

GRATES

COVERS

FRAMES



ADAK METCAST

ENGINEERS PRIVATE LIMITED

Manufacturer & Exporter of

Ductile Iron Castings and Grey Cast Iron Products



Global Presence in

Germany

Czech Republic

Italy

Greece

Malta

Qatar

United Arab Emirates

Oman

An ISO 9001 : 2015 and ISO 14001 : 2015 Company

Certified Kitemark (BSI-UK) : KM 722575

Certified EN 124 : 1994 by SGS United Kingdom Limited

Certified Class A Foundry (RITES)

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We are manufacturers of quality Grey cast iron and Ductile iron products as per customer specifications. We have the infrastructure and workforce to handle turnkey projects within specified time schedule, having a production capacity of 20,000+ Metric Tonnes per annum.

We are a ISO 9001:2015 and ISO 14001:2015 certified company. We are holding the Kite Mark Certificate authorized by BSI, UK. We are also certified by RITES as Class A foundry in compliance with IS 12117:1996 last year (2024).

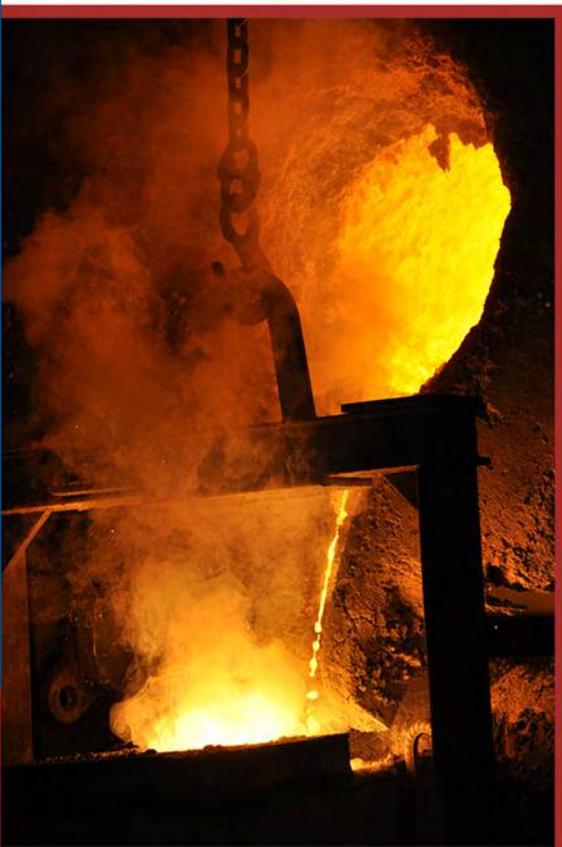
Our company belongs to the Adak Group of companies. Our flagship

venture for the last 20 years is Jutex Industries Private Limited, which is in the business of manufacturing precision jute processing machinery, jute yarn and jute products that are supplied to Jute industries around the globe. We call upon the valuable experience that we acquired from more than 30 years of service in the Jute Industry.

We are in the business of design, manufacture, quality control and supply of Sanitary castings, Automobile castings, Pumps and Valves, Tractor

Weights, Counter Weights, Agricultural casting, Railway products, Jute Processing machinery, Pipe fittings and different kinds of Valve bodies in both Grey cast iron and Ductile iron in terms of various grades of Grey and S. G. Iron castings, conforming to the international standards, quality and grade to cater to both Indian and International customers.

Adak Metcast Engineers Private Limited manufactures the best quality industry standard as well as custom made Grey and Ductile iron products. The three most



important factors that the company deeply believes in are Honesty, Perfection and Perseverance. These are the pillars on which the company has stood and made astronomical achievements. Hence our motto is “complete customer satisfaction”.



OUR VISION

- To be a leading engineering and manufacturing company, totally dedicated to timely completion of projects while ensuring best of quality and total customer satisfaction.
- To become a complete solution provider in the related Industrial segments.
- To be able to always demonstrate operational excellence and continuous improvement with an aim to achieve strong customer relationship and add value to all the stakeholders.

OUR MISSION

- To be committed as a team to excellence in Design & Engineering, Manufacturing and Project Implementation.
- To be a customer focused equipment supplier and service company, providing competitive and environmental friendly technologies to the allied industries.



OUR VALUES

- Customer satisfaction is the benchmark for success. We delight our customers with a wide range of products and services that are personalised, fast, reliable, convenient, quality driven, and yet cost-effective.
- Business integrity is a way of life for us. We strongly stand by integrity in all our dealings and ensure strict adherence to the highest standards of business ethics.
- We believe that people are our most valuable assets, and we reward excellence and initiative. We provide our people with the best possible work environment and treat them like family members.

INFRASTRUCTURE

The infrastructure at Adak Metcast Engineers Private Limited plays an important role in enabling us to meet the exact requirements of our clients, and standards of the industry. We are also supported by a team of highly experienced professionals. These help us to maintain the stringent quality norms and customer satisfaction. All our equipments and machinery are incorporated with the latest technologies that enable us to maintain our competitive edge in the fast changing market.

We believe in updating our clients on various developments of our range of products and their applications. We organize seminars and workshops to update our workforce on various subjects at frequent intervals. For the benefit of our customers, training programs on



best installation techniques and maintenance practices are also organised.

A quick look at our Infrastructure

- Melting capacity of over 20,000+ MTPA.
- 1 no. 1 ton double track Electrotherm furnace; 2 nos. 500 kg Inductotherm make induction melting furnace.
- Material: Grey/Ductile iron (EN-GJL-200 / EN-GJL-250 & GG-30 for Grey Iron and EN-GJL-500/7, ISO:1083, 450/10 & 400/15 for Ductile iron).
- DISA make arpa-900 moulding machine.
- DISA make arpa-450 moulding machine.
- DISA make arpa-300 moulding machine.
- No bake moulding line one 12 tons/hr continuous sand mixture for core making.
- DISA make automatic sand plant with Mixture Machine (500 kg per 90 seconds capacity), Mechanised Sand Plants with Separate Sand for Machine and Hand Moulding. All systems are panel controlled.
- Fully automated reclamation sand plant system.
- Integrated cooling conveyors, Shakeouts and Shot Blasting facilities.
- 3 nos. Shot Blasting machines, make DISA, with Dust Extraction System.
- 2D model using Auto Cad, 3D model using high-end software Creo for design and optimization.



- Multiple CNC and 4 Axis VMC Machines for developing new patterns.
- Complete machine solutions.
- Integrated Paintshop for spray painting.
- Black Bitumen, Water Based, Epoxy and Primer Painting facility also available.
- Fully equiped chemical, physical, metallurgical, paint and sand labs.
- In-house testing of product qualities.

A quick look at our facilities

- DISA make Automatic Sand Preparation Plant.
- DISA make Mould Making and Mould Handling Plant.
- No bake molding line.
- CO2 Mold and Core Preparation.
- Mettling.
- Fettling.
- Finishing.
- Finished Stockyard.
- Computerized material analysis.
- Container Stuffing Point.

QUALITY CONTROL

We have been able to build up a reputation in the market because of our commitment to quality. We follow stringent norms of quality control to ensure that only the best products are delivered to our clients as per their requirements.



Our testing facility is equipped with the latest testing tools and gadgets, which are manned by a team of highly experienced professionals who are always striving for perfection. We at Adak Metcast, consider the customer satisfaction as a reward for our efforts.

Physical Testing Equipment

At our testing facility, we use the most modern equipment and employ a team of highly qualified technicians to carry out thorough tests. Our lab accommodates a range of state-of-the-art tools and apparatus, of which the most important ones are as follows:

- One optical emission Spectrometers (ARL make) having 25 channels.
- Microscope with Image Analyzer (make Leica) for Direct Data of Metal, Flake Graphite size, Nodule size, Nodule Count, Nodularity, Pearlite and Ferrite percentage, etc. The Microscope can achieve a normal Magnification of 1000 times and a Digital Magnification of up to 4000 times.
- 1 no. Optical Brinnel Hardness Testing Machine.
- Electronic Universal Tensile Testing Machine (60 MT & 150 MT capacity)
- Surface Grinding machine for spectro sample preparation (STG-6 make).
- Cutter machine for Micro sample preparation (Metacut make).
- Double disc micro polishing machine (Metapol make).
- Grinding machine.



Wet Laboratory Equipment

- Strohlein apparatus for carbon determination.
- Digital hot air oven with max temperature of 250°C.
- ChainOMatic Chemical Balance.
- Hydro meter.
- 1 no. Hot Plate arranged in fume chamber for wet analysis.
- Digital Balance.
- 1 no. Muffle furnace with temp. ranging from 50°C to 1400°C.
- Digital ph meter with auto temperature compensation.
- Digital Single Pan Balance.
- Digital Dry and Wet Bulb Hydrometer.
- Distillation Apparatus.
- Analytical Balance.

Sand Testing Equipment

- Sand Rammer with Base Block. Compatibility and strength.
- Permeability Meter.
- 1 no. Digital Universal Strength Testing Machine.
- Digital Moisture Tester.
- Rapid Moisture Tester.
- Sieve shaker with set of sieves.
- Compatibility Tester same as Ramer.
- Mould Hardness Tester (Scale B and Scale C).
- Core Hardness Tester.
- Sand Muller (Capacity – 5 kgs).
- Test bar storage up to 1 year from manufacturing date to enable traceability of castings to the particular date of casting and heat code.



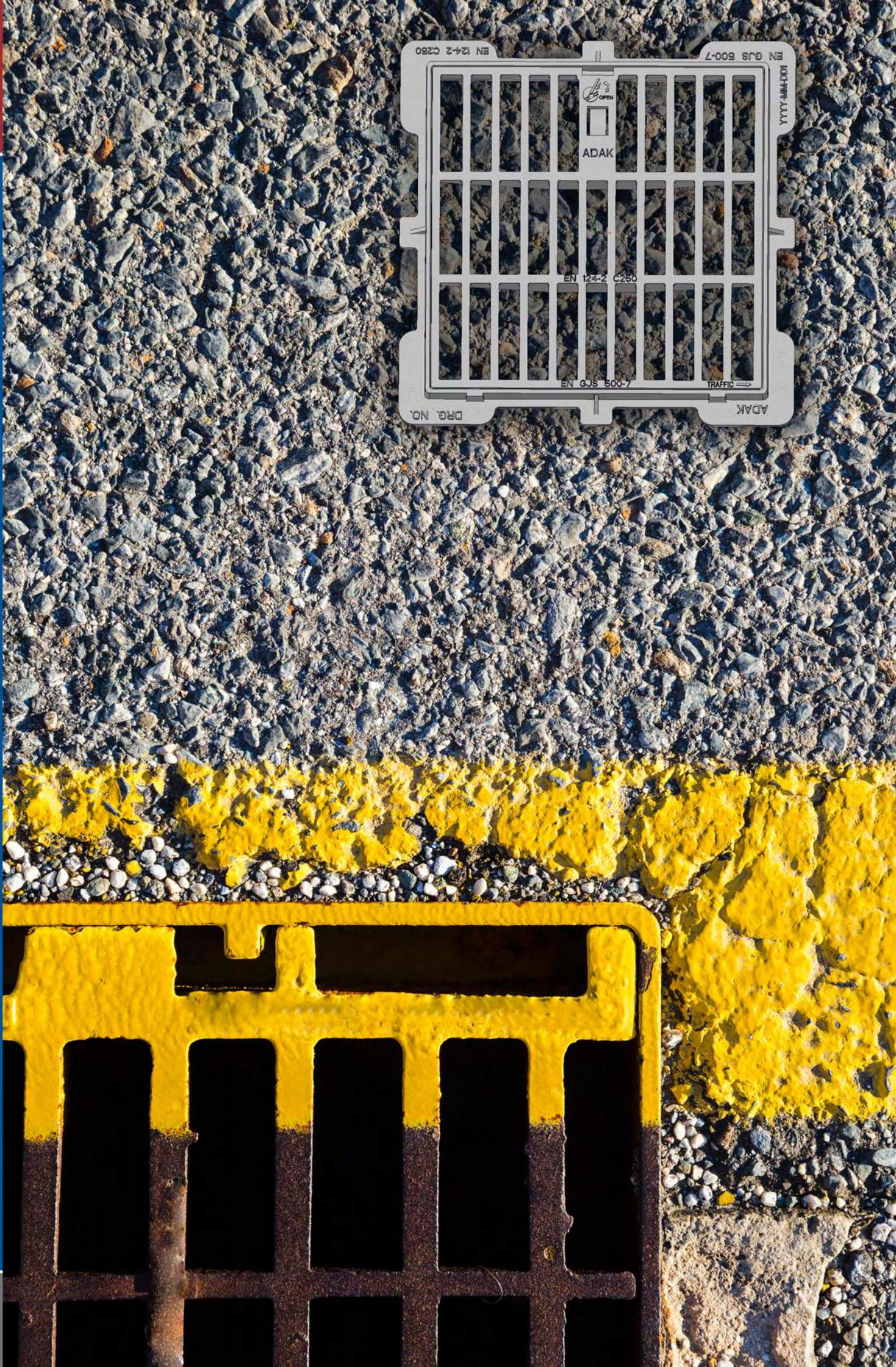


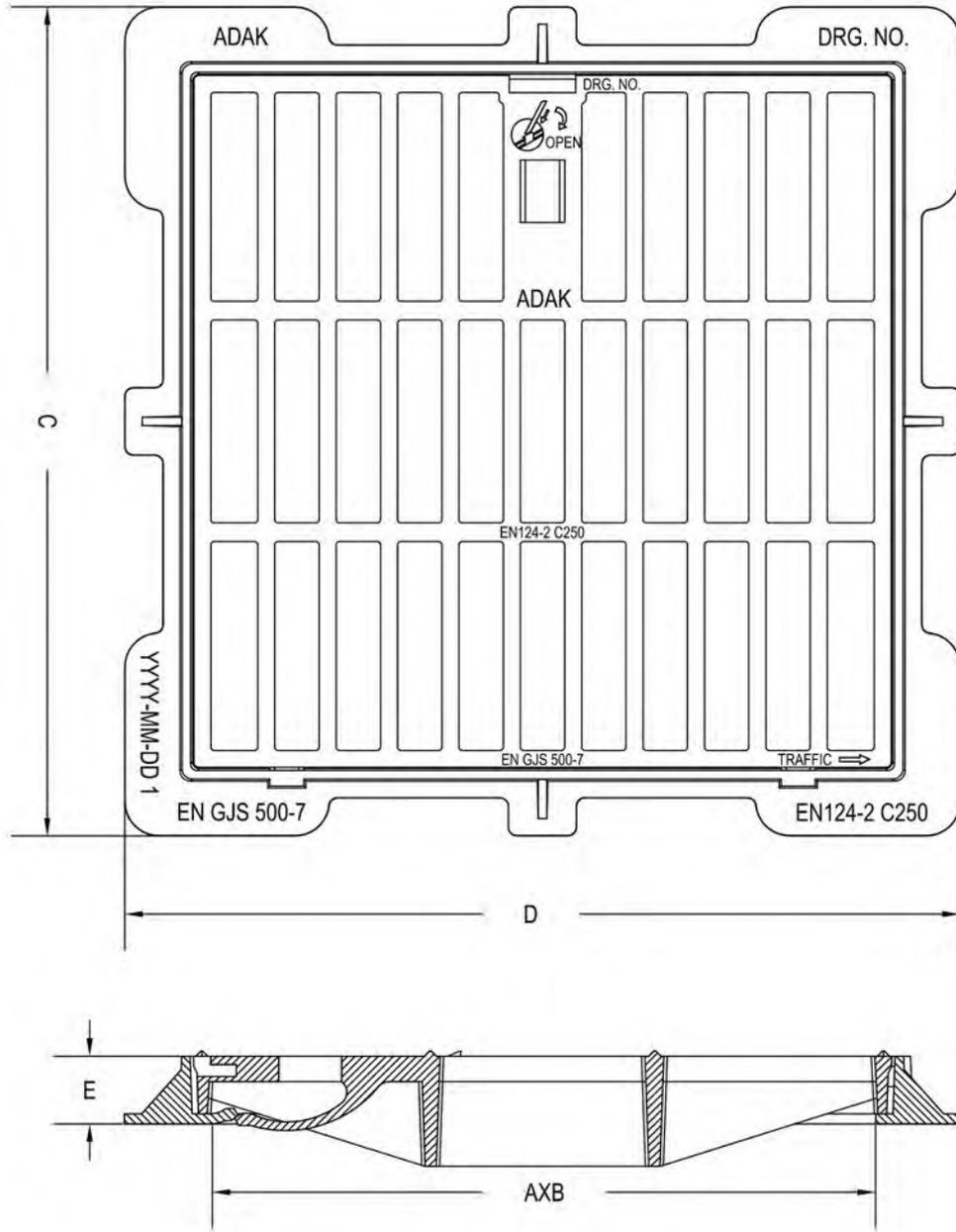
OUR PRODUCTS

Adak Metcast specialises in the production of custom castings in both Grey iron and Ductile iron. We are able to produce castings to suit all of our clients' specific requirements. The outstanding flexibility of our sand casting process, combined with our unique know-how, allows us to deliver the most diverse and unusual castings.

Our team consists of highly skilled professionals who are well versed with every aspect of the production process. Our infrastructure and stringent quality control facility ensure the best quality of castings. The continuous efforts of these experts have rewarded us with customer satisfaction and success.

In the following pages we highlight some Frames, Covers and Grates we design and manufacture.



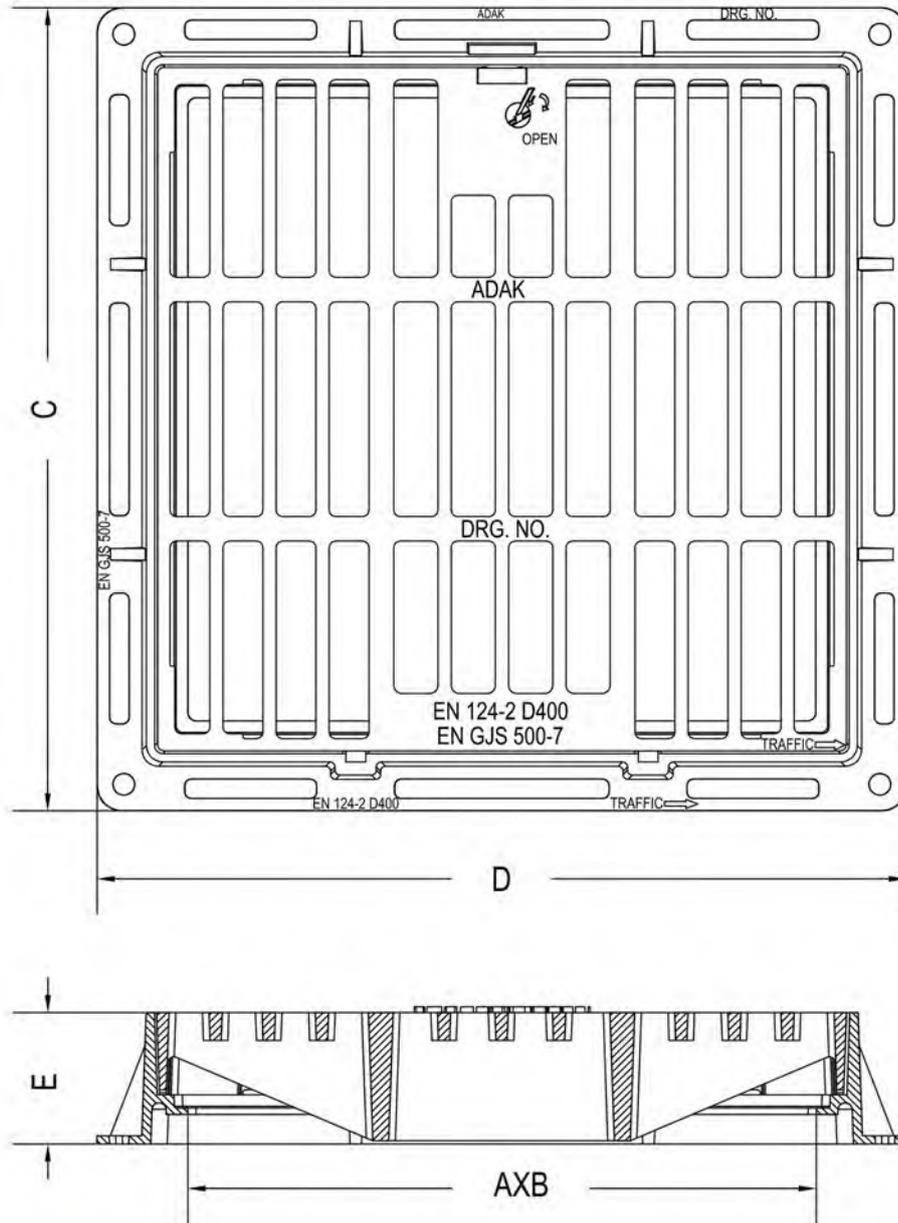


Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	200 X 200	280 X 280	40	C250	Manufactures as per EN-124-2. Large open area for water drainage.
2	390 X 390	490 X 490	40	C250	Manufactures as per EN-124-2. Large open area for water drainage.

(Without block system option.)

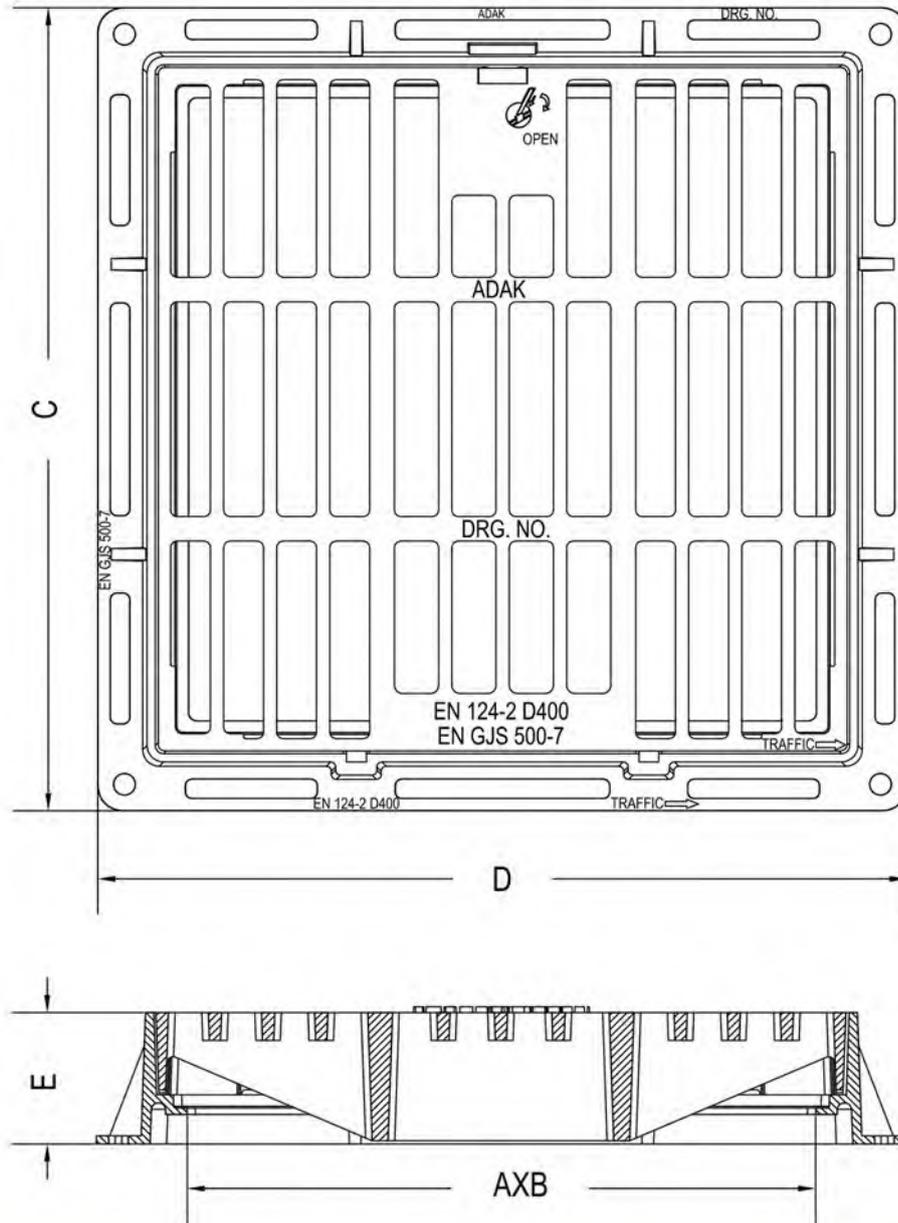






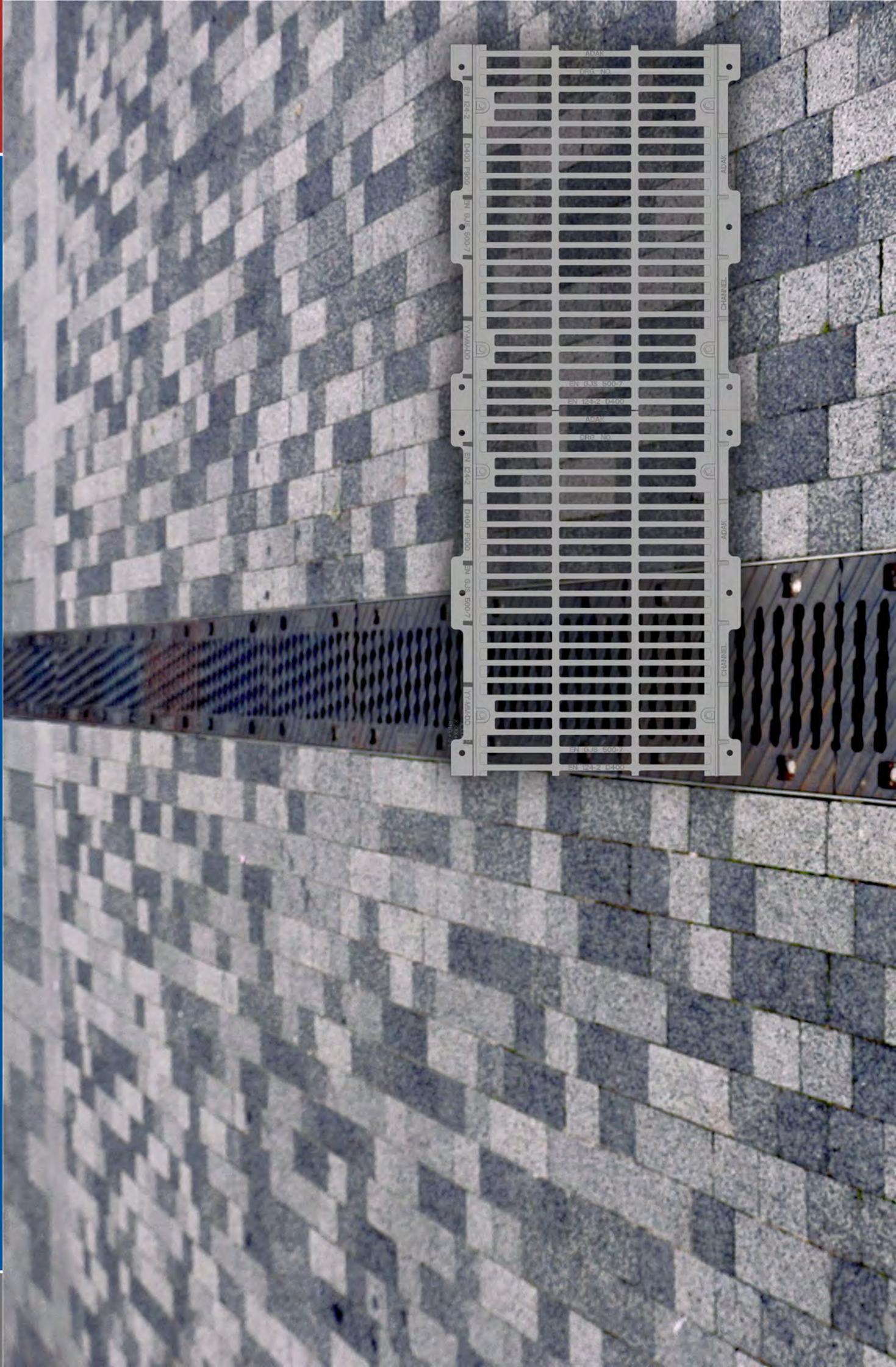
SI	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	380 X 380	490 X 490	80	D400	Manufactures as per EN-124-2. Large open area for water drainage.
2	400 X 400	520 X 520	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
3	500 X 500	600 X 600	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
4	600 X 600	700 X 700	50	C250	Manufactures as per EN-124-2. Large open area for water drainage.
5	590 X 590	710 X 710	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.

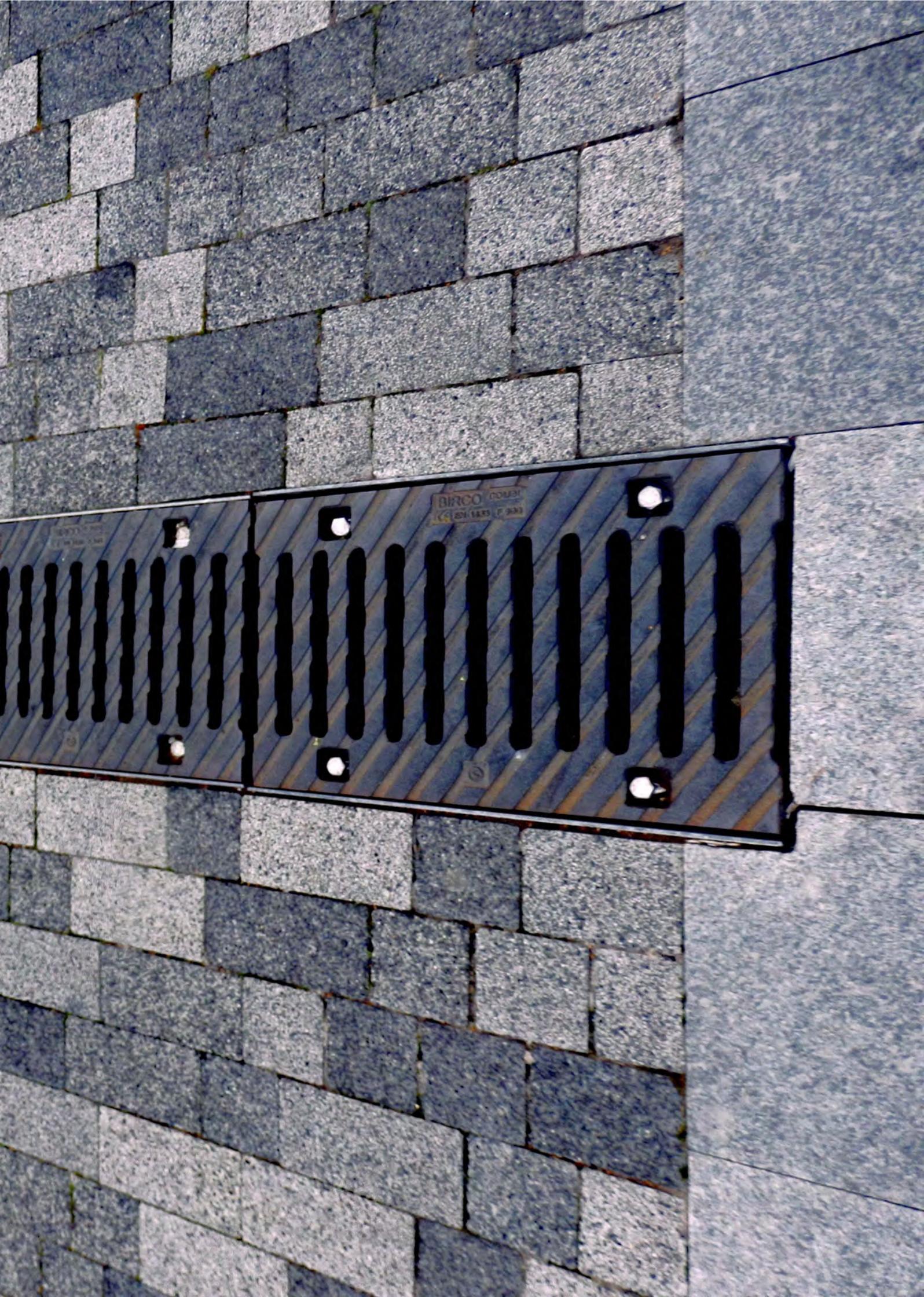
(With block system option.)

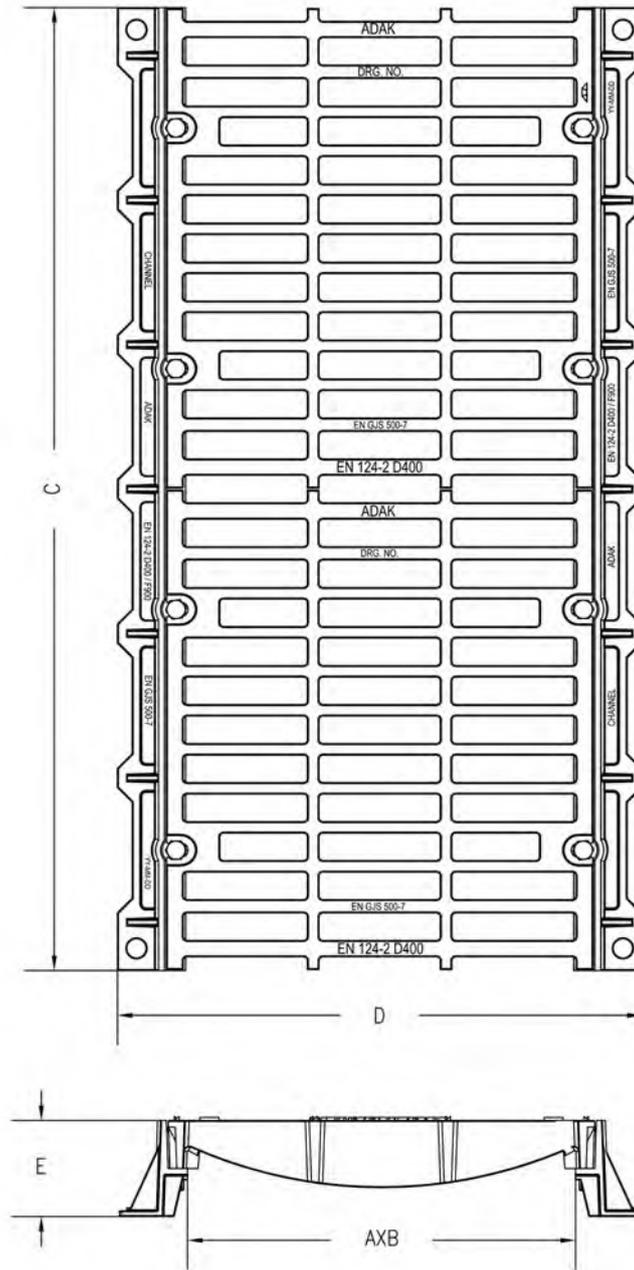


SI	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
6	600 X 600	790 X 790	100	F900	Manufactures as per EN-124-2. Large open area for water drainage.
7	790 X 790	920 X 920	100	F900	Manufactures as per EN-124-2. Large open area for water drainage.
8	700 X 700	800 X 800	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
9	1000 X 1000	1120 X 1120	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.

(With block system option.)

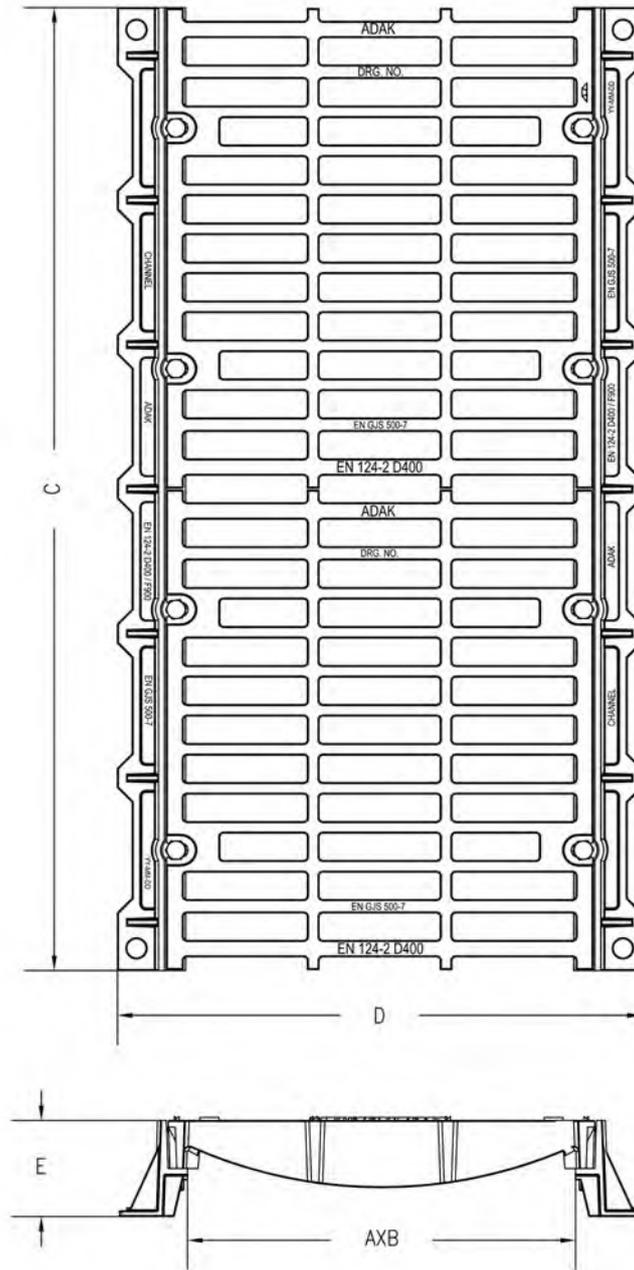






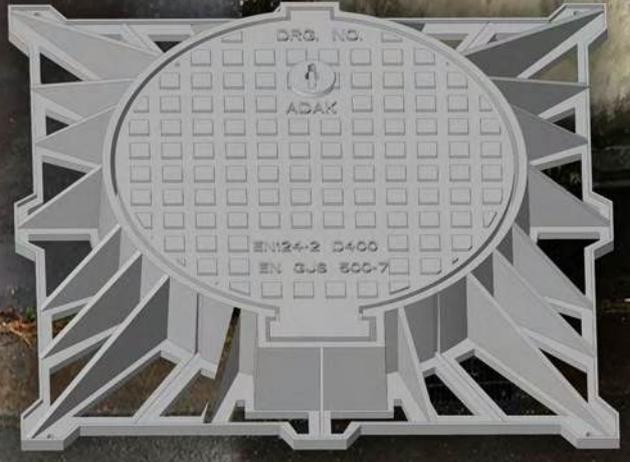
Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	1000 X 400	1000 X 540	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
2	1000 X 260	1000 X 400	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
3	1000 X 350	1000 X 490	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
4	1000 X 500	1000 X 740	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
5	1000 X 600	1000 X 740	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.

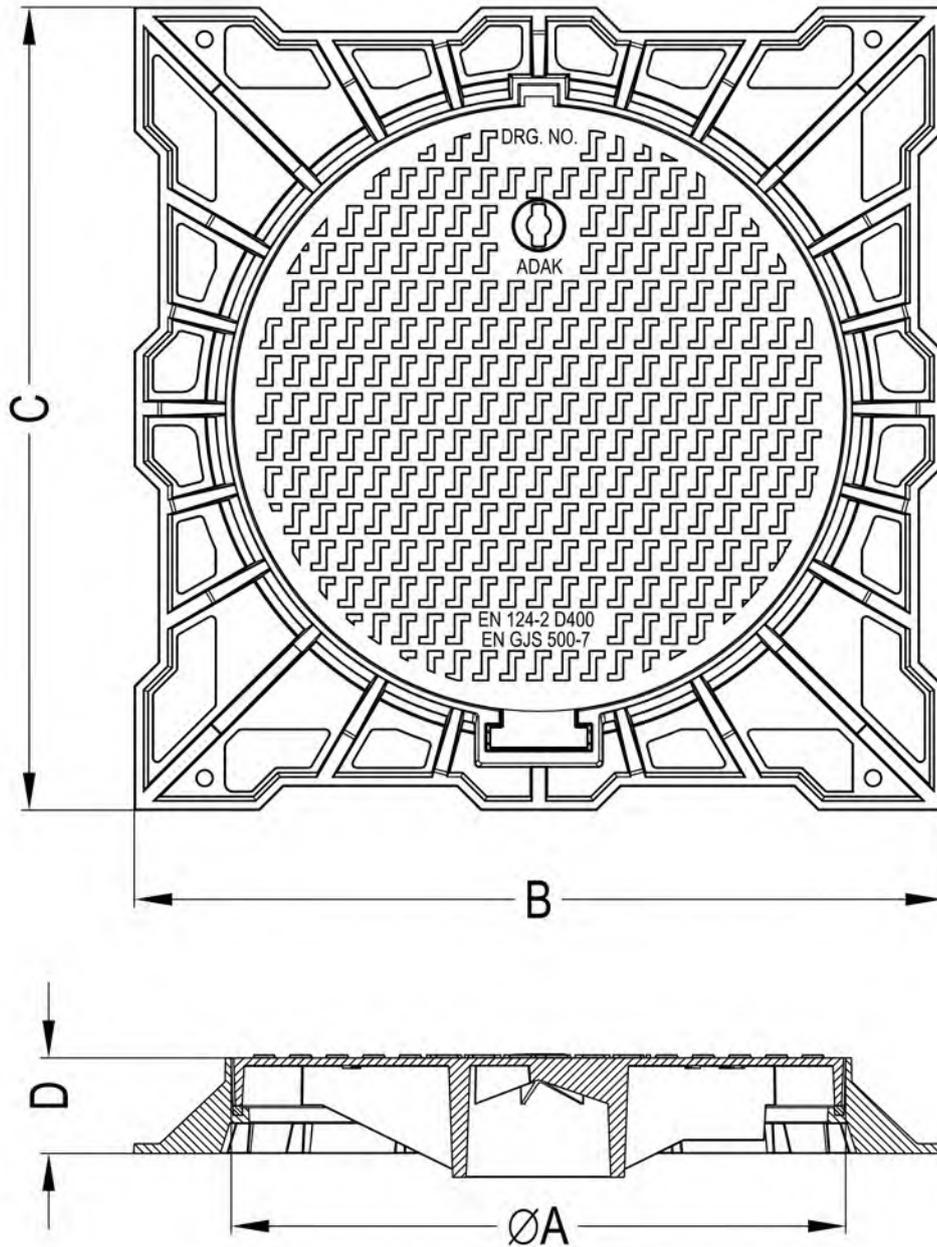
(With block system option.)



Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
6	750 X 450	750 X 600	75	D400	Manufactures as per EN-124-2. Large open area for water drainage.
7	1000 X 700	1000 X 840	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
8	1000 X 563	1000 X 300	100	F900	Manufactures as per EN-124-2. Large open area for water drainage.

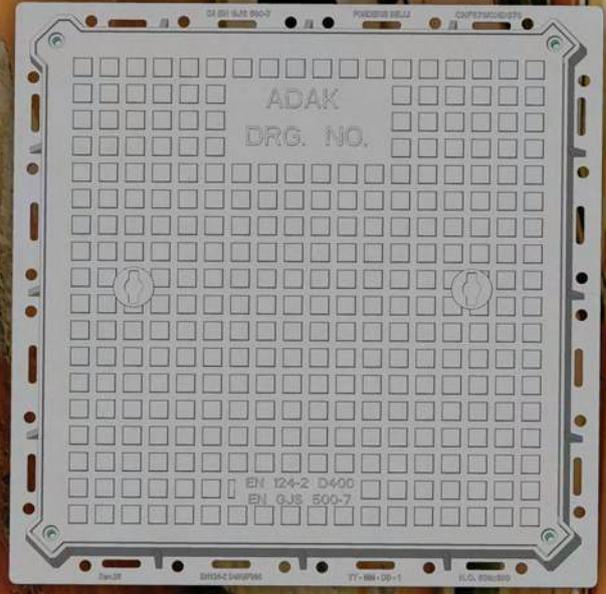
(With block system option.)



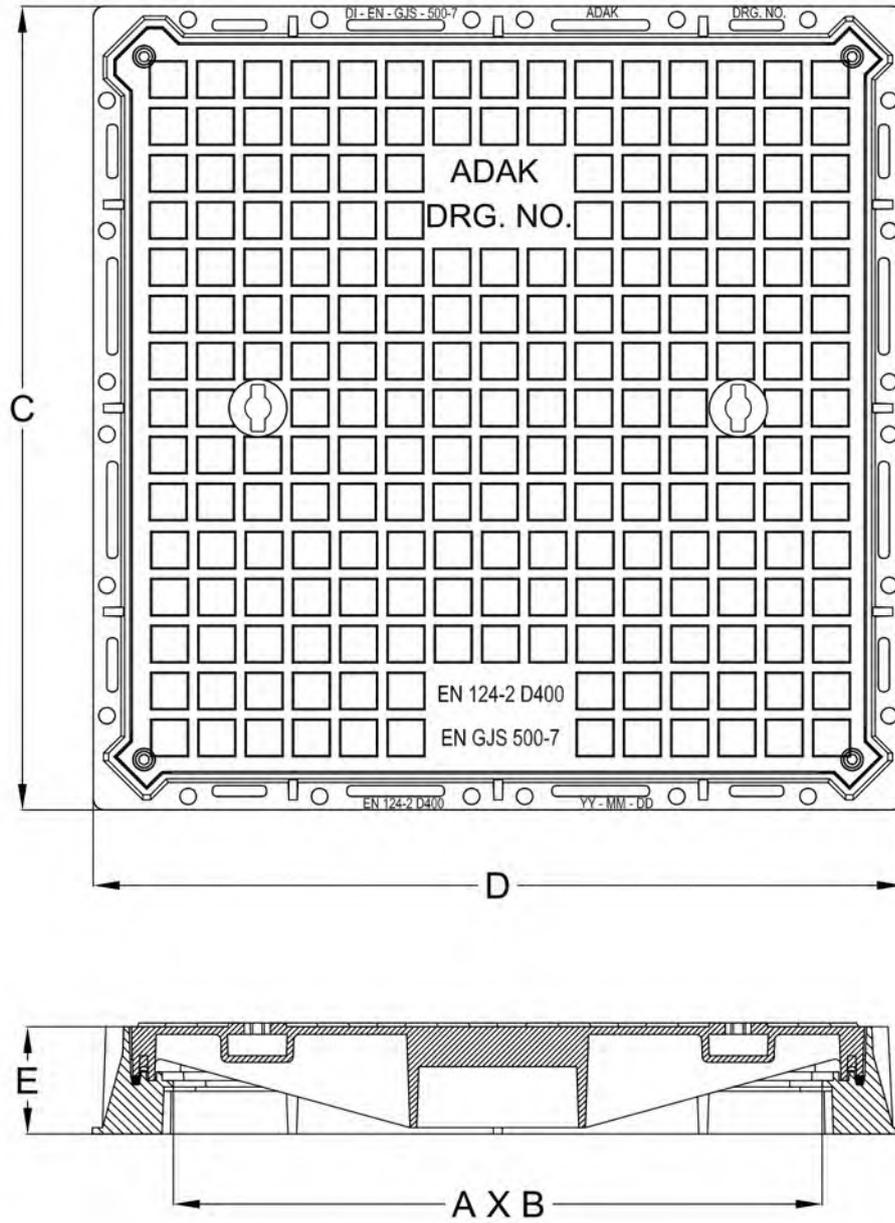


Sl	Clear Opening A (mm)	Over Base BxC (mm)	Height D (mm)	Class	Features
1	Φ 600	840 X 840	100	F900	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.
2	Φ 600	840 X 840	100	D400	Manufactures as per EN-124-2. Large open area for water drainage. Hinged for easy opening.
3	Φ 700	940 X 940	150	D400	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.
4	Φ 800	1000 X 1000	100	F900	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.

(Cover fitting with gasket and also with block system option.)

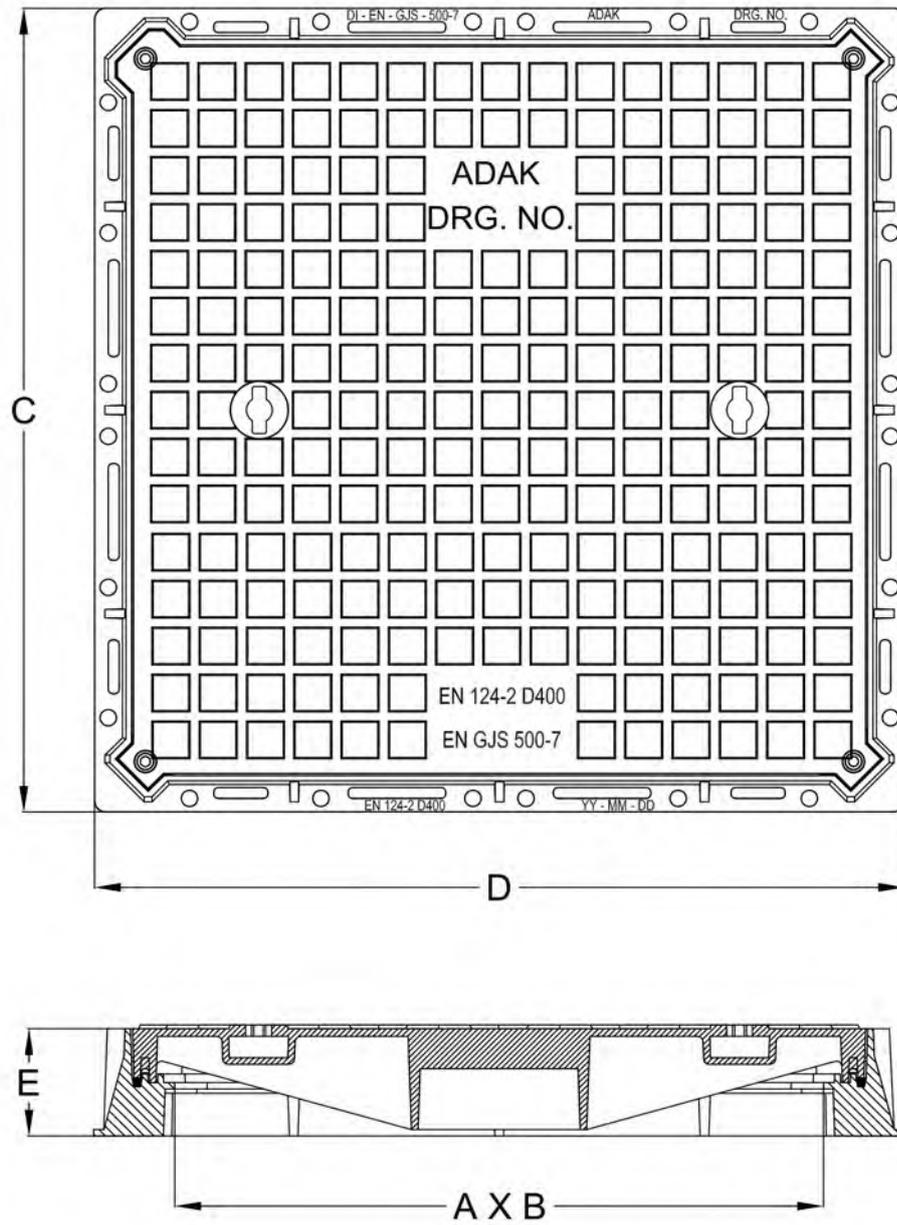






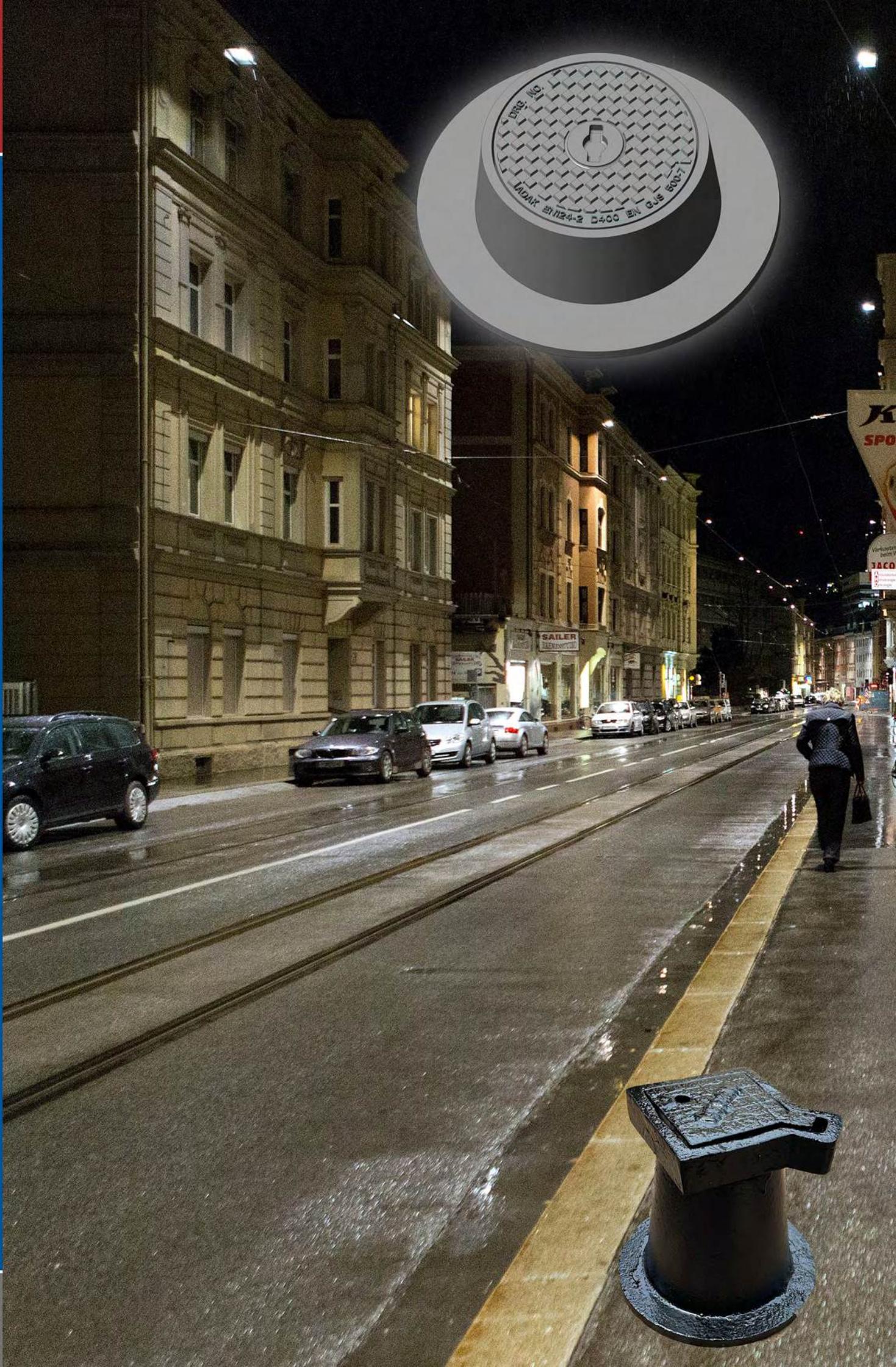
Sl	Clear Opening Ax B (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	600 X 600	750 X 750	100	D400	Manufactures as per EN-124-2. Anti-skid checker design. Double seal system.
2	790 X 790	920 X 920	100	D400	Manufactures as per EN-124-2. Anti-skid checker design. Double seal system.
3	790 X 790	920 X 920	100	F900	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.
4	900 X 900	1052 X 1052	150	D400	Manufactures as per EN-124-2. Anti-skid checker design. Double seal system.

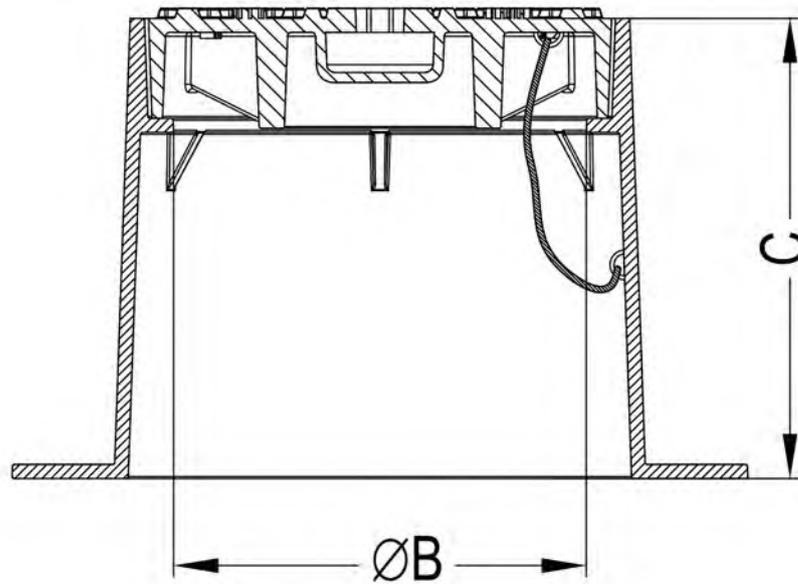
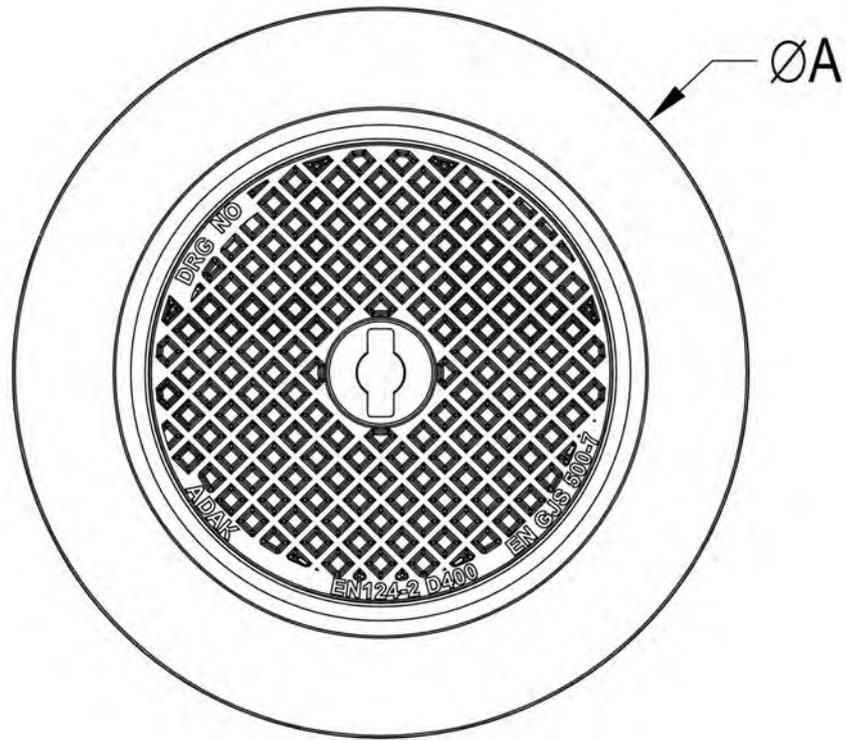
(With water tight option.)



SI	Clear Opening Ax B (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
5	900 X 900	1052 X 1052	100	F900	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.
6	1000 X 1000	1120 X 1120	100	F900	Manufactures as per EN-124-2. Anti-skid checker design. Double seal system.

(With water tight option.)

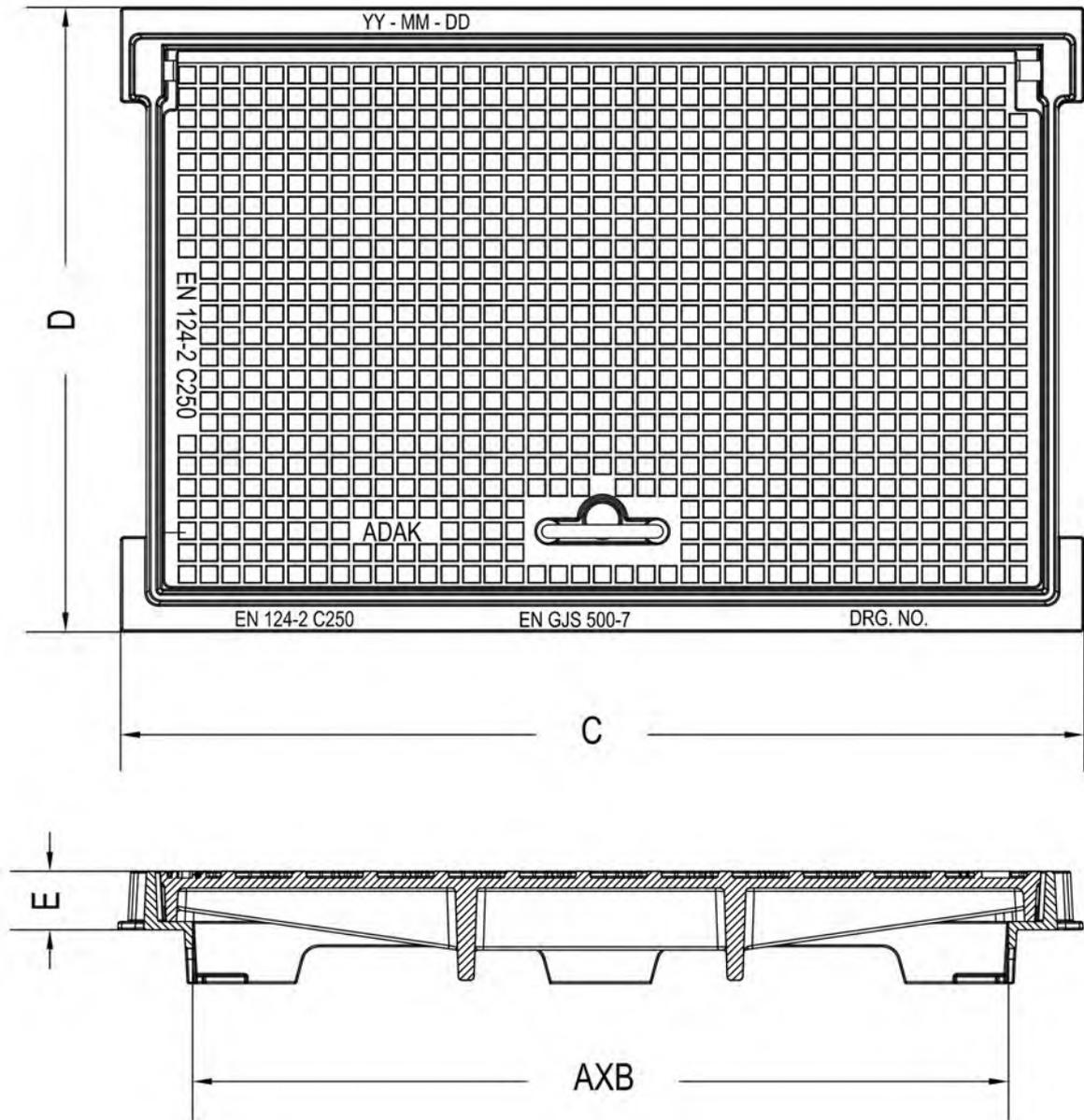




Sl	Clear Opening B (mm)	Over Base A (mm)	Height C (mm)	Class	Features
1	Φ 205	Φ 365	230	D400	Manufactures as per EN-124-2. Heavy duty Surface Box. Single piece cover.
2	Φ 170	Φ 330	200	D400	Manufactures as per EN-124-2. Heavy duty Surface Box. Single piece cover.
3	Φ 100	Φ 225	200		Manufactures as per EN-124-2. Heavy duty Surface Box. Single piece cover.

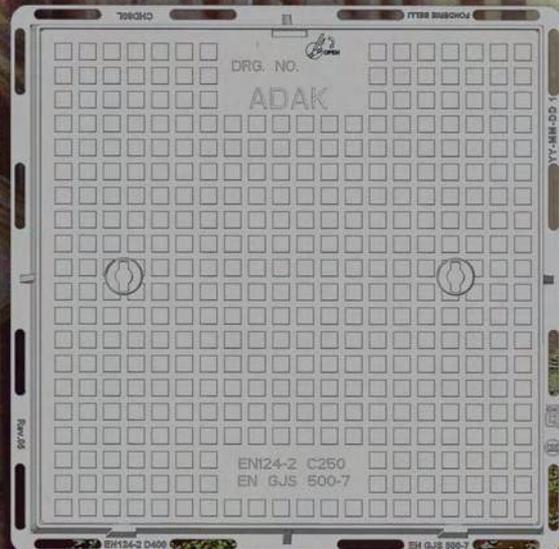
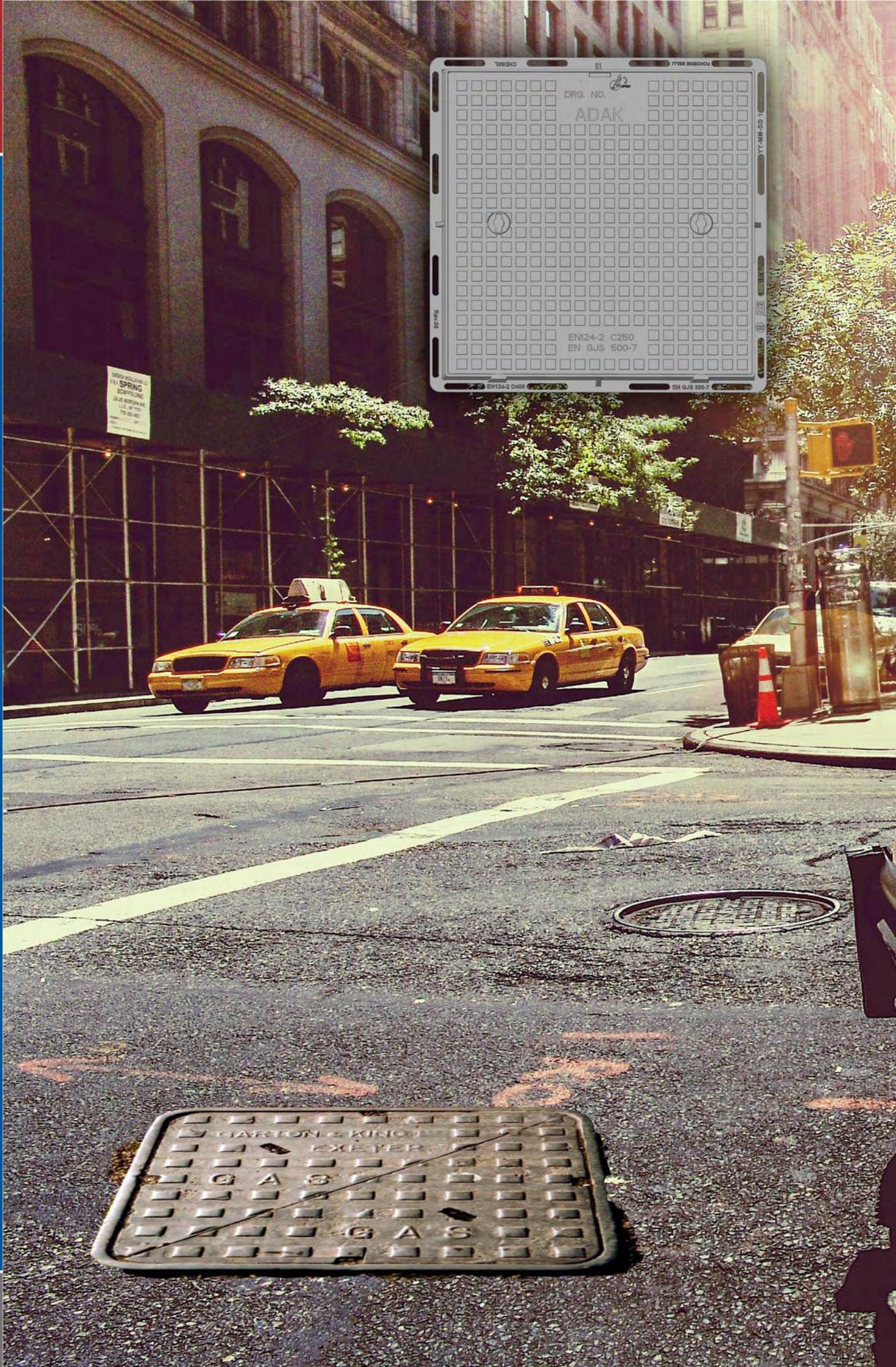
(Chain attachment option for anti-theft.)





Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	479 X 279	571 X 373	67	C250	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.
2	375 X 196	438 X 259	92	B125	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.
3	377 X 305	467 X 397	67	C250	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.
4	375 X 196	467 X 288	67	C250	Manufactures as per EN-124-2. Anti-skid checker design. Hinged for easy opening.

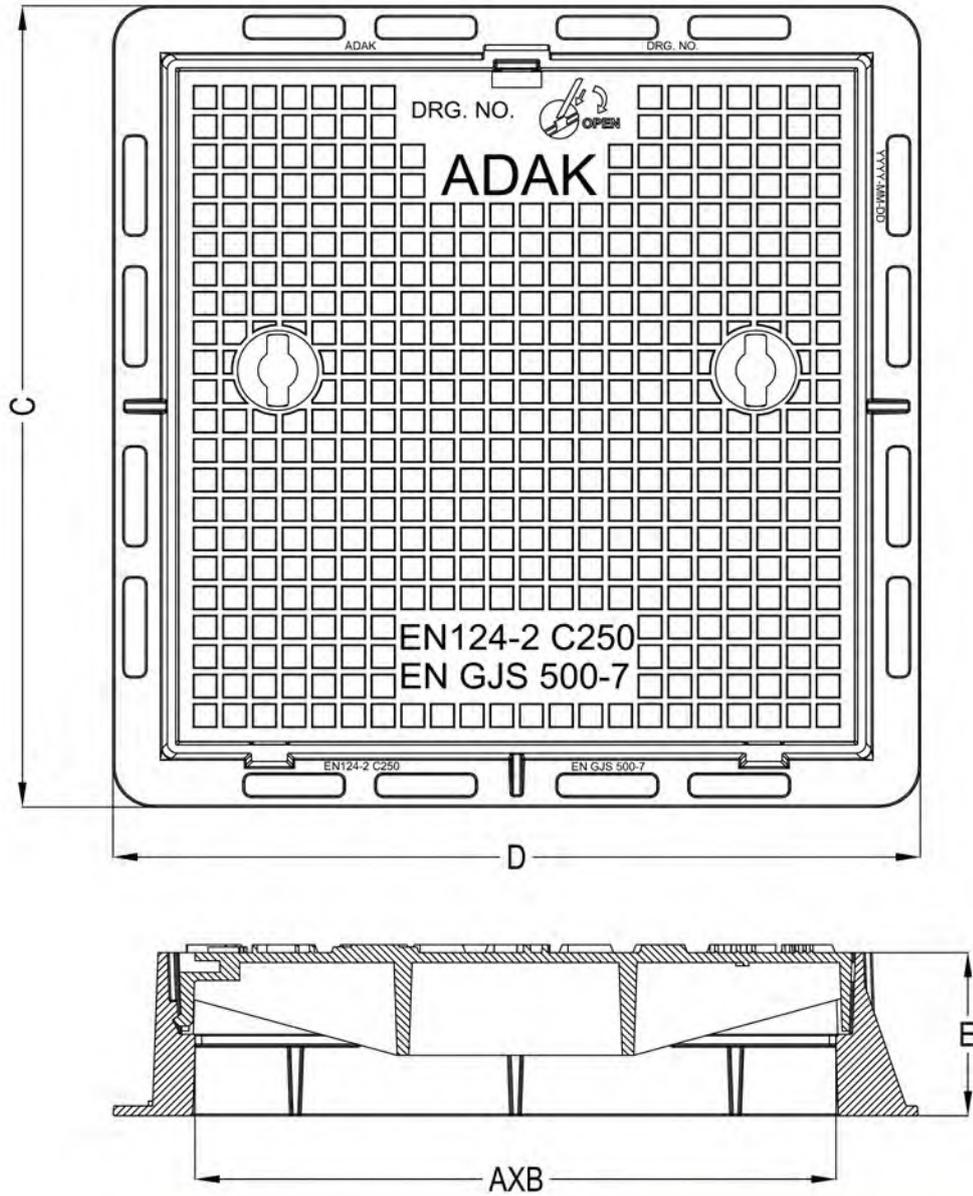
(Drop handel option for easy opening.)





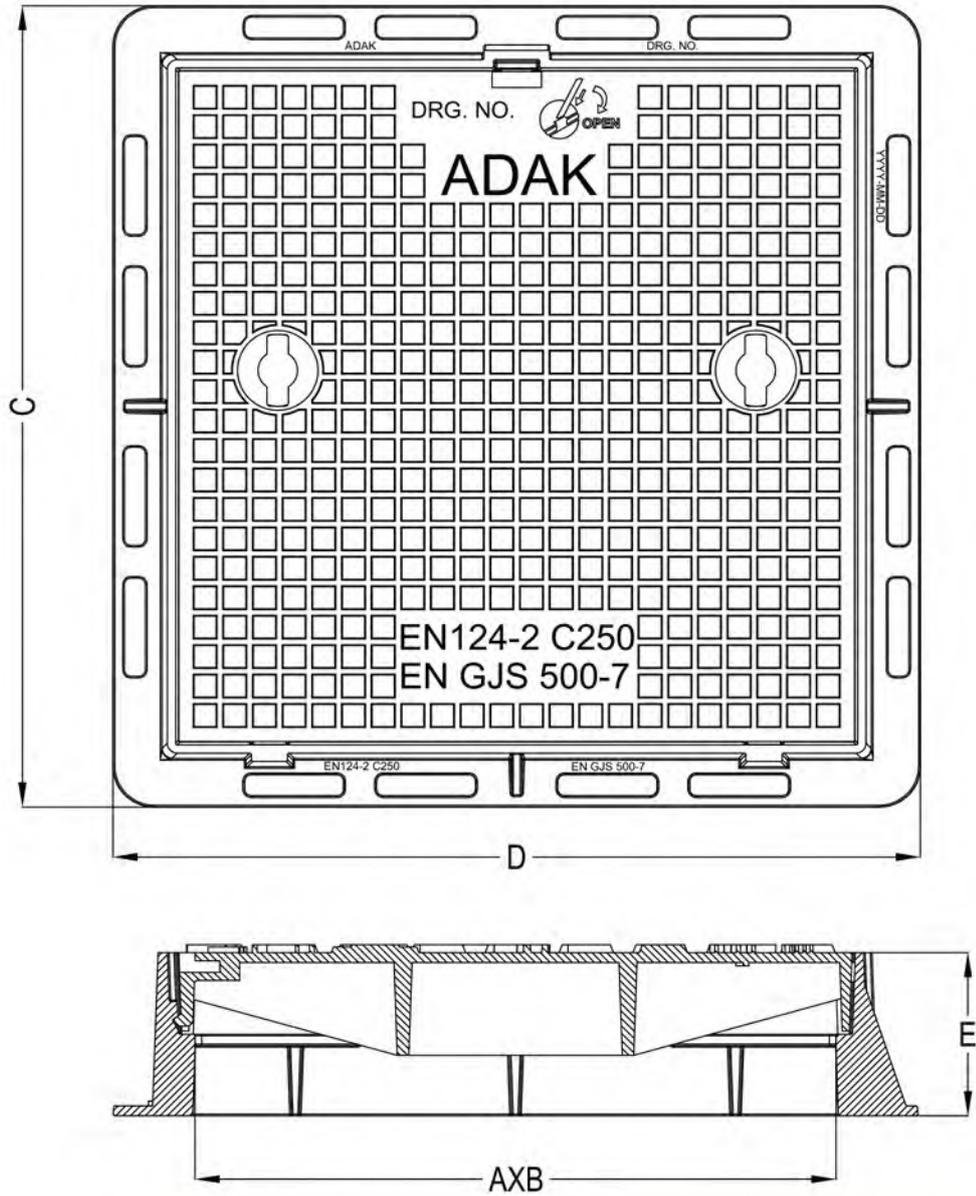
ONE WAY

CITY RESTAURANT
Bar
Cafe
Restaurant



Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	390 X 390	490 X 490	100	D400	Manufactures as per EN-124-2. Anti-skid checker design.
2	450 X 450	550 X 550	100	D400	Manufactures as per EN-124-2. Anti-skid checker design.
3	490 X 490	590 X 590	100	D400	Manufactures as per EN-124-2. Anti-skid checker design.
4	660 X 475	745 X 560	55	C250	Manufactures as per EN-124-2. Anti-skid checker design.
5	700 X 700	800 X 800	50	C250	Manufactures as per EN-124-2. Anti-skid checker design.

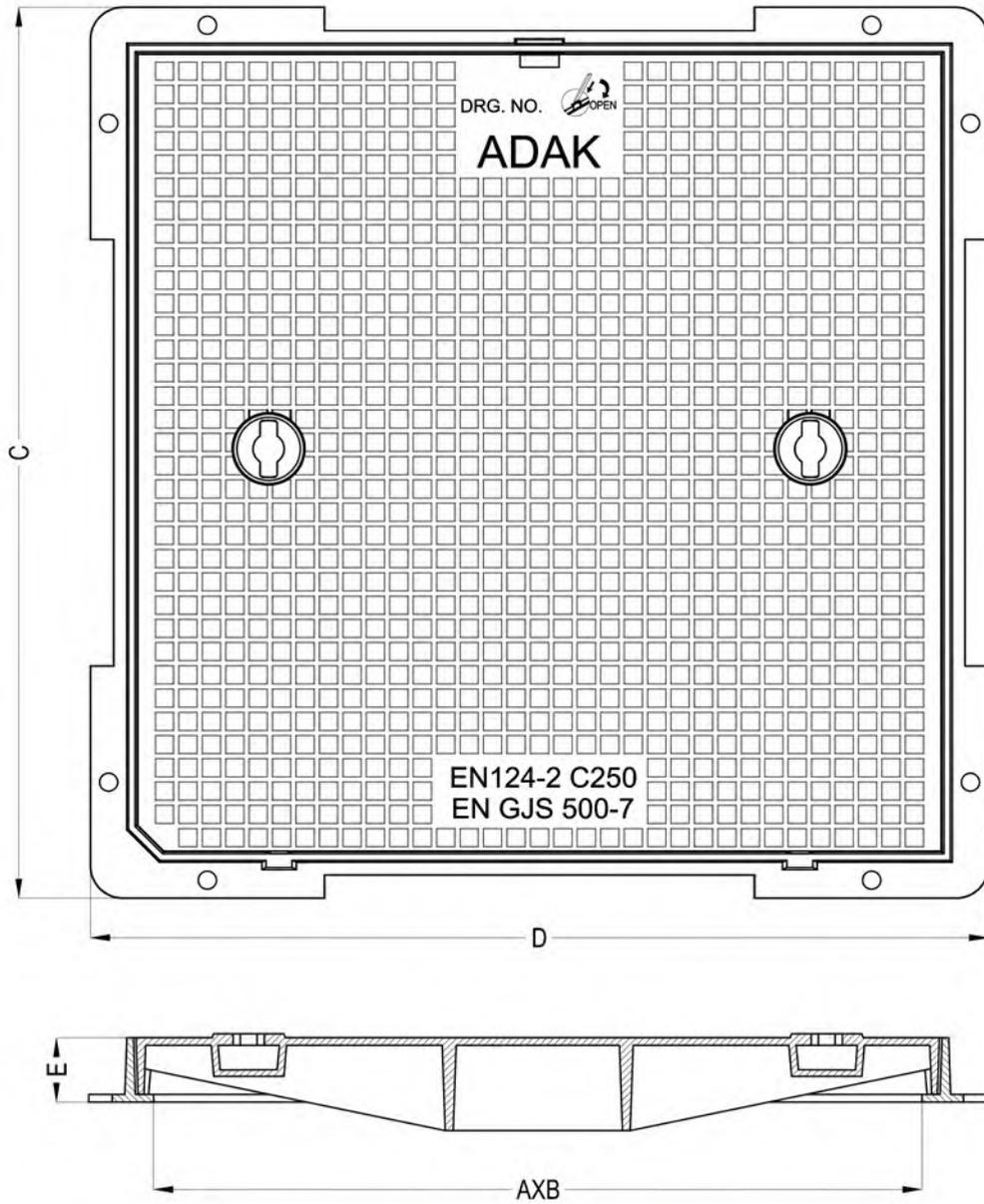
(Non water tight option.)



Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
6	700 X 700	800 X 800	100	D400	Manufactures as per EN-124-2. Anti-skid checker design.
7	1200 X 1200	1353 X 1353	100	D400	Manufactures as per EN-124-2. Anti-skid checker design.
8	1200 X 1200	1353 X 1353	100	F900	Manufactures as per EN-124-2. Anti-skid checker design.
9	1000 X 810	1120 X 930	100	F900	Manufactures as per EN-124-2. Anti-skid checker design.

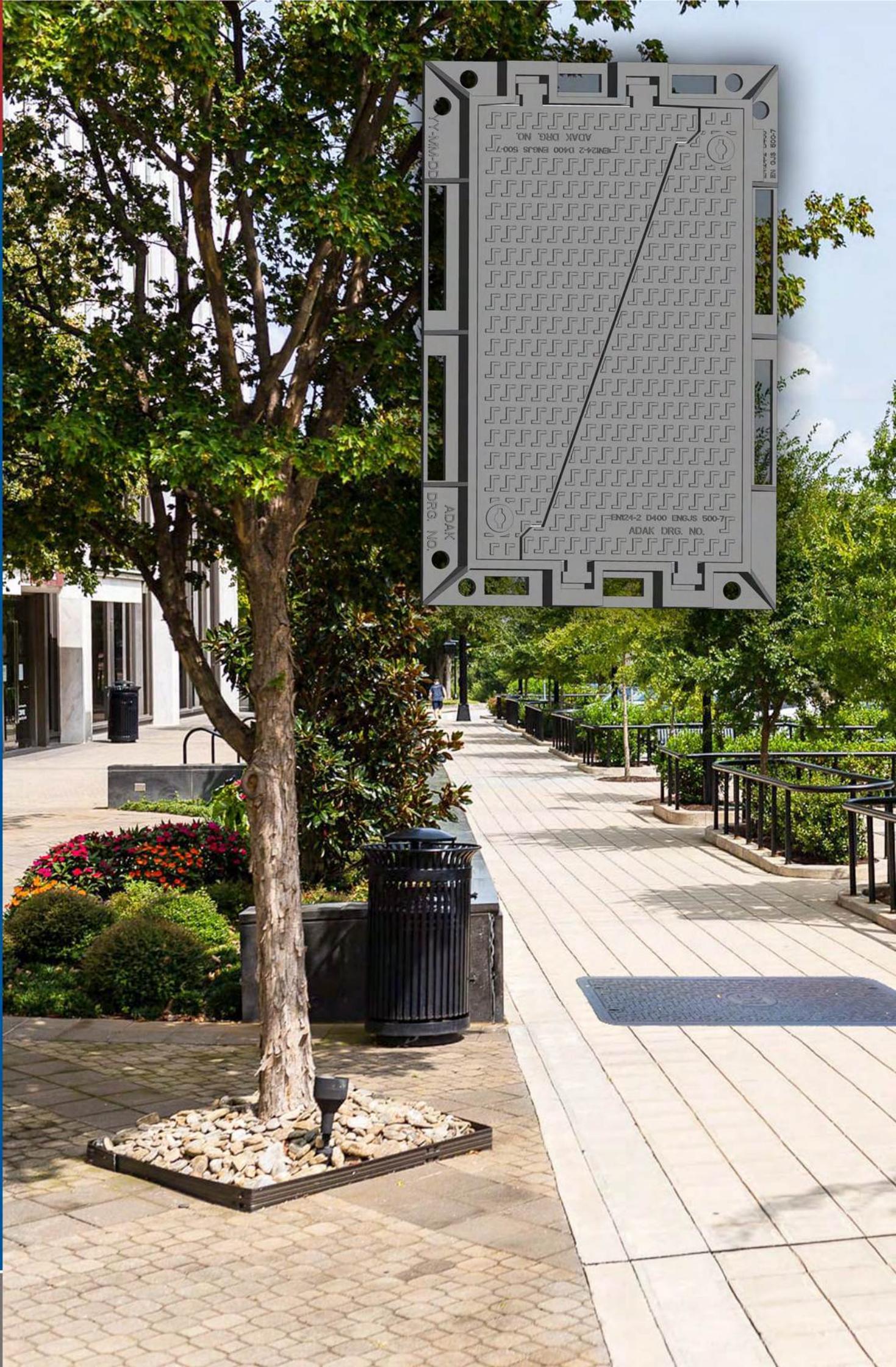
(Non water tight option.)



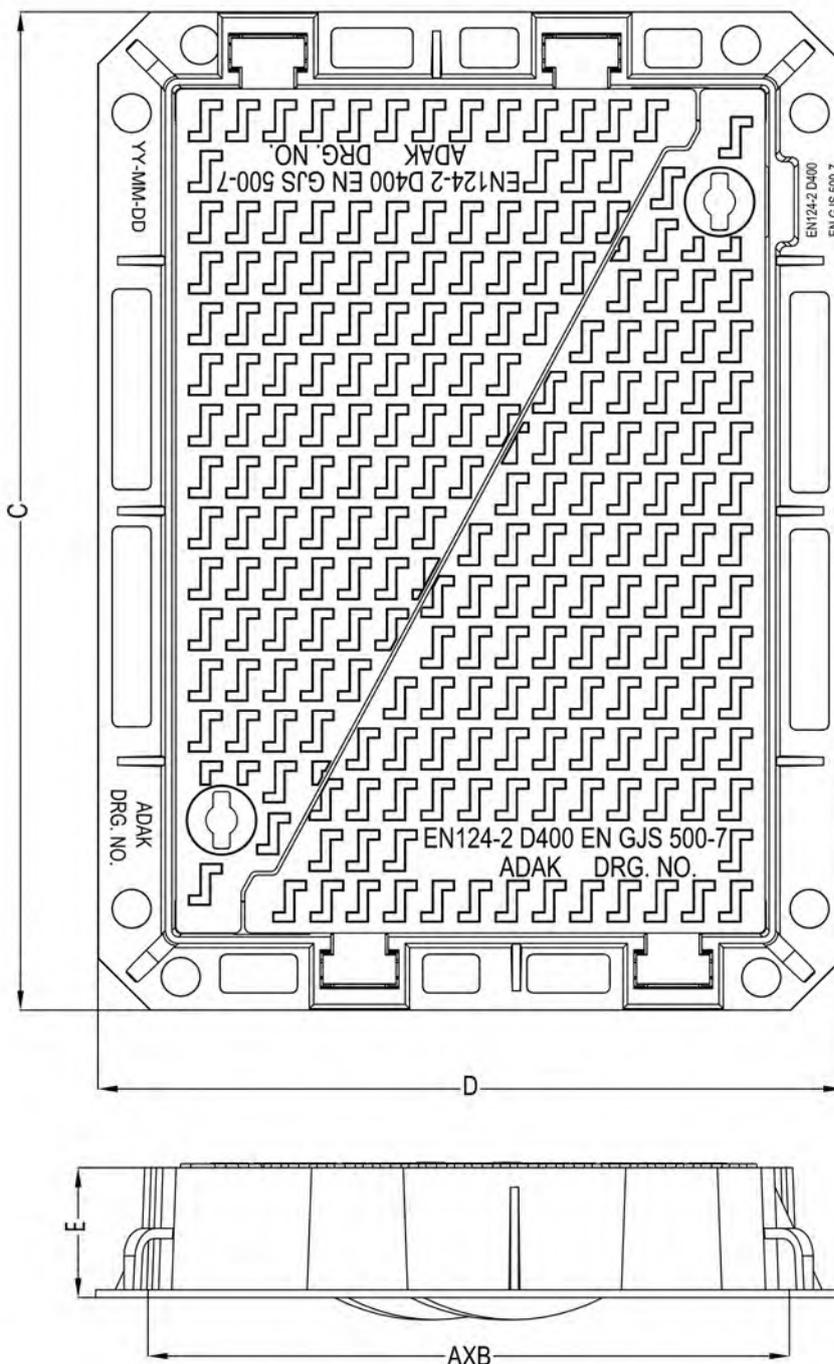


Sl	Clear Opening AxB (mm)	Over Base CxD (mm)	Height E (mm)	Class	Features
1	301 X 301	400 X 400	75	D400	Manufactures as per EN-124-2. Anti-skid checker design.
2	490 X 490	590 X 590	40	C250	Manufactures as per EN-124-2. Anti-skid checker design.
3	590 X 590	690 X 690	50	C250	Manufactures as per EN-124-2. Anti-skid checker design.
4	600 X 600	700 X 700	40	B125	Manufactures as per EN-124-2. Anti-skid checker design.

(Block system with elastic bar option.)

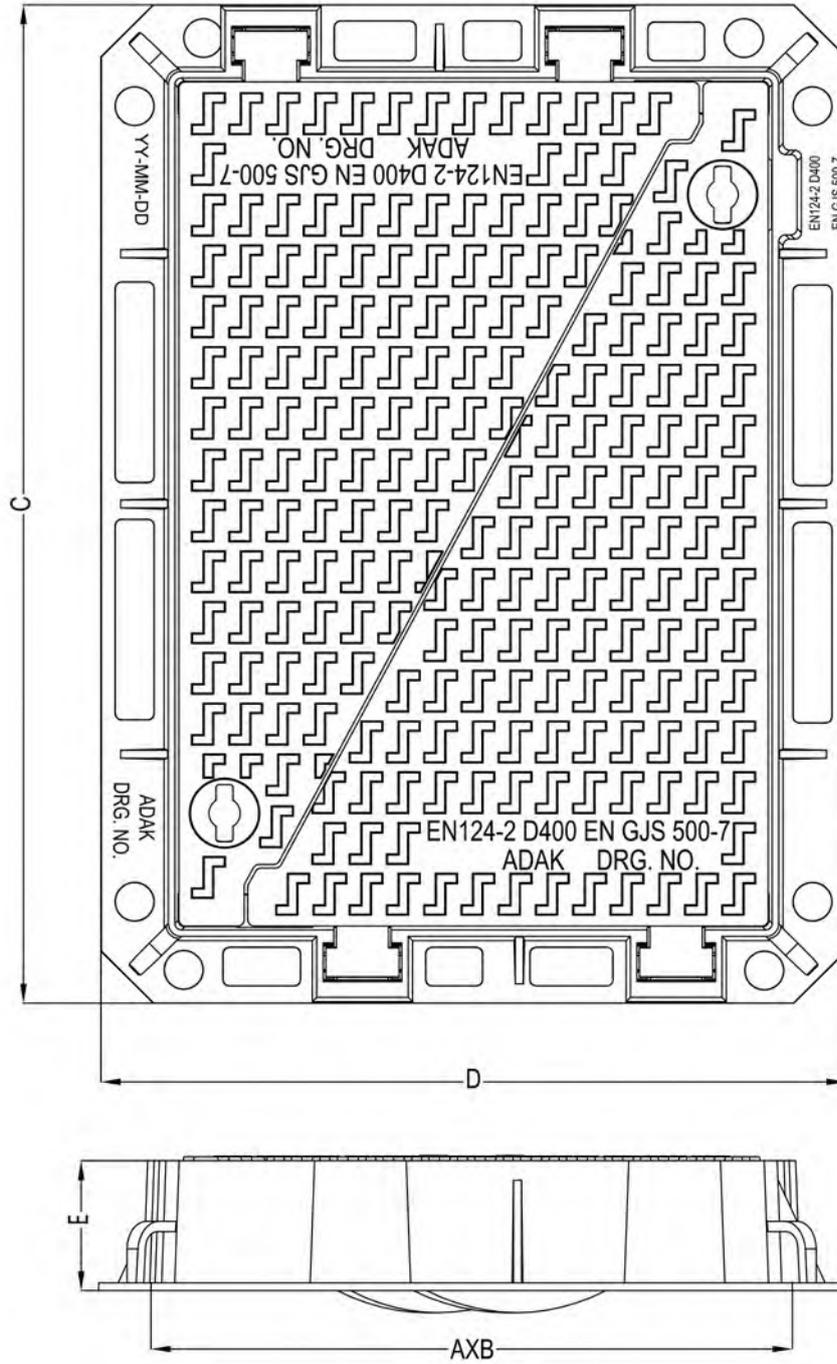






Sl	Clear Opening AxB (mm)	Over Base CxD (mm)	Height E (mm)	Class	Features
1	600 X 450	770 X 570	100	D400	Manufactures as per EN-124-2. Double Triangular anti-skid checker design.
2	600 X 600	760 X 720	100	D400	Manufactures as per EN-124-2. Double Triangular anti-skid checker design.
3	760 X 400	918 X 536	100	D400	Manufactures as per EN-124-2. Double Triangular anti-skid checker design.
4	800 X 700	920 X 860	100	D400	Manufactures as per EN-124-2. Double Triangular anti-skid checker design.

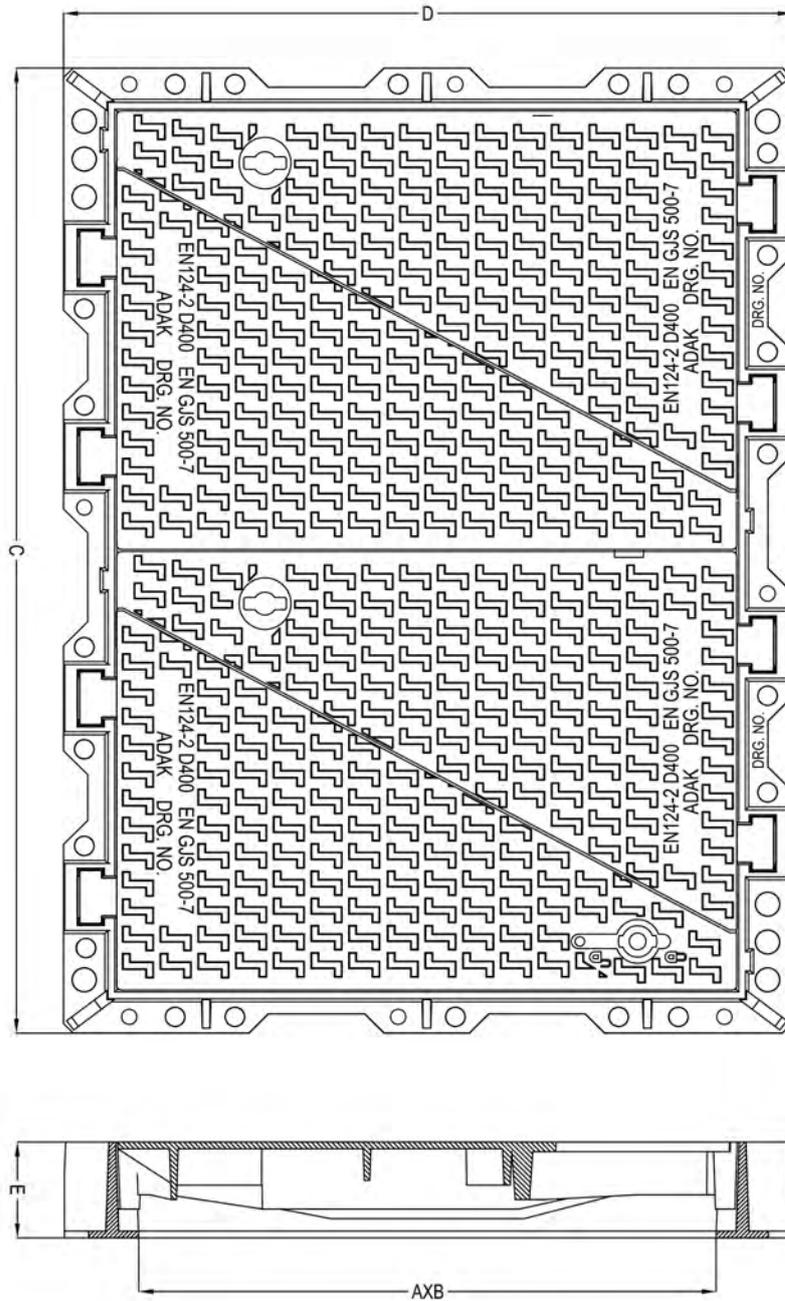
(Block system by locking arrangement option.)



SI	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
5	900 X 750	1060 X 910	100	D400	Manufactures as per EN-124-2. Double Triangular anti-skid checker design.
6	900 X 900	1070 X 1032	100	D400	Manufactures as per EN-124-2. Double Triangular anti-skid checker design.
3	750 X 450	860 X 610	100	D400	Manufactures as per EN-124-2. Double Triangular anti-skid checker design.

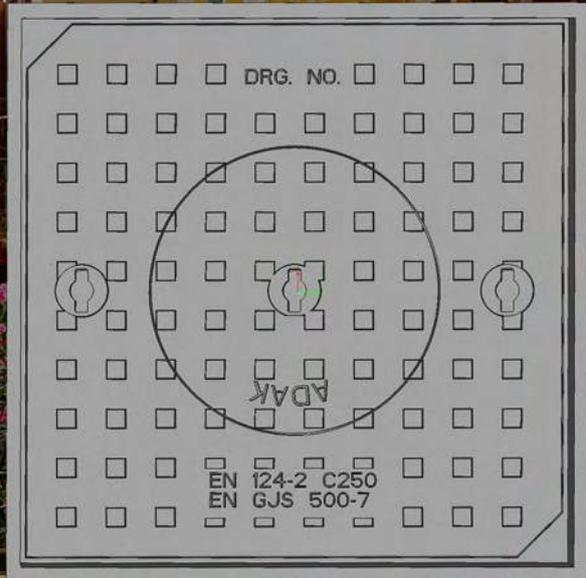
(Block system by locking arrangement option.)

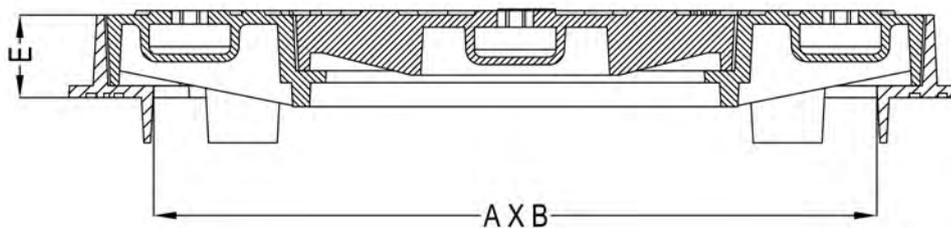
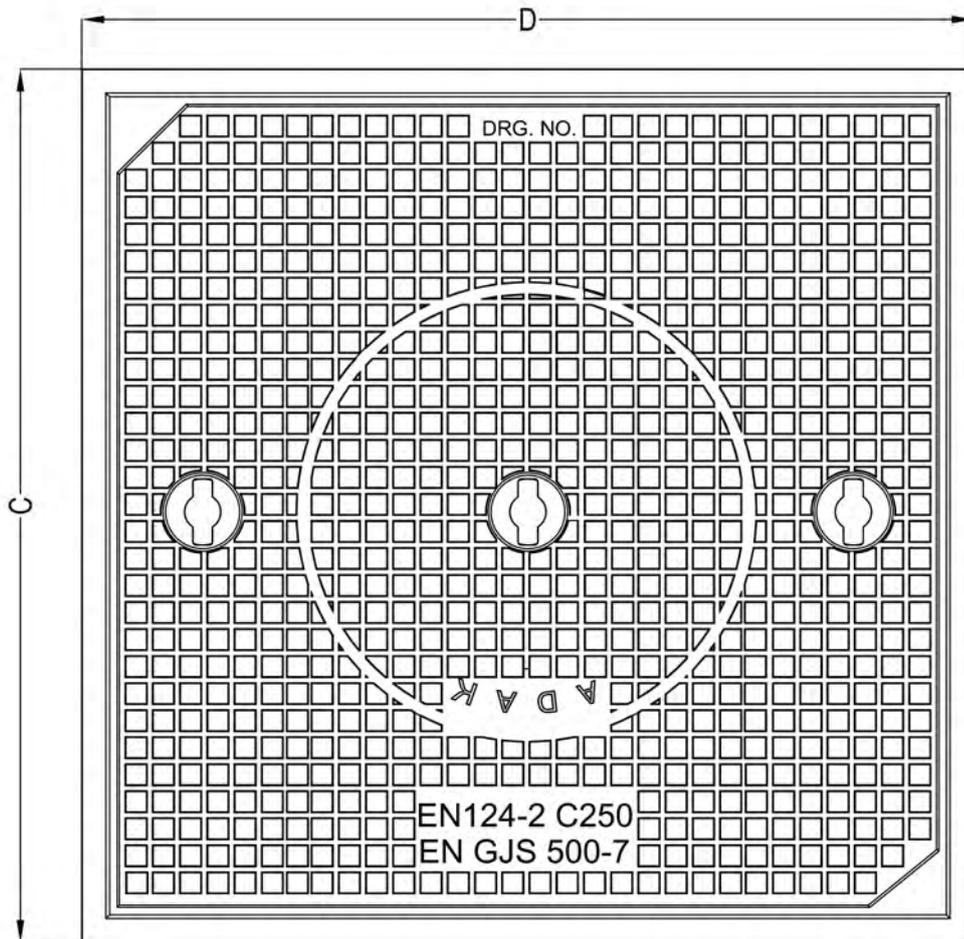




Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	900 X 600	1010 X 759	100	D400	Manufactures as per EN-124-2. Multi Triangular anti-skid checker design.
2	900 X 900	1085 X 1020	100	D400	Manufactures as per EN-124-2. Multi Triangular anti-skid checker design.
3	1060 X 700	1180 X 884	100	D400	Manufactures as per EN-124-2. Multi Triangular anti-skid checker design.
4	1200 X 600	1255 X 760	100	D400	Manufactures as per EN-124-2. Multi Triangular anti-skid checker design.

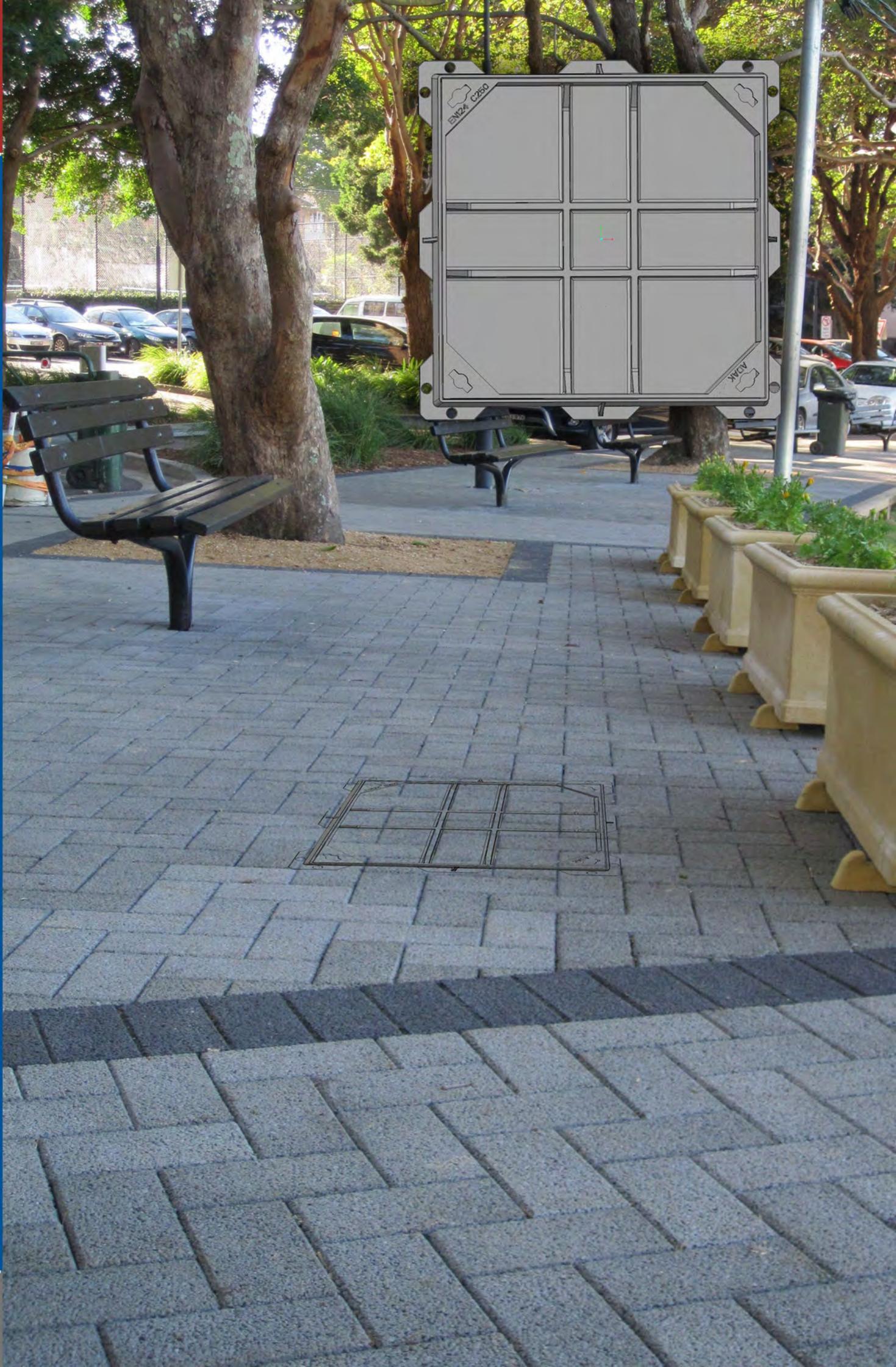
(Block system by locking arrangement option.)

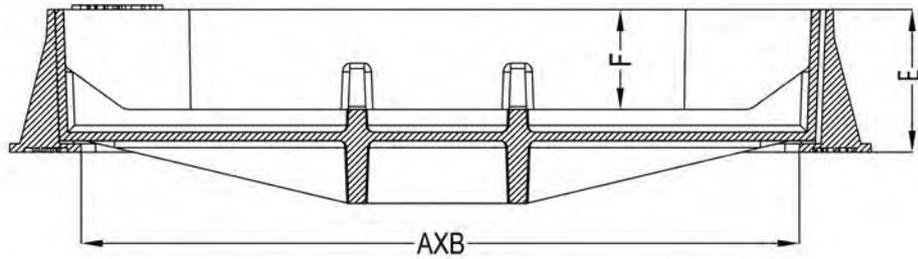
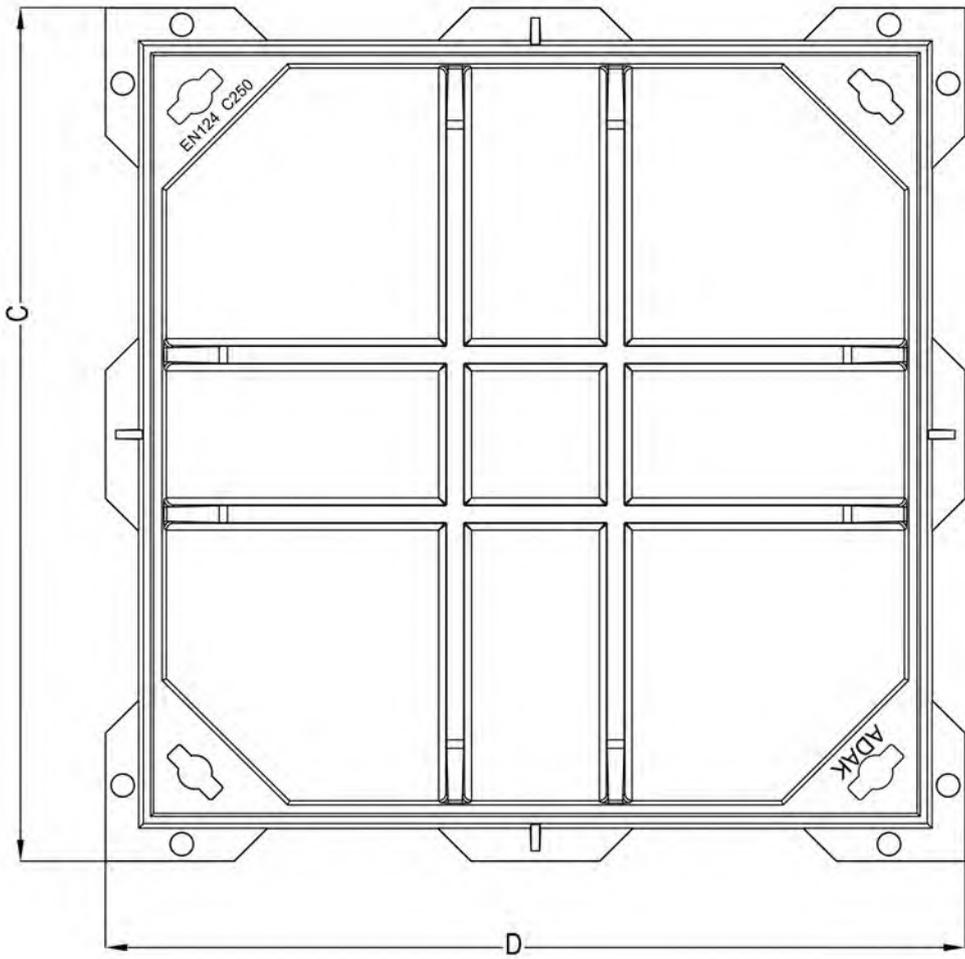




Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	500 X 500	590 X 590	55	C250	Manufactures as per EN-124-2. Multi Triangular anti-skid checker design.

(Customized Marking option.)

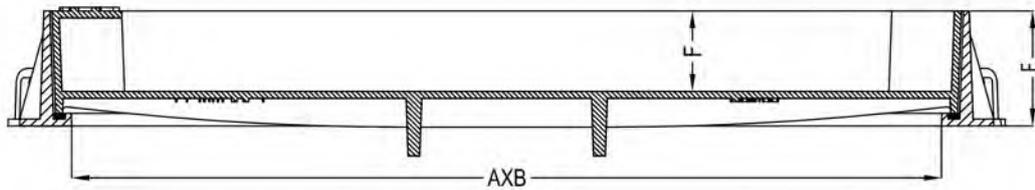
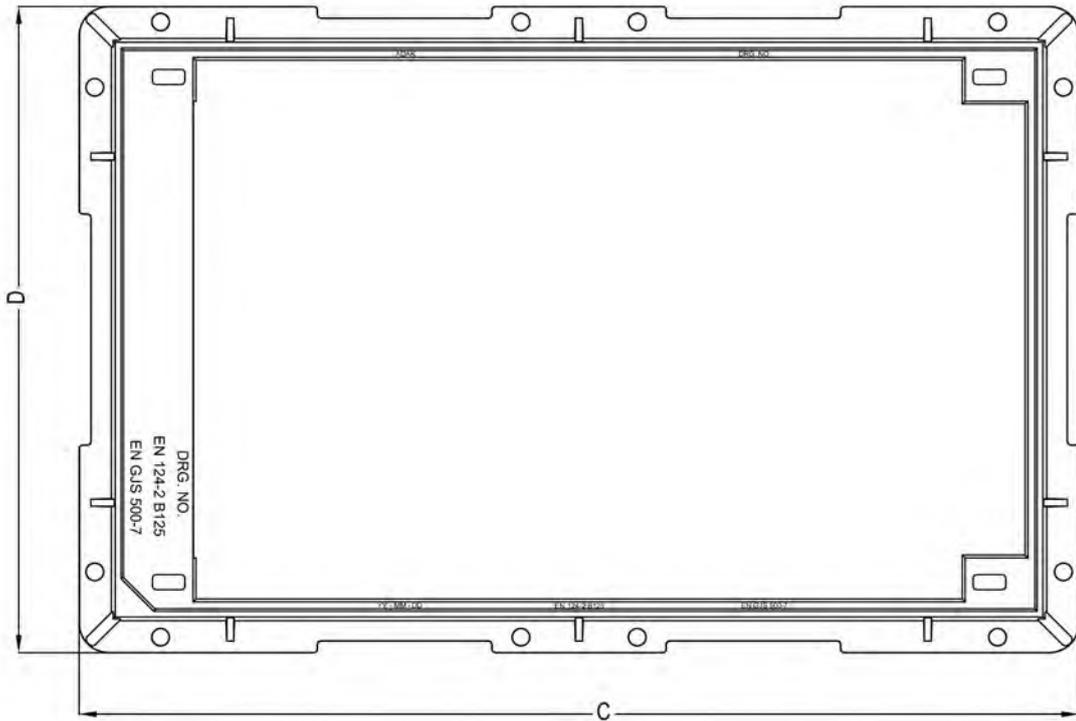




Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Rec. Ht. F (mm)	Class	Features
1	500 X 500	600 X 600	100	68	C250	Manufactures as per EN-124-2. Load achieved before concrete filling.
2	600 X 600	700 X 700	100	68	C250	Manufactures as per EN-124-2. Load achieved before concrete filling.

(Block system by locking arrangement option.)

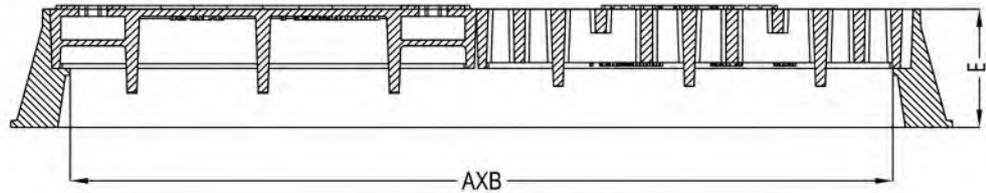
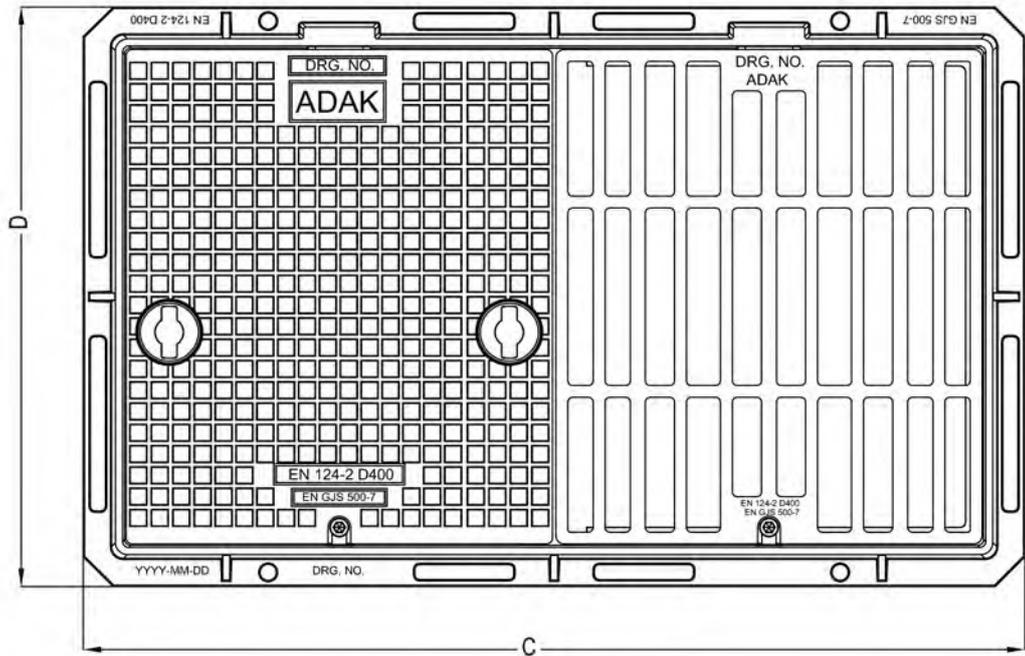




Sl	Clear Opening AxB (mm)	Over Base CxD (mm)	Height E (mm)	Rec. Ht. F (mm)	Class	Features
1	750 X 450	860 X 560	100	70	B125	Manufactures as per EN-124-2. Load achieved before concrete filling.
2	750 X 450	870 X 570	100	70	D400	Manufactures as per EN-124-2. Load achieved before concrete filling.

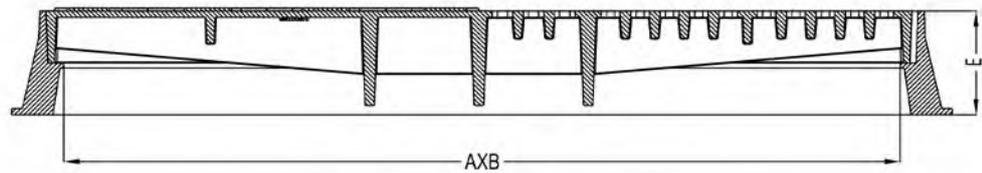
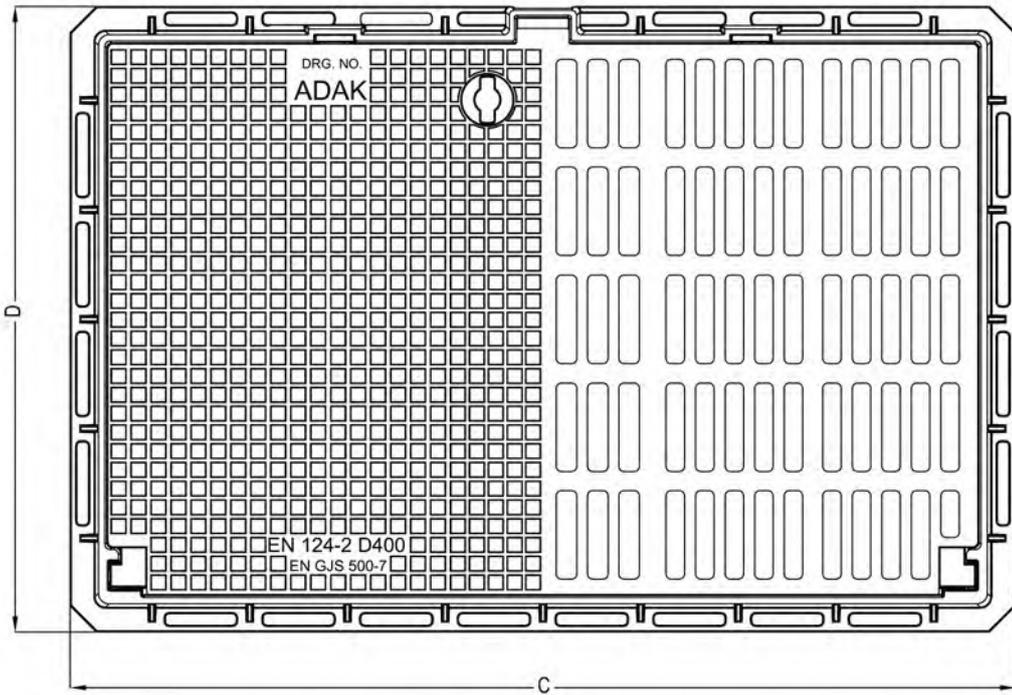
(Non rock design with Inscription.)





Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	690 X 390	790 X 490	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.

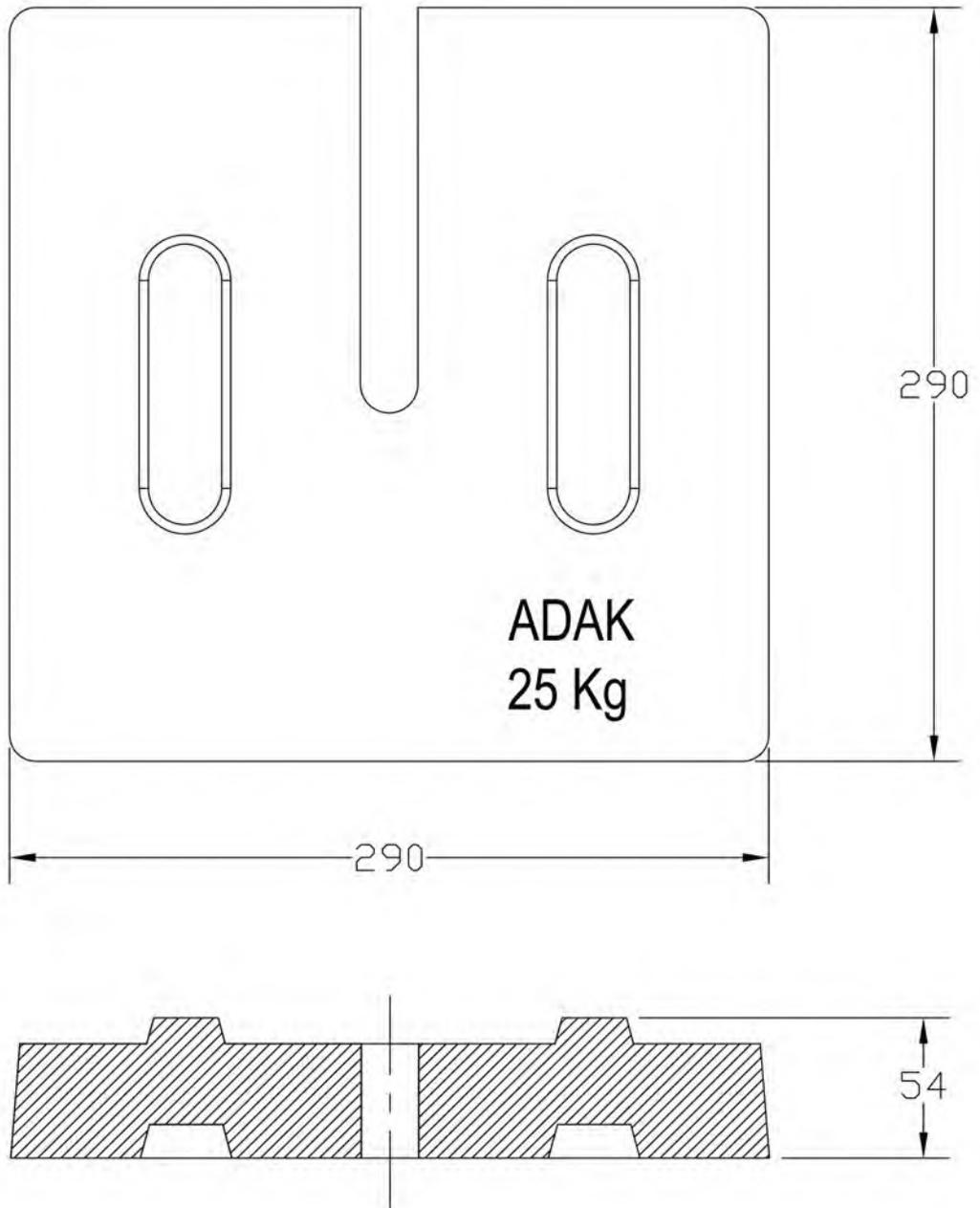
(Space per avenue set in class per separation position and block system by M10 screw.)



Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
1	800 X 500	900 X 600	100	D400	Manufactures as per EN-124-2. Large open area for water drainage. Hinged for easy opening.

(Block system with elastic bar option.)

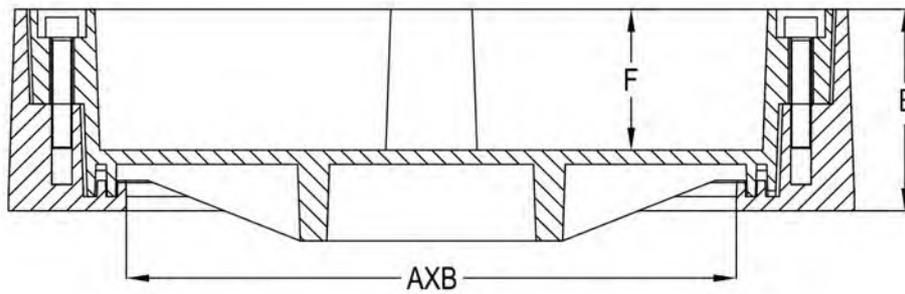
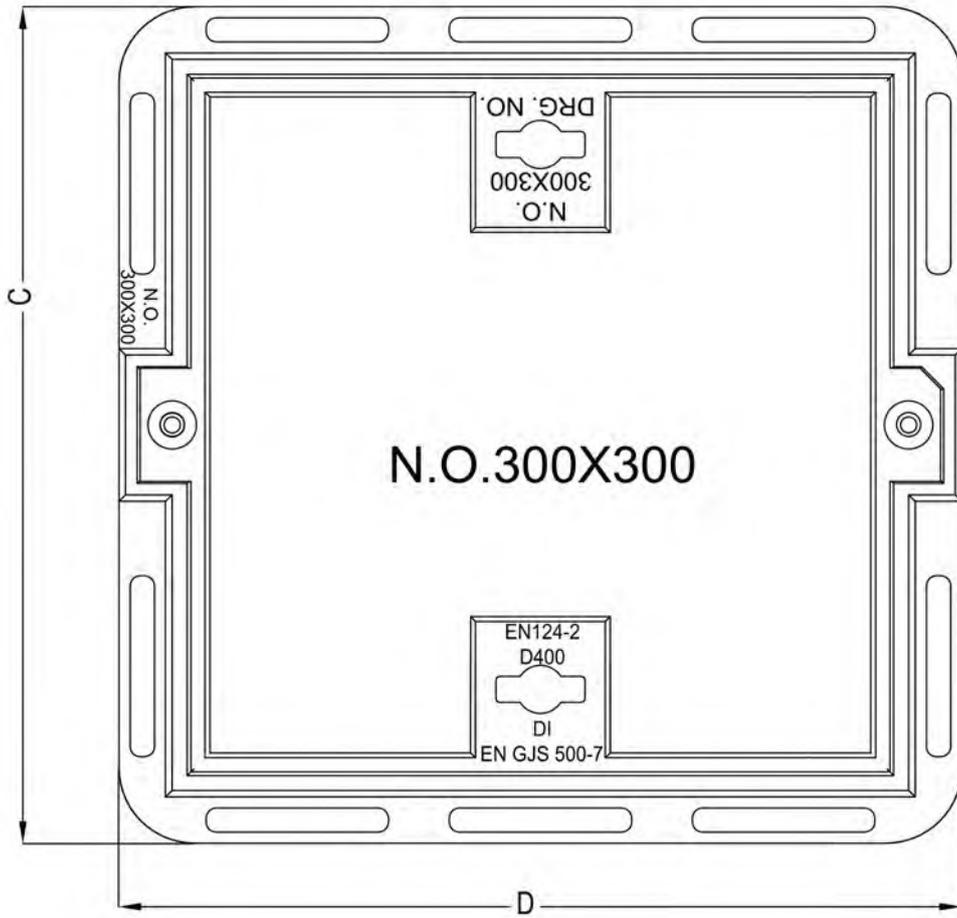




Sl	Clear Opening (mm)	Over Base (mm)	Height (mm)	Class	Features
1		290 X 290	44		Provides balance and stability of a mechanical system.
2		200 X 200	90		Provides balance and stability of a mechanical system.

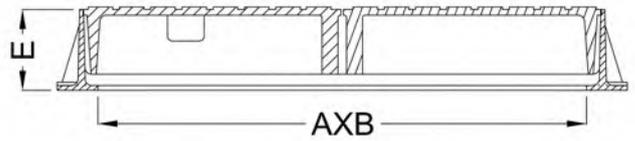
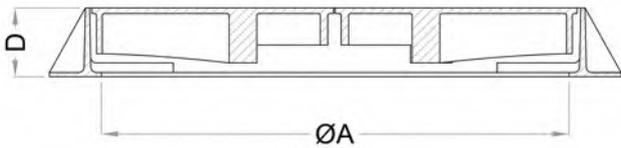
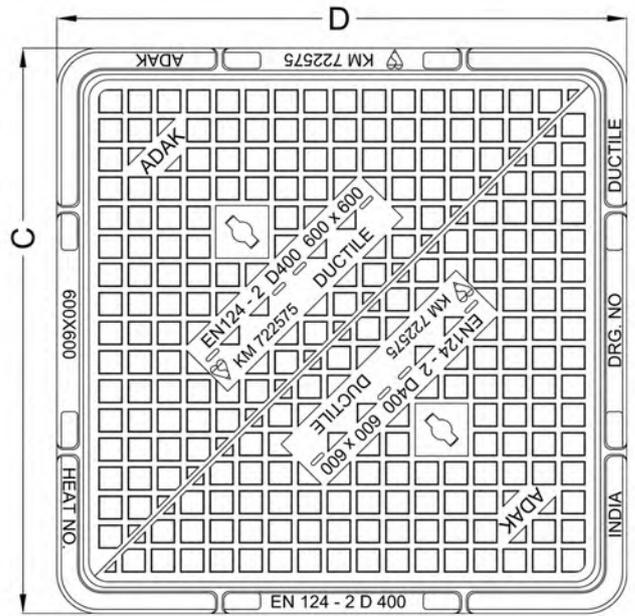
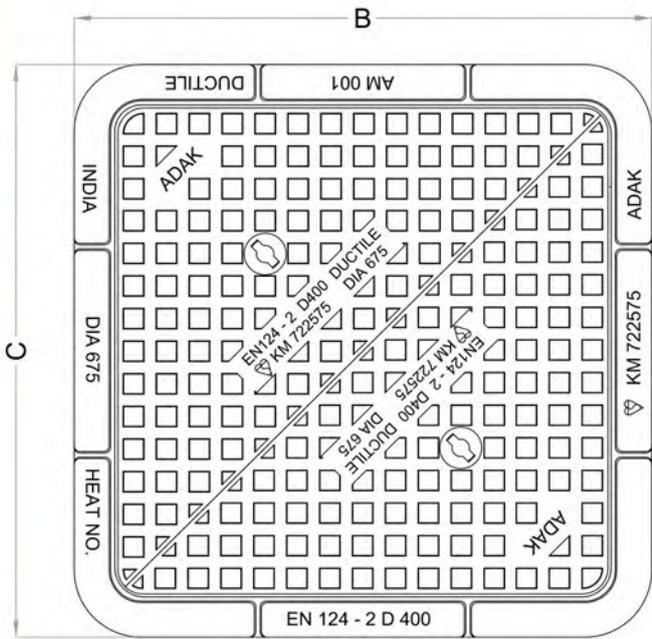
(Customized Marking option.)





Sl	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Rec. Ht. F (mm)	Class	Features
1	301 X 301	416 X 416	100	70	D400	Manufactures as per EN-124-2. Load achieved before concrete filling.

(Non rock design and block system by M10 screw option.)

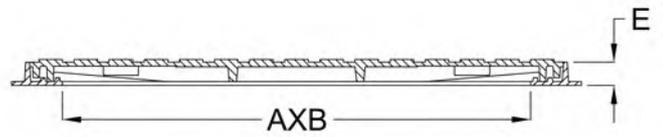
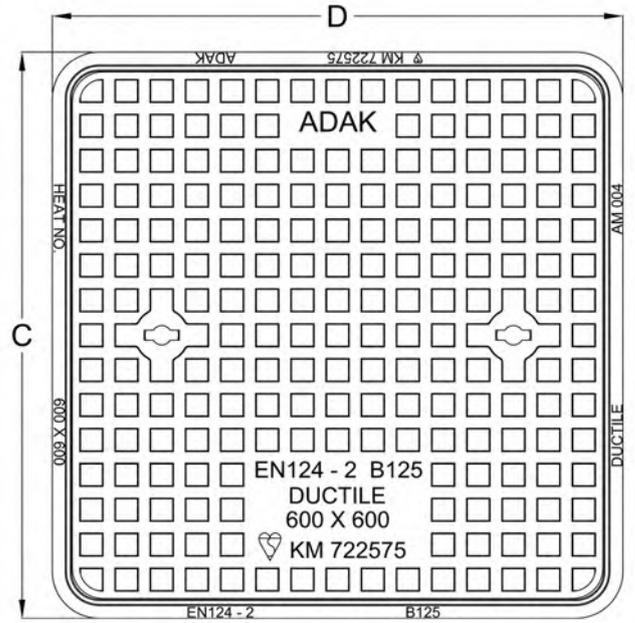
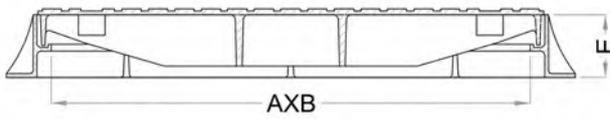
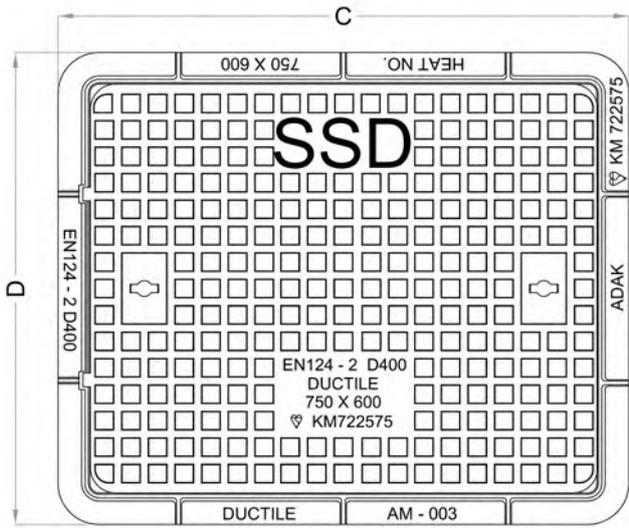


AM001

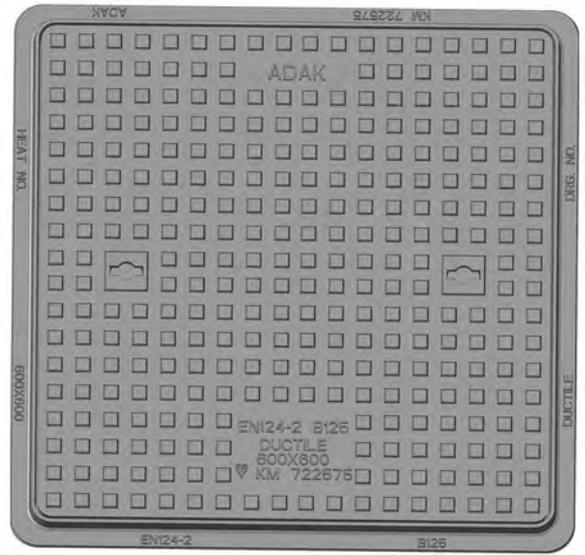
AM002

SI	Clear Opening (mm)	Over Base (mm)	Height (mm)	Class	Features
AM 001	675 (ΦA)	825 X 825 (BxC)	100 (D)	D400	Manufactures as per EN-124-2. Double Triangular Anti-skid checker design covers.
AM 002	600 X 600 (AxB)	700 X 700 (CxD)	100 (E)	D400	Manufactures as per EN-124-2. Double Triangular Anti-skid checker design covers.

(Bolting Cover to Frame option for better security.)



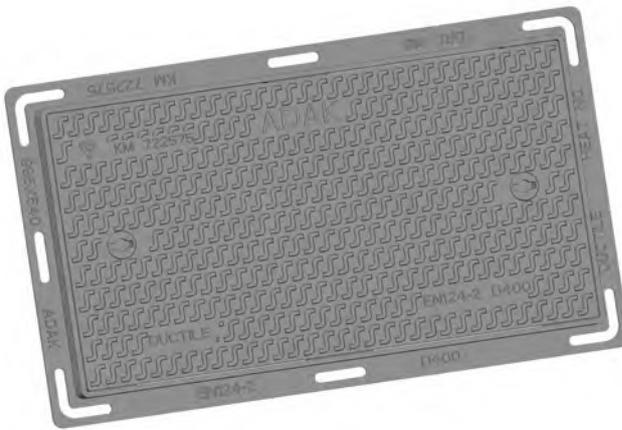
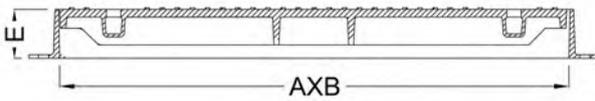
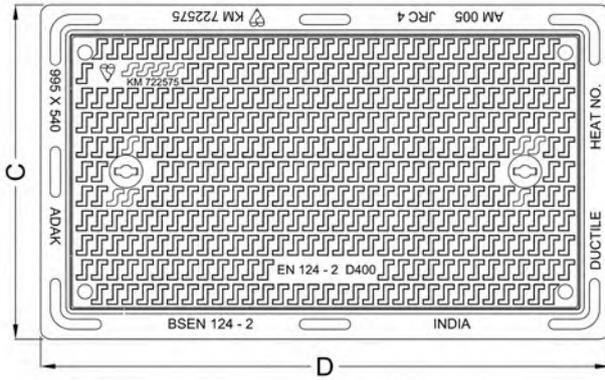
AM003



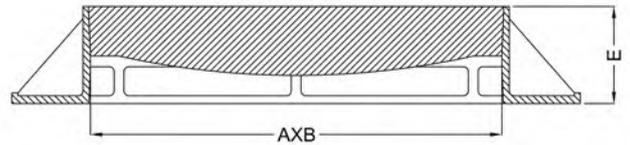
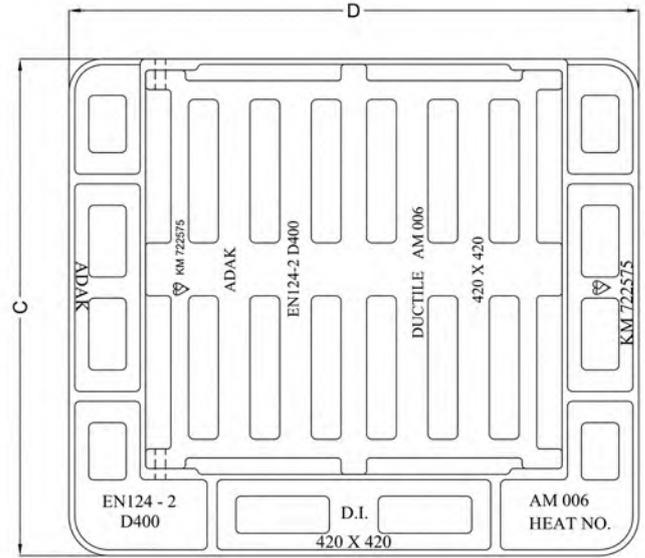
AM004

SI	Clear Opening AxB (mm)	Over Base CxD (mm)	Height E (mm)	Class	Features
AM 003	750 X 600	900 X 750	100	D400	Manufactures as per EN-124-2. Double Triangular Anti-skid checker design covers.
AM 004	600 X 600	730 X 730	30	B125	Manufactures as per EN-124-2. Double Triangular Anti-skid checker design covers.

(Customized Marking option available.)



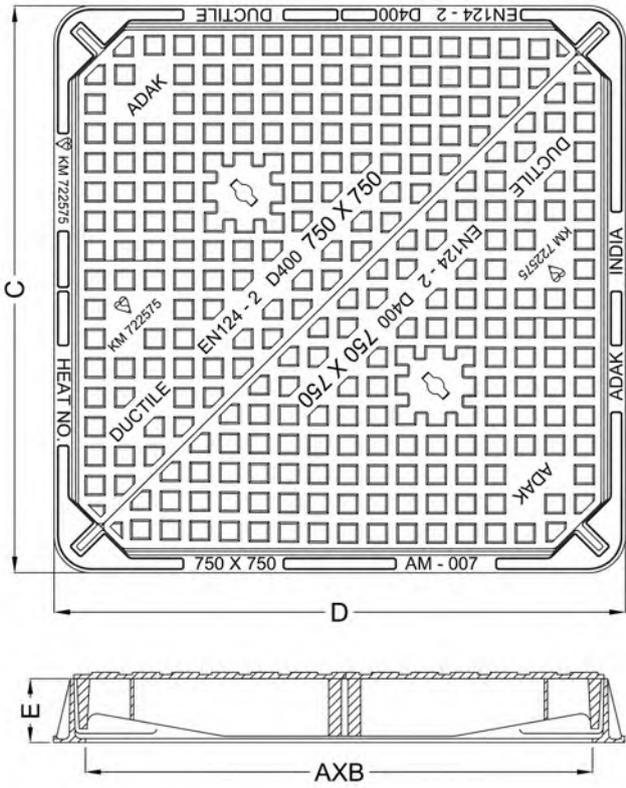
AM005*



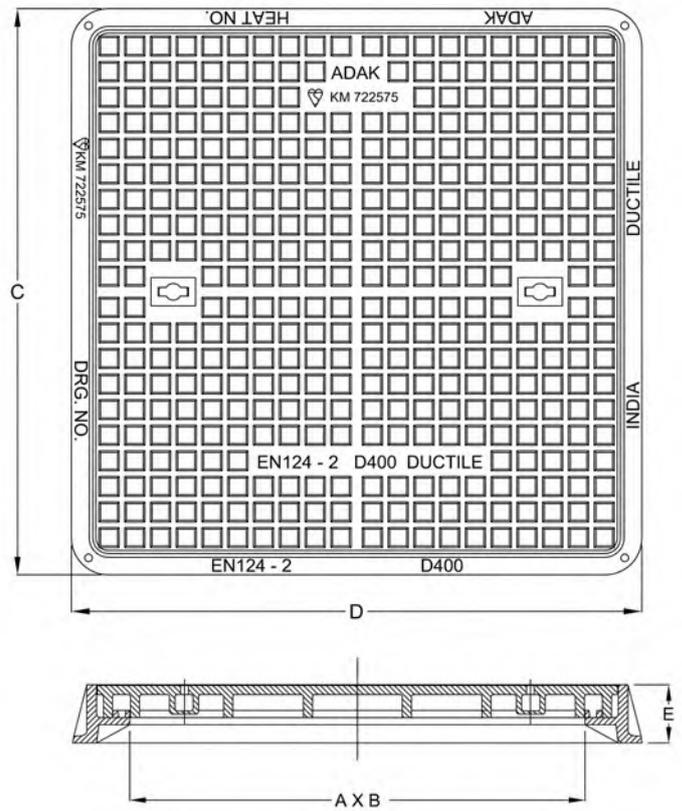
AM006

SI	Clear Opening AxB (mm)	Over Base CxD (mm)	Height E (mm)	Class	Features
AM 005	995 X 540	1115 X 660	100	D400	Manufactures as per EN-124-2. Double Triangular Anti-skid checker design covers.
AM 006	420 X 420	580 X 580	100	D400	Manufactures as per EN-124-2. Large open area for water drainage. Hinged for easy opening.

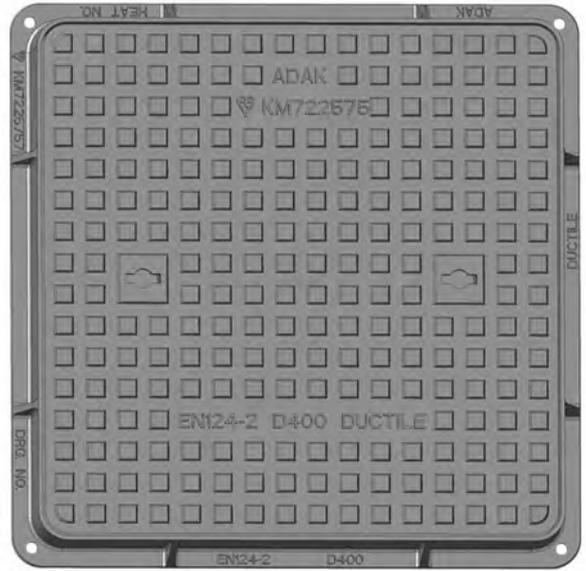
*(Inscription and block system by M10 screw.)



AM007*



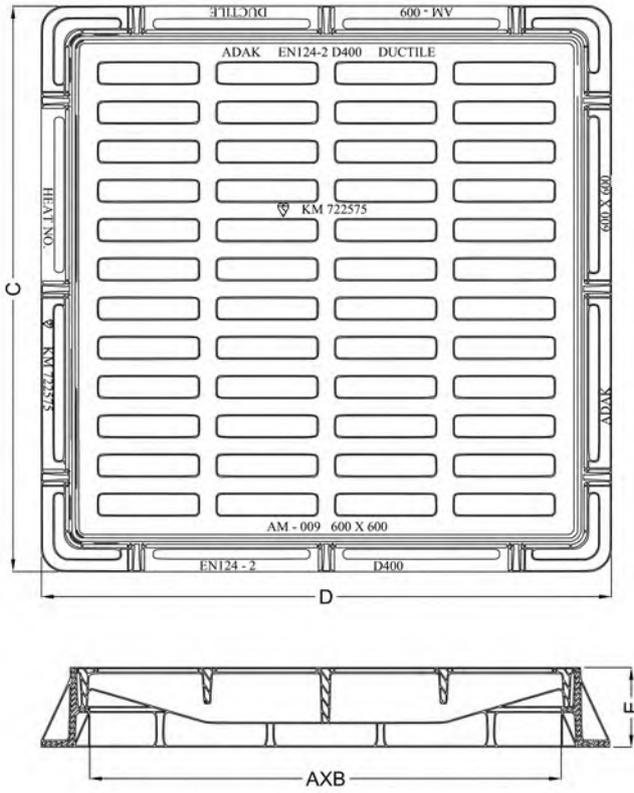
AM008+



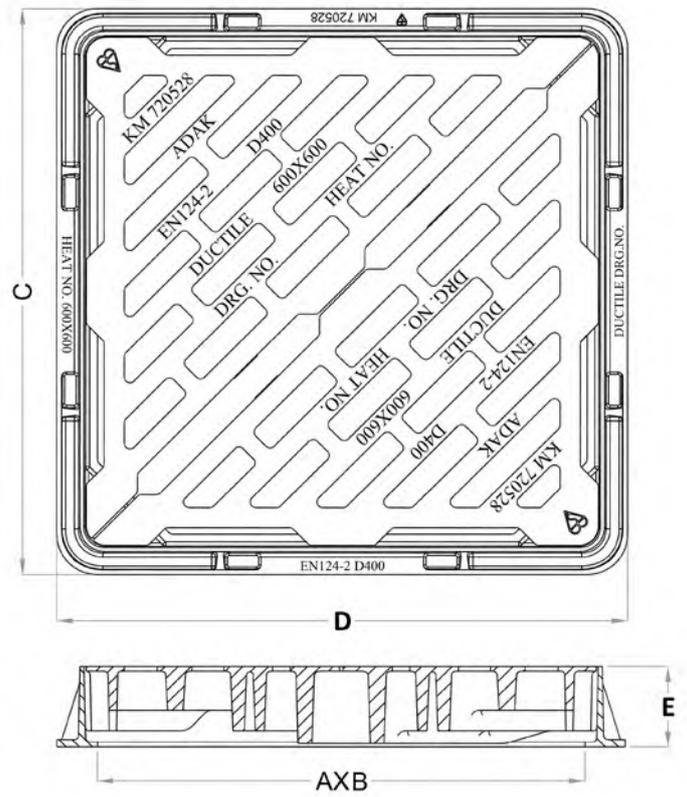
SI	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height E (mm)	Class	Features
AM 007	750 X 750	850 X 850	100	D400	Manufactures as per EN-124-2. Double Triangular Anti-skid checker design covers.
AM 008	600 X 600	770 X 770	90	D400	Manufactures as per EN-124-2. Double Triangular Anti-skid checker design covers.

*(Provision for bolting Cover to Frame for better security.)

+(Customized Marking option available.)



AM009

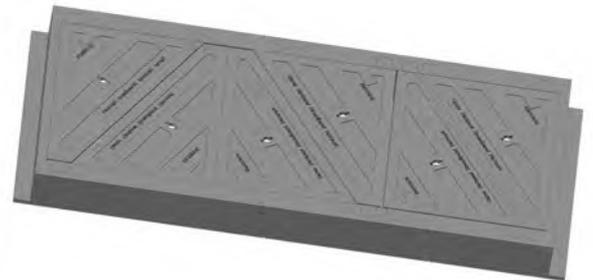
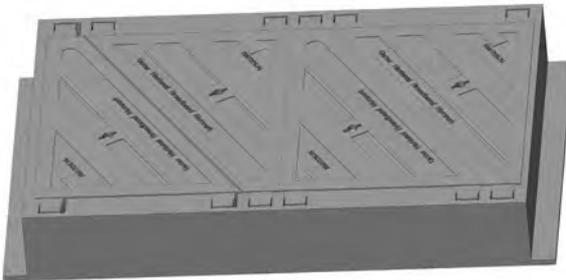
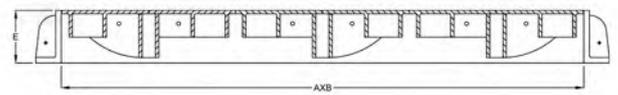
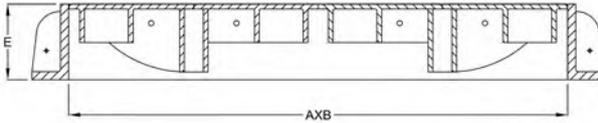
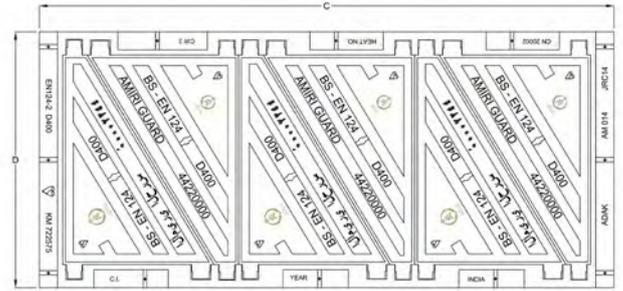
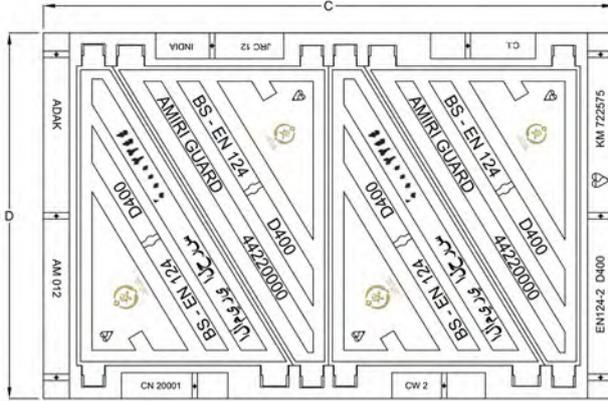


AM010*



SI	Clear Opening Ax B (mm)	Over Base C x D (mm)	Height E (mm)	Class	Features
AM 009	600 X 600	720 X 720	100	D400	Manufactures as per EN-124-2. Large open area for water drainage.
AM 010	600 X 600	700 X 700	100	D400	Manufactures as per EN-124-2. Double Triangular design grates. Large opening for water drainage.

*(Bolting Cover to Frame option for better security.)

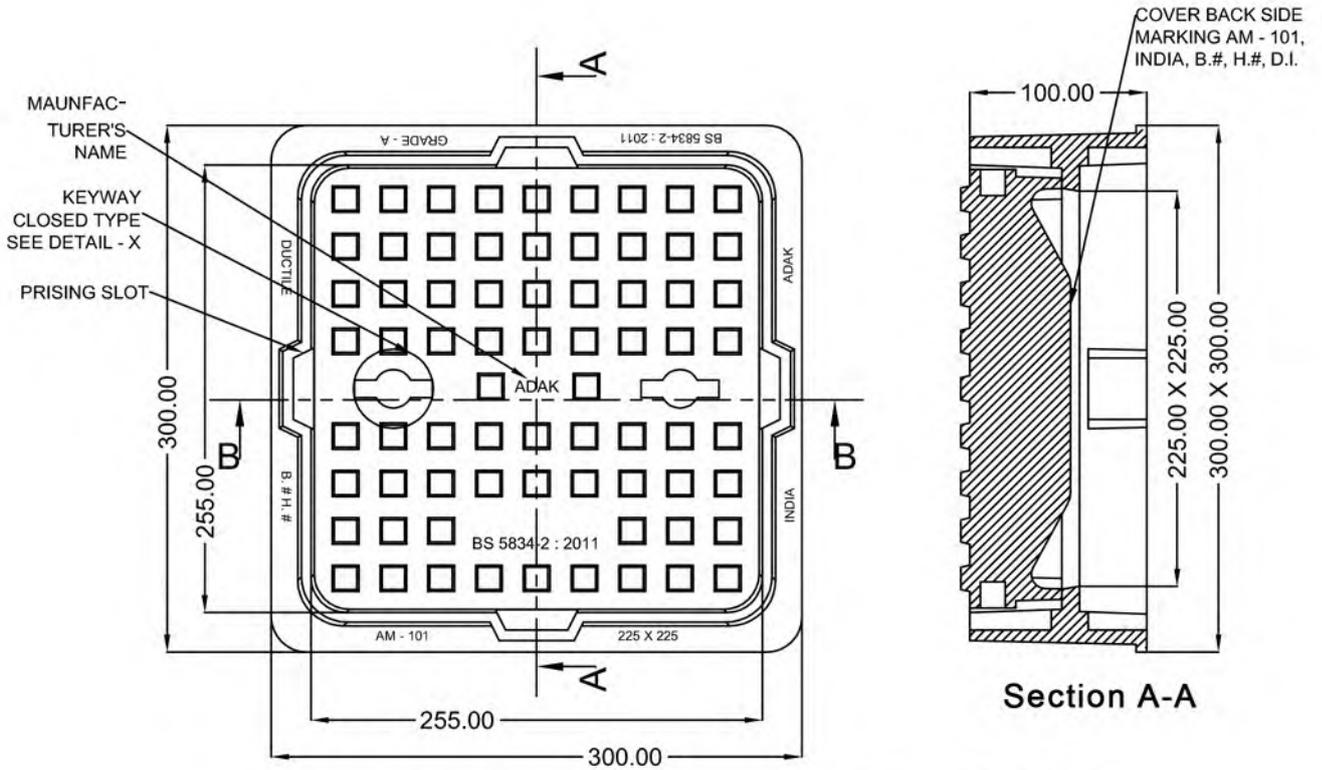


AM012

AM014

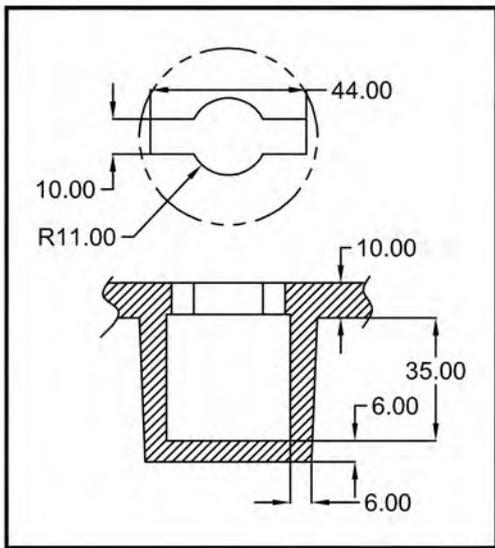
SI	Clear Opening AxB (mm)	Over Base CxD (mm)	Height E (mm)	Class	Features
AM 012	1220 X 696	1374 X 850	160	D400	Manufactures as per EN-124-2. Multiple cover for easy handling. Covers lugs fit securely into frame to ensure no movement in heavy heavy traffic condition.
AM 014	1830 X 696	1984 X 850	160	D400	Manufactures as per EN-124-2. Multiple cover for easy handling. Covers lugs fit securely into frame to ensure no movement in heavy heavy traffic condition.

(Customized Marking, Interlocked Covers, Provision for bolting Cover to Frame for better security and Safety grid provision options available.)



Section A-A

Section B-B

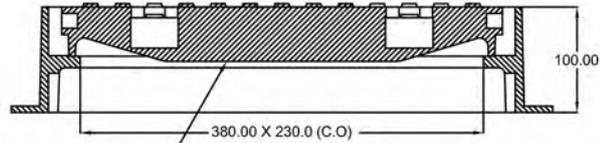
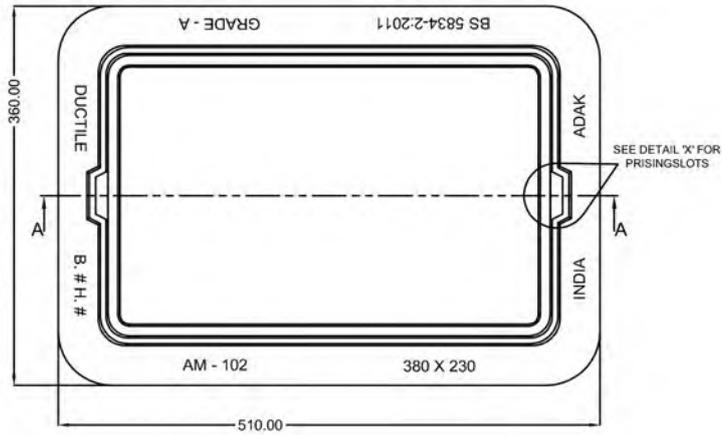
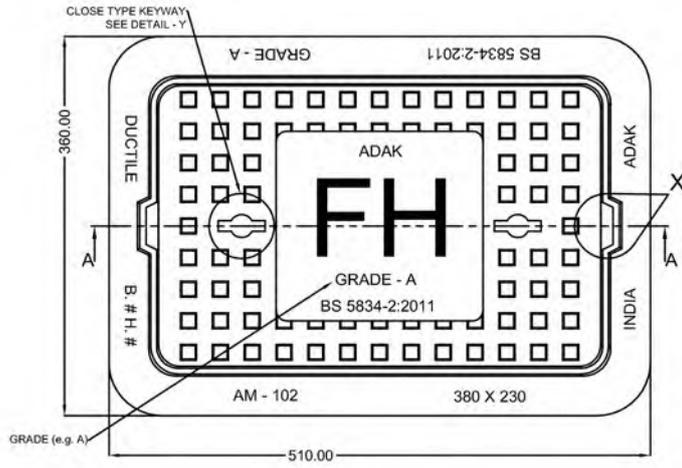


Detail - X



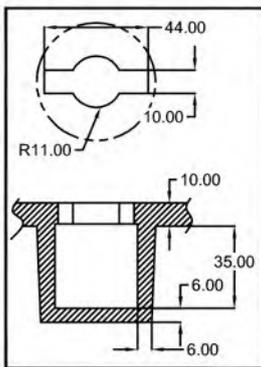
Sl	Clear Opening (mm)	Over Base (mm)	Height (mm)	Class	Features
1	225 X 225	300 X 300	100	Grade A	Manufactures as per BS 5834-2:2011. Anti-skid checker design covers.

(Customized marking option available.)

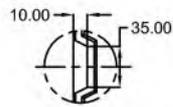


COVER BACK SIDE MARKING
AM - 102, INDIA, B.#, H.#, D.I.

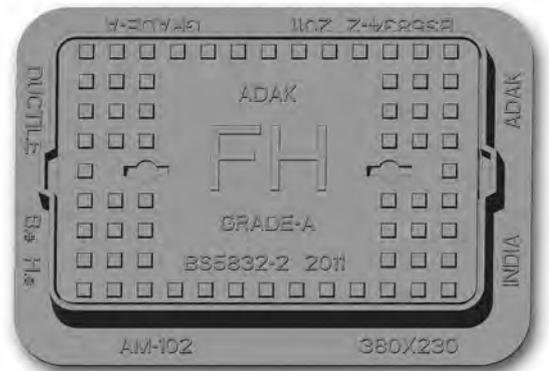
Section A-A



Detail - Y

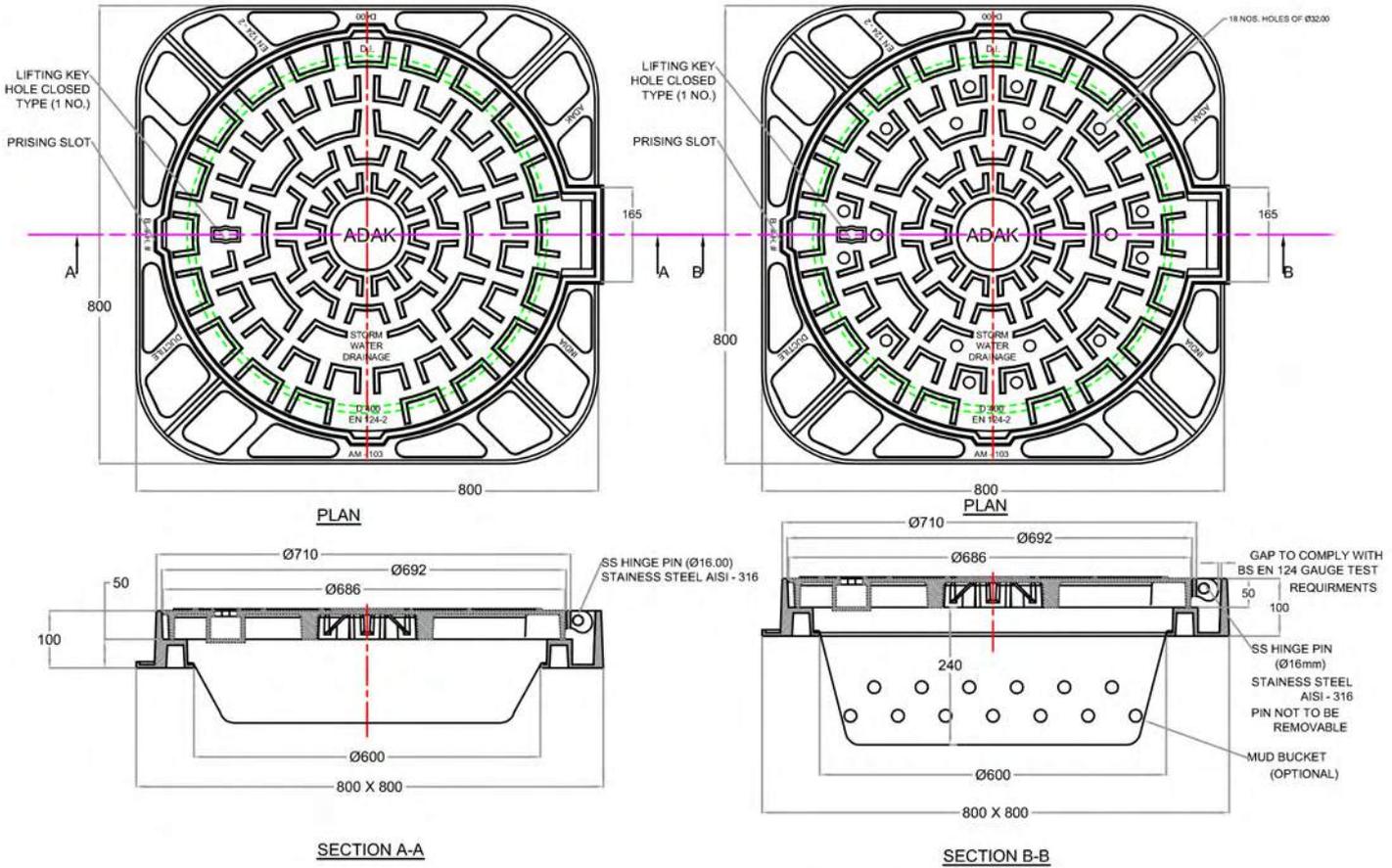


Detail - X



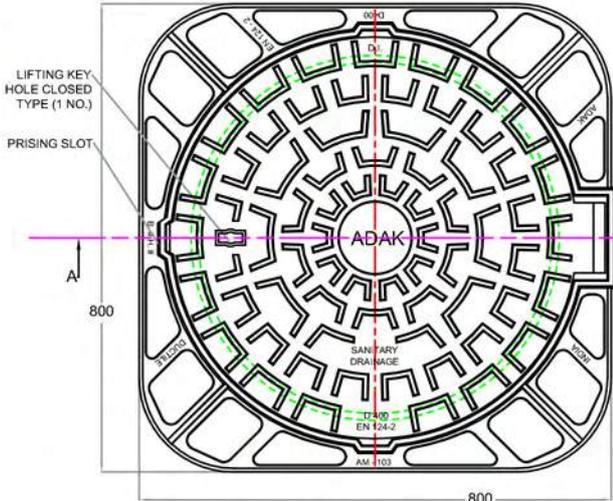
Sl	Clear Opening (mm)	Over Base (mm)	Height (mm)	Class	Features
1	380 X 230	510 X 360	100	Grade A	Manufactures as per BS 5834-2:2011. Anti-skid checker design covers.

(Customized marking option available.)

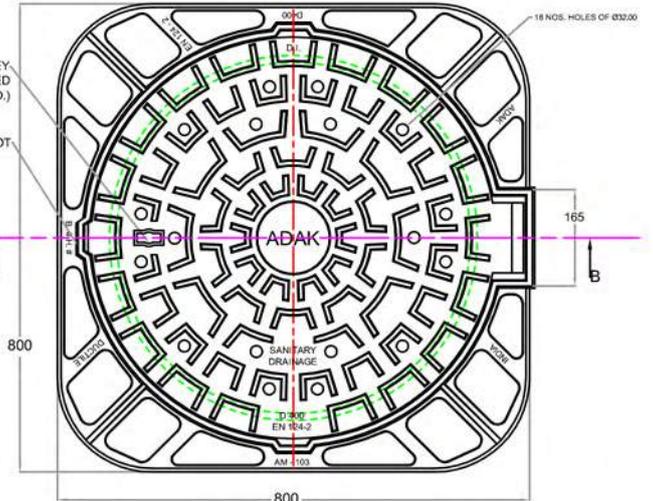


SI	Clear Opening (mm)	Over Base (mm)	Height (mm)	Class	Features
1	Φ 600	800 X 800	100	D400	Manufactures as per EN-124-2. Anti-skid checker design covers. Hinged Cover to open 120 degrees form horizontal for safety.

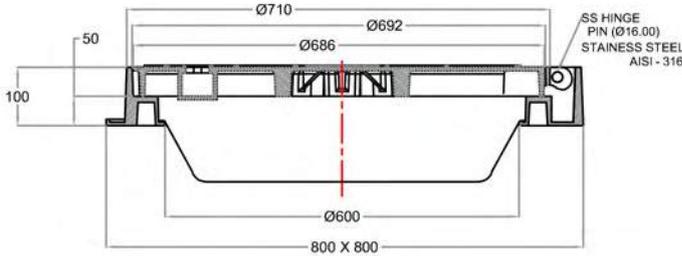
(Customized marking option available.)



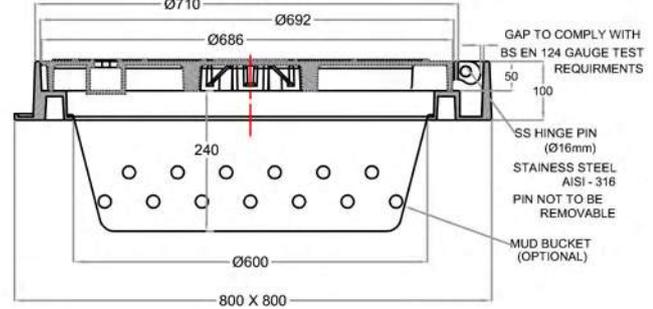
PLAN



PLAN



SECTION A-A

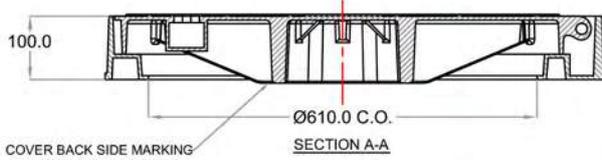


SECTION B-B



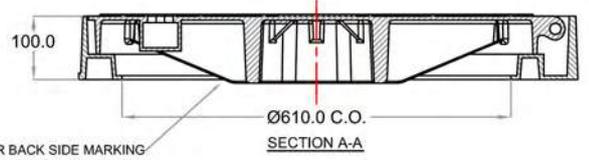
SI	Clear Opening (mm)	Over Base (mm)	Height (mm)	Class	Features
1	Φ 600	800 X 800	100	D400	Manufactures as per EN-124-2. Anti-skid checker design covers. Hinged Cover to open 120 degrees from horizontal for safety.

(Customized marking option available.)



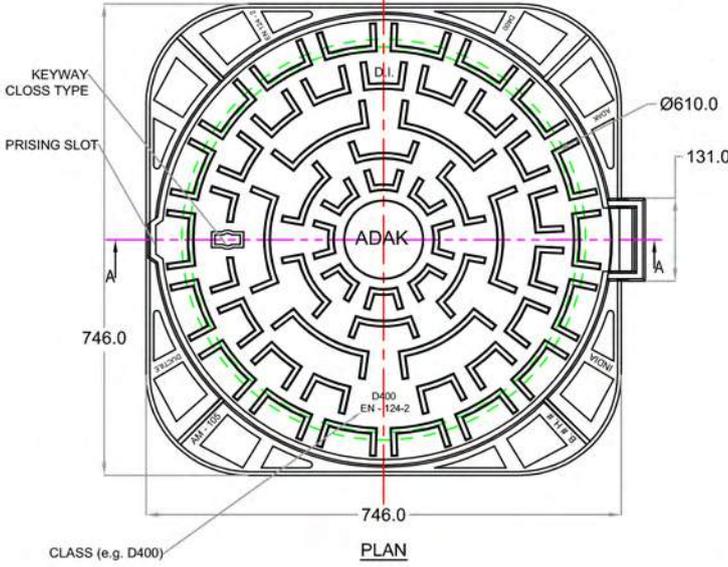
COVER BACK SIDE MARKING
AM - 105, INDIA, B.#, H.#, D.I.

SECTION A-A



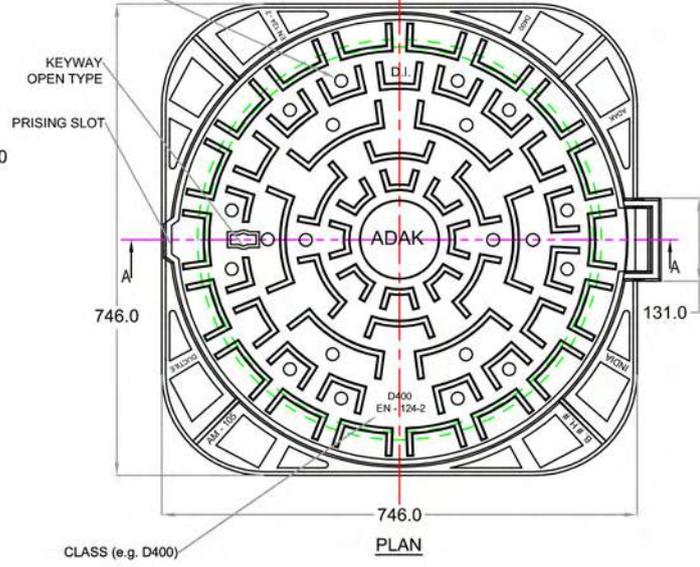
COVER BACK SIDE MARKING
AM - 105, INDIA, B.#, H.#, D.I.

SECTION A-A



CLASS (e.g. D400)

PLAN



CLASS (e.g. D400)

PLAN



Sl	Clear Opening (mm)	Over Base (mm)	Height (mm)	Class	Features
1	Φ 610	746 X 746	100	D400	Manufactures as per EN-124-2. Anti-skid checker design covers hinged to open 120 degrees from horizontal for safety.

(Customized marking option available.)



CERTIFICATES OF APPROVAL

Through our hard work and our enthusiasm for quality control to meet the demand in the international market, we have bagged the following certificates:

ISO 9001:2015

ISO 14001:2015

Kite Mark (KM-722575)

RITES Class A Foundry

Certificate IN18/05762

The management system of

Adak Metcast Engineers Pvt. Ltd.



Vill.+P.O.- Tulsiberia, P.S.- Rajapur, Howrah- 711401, West Bengal, India.

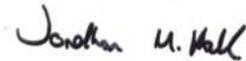
has been assessed and certified as meeting the requirements of
ISO 9001:2015

For the following activities

Manufacture and supply of Ferrous Casting Products

This certificate is valid from 03 September 2024 until 03 September 2027 and remains valid subject to satisfactory surveillance audits.

Issue 3. Certified since 31 August 2015



Authorised by

Jonathan Hall
Global Head - Certification
Services

SGS United Kingdom Ltd
Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN, UK
t +44 (0)151 350-6666 - www.sgs.com



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CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited
certifies that

ADAK METCAST ENGINEERS PRIVATE LIMITED
TULSIBERIA, P.S. ULUBERIA, HOWRAH
WEST BENGAL – 711401, India

has implemented Environmental Management System
in accordance with **ISO 14001:2015**
for the scope of

MANUFACTURE AND SUPPLY OF FERROUS CASTING PRODUCTS

The certificate is valid from **2024-04-06** until **2027-04-05**
Subject to successful completion of annual periodic audits

The present status of this certificate can be obtained through TÜV SUD website by scanning below QR code and by entering the certificate number (without spaces) on web page. Further clarifications regarding the status & scope of this certificate may be obtained by consulting the certification body at info.in@tuvsud.com

Certificate Registration No. **99 104 00573**

Date of Initial certification: **2018-04-06**

Issue Date: **2024-01-18 Rev. 00**

Rahul Kale
Head of Certification Body
of TÜV SÜD South Asia Private Limited,
Mumbai
Member of TÜV SÜD Group





Kitemark™ Certificate

This is to certify that:

Adak Metcast Engineers Private Limited
5th floor
4, G C Avenue
Kolkata - 13
India

Holds Certificate Number:

KM 722575

In respect of:

BS EN 124-2:2015

Gully tops and manhole tops for vehicular and pedestrian areas made of cast iron

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2020-07-17

Effective Date: 2024-07-17

Latest Issue: 2024-05-22

Expiry Date: 2027-07-16



Page: 1 of 5

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.



राइट्स लिमिटेड

(भारत सरकार का प्रतिष्ठान)

RITES LIMITED

(Schedule 'A' Navratna Enterprise of Govt. of India)

क्षेत्रीय निरीक्षण कार्यालय / Regional Inspection Office

पूर्व क्षेत्र, सेन्ट्रल स्टेशन बिल्डिंग (मेट्रो)

Eastern Region, Central Station Building (Metro)

56, सी. आर. एवेन्यु (तृतीय तल), कोलकाता -700 012

56, C. R. Avenue (3rd Floor), Kolkata - 700 012

दूरभाष / Phone : +91-33-2234-8665 / 8730 / 6177 / 8423

फैक्स / Fax : +91-33-2234-8704

No. QA/Regn/2024-25/ E24020137

Dated: 26.03.2024

M/s Adak Metcast Engineers Pvt. Ltd.	
Office Address	Work Address
4, Ganesh Chandra Avenue 5 th Floor, Kolkata-13 (W.B.) India.	Vill.+P. O. Tulsiberia, P. S.-Rajapur Howrah-711401 (W. B.) India. Email: works@adakmetcast.com Email: office@adakmetcast.com

Sub : Certification as Class A foundry, to IS 12117:1996 (Reaffirmed 2022).

Based on application for the certification of the foundry as Class A, in accordance with IS 12117:1996 (Reaffirmed 2022), a comprehensive quality audit of the foundry was conducted from **March 13, 2024, and March 16, 2024**. This audit evaluated the compliance of quality assurance, including personnel and equipment, for the certification.

After due verification and examination of conformity to the standard, the facilities of the firm **M/s Adak Metcast Engineers Pvt. Ltd. (Works)** are certified as a **Class A foundry, in compliance with IS 12117:1996 (Reaffirmed 2022)**.

Validity: 25.03.2025

(G.S.Manna)

Addl. General Manager(I)

Transforming to GREEN

कॉर्पोरेट कार्यालय: सुजन, प्लॉट नं. 144, सेक्टर - 44, गुरुग्राम - 122 003 (भारत), Corporate Office : Srijan, Plot No. 144, Sector-44, Gurugram-122 003 (India)

पंजीकृत कार्यालय: स्कोप मीनार, लक्ष्मी नगर, दिल्ली -110 092 (भारत), Registered Office : SCOPE Minar, Laxmi Nagar, Delhi-110 092 (India)

दूरभाष (Tel.): (0124) 2571666, फैक्स (Fax): (0124) 2571660, ई-मेल (E-mail): info@rites.com वेबसाइट (Website): www.rites.com

CIN: L74899DL1974GOI007227



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ADAK METCAST

ENGINEERS PRIVATE LIMITED

Manufacturer & Exporter of
Ductile Iron Castings
and
Grey Cast Iron Products

Office

4, Ganesh Chandra Avenue,
5th floor, Kolkata - 700013,
West Bengal, India.

Works

Village & Post Office: Tulsiberia;
Police Station: Rajapur; District: Howrah;
PIN - 711401, West Bengal, India.

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