

SFL
SEKSARIA
FOUNDRIES
LIMITED

► **Seksaria Foundries Limited**

Exporters of Cast Iron & Ductile Castings
as per International Standards

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Cast & Ductile Iron

Seksaria Foundries Limited

Exporters of Cast Iron & Ductile Castings
as per International Standards

Profile

Seksaria Foundries Limited is a manufacturer of quality Grey Iron and Ductile Iron casting for the global market. Based in Kolkata, India, its products, include Manhole Covers, Catch Basins, Gully Grates, Valve Boxes, Rain Water Pipes, Decoratives and more. They adhere and surpass the highest international benchmarks of quality.

Seksaria Foundries Limited is part of the **Seksaria Group**, which have their own foundry for both Cast Iron & Ductile Iron Castings, since inception about 50 years ago, and also has a much admired legacy of trust and performance in India's foundry industry.

Every casting produced in our unit is thoroughly inspected by a team of experienced and qualified technicians to maintain the high consistency in quality. The diverse product-mix is available across several designs and various weights (5kg to 1000kg) and conforms to **BS497, ASTM, EN124, COPRO and DIN** specifications. The portfolio can be further customized and expanded to your requirement.

Over the years, **Seksaria Group** has worked for some of the most reputed industrial houses in USA, Canada, Belgium, Germany, New Zealand, Kenya, Uganda, South Africa, Oman, UAE, Qatar, Bahrain, Saudi Arabia and other parts of the world. It can deliver the same quality and output to you as well.

To know more about **Seksaria Foundries Limited**, communicate with Mr. Ravi Seksaria.

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Cast Iron

Installation

Although cast iron is a fairly rigid material, large size cast iron frames are not by themselves completely rigid. It is essential, therefore that frames are properly levelled during installation, to prevent rocking and also the lateral movement of the frame. Fixing instructions are provided with some designs and these should always be followed, Especially In case of water tight and more particularly pressure tight designs. It must be remembered that unless care is taken in the choice and application of the bedding medium for the frame sections, water penetration of the bedding may result thus defeating the purpose of application of the product

Weight

The weights stated in the tables are approximate and given for guidance only.

Interchangeability

Cast iron manhole Covers and frames and gully grates and frames : Although batches of castings are manufactured from the same pattern, it does not follow that covers or grates will be interchangeable.

Protective Coating

All Castings and frames supplied are coated with black bituminous paint, unless specified otherwise. This coating is in accordance with BS497-76 requirements.

Where hot spelter galvanising or zinc spray coating is required, this should be clearly stated in enquiries and orders.

Surface finish

All solid top cast iron covers are manufactured with a non-slip surface to provide adequate grip, the design of which may vary according to pattern in use.

Lettering

Provision is made for covers to be lettered to identify services etc, e.g. telephone, sewer, drain water etc. Special lettering can be cast on request.

Test Certificates

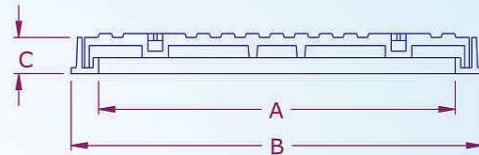
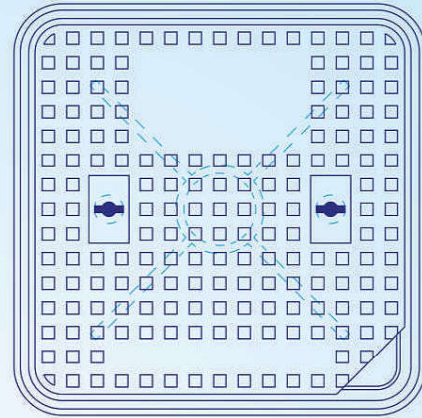
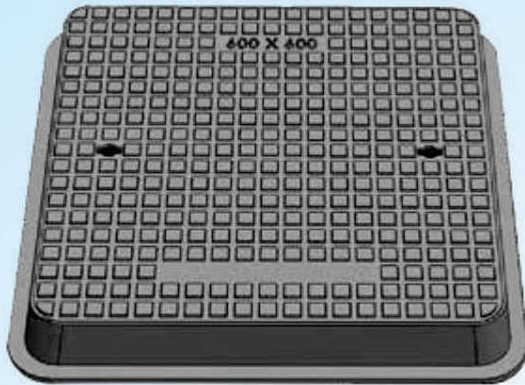
Can be supplied against special request.

Note

We can produce any type of grey cast iron castings as per customer's drawing and specifications, other than the design as shown in the catalogue, upto 10000 kg single piece.

Cast
Iron

Single Seal Manhole Cover



Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame C (mm)	Approx Wt. (kgs)	Grade.
C - 100	300 X 300	370 X 370	23	8	C
C - 101	300 X 300	366 X 366	40	11	C
C - 102	300 X 300	378 X 378	41	13	C
C - 103	300 X 300	375 X 375	43	18	C
C - 104	450 X 450	540 X 540	22	26	C
C - 105	600 X 600	680 X 680	30	32	C
C - 106	600 X 600	690 X 690	42	42	C
C - 107	900 X 600	1050 X 760	100	220	C
C - 108	700 X 700	795 X 795	45	70	C
C - 109	800 X 800	920 X 920	45	100	C
C - 110	900 x 900	1030 X 1030	45	135	C

We reserve the right to make changes towards improvement of products

KAJ

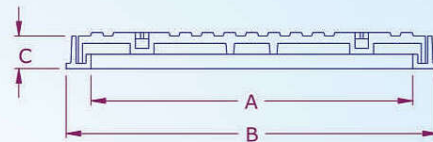
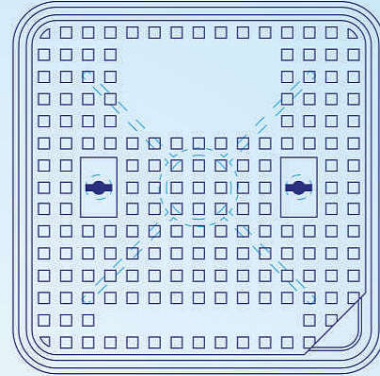


BS-EN 124



Double Seal Manhole Cover

Cast
Iron



Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame C (mm)	Approx Wt. (kgs)	Grade.
C - 120	300 X 300	438 X 438	37	20	C
C - 121	300 X 300	440 X 440	40	28	B
C - 122	300 X 300	454 X 454	75	45	A
C - 123	450 X 450	600 X 600	42	36	C
C - 124	450 X 450	600 X 600	42	45	C
C - 125	450 X 450	615 X 615	75	80	B
C - 126	600 X 600	770 X 770	40	50	C
C - 127	600 X 600	770 X 770	40	60	C
C - 128	600 X 600	750 X 750	70	70	C
C - 129	600 X 600	804 X 804	81	100	B
C - 130	600 X 600	805 X 805	82	120	B
C - 131	600 X 600	883 X 883	100	200	A
C - 132	750 X 750	920 X 920	46	110	C
C - 133	800 X 800	1000 X 1000	40	140	C
C - 134	900 x 900	1063 X 1063	75	190	C
C - 135	900 x 600	1055 X 760	54	125	C

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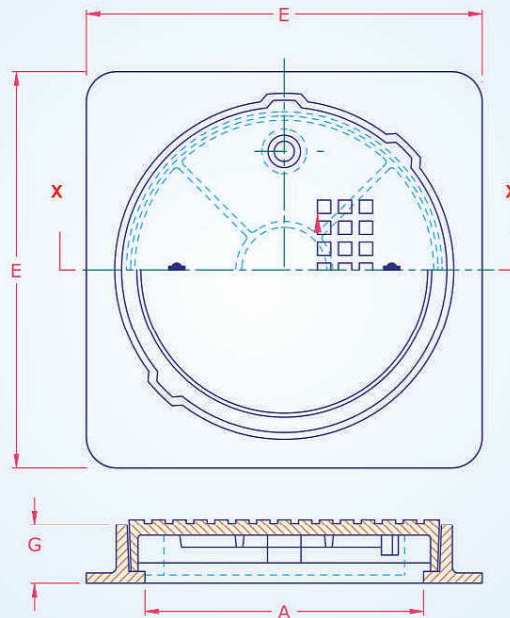
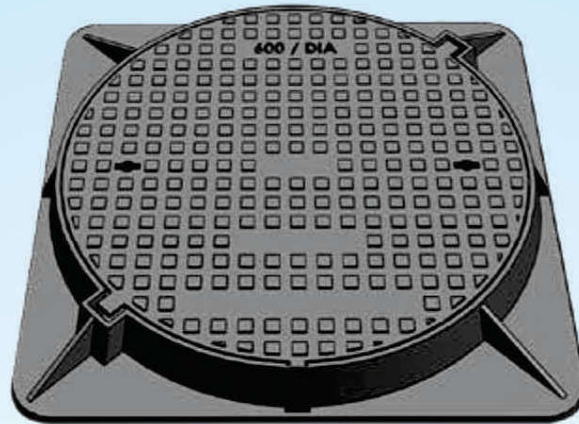


BS-EN 124



Cast
Iron

Round Cover & Square Frame



Dwg. No.	Clear Opening A (mm)	Over Base E (mm)	Height of Frame G (mm)	Approx Wt. (kgs)	Grade.
C - 140	560	760 X 760	100	120	B
C - 141	915	1270 X 1270	140	450	A
C - 142	600	780 X 780	100	160	B
C - 143	600	780 X 780	100	190	A
C - 144	600	800 X 800	100	200	A
C - 145	600	760 X 760	100	150	B

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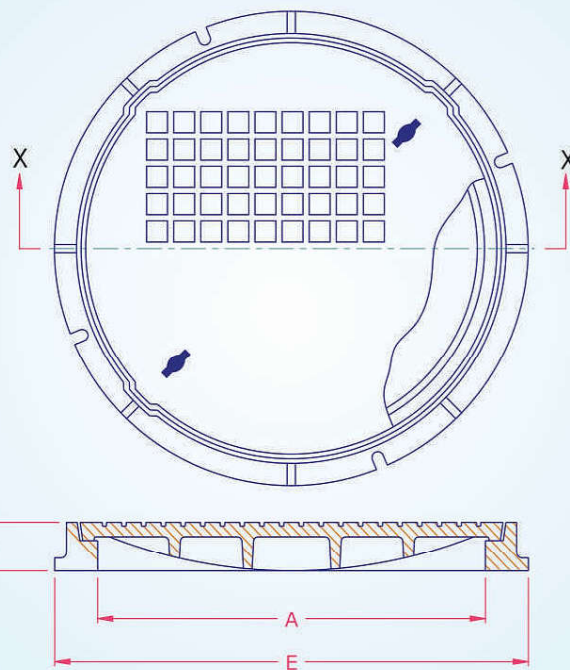
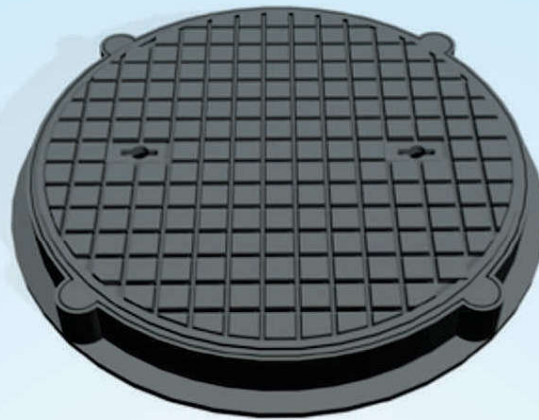


BS-EN 124



Circular Cover & Frame

Cast
Iron



Dwg. No.	Clear Opening A (mm)	Over Base E (mm)	Height of Frame G (mm)	Approx Wt. (kgs)	Grade.
C - 150	600	740	90	90	C
C - 151	600	730	90	90	C
C - 152	600	850	180	250	A
C - 153	600	810	150	200	A
C - 154	690	880	250	250	A

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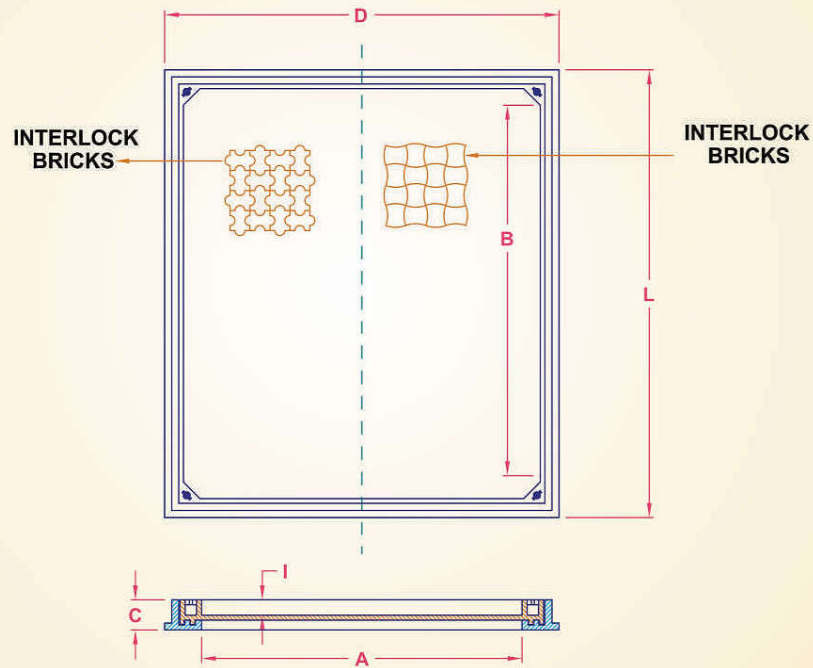


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Cast
Iron

Recessed Cover & Frame - Interlock



Dwg. No.	Clear Opening A (mm)	Over Base D (mm)	Depth of Cover l (mm)	Approx Wt. (kgs)	Grade.	SEAL
C - 160	300 X 300	430 X 430	70	35	C	D/SEAL
C - 161	450 X 450	590 X 590	70	55	C	D/SEAL
C - 162	600 X 600	750 X 750	70	80	C	D/SEAL
C - 163	600 X 600	770 X 770	70	100	B	D/SEAL
C - 164	600 X 600	772 X 772	70	140	A	D/SEAL

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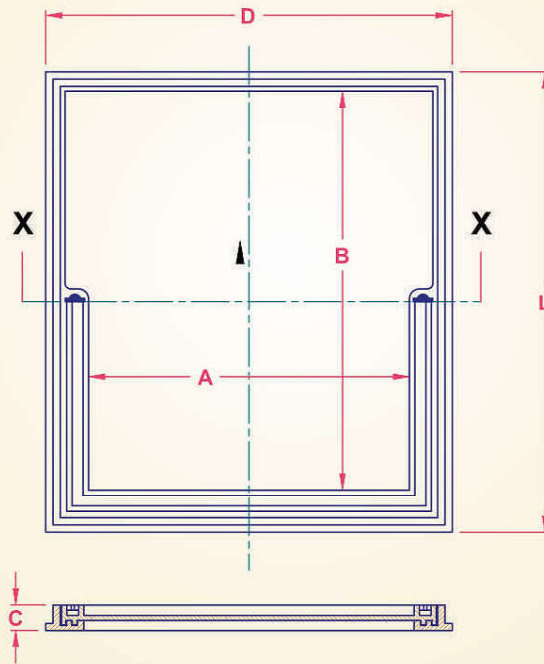


BS-EN 124



Recessed Cover & Frame - Tiles

Cast
Iron



Dwg. No.	Clear Opening A (mm)	Over Base D (mm)	Depth of Cover l (mm)	Approx Wt. (kgs)	Grade.	SEAL
C - 170	300 X 300	433 X 433	50	25	B	D/SEAL
C - 171	450 X 450	590 X 590	40	45	C	S/SEAL
C - 172	450 X 450	580 X 580	40	50	C	D/SEAL
C - 173	600 X 600	745 X 745	35	60	C	D/SEAL
C - 174	600 X 600	765 X 765	62	108	B	D/SEAL

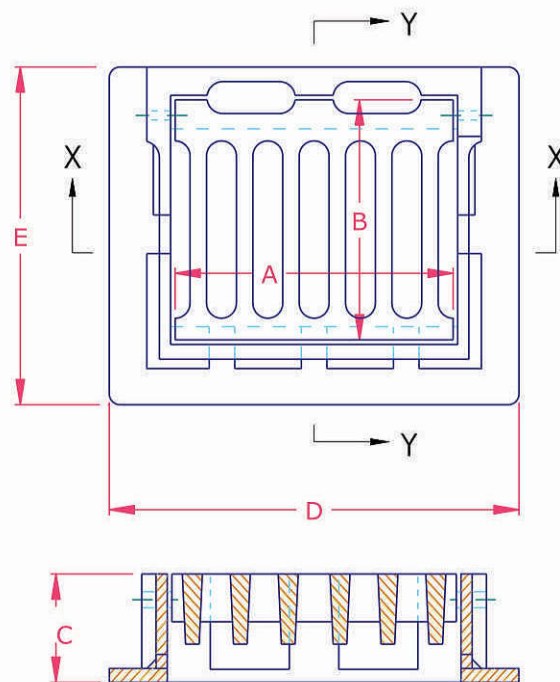
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BS-EN 124



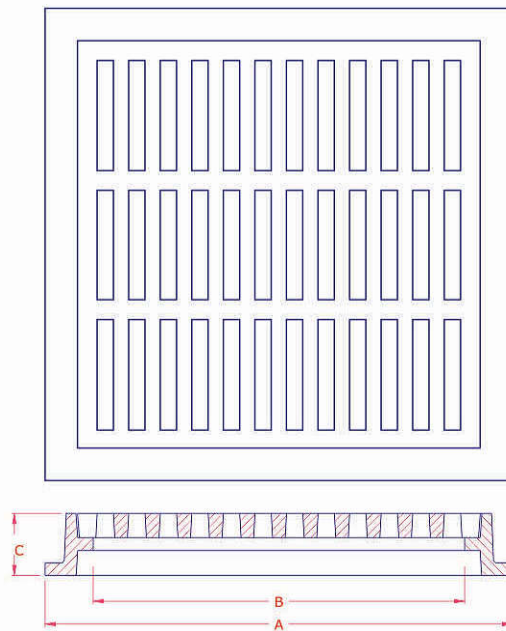


Dwg. No.	Clear Opening A X B (mm)	Over Base D X E (mm)	Height of Frame C (mm)	Approx Wt. (kgs)	Grade.
C - 180	400 X 350	560 X 430	100	43	B
C - 181	400 X 350	556 X 430	100	55	A
C - 182	400 X 350	560 X 430	150	70	A
C - 183	500 X 350	660 X 430	100	60	B
C - 184	500 X 350	665 X 430	100	70	A
C - 185	500 X 350	660 X 430	150	80	A
C - 186	450 X 450	590 X 520	100	80	A

We reserve the right to make changes towards improvement of products

Catch Basin

Cast
Iron



Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame C (mm)	Approx Wt. (kgs)	Grade.	No. of Slots
C - 190	300 X 300	405 X 430	70	27	C	1
C - 191	600 X 600	750 X 750	65	75	C	2
C - 192	600 X 600	750 X 750	80	100	B	2
C - 193	300 X 300	500 X 500	100	50	A	3
C - 194	450X450	650 X 650	100	80	C	3
C - 195	600 X 600	800 X 800	100	120	A	3

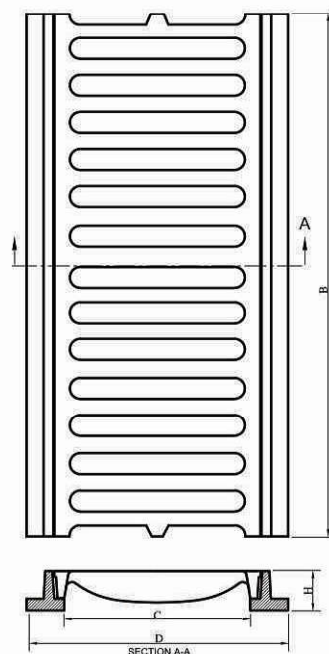
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BS-EN 124



Cast Iron



Dwg. No.	Length A	Width C	Height B	Grade	Wt.
C - 200	600	200	20	C	24
C - 201	600	300	40	B	38
C - 202	750	200	30	B	35
C - 203	750	250	30	B	38
C - 204	750	300	25	B	45
C - 205	750	300	45	A	62

We reserve the right to make changes towards improvement of products

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BS-EN 124



Ductile Iron

Ductile Iron

Spheroidal graphite or ductile iron is a unique form of iron which, prior to the metal casting process, receives special treatment with magnesium to produce an exceptionally strong, impact resistant and durable metal providing a safer, high performance solution for road castings.

The micro structure of conventional grey iron of thin "flakes" of graphite results in low tensile strength and poor resistance to localised impact.

Advantage of DUCTILE IRON

Ductile iron's high strength to weight ratio allows the manufacture of lightweight castings - offering up to 50% weight savings over traditional grey iron equipments.

Lightweight castings offer cost benefits, from transportation to installation, providing ease of handling and reducing the risk of injury when lifting during service.

Ductile iron's inherent properties of high tensile strength and resistance to impact allow the waterway area of gully grates to be evenly distributed over the surface of the gratings without losing structural strength. This provides improved drainage efficiency, particularly in the critical 90mm area closest to the kerb.

Benefits of DUCTILE IRON

The high strength of ductile iron minimizes the risk of failure during normal usage, offers exceptional resistance to impact in-situ, and reduces the likelihood of losses through breakage in transit and loading.

The light weight of Ductile Iron also allows fast access to services during maintenance.



Footways and areas accessible only to pedestrians & pedal cyclists



Footways that can be mounted by vehicle or livestock and light tractor paths



Malls and pedestrian areas open to slow moving commercial vehicles



General docks and aircraft pavements



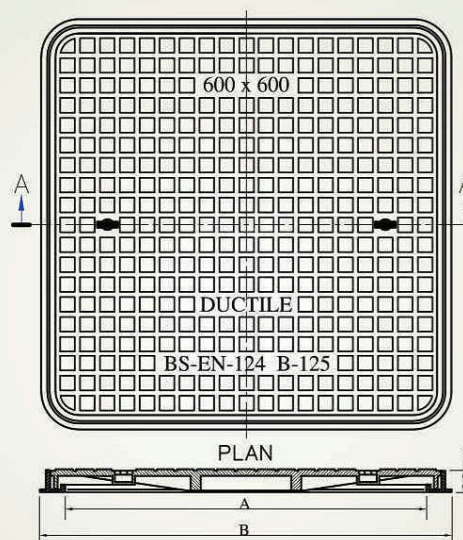
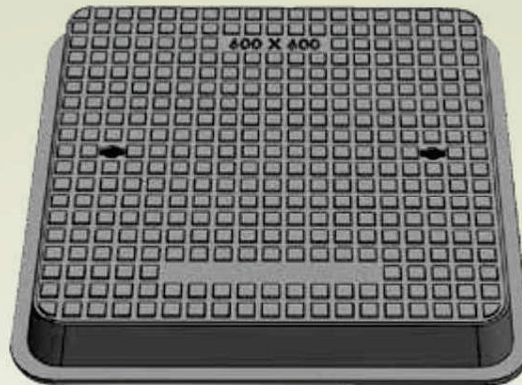
Docks and aircraft pavements subject to high wheel loads



Docks and aircraft pavements subject to very high wheel loads

Ductile
Iron

Single Seal Manhole Cover



Features

- Standard : BS EN 124
- Anti Skid Design
- Bitumen Coated
- Grade 500/7

Option

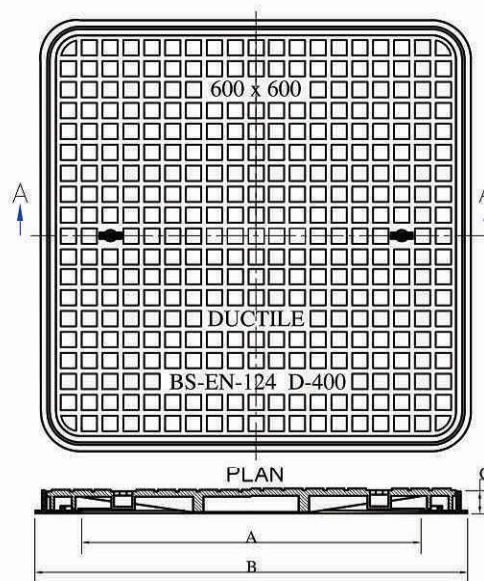
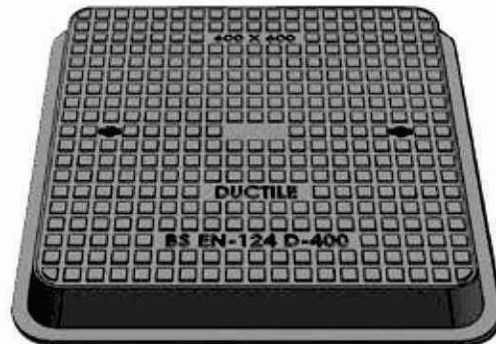
- Epoxy Coat Paint
- Badging as required
- GRP Plate

Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame C (mm)	Class
D - 100	300x300	375x375	40	C-250
D - 101	450x450	530x530	30	B-125
D - 102	600x600	687x687	30	A-15
D - 103	600x600	750x750	45	B-125
D - 104	600x600	740x740	100	D-400
D - 105	750x600	855x700	75	B-125
D - 106	800x800	920x920	45	B-125
D - 107	300x300	375x375	25	B-125
D - 108	900x900	1020x1020	45	A-15

We reserve the right to make changes towards improvement of products

Double Seal Manhole Cover

Ductile
Iron



Features

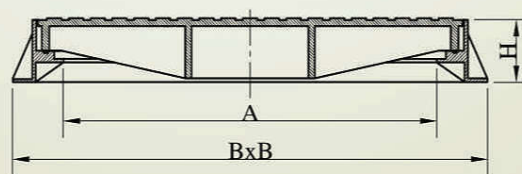
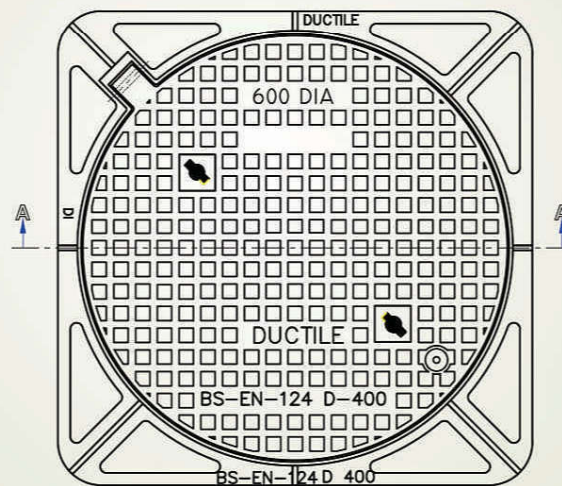
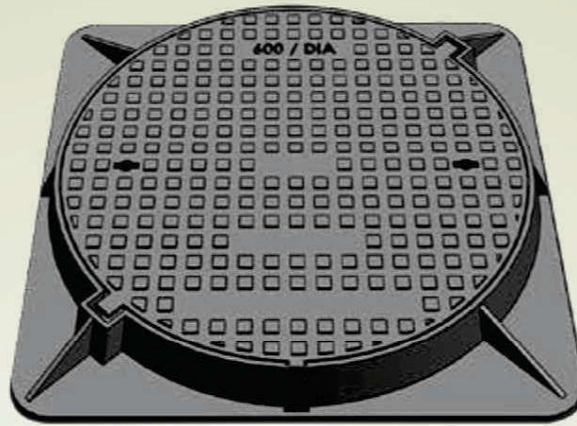
- Standard : BS EN 124
- Anti Skid Design
- Bitumen Coated
- Grade 500/7

Option

- Epoxy Coat Paint
- Badging as required
- GRP Plate

Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame C (mm)	Class
D - 200	300x300	380x380	25	C-250
D - 201	300x300	475x475	75	D-400
D - 202	450x450	605x605	40	B-125
D - 203	450x450	605x605	42	C-250
D - 204	450x450	620x620	75	D-400
D - 205	600x600	770x770	45	B-125
D - 206	600x600	750x750	55	C-250
D - 207	600x600	800x800	75	D-400
D - 208	300x300	385x385	40	B125

We reserve the right to make changes towards improvement of products



Features

- Standard : BS EN 124
- Anti Skid Design
- Bitumen Coated
- Grade 500/7

Option

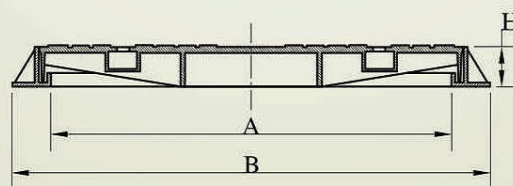
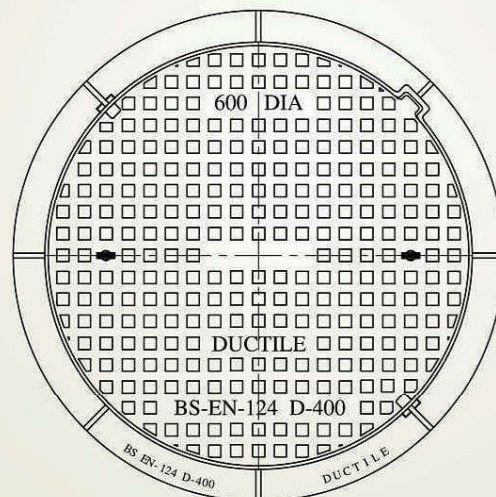
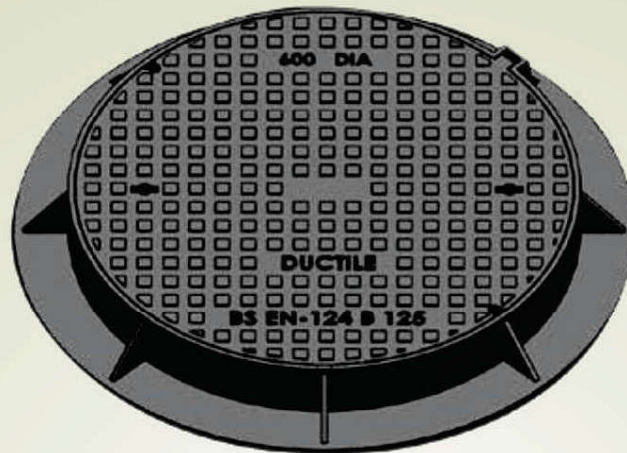
- Epoxy Coat Paint
- Badging as required
- GRP Plate

Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame H (mm)	Class
D - 500	600	765 x 765	100	D 400
D - 501	675	820 x 820	100	D 400

We reserve the right to make changes towards improvement of products

Double Seal Manhole Cover

Ductile
Iron



Features

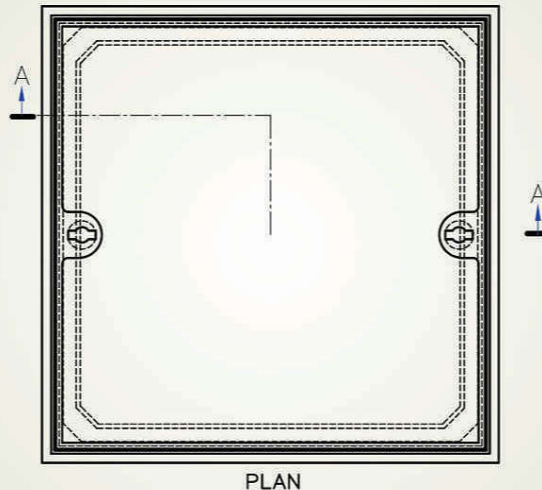
- Standard : BS EN 124
- Anti Skid Design
- Bitumen Coated
- Grade 500/7

Option

- Epoxy Coat Paint
- Badging as required
- GRP Plate

Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame C (mm)	Class
D - 505	600	750	100	D-400

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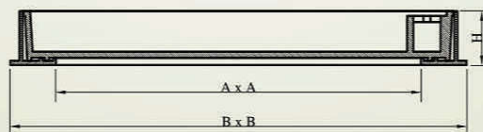


Features

- Standard : BS EN 124
- Bitumen Coated
- Grade 500/7

Option

- Epoxy Coat Paint
- Badging as required
- GRP Plate

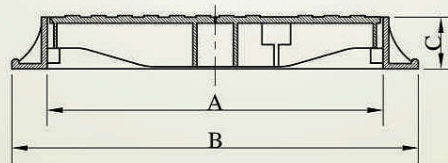
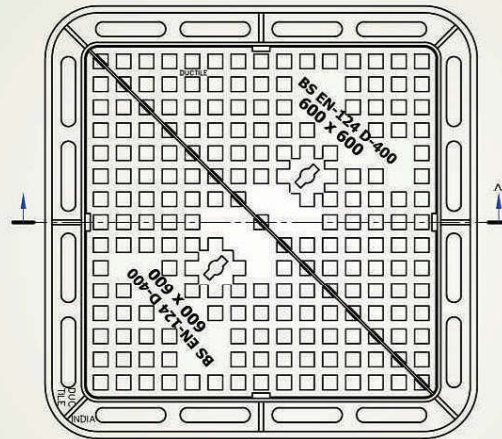
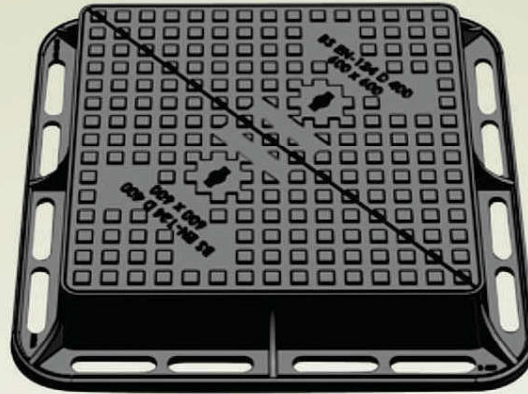


Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame H (mm)	Depth of Cover (mm)	Class
D - 300	300x300	450x450	90	70	C-250
D - 301	450x450	600x600	75	45	B-125
D - 302	600x600	760x760	90	70	D-400
D - 303	600x600	760x760	90	70	B-125
D - 304	600x600	760x760	90	70	C-250
D - 305	900x600	1060x760	75	45	C-250

We reserve the right to make changes towards improvement of products

Double Triangular Cover & Frame

Ductile
Iron



Features

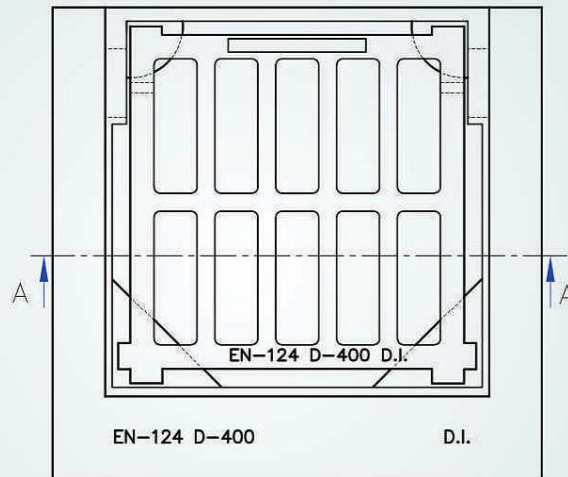
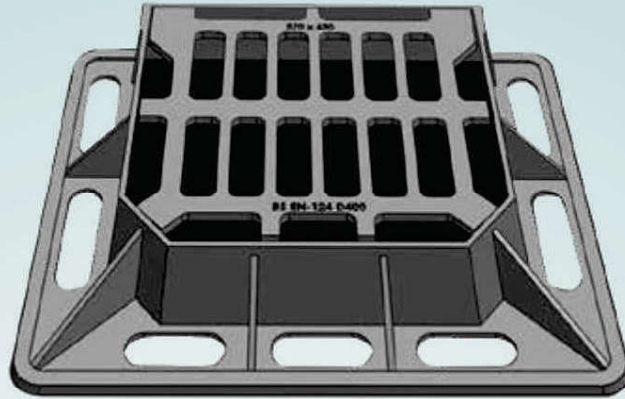
- Standard : BS EN 124
- Anti Skid Design
- Bitumen Coated
- Grade 500/7

Option

- Epoxy Coat Paint
- Badging as required
- GRP Plate

Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame C (mm)	Class
60 DTD	600 x 600	745 x 745	100	D-400
67 DTD	675 x 675	820 x 820	100	D-400
67 DTD	675	820 x 820	100	D-400
75 DTD	750 x 750	910 x 910	100	D-400
105 DTD	1050 x 1050	1200 x 1200	100	D-400

We reserve the right to make changes towards improvement of products

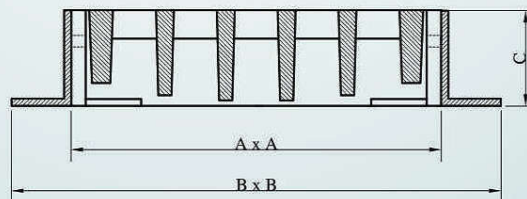


Features

- Standard : BS EN 124
- Bitumen Coated
- Grade 500/7

Option

- Epoxy Coat Paint
- Badging as required
- GRP Plate

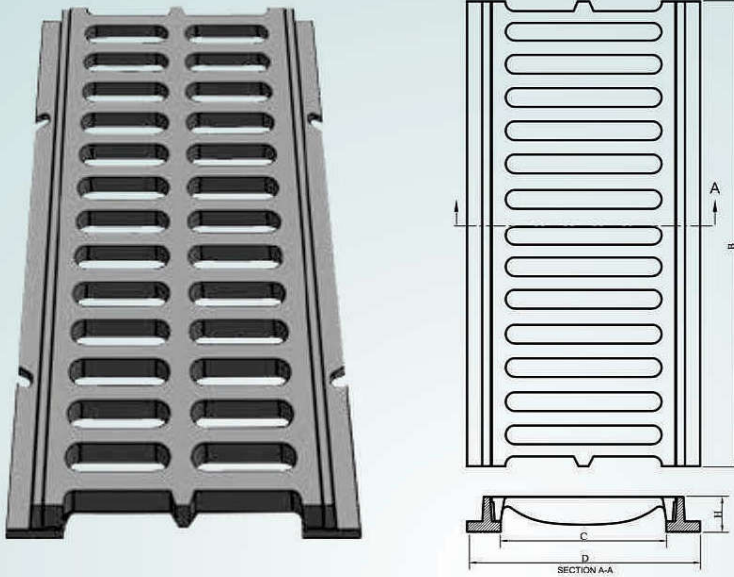


Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame C (mm)	Class
D - 600	300x300	450x395	80	D-400
D - 601	370x430	590x460	100	D-400

We reserve the right to make changes towards improvement of products

Channel Grating

Ductile
Iron



Features

- Standard : BS EN 124
- Bitumen Coated
- Grade 500/7

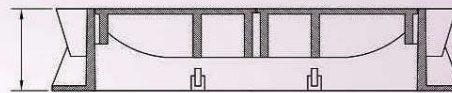
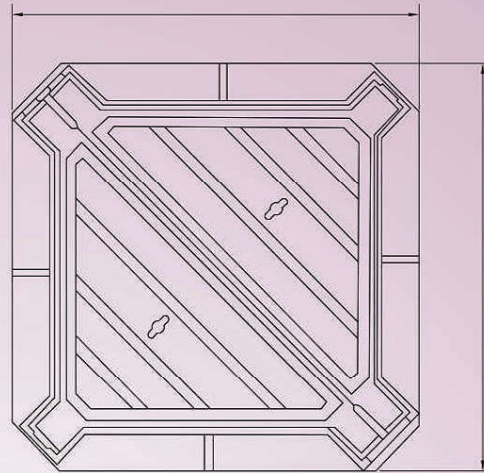
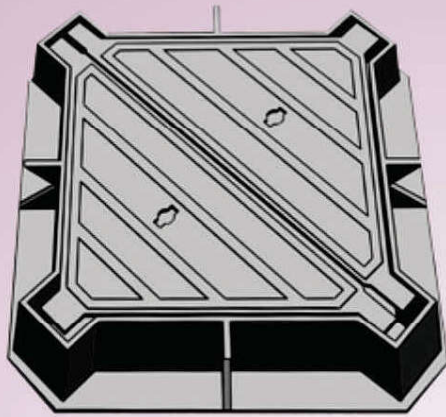
Option

- Epoxy Coat Paint
- Badging as required
- GRP Plate

Dwg. No.	Length B (mm)	Clear Opening C (mm)	Height H	Class
D - 700	750	200	50	D-400
D - 701	750	250	60	D-400
D - 702	750	250	60	E-600
D - 703	750	300	60	D-400
D - 704	750	350	60	D-400
D - 705	750	400	60	D-400
D - 706	750	600	60	D-400
D - 707	600	250	40	B-125
D - 708	600	300	40	C-250

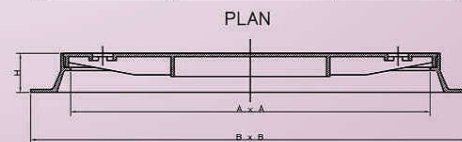
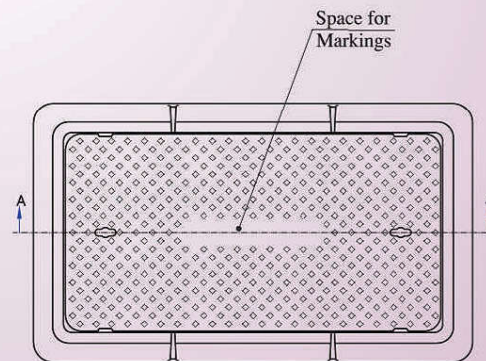
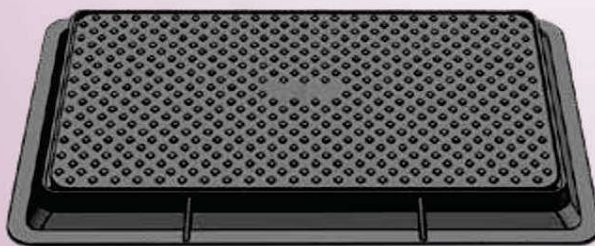
We reserve the right to make changes towards improvement of products

Carriage Way 1 & 4



Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of Frame E (mm)	Class
CW1	580x580	744x744	150	D-400

We reserve the right to make changes towards improvement of products

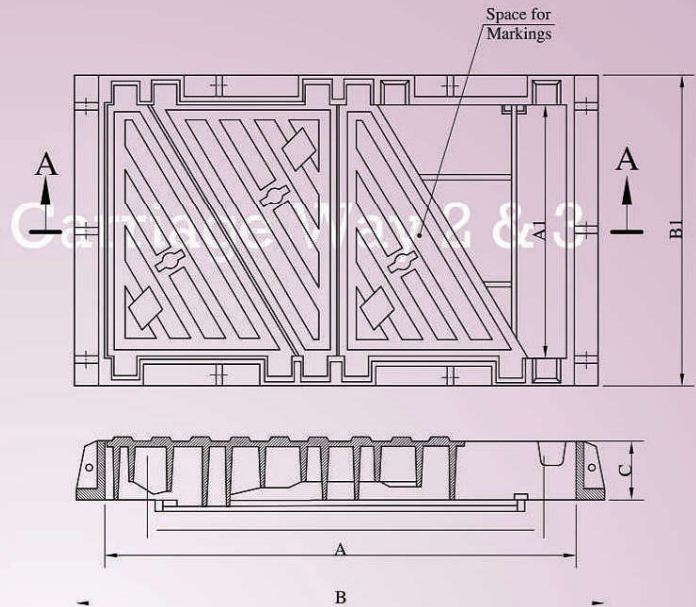
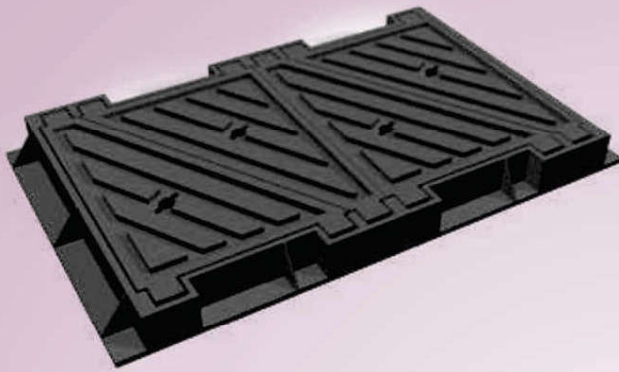


Dwg. No.	Clear Opening A (mm)	Over Base B (mm)	Height of H Frame (mm)	Class
CW4	890x445	1100x650	100	B 125 to B 150

We reserve the right to make changes towards improvement of products

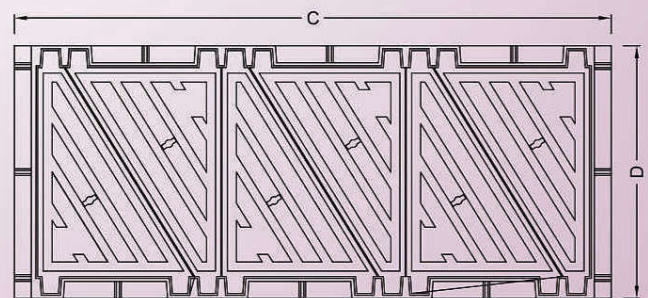
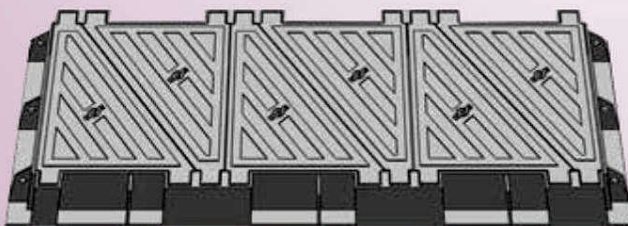
Carriage Way 2 & 3

Ductile Iron



Dwg. No.	Clear Opening A X A1 (mm)	Over Base B X B1 (mm)	Height of Frame E (mm)	Class
CW2	1220x680	1375x850	150	D-400

We reserve the right to make changes towards improvement of products

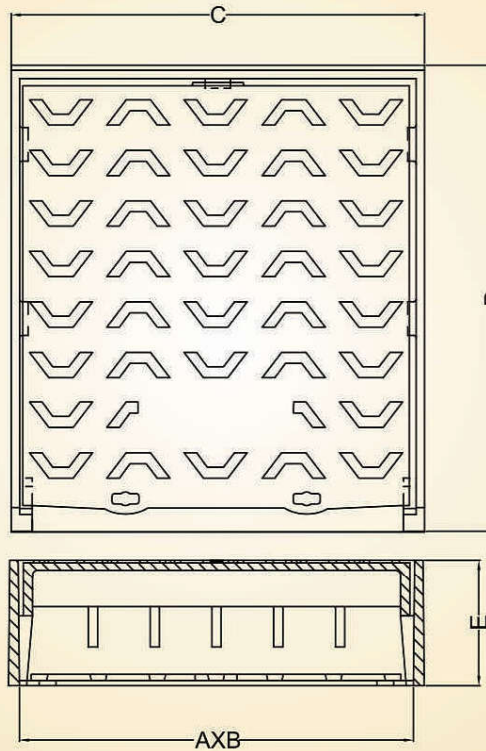


Dwg. No.	Clear Opening (mm)	Over Base C X D (mm)	Height of Frame (mm)	Class
CW3	1835x680	1984x850	100	D-400

We reserve the right to make changes towards improvement of products

Cast
Iron

Kerb Gully Grating

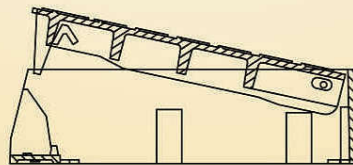


Features

- Standard : BS EN 124
- Bitumen Coated
- Grade 500/7

Option

- Epoxy Coat Paint
- Badging as required
- GRP Plate

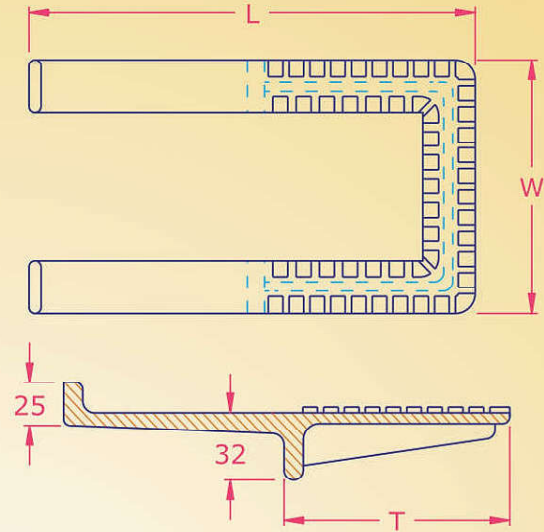
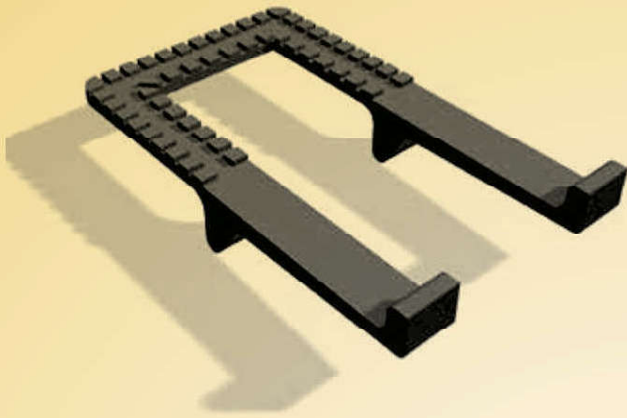


Product Code	Clear Opening AxB (mm)	Over Base Cx D (mm)	Height of Frame E (mm)	Class
D - 401	515x415	532x404	200	D-400

We reserve the right to make changes towards improvement of products

Manhole Steps

Cast & Ductile Iron



Product Code	Overall Length L mm	Width W mm	Tread Length T mm	Weight kg	Material
D - 1820	385	1984 X 850	130	5.5	Cast Iron
D - 1821	255	150	123	1.5	Ductile

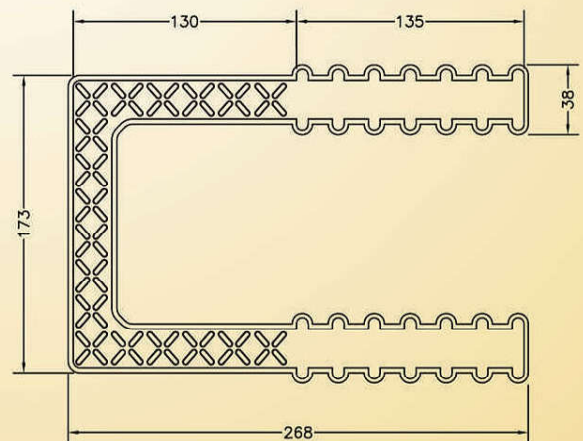
Features

- Manufactured as per BS 1247
- Anti Skid Surface

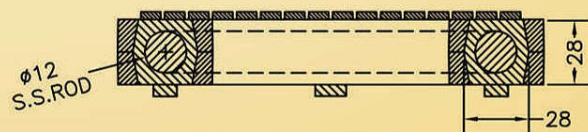
Option

- Galvanised Available

PVC Manhole steps



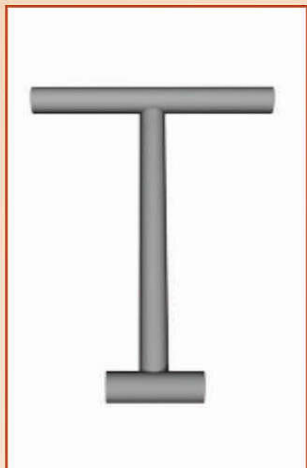
Plan Top View



Section A-A

Accessories

Lifting Keys



Features

- Material : Mild Steel

Option

- Galvanised Available
- Variable Length

Product Code	Length L mm
O type Key	290
T type Key	280

GRP Plate



Carriage way Accessories



Bolt Foundation



Bracket & Pin locking



Anchor Iron No 4



Cable Bearer Wall Type

Machine Facility



Load Test Machine



Induction furnace



Shot Blasting



Spectro Meter

Exports



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