



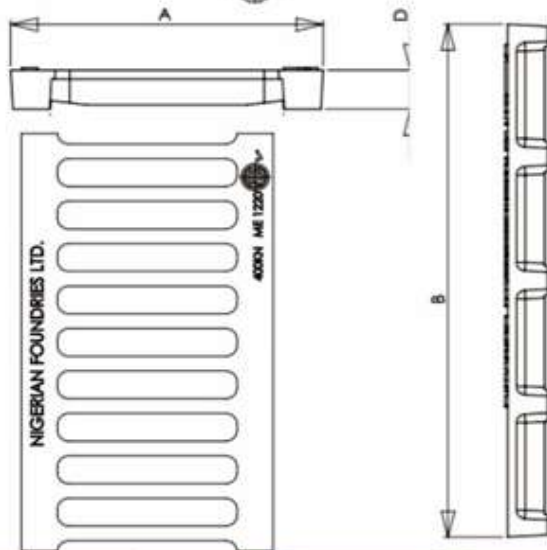
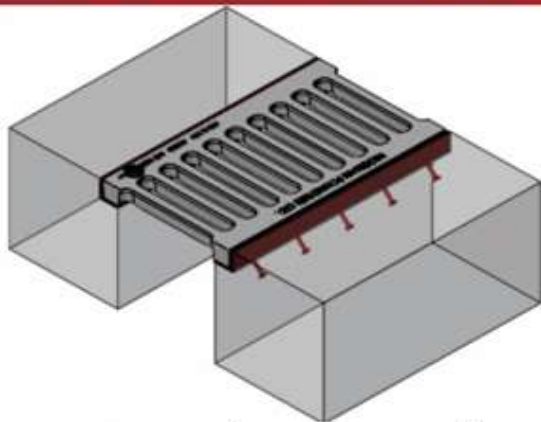
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MASTER SERIES

Municipal Castings

Ductile Iron

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HEAVY DUTY CHANNEL GRATINGS



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Efficient grates for large water clearing capacity.

Suitable for slow moving vehicular traffic

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Specifications:

PRODUCT CODE	(A)mm	(B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
CHA005	250	600	160	45	50 X 50
CHA 006	350	600	260	45	50 X 50
CHA140	300	600	210	45	50 X 50
CHA049	400	600	310	45	50 X 50
CHA144	500	700	410	45	50 X 50

Contact Details:

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Website: www.nigerianfoundries.com





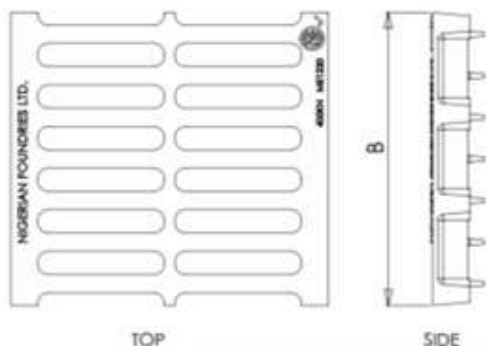
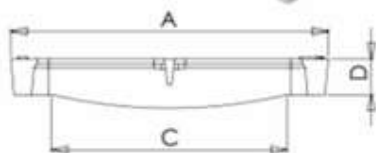
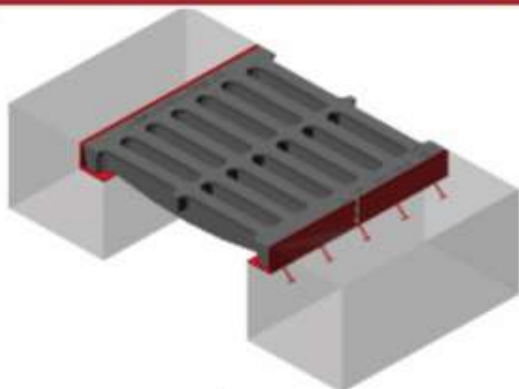
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TOP

SIDE

Specifications:

PRODUCT CODE	(A)mm	(B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
CHA014	760	600	622	69	75 X 75
CHA040	590	563	452	69	75 X 75



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HEAVY DUTY CHANNEL GRATINGS



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Efficient grates for large water clearing capacity.

Suitable for fast moving vehicular traffic.

Easy to Lift and Painted.

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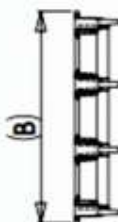
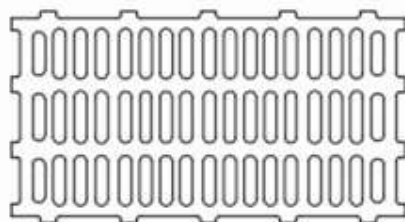
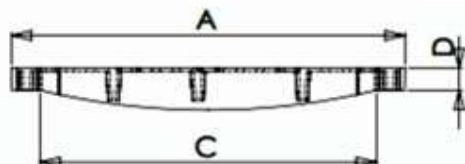
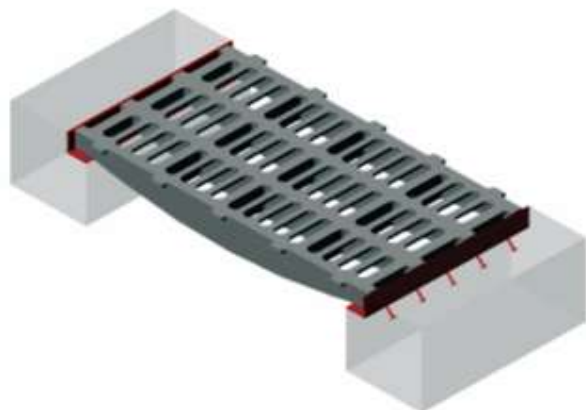
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DUCTILE IRON HEAVY DUTY CHANNEL GRATINGS



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Efficient grates for large water clearing capacity.

Suitable for fast moving vehicular traffic.
Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Specifications:

PRODUCT CODE	(A)mm	(B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
CHA003	563	400	473	45	50 X 50
CHA004	763	400	625	69	75 X 75
CHA002	1165	650	1027	69	75 X 75
CHA047	500	400	410	45	50 X 50
CHA121	790	400	652	69	75 X 75
CHA123	850	400	712	69	75 X 75

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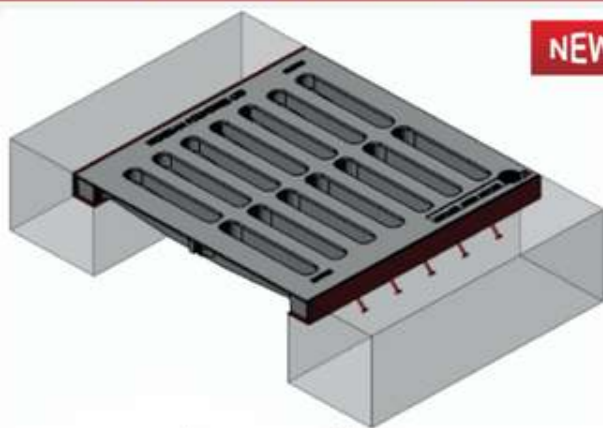
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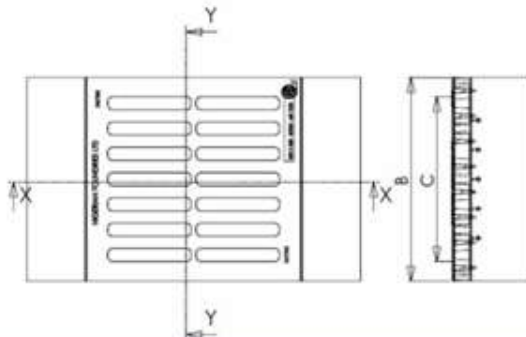
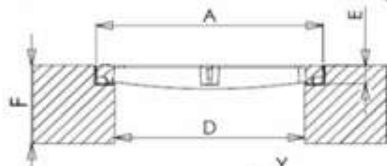
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NEW



No. ME-1220 & 1221



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HEAVY DUTY CHANNEL GRATINGS



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits :

Made from Ductile iron as per International Standard ASTM A536-84(2014)

- Suitable for use in areas of fast moving vehicle traffic
- Where large water capacity is desirable
- Ensures high performance along kerb side.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Can come with frame

Bolt down locking option

Specifications:

PRODUCT CODE	(A)mm	(B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
CHA132	830	830	692	69	75 X 75



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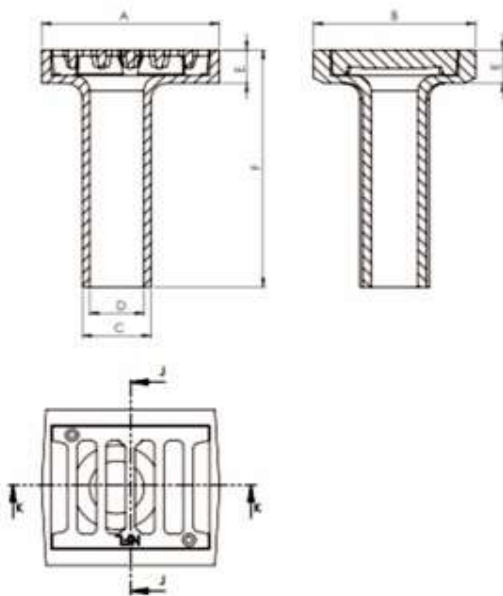
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GULLY INLET FOR BRIDGES



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Grey Cast iron as per International Standard BS EN 124:2015

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Bolt down Locking Option

Labeling/ Inscription

Pipe can be produced alone.

Specifications:

PRODUCT CODE	OVER BASE (A X B)mm	PIPE EXTERNAL DIAMETER (C)mm	PIPE OPENING (D)mm	HEIGHT (E)mm	(F)mm
GUL007	326 X 296	126	100	63	450

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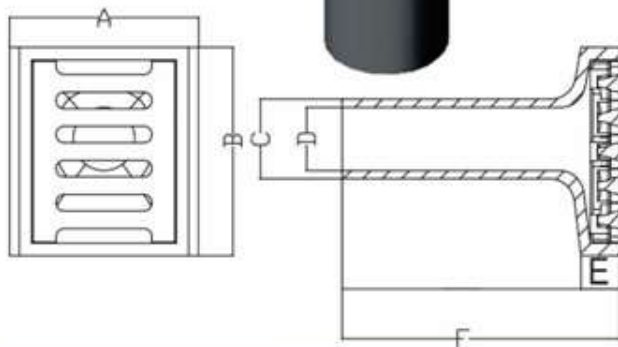
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GULLY INLET FOR BRIDGES



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Comes with Hinges for ease of opening and Bolted for additional security.

Options:

Labeling/ Inscription

Pipe can be produced alone.

Specifications:

PRODUCT CODE	OVER BASE (A X B)mm	PIPE EXTERNAL DIAMETER (C)mm	PIPE OPENING (D)mm	HEIGHT (E)mm	(F)mm
DGU001	345 X 475	156	140	75	450



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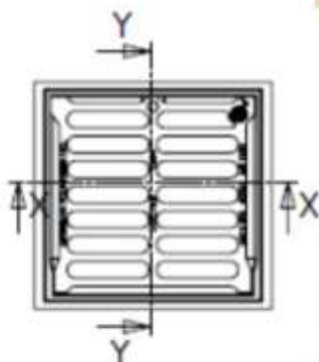
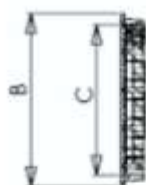
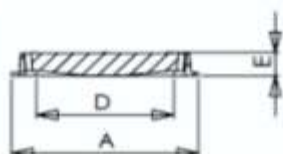


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LOCKABLE DUCTILE IRON GULLY GRATING AND FRAME WITH HINGE SYSTEM



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

Recommended for use in cities with slow moving traffic

Easy to Lift and Painted.

Comes with Hinges for ease of opening and Bolted for additional security.

All Products are proudly made in Nigeria with 100% Local Content.

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm ²	OVER BASE (A X B)mm ²	HEIGHT (E) mm
DCH001	480 X 390	530 X 530	67
DCH002	356 X 300	416 X 460	66
DCH003	600 X 520	625 X 700	68

Options:

Labeling/ Inscription



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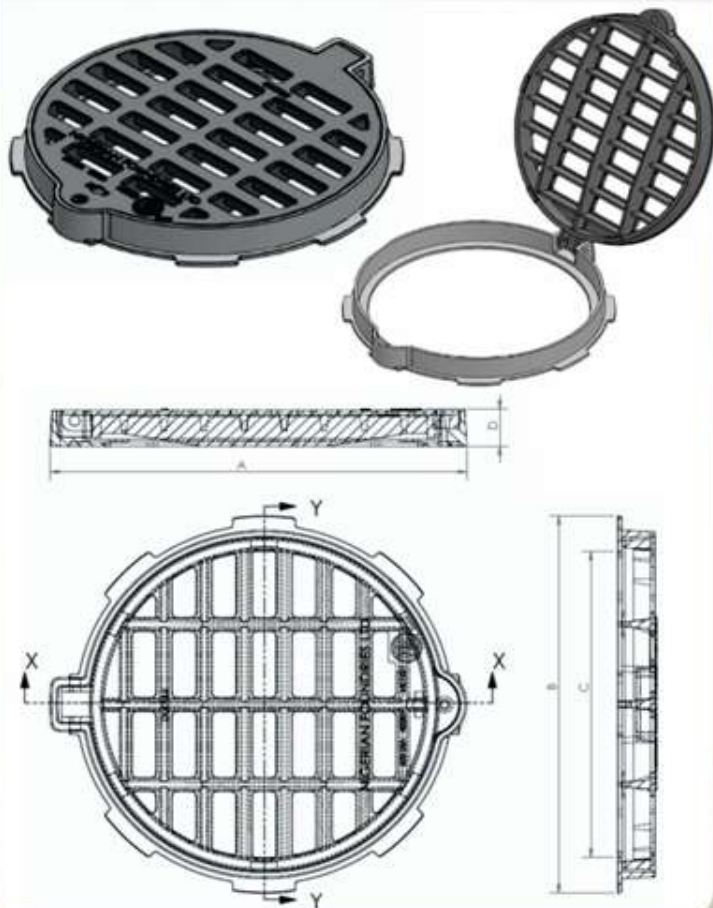
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CIRCULAR GULLY INLET FRAME AND COVER



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Efficient grates for large water clearing capacity.

Single Seal, Easy to Lift and Painted.

Bolted For Additional Security

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Labeling/ Inscription

Specifications:

PRODUCT CODE	CLEAR OPENING (ØB)mm	OVER BASE (ØA)mm	HEIGHT(C) mm
GUL010	600	739 X 777	70

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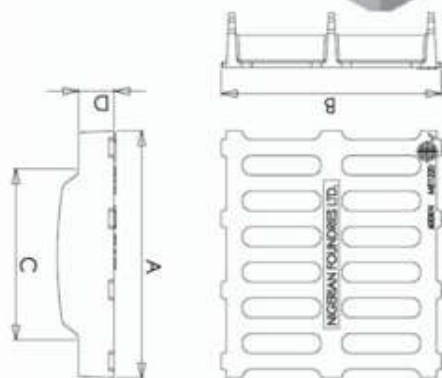




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HEAVY DUTY CHANNEL GRATING



Application

6

Group

E600

BS EN 124 Class

600KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

For use in areas of fast moving, very heavy traffic such as docks and aircraft pavement.

Easy to Lift, and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Security Bolting Available

Labeling/ Inscription

Specifications:

PRODUCT CODE	(A)mm	(B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
CHA062	500	425	362	69	75 X 75

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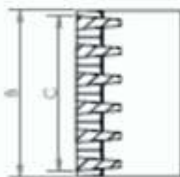
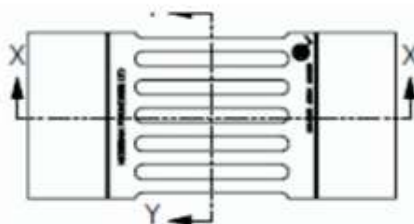
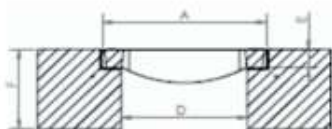
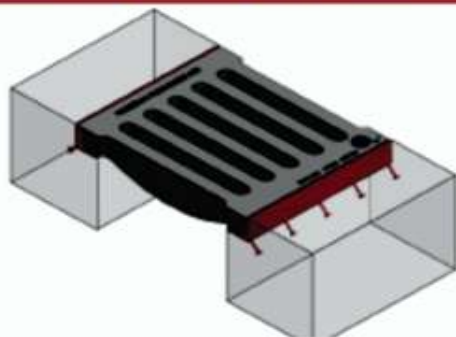
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HEAVY DUTY CHANNEL GRATING



Application

6

Group

E600

BS EN 124 Class

600KN

Test Load

Features & Benefits:

Made from Grey Cast iron as per International Standard BS EN 124:2015

For use in areas of fast moving, very heavy traffic such as docks and aircraft pavement.

Easy to Lift, and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Bolt Available on Request

Labeling/ Inscription

Specifications:

PRODUCT CODE	LENGTH (A)mm	WIDTH (B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
CHA087	500	590	452	69	75 X 75

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HEAVY DUTY GULLY GRATING WITH FRAME FOR PORTS



Application

9

Group

F900

BS EN 124 Class

900KN

Test Load

Features & Benefits:

Made from Grey Cast iron as per International Standard BS EN 124:2015

For use in areas of fast moving, very heavy traffic such as docks and aircraft pavement.

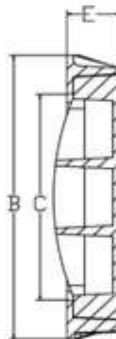
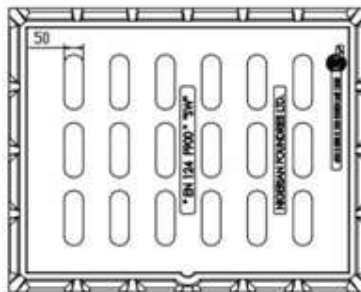
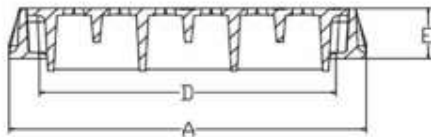
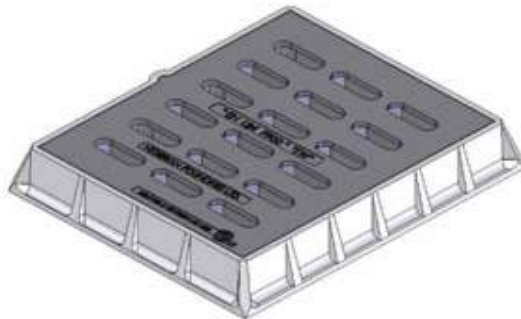
Easy to Lift and Painted

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Bolted for additional Security

Labeling/ Inscription



Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm ²	OVER BASE (A X B)mm ²	HEIGHT (E) mm
CHA100	780 X 580	944 X 800	142



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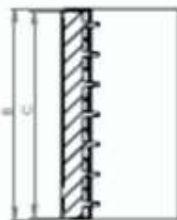
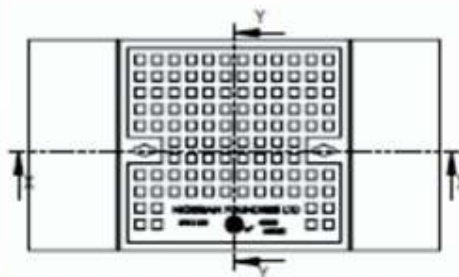
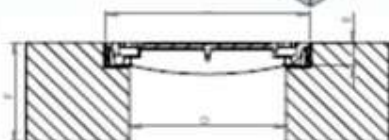
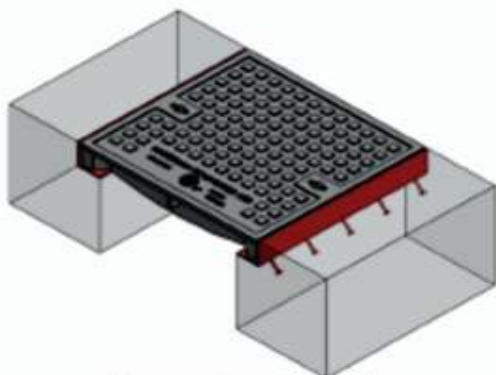
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FLOOR DUCT COVERS



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

Suitable for drainage where external water inflow is not desirable.

For use at effluence areas of factories, workshops and areas that are subject to heavy wheel loads.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Labeling/ Inscription

Specifications:

PRODUCT CODE	(A)mm	(B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
MAN063	760	600	622	69	75 X 75
CHA124	590	563	452	69	75 X 75

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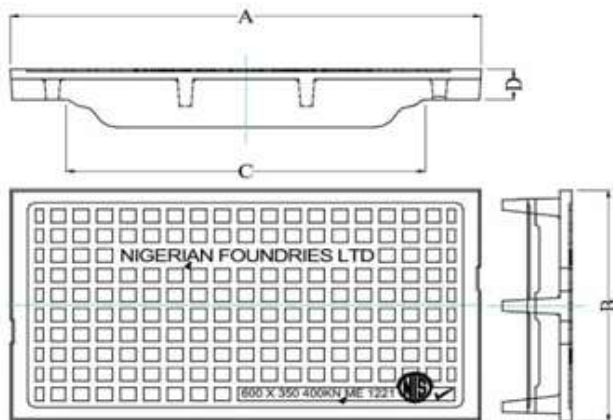




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FLOOR DUCT COVERS



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

Suitable for drainage where external water inflow is not desirable.

For use effluence areas of factories, workshops and areas that are subject to heavy wheel loads.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Labeling/ Inscription

Specifications:

PRODUCT CODE	(A)mm	(B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
MAN010	350	600	260	45	75 X 75
CHA116	400	600	310	45	50 X 50

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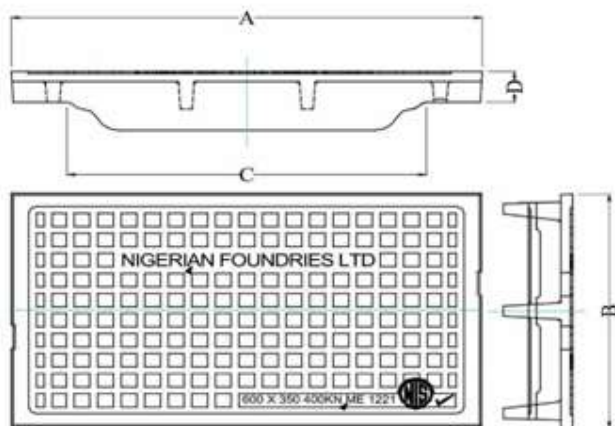
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FLOOR DUCT COVERS



4

D400

400KN

Application Group BS EN 124 Class Test Load

Features & Benefits:

Made from Grey Cast iron as per International Standard BS EN 124:2015

Suitable for drainage where external water inflow is not desirable.

For use at effluence areas of factories, workshops and areas that are subject to heavy wheel loads.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Labeling/ Inscription

Specifications:

PRODUCT CODE	LENGTH (A)mm	WIDTH (B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
CHA125	1165	650	1000	69	75 X75
CHA064	563	350	443	45	50 X 50
MAN044	763	400	625	69	75 X 75

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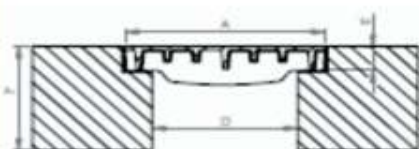
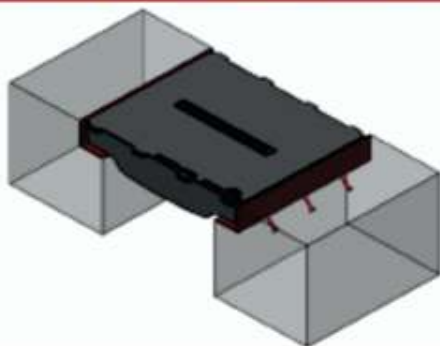




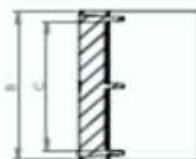
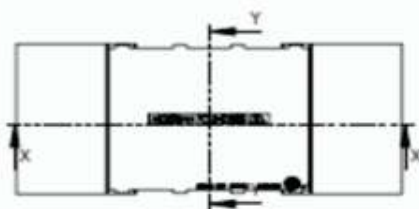
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SECTION X-X
SCALE 1 : 10



No. MD-1229 & 1221



ISO9001:2008 CERTIFIED

FLOOR DUCT MIRROR TOP



Application

6

Group

E600

BS EN 124 Class

600KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

For use in areas of fast moving, very heavy traffic such as docks and aircraft pavement.

Easy to Lift, and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Security Locking System

Labeling/ Inscription

Specifications:

PRODUCT CODE	LENGTH (A)mm	WIDTH (B)mm	CLEAR OPENING (C)mm	HEIGHT OF GRATE (D)mm	ANGLE IRON SIZE
CHA122	500	425	362	69	75 X 75



Contact Details:

Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
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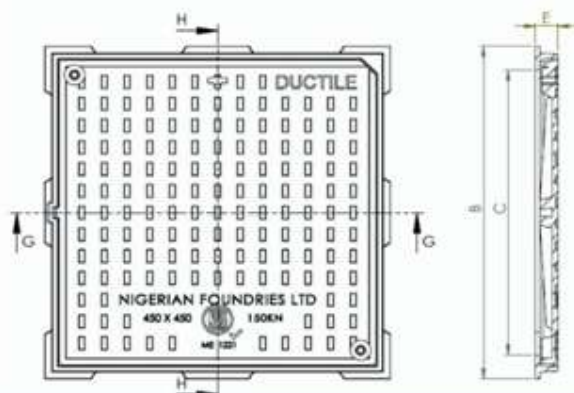
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LOCKABLE LIGHT DUTY MANHOLE COVER AND FRAME



Application

1

Group

A15

BS EN 124 Class

150KN

Test Load

Features & Benefits:

Made from Ductile Cast iron as per International Standard ASTM A536-84(2014)

Suitable for drainage where external water inflow is not desirable.

For use at effluence areas of factories, workshops and areas that are subject to heavy wheel loads.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Specifications:

PRODUCT CODE	OVER BASE (A X B)mm	CLEAR OPENING (C X D)mm	HEIGHT(E)mm
MAN111	655 X 654	600 X 600	41
MAN014	534 X 534	450 X 450	35
MAN109	600 X 584	600 X 450	45

Options:

Labeling/ Inscription



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Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
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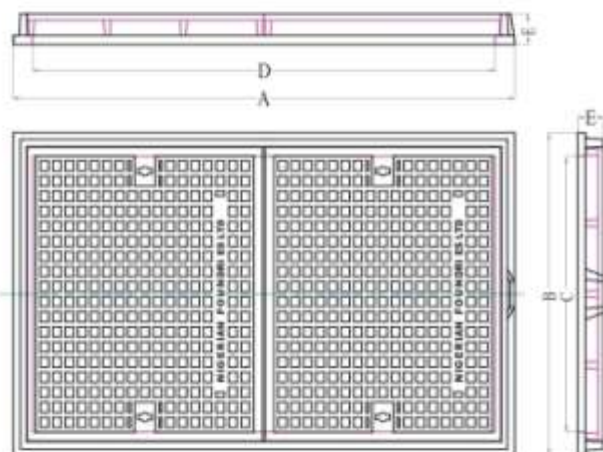
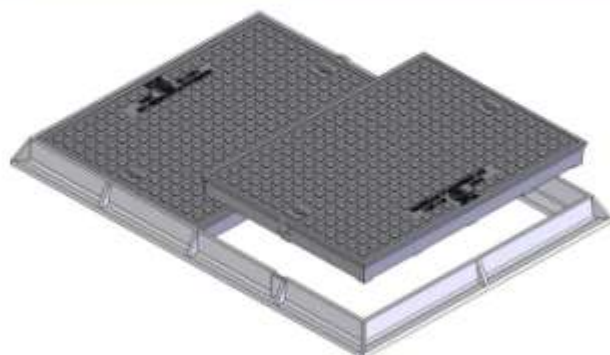


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DOUBLE COVER RECTANGULAR MANHOLE COVER AND FRAME



Application

1

Group

A15

BS EN 124 Class

150KN

Test Load

Features & Benefits:

Made from Grey Cast iron as per International Standard BS EN 124:2015

Suitable for use in footways and areas which can only be accessed by pedestrians and cyclists.

Single Seal, Easy to Lift, and Painted.

Double Rectangular Covers

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Security Locking System

Labeling/ Inscription

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm ²	OVER BASE (A X B)mm ²	HEIGHT (E) mm
JOI000	1660 x 890	1530 X 750	85



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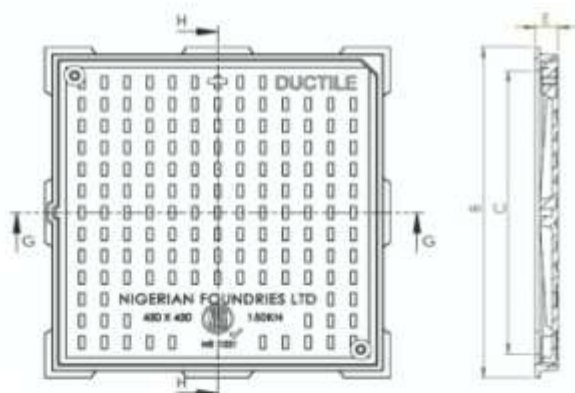
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LOCKABLE MEDIUM DUTY MANHOLE COVER AND FRAME



Application

2

Group

C250

BS EN 124 Class

250KN

Test Load

Features::

Made from Ductile iron as per International Standard ASTM A536-84(2014)

Recommended for use in city slow moving traffic (e.g footways, pedestrian areas and comparable areas, car parks and car parking deck)

Single Seal, Easy to Lift and Painted.

Specifications:

PRODUCT CODE	OVER BASE (A X B)mm	CLEAR OPENING (C X D)mm	HEIGHT(E)mm
MAN005	655 X 654	600 X 600	41
MAN007	534 X 534	450 X 450	35

Options:

Labeling/ Inscription

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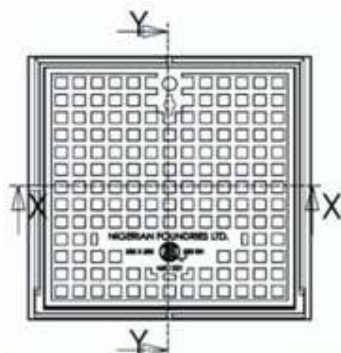
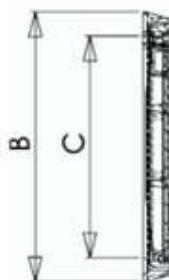
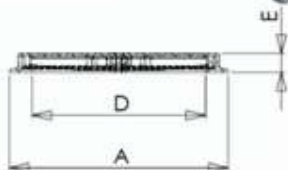
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LOCKABLE MEDIUM DUTY MANHOLE COVERS AND FRAME



Application

2

Group

C250

BS EN 124 Class

250KN

Test Load

Features & Benefits

Made from Ductile iron as per International Standard ASTM A536-84(2014)

Recommended for use in city slow moving traffic (e.g footways, pedestrian areas and comparable areas, car parks and car parking deck)

Single Seal, Easy to Lift and Painted.

Comes with hinges and lock for security.

Options:

Security Bolting Available

Labeling/ Inscription

Specifications:

PRODUCT CODE	OVER BASE (A X B)mm	CLEAR OPENING (C X D)mm	HEIGHT(E)mm
DMA004	654X 677	535 X 535	58

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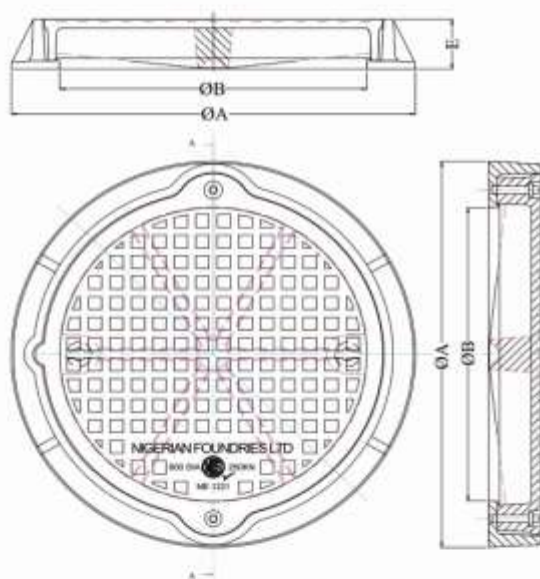
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LOCKABLE/NON LOCKABLE MEDIUM DUTY CIRCULAR MANHOLE COVER AND FRAME WITH LOCKS



Application

2

Group

C250

BS EN 124 Class

250KN

Test Load

Features::

Made from Grey Cast iron as per International Standard EN 124:2015.

Recommended for use in areas of slow moving traffic.

Single Seal, Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Security Locking System

Labeling/ Inscription

Specifications:

PRODUCT CODE	CLEAR OPENING (ØB)mm	OVER BASE (ØA)mm	HEIGHT (C) mm	OPTIONS
MAN025	500	630	105	

Contact Details:

Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
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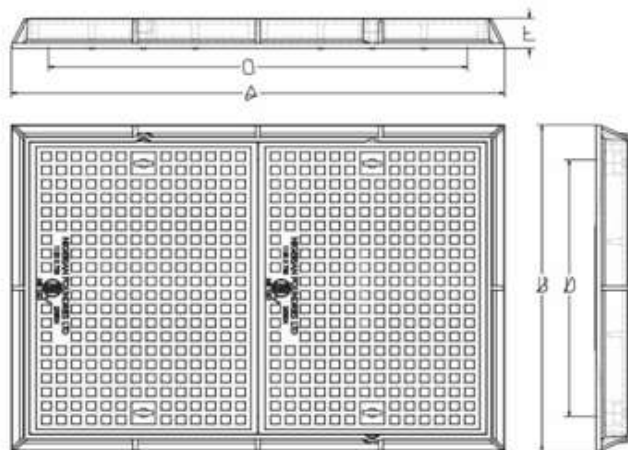
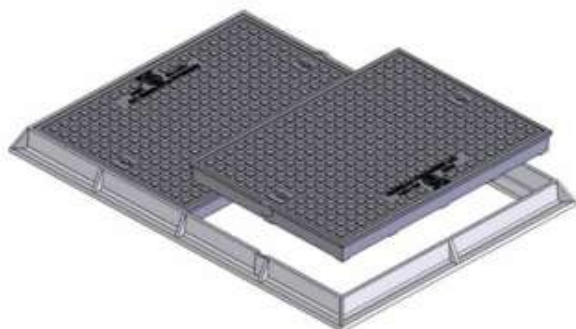
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MEDIUM DUTY DOUBLE COVER MANHOLE COVER AND FRAME



Application

2

Group

C250

BS EN 124 Class

250KN

Test Load

Features & Benefits:

Made from Grey Cast iron as per International Standard BS EN 124:2015

Suitable for use in car parks and areas of slow moving access to cars and light commercial Vehicles.

Single Seal, Easy to Lift, Coated with Black Bituminous Paint.

All Products are proudly made in Nigeria with

Options:

Security Locking System

Labeling/ Inscription Available on Request

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm	OVER BASE (A X B)mm	HEIGHT(E)mm
MAN142	1150 X 750	1354 X 954	88
MAN062	1000 X 800	1220 X 1020	95

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Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
Email: info@nigerianfoundries.com, nigerianfoundries@yahoo.com
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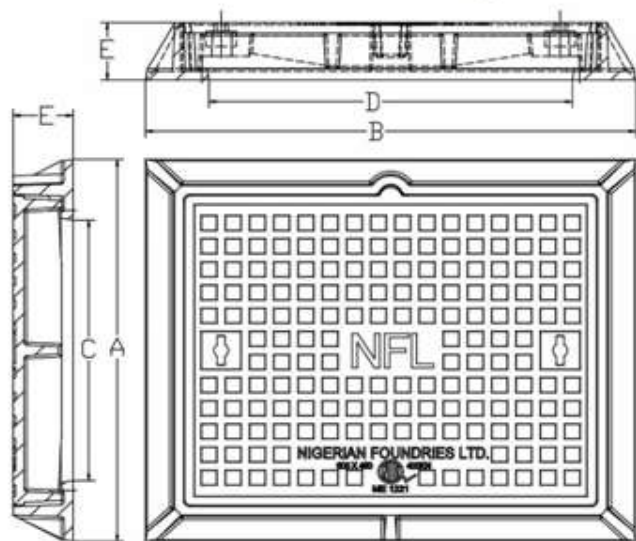
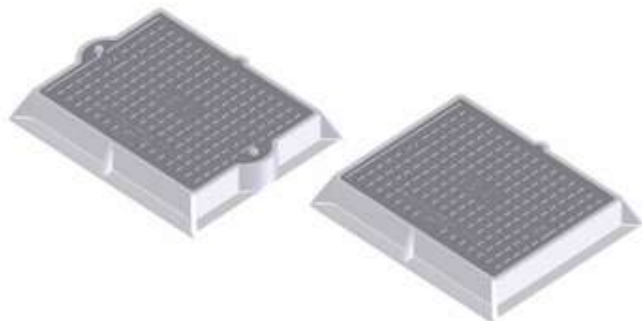
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HEAVY DUTY RECTANGULAR MANHOLE COVER AND FRAME



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Grey Cast iron as per International Standard BS EN 124:2015

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Single Seal, Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Bolting Available

Labeling/ Inscription

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm ²	OVER BASE (A X B)mm ²	HEIGHT (E) mm
MAN015	365 X 215	470 X 335	90
MAN107	600 X 450	810 X 680	100



Contact Details:

Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
Email: info@nigerianfoundries.com, nigerianfoundries@yahoo.com
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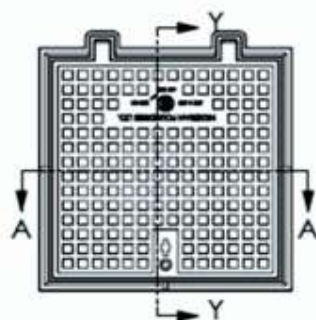
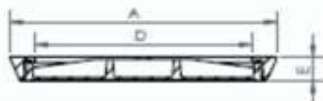
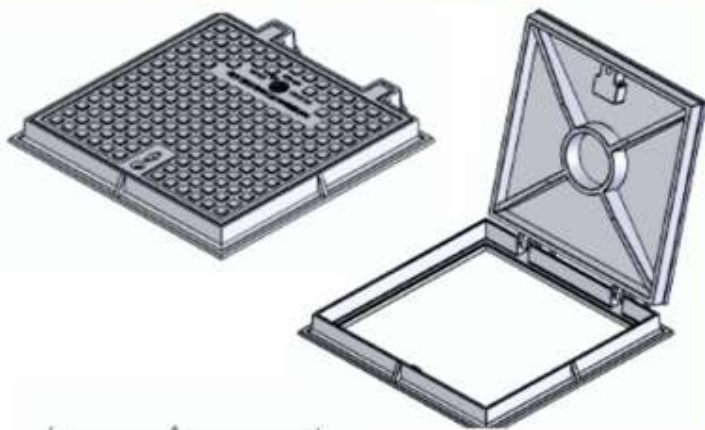
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**LOCKABLE DUCTILE IRON HEAVY
DUTY SQUARE MANHOLE COVERS
AND FRAME WITH HINGES**



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

Recommended for use in city roads carrying continuous heavy traffic where frequent access to underground asset is required.

With captive hinges for ease of opening and lock for security.

Single Seal, Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Labeling/ Inscription

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm ²	OVER BASE (A X B)mm ²	HEIGHT (E) mm
MAN001	600 X 600	790 X 740	75
MAN003	450 X 450	594 X 594	75

Contact Details:

Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
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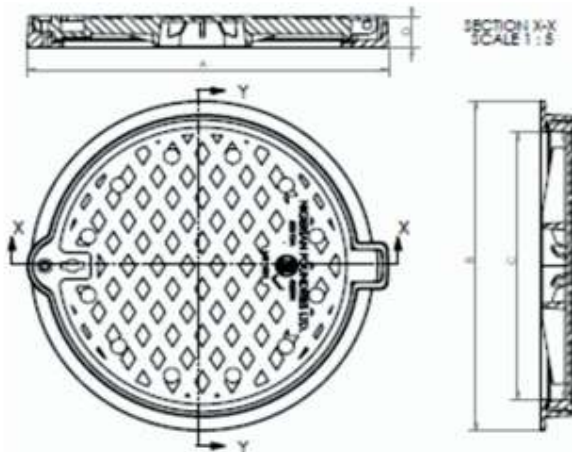
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**LOCKABLE DUCTILE IRON CIRCULAR
MANHOLE COVER AND FRAME WITH
VENT, HINGE AND LOCKS**



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

Recommended for use in city roads carrying continuous heavy traffic where frequent access to underground asset is required.

With captive hinges for ease of opening and lock for security.

All Products are proudly made in Nigeria with 100% Local Content.

Specifications:

PRODUCT CODE	CLEAR OPENING (ØC)mm	OVER BASE (ØB)mm	Length A mm	HEIGHT (D)
MAN064	600	740 X 778	790	70

Options:

Labeling/ Inscription

Contact Details:
Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
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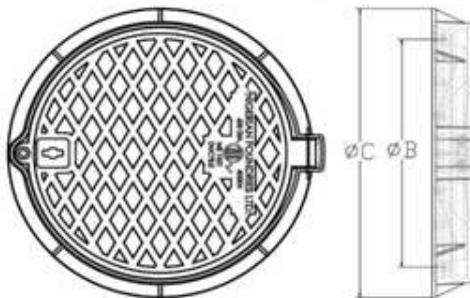
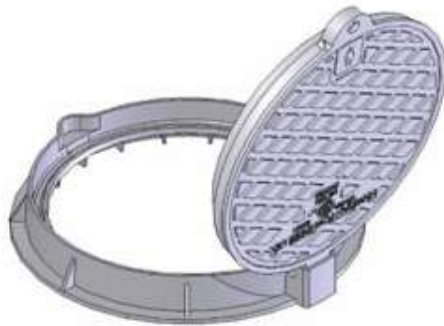
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LOCKABLE DUCTILE IRON CIRCULAR MANHOLE COVER AND FRAME WITH HINGE



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

Recommended for use in city roads carrying continuous heavy traffic where frequent access to underground asset is required.

With captive hinges for ease of opening and lock for security.

Rubber lining to reduce inflow of surface water

Single Seal, Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Labeling/ Inscription

Specifications:

PRODUCT CODE	CLEAR OPENING (ØC)mm	OVER BASE (ØA & B)mm	HEIGHT (D)
DMA003	600	740 X 781	61
DMA002	700	856 X 905	90

Contact Details:

Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
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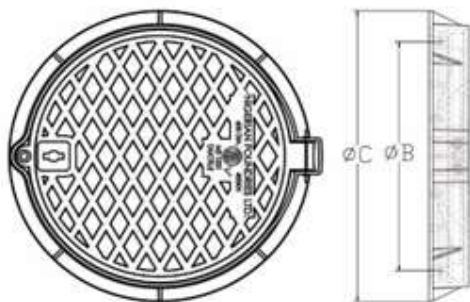
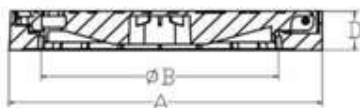
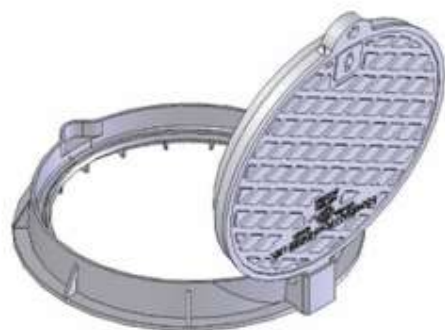
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LOCKABLE DUCTILE IRON CIRCULAR MANHOLE COVER AND FRAME WITH HINGE SYSTEM



Application

2

Group

C250

BS EN 124 Class

250KN

Test Load

Features & Benefit:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

Recommended for use in city roads carrying continuous heavy traffic where frequent access to underground asset is required.

With captive hinges for ease of opening and lock for security.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Labeling/ Inscription

Specifications:

PRODUCT CODE	CLEAR OPENING (ØC)mm	OVER BASE (ØA7B)mm	HEIGHT (D)
DMA013	600	654 X 743	60

Contact Details:

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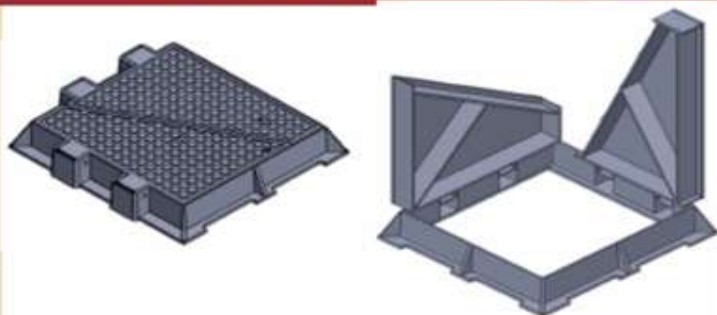
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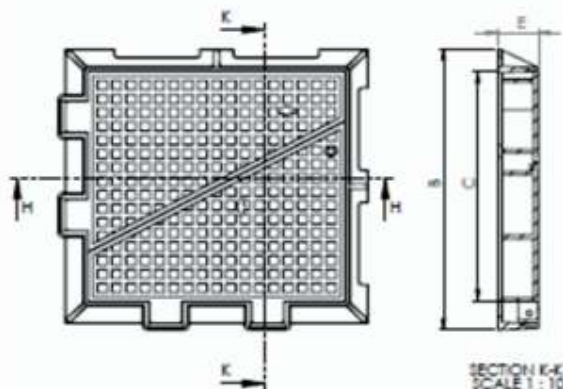
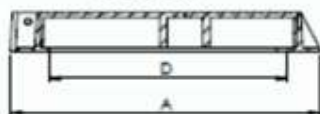
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SECTION H-H
SCALE 1:10



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LOCKABLE DUCTILE IRON HEAVY DUTY ACCESS COVERS AND FRAME WITH HINGES



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

Recommended for use in city roads carrying continuous heavy traffic where frequent access to underground asset is required.

Cover sections are individually hinged to reduce lifting effort.

Single Seal, Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Special bolting system for additional security.

Labelling/ Inscription available on request.

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm ²	OVER BASE (A X B)mm ²	HEIGHT (E) mm
MAN179	700 X 700	859 X 911	120

Contact Details:

Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
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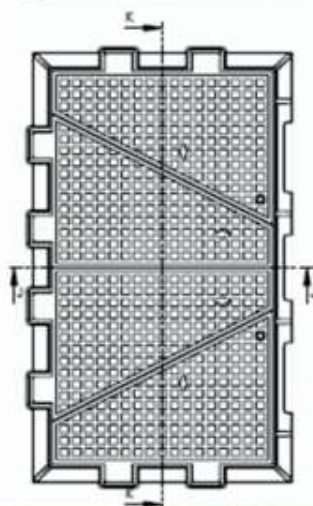
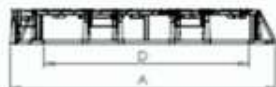
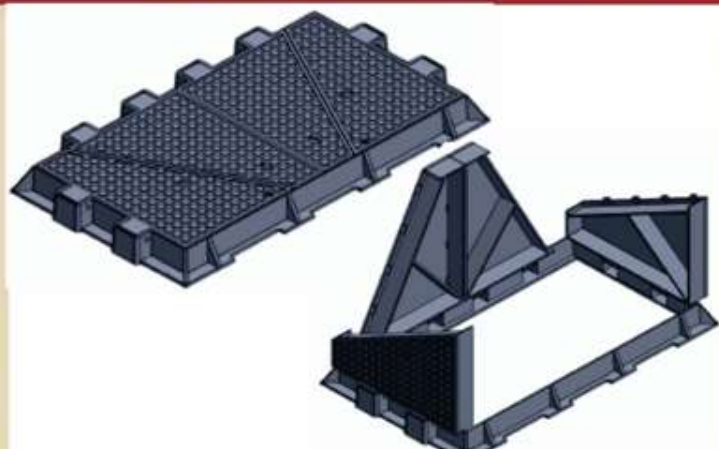
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LOCKABLE DUCTILE IRON HEAVY DUTY ACCESS COVERS AND FRAME WITH HINGES



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile iron as per International Standard ASTM A536-84(2014)

over section are individually hinged to reduce lifting effort.

Recommended for use in city roads carrying continuous heavy traffic where frequent access to underground asset is required.

Single Seal, Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Special bolting system for additional security.

Labelling/ Inscription available on request.

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm ²	OVER BASE (A X B)mm ²	HEIGHT (E) mm
MAN178	1400 X 700	1548 X 911	120

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Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17
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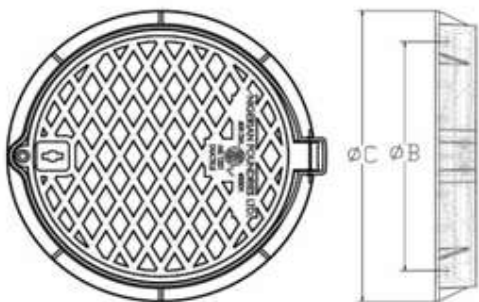
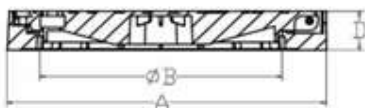
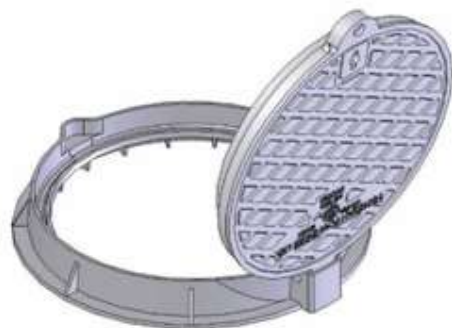
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LOCKABLE DUCTILE IRON CIRCULAR MANHOLE COVER AND FRAME WITH HINGE



Application

5

Group

E600

BS EN 124 Class

600KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

Recommended for use in area of fast moving heavy traffic such as docks and aircraft pavements .

Single Seal, Easy to Lift and Painted.

Comes with Hinges for ease of opening and Locks for security of covers.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Labeling/ Inscription available on request.

Specifications:

PRODUCT CODE	CLEAR OPENING (ØC)mm	OVER BASE (ØB)mm	Length A mm	HEIGHT (D)
DMA001	600	750	778	105



Contact Details:

Telephone: +234(0) 8070890841-8, +234(0) 8034026015-17

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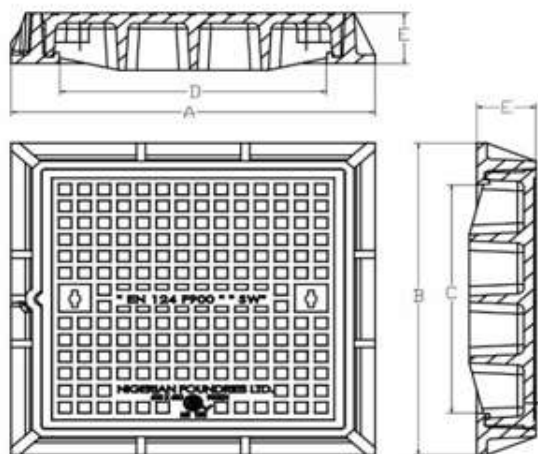
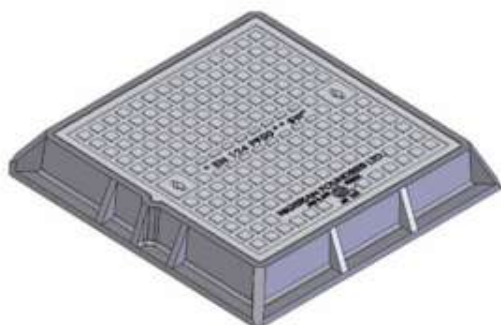
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HEAVY DUTY SQUARE MANHOLE COVER AND FRAME FOR PORTS



Application

6

Group

F900

BS EN 124 Class

900KN

Test Load

Features & Benefits:

Made from Grey Cast iron as per International Standard BS EN 124:2014

For use in areas of fast moving, very heavy traffic such as docks and aircraft pavement, container, port & docksides.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Security Bolting Available

Labeling/ Inscription Available on Request

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D)mm ²	OVER BASE (A X B)mm ²	HEIGHT (E) mm
MAN129	600 X 600	820 X 820	133

Head Office & Sales:

1 Adeyemi Bero Crescent, Ilupeju Industrial Estate
Anthony Oshodi Expressway, Lagos, Nigeria
www.nigerianfoundries.com
www.businessgroup-africa.com

Contact Details:

+234(0) 8070890841-8
+234(0) 8034026014-15-17
info@nigerianfoundries.com
nigerianfoundries@yahoo.com





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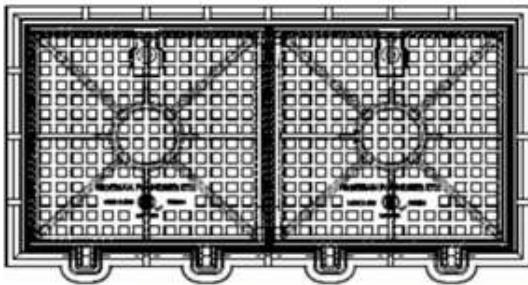
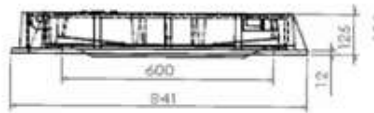
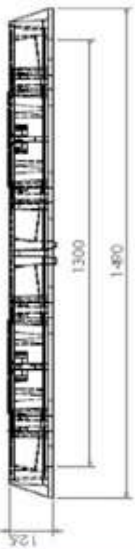
MASTER SERIES

Municipal Castings

Ductile Iron

We Cast To Last

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ISO9001:2008 CERTIFIED

LOCKABLE DUCTILE IRON COVER AND FRAME WITH HINGE



Application

6

Group

F900

BS EN 124 Class

900KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

For use in areas of fast moving, very heavy traffic such as docks and aircraft pavement.

Single Seal, Easy to Lift and Painted.

Double rectangular covers.

Comes with Hinges and locks for security.

All Products are proudly made in Nigeria with 100% Local Content.

Specifications:

PRODUCT CODE	CLEAR OPENING (C X D) mm ²	OVER BASE (A X B) mm ²	HEIGHT(E) mm
MAN130	1300X600	1488X840	125

Options:

Security Bolting Available

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Website: www.nigerianfoundries.com



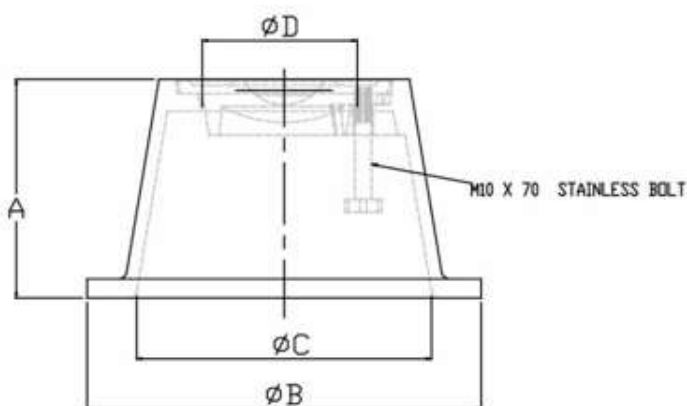


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LIFT OUT ROUND TOP VALVE BOX



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefit:

Made from Grey Cast iron as per International Standard BS EN 124:2014

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Single Seal, Easy to Lift ,Bolted and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Options:

Security Locking System

Labeling/ Inscription

Specifications:

PRODUCT CODE	HEIGHT (A) mm	OVER BASE (B)mm	OPENING (C)mm	CLEAR OPENING (D)mm
MAN132	137	236	177	100



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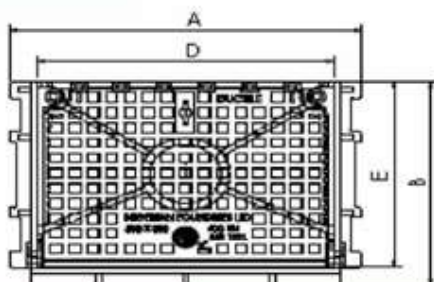
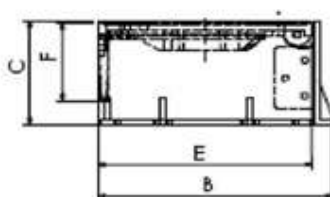
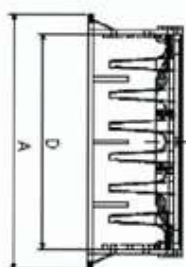
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LOCKABLE KERB GULLY INLET WITH HINGE



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

For use in carriageway of roads, (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles.

Recommended for use in pavement areas adjacent to highways.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Specifications:

PRODUCT CODE	LENGTH (A)mm	WIDTH (B)mm	WIDTH(C)mm	CLEAR OPENING (D & E)mm	WIDTH (F)mm
KER 001	594	418	200	500X380	150

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Website: www.nigerianfoundries.com





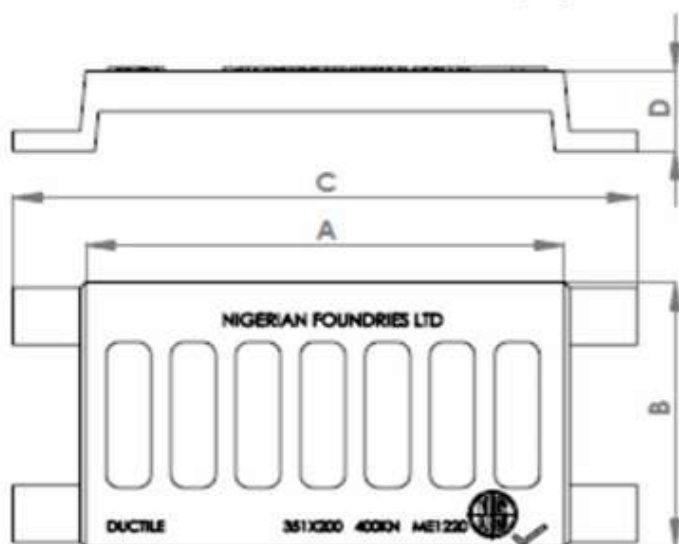
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LOCKABLE KERB GULLY INLET WITH HINGE



Application

4

Group

D400

BS EN 124 Class

400KN

Test Load

Features & Benefits:

Made from Ductile Iron as per International Standard ASTM A536-84(2014)

Recommended for use in pavement areas adjacent to highways.

Efficient grates for large water clearing capacity.

Suitable for kerb sides.

Easy to Lift and Painted.

All Products are proudly made in Nigeria with 100% Local Content.

Specifications:

PRODUCT CODE	(A)mm	(B)mm	(C)mm	(D)mm
KER 003	351	200	458	60

Head Office & Sales:

1 Adeyemi Bero Crescent, Ilupeju Industrial Estate
Anthony Oshodi Expressway, Lagos, Nigeria
www.nigerianfoundries.com
www.businessgroup-africa.com

Contact Details:

+234(0) 8070890841-8
+234(0) 8034026014-15-17
info@nigerianfoundries.com
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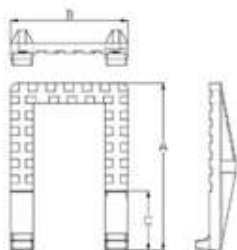


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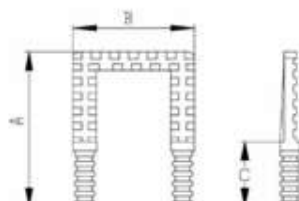
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MANHOLE STEP IRON



Type 1



Type 2



No. ME-1220 & 1221



ISO9001:2008 CERTIFIED

LIFTING KEYS



Specifications:

PRODUCT CODE	LENGTH (A)mm	LENGTH (B)mm	LENGTH (C)mm
MAN009	250	155	90
MAN138	250	155	105

Specifications:

PRODUCT CODE	USE
MAN157	For Lifting Light Duty Covers
MAN011	For Lifting Medium and Heavy Duty covers



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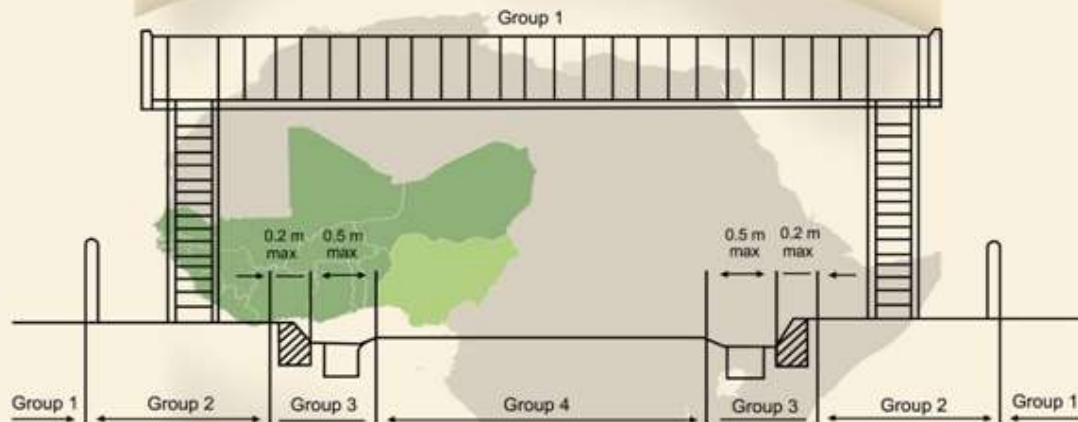
ALL APPLICATIONS

NFL highway products are available to suit most applications - from light duty domestic covers to heavy duty high performance castings suited to the most demanding road conditions.

Manhole covers and gully gratings meet the requirements of the new European Standards BS EN 124:2015 which applies to all situations, road and off-road and all materials. Products designed to BS EN 124:2015 are grouped and classified depending on their place of installation. It is the responsibility of the engineer to ensure that the right products are specified.

BS EN 124:2015

Gully tops and manhole tops for vehicular and pedestrian areas - design requirements, type testing, marking, quality control.



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PRODUCT SELECTOR

NFL MAN HOLE COVERS AND CHANNEL GRATINGS ARE MANUFACTURED AS PER BS EN 124:2015

Manhole Covers and gully grates are produced in accordance with the guidelines laid out in BS EN 124:2015. The standard provides a general guide to product suitability and sets out test load parameters for the various classes of products in terms of load tests. It provides little specific information on dynamic loads imposed by the wide variety of traffic conditions found in modern road system.



ISO9001: 2008 CERTIFIED

STANDARD CLASSIFICATIONS

Group 1

EN 124, CLASS A15



- Areas which can only be accessed by pedestrian and pedal cyclists.
- 1.5 tonne test load.

Application

Group 2

EN 124, CLASS B125



- Footways, pedestrian areas and comparable areas, car parks or car parking decks.
- 12.5 tonne test load.

Application

Group 3

EN 124, CLASS C250



- Gully tops installed in the area of Kerb sides channels of roads which when measured from the kerb extent a maximum of 0.5 meters into the carriage way and a maximum of 0.2 meters into the pavement. pedestrian and pedal cyclists.
- 25 tonne test load.

Application

Group 4

EN 124, CLASS D400



- For use in carriageways of roads (including pedestrian street), hard shoulders and parking areas for all types of road vehicles.
- 40 tonne test load.

Application

Group 5

EN 124, CLASS E600



- Can be used for areas of fast moving and specially very heavy traffic such as docks aircraft pavement.
- 60 tonne test load.

Application

Group 6

BS EN 124, CLASS F900



- Suitable for use at areas particularly having high wheel loads like air craft pavement.
- 90 tonne test load.

Application

we reserve the right to change any of our design at any time.

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