



Mark[®]



**No-Hub Cast Iron
Drainage System**



Mark[®] No-hub cast iron drainage system comprises cast iron pipes, fittings, couplings and other accessories.

Mark[®] No-hub cast iron drainage system is for above ground applications. The quality of material and method of manufacture have been found satisfactory.

Mark[®] No-hub cast iron drainage system is complied with the ISO 6594 Standard and BS EN877 European Standard.

All pipes used in this system are manufactured using the centrifugal casting process.

The pipes are spun cast without sockets and supplied in 3M lengths. The couplings consist of an EPDM gasket and a stainless steel collar, which is tightened by stainless steel bolts.

Nominal Diameter (mm)	Outside Diameter (mm)	Pipes			Fittings	
		Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Weight Per 3M Length (kg)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)
40	47 – 50	3.5	3.0	10.5	3.5	3.0
50	57 – 60	3.5	3.0	13.1	3.5	3.0
70	77 – 80	3.5	3.0	19.2	3.5	3.0
75	82 – 85	3.5	3.0	18.9	3.5	3.0
100	109 – 112	3.5	3.0	25.2	3.5	3.0
150	158 -162	4.0	3.5	42.8	4.0	3.5
200	207.5 – 212.5	4.5	4.0	70.1	4.5	4.0
250	271.5 – 276.5	5.5	4.5	100.6	5.5	4.5
300	323.5 – 328.5	6.0	5.0	129.7	8.0	6.5

Mark[®] pipes are coated externally with red anti-rust paint and internally with ochre colour tar free epoxy coating. The fittings are coated internally and externally with red tar free epoxy coating.

Characteristics of **Mark[®]** pipework system:-

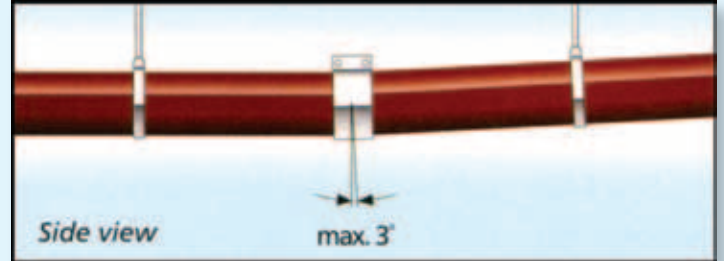
- Adequate resistance to temperature change.
- Adequate resistance to waste water.
- Adequate resistance quantities of chemicals.
- Adequate resistance to the forms of loading and protected with impacts.
- There are components which help to protect the pipework system against fire.
- Cast iron provides naturally silent waste water systems, comparing other pipe materials with the same wall thickness.
- Long life expectancy.
- The system can be removed easily and replaced.

PRODUCT DESCRIPTION

PIPES	FITTINGS	COUPLINGS
Grey cast iron		AISI 304 or AISI 316 shells with AISI 304 or AISI 316 bolts
Overall length 1 = 3000mm	Length of all fittings are complied in the catalogue tables	
Range : 40, 50, 70, 75, 100, 150, 200, 250, 300mm		Range : 40, 50, 70, 75, 100, 150, 200, 250, 300mm
Inside : Tar free epoxy coating average 120µm - 150µm 250µm -300µm upon request	Inside : Tar free epoxy coating average 120µm - 150µm 250µm -300µm upon request	EPDM sealing gasket
Outside : Anti rust red primer average 70µm	Outside : Tar free epoxy coating average 120µm - 150µm	
Marking : Manufacturer mark, standard, nominal diameter, period of manufacture, identification of the production site		
Temperature up to 90°C		EPDM watertight joint up to 130°C
Permissible accidental internal pressure 4 bars		Permissible accidental water pressure for tightness : 5 bars
Resistant to salt spary, resistant to waste water, Chemical resistant pH 2 to 12		

PRODUCT DESCRIPTION

- Angular deviation must not exceed 3° and this arrangement should not be used to replace a bend, otherwise it could cause leakage.



- Pipes must be adequately supported by brackets every connection and at a maximum spacing of 2 metres. The maximum distance allowed between support bracket and coupling is 750mm.



- When inserting a junction or length of pipe into an existing pipeline, the pipe ends should be cut square. Check the cut end of pipe for sharp edges that might damage the elastomer seal in the coupling.
- It is recommended that the cut edges are coated with epoxy coating or anti-corrosive paint.

Mark[®] COUPLINGS :

Mark[®] stainless steel coupling for using in above ground application has a collar of stainless steel to EN10088 and has a joint sleeve of EPDM elastomer to EN681 (ISO 4633).

The couplings could be made in different combinations of collar and bolts in materials of AISI 304 or AISI 316.

Mark[®] couplings are come with electrical continuity clip, which allows electrical continuity between two cast iron pipes.

The properties of EPDM sealing gasket is for water tightness at an internal pressure of 0.5 bar effects of thermal cycling ease of jointing. The max. pressures in restrained situation is 5.0 bar.

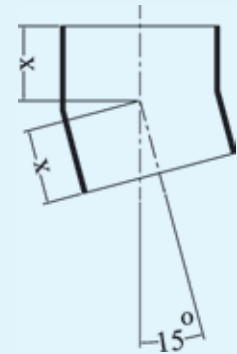
No-Hub Pipe

PRODUCT REFERENCE	DIA. mm	OD MAX. mm	OD MIN. mm	S NOMINAL mm	S MIN. mm	L mm	WEIGHT KG/PIECE
WEMA01000	40	50.0	47.0	3.0	2.5	3000	10.5
WEMA01010	50	60.0	57.0	3.5	3.0	3000	13.0
WEMA01020	70	77.0	74.0	3.5	3.0	3000	17.7
WEMA01025	75	85.0	82.0	3.5	3.0	3000	18.9
WEMA01030	100	112.0	109.0	3.5	3.0	3000	25.2
WEMA01050	150	162.0	158.0	4.0	3.5	3000	42.8
WEMA01060	200	212.0	208.0	5.0	4.0	3000	70.0
WEMA01070	250	274.0	271.5	5.5	4.5	3000	99.8
WEMA01080	300	328.5	323.5	6.0	5.0	3000	129.7



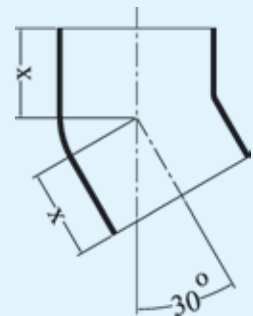
15° Short Bend

PRODUCT REFERENCE	DIA. mm	X mm	WEIGHT KG/PIECE
WEMA03110	50	40	0.4
WEMA03120	70	45	0.6
WEMA03125	75	50	0.8
WEMA03130	100	50	1.2
WEMA03150	150	65	2.8
WEMA03160	200	80	4.6
WEMA03170	250	95	8.3
WEMA03180	300	110	13.2



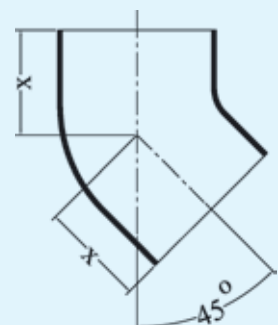
30° Short Bend

PRODUCT REFERENCE	DIA. mm	X mm	WEIGHT KG/PIECE
WEMA03310	50	45	0.5
WEMA03320	70	50	0.7
WEMA03325	75	60	0.8
WEMA03330	100	60	1.3
WEMA03350	150	80	3.0
WEMA03360	200	95	5.4
WEMA03370	250	110	9.7
WEMA03380	300	130	15.5



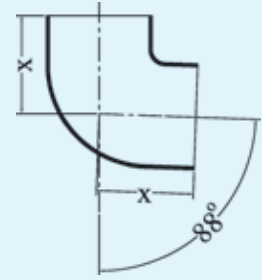
45° Short Bend

PRODUCT REFERENCE	DIA. mm	X mm	WEIGHT KG/PIECE
WEMA03400	40	65	0.4
WEMA03410	50	50	0.5
WEMA03420	70	60	0.8
WEMA03425	75	60	1.0
WEMA03430	100	70	1.6
WEMA03450	150	90	3.7
WEMA03460	200	110	6.2
WEMA03470	250	130	10.3
WEMA03480	300	160	17.5



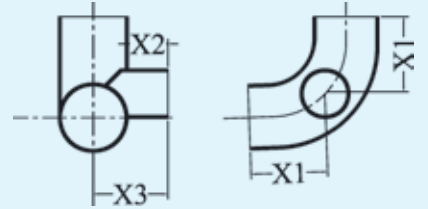
88° Short Bend

PRODUCT REFERENCE	DIA. mm	X mm	WEIGHT KG/PIECE
WEMA03600	40	70	0.4
WEMA03610	50	75	0.7
WEMA03620	70	95	1.1
WEMA03625	75	95	1.4
WEMA03630	100	100	2.2
WEMA03650	150	140	5.3
WEMA03660	200	180	8.8
WEMA03670	250	230	14.8
WEMA03680	300	260	24.0



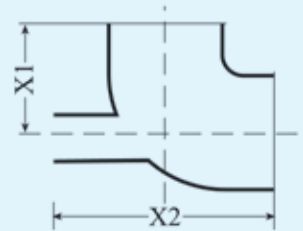
88° Short Bend with Vent

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	WEIGHT KG/PIECE
WEMA03690	100 x 50	95	42	100	2.9



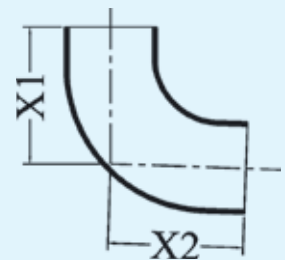
88° Short Bend with Heel Opening

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	WEIGHT KG/PIECE
WEMA03700	100x50	110	202	2.9



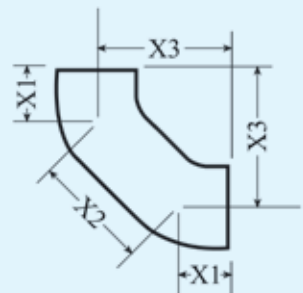
88° Long Bend

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	WEIGHT KG/PIECE
WEMA05620	70	240	240	2.9
WEMA05630	100	230	250	5.1
WEMA05650	150	245	245	9.0



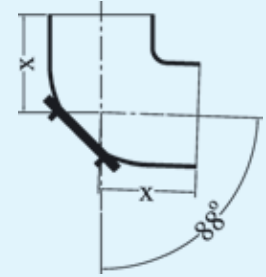
88° Double Bend

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	WEIGHT KG/PIECE
WEMA06610	50	50	100	121	1.2
WEMA06625	75	60	120	145	1.8
WEMA06630	100	70	140	170	3.2
WEMA06650	150	90	180	219	7.0



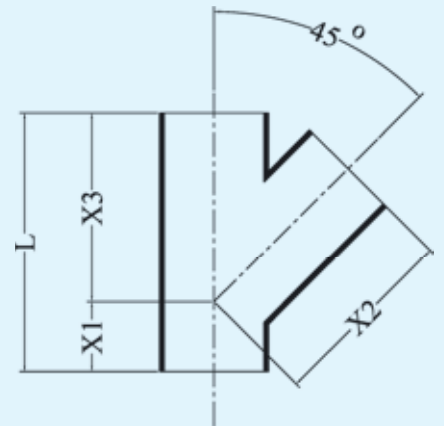
88° Short Bend with Access Door

PRODUCT REFERENCE	DIA. mm	X mm	WEIGHT KG/PIECE
WEMA08625	75	95	2.4
WEMA08630	100	110	3.4
WEMA08650	150	145	5.5
WEMA08660	200	180	9.5
WEMA08670	250	220	18.0
WEMA08680	300	260	23.5



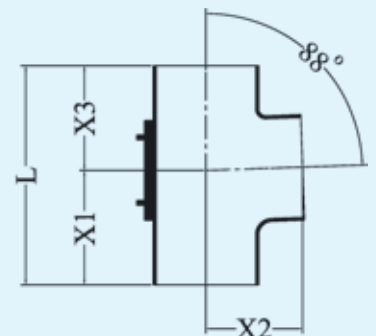
45° Single Branch

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	L mm	WEIGHT KG/PIECE
WEMA10400	40 x 40	45	115	115	160	1.0
WEMA10410	50 x 40	45	115	115	160	1.1
WEMA10411	50 x 50	45	115	115	160	1.2
WEMA10421	70 x 50	40	130	130	170	1.6
WEMA10422	70 x 70	55	145	145	200	2.1
WEMA10423	75 x 50	50	140	140	190	1.8
WEMA10424	75 x 75	65	160	160	225	2.4
WEMA10431	100 x 50	30	150	150	180	2.3
WEMA10432	100 x 70	45	170	170	215	3.0
WEMA10434	100 x 75	55	175	175	230	3.5
WEMA10433	100 x 100	70	190	190	260	3.8
WEMA10452	150 x 75	30	215	215	245	5.9
WEMA10453	150 x 100	55	225	225	280	6.5
WEMA10455	150 x 150	90	265	265	355	9.2
WEMA10463	200 x 100	40	260	260	300	9.8
WEMA10465	200 x 150	75	300	300	375	13.3
WEMA10466	200 x 200	115	340	340	455	17.3
WEMA10475	250 x 150	55	350	350	405	20.2
WEMA10476	250 x 200	90	380	380	470	24.8
WEMA10477	250 x 250	60	488	500	560	28.5
WEMA10485	300 x 150	35	380	380	415	26.9
WEMA10486	300 x 200	70	415	440	510	34.0
WEMA10487	300 x 250	115	465	465	580	42.1
WEMA10488	300 x 300	95	580	565	660	48.4



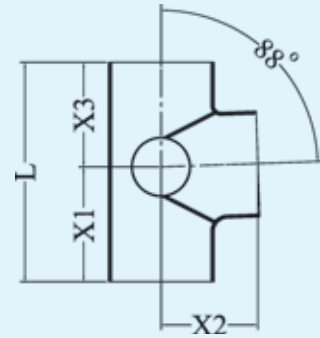
88° Single Branch with Access Door

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	L mm	WEIGHT KG/PIECE
WEMA12625	75 x 75	128	118	79	207	3.5
WEMA12633	100 x 100	168	150	102	270	5.3
WEMA12655	150 x 150	206	190	142	348	13.8
WEMA12660	200 x 200	248	225	152	400	20.0
WEMA12670	250 x 250	311	281	189	500	36.6
WEMA12680	300 x 300	366	331	223	589	59.2



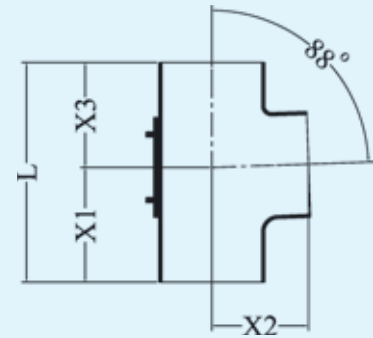
88° Single Branch with 50mm Side Opening (Unequal Branch)

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	L mm	WEIGHT KG/PIECE
WEMA11633	100 x 100 x 50	115	141	115	230	3.9



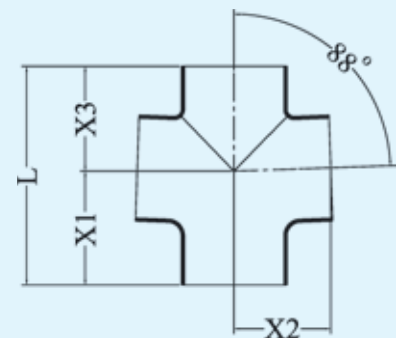
88° Single Branch

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	L mm	WEIGHT KG/PIECE
WEMA10601	40 x 40	75	80	65	140	0.8
WEMA10611	50 x 50	79	80	66	145	0.9
WEMA10621	70 x 50	83	90	72	155	1.4
WEMA10622	70 x 70	97	95	83	180	1.7
WEMA10623	75 x 50	95	90	85	180	1.6
WEMA10624	75 x 75	95	95	85	180	1.9
WEMA10631	100 x 50	94	105	76	170	2.1
WEMA10632	100 x 70	102	110	88	190	2.4
WEMA10634	100 x 75	105	110	85	190	2.6
WEMA10633	100 x 100	115	117	100	220	2.9
WEMA10652	150 x 75	116	142	106	223	5.1
WEMA10653	150 x 100	130	145	115	245	5.5
WEMA10655	150 x 150	158	157	142	300	6.9
WEMA10663	200 x 100	165	165	160	325	7.5
WEMA10665	200 x 150	170	175	176	346	8.8
WEMA10666	200 x 200	180	180	184	364	10.8
WEMA10677	250 x 250	225	225	230	455	19.8
WEMA10688	300 x 300	265	265	271	536	32.0



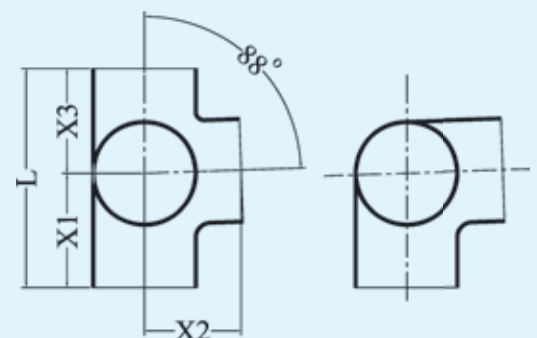
88° Double Branch

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	L mm	WEIGHT KG/PIECE
WEMA15622	70 x 70	97	95	83	180	2.0
WEMA15633	100 x 100	115	115	105	220	3.2
WEMA15653	150 x 100	134	155	140	274	7.1
WEMA15655	150 x 150	158	155	142	300	7.9



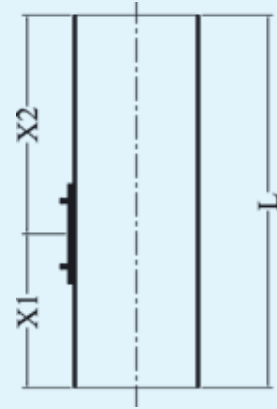
88° Corner Branch

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	L mm	WEIGHT KG/PIECE
WEMA17622	70 x 70	97	95	83	180	2.0
WEMA17633	100 x 100	115	115	105	220	3.1
WEMA17655	150 x 100	158	155	142	300	7.9



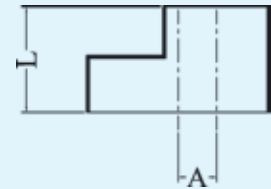
Short Pipe with Access Door

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	L mm	WEIGHT KG/PIECE
WEMA43010	50	75	170	193	1.9
WEMA43020	70	80	170	250	2.2
WEMA43025	75	110	110	220	3.1
WEMA43030	100	100	200	340	4.7
WEMA43050	150	125	225	395	8.7
WEMA43060	200	232	232	465	22.0
WEMA43070	250	270	270	570	36.5
WEMA43080	300	305	305	640	51.0



Reducer

PRODUCT REFERENCE	DIA. mm	A mm	L mm	WEIGHT KG/PIECE
WEMA23010	50 x 40	5	60	0.3
WEMA23021	70 x 50	10	75	0.5
WEMA23022	75 x 50	12.5	80	0.7
WEMA23031	100 x 50	26	80	1.0
WEMA23032	100 x 70	16	85	1.0
WEMA23033	100 x 75	13.5	90	1.1
WEMA23052	150 x 70	41	100	2.2
WEMA23051	150 x 75	38	90	2.2
WEMA23053	150 x 100	25	105	2.2
WEMA23063	200 x 100	50	115	4.0
WEMA23065	200 x 150	25	125	4.3
WEMA23075	250 x 150	57	135	6.8
WEMA23076	250 x 200	32	145	7.0
WEMA23085	300 x 150	83	150	10.7
WEMA23086	300 x 200	58	160	11.4
WEMA23087	300 x 250	26	170	12.4



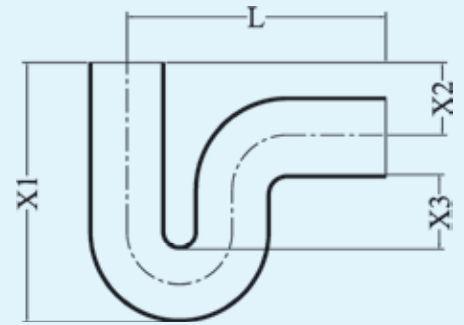
Plug

PRODUCT REFERENCE	DIA. mm	L mm	WEIGHT KG/PIECE
WEMA47010	50	30	0.2
WEMA47020	70	35	0.4
WEMA47025	75	35	0.5
WEMA47030	100	40	0.7
WEMA47050	150	50	1.3
WEMA47060	200	60	3.1
WEMA47070	250	70	6.0
WEMA47080	300	80	9.5



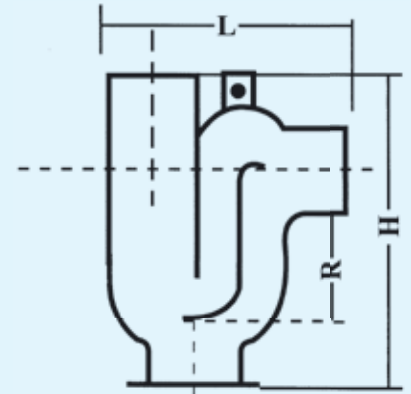
P-Trap

PRODUCT REFERENCE	DIA. mm	X1 mm	X2 mm	X3 mm	L mm	WEIGHT KG/PIECE
WEMA50010	50	200	60	75	180	2.8
WEMA50020	70	230	75	75	260	3.4
WEMA50030	100	300	110	75	310	8.0
WEMA50050	150	388	160	80	450	17.5



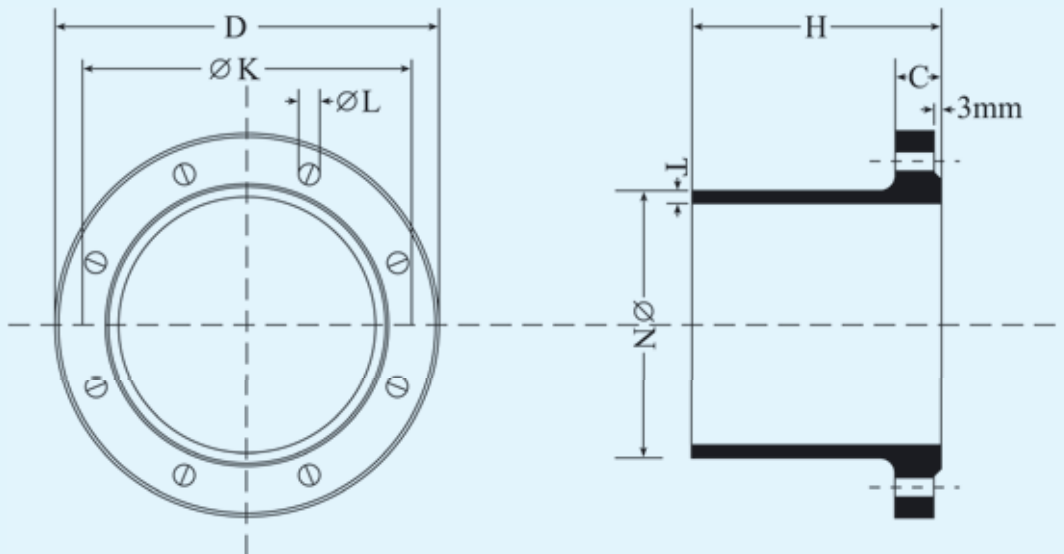
Anti-Siphonic Trap

PRODUCT REFERENCE	DIA. mm	L mm	H mm	R mm	WEIGHT KG/PIECE
WEMA50110	50	184	251	80	3.7
WEMA50120	70	236	275	80	9.1
WEMA50125	75	240	275	80	9.3
WEMA50130	100	322	372	109	16.8
WEMA50140	150	397	498	200	24.6



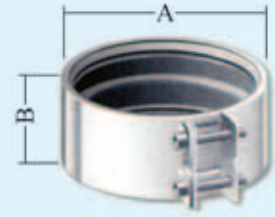
Flange Spigot Connection Pieces

PRODUCT REFERENCE	DIA. mm	D mm	K mm	L mm	C mm	N mm	BOLTS		H mm	T mm	WEIGHT KG/PIECE
							NO.	SIZE			
WEMA50230	100	220	180	19	22	110	8	M16	140	3.5	6.8
WEMA50250	150	285	240	23	22	160	8	M20	150	4.0	13.5
WEMA50260	200	340	295	23	22	222	8	M20	160	5.0	14.5



S.S. 304 / S.S. 316 Coupling with Bolts

PRODUCT REFERENCE	DIA. mm	A mm	B mm	NO. OF BOLT	WEIGHT KG/PIECE
WEMA60000	40	56	56	2	0.12
WEMA60010	50	73	56	2	0.15
WEMA60020	70	89	56	2	0.20
WEMA60025	75	96	56	2	0.22
WEMA60030	100	127	56	2	0.25
WEMA60050	150	172	69	2	0.40



S.S. 304 / S.S. 316 Coupling with Bolts

PRODUCT REFERENCE	DIA. mm	A mm	B mm	NO. OF BOLT	WEIGHT KG/PIECE
WEMA60060	200	222	69	4	0.50



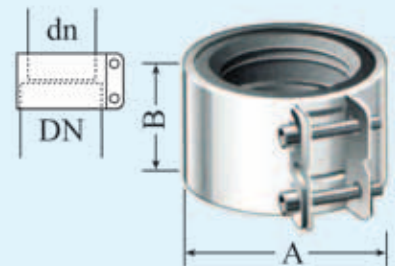
S.S. 304 / S.S. 316 Coupling with Bolts

PRODUCT REFERENCE	DIA. mm	A mm	B mm	NO. OF BOLT	WEIGHT KG/PIECE
WEMA60070	250	290	140	8	1.50
WEMA60080	300	340	140	8	2.00



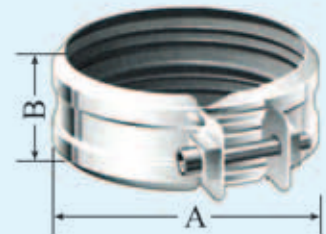
S.S. 304 / S.S. 316 Reducing Coupling with Bolts

PRODUCT REFERENCE	DIA. mm	A mm	B mm	NO. OF BOLT	WEIGHT KG/PIECE
WEMA60005	50x40	74	56	2	0.14
WEMA60023	75x70	101	56	2	0.21



S.S. 304 / S.S. 316 Coupling with Single Bolt

PRODUCT REFERENCE	DIA. mm	A mm	B mm	WEIGHT KG/PIECE
WEMA60100	40	59	42	0.10
WEMA60110	50	71	42	0.11
WEMA60120	70	89	45	0.17
WEMA60125	75	97	45	0.17
WEMA60130	100	123	45	0.21
WEMA60150	150	178	54	0.35
WEMA60160	200	228	66	0.68



All couplings are made of 304 / 316 stainless steel with 304 / 316 bolt(s), EPDM gasket and come with electrical continuity clips.

Grip Collar (Galvanized Carbon Steel / S.S. 304 / S.S. 316)

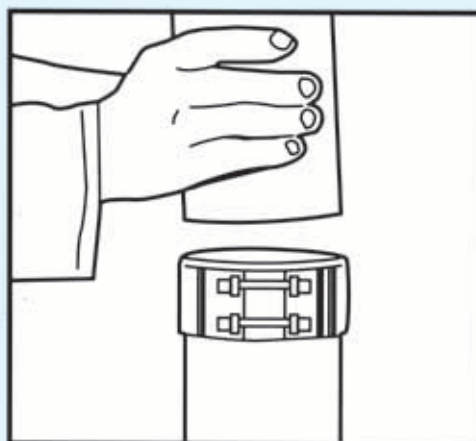
PRODUCT REFERENCE	DIA. mm	B mm	WEIGHT KG/PIECE
WEMA70010	50	95	0.50
WEMA70020	70	95	0.56
WEMA70025	75	95	0.56
WEMA70030	100	95	0.12
WEMA70050	150	106	0.12
WEMA70060	200	118	0.16
WEMA70070	250	184	0.29
WEMA70080	300	184	0.36



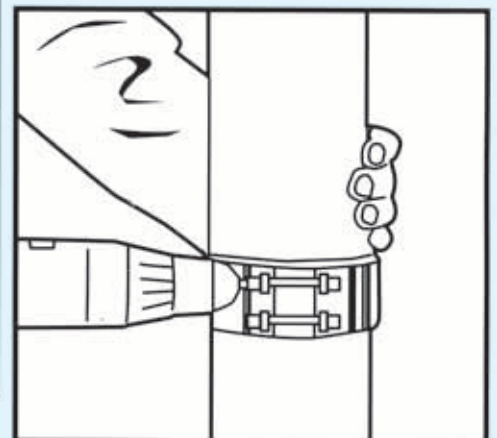
INSTALLATION INSTRUCTIONS



1. Place coupling over the end of pipe.



2. Push second pipe into the coupling.



3. Tighten bolts with spanner or power drill.

- The coupling should be tightened to a minimum 3 Nm torque and maximum 5 Nm.



Certificate

EUROPEAN COMMUNITY — CERTIFICATE OF CONFORMITY
CERTIFICATE No: TC14/0103/0852/2358/CN

Applicant Name: Wealthmark Ltd.
Applicant Address: Unit 1201, 12F, Block B, Sea View Estate, 46 Watson Road, North Point, HK.
Manufacturer Name: Shijiazhuang Jipeng Import And Export Co., Ltd.
Manufacturer Address: 133 Zhongshan Donglu Dajiaochang P.R.China
Product Name: Epoxy Coated Hubless Cast Iron Pipes/Fittings/Classless Steel Couplings/Clamps
Models: Ruler 50/Archie
Reports No.: TC14/0103/0852/2358/CN
Brand Name: mark



HARMONISATION
 This product complies with the Safety regulations of the Construction Products Directive (89/106/EEC) and among others the following harmonized standards:
EN 877:1999 + A1:2006 AC:2008/REACTION TO FIRE-(2-+-(L)0)

REMARKS
 This Certificate is Only Valid For The Equipment And Configuration Detailed And In Conjunction With The Test Data Detailed Above.

CONCLUSION OF ASSESSMENT
 Based on our review we can confirm that the technical file for the above mentioned product meets the requirements of the relevant Directives. The manufacturer is responsible for verifying the product and ensuring that all manufactured products are in compliance with the specifications detailed in the construction file.

Certificate issued: January 03, 2014
 Place: Paris, France
 Signature: 
 France Organisation For Technical Conformity Center Ltd
 22 Rue de Sèvres, 75007 Paris, France
 info@otc-france.com






BUILDINGS DEPARTMENT

WORLD WARE :
 CHEUNG A WEE :
 FAX NUMBER :
 TEL. QR :
 www.info.gov.hk/bd

RD CR/DM/209
 233 9980
 2636 1220

5 January 2004

Wealthmark Ltd.
 Room 1001, 10th Floor
 The Kwangtung Provincial Bank Building
 409-415 Hennessy Road
 Hong Kong
 (Attn.: Ms Maggie LEE)

Dear Madam,

Proprietary Drainage Products
Application for Approval of "mark" Epoxy coated cast iron pipe and fitting

I refer to your letter of 2.1.2004 and a copy of the catalogue.

Please be advised that there is no provision under the Buildings Ordinance for the Building Authority to approve any proprietary drainage products.

Under the Buildings Ordinance, "authorized persons" (i.e. architects, engineers or surveyors registered with the Building Authority) are required to supervise building works including the selection and installation of proprietary drainage products and to certify compliance with the Buildings Ordinance upon completion of works. Authorized persons are therefore responsible for ensuring all the requirements stipulated in the Building (Standards of Sanitary Fittings, Plumbing, Drainage Works and Latrines) Regulations are complied with in the building projects which they have been appointed by the developer to co-ordinate and supervise. It is also their responsibility to ensure these products have been installed in accordance with the manufacturers' specifications and complied with the Buildings Ordinance and Regulations.

Before drainage products are installed in a building project, the authorized person appointed for the project should be approached for advice and guidance and prior comment or approval from the Buildings Department is not required.

Yours faithfully,

 (Anderson C B CHAN)
 Building Surveyor/Technical Services I
 for Director of Buildings

B 1/A 20/1/0010 700 2007/0-12 001/10 00 13/1/04 Phoenix Centre, 750 Nathan Road, Mong Kok, Kowloon, Hong Kong.

SGS

Test Report No. AJO201306046-1 Date: OCT.18, 2013 Page 1 of 6

WEALTHMARK LTD.
 UNIT 1201, 12F, BLOCK B, SEA VIEW ESTATE, 4-6 WATSON ROAD, NORTH POINT, H.K.

THIS TEST REPORT IS TO SUPERSEDE TEST REPORT NO. AJO201306046, DATE: 03/09/2013
 The following sample(s) was/were submitted and certified on behalf of the client as:

Sample Description: "MARK" BRAND BS EN877 NON HUB EPOXY COATED CAST IRON PIPES AND FITTINGS

SGS Ref No.: TA-G201302796

Test Requested:
 Testing of reaction to fire of the sample according to EN 877-1999+A1:2006 incorporating corrigendum January 2007 Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings—Requirements, test methods and quality assurance, Annex H (optional) Reaction to fire test (S1) adaptation for testing a products range) and EN ISO 1716:2010, Reaction to fire tests for building products— Determination of the heat of combustion.

Test Results: — See attached sheet—

Test Period:
 Sample Receiving Date: 1 SEP.02.2013
 Test Performing Date: 1 SEP.02.2013 TO SEP.26.2013

Signed for and on behalf of
 SGS-CSTC Co., Ltd.

 Alan Zou
 Technical Supervisor



SGS S.p.A. - Via Cassanese, 44 - 41012 Castelfranco (MO) - Italy
 Tel: +39 059 93731 - Fax: +39 059 9373211 - www.sgs.com - E: info@sgs.com
 SGS (China) Co., Ltd. - 100020 Beijing - China
 Tel: +86 10 8545 6666 - Fax: +86 10 8545 6667 - www.sgs.com.cn - E: info@sgs.com.cn



CISPI 301 / ASTM A888

Mark® No-hub cast iron drainage system comprises cast iron pipes, fittings, couplings and other accessories.

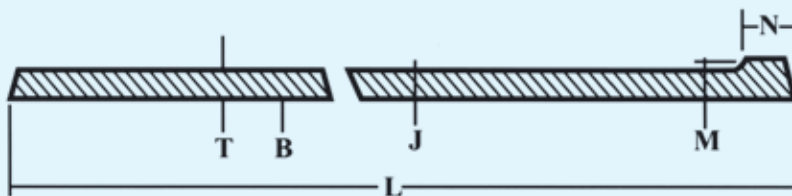
Mark® No-hub cast iron drainage system, pipes, fittings and couplings for above ground applications. The quality of material and method of manufacture have been found satisfactory.

All the **Mark®** No-hub cast iron drainage system, pipes and fittings are complied to the requirements of CISPI Standard 301 or ASTM A-888. The couplings are complied to CISPI 310.

All pipes used in this system are using the centrifugal casting process.

The pipes and fittings are connected with couplings. The couplings consist of a stainless steel shield, clamp assembly and an elastomeric sealing sleeve conforming to the requirements of ASTM C564.

Dimensions and tolerances (in inches) of spigots and barrels for hubless pipe and fittings.



* Pipe may be with or without a spigot bead.

Size	Inside Diameter Barrel	Outside Diameter Barrel	Outside Diameter Spigot	Width Spigot Bead	Thickness of Barrel		Laying Length L	
	B	J	M	N (±.13)	T-Nom.	T-Min.	5 Foot (±.25)	10 Foot (±.50)
1.1/2	1.50 ± .09	1.90 ± .06	1.96 ± .06	.25	.16	.13	60	120
2	2.00 ± .06	2.35 ± .09	2.41 ± .09	.25	.16	.13	60	120
3	3.00 ± .06	3.35 ± .09	3.41 ± .09	.25	.16	.13	60	120
4	4.00 ± .06	4.38 + .09 - .05	4.44 ± .09	.31	.19	.15	60	120
5	4.94 ± .09	5.30 + .09 - .05	5.36 ± .09	.31	.19	.15	60	120
6	5.94 ± .09	6.30 + .09 - .05	6.36 ± .09	.31	.19	.15	60	120
8	7.94 ± .13	8.38 + .13 - .09	8.44 ± .09	.31	.23	.17	60	120
10	10.00 ± .13	10.56 ± .09	10.62 ± .09	.31	.28	.22	60	120
12	11.94 ± .13	12.50 ± .13	12.62 ± .13	.31	.28	.22	60	120
15	15.11 ± .13	15.83 ± .13	16.12 ± .13	.31	.36	.30	60	120

FITTING	ASTM A888 FIG	CISPI 301 TABLE
1/4 Bend	5	5
1/4 Bend, Reducing	6	6 & 7
1/4 Bend, with Side Opening	7	8
1/4 Bend, with Heel Opening	8	9
1/4 Bend, Tapped	9	11
1/4 Bend, Double	10	13
1/4 Bend, Long	11	14
Short Sweep	12	15
Long Sweep	13	17
Long Sweep, Reducing	14	18
1/5 Bend	15	19
1/6 Bend	16	20
1/8 Bend	17	21
1/8 Bend Long	18	22
1/16 Bend	19	23
Sanitary Tee	20	24
Sanitary Tee, with Side Opening	21	28
Sanitary Tee, with 2-in. Side Opening R or L/R and L	22	29
Sanitary Tee, New Orleans Special with Side Opening	23	30
Sanitary Tee, with 45° Side Openings and New Orleans	24	31
Sanitary Special Tee Tapped	25	32
Sanitary Tapped Tee, Horizontal Twin	26	37
Sanitary Tapped Tee, Double Vertical	27	38
Y Branch	28	39
Y Branch, Double	29	42
Y Branch, Upright	30	45
Upright Y Wide Center Florida Special	31	46
Y Branch, Combination 1/8 Bend	32	47
Y Branch, Combination 1/8 Bend Double	33	50
Sanitary Cross	34	51
Sanitary Cross with Side Opening	35	52
Sanitary Cross, New Orleans, with Side Openings	36	55
Sanitary Cross, New Orleans, with 45° Special and Regular Side Openings	37	56
Sanitary Cross, Tapped	38	57
Test Tee	39	58
Tapped, Extension Piece	40	62
Increaser-Reducer	41	63
Increaser-Reducer, Short	42	64
Tapped Adaptor	43	65
Blind Plug	44	66
Iron Body Cleanout-Tapped	45	67
P Trap	46	68
P Trap, Long	47	69
P Trap, Deep Seal	48	71

FITTING	ASTM A888 FIG	CISPI 301 TABLE
P Trap, with Primer	49	73
P Trap, with Tapped Inlet	50	74
Hub Adaptor	51	75
Tapped Inlet, Double	52	76 Fig 1A
Modified Combination Wye and 1/8 Bend, Double	53	80 Fig 5
Modified Combination Wye and 1/8 Bend, Double Extended	54	80 Fig 5
Regular or Extended Left or Right or Extended Double	55, 56	82 Fig 6, 8
Two-Way Cleanout	57	87
Twin Cleanout	58	88
Closet Bend, Regular and Reducing	59	89
Closet Flange Riser	60	90
Tapping Bosses	61	91
Closet Flange	62	
Double Sweep Sanitary Tee (Extended)	63	
Running Trap with Double Vents	64	
P Trap with Tapped or Hubless Side Inlet	65	
Vented Tub Wye Extended, Double	66	
Vented Tub Wye Extended Offset, Left or Right	67	
Vented Tub Wye	68	
Double Two Way Cleanout	69	
Sanitary Cross with 3-in. Vent and Two 2-in. 45° Inlets	70	
Vented Closet Tee or Cross	71	
Double Vertical 90° Stack	72	



Job Reference

Government

Fire Services Training School 將軍澳消防訓練學校
 Shatin Area 52, Phase 2 沙田水泉澳公共房屋
 Sheung Shui Ambulance Depot 上水救護站
 Hong Kong Sports Institute 香港體育學院
 Mei Ho House 美荷樓
 The Former Police Married Quarters Hollywood Road (PMQ)
 荷里活道前已婚警察宿舍 (元創方)
 Kennedy Town Swimming Pool 堅尼地城游泳池
 Sai Ying Pun Market 西營盤街市
 Sheung Tak Estate, TKO 將軍澳尚德村
 Bailey Street Complex, To Kwan Wan 土瓜灣庇利街聯用綜合大樓
 Yau Lai Estate, Phase 5, Yau Tong 油麗村第五期
 Yau Lai Estate, Phase 4, Yau Tong 油麗村第四期
 Swimming Pool Complex 屯門西北游泳池
 Tamar Central Government Office Building 添馬艦政府總部
 Wo Hop Shek Crematorium 和合石火葬場
 CITA, Kowloon Bay 九龍灣建造業訓練局
 Tuen Mun Police Quarters 屯門湖康警察宿舍
 Sheung Wan Market 上環街市

Hospital

Queen Mary Hospital 瑪麗醫院
 Yan Chai Hospital 仁濟醫院
 Castle Peak Hospital 青山醫院
 St. Paul Hospital 聖保祿醫院
 Caritas Hospital 明愛醫院
 Adventist Hospital 港安醫院
 United Christian Hospital 基督教聯合醫院
 Kowloon Hospital 九龍醫院

Hotel

Dorsett Regency Hong Kong 香港帝盛酒店
 Best Western Hotel 華麗精品酒店
 Butterfly Hotel 晉逸酒店
 Hotel Pennington 隆堡柏寧頓酒店

Macau

澳門金峰南岸
 澳門社會經濟房屋6期
 澳門大潭山壹號
 澳門祐漢小販大樓
 City of Dreams, Macau 新濠天地
 Arc de Triomphe, Macau 凱旋門
 Hotel & Mansion at Ponte 16, Macau 十六浦
 Sands Podium and Tower Extension, Macau 金沙酒店
 Crown Macau 皇冠酒店
 Grand Waldo Casino, Macau 金都娛樂場
 Wynn Resort Macau Hotel 永利澳門酒店
 RIO Hotel, Macau 利澳娛樂場

Residential / Commercial

53 Conduit Road 干德道
 184-198 Wellington Street 威靈頓街
 106-114 Kwok Shui Road 國瑞路
 63 Seymour Road, Mid-Level, Argenta 肆然
 Kin Yip Plaza 建業中心
 29-31 Yuk Sau Street, Happy Valley 毓秀街
 One Madison, 305 Castle Peak Road
 3 Headland Road, Repulse Bay 赫蘭道
 The Galaxy 嘉理中心
 Cyberport, Phase V 數碼港第五期
 One Pacific Centre, Kwun Tong
 China Resource Building 華潤大廈
 One New York, 464-474 Castle Peak Road
 1-3 Hoi Ping Road Cubus
 135-139 Thomson Road 譚臣道
 Sausalito, Ma On Shan 嵐岸
 Maison Rose 御匯
 Rivera Garden 海濱花園
 Hau Fook Mansion 厚福樓
 CDW Building 中國染廠大廈

School

Lingnan University 嶺南大學
 Hong Kong Int'l School, Tai Tam 香港國際學校
 Student Hostels, Chinese University 中文大學學生宿舍
 Hong Kong University Science and Technology 科技大學
 Wah Yan College Hong Kong 香港華仁書院
 Baptist University 浸會大學
 King George V School 英皇佐治五世學校
 The ISF Academy 弘立書院
 Diocesan Girls' Junior School 拔萃女小學
 Community College at City University 香港城市大學專上學院
 Diocesan Boys' School 拔萃男書院
 American International School 美國國際學校
 City University 香港城市大學
 The Chinese University of Hong Kong 中文大學
 The University of Hong Kong 香港大學

Miscellaneous

Sai Ying Pun Station and Hong Kong University Station
 西營盤站及香港大學站
 TKO Industrial Estate 將軍澳工業村
 Shatin Race Course 沙田馬場維修
 Ocean Park 海洋公園
 Happy Valley Racecourse 跑馬地馬場
 NWS Kwai Chung Logistic Centre 新創建葵涌物流中心
 Hong Kong International Airport 香港國際機場
 Bright Future Pharmaceutical Laboratories Ltd. 澳美製藥廠
 Tong Ren Tang Chinese Medicine Mfg. Factory
 北京同仁堂國藥有限公司
 Po Lin Monastery 寶蓮禪寺



Pipe Marking

≡≡≡ *Mark* EN877 DN100 1408 WM ≡≡≡



Unit 1201, 12/F., Block B, Sea View Estate,
4-6 Watson Road, North Point, Hong Kong.

Tel: (852) 2803 5321 Fax: (852) 2575 8483

Website: www.wmark.com.hk

Email: wealthmk@wmark.com.hk