

Malleable Cast Iron Fitting

AMD



Malleable Cast Iron Fitting For The Distribution Of Clean Water,



**PRODUCT
CATALOG**

Dear Valued Customer

PT. AMD PIPING SYSTEM Founded in 2020, it is a company operating in the most complete piping sector in Indonesia. Offers products such as Plastic Pipes, Fittings, Valves, Accessories, Machinery & Equipment.

We focus on serving customers in the Infrastructure, Housing, Commercial, Industrial, Mining, Maritime, Agricultural and Plantation sectors.

AMD's goal is to offer high-quality products and services to meet customer needs.

AMD manages its business in accordance with standards

ISO 9001:2015

Quality Management System Certificate

ISO 14001:2015

Environmental Management System Certificate

ISO 45001:2018

Safety and Health Management System Certificate



PT. AMD PIPING SYSTEM Berdiri sejak tahun 2020 merupakan Perusahaan yang bergerak di bidang perpipaan terlengkap di Indonesia. Menawarkan produk-produk seperti Pipa Plastik, Fitting, Valve, Accesories, Mesin & Peralatan.

Kami fokus melayani pelanggan di bidang Infrastruktur, Perumahan, Komersial, Industrial, Pertambangan, Kelautan, Pertanian dan Perkebunan.

Tujuan AMD adalah menawarkan produk dan layanan berkualitas tinggi untuk memenuhi kebutuhan pelanggan .

AMD mengelola usaha sesuai dengan standard

ISO 9001:2015

Sertifikat Sistem Manajemen Mutu

ISO 14001:2015

Sertifikat Sistem Manajemen Lingkungan

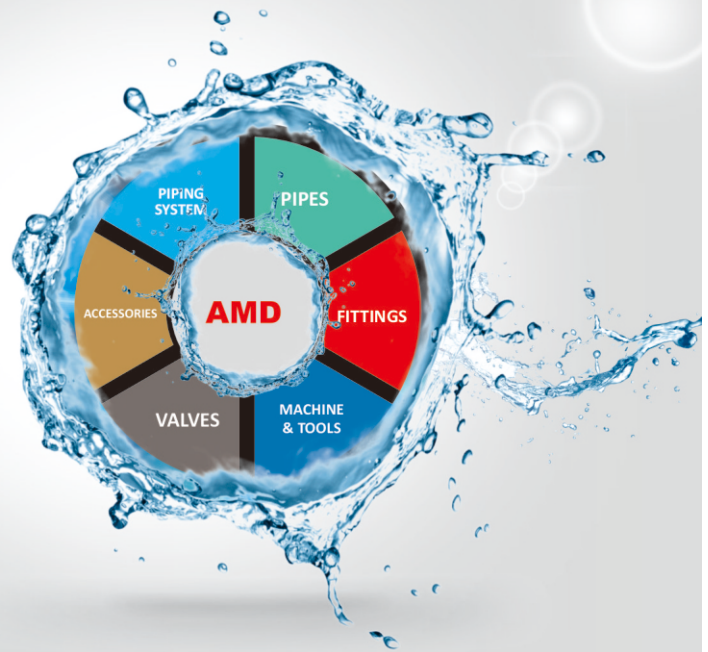
ISO 45001:2018

Sertifikat Sistem Manajemen Keselamatan dan Kesehatan



PIPING SYSTEM TOTAL SOLUTION

Pipes, Fittings, Mesin & Tools
Valves, Accesories, Piping System



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2.1. Keterangan Produk

Malleable Iron Fitting adalah jenis sambungan pipa yang terbuat dari besi ulet (malleable iron), yang terkenal karena kekuatannya serta kemampuan untuk menahan tekanan tinggi. Besi ulet adalah jenis besi cor yang telah mengalami perlakuan panas untuk meningkatkan keuletan dan ketahanannya.

Malleable iron fittings biasanya digunakan dalam sistem pipa untuk menghubungkan bagian-bagian pipa dengan diameter berbeda atau untuk mengubah arah aliran. Fitting ini umum digunakan dalam aplikasi yang memerlukan ketahanan terhadap tekanan dan suhu tinggi, seperti dalam instalasi pipa gas, air, dan minyak, serta dalam sistem sprinkler kebakaran.

2.2. Keunggulan Produk

- **Kekuatan dan Daya Tahan:** Tahan terhadap tekanan tinggi dan benturan, cocok untuk penggunaan jangka panjang
- **Fleksibilitas:** Mudah dipasang dan tersedia dalam berbagai bentuk seperti elbow, tee, coupling, dan lainnya.
- **Ketahanan terhadap Korosi:** Dapat dilapisi dengan galvanis untuk perlindungan ekstra terhadap korosi, terutama dalam aplikasi luar ruangan atau lingkungan yang keras.

2.3. Aplikasi Produk

- **Sistem Pipa Air dan Gas:** Digunakan dalam instalasi pipa untuk air minum, air panas, dan distribusi gas. Malleable Iron Fittings sangat cocok untuk sambungan pipa yang membutuhkan ketahanan terhadap tekanan tinggi.
- **Sistem Pemanas dan Pendingin:** Digunakan dalam sistem pemanas dan pendingin (HVAC) untuk menghubungkan pipa-pipa yang mengalirkan air panas atau dingin, serta untuk distribusi uap dalam sistem pemanas sentral.
- **Sistem Pemadam Kebakaran:** Sering digunakan dalam jaringan pipa untuk sistem sprinkler dan hydrant karena ketahanannya terhadap tekanan tinggi dan suhu ekstrem.
- **Industri Minyak dan Gas:** Digunakan dalam jaringan pipa untuk transportasi minyak, gas, dan cairan lainnya. MIF tahan terhadap lingkungan korosif yang umum di industri ini.
- **Industri Kimia:** untuk instalasi pipa yang mengangkut bahan kimia agresif, berkat ketahanannya terhadap korosi dan keandalan dalam kondisi operasi yang keras.
- **Sistem Pembuangan:** Digunakan dalam sistem drainase dan pembuangan untuk air limbah karena kekuatan dan ketahanannya terhadap korosi.
- **Aplikasi Konstruksi:** Digunakan dalam berbagai aplikasi konstruksi untuk sambungan pipa dalam bangunan komersial dan industri, termasuk sistem pipa untuk distribusi air, gas, dan HVAC.

2.4. Standard Produksi Untuk Fitting



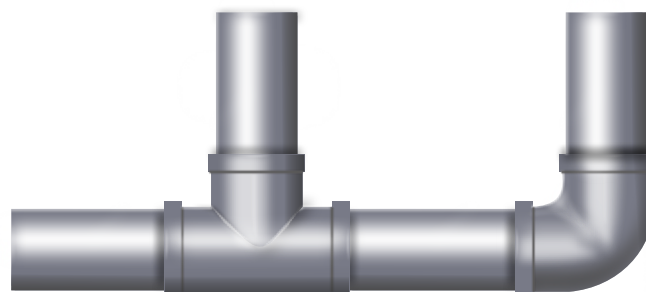
4829.2:2015



TKDN

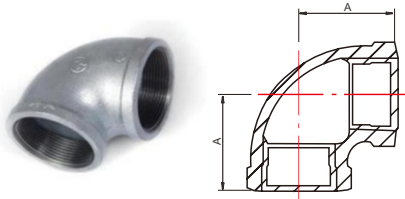
2.5. Standard Kualitas

Malleable Iron Fittings banyak digunakan di industri konstruksi, manufaktur, dan utilitas karena kekuatan, daya tahan, dan fleksibilitasnya.



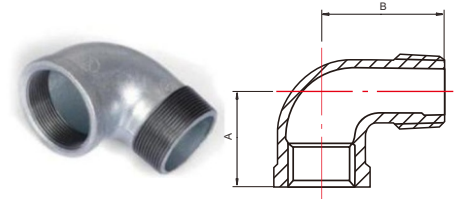
2.6. Produk

Elbow 90°



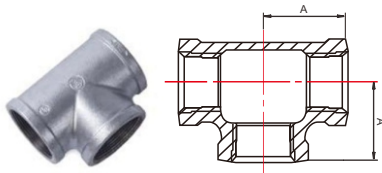
SIZE	DN	A (mm)	Weight (g)
1/8"	6	18	31
1/4"	8	20	46
3/8"	10	24	62
1/2"	15	27	98
3/4"	20	32	142
1"	25	37	218
1 1/4"	32	44.5	347
1 1/2"	40	48.5	432
2"	50	57	688
2 1/2"	65	68.5	1090
3"	80	77.5	1520
4"	100	96.5	2756
6"	150	129	6214

Elbow 90° Male & Female



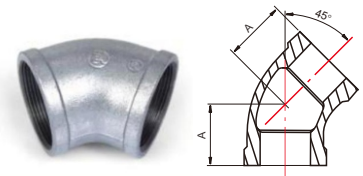
SIZE	DN	A (mm)	B (mm)	Weight (g)
1/4"	8	20	28	38
3/8"	10	25	33	56
1/2"	15	28	38	89
3/4"	20	33	44	135
1"	25	38	52	209
1 1/4"	32	45	60	346
1 1/2"	40	50	65	443
2"	50	58	74	716
2 1/2"	65	69	90	1148
3"	80	77.5	100	1579
4"	100	96.5	120	2759

Tee



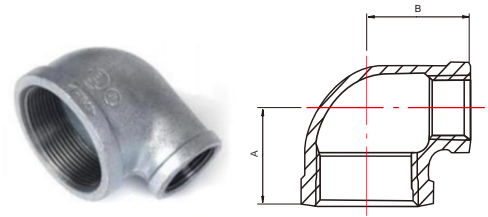
SIZE	DN	A (mm)	Weight (g)
1/8"	6	18	45
1/4"	8	20	65
3/8"	10	24	90
1/2"	15	27	140
3/4"	20	32	203
1"	25	37	315
1 1/4"	32	44.5	489
1 1/2"	40	48.5	613
2"	50	57	997
2 1/2"	65	68.5	1552
3"	80	77.5	2087
4"	100	96.5	3663
6"	150	129	8324

Elbow 45°



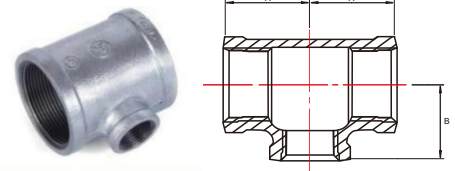
SIZE	DN	A (mm)	B (mm)	Weight (g)
1/4"	8	20	28	38
3/8"	10	25	33	56
1/2"	15	28	38	89
3/4"	20	33	44	135
1"	25	38	52	209
1 1/4"	32	45	60	346
1 1/2"	40	50	65	443
2"	50	58	74	716
2 1/2"	65	69	90	1148
3"	80	77.5	100	1579
4"	100	96.5	120	2759

Reducer Elbow 90°



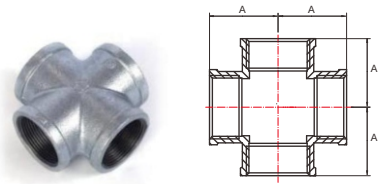
SIZE	DN	A (mm)	B (mm)	Weight (g)
1/2" x 3/8"	15x10	25	25	76
3/4" x 1/2"	20x15	29	30	125
1" x 3/8"	25x10	29	31	146
1" x 1/2"	25x15	31	33	165
1" x 3/4"	25x20	34	35	188
1 1/4" x 3/8"	32x10	31	36	218
1 1/4" x 1/2"	32x15	34	37	232
1 1/4" x 3/4"	32x20	36	40	258
1 1/4" x 1"	32x25	40	41	291
1 1/2" x 1/2"	40x15	35	41	272
1 1/2" x 3/4"	40x20	37	43	309
1 1/2" x 1"	40x25	41	45	349
1 1/2" x 1 1/4"	40x32	45	47	409
2" x 1/2"	50x15	37	47	407
2" x 3/4"	50x20	40	49	432
2" x 1"	50x25	43	51	486
2" x 1 1/4"	50x32	47	53	564
2" x 1 1/2"	50x40	51	54	600
2 1/2" x 1/2"	65x15	40.5	56	591
2 1/2" x 3/4"	65x20	43.5	57	626
2 1/2" x 1"	65x25	47.5	59	700
2 1/2" x 1 1/4"	65x32	51.5	61	747
2 1/2" x 1 1/2"	65x40	54.5	61	788
2 1/2" x 2"	65x50	59.5	64	923
3" x 1/2"	80x15	42.5	64	751
3" x 3/4"	80x20	45.5	65	786
3" x 1"	80x25	49.5	67	847
3" x 1 1/4"	80x32	54.5	69	951
3" x 1 1/2"	80x40	57.5	71	972
3" x 2"	80x50	61.5	71	1190
3" x 2 1/2"	80x65	71.5	74	1346
4" x 1/2"	100x15	49.5	78	1338
4" x 1"	100x20	53.5	79	1354
4" x 1 1/4"	100x25	56.5	82	1434
4" x 1 1/2"	100x32	60.5	85	1582
4" x 1 1/2"	100x40	62.5	85	1655
4" x 2"	100x50	68.5	86	1746
4" x 2 1/2"	100x65	77.5	89	1997
4" x 3"	100x80	82.5	90	2209

Reducer Tee



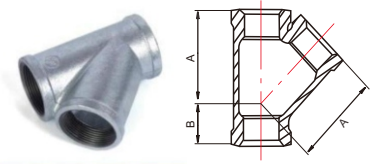
SIZE	DN	A (mm)	B (mm)	Weight (g)
3/4" x 1/2"	20x15	29	30	184
1" x 3/8"	25x10	29	31	230
1" x 1/2"	25x15	31	33	243
1" x 3/4"	25x20	34	35	267
1 1/4" x 3/8"	32x10	31	36	316
1 1/4" x 1/2"	32x15	34	37	348
1 1/4" x 3/4"	32x20	36	40	379
1 1/4" x 1"	32x25	40	41	416
1 1/2" x 1/2"	40x15	35	41	415
1 1/2" x 3/4"	40x20	37	43	435
1 1/2" x 1"	40x25	41	45	491
1 1/2" x 1 1/4"	40x32	45	47	569
2" x 1/2"	50x15	37	47	602
2" x 3/4"	50x20	40	49	565
2" x 1"	50x25	43	51	702
2" x 1 1/4"	50x32	47	53	766
2" x 1 1/2"	50x40	51	54	843
2 1/2" x 1/2"	65x15	40.5	56	906
2 1/2" x 3/4"	65x20	43.5	57	938
2 1/2" x 1"	65x25	47.5	59	1038
2 1/2" x 1 1/4"	65x32	51.5	61	1097
2 1/2" x 1 1/2"	65x40	54.5	61	1169
2 1/2" x 2"	65x50	59.5	64	1321
3" x 1/2"	80x15	42.5	64	1137
3" x 3/4"	80x20	45.5	65	1198
3" x 1"	80x25	49.5	67	1293
3" x 1 1/4"	80x32	54.5	69	1370
3" x 1 1/2"	80x40	57.5	71	1470
3" x 2"	80x50	61.5	71	1622
3" x 2 1/2"	80x65	71.5	74	1900
4" x 1/2"	100x15	49.5	78	1955
4" x 1/2"	100x20	53.5	79	2080
4" x 1"	100x25	56.5	82	2143
4" x 1 1/4"	100x32	60.5	85	2260
4" x 1 1/2"	100x40	62.5	85	2351
4" x 2"	100x50	68.5	86	2611
4" x 2 1/2"	100x65	77.5	89	2857
4" x 3"	100x80	82.5	90	3203

Cross Female



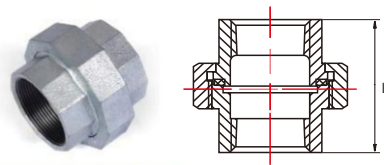
SIZE	DN	A (mm)	Weight (g)
1/2"	15	27	170
3/4"	20	32	251
1"	25	37	388
1 1/4"	32	44.5	566
1 1/2"	40	48.5	727
2"	50	57	1170
2 1/2"	65	68.5	1776
3"	80	77.5	2529
4"	100	96.5	4297

Y Tee 45°



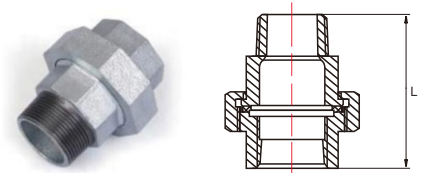
SIZE	DN	A (mm)	B (mm)	Weight (g)
1/4"	8	20	28	38
3/8"	10	25	33	56
1/2"	15	28	38	89
3/4"	20	33	44	135
1"	25	38	52	209
1 1/4"	32	45	60	346
1 1/2"	40	50	65	443
2"	50	58	74	716
2 1/2"	65	69	90	1148
3"	80	77.5	100	1579
4"	100	96.5	120	2759

Union Flate Seat



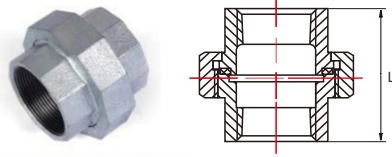
SIZE	DN	L (mm)	Weight (g)
3/8"	10	39	160
1/2"	15	46	205
3/4"	20	50	271
1"	25	56	400
1 1/4"	32	63	595
1 1/2"	40	68	748
2"	50	76	1078
2 1/2"	65	83	1710
3"	80	93	2220
4"	100	113.5	3800

Union Flat seat Male & Female



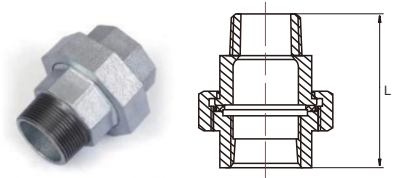
SIZE	DN	L (mm)	Weight (g)
1/2"	15	64	244
3/4"	20	70	281
1"	25	78	432
1 1/4"	32	88	675
1 1/2"	40	93	800
2"	50	104	1225

Brass Union Taper Seat



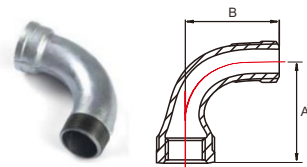
SIZE	DN	L (mm)	Weight (g)
1/4"	8	42	107
3/8"	10	45	145
1/2"	15	47	172
3/4"	20	51	262
1"	25	56.5	340
1 1/4"	32	64	595
1 1/2"	40	70	746
2"	50	78.5	1080
2 1/2"	65	84.5	1841
3"	80	94	2362
4"	100	110	3808

Union Flat seat Male & Female



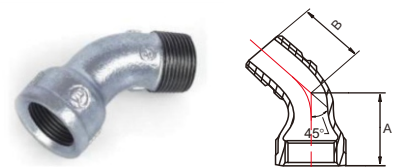
SIZE	DN	L (mm)	Weight (g)
1/2"	15	65	195
3/4"	20	71	292
1"	25	78.5	386
1 1/4"	32	89	650
1 1/2"	40	95	817
2"	50	106.5	1230

Long Sweep Bend 90° Male & Female



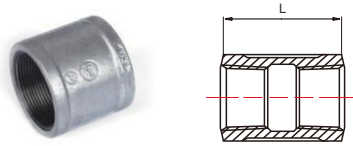
SIZE	DN	A (mm)	B (mm)	Weight (g)
3/8"	10	48	42	73
1/2"	15	55	48	118
3/4"	20	69	60	191
1"	25	85	75	311
1 1/4"	32	105	95	530
1 1/2"	40	116	105	679
2"	50	140	130	1146
2 1/2"	65	176	165	2110
3"	80	205	190	3016
4"	100	260	245	5507

Long Sweep Bend 45° Male & Female



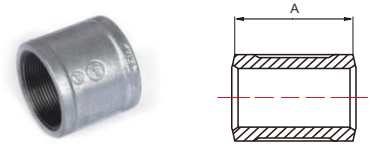
SIZE	DN	A (mm)	B (mm)	Weight (g)
1/2"	15	36	30	88
3/4"	20	43	36	144
1"	25	51	42	224
1 1/4"	32	64	54	362
1 1/2"	40	68	58	450
2"	50	81	70	752
2 1/2"	65	99	86	1344
3"	80	113	100	1963
4"	100	142	126	

Part Thread Socket



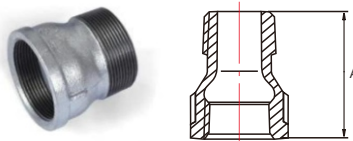
SIZE	DN	L (mm)	Weight (g)
1/8"	6	23.5	/
1/4"	8	26	37
3/8"	10	29	47
1/2"	15	35	82
3/4"	20	38	116
1"	25	44	180
1¼"	32	49	270
1½"	40	53	326
2"	50	63	555
2½"	65	72	842
3"	80	77.5	1024
4"	100	91.5	1737
6"	150	118	3854

Entire Thread Socket



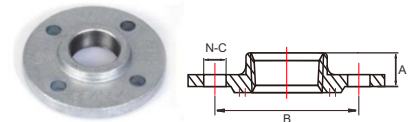
SIZE	DN	A (mm)	Weight (g)
1/4"	8	26	39
3/8"	10	29	49
1/2"	15	35	84
3/4"	20	38	118
1"	25	44	182
1¼"	32	49	269
1½"	40	53	345
2"	50	63	595
2½"	65	72	839
3"	80	77.5	1087
4"	100	91.5	1811
6"	150	118	3867

Socket Male & Female



SIZE	DN	A (mm)	Weight (g)
1/2"	15	44	58
3/4"	20	45	91
1"	25	52	140
1¼"	32	57	202
1½"	40	60	255
2"	50	66	392

Round Flange With 4 Holes



SIZE	DN	A (mm)	B (mm)	N-C (mm)	Weight (g)
1¼"	32	24	105	4-18	1461
1½"	40	26	115	4-18	1719
2"	50	29	125	4-18	2269
2½"	65	33	145	4-18	3150
3"	80	34	160	8-18	3616
4"	100	39	180	8-18	4239
6"	150	42	240	8-22	7800

AMD

PT. AMD PIPING SYSTEM



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Kec. Kelapa Dua, Kabupaten
Tangerang - Banten

Factory

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Kab.Demak, Jawa Tengah



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