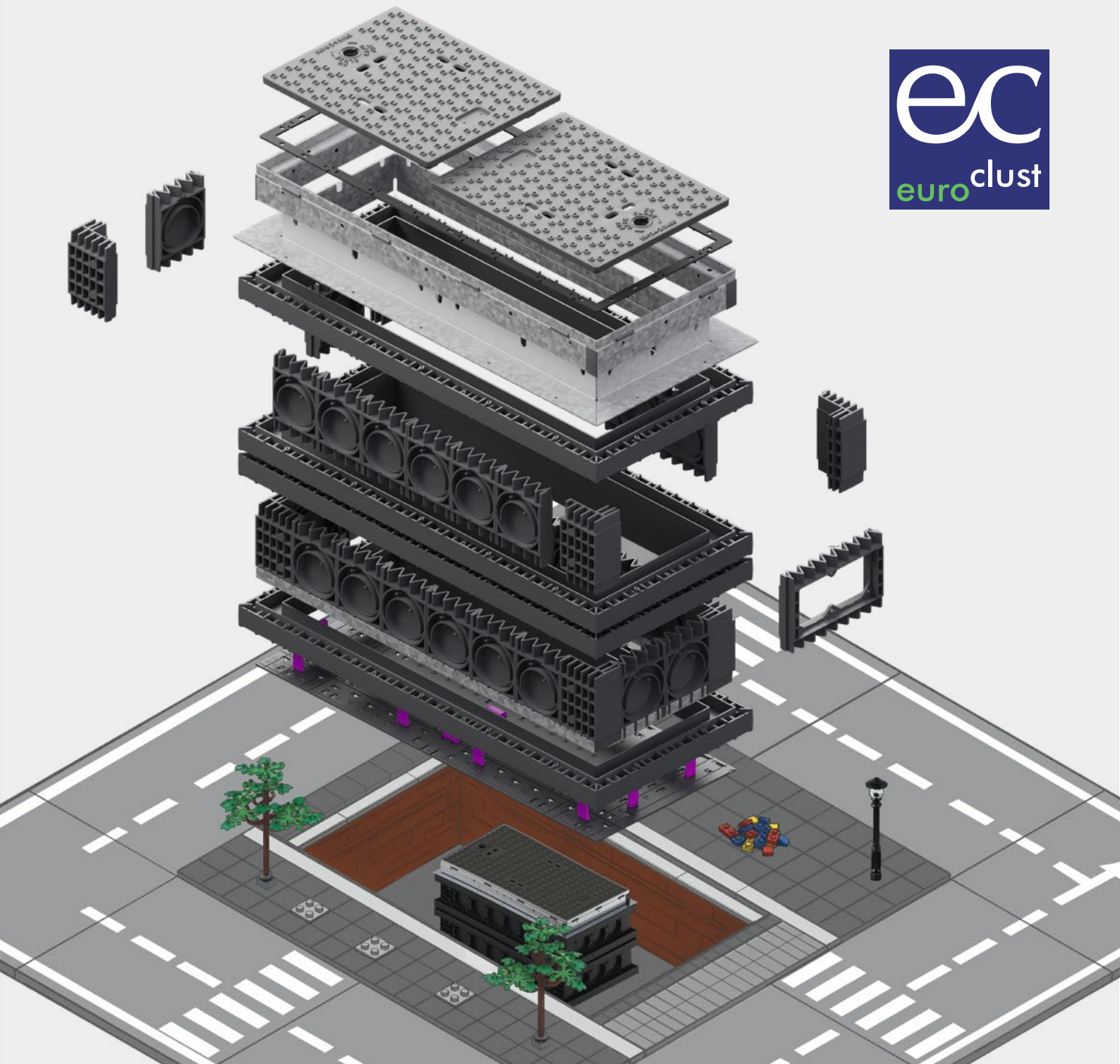




FODIS BOX

THE FULLY MODULAR MANHOLE

MADE FROM REINFORCED POLYPROPYLENE

Our solutions for every
individual demand.

2026



ALL YOUR **SOLUTIONS**
FROM A SINGLE SOURCE.

Competent.

Reliable.



ec

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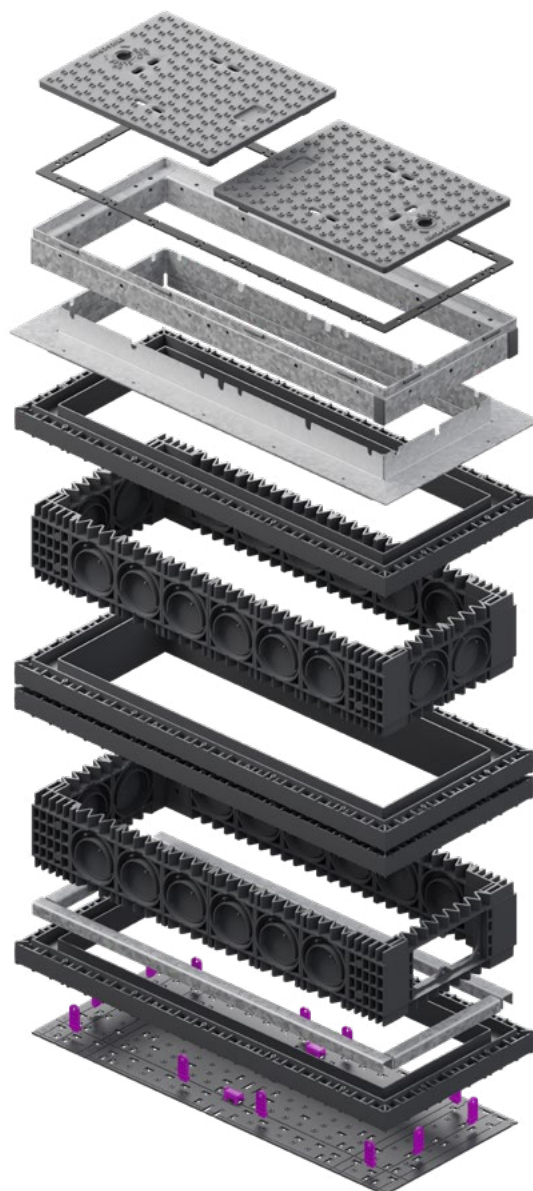
CHAPTER

01 THE IDEA

BUILT AROUND YOU

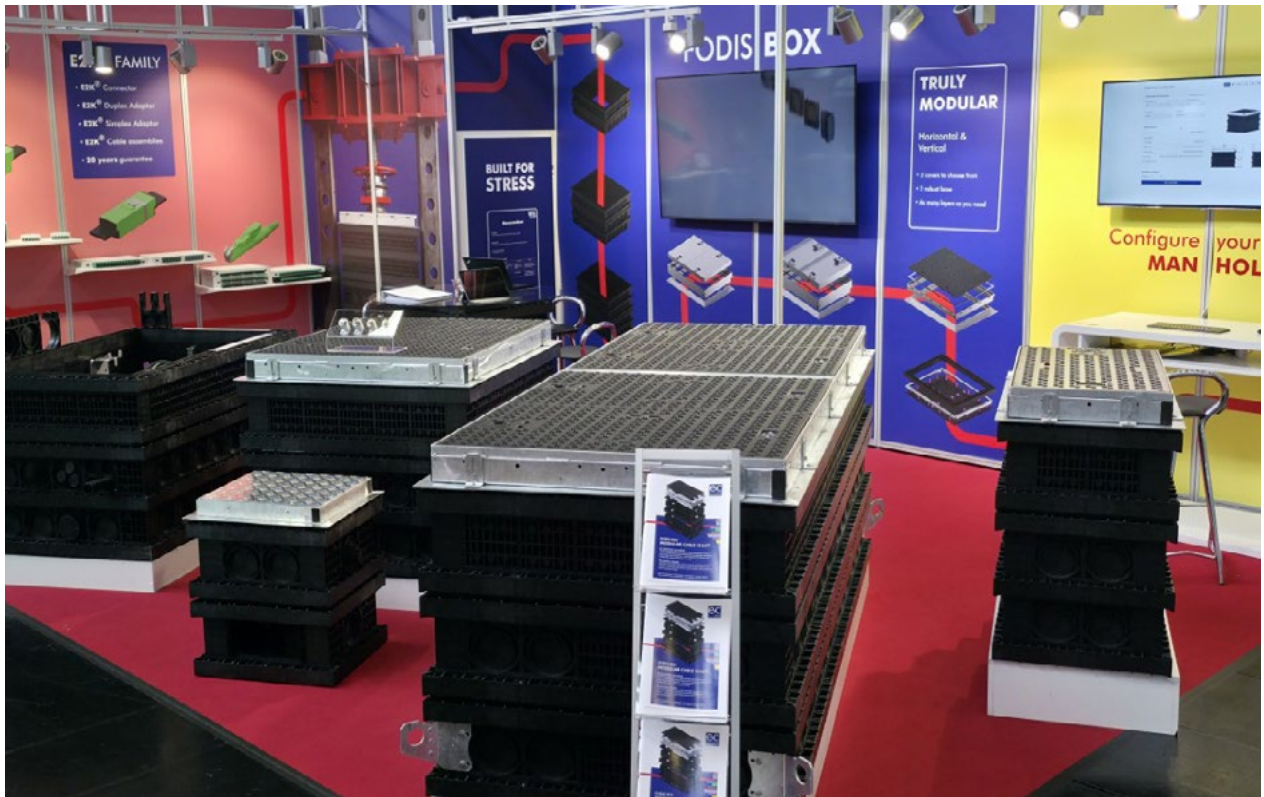
Every project has different demands, and every player in the supply chain has different priorities. **FODIS Box** was developed with all of them in mind — from the moment a shipment leaves our facility to the day the shaft goes into the ground.

Whether you operate as an Importer, General Contractor, System Integrator, or Installer, the system adapts to how you work, not the other way around.



THE IDEA

WHY FODIS BOX



The starting point of our development was simple: eliminate the trade-offs that have always defined manhole logistics. Stockpiling assembled shafts ties up capital and warehouse space — but waiting for assembly slows projects down. **FODIS Box** resolves this conflict.

WHAT YOU GAIN

- No assembled stock required - no capital tied up in inventory
- Rapid availability of fully assembled solutions when needed
- Lower transport costs to the installation site
- Configurator for fast type planning and instant pricing

The result is a system that scales with demand without the overhead of traditional manhole logistics.

THE IDEA

FOUR PACKAGING VARIANTS

Because no two projects ship the same way, **FODIS Box** is available in four distinct packaging formats. Each one is designed to optimise a specific stage of the supply chain — from bulk import to final-mile delivery. Choose the format that matches your logistics or combine several across a single project.

1 ASSEMBLED

One fully assembled shaft per pallet. Delivered ready to set, with no assembly work on site. The standard format.

2 PIECE PART

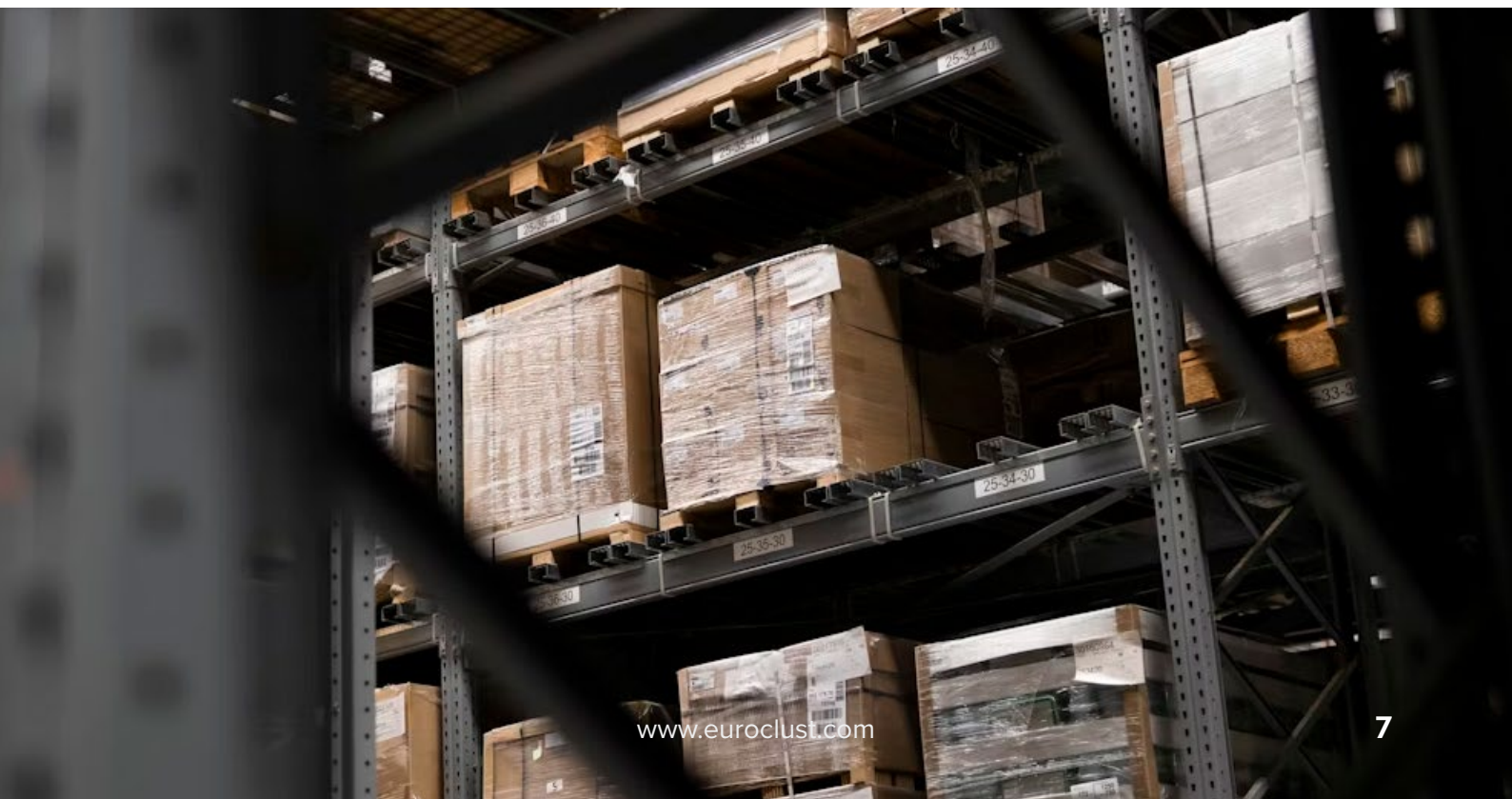
Individual components, ordered by part. A single stock of elements covers multiple shaft types and dimensions.

3 FLAT PACK

Unassembled shafts, supplied in exact quantities. The same result as assembled delivery, at a fraction of the transport volume.

4 ECO PACK

Partly assembled, with the remaining components packed inside the shaft body. The lowest shipping volume per delivered shaft.



THE IDEA

PLASTIC INSTEAD OF CONCRETE

Concrete has been the default for cable chambers for decades — largely out of habit rather than out of a technical argument. Reinforced polypropylene changes the calculation across the whole job: what it costs to move, how long it takes to install, and what equipment is needed to do it safely.

WEIGHT AND TRANSPORT

A concrete chamber with a clear size of 880 × 800 mm and a height of 1000 mm weighs roughly 1500 kg including base and cover slab. The comparable FODIS Box shaft weighs ≈ 350 kg. One truck (12t) carries 33 shafts instead of 8.

SITE SAFETY AND HANDLING

Concrete elements require a crane or excavator at every stage. FODIS Box components are carried and positioned by hand, which removes lifting operations from the excavation area and the risk that comes with them.

INSTALLATION TIME

A complete shaft is assembled on site with no tool other than a hammer and screwdriver. Height is adjusted by adding frame elements rather than by ordering a different chamber.

CRITERIA	CONCRETE	FODIS BOX
Weight, complete shaft	≈ 1500 kg	350 kg
Shafts per truck (12t)	8	33
Lifting equipment	Crane or excavator	None
Assembly tool	-	Hammer & screwdriver
Height adjustment	New chamber type	Additional frame element
Load class	D 400	D 400, tested as a system

RESISTANT BY MATERIAL

Concrete absorbs water, reacts to de-icing salt and loses section over time through frost and chemical attack. Polypropylene does none of this. The material determines the service life of the chamber, and it is the one property that cannot be improved later on site.

- **NO CORROSION, NO SPALLING** — unaffected by de-icing salt, frost and thaw cycles
- **CHEMICALLY RESISTANT** — stable against oils, fuels and soil-borne chemicals
- **DIMENSIONALLY STABLE** — up to 100 °C without deformation
- **WATERTIGHT BASE** — controlled drainage instead of uncontrolled ingress
- **ANTI-SLIP BASE PLATE** — surface structure to DIN 51130 / R10

The shaft body is made from glass-fibre reinforced polypropylene. Why this material rather than polycarbonate is explained on page 19.

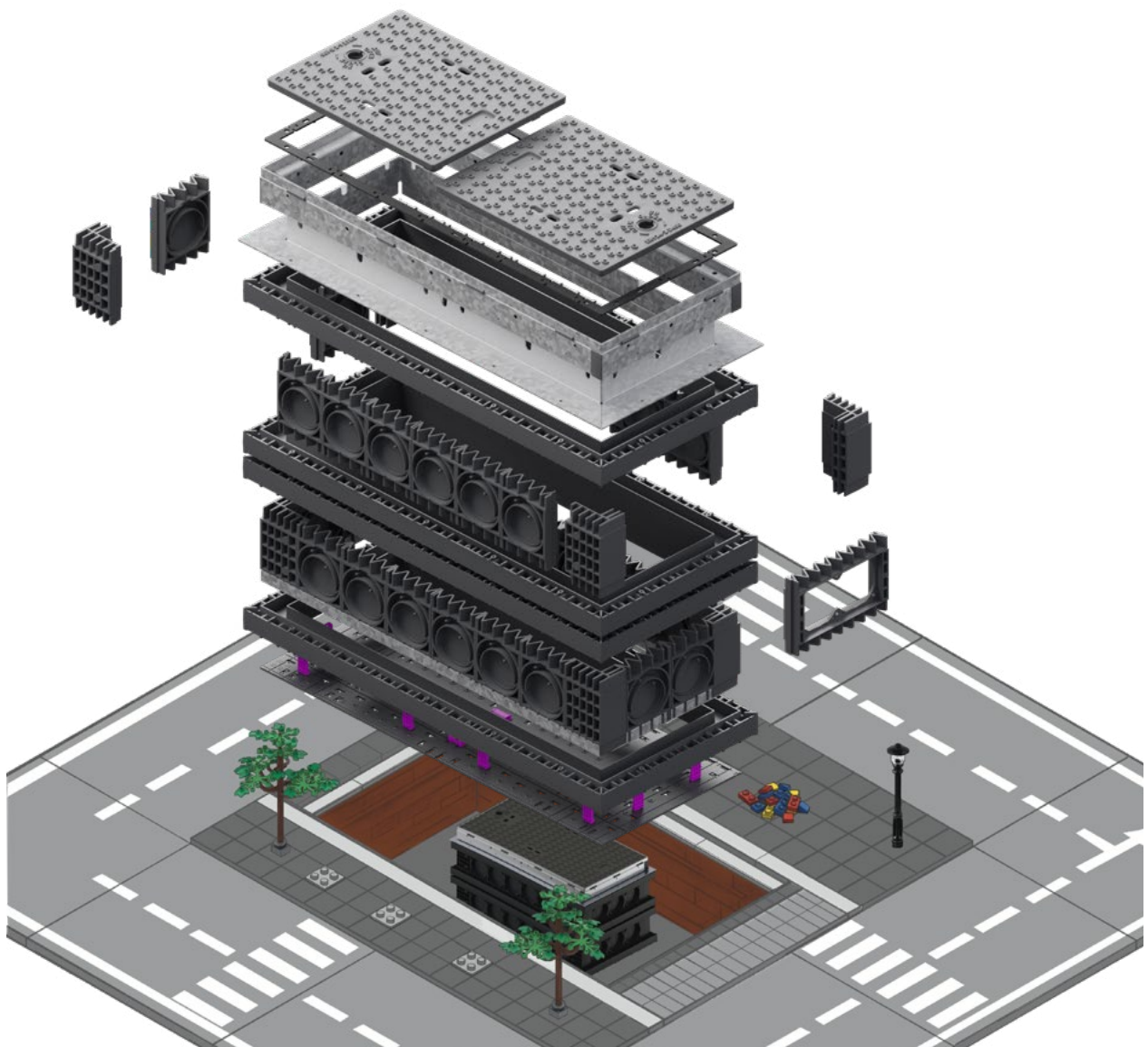


THE IDEA

MAXIMUM FLEXIBILITY

A modular system is only as strong as the range it can deliver. **FODIS BOX** covers the full spectrum of broadband and utility installation requirements without compromising on standardisation.

- Free combination of length, width, and height
- Wide range of cover materials — ductile iron, steel filled with concrete, paveable steel
- Load classes from A 15 to D 400
- Multiple locking solutions
- Extensive accessory program

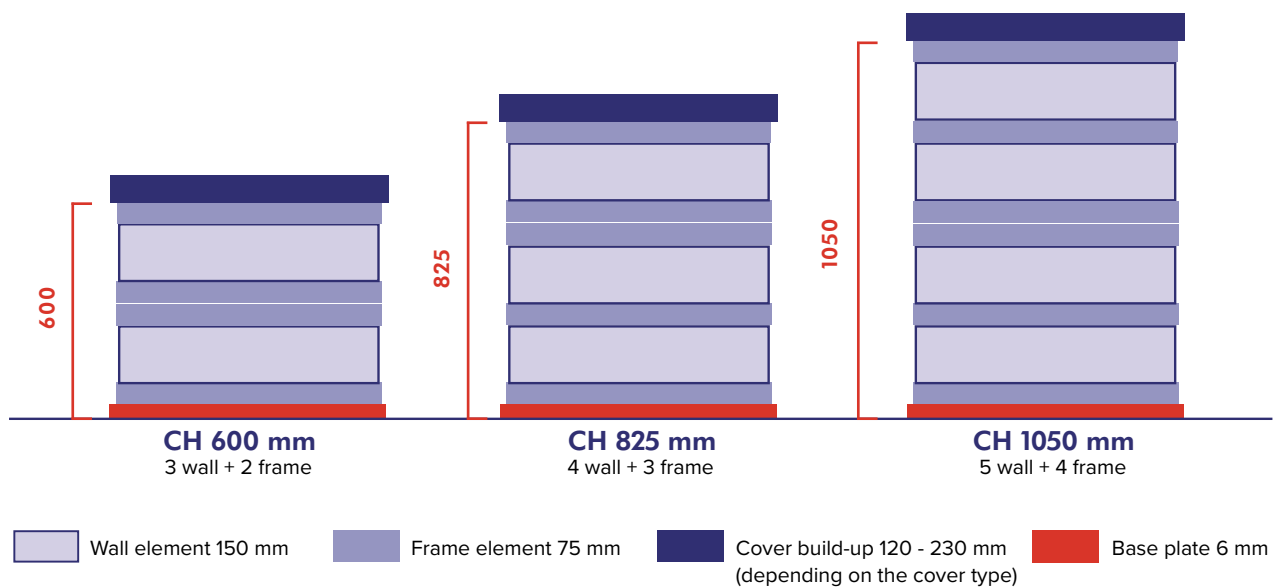


TEN STANDARD SIZES

From 320 × 400 mm to 800 × 1360 mm clear dimensions, each available in **D 400** in three clear heights of 600, 825 and 1050 mm. The full overview table is on page 29.

ONE ELEMENT FAMILY

Around 30 composite plastic components cover every size in the portfolio. Fewer part numbers to stock, fewer to plan, fewer to get wrong.



CLEAR WIDTHS

320 – 880 mm

CLEAR LENGTHS

400 – 1360 mm

CLEAR HEIGHTS

600 · 825 · 1050 mm



CHAPTER

02 THE SYSTEM

THREE GROUPS, ONE SHAFT

A FODIS Box shaft is not a product with variants. It is a set of around 30 injection-moulded components that combine into every size in the portfolio. However large the shaft, it is always built from the same three functional groups.

■ HEAD

Cover, damping pad, cover frame with height levelling element and head frame. This group determines the load class, the locking system and the final level of the shaft against the surrounding surface.

■ BODY

Frame elements of 75 mm and wall elements of 150 mm, plugged together row by row. The number of rows sets the clear height; the wall elements chosen set where cables enter.

■ BASE

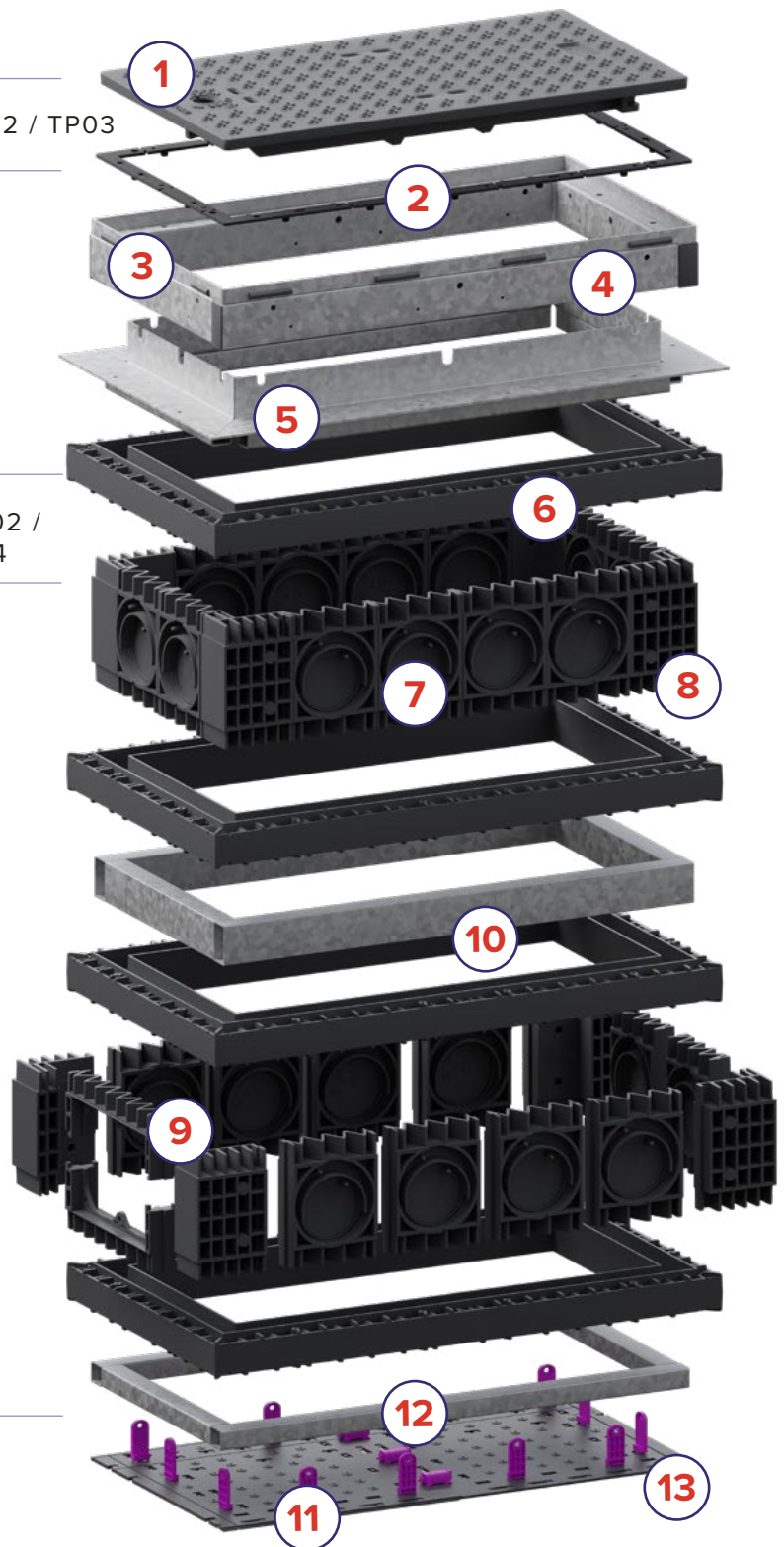
Modular base plate with drainage openings and anti-slip surface, connected to the base frame element by joiners. Metal reinforcement is added for load class D 400.

No tools other than a hammer and a screwdriver are required to assemble a complete shaft. Every connection in the system is a plug or a joiner.

THE SYSTEM

EXPLODED VIEW (D400)

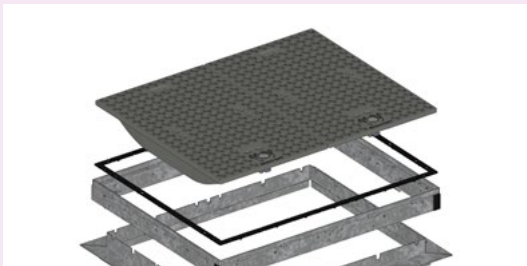
- | | | |
|-----------|---|-------------------------|
| 1 | Cover, ductile iron | |
| 2 | Damping pad, TPE | TP01 / TP02 / TP03 |
| 3 | Cover frame | |
| 4 | Element for cover levelling | JE41 |
| 5 | Head frame | |
| 6 | Frame element 75 mm | FC01 / FC02 / FS01–FS04 |
| 7 | Side wall element 150 mm, straight | PM01
PM02
PM05 |
| 8 | Side wall element 150 mm, 90° (corner) | PM03
PM04 |
| 9 | Double overbuild element, split 320 x 150 | PM07 |
| 10 | Frame reinforcement | |
| 11 | Joiners | JE01
JE21
JE22 |
| 12 | Base reinforcement | |
| 13 | Base plate, modular | BP01 |



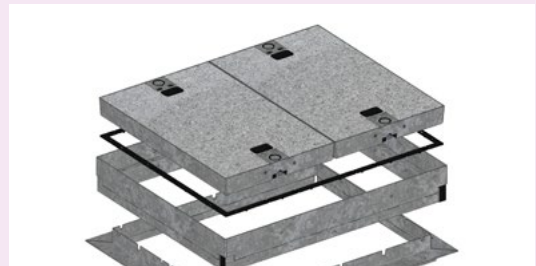
THE SYSTEM

THE SHAFT COVERS

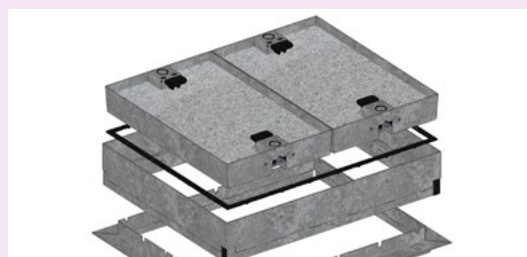
The cover determines the load class, the noise behaviour and the appearance of the shaft at ground level. FODIS Box covers are dimensioned to match the shaft portfolio, which keeps the number of cover types — and therefore the stock — deliberately small.

**DUCTILE IRON**

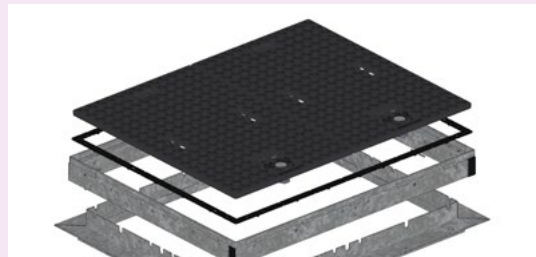
Light in relation to its strength, easy to lock and dimensionally stable over decades. Supplied with elastomer damping pads to prevent rattling under traffic.

B 125 / D 400**STEEL, FILLED WITH CONCRETE**

Sits stably in the frame thanks to its own weight and double locking. The standard choice for carriageways without heavy goods traffic.

B 125 / D 400**PAVEABLE STEEL**

Filled on site with the surrounding paving so that the shaft disappears into the surface. For squares, pedestrian zones and designed streetscapes.

B 125 / D 400**COMPOSITE PLASTIC**

Corrosion-free and light enough to be handled without lifting equipment. For green areas and pedestrian surfaces.

A 15 / B 125

THE SYSTEM

THE MANHOLE BODY

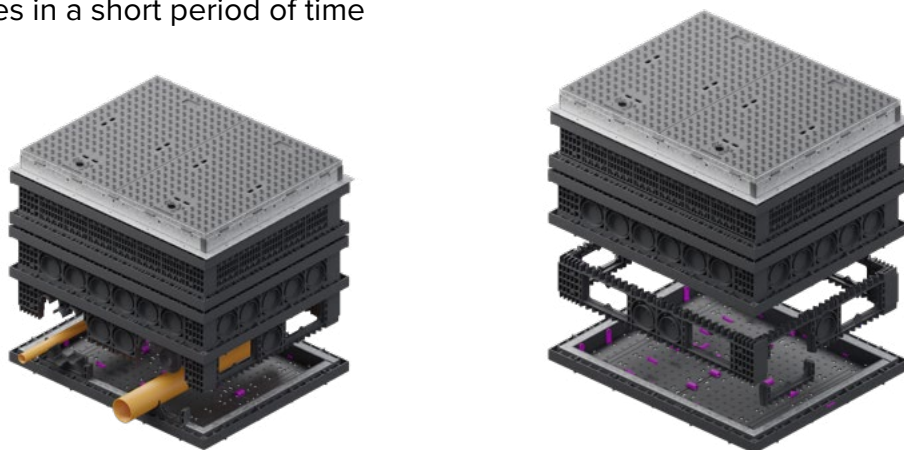
Around 30 plastic components cover every shaft dimension, every cable entry position and every accessory mounting in the programme. The body is built in rows, and the row structure is what makes the system flexible.

HOW A SHAFT IS BUILT UP

Wall elements of 150 mm plug into frame elements of 75 mm. Corners are formed by wall elements angled at 90°, available left-handed and right-handed. A separate connecting element joins two frame elements vertically. Every row repeats the same principle, so height is a question of how many rows are used, not of which shaft was ordered.

CLEAR HEIGHT	ROWS	ROW 1 ABOVE BASE PLATE	ROWS ABOVE
600 mm	3	Wall elements with knock-outs	Straight wall elements
825 mm	4	Wall elements with knock-outs	Straight wall elements
1050 mm	5	Wall elements with knock-outs	Straight wall elements

- Accessories such as cable trays and joint holders plug directly to the inner wall
- Overbuild elements allow the shaft to be set over existing cable routes
- Our system allows for fast acting and flexible solutions in all dimensions (W x L x H)
- Cost efficient and easily scalable in comparison to existing solutions on the market
- Customized solutions are built from the same element family allowing for tailored approaches in a short period of time



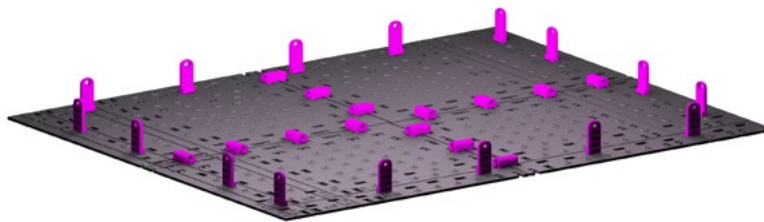
The planning advantage: because the rows carry knock-outs all the way round, the exact position of a pipe entry does not have to be fixed at the planning stage. It is decided on site, when the trench is open and the actual route is known.

THE SYSTEM

THE BASE PLATE

The base plate is cut to size from the largest plate dimension, so that any combination of clear width and clear length in the portfolio can be covered from one stock item.

- **Drainage openings** — surface and seepage water is discharged in a controlled way instead of collecting in the chamber
- **Anti-slip surface** — structured to DIN 51130 / R10 for safe access during maintenance
- **Joiner connection** — joiners connect the 6 mm base plate to the 75 mm frame element, and also lock several plate sections to each other
- **Optional omission** — shafts can be supplied without a base plate where the design calls for an open bottom



BUILD HEIGHTS

COVER	CLEAR WIDTH	BUILD-UP
Ductile iron	all	120 mm
Concrete	up to 650 mm	170 mm
Concrete	from 800 mm	185 mm
Paveable	up to 650 mm	215 mm
Paveable	from 800 mm	230 mm

The total height of a shaft follows from the clear height of the body plus the build-up of the cover. The build-up depends on the cover type, the load class and the clear width.

THE SYSTEM

FOUR COVERS, TEN SHAFTS

Cover dimensions were derived from the shaft portfolio, not the other way around. Larger shafts are closed with several identical covers rather than with a dedicated type of their own. Four cover sizes therefore serve the entire programme.

TYPE	CLEAR SIZE	ARTICLE NO. D 400	ARTICLE NO. B 125	USED IN
B	560 × 640 mm	EC71.0504D2.0000	EC71.0504B2.0000	2 ×
C	400 × 800 mm	EC71.0603D2.0000	EC71.0603B2.0000	3 ×
D	320 × 400 mm	EC71.1110D2.0000	EC71.1110B2.0000	3 ×
E	560 × 880 mm	EC71.1304D2.0000	EC71.1304B2.0000	2 ×

COVER ASSIGNMENT

SHAFT TYPE	CLEAR SIZE	COVER TYPE	QUANTITY
FB3240	320 × 400 mm	D	1
FB5664	560 × 640 mm	B	1
FB4080	400 × 800 mm	C	1
FB5688	560 × 880 mm	E	1
FB3288	320 × 880 mm	D	2
FB8088	800 × 880 mm	C	2
FB4011	400 × 1120 mm	D	3
FB8811	880 × 1120 mm	E	2
FB5613	560 × 1360 mm	B	2
FB8013	800 × 1360 mm	C	3

MATERIALS

WHY REINFORCED POLYPROPYLENE

The shaft body is moulded from glass-fibre reinforced polypropylene. The alternative commonly used for plastic chambers is polycarbonate. Both are thermoplastics, but they answer different questions — and only one of those questions is asked below ground.

Polycarbonate is chosen where transparency, impact resistance and heat stability up to 140 °C matter. A buried cable chamber needs none of these. What it needs is dimensional stability under sustained load, indifference to the chemistry of the soil around it, and low weight for handling on site. Polypropylene delivers all three, and glass-fibre reinforcement adds the stiffness that the raw polymer lacks.

PROPERTY	POLYPROPYLENE, REINFORCED	POLYCARBONATE
Density	Low — light components	Higher
Chemical resistance	Resistant to a wide range of chemicals, oils and fuels	Limited
Tensile strength	High	High
Impact resistance	High	Exceptional
Fatigue resistance	Excellent	Good
Heat resistance	Up to 100 °C	Up to 140 °C
UV and flame retardancy	Adjustable through additives during moulding	Additive-dependent

The decisive property is chemical resistance. A chamber sits in soil for decades, exposed to de-icing salt, hydrocarbons and groundwater. Heat resistance above 100 °C never becomes relevant at that depth — chemical attack does, every single day.

MATERIALS

WHY DUCTILE IRON

Ductile iron is a family of cast graphitic irons with high strength, ductility and shock resistance. Annealed ductile iron can be bent, twisted or deformed without fracturing. Its strength, toughness and ductility match many grades of steel and far exceed those of standard grey iron. The difference lies in the shape of the graphite. In grey iron the graphite forms flakes, and every flake acts as an internal notch where a crack can start. In ductile iron the graphite forms spheres, which interrupt the metal matrix far less. Under EN 1563 (2019-04) this material is designated EN-GJS, followed by the minimum tensile strength and the elongation at fracture.

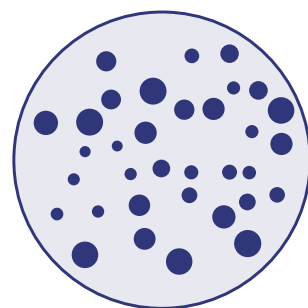
ADVANTAGES

- High strength
- Ductility
- High abrasion resistance
- Shock resistance
- Corrosion resistance
- Long service life



GREY IRON

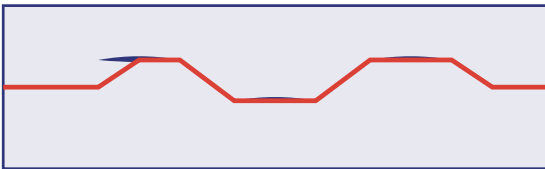
Lamellar graphite — flakes act as internal notches



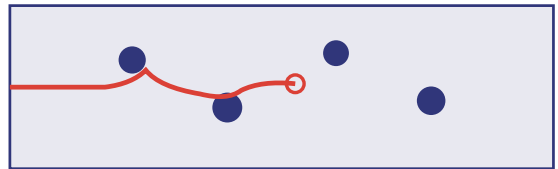
DUCTILE IRON

Spheroidal graphite — the matrix stays continuous

UNDER LOAD



The crack follows the flakes and runs through the section



The crack is deflected around the spheres and arrests

Ductility is the ability of a material to undergo significant permanent plastic deformation under tension before it fractures. For a cover under traffic load, that is the property that decides whether an overload bends the part or breaks it.

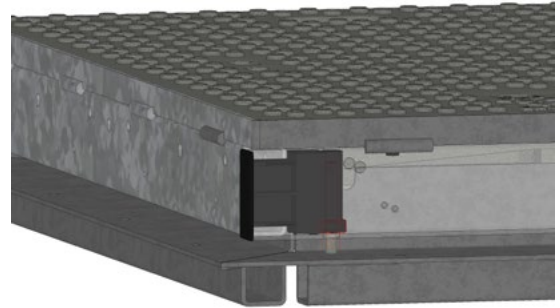
FEATURES

HEAD FRAME & HEIGHT ADJUSTMENT

The last 50 millimetres decide whether a shaft sits flush with the surface or has to be re-worked. The height levelling set closes that gap on site, after the shaft is already in the ground.

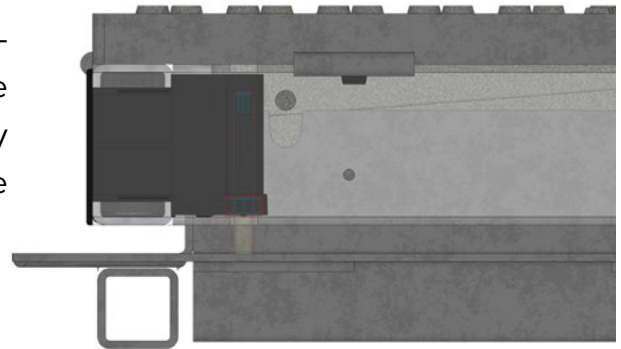
STEPLESS LEVELLING

The levelling element is fitted between cover frame and head frame at all four corners of the shaft. It allows continuous adjustment of both height and inclination up to 50 mm, so the cover can be matched to the finished grade and to the camber of the road.



DAMPING PADS

Elastomer pads set into the cover frame compensate small irregularities between frame and cover. They distribute the load, and they stop the rattling that makes a chamber audible every time a vehicle passes over it.

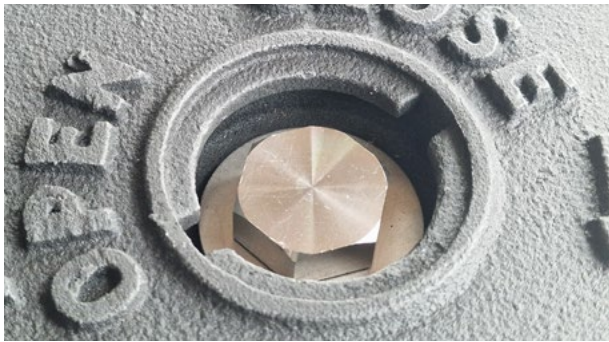


Because levelling happens after installation, the shaft body does not have to be set to a precise level in the trench. That removes one of the slowest steps from the installation sequence.

FEATURES

LOCKING SYSTEMS

Network operators do not share a single locking standard, and a chamber that cannot be opened with the crew's existing key is a chamber that will not be specified. FODIS Box covers are available with four head forms.



Hex Locking



LIC-LOCK



Inside Hexagon



COLT / TELENET

Load class D 400 must always be secured. Under DIN EN 124, covers in load class D 400 are required to be bolted down, locked, or secured by their own areal mass. An unlocked D 400 cover is not a permissible installation. Exception only if the net weight exceeds 275 kg/m².

LOAD CLASS	LOCKING
A 15	Locking mechanism available, bolting recommended
B 125	Locking mechanism available, not mandatory
D 400	Locking or bolting mandatory under DIN EN 124 or secured through area-based mass

FEATURES

CABLE ENTRIES & OVERBUILDING

Cable entries are opened where they are needed, not where they were planned. Every wall row can carry pre-formed knock-outs all the way around the shaft.

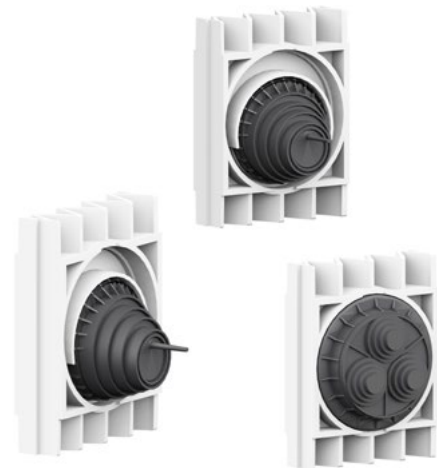
KNOCK-OUTS

- Ø 50 mm — control and service ducts
- Ø 110 mm — standard cable protection pipes
- Ø 140 mm hole element for larger entries



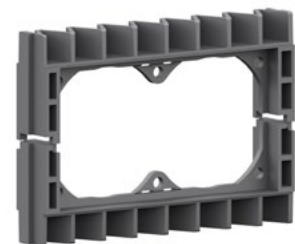
STEPPED GROMMET AND ADAPTERS

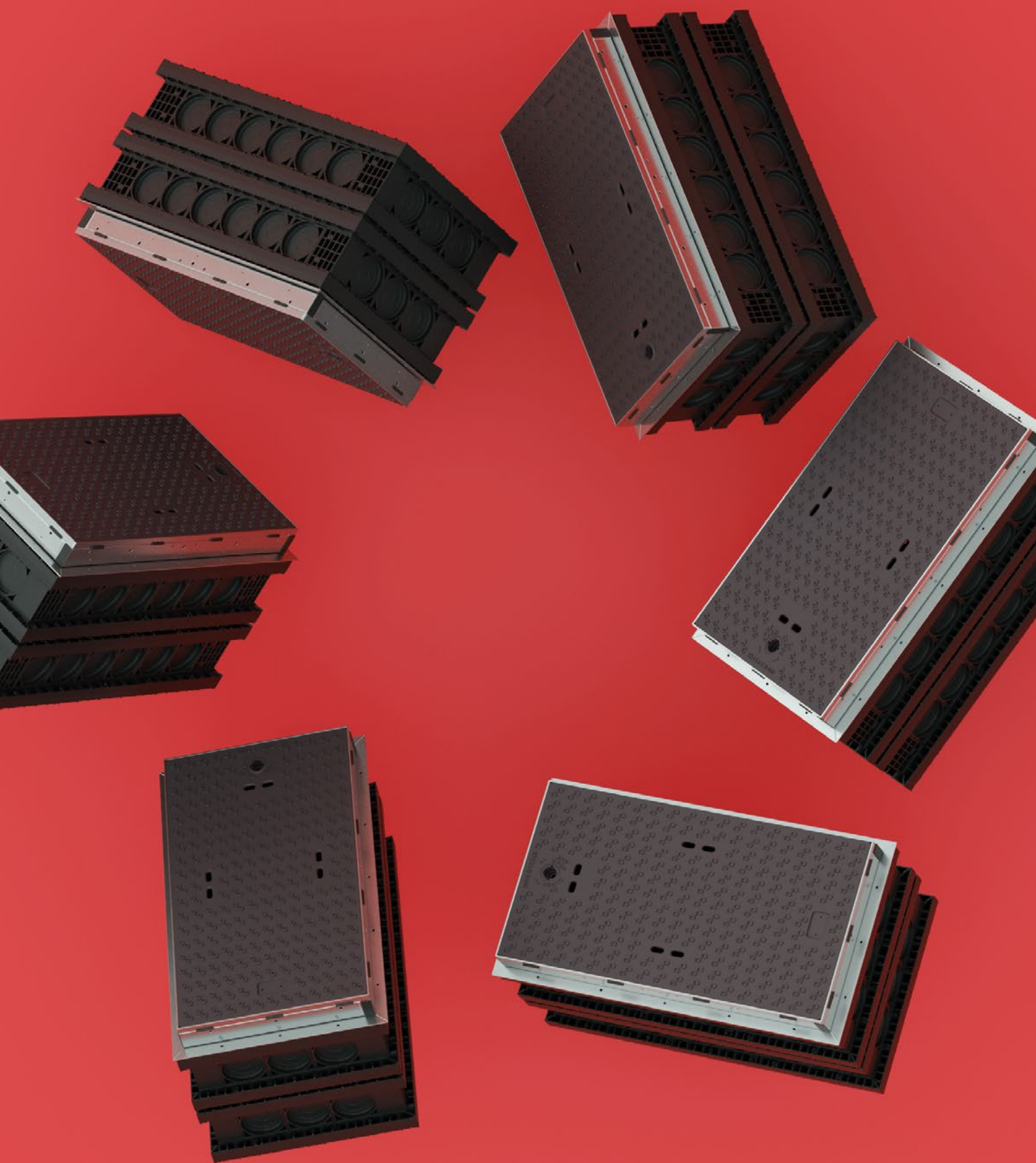
Knock-outs are designed to fit intermediate pipe diameters with stepped grommets, duct seals or adapters. **Stepped grommets Ø 40-90mm**, **Stepped grommets 3x20-50mm** as well as **Microduct pipe adapters 3 × 50 mm** all seal the entry against sand and soil ingress. All sealing elements are made from elastic material.



OVERBUILDING EXISTING ROUTES

Cable routes rarely lie where the new chamber is supposed to go. Instead of cutting and rerouting them, the shaft is simply set over them. Rectangular openings (**PM07, 320 mm Width**) with several adapter plates (**PI02, PI02S, PI03**) allow a shaft to be set over cable routes that are already in the ground. The decision is made on site, once the trench is open.





CHAPTER

03

THE RANGE

The range follows from the system, not the other way around. Ten standard footprints, three clear heights and three cover materials in load class D 400 are all assembled from the same element family. Finding the right shaft is a question of selection, not of special manufacture.

This chapter leads from the requirements on site to a complete specification, in three steps.

■ SELECT

Seven decisions define a shaft: dimensions, load class, cover, locking, base plate, cable entries and total height. Taken in order, each one narrows the next.

■ COMPARE

All ten footprints drawn to the same scale, the complete overview of covers and external heights, and sectional drawings of every cover build-up.

■ CONFIGURE

The online configurator turns the same seven decisions into a data sheet, a 3D drawing, a bill of materials and a quotation.

THE RANGE

SELECTION CRITERIA

Seven decisions define a FODIS Box shaft. Taken in this order, each one narrows the next — and the same sequence is used by the online configurator.

1 DIMENSIONS

How much room do the cables and joints need?

Clear internal width × length in mm. Ten standard footprints are available; overview on page 28.

2 LOAD CLASS

What drives over it?

Test class of the cover to DIN EN 124. Where there is any doubt, the standard requires the next higher class to be chosen.

- A 15 · B 125 · D 400
-

3 COVER MATERIAL

What should the surface look like, and what has to be carried?

- Ductile iron — with elastomer damping pads for D 400
- Steel filled with concrete
- Steel filled with concrete with option for pavement
- Composite plastic
- Teardrop plate
- No cover, to be supplied on-site

4 LOCKING

Which key does the crew already carry?

- Unlocked — permissible up to B 125 only
- Hex Locking SW 24 · Inside Hexagon SW 14
- LIC-LOCK
- COLT / TELENET / OTC

5 BASE PLATE

Does the chamber need a closed bottom?

- Without base plate
- With base plate

The base plate is always supplied together with its base frame element.

6 CABLE ENTRIES

Where do the ducts come in, and at what diameter?

- Knock-outs Ø 110/140 mm
- Rectangular openings for overbuilding, with stepped grommets 2x 40-125mm and microduct pipe adapters 3x 50mm

Knock-outs are opened on site in whichever wall element they are needed, so the entry position does not have to be fixed in advance.

7 TOTAL HEIGHT

How deep does the shaft have to reach, and how does it meet the surface?

The total height is not selected — it results from the components chosen. Standard clear heights are 600, 825 and 1050 mm; intermediate heights are reached by adding frame elements.

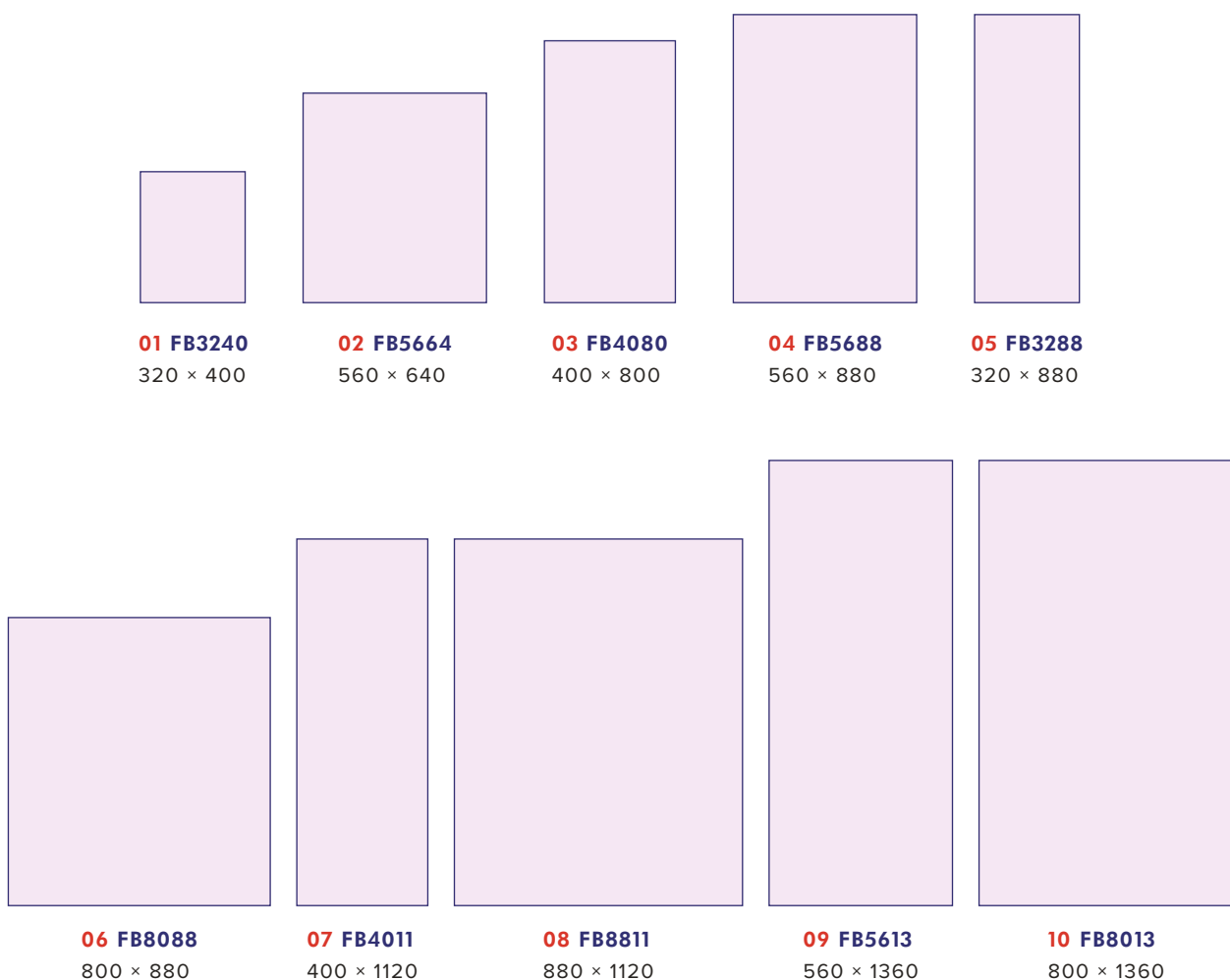
TOTAL SHAFT HEIGHT

Base plate + base frame element (75 mm) + frame elements (75 mm each)
+ wall elements (150 mm each) + cover build-up according to material and load class

THE RANGE

TEN STANDARD SIZES

Every footprint in the programme, drawn to the same scale. Clear internal dimensions in millimetres, each size available in clear heights of 600, 825 and 1050 mm.



Scale 1 : 24. All dimensions are clear internal dimensions, width × length.

READING THE TYPE CODE

The code combines the first two digits of the clear width with the first two digits of the clear length. **FB5613** is therefore 560 mm wide and 1360 mm long.

BEYOND THE STANDARD SIZES

Because every shaft is assembled from the same element family, intermediate dimensions are possible without special parts. Ask for a project-specific configuration.

THE RANGE

MANHOLE SIZES OVERVIEW

Type | Clear dimensions

01	FB3240	320 x 400 mm
02	FB5664	560 x 640 mm
03	FB4080	400 x 800 mm
04	FB5688	560 x 880 mm
05	FB3288	320 x 880 mm
06	FB8088	800 x 880 mm
07	FB4011	400 x 1120 mm
08	FB8811	880 x 1120 mm
09	FB5613	560 x 1360 mm
10	FB8013	800 x 1360 mm

TEST CLASS — ACCORDING EN 124-1

B 125 kN locking mechanism available

●	●	●	●	●	●	●	●	●	●
---	---	---	---	---	---	---	---	---	---

D 400 kN locking mechanism required *

●	●	●	●	●	●	●	●	●	●
---	---	---	---	---	---	---	---	---	---

WIDTH / LENGTH / HEIGHT MODULARITY

Modular design

●	●	●	●	●	●	●	●	●	●
---	---	---	---	---	---	---	---	---	---

COVER MATERIAL

Ductile cast iron

●	●	●	●	●	●	●	●	●	●
---	---	---	---	---	---	---	---	---	---

Steel cast in concrete

●	●	●	●	●	●	●	●	●	●
---	---	---	---	---	---	---	---	---	---

Steel pivable

●	●	●	●	●	●	●	●	●	●
---	---	---	---	---	---	---	---	---	---

COVER TYPE DUCTILE IRON — W × L mm (PIECES/MANHOLE TYPE)

Ductile cast iron B W560 x L640

1								2	
---	--	--	--	--	--	--	--	---	--

Ductile cast iron C W400 x L800

	1			2					3
--	---	--	--	---	--	--	--	--	---

Ductile cast iron D W320 x L400

1			2		3				
---	--	--	---	--	---	--	--	--	--

Ductile cast iron E W560 x L880

		1					2		
--	--	---	--	--	--	--	---	--	--

COVER FRAME STEEL

Ductile cast iron

●	●	●		●	●	●	●	●	●
---	---	---	--	---	---	---	---	---	---

Concrete-steel

●	●	●		●	●	●	●	●	●
---	---	---	--	---	---	---	---	---	---

Paveable steel

●	●	●		●	●	●	●	●	●
---	---	---	--	---	---	---	---	---	---

HEAD FRAME STEEL

Ductile cast iron

●	●		●	●	●	●	●	●	●
---	---	--	---	---	---	---	---	---	---

Concrete-steel

●	●		●	●	●	●	●	●	●
---	---	--	---	---	---	---	---	---	---

Paveable steel

●	●		●	●	●	●	●	●	●
---	---	--	---	---	---	---	---	---	---

STANDARD COMPLETE EXTERNAL MANHOLE SIZE — HEIGHT IN mm

Ductile cast iron CW height 600 mm

								720	
--	--	--	--	--	--	--	--	-----	--

Ductile cast iron CW height 825 mm

								945	
--	--	--	--	--	--	--	--	-----	--

Ductile cast iron CW height 1050 mm

								1170	
--	--	--	--	--	--	--	--	------	--

Concrete-steel CW height 600 mm

		770						785	
--	--	-----	--	--	--	--	--	-----	--

Concrete-steel CW height 825 mm

		995						1010	
--	--	-----	--	--	--	--	--	------	--

Concrete-steel CW height 1050 mm

		1220						1235	
--	--	------	--	--	--	--	--	------	--

Paveable steel CW height 600 mm

		815						830	
--	--	-----	--	--	--	--	--	-----	--

Paveable steel CW height 825 mm

		1040						1055	
--	--	------	--	--	--	--	--	------	--

Paveable steel CW height 1050 mm

		1265						1280	
--	--	------	--	--	--	--	--	------	--

* Exception only if the net weight exceeds 275 kg/m².

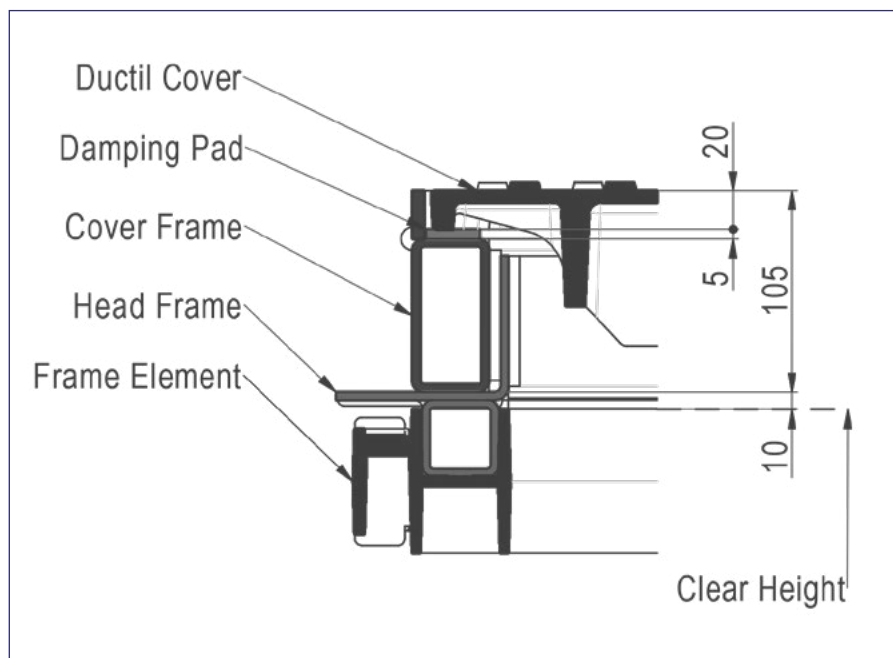
● = available Manhole covers in load class D 400 must always be screwed down or locked in accordance with DIN EN 124.

THE RANGE

SECTIONAL DRAWINGS

Every cover material needs its own build-up above the shaft body. The sections on these two pages show how cover, damping pad, cover frame and head frame sit on the uppermost frame element, and how much height each variant adds above the clear height.

DUCTILE IRON COVER

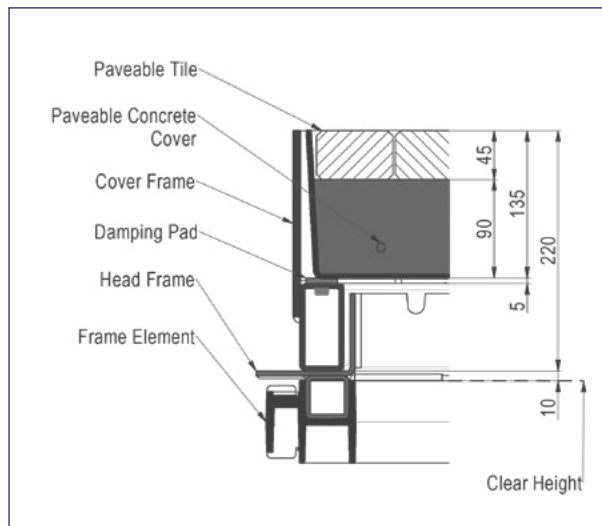


HEIGHT LEVELLING

The levelling element between cover frame and head frame adjusts height and inclination steplessly by up to 50 mm, so the cover can be matched to the finished grade after the shaft is in the ground.

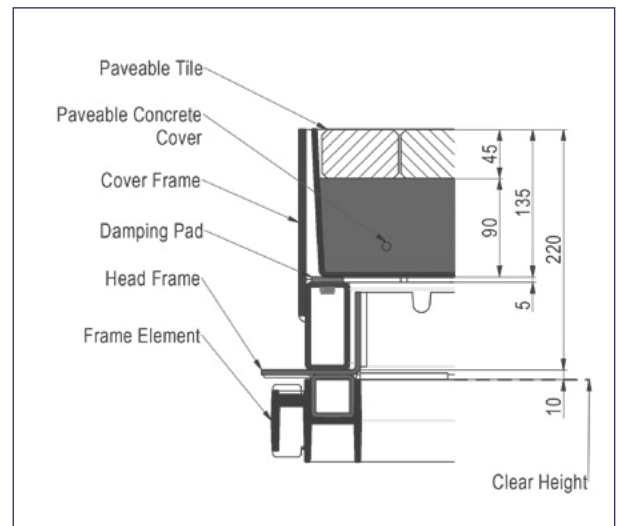
PAVEABLE STEEL COVER

Clear width up to 600 mm



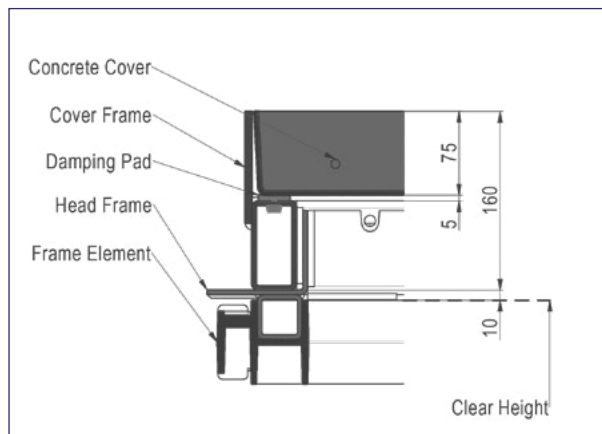
PAVEABLE STEEL COVER

Clear width from 600 mm



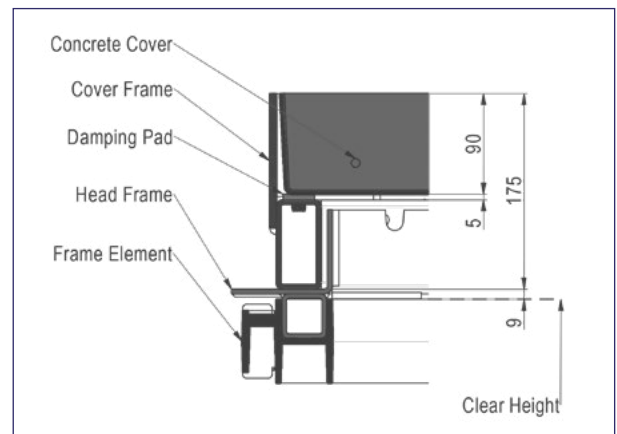
CONCRETE COVER

Clear width up to 600 mm



CONCRETE COVER

Clear width from 600 mm



THE RANGE

DESIGN YOUR SHAFT ONLINE

The FODIS Box configurator turns a set of site requirements into a complete technical specification — without prior knowledge of the system, and without waiting for a quotation to be prepared by hand.

Enter the dimensions, the load class and the cover you need. The configurator identifies the most economical technical solution that meets those requirements, points to the matching data sheet, and generates a 3D drawing, a bill of materials and a quotation.



WHAT IT SAVES YOU

- No product knowledge required — the questions guide the specification
- Immediate pricing instead of a quotation cycle
- The correct data sheet is identified automatically
- 3D drawing and bill of materials come with the quotation

THE RANGE

HOW IT WORKS

1 REGISTER ONCE

Email address, company name, VAT number, address and contact person. The email address becomes your user name; every later request is saved to your account.

2 SPECIFY THE SHAFT

Seven entries define the configuration — as described on pages 26 and 27.

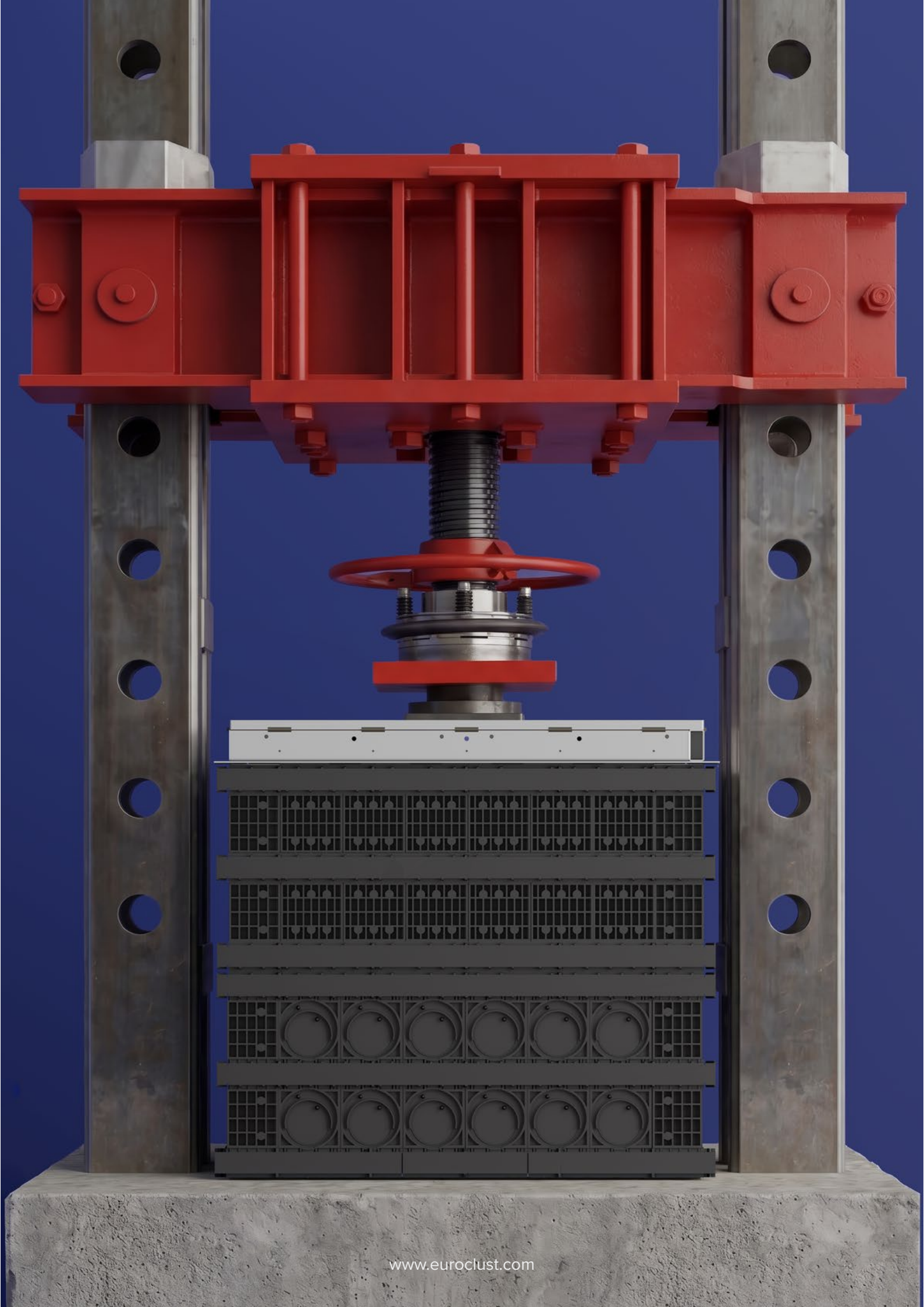
- | | |
|--------------------------|---------------------------|
| 1 · Clear width × length | 5 · Base plate, yes or no |
| 2 · Load class | 6 · Height adjustment |
| 3 · Cover material | 7 · Maximum total height |
| 4 · Locking type | |

3 RECEIVE THE SPECIFICATION

The configurator determines the best technical and most economical solution for the requirements entered.

YOU RECEIVE:

- | | |
|---------------------------|-------------------------------------|
| ■ The matching data sheet | ■ A 3D drawing of the configuration |
| ■ A quotation | ■ A complete bill of materials |



CHAPTER

04 THE PROOF

CERTIFIED QUALITY

In several European countries a national building approval would have been enough to bring this product to market. We chose the European route instead — and we did so for a reason that benefits the specifier more than it benefits us.

National assessment bodies approve construction products for one country only. Their test requirements are, as a rule, **not publicly accessible**. A European Assessment Document is. Anyone writing a tender can look up exactly what was assessed, demand the same evidence from every bidder, and compare products against each other on equal terms.

There is currently **no harmonised standard** covering complete chamber systems — body and cover assessed together. In the absence of one, EOTA created the route of an individual European Technical Assessment based on a published Assessment Document. FODIS Box is certified along exactly this route.

Assessment Document	EAD 340225-00-1109 , February 2018 — Plastic chambers for underground network access applications installed below manhole tops
Published by	EOTA, retrievable at www.eota.eu
Cover standard	EN 124-1, EN 124-2, EN 124-3, EN 124-4, EN 124-5, EN 124-6
Marking	ETA and CE marking — the regulatory basis for free movement across the European single market, Switzerland and Türkiye

ASSESSED FOR
ETA + CE MARKING

COMPLIANT WITH
EAD 340225-00-1109
FROM FEBRUARY 2018

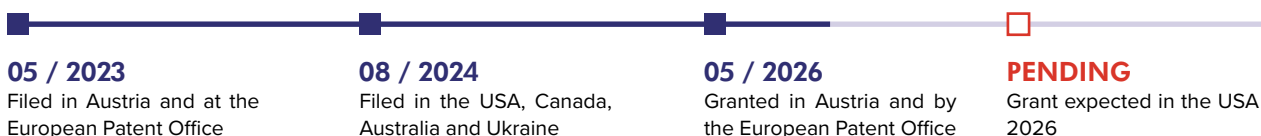
PATENTED IN
EU · USA
CANADA · AUSTRALIA

THE PROOF

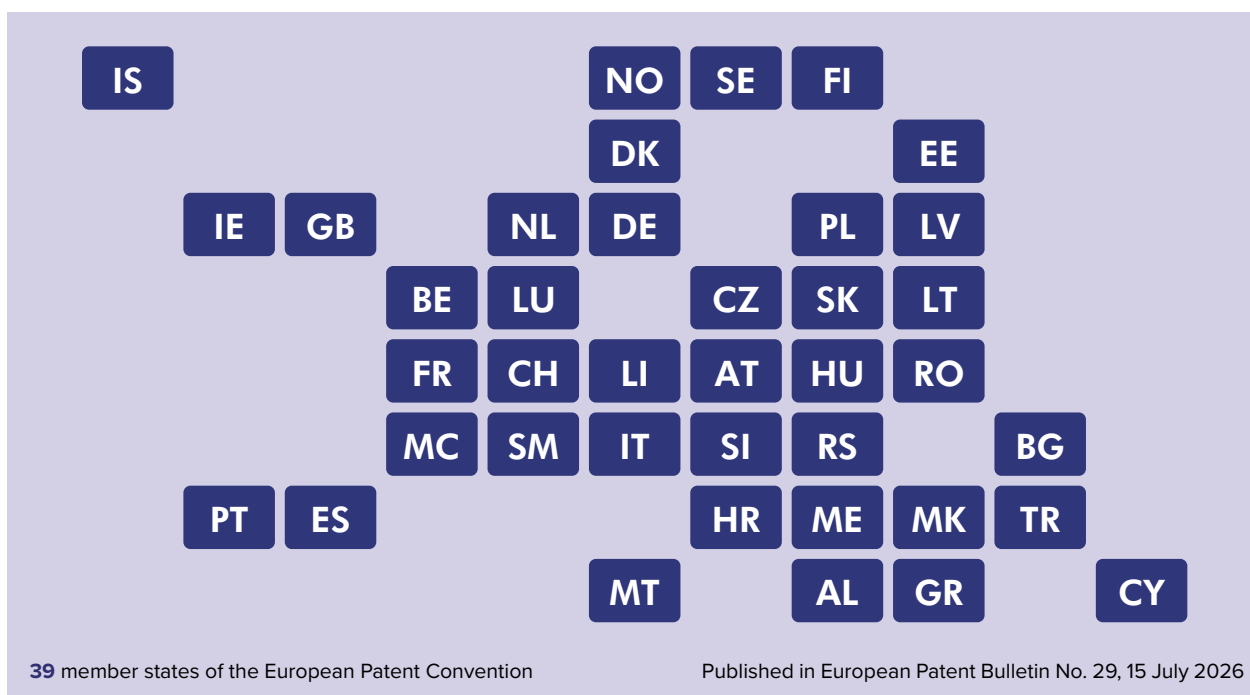
PATENT PROTECTION

The modular principle behind FODIS Box is protected by patent. For a buyer that matters in two ways: the system cannot simply be copied, and the supply of spare and replacement elements stays with one source for the service life of the shaft.

FILING AND GRANT



EUROPEAN PATENT — EPC MEMBER STATES



European patent

EP 4465465 · decision dated 24 April 2026, published in European Patent Bulletin No. 29 on 15 July 2026 · priority 17 May 2023 (AT 662023) · patent holder ELDI GmbH

Austrian patent

AT 527270 B1 2026-05-15 · granted 15 May 2026 · application AT 662023 filed 17 May 2023 · patent holder ELDI GmbH

Applications pending

USA, Canada, Australia, Ukraine · filed August 2024

THE PROOF

INDEPENDENT LOAD TESTING

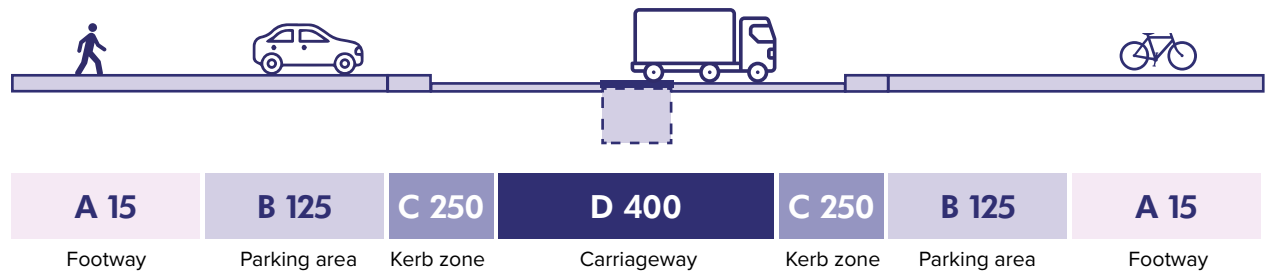
Ahead of certification, FODIS Box was subjected to independent pre-testing in line with the European Assessment Document EAD 340225-00-1109 (February 2018). The original test memorandum is reproduced and translated below.

BTI		MEMORANDUM	
COMMISSION		Pre-tests according to EAD 340225-00-1109, February 2018	
TEST SPECIMEN		2 plastic chambers, 880 mm (W) × 1120 mm (L) × 900 mm (H), with mild steel covers	
DATE AND PLACE OF TESTING		11 February 2026, BTI Puchenau	
FREE STANDING LOAD TESTS			
NO.	DESCRIPTION	MAX. LOAD	REMARK
1	Centre of plastic chamber, closed ducts	400 kN	30 s under full load
2	Centre of cover, closed ducts	400 kN, 440 kN	30 s under full load (both)
2A	Centre of cover, open ducts	400 kN	30 s under full load
SHEAR TESTS			
NO.	DESCRIPTION	MAX. LOAD	REMARK
S1	Shear test 1	80.6 kN max.	Frame overlaps support
S2	Shear test 2	56.1 kN max.	No overlap of frame and support construction – frame shears plastic off
11.02.2026 BTI PUCHENAU			

THE PROOF

LOAD CLASSES ACCORDING TO EN 124

EN 124 divides access covers into six classes according to where they are installed. The position within the road cross-section determines the class — not the type of shaft below it.



Typical road cross-section with the installation zones defined by EN 124.

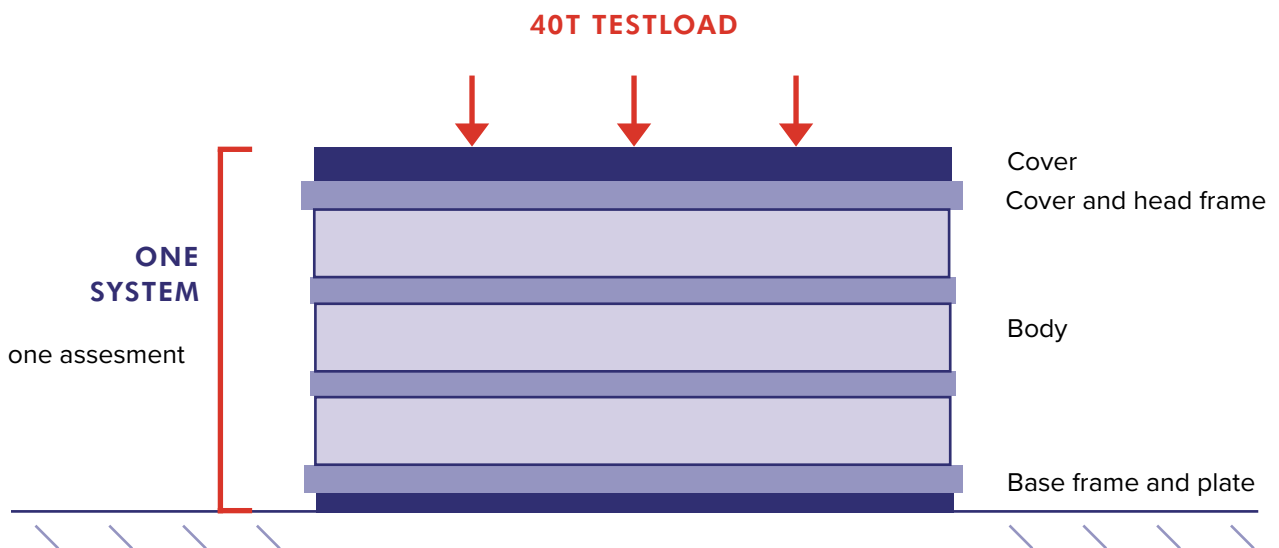
The classification is a minimum recommendation. The standard leaves the choice of class to the designer, and states that wherever there is any doubt, the next higher class is to be selected.

CLASS	TEST LOAD	AREA OF APPLICATION
 A 15	1.5 t	Areas accessible to pedestrians and pedal cyclists only
 B 125	12.5 t	Car parks and pedestrian areas with occasional vehicle access
 C 250	25 t	Gutter areas extending no more than 0.5 m into the carriageway from the kerb face
 D 400	40 t	Carriageways, hard shoulders and pedestrian areas open to all types of vehicle
 E 600	60 t	Loading areas and docks with high wheel loads outside range
 F 900	90 t	Aircraft pavements and comparable very high wheel loads · outside range

THE PROOF

TESTED AS A COMPLETE SYSTEM

A cover that passes D 400 on a test rig says nothing about the chamber underneath it. What carries the load is the assembly: base plate, body, frame and cover working together. FODIS Box is assessed as that assembly, by an independent test institute.



WHAT IS ASSESSED

- Base plate including reinforcement
- Body, in every clear height of the programme
- Cover frame and head frame
- Cover, in the material and class supplied
- The connections between all of them

WHY IT MATTERS IN A TENDER

A specification that names a load class for the cover alone leaves the chamber unproven. Asking for a system assessment closes that gap — and it is a requirement any supplier should be able to meet.

The FODIS Box body is designed for load class **D 400**. The complete system — base plate, body, cover and frame — is tested to the load class of the configuration supplied, by an independent institute.



THE PROOF

DEFINITIONS

The abbreviations used on the preceding pages, in the order of the approval process:

EOTA

EUROPEAN ORGANISATION FOR TECHNICAL ASSESSMENT

The Brussels-based umbrella organisation of the national approval bodies, established under the Construction Products Regulation. EOTA develops and publishes the assessment documents on which European approvals are based.

EAD

EUROPEAN ASSESSMENT DOCUMENT

A harmonised technical specification developed by EOTA, used as the basis for European Technical Assessments. Published and publicly accessible — which is what makes competing products comparable in a tender.

ETA

EUROPEAN TECHNICAL ASSESSMENT

An independent, Europe-wide procedure for assessing the essential performance characteristics of construction products that are not covered by a harmonised standard. ETAs issued after 1 July 2013 are valid without time limit.

TAB

TECHNICAL ASSESSMENT BODY

The independent bodies that issue European Technical Assessments. They are designated by EU member and partner states for a defined product area under Regulation (EU) No 305/2011.

AVCP

ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE

The procedure by which a product's performance is assessed and the consistency of those results is monitored over time. It is what makes a declaration of performance reliable rather than a one-off measurement.

CE

CE MARKING

Applied on the basis of an ETA in combination with an EAD. It permits free marketing of the product throughout the European single market, Switzerland and Türkiye.

In short: EOTA publishes the assessment document (EAD), an independent body (TAB) assesses the product against it and issues the assessment (ETA), continuous monitoring (AVCP) keeps the result valid, and the CE marking makes it visible.



CHAPTER

05

THE REFERENCE

DATA SHEETS

Ten shaft types form the FODIS Box programme. Each data sheet shows the complete configuration, the components it is built from and the article numbers required to order it.

THIS FIRST CATALOGUE EDITION CONTAINS THE FIRST FIVE TYPES

NO.	TYPE	CLEAR DIMENSIONS	COVER	QTY	PAGE
01	FB4080	400 × 800 mm	C	1	44
02	FB5664	560 × 640 mm	B	1	48
03	FB5613	560 × 1360 mm	B	2	52
04	FB8013	800 × 1360 mm	C	3	56
05	FB8811	880 × 1120 mm	E	2	60

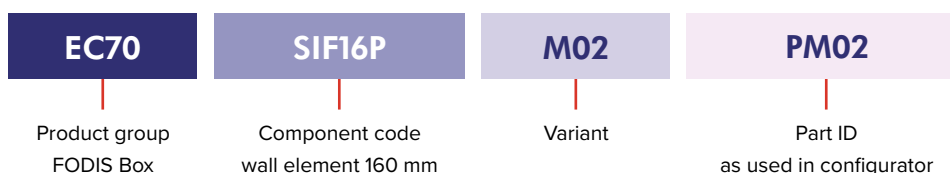
ACCESSORIES 65

SYMBOLS

- Available
- ∅ Knock-out, round
- Overbuildable opening
- ID ∅ Inner diameter
- OD ∅ Outer diameter
- CW Clear width
- CL Clear length
- CH Clear height
- Not available

ORDER NUMBER STRUCTURE

All FODIS Box article numbers follow the same pattern:



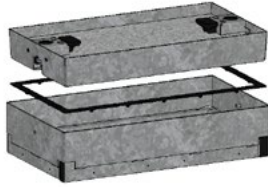
FODIS Box 400×800mm

Modular manhole system · D400

Clear: 400×800mm
 External: 580×980mm
 Load class D400

HEAD

COVER EXECUTIONS



Paveable
Weight: 95kg



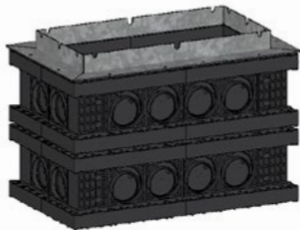
Ductile iron
Weight: 78kg



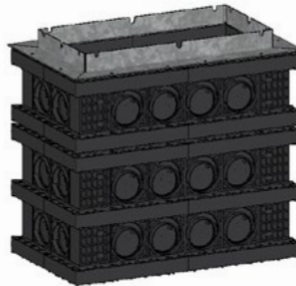
Concrete
Weight: 85kg

BODY

CLEAR HEIGHTS



600 mm
Weight: 81kg

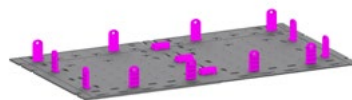


825 mm
Weight: 96kg



1050 mm
Weight: 111kg

BASE PLATE



Weight: 3kg

FODIS Box 400×800 mm · D400

FODIS Box Head

- ductile iron, concrete and paveable cover execution, height adjustable
- 4 locker types: Lic-Lock, COLT/TELENET, Inner hexagon, Outer hexagon
- all metal parts hot-galvanized

FODIS Box Base

- non-slip base plate
- openings/recesses for water drainage

FODIS Box Body

- flexible construction, easy to customize each level on request
- option to add different cuffs in hole element (stepped grommet)
- D400 execution contains a double frame in the middle with galvanized metal
- smallest step to change height is 75 mm
- polypropylene reinforced by 30% glass fiber

FODIS Box 400×800mm

Complete manhole · ductile iron cover D400

Clear: 400×800mm
External: 580×980mm
Load class D400**Clear height 600 mm**

• External height 720 mm



- 1 pc ductile iron cover type C (400x800mm, weight of cover 55kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 162kg

Clear height 825 mm

• External height 945 mm



- 1 pc ductile iron cover type C (400x800mm, weight of cover 55kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 177kg

Clear height 1050 mm

• External height 1170 mm



- 1 pc ductile iron cover type C (400x800mm, weight of cover 55kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 192kg

Ordering information

• Complete manhole with ductile iron cover with base plate, D400

Locking mechanism**Order number****400x800x600 D400**

no locker	EC71.060307D.26121-BHRH
hex locking	EC71.060307D.22121-BHRH
inner hexagon	EC71.060307D.23121-BHRH
LIC-LOCK	EC71.060307D.24121-BHRH
COLT/TELENET	EC71.060307D.25121-BHRH

400x800x825 D400

no locker	EC71.060310D.26121-BHHRH
hex locking	EC71.060310D.22121-BHHRH
inner hexagon	EC71.060310D.23121-BHHRH
LIC-LOCK	EC71.060310D.24121-BHHRH
COLT/TELENET	EC71.060310D.25121-BHHRH

400x800x1050 D400

no locker	EC71.060313D.26121-BHHRHH
hex locking	EC71.060313D.22121-BHHRHH
inner hexagon	EC71.060313D.23121-BHHRHH
LIC-LOCK	EC71.060313D.24121-BHHRHH
COLT/TELENET	EC71.060313D.25121-BHHRHH

FODIS Box 400×800mm

Complete manhole · concrete cover D400

Clear: 400×800mm

External: 580×980mm

Load class D400

Clear height 600 mm

• External height 770 mm



- 1 pc concrete cover type C (400x800mm, weight of cover 53kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 169kg

Clear height 825 mm

• External height 995 mm



- 1 pc concrete cover type C (400x800mm, weight of cover 53kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 184kg

Clear height 1050 mm

• External height 1220 mm



- 1 pc concrete cover type C (400x800mm, weight of cover 53kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 199kg

Ordering information

• Complete manhole with concrete cover with base plate, D400

Locking mechanism**Order number****400x800x600 D400**

no locker	EC71.060307D.36132-BHRH
hex locking	EC71.060307D.32132-BHRH
inner hexagon	EC71.060307D.33132-BHRH
LIC-LOCK	EC71.060307D.34132-BHRH
COLT/TELENET	EC71.060307D.35132-BHRH

400x800x825 D400

no locker	EC71.060310D.36132-BHHRH
hex locking	EC71.060310D.32132-BHHRH
inner hexagon	EC71.060310D.33132-BHHRH
LIC-LOCK	EC71.060310D.34132-BHHRH
COLT/TELENET	EC71.060310D.35132-BHHRH

400x800x1050 D400

no locker	EC71.060313D.36132-BHHRHH
hex locking	EC71.060313D.32132-BHHRHH
inner hexagon	EC71.060313D.33132-BHHRHH
LIC-LOCK	EC71.060313D.34132-BHHRHH
COLT/TELENET	EC71.060313D.35132-BHHRHH

FODIS Box 400×800mm

Complete manhole · paveable cover D400

Clear: 400×800mm

External: 580×980mm

Load class D400

Clear height 600 mm

• External height 815 mm



- 1 pc paveable cover type C (400x800mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 179kg

Clear height 825 mm

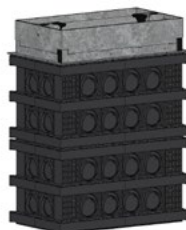
• External height 1040 mm



- 1 pc paveable cover type C (400x800mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 194kg

Clear height 1050 mm

• External height 1265 mm



- 1 pc paveable cover type C (400x800mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 209kg

Ordering information

• Complete manhole with paveable cover with base plate, D400

Locking mechanism	Order number
400x800x600 D400	
no locker	EC71.060307D.46153-BHRH
hex locking	EC71.060307D.42153-BHRH
inner hexagon	EC71.060307D.43153-BHRH
LIC-LOCK	EC71.060307D.44153-BHRH
COLT/TELENET	EC71.060307D.45153-BHRH
400x800x825 D400	
no locker	EC71.060310D.46153-BHHRH
hex locking	EC71.060310D.42153-BHHRH
inner hexagon	EC71.060310D.43153-BHHRH
LIC-LOCK	EC71.060310D.44153-BHHRH
COLT/TELENET	EC71.060310D.45153-BHHRH
400x800x1050 D400	
no locker	EC71.060313D.46153-BHHRHH
hex locking	EC71.060313D.42153-BHHRHH
inner hexagon	EC71.060313D.43153-BHHRHH
LIC-LOCK	EC71.060313D.44153-BHHRHH
COLT/TELENET	EC71.060313D.45153-BHHRHH

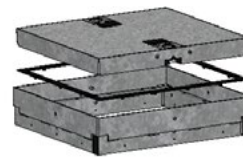
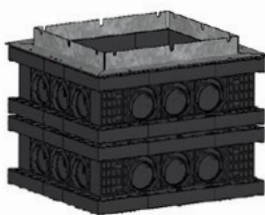
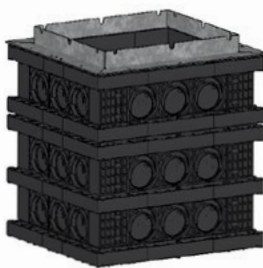
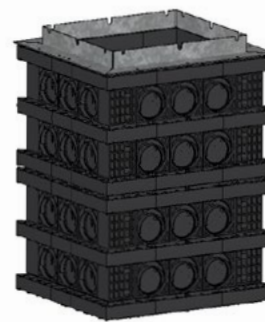
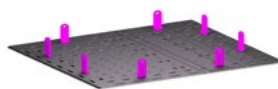
FODIS Box 560×640mm

Modular manhole system · D400

Clear: 560×640mm

External: 740×820mm

Load class D400

HEAD
COVER EXECUTIONSPaveable
Weight: 101kgDuctile iron
Weight: 94kgConcrete
Weight: 89kg**BODY**
CLEAR HEIGHTS600 mm
Weight: 89kg825 mm
Weight: 118kg1050 mm
Weight: 134kg**BASE PLATE**

Weight: 3kg

FODIS Box 560×640 mm · D400**FODIS Box Head**

- ductile iron, concrete and paveable cover execution, height adjustable
- 4 locker types: Lic-Lock, COLT/TELENET, Inner hexagon, Outer hexagon
- all metal parts hot-galvanized

FODIS Box Base

- non-slip base plate
- openings/recesses for water drainage

FODIS Box Body

- flexible construction, easy to customize each level on request
- option to add different cuffs in hole element (stepped grommet)
- D400 execution contains a double frame in the middle with galvanized metal
- smallest step to change height is 75 mm
- polypropylene reinforced by 30% glass fiber

FODIS Box 560×640mm

Complete manhole · ductile iron cover D400

Clear: 560×640mm

External: 740×820mm

Load class D400

Clear height 600 mm

• External height 720 mm



- 1 pc ductile iron cover type B (560x640mm, weight of cover 71kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 186kg

Clear height 825 mm

• External height 945 mm



- 1 pc ductile iron cover type B (560x640mm, weight of cover 71kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 215kg

Clear height 1050 mm

• External height 1170 mm



- 1 pc ductile iron cover type B (560x640mm, weight of cover 71kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 231kg

Ordering information

• Complete manhole with ductile iron cover with base plate, D400

Locking mechanism**Order number****560x640x600 D400**

no locker

EC71.050407D.26121.BHRH

hex locking

EC71.050407D.22121.BHRH

inner hexagon

EC71.050407D.23121.BHRH

LIC-LOCK

EC71.050407D.24121.BHRH

COLT/TELENET

EC71.050407D.25121.BHRH

560x640x825 D400

no locker

EC71.050410D.26121.BHHRH

hex locking

EC71.050410D.22121.BHHRH

inner hexagon

EC71.050410D.23121.BHHRH

LIC-LOCK

EC71.050410D.24121.BHHRH

COLT/TELENET

EC71.050410D.25121.BHHRH

560x640x1050 D400

no locker

EC71.050413D.26121.BHHRHH

hex locking

EC71.050413D.22121.BHHRHH

inner hexagon

EC71.050413D.23121.BHHRHH

LIC-LOCK

EC71.050413D.24121.BHHRHH

COLT/TELENET

EC71.050413D.25121.BHHRHH

FODIS Box 560×640mm

Complete manhole · concrete cover D400

Clear: 560×640mm

External: 740×820mm

Load class D400

Clear height 600 mm

• External height 770 mm



- 1 pc concrete cover type B (560x640mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 181kg

Clear height 825 mm

• External height 995 mm



- 1 pc concrete cover type B (560x640mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 210kg

Clear height 1050 mm

• External height 1220 mm



- 1 pc concrete cover type B (560x640mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 226kg

Ordering information

• Complete manhole with concrete cover with base plate, D400

Locking mechanism**Order number****560x640x600 D400**

no locker	EC71.050407D.36132-BHRH
hex locking	EC71.050407D.32132-BHRH
inner hexagon	EC71.050407D.33132-BHRH
LIC-LOCK	EC71.050407D.34132-BHRH
COLT/TELENET	EC71.050407D.35132-BHRH

560x640x825 D400

no locker	EC71.050410D.36132-BHHRH
hex locking	EC71.050410D.32132-BHHRH
inner hexagon	EC71.050410D.33132-BHHRH
LIC-LOCK	EC71.050410D.34132-BHHRH
COLT/TELENET	EC71.050410D.35132-BHHRH

560x640x1050 D400

no locker	EC71.050413D.36132-BHHRHH
hex locking	EC71.050413D.32132-BHHRHH
inner hexagon	EC71.050413D.33132-BHHRHH
LIC-LOCK	EC71.050413D.34132-BHHRHH
COLT/TELENET	EC71.050413D.35132-BHHRHH

FODIS Box 560×640mm

Complete manhole · paveable cover D400

Clear: 560×640mm

External: 740×820mm

Load class D400

Clear height 600 mm

• External height 815 mm



- 1 pc paveable cover type B (560x640mm, weight of cover 63kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 193kg

Clear height 825 mm

• External height 1040 mm



- 1 pc paveable cover type B (560x640mm, weight of cover 63kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 222kg

Clear height 1050 mm

• External height 1265 mm



- 1 pc paveable cover type B (560x640mm, weight of cover 63kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 238kg

Ordering information

• Complete manhole with paveable cover with base plate, D400

Locking mechanism**Order number****560x640x600 D400**

no locker	EC71.050407D.46153-BHRF
hex locking	EC71.050407D.42153-BHRF
inner hexagon	EC71.050407D.43153-BHRF
LIC-LOCK	EC71.050407D.44153-BHRF
COLT/TELENET	EC71.050407D.45153-BHRF

560x640x825 D400

no locker	EC71.050410D.46153-BHHRF
hex locking	EC71.050410D.42153-BHHRF
inner hexagon	EC71.050410D.43153-BHHRF
LIC-LOCK	EC71.050410D.44153-BHHRF
COLT/TELENET	EC71.050410D.45153-BHHRF

560x640x1050 D400

no locker	EC71.050413D.46153-BHHRFF
hex locking	EC71.050413D.42153-BHHRFF
inner hexagon	EC71.050413D.43153-BHHRFF
LIC-LOCK	EC71.050413D.44153-BHHRFF
COLT/TELENET	EC71.050413D.45153-BHHRFF

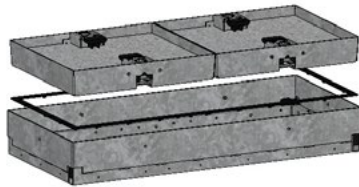
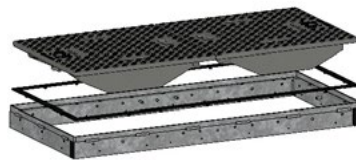
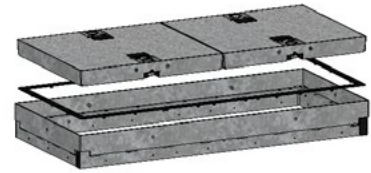
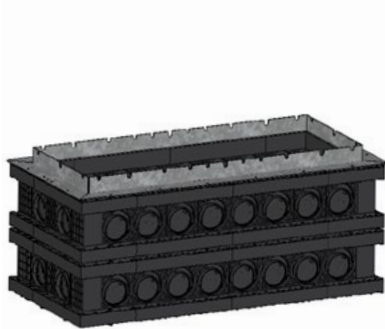
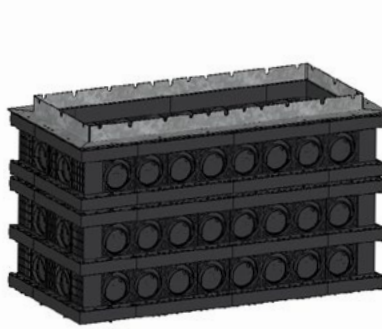
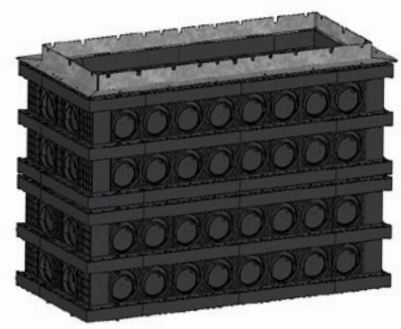
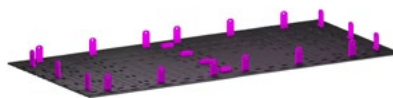
FODIS Box 560×1360mm

Modular manhole system · D400

Clear: 560×1360mm

External: 740×1540mm

Load class D400

HEAD
COVER EXECUTIONSPaveable
Weight: 183kgDuctile iron
Weight: 176kgConcrete
Weight: 162kg**BODY**
CLEAR HEIGHTS600 mm
Weight: 115,5kg825 mm
Weight: 134,5kg1050 mm
Weight: 150,5kg**BASE PLATE**

Weight: 7kg

FODIS Box 560×1360 mm · D400**FODIS Box Head**

- ductile iron, concrete and paveable cover execution, height adjustable
- 4 locker types: Lic-Lock, COLT/TELENET, Inner hexagon, Outer hexagon
- all metal parts hot-galvanized

FODIS Box Base

- non-slip base plate
- openings/recesses for water drainage

FODIS Box Body

- flexible construction, easy to customize each level on request
- option to add different cuffs in hole element (stepped grommet)
- D400 execution contains a double frame in the middle with galvanized metal
- smallest step to change height is 75 mm
- polypropylene reinforced by 30% glass fiber

FODIS Box 560×1360mm

Complete manhole · ductile iron cover D400

Clear: 560×1360mm

External: 740×1540mm

Load class D400

Clear height 600 mm

• External height 720 mm



- 2 pcs ductile iron covers type B (560x640mm, weight of cover 71kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 298,5kg

Clear height 825 mm

• External height 945 mm



- 2 pcs ductile iron covers type B (560x640mm, weight of cover 71kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 317,5kg

Clear height 1050 mm

• External height 1170 mm



- 2 pcs ductile iron covers type B (560x640mm, weight of cover 71kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 333,5kg

Ordering information

• Complete manhole with ductile iron cover with base plate, D400

Locking mechanism**Order number**

560x1360x600 D400	
no locker	EC71.140407D.26121-BHRH
hex locking	EC71.140407D.22121-BHRH
inner hexagon	EC71.140407D.23121-BHRH
LIC-LOCK	EC71.140407D.24121-BHRH
COLT/TELENET	EC71.140407D.25121-BHRH
560x1360x825 D400	
no locker	EC71.140410D.26121-BHHRH
hex locking	EC71.140410D.22121-BHHRH
inner hexagon	EC71.140410D.23121-BHHRH
LIC-LOCK	EC71.140410D.24121-BHHRH
COLT/TELENET	EC71.140410D.25121-BHHRH
560x1360x1050 D400	
no locker	EC71.140413D.26121-BHHRHH
hex locking	EC71.140413D.22121-BHHRHH
inner hexagon	EC71.140413D.23121-BHHRHH
LIC-LOCK	EC71.140413D.24121-BHHRHH
COLT/TELENET	EC71.140413D.25121-BHHRHH

FODIS Box 560×1360mm

Complete manhole · concrete cover D400

Clear: 560×1360mm

External: 740×1540mm

Load class D400

Clear height 600 mm

• External height 770 mm



- 2 pcs concrete covers type B (560x640mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 284,5kg

Clear height 825 mm

• External height 995 mm



- 2 pcs concrete covers type B (560x640mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 303,5kg

Clear height 1050 mm

• External height 1220 mm



- 2 pcs concrete covers type B (560x640mm, weight of cover 57kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 319,5kg

Ordering information

• Complete manhole with concrete cover with base plate, D400

Locking mechanism**Order number****560x1360x600 D400**

no locker EC71.140407D.66132-BHRH

hex locking EC71.140407D.62132-BHRH

inner hexagon EC71.140407D.63132-BHRH

LIC-LOCK EC71.140407D.64132-BHRH

COLT/TELENET EC71.140407D.65132-BHRH

560x1360x825 D400

no locker EC71.140410D.66132-BHHRH

hex locking EC71.140410D.62132-BHHRH

inner hexagon EC71.140410D.63132-BHHRH

LIC-LOCK EC71.140410D.64132-BHHRH

COLT/TELENET EC71.140410D.65132-BHHRH

560x1360x1050 D400

no locker EC71.140413D.66132-BHHRHH

hex locking EC71.140413D.62132-BHHRHH

inner hexagon EC71.140413D.63132-BHHRHH

LIC-LOCK EC71.140413D.64132-BHHRHH

COLT/TELENET EC71.140413D.65132-BHHRHH

FODIS Box 560×1360mm

Complete manhole · paveable cover D400

Clear: 560×1360mm

External: 740×1540mm

Load class D400

Clear height 600 mm

• External height 815 mm



- 2 pcs paveable covers type B (560x640mm, weight of cover 63kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 305,5kg

Clear height 825 mm

• External height 1040 mm



- 2 pcs paveable covers type B (560x640mm, weight of cover 63kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 324,5kg

Clear height 1050 mm

• External height 1265 mm



- 2 pcs paveable covers type B (560x640mm, weight of cover 63kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 340,5kg

Ordering information

• Complete manhole with paveable cover with base plate, D400

Locking mechanism**Order number****560x1360x600 D400**

no locker	EC71.140407D.86153-BHRH
hex locking	EC71.140407D.82153-BHRH
inner hexagon	EC71.140407D.83153-BHRH
LIC-LOCK	EC71.140407D.84153-BHRH
COLT/TELENET	EC71.140407D.85153-BHRH

560x1360x825 D400

no locker	EC71.140410D.86153-BHHRH
hex locking	EC71.140410D.82153-BHHRH
inner hexagon	EC71.140410D.83153-BHHRH
LIC-LOCK	EC71.140410D.84153-BHHRH
COLT/TELENET	EC71.140410D.85153-BHHRH

560x1360x1050 D400

no locker	EC71.140413D.86153-BHHRHH
hex locking	EC71.140413D.82153-BHHRHH
inner hexagon	EC71.140413D.83153-BHHRHH
LIC-LOCK	EC71.140413D.84153-BHHRHH
COLT/TELENET	EC71.140413D.85153-BHHRHH

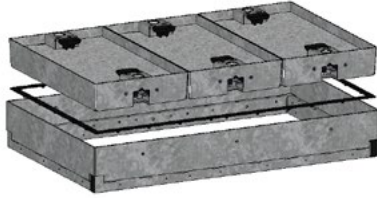
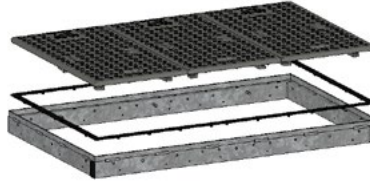
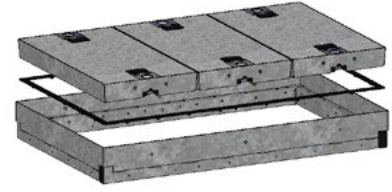
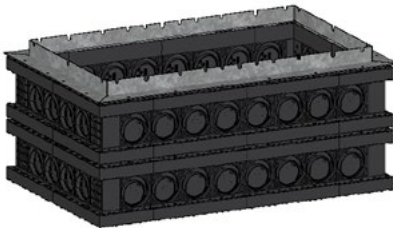
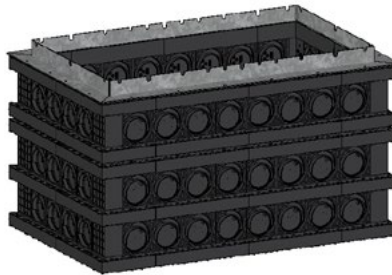
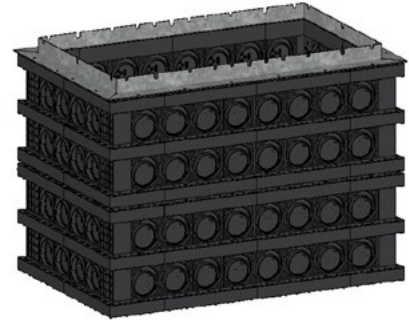
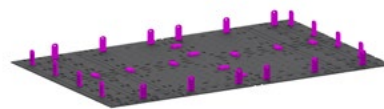
FODIS Box 800×1360mm

Modular manhole system · D400

Clear: 800×1360mm

External: 980×1540mm

Load class D400

HEAD
COVER EXECUTIONSPaveable
Weight: 237kgDuctile iron
Weight: 207kgConcrete
Weight: 213kg**BODY**
CLEAR HEIGHTS600 mm
Weight: 140kg825 mm
Weight: 165kg1050 mm
Weight: 190kg**BASE PLATE**

Weight: 8,5kg

FODIS Box 800×1360 mm · D400**FODIS Box Head**

- ductile iron, concrete and paveable cover execution, height adjustable
- 4 locker types: Lic-Lock, COLT/TELENET, Inner hexagon, Outer hexagon
- all metal parts hot-galvanized

FODIS Box Base

- non-slip base plate
- openings/recesses for water drainage

FODIS Box Body

- flexible construction, easy to customize each level on request
- option to add different cuffs in hole element (stepped grommet)
- D400 execution contains a double frame in the middle with galvanized metal
- smallest step to change height is 75 mm
- polypropylene reinforced by 30% glass fiber

FODIS Box 800×1360mm

Complete manhole · ductile iron cover D400

Clear: 800×1360mm

External: 980×1540mm

Load class D400

Clear height 600 mm

• External height 720 mm



- 3 pcs ductile iron covers type C (400x800mm, weight of cover 55kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 355,5kg

Clear height 825 mm

• External height 945 mm



- 3 pcs ductile iron covers type C (400x800mm, weight of cover 55kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 380,5kg

Clear height 1050 mm

• External height 1170 mm



- 3 pcs ductile iron covers type C (400x800mm, weight of cover 55kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 405,5kg

Ordering information

• Complete manhole with ductile iron cover with base plate, D400

Locking mechanism**Order number****800x1360x600 D400**

no locker EC71.140907D.26121-BHRH

hex locking EC71.140907D.22121-BHRH

inner hexagon EC71.140907D.23121-BHRH

LIC-LOCK EC71.140907D.24121-BHRH

COLT/TELENET EC71.140907D.25121-BHRH

800x1360x825 D400

no locker EC71.140910D.26121-BHHRH

hex locking EC71.140910D.22121-BHHRH

inner hexagon EC71.140910D.23121-BHHRH

LIC-LOCK EC71.140910D.24121-BHHRH

COLT/TELENET EC71.140910D.25121-BHHRH

800x1360x1050 D400

no locker EC71.140913D.26121-BHHRHH

hex locking EC71.140913D.22121-BHHRHH

inner hexagon EC71.140913D.23121-BHHRHH

LIC-LOCK EC71.140913D.24121-BHHRHH

COLT/TELENET EC71.140913D.25121-BHHRHH

FODIS Box 800×1360mm

Complete manhole · concrete cover D400

Clear: 800×1360mm

External: 980×1540mm

Load class D400

Clear height 600 mm

• External height 785 mm



- 3 pcs concrete covers type C (400x800mm, weight of cover 52kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 361,5kg

Clear height 825 mm

• External height 1010 mm



- 3 pcs concrete covers type C (400x800mm, weight of cover 52kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 386,5kg

Clear height 1050 mm

• External height 1235 mm



- 3 pcs concrete covers type C (400x800mm, weight of cover 52kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 411,5kg

Ordering information

• Complete manhole with concrete cover with base plate, D400

Locking mechanism**Order number****800x1360x600 D400**

no locker EC71.140907D.76142-BHRH

hex locking EC71.140907D.72142-BHRH

inner hexagon EC71.140907D.73142-BHRH

LIC-LOCK EC71.140907D.74142-BHRH

COLT/TELENET EC71.140907D.75142-BHRH

800x1360x825 D400

no locker EC71.140910D.76142-BHHRH

hex locking EC71.140910D.72142-BHHRH

inner hexagon EC71.140910D.73142-BHHRH

LIC-LOCK EC71.140910D.74142-BHHRH

COLT/TELENET EC71.140910D.75142-BHHRH

800x1360x1050 D400

no locker EC71.140913D.76142-BHHRHH

hex locking EC71.140913D.72142-BHHRHH

inner hexagon EC71.140913D.73142-BHHRHH

LIC-LOCK EC71.140913D.74142-BHHRHH

COLT/TELENET EC71.140913D.75142-BHHRHH

FODIS Box 800×1360mm

Complete manhole · paveable cover D400

Clear: 800×1360mm
 External: 980×1540mm
 Load class D400

Clear height 600 mm

• External height 830 mm



- 3 pcs paveable covers type C (400x800mm, weight of cover 56kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 385,5kg

Clear height 825 mm

• External height 1055 mm



- 3 pcs paveable covers type C (400x800mm, weight of cover 56kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 410,5kg

Clear height 1050 mm

• External height 1280 mm



- 3 pcs paveable covers type C (400x800mm, weight of cover 56kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 435,5kg

Ordering information

• Complete manhole with paveable cover with base plate, D400

Locking mechanism**Order number****800x1360x600 D400**

no locker	EC71.140907D.96163-BHRH
hex locking	EC71.140907D.92163-BHRH
inner hexagon	EC71.140907D.93163-BHRH
LIC-LOCK	EC71.140907D.94163-BHRH
COLT/TELENET	EC71.140907D.95163-BHRH

800x1360x825 D400

no locker	EC71.140910D.76163-BHHRH
hex locking	EC71.140910D.72163-BHHRH
inner hexagon	EC71.140910D.73163-BHHRH
LIC-LOCK	EC71.140910D.74163-BHHRH
COLT/TELENET	EC71.140910D.75163-BHHRH

800x1360x1050 D400

no locker	EC71.140913D.76163-BHHRHH
hex locking	EC71.140913D.72163-BHHRHH
inner hexagon	EC71.140913D.73163-BHHRHH
LIC-LOCK	EC71.140913D.74163-BHHRHH
COLT/TELENET	EC71.140913D.75163-BHHRHH

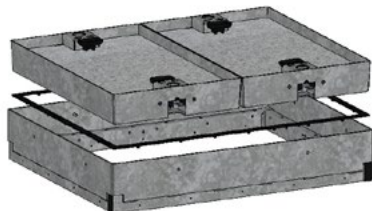
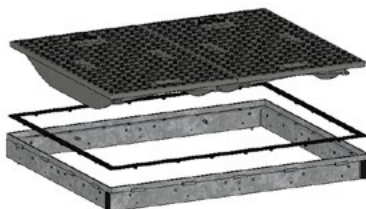
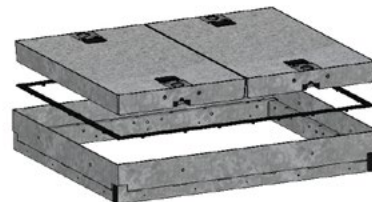
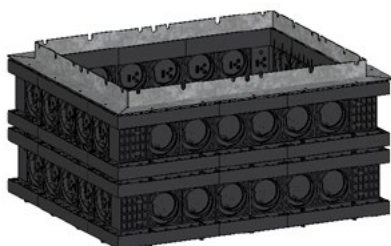
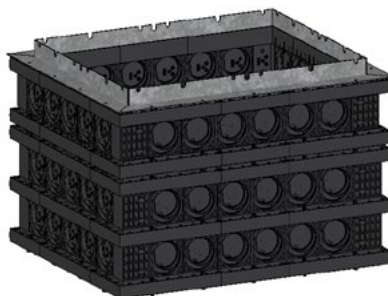
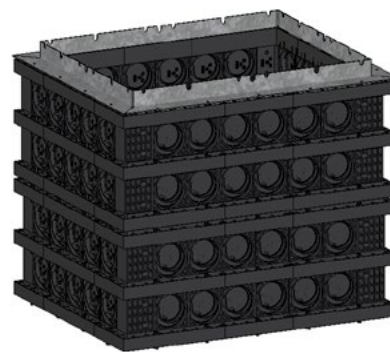
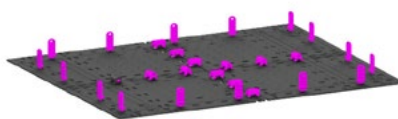
FODIS Box 880×1120mm

Modular manhole system · D400

Clear: 880×1120mm

External: 1060×1300mm

Load class D400

HEAD
COVER EXECUTIONSPaveable
Weight: 235kgDuctile iron
Weight: 199kgConcrete
Weight: 214kg**BODY**
CLEAR HEIGHTS600 mm
Weight: 127,5kg825 mm
Weight: 151,5kg1050 mm
Weight: 175,5kg**BASE PLATE**

Weight: 7,5kg

FODIS Box 880×1120 mm · D400**FODIS Box Head**

- ductile iron, concrete and paveable cover execution, height adjustable
- 4 locker types: Lic-Lock, COLT/TELENET, Inner hexagon, Outer hexagon
- all metal parts hot-galvanized

FODIS Box Base

- non-slip base plate
- openings/recesses for water drainage

FODIS Box Body

- flexible construction, easy to customize each level on request
- option to add different cuffs in hole element (stepped grommet)
- D400 execution contains a double frame in the middle with galvanized metal
- smallest step to change height is 75 mm
- polypropylene reinforced by 30% glass fiber

FODIS Box 880×1120mm

Complete manhole · ductile iron cover D400

Clear: 880×1120mm
External: 1060×1300mm
Load class D400**Clear height 600 mm**

• External height 720 mm



- 2 pcs ductile iron covers type E (560x880mm, weight of cover 83kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 334kg

Clear height 825 mm

• External height 945 mm



- 2 pcs ductile iron covers type E (560x880mm, weight of cover 83kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 358kg

Clear height 1050 mm

• External height 1170 mm



- 2 pcs ductile iron covers type E (560x880mm, weight of cover 83kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 382kg

Ordering information

• Complete manhole with ductile iron cover with base plate, D400

Locking mechanism	Order number
880x1120x600 D400	
no locker	EC71.080607D.26121-BHRH
hex locking	EC71.080607D.22121-BHRH
inner hexagon	EC71.080607D.23121-BHRH
LIC-LOCK	EC71.080607D.24121-BHRH
COLT/TELENET	EC71.080607D.25121-BHRH
880x1120x825 D400	
no locker	EC71.080610D.26121-BHHRH
hex locking	EC71.080610D.22121-BHHRH
inner hexagon	EC71.080610D.23121-BHHRH
LIC-LOCK	EC71.080610D.24121-BHHRH
COLT/TELENET	EC71.080610D.25121-BHHRH
880x1120x1050 D400	
no locker	EC71.080613D.26121-BHHRHH
hex locking	EC71.080613D.22121-BHHRHH
inner hexagon	EC71.080613D.23121-BHHRHH
LIC-LOCK	EC71.080613D.24121-BHHRHH
COLT/TELENET	EC71.080613D.25121-BHHRHH

FODIS Box 880×1120mm

Complete manhole · concrete cover D400

Clear: 880×1120mm
External: 1060×1300mm
Load class D400**Clear height 600 mm**

• External height 785 mm



- 2 pcs concrete covers type E (560x880mm, weight of cover 80kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 349kg

Clear height 825 mm

• External height 1010 mm



- 2 pcs concrete covers type E (560x880mm, weight of cover 80kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 373kg

Clear height 1050 mm

• External height 1235 mm



- 2 pcs concrete covers type E (560x880mm, weight of cover 80kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 397kg

Ordering information

• Complete manhole with concrete cover with base plate, D400

Locking mechanism	Order number
880x1120x600 D400	
no locker	EC71.080607D.66142-BHRH
hex locking	EC71.080607D.62142-BHRH
inner hexagon	EC71.080607D.63142-BHRH
LIC-LOCK	EC71.080607D.64142-BHRH
COLT/TELENET	EC71.080607D.65142-BHRH
880x1120x825 D400	
no locker	EC71.080610D.66142-BHHRH
hex locking	EC71.080610D.62142-BHHRH
inner hexagon	EC71.080610D.63142-BHHRH
LIC-LOCK	EC71.080610D.64142-BHHRH
COLT/TELENET	EC71.080610D.65142-BHHRH
880x1120x1050 D400	
no locker	EC71.080613D.66142-BHHRHH
hex locking	EC71.080613D.62142-BHHRHH
inner hexagon	EC71.080613D.63142-BHHRHH
LIC-LOCK	EC71.080613D.64142-BHHRHH
COLT/TELENET	EC71.080613D.65142-BHHRHH

FODIS Box 880×1120mm

Complete manhole · paveable cover D400

Clear: 880×1120mm
 External: 1060×1300mm
 Load class D400

Clear height 600 mm

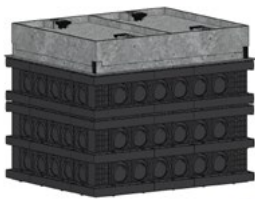
• External height 830 mm



- 2 pcs paveable covers type E (560x880mm, weight of cover 85kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 370kg

Clear height 825 mm

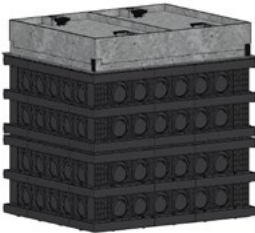
• External height 1055 mm



- 2 pcs paveable covers type E (560x880mm, weight of cover 85kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 394kg

Clear height 1050 mm

• External height 1280 mm



- 2 pcs paveable covers type E (560x880mm, weight of cover 85kg/pc)
- Cover frame with height adjustment, hot-dip galvanized steel
- Head frame, hot-dip galvanized steel
- Loading classification up to D400
- Galvanized steel inner reinforcement inside the double frame
- 6 stepped grommets per manhole (not assembled)
- Total weight: 418kg

Ordering information

• Complete manhole with paveable cover with base plate, D400

Locking mechanism**Order number****880x1120x600 D400**

no locker	EC71.080607D.86163-BHRH
hex locking	EC71.080607D.82163-BHRH
inner hexagon	EC71.080607D.83163-BHRH
LIC-LOCK	EC71.080607D.84163-BHRH
COLT/TELENET	EC71.080607D.85163-BHRH

880x1120x825 D400

no locker	EC71.080610D.86163-BHHRH
hex locking	EC71.080610D.82163-BHHRH
inner hexagon	EC71.080610D.83163-BHHRH
LIC-LOCK	EC71.080610D.84163-BHHRH
COLT/TELENET	EC71.080610D.85163-BHHRH

880x1120x1050 D400

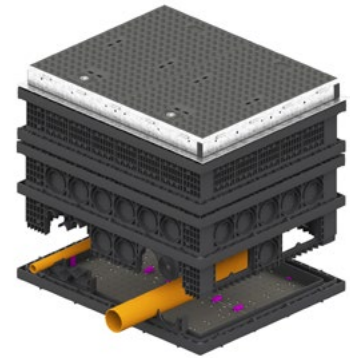
no locker	EC71.080613D.86163-BHHRHH
hex locking	EC71.080613D.82163-BHHRHH
inner hexagon	EC71.080613D.83163-BHHRHH
LIC-LOCK	EC71.080613D.84163-BHHRHH
COLT/TELENET	EC71.080613D.85163-BHHRHH

FODIS Box Accessories overbuild

Modular manhole system · frame, wall and accessory components

Accessories for overbuild solution

- Possibility to overbuild 1 existing pipe up to D=140mm (PM05S)
- Possibility to overbuild up to 2 existing pipes D=40-125mm (PI02S)
- Possibility to overbuild up to 3 existing pipes D=50mm (PI03)



Single overbuild splitted element 160x150mm - overbuild of 1 existing pipe up to D=140mm

EC72.SOH14P.M05-S

Part ID: PM05S

Splitted hole wall element has 2 pre-determined diameters 110mm and 140mm, which are possible to easily and quickly knocked out by hammer for made opening.

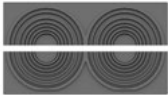


Double overbuild splitted element 320x150mm

EC72.ODEUXP.M07

Part ID: PM07

Base double element for overbuild adapters PI02,PI02S or PI03.
Element contains 2 parts - upper/lower.

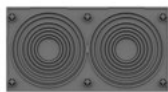


Double overbuild splitted adapter 320x150mm - overbuilding up 2 existing pipes D=40-125mm

EC72.AP125P.I02S

Part ID: PI02S

Splitted adapter need to be plug in by 6 pins into PM07. Two entry spots made from elastic material, openings possible to easily and quickly cut out by knife.



Double adapter 320x150mm - 2 entries for up to 2 pipes D=40-125mm

EC72.AP3X5P.I03

Part ID: PI02

Adapter need to be plug by 6 pins into PM07. Two entry spots made from elastic material, openings possible to easily and quickly cut out by knife.



Double overbuild adapter 320x150mm - for installation of up to 3 existing pipes D=50mm

EC72.AP3X5P.I03

Part ID: PI03

Splitted adapter need to be plug in by 6 pins into PM07. Entry spots made by plastic material, openings possible to easily and quickly knock out by hammer.

FODIS Box Accessories general

Modular manhole system · frame, wall and accessory components

Accessories general

 4 hole element SET 160x150mm EC72.SIOH5P.M06 Part ID: PM06 4 entries: D=50mm, reinforced PE material	 Hole wall element 160x150mm EC70.SOH1P.M05 Part ID: PM05 Entry D=110/140mm, reinforced PE material
 Microduct pipe adapter 3x50mm EC72.TE3X5C.R02 Part ID: CR02 3 entries: D=50mm, elastic material	 Stepped grommet 40-90mm EC72.SG409C.R01 Part ID: CR01 D=40,50,63,75 or 90mm, elastic material
 Microduct pipe adapter 3x50mm EC72.TI3X5C.R03 Part ID: CR03 3 entries D=50mm, elastic material	 Stepped grommets 3x20-50mm EC72.3SG25C.R04 Part ID: CR04 3 x D=20,30,40 and 50mm, elastic material
 Inner hexagonal head EC72.IHHKXX.000 Part ID: IHHK	 Lic-lock head EC72.LLHKXX.000 Part ID: LLHK
 Colt-Telenet head EC72.CTHKXX.000 Part ID: CTHK	 Hexagonal tool EC72.SSAF24.000 Part ID: HT01 socket spanner AF24 - 75 mm extension
 Allen key AF14 hex socket short EC70.AKAF14.00S Part ID: A14S Dimensions 150x70mm	 Allen key AF14 hex socket long EC70.AKAF14.00L Part ID: A14L Dimensions 300x70mm
 Inner hexagonal locking mechanisms EC72.IHLMXX.000 Part ID: IHLM	 Lic-lock locking mechanisms EC72.LLLMXX.000 Part ID: LLLM
 Outer hexagonal locking mechanisms EC72.OHLMXT.H01 Part ID: OHLM	 Colt-Telenet locking mechanisms EC72.CTLMXX.000 Part ID: CTLM
 Overlength cable holder EC72.OCHUXX.000 Part ID: OCHU	 Closure holder EC72.UCHXXC.H01 Part ID: CH01
 Customer specific logo EC72.CSLXXC.L01 Part ID: CL01	 Sealing plug for locker EC72.SPCLXS.P01 Part ID: SP01

FODIS Box Accessories general

Modular manhole system · frame, wall and accessory components

Accessories general

 Transport hook EC72.THXXXT.H01 Part ID: TH01	 Hole plug EC72.HPRLXH.P01 Part ID: HP01
 Lifting hook EC72.LH700L.H70 Part ID: LH70	 Storage cable bag EC70.CB5050.900-D Part ID: CB01
 Height adjustment set EC72.LH700L.H70 Part ID: LH70 4 screws with AF5 hexagon socket. Height adjustment up to +50mm	 Screw M10x45mm + nut M10 EC72.FSM10S.F10 Part ID: SF10 Screw and nut for connecting frames.
Cable storage 300mm EC72.CS300C.S01 Part ID: CS01 Cable overlength storage for min. bending radius 300mm.	Cable storage 330mm EC72.CS330C.S02 Part ID: CS02 Cable overlength storage for min. bending radius 330mm.
Cable storage 375mm EC72.CS375C.S01 Part ID: CS03 Cable overlength storage for min. bending radius 375mm.	Cable storage 420mm EC72.CS420C.S01 Part ID: CS04 Cable overlength storage for min. bending radius 420mm.



A series of horizontal bars of various colors (yellow, orange, pink, blue, green, red, purple, etc.) of varying lengths, stacked on the left side of the page.

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