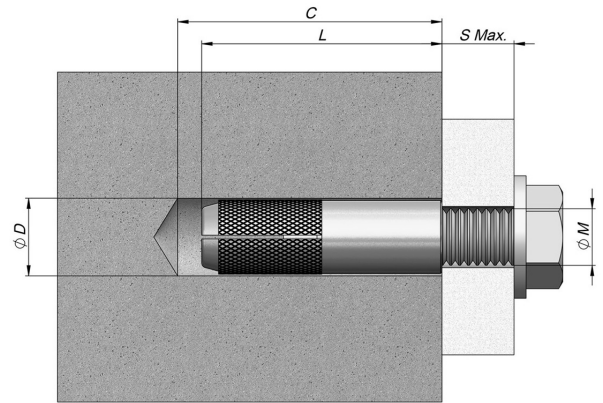
- Used in the connection places of the air canals in order to provide impermeability
- Temperature resistance 45 C
- Density : 70 kg/m³ (± 15 kg/m³)



Code No	Size	Material	Thickness (mm)	Width	Roll Length
	inch		mm		m
AMT-NS-515	5 x 15	EPDM	5	15	10
AMT-NS-520	5 x 20	EPDM	5	20	10
AMT-NS-525	5 x 25	EPDM	5	25	10
AMT-NS-530	5 x 30	EPDM	5	30	10

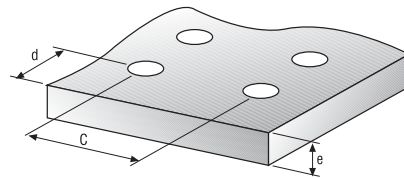
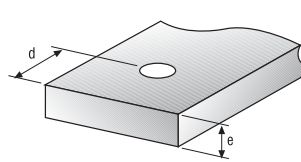
Drop - in Anchor

- An economical steel anchor that fastens safely and quickly and requires short hole in the concrete substrate
- Conical plug provides uniform expansion and safe holding
- Bolt length should be chosen according to the table
- Electro galvanized against corrosion protection (Platin thickness 5-8 micron)



Technical Data for concrete quality >B25

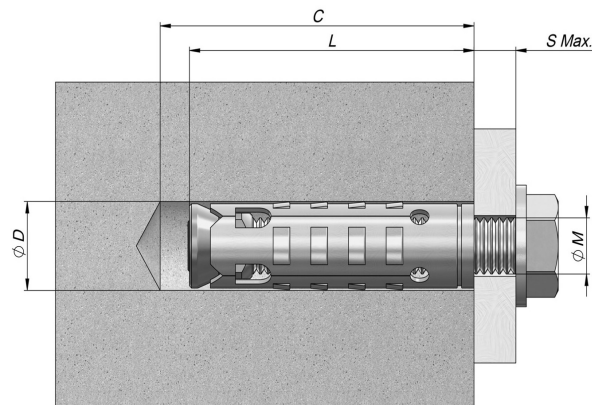
Size	M6	M8	M10	M12	M16	M20	
Max. permissible load for single anchor (kN) bolt material 5.6	1.0	1.8	3.6	5.7	7.4	11.3	
Permissible bending moment at proper edge and axial spacing (Nm) bolt material 5.6	2.5	6.2	12.5	21.8	55.8	108.2	
Threading length (min.)	V mm	6	8	10	12	16	20
Threading length (min.)	V mm	10	12	15	18	20	30
Length of the bolt to be used	Cb mm	V+t	V+t	V+t	V+t	V+t	V+t



Code No	M	L	Ø D	C	S (Max.)	Distance Between Anchor	Distance from Edge	Fastenable Thickness	Quantity / Pack	Weight / Box
		mm	mm	mm	mm	c mm	d mm	e mm		Kg
AMT-CAD-06	M 6	25	8	25	11	200	100	160	2400	15.95
AMT-CAD-08	M 8	30	10	30	13	240	120	160	1200	14.40
AMT-CAD-10	M 10	40	12	40	17	320	160	200	800	17.87
AMT-CAD-12	M 12	50	15	50	18	400	200	200	400	18.8
AMT-CAD-16	M 16	65	20	65	21	520	260	240	200	22.04
AMT-CAD-20	M 20	80	25	80	30	640	320	320	100	18.95

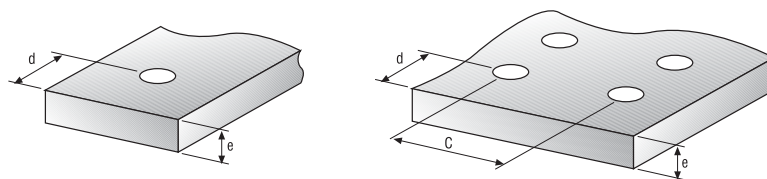
Draw - in Anchor

- Can be used with standard hex bolt or stud
- The extending tongues prevent co-rotation during installation
- Bolt length, $l = L + t$
Stud length, $l = L + t +$ thickness of washer & nut
- Electro galvanized against corrosion protection
(Platin thickness 5-8 micron)



Technical Data for concrete quality >B25

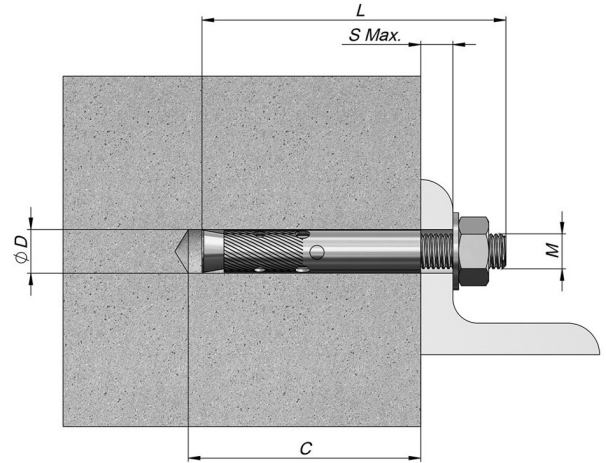
Size	M6	M8	M10	M12	M16
Max. permissible load for single anchor (kN) bolt material 5.6	0.8	3.5	5.0	7.4	8.4
Permissible bending moment at proper edge and axial spacing (Nm) bolt material 5.6	5.1	12.5	24.9	43.7	85.0



Code No	M	L	Ø D	H	t (Max.)	Distance Between Anchor	Distance from Edge	Fastenable Thickness	Quantity / Pack	Weight / Pack
		mm	mm	mm	mm	c mm	d mm	e mm		
AMT-CED-06	M 6	45	10	50	7	260	130	160	1800	11.21
AMT-CED-08	M 8 (S)	57	12	60	9	300	150	200	1200	8.05
AMT-CED-10	M 10 (S)	63	15	70	11	360	180	200	600	7.75
AMT-CED-12	M 12 (S)	75	18	85	13.5	460	250	240	300	10.65
AMT-CED-16	M 16	90	24	110	17.5	520	250	320	100	10

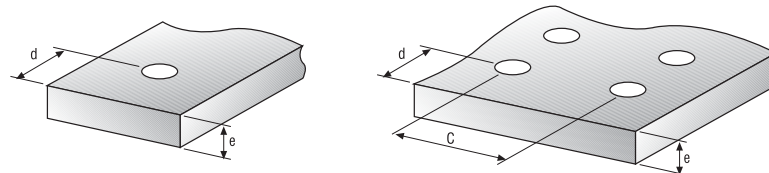
Sleeve Anchor

- Economic and fast means of anchoring for medium load and low quality concrete
- The sleeve which easily expands even in short holes and light loads insures safe anchoring and fastening properties
- Suitable for fastening of vibrating elements
- Electro galvanized against corrosion protection (Plating thickness 5-8 micron)



Technical Data for concrete quality >B25

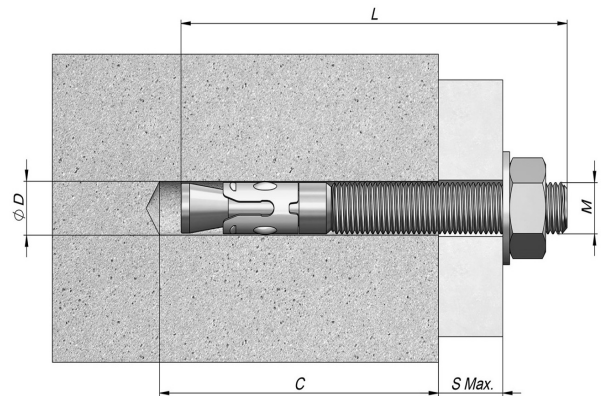
Size	M6	M8	M10	M12
Max. permissible load for single anchor (kN)	1.5	2	3.0	5.0
Permissible bending moment at proper edge and axial spacing (Nm)	3.2	5.2	12.9	25.7



Code No	M	L	ϕD	H	† (Max.)	Distance	Distance	Fastenable	Quantity / Pack	Weight / Pack
						Between Anchor	from Edge	Thickness		
		mm	mm	mm	mm	c mm	d mm	e mm		Kg
AMT-SGD-06050	M 6	46	8	55	8	130	90	100	800	12.6
AMT-SGD-06065	M 6	65	8	75	30	130	90	100	600	12.6
AMT-SGD-08055	M 8	55	10	65	10	160	100	120	400	12.4
AMT-SGD-08075	M 8	75	10	80	35	160	100	120	300	12.7
AMT-SGD-08100	M 8	100	10	110	40	160	100	120	200	13.4
AMT-SGD-10070	M 10	70	12	80	15	200	125	140	200	12.15
AMT-SGD-10085	M 10	85	12	95	40	200	125	140	200	14.55
AMT-SGD-10110	M 10	110	12	120	60	200	125	140	100	9.2
AMT-SGD-12075	M 12	75	16	85	15	220	140	160	150	15.3
AMT-SGD-12090	M 12	90	16	100	50	220	140	160	100	12
AMT-SGD-12110	M 12	110	16	120	70	220	140	160	100	14.1

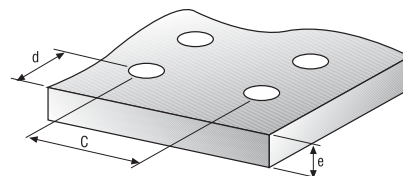
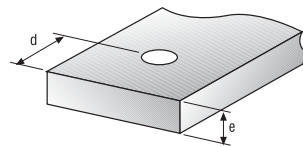
Monoclip Anchor

- Provides fast and easy setting
- Drill hole diameter=bolt diameter
- Suitable for anchoring at ceilings
- Suitable for fixing metal profiles, consoles and etc.
- Electro galvanized against corrosion protection (Platin thickness 5-8 micron)
- Upon request can be manufactured stainless steel material (A2 & A4)



Technical Data for concrete quality >B25

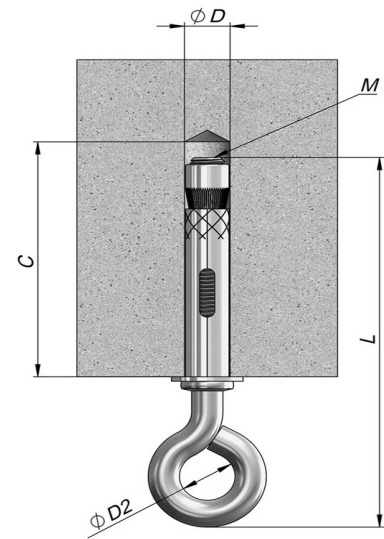
Size	M8	M10	M12	M16
Max. permissible load for single anchor (kN)	1.4	2.3	3.2	5.8
Permissible bending moment at proper edge and axial spacing (Nm)	11.7	23.4	34.9	88.8



Code No	M	L	Ø D	H	hv	t (Max.)	Distance Between Anchor	Distance from Edge	Fastenable Thickness	Quantity / Pack	Weight / Pack
		mm	mm	mm	mm	mm	c mm	d mm	e mm		Kg
AMT-KLD-0875	M 8	75	8	60	45	9	260	130	100	400	12.16
AMT-KLD-8120	M 8	120	8	105	65	9	260	130	100	150	6.5
AMT-KLD-1090	M 10	90	10	80	55	12	300	150	120	200	11.57
AMT-KLD-10120	M 10	120	10	110	55	12	300	150	120	150	11.64
AMT-KLD-12110	M 12	110	12	100	65	14	360	180	140	120	13.07
AMT-KLD-16145	M 16	145	16	130	85	18	460	230	160	50	12.25

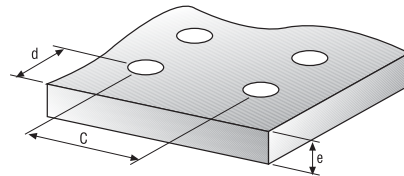
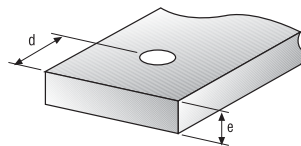
Hook Suspension Anchor

- Fast and easy means of anchoring
- The sleeve which easily expands even in short holes and light loads insures safe anchoring and fastening properties
- Suitable for fastening of vibrating elements
- Electro galvanized against corrosion protection (Plating thickness 5-8 micron)



Technical Data for concrete quality >B25

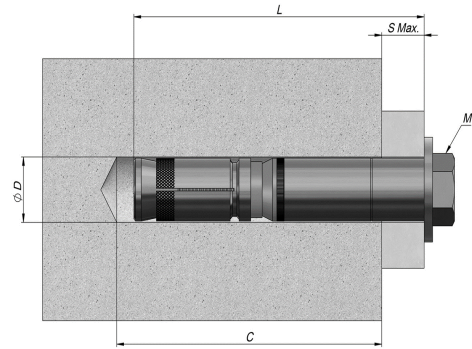
Size	M6	M8	M10
Max. permissible load for single anchor (kN)	0.5	0.8	1.5



Code No	M	L	ø D	H	ø k	Distance Between Anchor	Distance from Edge	Fastenable Thickness	Quantity / Pack	Weight / Pack
						c mm	d mm	e mm		
AMT-KNC-06	M 6	75	8	75	11	140	90	100	300	7.51
AMT-KNC-08	M 8	110	10	80	13	160	100	120	150	10.125
AMT-KNC-10	M 10	120	12	90	15	200	125	140	100	11.089
AMT-KNCA-06	M 6	75	8	75	11	140	90	100	300	7.51
AMT-KNCA-08	M 8	110	10	80	13	160	100	120	150	10.125
AMT-KNCA-10	M 10	120	12	90	15	200	125	140	100	11.089

Heavy Duty Anchor

- Provides fast and easy setting
- Drill hole diameter=bolt diameter
- Suitable for anchoring at ceilings
- Suitable for fixing metal profiles, consoles and etc.
- Electro galvanized against corrosion protection (Platin thickness 5-8 micron)
- Upon request can be manufactured stainless steel material (A2 & A4)



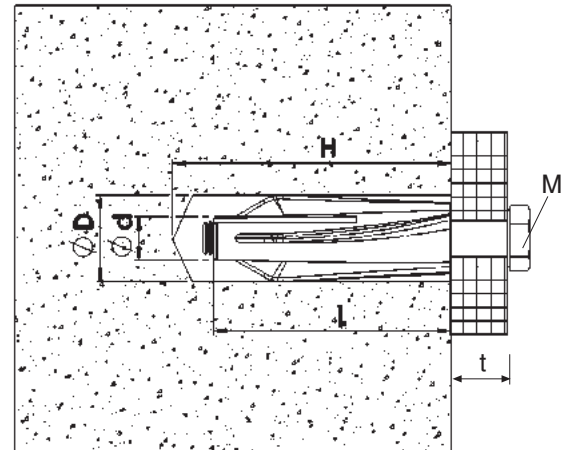
Technical Data for concrete quality >B25

Size	M8	M10	M12	M16
Recommended load for single anchor (kN)	3.5	5.0	7.4	8.4
Contortion moment (Nm)	25.0	50.0	80.0	180.0

Code No	M	L	Ø D	S (Max.)	C	E (Min.)	F (Min.)	G (Min.)	Drill Hole Diameter	Quantity / Pack	Weight / Pack
		mm	mm	mm	mm	mm	mm	mm	mm	Pcs	Kg
AMT-AYD-10	M 10	125	14	25	120	500	260	200	12	100	15.00
AMT-AYD-12	M 12	130	18	25	120	600	300	240	12	80	6.5
AMT-AYD-16	M 16	140	24	40	130	800	400	300	15	40	11.57
AMT-AYD-20	M 20	200	28	60	180	1000	550	350	18	20	11.64

Nylon Plug For Aerated Concrete

- It is a plastic anchor designed specially for aerated concrete
- Friction surface and diameter is almost double of the core diameter because of the spiral wings
- Because of the high plastic quality;no breaking, bending and cracking during setting
- Appropriate bolt length should be chosen taking into account the thickness of the material to be fastened



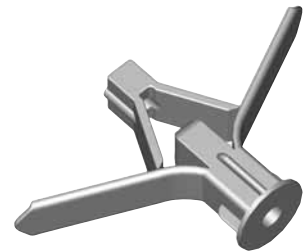
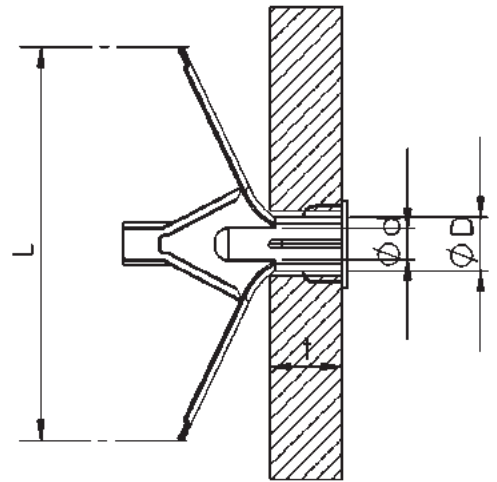
Technical Data for concrete quality >B25

Size	M8	M10
Max. permissible load for single anchor (kN)	0.2	0.3

Code No	Size	Screw Size	L	Ø d	Ø D	H	t max.	Distance Between Anchor	Distance from Edge	Fastenable Thickness	Quantity / Pack	Weight / Pack
AMT-GBD-08	M 8	5 x 70	50	5	8	60	5	100	75	75	1000	3.67
AMT-GBD-10	M 10	7 x 80	55	7	10	65	8	150	100	100	700	4.28

Butterfly Plug

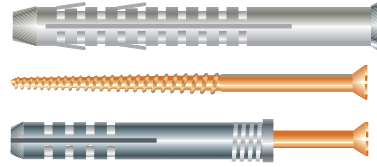
- It is a plastic anchor used in fastening to gypsum plasterboard, wood and thin substrates etc.
- With special wings, provides safe installation
- Proper screw lengths should be chosen
- The anchor chosen must be suitable to the thickness of the wall



Code No	Size No	L	Screw Size ϕ	ϕ d	ϕ D	t max.	Quantity / Pack	Weight / Pack
		mm	mm	mm	mm	mm		Kg
AMT-BP-02	2	29	4 x 40	4	10	10	500	1.02
AMT-BP-03	3	37	4 x 50	4	10	12	500	1.2

Nylon Plugs

Set For Hollow Bricket



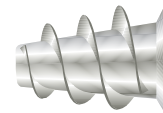
Size / Code		M 8	M 10	M 10
		9AL229508100	9AL2295210100	9AL2295210140
Drill diameter	ø mm	8	10	10
Anchor lenght	mm	100	100	140
Hole depth	mm	90	100	100
Screw size	mm	M 5.5	M 7	M 7
Permissible load (hollow brick)	kN	2.1	3.4	3.4
Permissible load (solid brick)	kN	1.6	2.2	2.2
Permissible load (aerated concrete)	kN	1.9	3.5	3.5

Mega Cavity Plug



Size / Code		M 8	M 10
		9AL2100008	9AL2100010
Drill diameter	ø mm	8	10
Gypsum board thickness	mm	10	15
Anchor lenght	mm	50	60
Screw lenght	mm	5.0 - 6.0	6.0 - 7.0
Permissible load (brick)	kN	1.2	1.3
Permissible load (aerated concrete G2)	kN	0.6	1.1
Permissible load (aerated concrete G4)	kN	0.9	1.8

Turbo Let

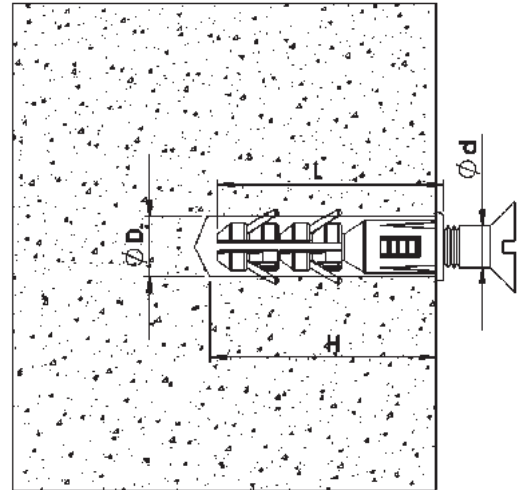


Size / Code		STANDARD 9AL26000480
		Anchor head diameter
Anchor lenght	mm	24
Wood screw	mm	4 - 5.5
Chip board screw	mm	4 - 6
Permissible load (aerated concrete 9.5)	kN	0.46
Permissible load (aerated concrete 12)	kN	0.57

SNP

Standard Nylon Plug

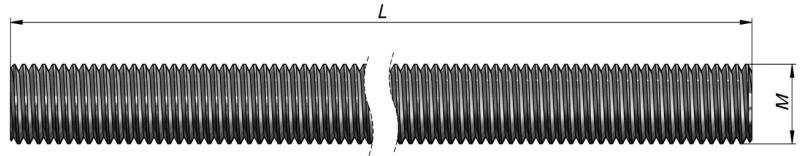
- It is a plastic anchor that can withstand high pullout loads because of its special profile and provides safe and easy fastening
- Because of the high plastic quality;no breaking, bending and cracking during setting
- The screw sizes should be suitable to the plastic anchor size
- For a safe application, correct drill size should be chosen



Code No	Size No	Color	L	Ø D	H	Ø d	Quantity / Pack	Weight / Pack
		mm	mm	mm	mm	mm		
AMT-SNP-06	M 6	GREY	30	6	40	3.5 - 5	1000	0.58
AMT-SNP-07	M 7	GREEN	35	7	45	4- 5.5	1000	0.81
AMT-SNP-08	M 8	BLUE	40	8	50	4.5 - 6	1000	1.23
AMT-SNP-10	M 10	RED	45	10	55	6 - 8	1000	1.71
AMT-SNP-12	M 12	GREY	55	12	65	8 - 10	500	1.91

Threaded Rod

- They are used as fasteners (connectors) in hanging systems
- Can be manufactured in any length required
- Our standard product quality is 5.6
- Can be manufactured upon request from 5.6 or 8.8 quality steel
- Electro galvanized against corrosion protection (Plating thickness 5-8 micron)

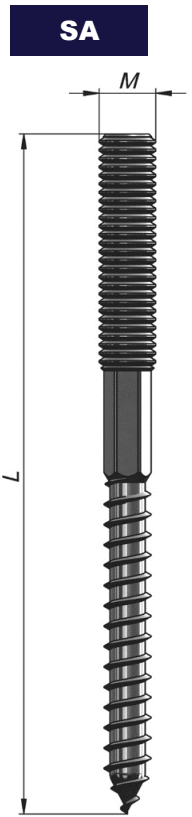


Size	Recommended Load
	(kN)
M 8	3.0
M 10	4.6
M 12	6.7
M 14	9.0
M 16	12.5
M 18	18.0
M 20	19.6
M 24	28.2
M 30	40.4

Code No	Size	Rod Size (M)	L	Weight
	mm		mm	Kg
AMT-TR-061000	6 x 1000	M 6	1000	0.17
AMT-TR-062000	6 x 2000	M 6	2000	0.34
AMT-TR-081000	8 x 1000	M 8	1000	0.31
AMT-TR-082000	8 x 2000	M 8	2000	0.62
AMT-TR-101000	10 x 1000	M 10	1000	0.49
AMT-TR-102000	10 x 2000	M 10	2000	0.98
AMT-TR-121000	12 x 1000	M 12	1000	0.71
AMT-TR-122000	12 x 2000	M 12	2000	1.42
AMT-TR-141000	14 x 1000	M 14	1000	0.97
AMT-TR-142000	14 x 2000	M 14	2000	1.94
AMT-TR-161000	16 x 1000	M 16	1000	1.30
AMT-TR-162000	16 x 2000	M 16	2000	2.60
AMT-TR-181000	18 x 1000	M 18	1000	1.61
AMT-TR-201000	20 x 1000	M 20	1000	2.04
AMT-TR-241000	24 x 1000	M 24	1000	2.94
AMT-TR-301000	30 x 1000	M 30	1000	4.67

Screw Adapter

- Screw adapter with wood and metric thread
- Electro galvanized against corrosion protection (Plating thickness 5-8 micron)



Code No	M	A	Quantity / Pack	Quantity / Weight
		mm	Piece	Kg
AMT-SA-08080	M 8	80	250	5.50
AMT-SA-08100	M 8	100	250	6.20
AMT-SA-08120	M 8	120	250	8.80
AMT-SA-10100	M 10	100	250	10.25
AMT-SA-10120	M 10	120	250	12.30

Hexagon Bolt - DIN 933

Code No	M	Lenght	Quantity / Pack	Weight / Pack
		mm		
AMT-HB-0615	M 6	15	100	0.5
AMT-HB-0620	M 6	20	100	0.56
AMT-HB-0625	M 6	25	100	0.66
AMT-HB-0630	M 6	30	100	0.74
AMT-HB-0640	M 6	40	100	0.92
AMT-HB-0650	M 6	50	100	1.07
AMT-HB-0660	M 6	60	100	1.2
AMT-HB-0670	M 6	70	100	1.5
AMT-HB-0815	M 8	15	100	1.02
AMT-HB-0820	M 8	20	100	1.16
AMT-HB-0825	M 8	25	100	1.33
AMT-HB-0830	M 8	30	100	1.46
AMT-HB-0835	M 8	35	100	1.62
AMT-HB-0840	M 8	40	100	1.8
AMT-HB-0845	M 8	45	100	1.96
AMT-HB-0850	M 8	50	100	2.1
AMT-HB-0855	M 8	55	100	2.24
AMT-HB-0860	M 8	60	100	2.41
AMT-HB-0870	M 8	70	100	2.72
AMT-HB-0890	M 8	90	100	3.68
AMT-HB-08100	M 8	100	100	3.99
AMT-HB-1015	M 10	15	100	1.94
AMT-HB-1020	M 10	20	100	2.23
AMT-HB-1025	M 10	25	100	2.4
AMT-HB-1030	M 10	30	100	2.64
AMT-HB-1035	M 10	35	100	2.89
AMT-HB-1040	M 10	40	100	3.17
AMT-HB-1045	M 10	45	100	3.47
AMT-HB-1050	M 10	50	100	3.67
AMT-HB-1055	M 10	55	100	3.82
AMT-HB-1060	M 10	60	100	4.43
AMT-HB-1070	M 10	70	100	4.99
AMT-HB-10100	M 10	100	100	6.61
AMT-HB-1220	M 12	20	100	3.11
AMT-HB-1225	M 12	25	100	3.59
AMT-HB-1230	M 12	30	100	3.91
AMT-HB-1235	M 12	35	100	4.37
AMT-HB-1240	M 12	40	100	4.65
AMT-HB-1245	M 12	45	100	4.97
AMT-HB-1250	M 12	50	100	5.22
AMT-HB-1260	M 12	60	100	6.08
AMT-HB-1270	M 12	70	100	7.26
AMT-HB-1670	M 16	70	50	6.8
AMT-HB-1680	M 16	80	50	7.45
AMT-HB-1690	M 16	90	50	8.15
AMT-HB-16100	M 16	100	50	9.65
AMT-HB-16120	M 16	120	50	10.5



Hexagon Socket Head Screws - DIN 912

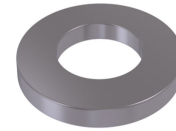
Code No	M	Lenght	Quantity / Pack	Weight / Pack
		mm		
AMT-HSHS-0816	M 8	16	100	1.14
AMT-HSHS-0820	M 8	20	100	1.42
AMT-HSHS-0830	M 8	30	100	2.13
AMT-HSHS-0840	M 8	40	100	2.85
AMT-HSHS-0850	M 8	50	100	3.56
AMT-HSHS-0860	M 8	60	100	4.27
AMT-HSHS-08100	M 8	100	100	7.12
AMT-HSHS-1016	M 10	16	100	1.98
AMT-HSHS-1020	M 10	20	100	2.47
AMT-HSHS-1030	M 10	30	100	3.71
AMT-HSHS-1040	M 10	40	100	4.95
AMT-HSHS-1050	M 10	50	100	6.18
AMT-HSHS-1060	M 10	60	100	7.42
AMT-HSHS-10100	M 10	100	50	6.18
AMT-HSHS-1220	M 12	20	100	3.2
AMT-HSHS-1230	M 12	30	100	4.8
AMT-HSHS-1240	M 12	40	100	6.4
AMT-HSHS-1250	M 12	50	50	4
AMT-HSHS-1260	M 12	60	50	4.8
AMT-HSHS-12100	M 12	100	50	8



PW

Plain Washers Grade A - DIN 125

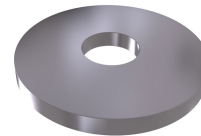
Code No	M	Ø	Thickness	Quantity / Pack	Weight / Pack
			mm		Kg
AMT-PW-06	M 6	12	1.6	2000	1.65
AMT-PW-08	M 8	16	1.6	2000	3.26
AMT-PW-10	M 10	20	2	1000	3.54
AMT-PW-12	M 12	24	2.5	500	3.88
AMT-PW-16	M 16	30	3	500	5.52
AMT-PW-20	M 20	37	3	100	1.88



SW

Timber Construction Washers

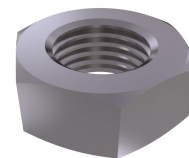
Code No	M	Ø	Thickness	Quantity / Pack	Weight / Pack
			mm		Kg
AMT-TCW-306	M6	22	2	500	4.4
AMT-TCW-308	M8	28	3	500	4.15
AMT-TCW-310	M10	34	3	250	7.07
AMT-TCW-312	M12	44	4	250	6.88
AMT-TCW-316	M16	54	5	250	6.73



HN

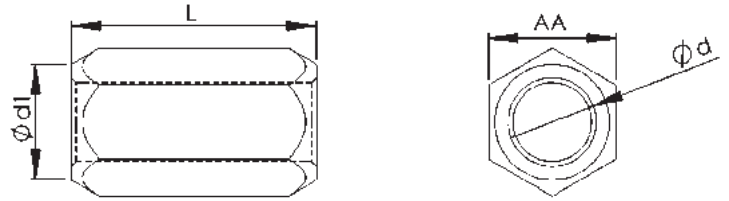
Hexagon Nuts - DIN 934

Code No	M	Thickness	Quantity / Pack	Weight / Pack
		mm		Kg
AMT-HN-06	M6	5	1000	2.19
AMT-HN-08	M8	6.5	1000	4.56
AMT-HN-10	M10	8	500	5.13
AMT-HN-12	M12	10	500	7.48
AMT-HN-16	M16	13	300	8.69
AMT-HN-20	M20	16	100	5.62



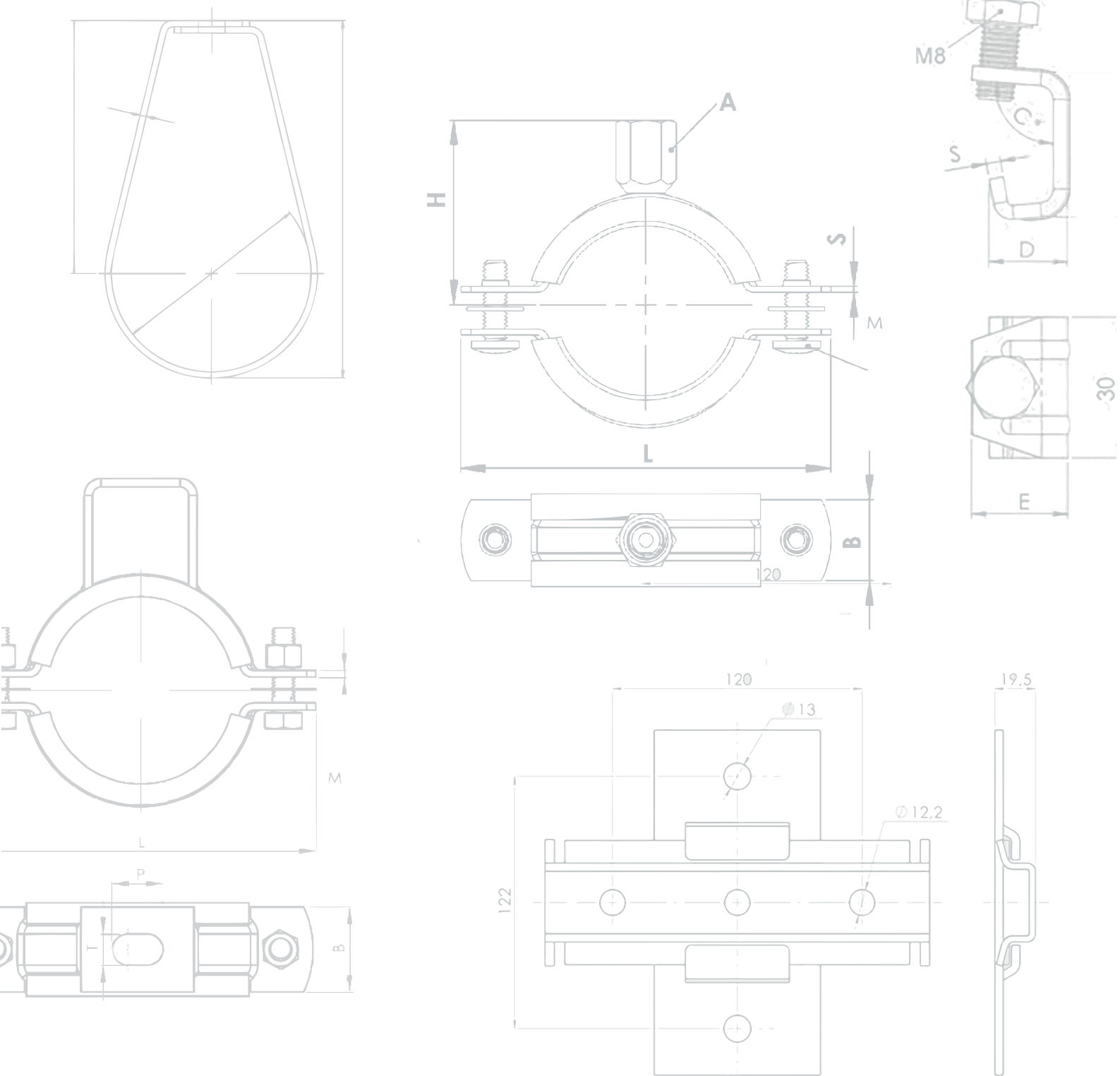
Extension Nut

- It is used for connecting threaded components to each other
- Effective thread length should at least be equal to thread diameter
- Jam nut is necessary for safety
- Electro galvanized against corrosion protection (Plating thickness 5-8 micron)



Code No	Size	Ø d	A	Ø d1	L	Quantity / Pack	Quantity Weight
	mm		mm	mm	mm		Kg
AMT-EN-08025	M 8 x 25	M 8	13	11.7	25	300	5.62
AMT-EN-10030	M 10 x 30	M 10	17	15.3	30	250	10.2
AMT-EN-12035	M 12 x 35	M 12	17	17.1	35	250	10.35
AMT-EN-16050	M 16 x 50	M 16	24	21.6	50	100	12.28

TECHNICAL DATA



TECHNICAL DATA CONTENT

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Technical Data for U Channels63

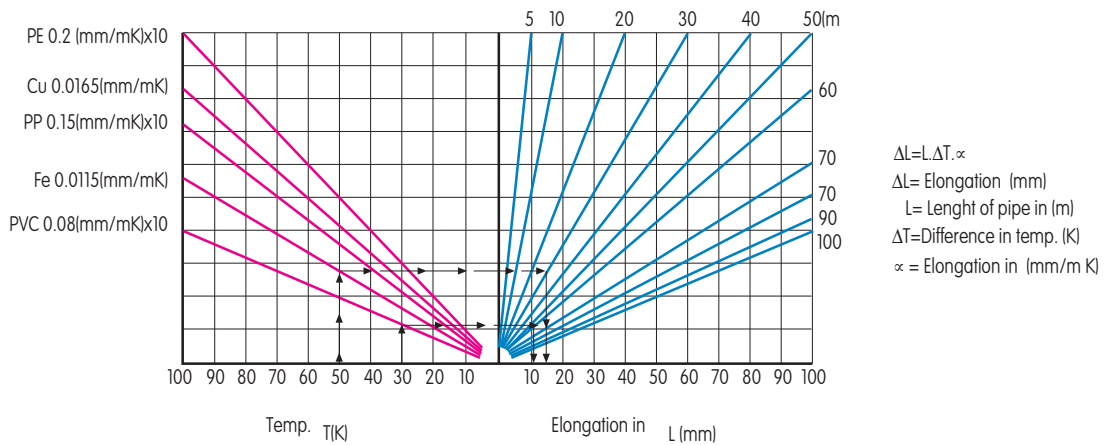
Technical Data for L Channels.....64

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Expansion Diagrams for Various Types of Pipes

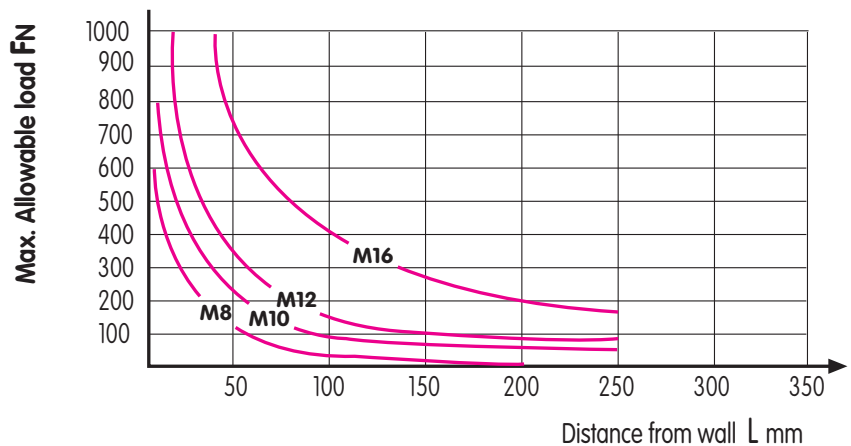
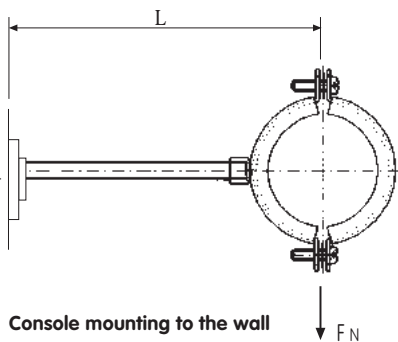
Expansion diagrams for various type of pipes. With increase in temperature, all metal and plastic pipes expands. To eliminate high tension forces to built up, the value of elongation should be known and the necessary precautions should be taken. For this purpose, please refer following diagram.



ATTENTION : For plastic pipes (PE,PP,PVC) the elongation value from the diagram, should be multiplied by ten.

Example 1 : Example 2 :
 Steel pipe (FE) L = 30 m Plastic pipe L = 40 m
 Temp Difference $\Delta T= 50^{\circ}\text{C}$ Tep. Difference $\Delta T= 30^{\circ}\text{C}$
 Elongation in $\Delta L= 16$ mm Elongation in $\Delta L= 11 \times 10 =110$ mm

Allowable loads for wall mounted threaded rods in relation to thread size and distance from wall



Size	L (mm)					
	50	100	150	200	250	300
	Max. Allowable load FN					
M 8	80	40	18			
M 10	160	85	60	35	20	10
M 12	300	150	90	50	35	25
M 16	700	380	250	175	120	90
1/2"	1100	570	380	280	230	190
3/4"	2000	1000	670	500	400	330

Pipe Dimensions, Weight and Clamping Ranges

Nominal Diameter DN	Size (Inch)	Pipe Outer Diameter (mm)	Wall Thickness (mm)	Weight (empty) Kg/m	Weight (water filled) Kg/m	Distance Between Fixing Clamps (m)
---------------------	-------------	--------------------------	---------------------	---------------------	----------------------------	------------------------------------

Steel Pipes (DIN 2440)

8	1/4"	13.50	2.35	0.65		
10	3/8"	17.20	2.35	0.89	1.01	1.35
15	1/2"	21.30	2.65	1.27	1.47	1.50
20	3/4"	26.90	2.65	1.65	2.02	1.80
25	1"	33.70	3.25	2.55	3.13	2.10
32	1 1/4"	42.40	3.25	3.28	4.30	2.40
40	1 1/2"	48.30	3.25	3.77	5.15	2.60
50	2"	60.30	3.65	5.33	7.55	3.00
65	2 1/2"	76.10	3.65	6.80	10.52	3.20
80	3"	88.90	4.05	8.85	13.98	3.50
100	4"	114.3	4.50	12.60	21.30	4.20
125	5"	139.7	4.85	16.90	30.17	4.60
150	6"	165.1	4.85	20.10	39.06	5.30

Steel Pipes (DIN 2448)

10	3/8"	17.20	1.80	0.69	0.83	1.40
15	1/2"	21.30	2.00	0.96	1.20	1.60
20	3/4"	26.90	2.30	1.41	1.80	1.85
25	1"	33.70	2.60	2.01	2.65	2.15
32	1 1/4"	42.40	2.60	2.95	3.91	2.50
40	1 1/2"	48.30	2.60	2.95	4.41	2.60
46		51.00	2.60	3.12	4.77	2.70
50		57.00	2.90	3.90	5.96	2.80
50	2"	60.30	2.90	4.14	6.47	3.00
57		63.50	2.90	4.36	6.97	3.00
65	2 1/2"	76.10	2.90	5.28	9.16	3.50
76		82.50	3.20	6.31	10.86	3.65
80	3"	88.90	3.20	3.81	12.15	3.80
94		101.60	3.60	8.76	15.76	4.00
100		108.0	3.60	9.33	17.31	4.10
100	4"	114.3	3.60	9.90	18.90	4.20
		127.0	4.00	12.20	23.32	4.35
125		133.0	4.00	12.80	25.07	4.40
125	5"	139.7	4.00	13.50	27.12	4.50
		152.4	4.50	16.40	32.54	4.75
150		159.0	4.50	17.10	34.76	4.80
150	6"	165.1	4.50	18.10	36.93	4.90
		177.8	5	21.30	43.40	5.00
		193.7	5.40	25.00	51.26	5.20
200	8"	219.1	5.90	31.00	64.73	5.50
		267.0	6.30	40.60	91.40	5.90
250	10"	273.0	6.30	41.60	95.40	5.90
		298.5	7.10	51.10	117.60	6.20
		318.0	7.10	57.40	129.50	6.40
300	12"	323.9	7.10	55.60	130.85	6.40
350	14"	355.6	7.10	68.00	159.00	6.80
400	16"	406.4	8.80	85.90	204.40	7.10
500	20"	508.0	11.00	135.0	320.50	8.00
525		559		169	392	
600		610		184	453	
625		660		226	540	

Waste Pipes (DIN 19500)

50	60.0	3.50	5.30	7.50	0.60
70	80.0	3.50	7.10	11.28	0.80
100	112.0	4.00	10.30	18.79	1.15
125	137.0	4.00	13.70	26.76	1.35
150	162.0	5.00	17.30	35.43	1.60
200	212.0	6.00	32.70	64.10	2.00

Nominal Diameter DN	Pipe Outer Diameter (mm)	Wall Thickness (mm)	Weight (empty) Kg/m	Weight (water filled) Kg/m	Distance Between Fixing Clamps (m)
---------------------	--------------------------	---------------------	---------------------	----------------------------	------------------------------------

Waste Pipe Cast Iron (SML)

40	48	3.5	3.00	4.40	
50	58	3.5	4.30	6.40	
70	78	3.5	5.90	9.90	
100	110	3.5	8.40	17.70	
125	135	4.0	11.80	24.50	
150	160	4.0	14.10	32.30	
200	210	5.0	23.10	54.60	
250	274	5.5	33.30	87.70	
300	326	6.0	43.20	120.80	
400	429	8.1	75.50	208.80	
500	532	9.0	104.30	311.80	
600	635	9.9	137.10	434.20	

≤ 1.5 metre

Waste Pipes (Geberit)

26	32	3.0	0.27	0.80	0.32
34	40	3.0	0.34	1.25	0.40
40	50	3.0	0.44	1.96	0.50
50	56	3.0	0.50	2.46	0.56
60	63	3.0	0.56	3.11	0.63
70	75	3.0	0.67	4.41	0.75
80	90	3.5	0.95	6.36	0.90
100	110	4.3	1.43	9.50	1.10
125	125	4.9	1.81	12.27	1.25
125	140		2.28	15.39	1.40
150	160	6.2	3.0	20.10	1.60
200	200	6.2	3.83	31.45	2
250	250	7.8	6.01	49.15	2.50

Hard Waste Pipes (PVC)

50	50	1.8	0.24	1.28	0.50
60	63	1.9	0.3	1.99	0.60
70	75	1.9	0.49	3.93	0.75
100	110	2.7	1.02	8.00	1.10
125	125	3.1	1.35	12.43	1.25
150	160	3.9	2.15	18.03	1.60

Copper Pipes (DIN 1786 and 1754)

10	10	1.0	0.25	0.30	<0.50
12	12	1.0	0.30	0.38	
15	15	1.0	0.39	0.52	
18	18	1.0	0.47	0.67	<1.00
22	22	1.0	0.58	0.90	
28	28	1.5	1.11	1.60	
35	35	1.5	1.42	2.21	<1.50
42	42	1.5	1.70	2.89	
54	54	2.0	2.91	4.87	
64	64	2.0	3.47	6.29	
70	70	2.0	3.80	7.21	<2.00
74	74	2.0	4.03	7.87	
80	80	2.0	4.36	8.89	
104	104	2.0	5.20	13.55	
125	125	3.0	10.20	21.31	<2.00-3.00
131	131	3.0	10.70	22.96	

Which Clamp to Which Pipe

Clamp Size		Water Pipe Cast Iron (SML)		Water Pipe Hard PVC (DIN 19531)		PE Plastic Pipe (DIN 19535)		Eternit		Steel Waste Pipe	
Size (Inch)	Clamping Range (mm)	Nominal Diameter	Diameter (Inch)	Nominal Diameter	Diameter (Inch)	Nominal Diameter	Diameter (Inch)	Nominal Diameter	Diameter (Inch)	Nominal Diameter	Diameter (Inch)
1/4"	12/15										
3/8"	16/20										
1/2"	20/24										
3/4"	25/30										
1"	32/38			30	32	30	32				
1 1/4"	39/46			40	40		42.5			40	42
1 1/2"	48/53	40	48	50	50	40	50			50	53
	54/58	50	58								
2"	59/66			60	63	60	63	50	64		
	67/73										
2 1/2"	74/80	70	78	70	75	70	75			70	73
	80/87										
3"	87/94				90	80	90	70	84		
	95									100	101
	99/108	100	110	100	110	100	110				
4"	108/116							100	116		
	120/129			125	125	125	125				
	129/135	125	135							125	133
5"	135/143				140		140	125	141		
	149/161										
6"	162/170	150	160	150	160	150	160	150	168	150	159
		200	210	200	210			200	219	200	220
8"	216/222			250	250	250	250				
								250	270	250	273
10"	267/273	250	274	280	280	280	280				
	297/303										
		300	326	300	315	300	315				
12"	320/330							300	322	300	324
14"	354/362										
	366/374										
16"	404/412			400	400	400	400				
	415/422										
20"	506/512										
	519/525										
	608/614										
	658/665										

Which Clamp to Which Pipe

Clamp Size		Steel Pipe (DIN 2440)			Steel Pipe (DIN 2448)		Copper Pipe (DIN1786)		Stainless Steel DIN 17440		Radiator Pipes	
Size (Inch)	Clamping Range (mm)	Nominal Diameter	Diameter (Inch)	Diameter (Inch)	Nominal Diameter	Diameter (Inch)	Nominal Diameter	Diameter (Inch)	Nominal Diameter	Diameter (Inch)	Nominal Diameter	Diameter (Inch)
1/4"	12/15	8	1/4"	13.5			12 / 15	12 / 15			15	15
3/8"	16/20	10	3/8"	17.2	10	17.2	18	18	10	17.2		
1/2"	20/24	15	1/2"	21.3	15	21.3	22	22	15	21.3	22	22
3/4"	25/30	20	3/4"	26.9	20	26.9	28	28	20	26.9	28	28
1"	32/38	25	1"	33.7	25	33.7	35	35	25	33.7	35	35
1 1/4"	39/46	32	1 1/4"	42.4	32	42.4	42	42	32	42.4	42	42
1 1/2"	48/53	40	1 1/2"	48.3	40	48.3	48	48	40	48.3		
	54/58				46	51	54	54		51	54	54
2"	59/66	50	2"	60.3	50	60.3	60	60	50	60.3		
	67/73				57	63.5	64	64		63.5		
2 1/2"	74/80	65	2 1/2"	76.1	65	76.1	78 / 80	78 / 80	65	76		
	80/87				76	82.5						
3"	87/94	80	3"	88.9	80	88.9	85	85	80	88.9		
	95				94	101.6	100	100	100	101.6		
	99/108				100	108	104 / 108	104 / 108		108		
4"	108/116	100	4"	114.3	100	114.3	114	114				
	120/129					127	125	125				
	129/135				125	133	133	133		133		
5"	135/143	125	5"	139.7	125	139.7			125	139.7		
	149/161				150	159				159		
6"	162/170	150	6"	165.1	150	165.1	160	160	150	165.1		
									200	216		
					200	219	219	219				
8"	216/222				225	224.5						
						267	267	267				
10"	267/273				260	273						
	297/303					298.5						
						318						
12"	320/330				300	323.9						
14"	354/362				350	355.6						
	366/374					368						
16"	404/412				400	406.4						
	415/422					419						
					450	457						
20"	506/512				500	508						
	519/525				521	521						
	608/614				600	610						
	658/665				625	660						

Technical Data for U Channel



Technical data for U channel

Profile	Washer Nut Bolt Size	Weight (Kg/m)	Cross Section Profile (cm ²)	Moment of Inertia		Section Modulist		Max. Load Per Fix Point		
				I _x (cm ⁴)	I _y (cm ⁴)	W _x (cm ³)	W _y (cm ³)	F (N)	F (N)	L (cm)
30x30x3	M 6	-	-	1.90	2.60	1.28	2.82	1000	2250	50
	M 8									
	M 10									
40x40x3	M 6	-	-	4.90	6.80	2.47	5.46	1970	4300	50
	M 8									
	M 10									
40x40x4	M 6	-	-	5.00	8.40	2.95	6.90	2360	5500	50
	M 8									
	M 10									
	M 12									
50x50x4	M 8	-	-	12.90	18.60	5.17	11.6	4170	9250	50
	M 10									
	M 12									

Maximum Load For U Channels

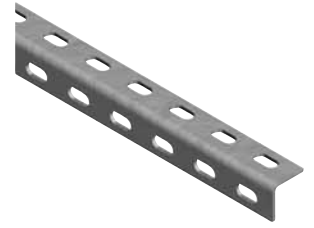
Profile	L=0.5m				L=1.0m				L=1.5m				L=2.0m			
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	
30x30x3	1000	500	330	250	740	370	245	185	500	250	160	125	425	210	140	100
40x40x3	1970	985	655	490	1450	730	485	365	980	490	330	240	830	420	280	210
40x40x4	2360	1180	785	590	1740	875	580	440	1180	590	390	290	1000	500	330	250
50x50x4	4170	2015	1390	1040	3080	1540	1030	770	2080	1040	690	520	1770	885	590	445

Maximum Load For U Channels

Profile	L=0.5m				L=1.0m				L=1.5m				L=2.0m			
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	
30x30x3	2250	1125	750	560	1650	825	550	410	1125	560	375	280	950	475	315	235
40x40x3	4300	2150	1430	1075	3100	1550	1030	775	2150	1075	710	530	1800	900	600	450
40x40x4	5500	2750	1830	1380	4000	2000	1300	1000	2750	1380	910	690	2300	1150	750	575
50x50x4	9250	4625	3000	2300	6850	3425	2850	1750	4625	2300	1540	1150	3900	1950	1300	950

The values given above are calculated for allowable stress on the steel dem.=100N/mm² and the maximum deflection L/150

Technical Data for L Channels



Technical data for L channel

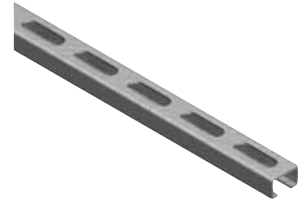
Profile 	Washer Nut Bolt Size	Weight (Kg/m)	Cross Section Profile (cm ²)	Moment of Inertia		Section Modulist		Max. Load Per Fix Point	
				I _x (cm ⁴)	I _y (cm ⁴)	W _x (cm ³)	W _y (cm ³)	F (N)	(cm)
30x30x2	M 6 M 8 M 10	-	-	0.74	-	0.34	-	270	50
30x30x3	M 6 M 8 M 10	-	-	1.01	-	0.47	-	375	50
40x40x3	M 6 M 8 M 10 M 12	-	-	2.35	-	0.78	-	625	50
40x40x4	M 8 M 10 M 12	-	-	2.90	-	0.97	-	775	50
50x50x4	M 8 M 10 M 12	-	-	6.00	-	1.65	-	1330	50

Maximum Load For L Channels

Profile 																
	0.5	1.0	1.5	2.0	0.5	1.0	1.5	2.0	0.5	1.0	1.5	2.0	0.5	1.0	1.5	2.0
30x30x2	270	135	90	65	200	100	65	50	135	88	45	35	115	57	38	30
30x30x3	375	187	125	95	278	139	93	70	185	95	60	45	160	80	50	40
40x40x3	625	310	208	156	460	230	155	115	310	155	105	75	265	132	85	65
40x40x4	775	388	260	195	575	266	190	145	365	195	130	95	330	165	110	82
50x50x4	1330	665	444	333	985	492	328	246	665	333	222	166	585	282	188	140

The values given above are calculated for allowable stress on the steel $\sigma_{adm}=100N/mm^2$ and the maximum deflection $L/150$

Technical Data for C Channel



Technical data for C channel

Profile	Washer Nut Bolt Size	Weight (Kg/m)	Cross Section Profile (cm ²)	Moment of Inertia		Section Modulist		Max. Load Per Fix Point	
				(cm ⁴)	(cm ⁴)	(cm ³)	(cm ³)	F (N)	L (cm)
27 / 18	M 6 M 8 M 10	0.6	0.64	0.34	1.10	0.37	0.75	300	50
28 / 30	M 6 M 8 M 10	1.15	1.33	1.60	2.16	1.06	1.55	680	50
40 / 38	M 6 M 8 M 10 M 12	1.89	2.26	5.00	6.20	2.50	3.20	2000	50
40 / 60	M 8 M 10 M 12	3.7	4.5	20.00	12.60	6.80	6.90	5440	50

Maximum Load For C Channels

Profile	L (m) = 0.5 1.0 1.5 2.0				L (m) = 0.5 1.0 1.5 2.0				L (m) = 0.5 1.0 1.5 2.0				L (m) = 0.5 1.0 1.5 2.0			
	Diagram: Single point load F at center				Diagram: Three point loads F at L/3				Diagram: Four point loads F at L/4				Diagram: Five point loads F at L/5			
27 / 18	300	150	100	-	220	110	-	-	160	75	-	-	130	60	-	-
28 / 30	680	440	295	220	660	300	220	180	440	210	150	-	370	180	120	-
40 / 38	2000	1000	670	500	1500	700	460	350	1050	500	300	250	880	440	290	200
40 / 60	5440	2750	1810	1370	4000	2000	1500	1000	2720	1350	900	680	2300	1150	770	570

The values given above are calculated for allowable stress on the steel dem.=100N/mm² and the maximum deflection L/150

Example : Moment of inertia, modulus and max. load per fix section point calculation for 40x60x2.8 C channels

$$Y1 = \frac{(2.10,7,2,8,1,4) + 2.60,2,8,30) + 2.10,95,2,8,58,8,6)}{(2.10,7,2,8) + (2.60,2,8) + 2.10,95,2,2,8)}$$

Y1= 30.6 Y2=29.4

$$I_x = \frac{2.10,7,2,8^2}{12} + 2.10,7,2,8 \cdot 28^2 + \frac{2.2,8 \cdot 60^3}{12} + 2.2,8 \cdot 40 \cdot 0,5^2$$

$$\frac{2.10,95,2,8^3}{12} + 2.10,95,2,8 \cdot 2,9^2$$

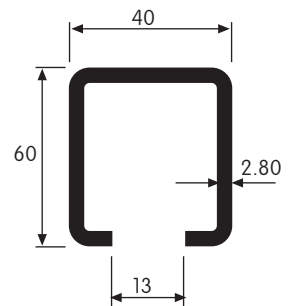
Ix= 200171 N

$$W_x = \frac{I_x}{Y1} = \frac{200171}{30.6}$$

Wx= 6808 mm³ 6.8 cm³

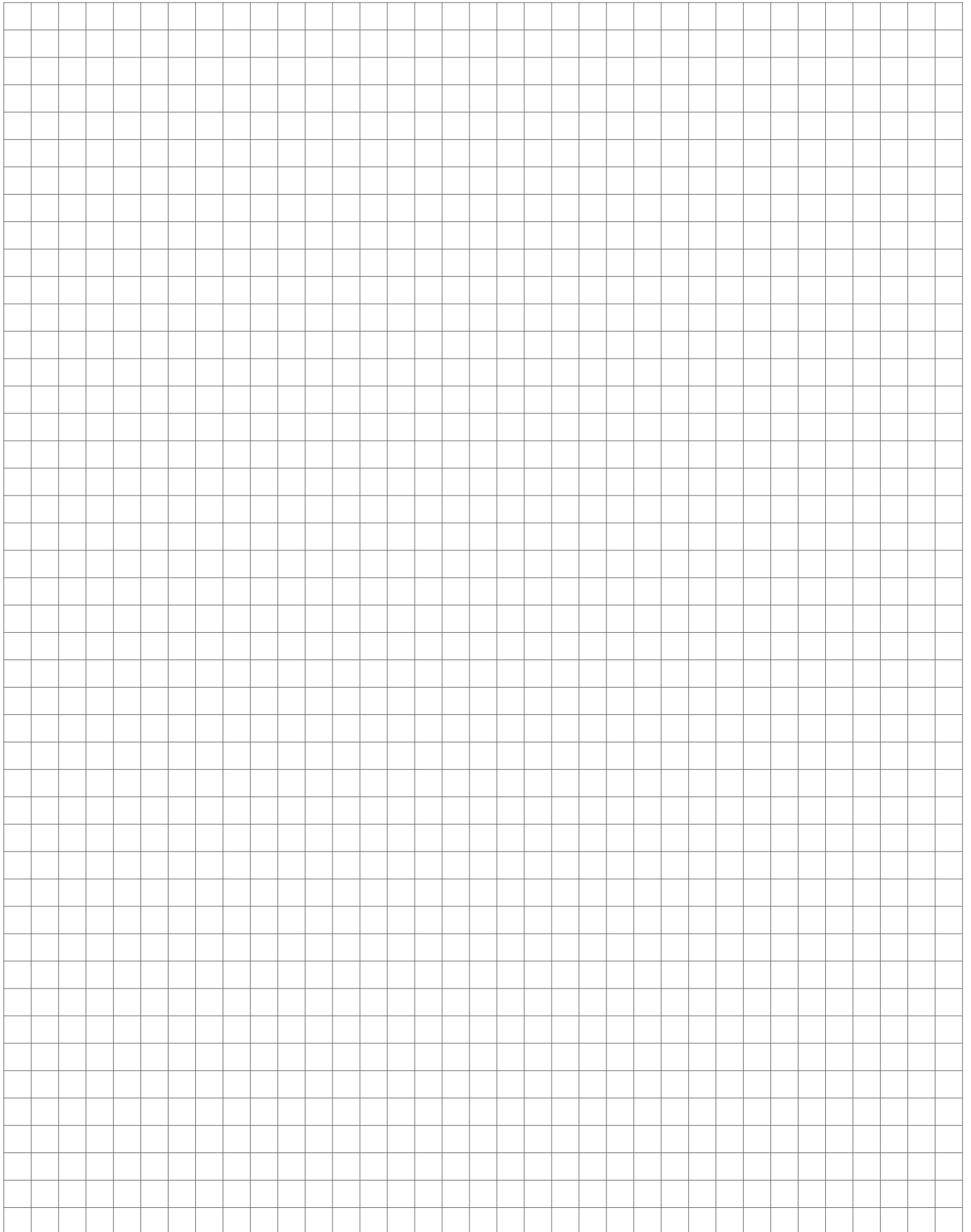
$$F_{em} = \frac{4 \cdot I_{em} \cdot W_x}{L} = \frac{4 \cdot 140 \cdot 6808}{500}$$

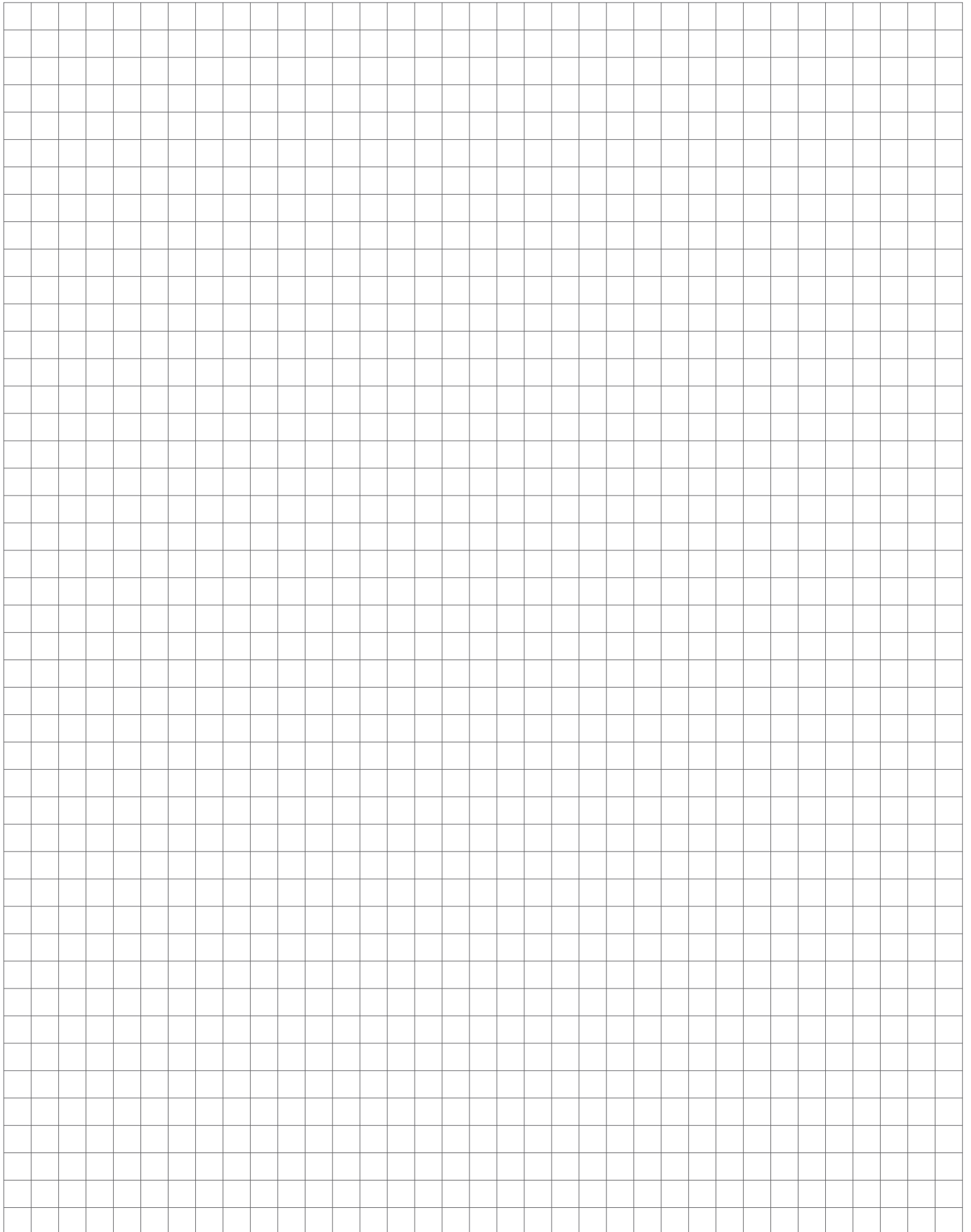
**Fem= 7620 N
Fem= 762 kp**



Calculation Formulas for Bending Moment and Fix Point Loads

Style of Loading	Application Type	Bending Moment M Fixing Points Loads A-B										
	Beam fixed at one end, loaded at the other	$A = F$ $M_{max.} = F.L$										
	Beam supported at both ends, single load in the middle	$A = B = \frac{F}{2}$ $M_{max.} = \frac{F.L}{4}$										
	Beam supported at both ends, four unsymmetrical load	$A = B = \frac{F}{2}$ $B = \frac{F.a}{L}$ $M_{max.} = \frac{F.a.b}{L}$										
	Beam supported at both ends, four symmetrical loads	$A = B = F : 2$ $M_{max.} = \frac{F.L}{n}$										
	Load quantity	<table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td>4</td> <td>3</td> <td>2</td> <td>1.7</td> <td>1.3</td> </tr> </table>	1	2	3	4	5	4	3	2	1.7	1.3
1	2	3	4	5								
4	3	2	1.7	1.3								
	n											





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