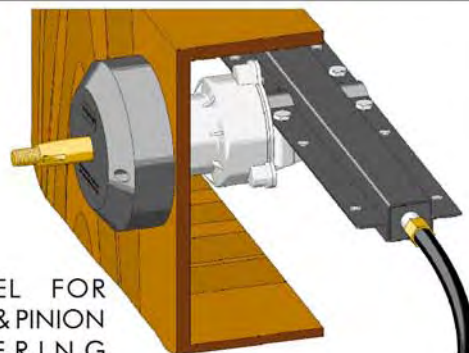
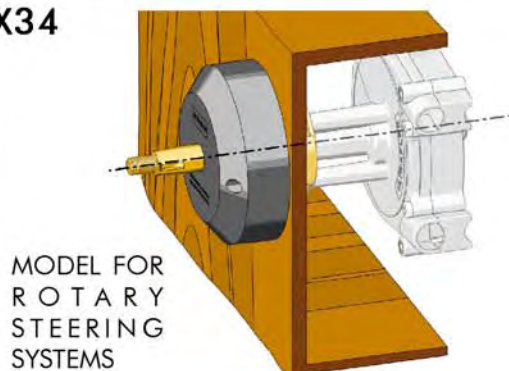


Installation instructions

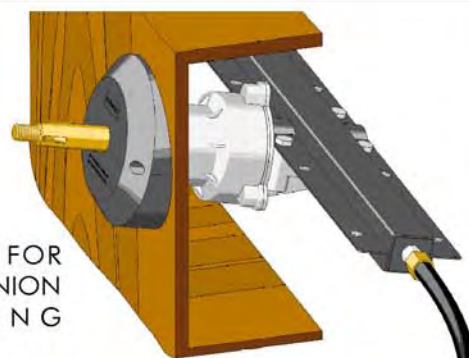
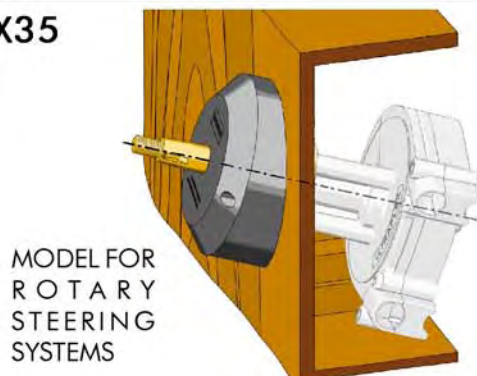
X34 - X35

BEZEL KIT FOR STEERING SYSTEMS T71FC-T72FC-T73NRFC-T74NRFC-G86-G88

X34



X35



X34 is the 90° mounting bezel. The wheel is perpendicular to the boat dashboard; X35 is the 20° mounting bezel.

WARNING

THESE INSTRUCTIONS INCLUDE IMPORTANT SAFETY INFORMATION TO BE GIVEN TO THE BOAT OWNER.

 **ULTRAFLEX** ^{CE}

UK

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PARTNER



USE OF THE MANUAL AND SYMBOLS USED

THE INSTALLATION AND MAINTENANCE MANUAL is the document accompanying the product from its sale to its replacement and discharge. The manual is an important part of the product itself.

It is necessary to read carefully the manual, before ANY ACTIVITY involving the product, handling and unloading included. In this manual the following symbols are used to ensure the user safety and to guarantee the correct operation of the product:

 DANGER	→ Immediate hazards which CAUSE severe personal injury or death.
 WARNING	→ Hazards or unsafe practices which COULD CAUSE severe personal injury or death.
 CAUTION	→ Hazards or unsafe practices which COULD CAUSE minor injury or product or property damage.
NOTICE	→ Important information for the correct installation and for maintenance, that does not cause any damage.
	→ The symbol aside indicates all the operations which must be carried out by qualified or skilled staff, in order to avoid hazards. We recommend training the staff in charge of the product installation and checking their knowledge.

INFORMATION LETTER

This installation and maintenance manual represents an important part of the product and must be available to the people in charge of its use and maintenance.

The user must know the content of this manual.

ULTRAFLEX declines all responsibility for possible mistakes in this manual due to printing errors.

Apart from the essential features of the described product, **ULTRAFLEX** reserves the right to make those modifications, such as descriptions, details and illustrations, that are considered to be suitable for its improvement, or for design or sales requirements, at any moment and without being obliged to update this publication.

ALL RIGHTS ARE RESERVED. Publishing rights, trademarks, part numbers and photographs of **ULTRAFLEX** products contained in this manual are **ULTRAFLEX** property.

Great care has been taken in collecting and checking the documentation contained in this manual to make it as complete and comprehensible as possible. Nothing contained in this manual can be interpreted as warranty either expressed or implied - including, not in a restricted way, the suitability warranty for any special purpose. Nothing contained in this manual can be interpreted as a modification or confirmation of the terms of any purchase contract.

WARNING

To ensure the correct product and component operation, the product must be installed by qualified staff. In case of part damage or malfunction, please contact the qualified staff or our Technical Assistance Service.

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WARRANTY

ULTRAFLEX guarantees that its products are well designed and free from manufacturing and material defects, for a period of two years from the date of manufacturing.

For the products which are installed and used on working or commercial boats the warranty is limited to one year from the date of manufacturing.

If during this period the product proves to be defective due to improper materials and/or manufacture, the manufacturer will repair or replace the defective parts free of charge.

Direct or indirect damage is not covered by this warranty. In particular the company is not responsible and this warranty will not cover the damage resulting from incorrect installation or use of the product (except for replacement or repair of defective parts according to the conditions and terms above).

This warranty does not cover the products installed on race boats or boats used in competitions.

The descriptions and illustrations contained in this manual should be used as general reference only.

For any further information please contact our Technical Assistance Service.

ULTRAFLEX steering systems are **CE** marked according to the Directive 94/25/CE and they are compliant to the ABYC (U.S.A.) requirements. We remind you that only **CE** marked steering systems must be used on boats marked **CE**. (Art. 3 and Art. 5 of the Directive 94/25/CE). We inform you that **ULTRAFLEX** warranty is null if some **ULTRAFLEX** components are installed on a steering system together with products of other brands.

1 INSTALLATION

1.1 Necessary tools



Phillips screwdriver



Pliers



Open end wrench 13mm [0.51"]



Open end wrench 18mm [0.71"]

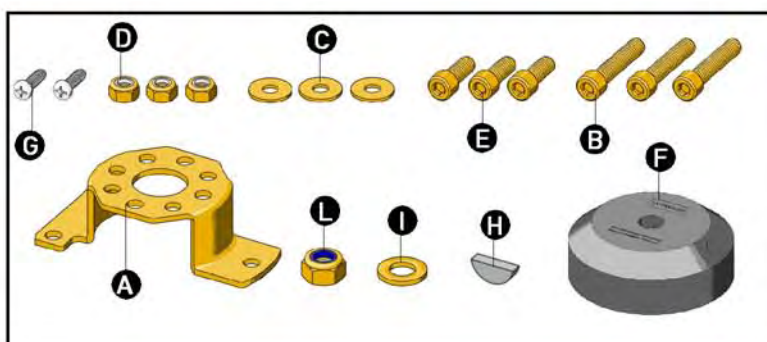


Drill

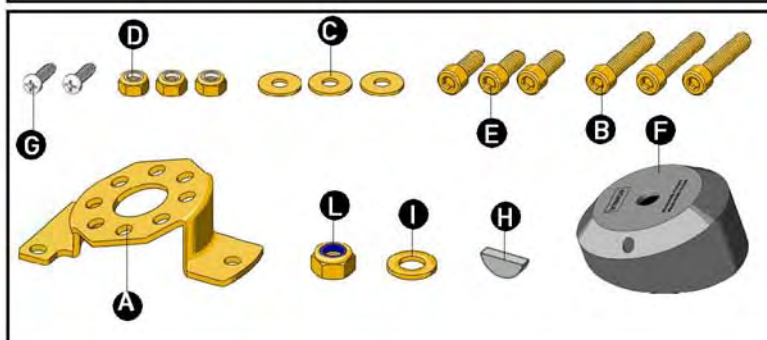


Allen wrench 6mm [0.23"]

1.2 Packaging contents



REF	X34
A	1 bracket
B	3 screws M8 x 45 UNI 5931
C	3 flat washers
D	3 nuts M8 UNI 5591
E	3 screws M8 x 20 UNI 5931
F	1 90° bezel
G	2 screws AB4, 8 x 19 UNI 6951
H	1 key
I	1 flat washer
L	1 nut M12



REF	X35
A	1 bracket
B	3 screws M8 x 45 UNI 5931
C	3 flat washers
D	3 nuts M8 UNI 5591
E	3 screws M8 x 20 UNI 5931
F	1 20° bezel
G	2 screws AB4, 8 x 19 UNI 6951
H	1 key
I	1 flat washer
L	1 nut M12



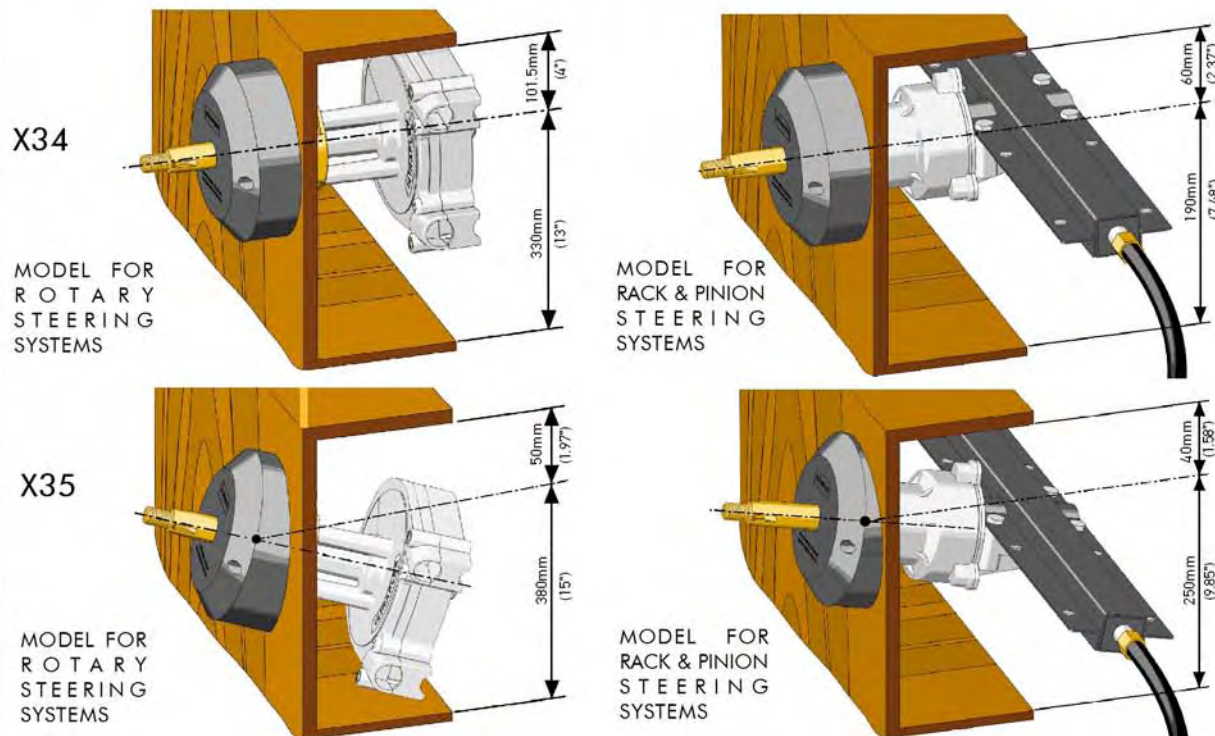
1.3 Steering system positioning

Refer to the steering system installation manual.

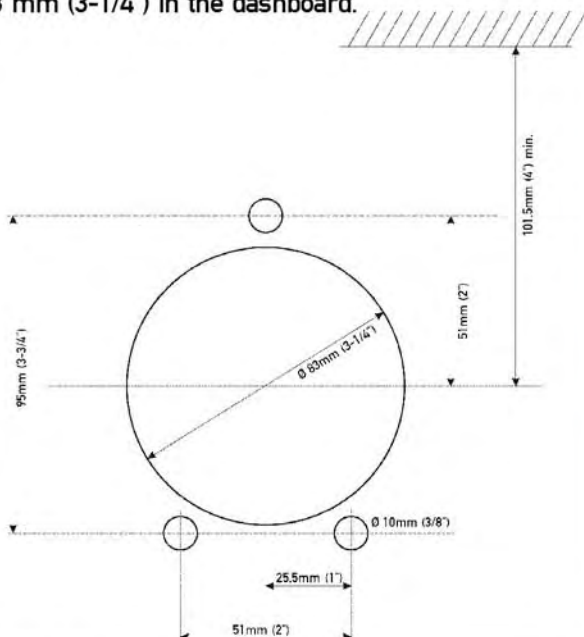
⚠ WARNING

The minimum bend radius for a steering cable is 200 mm (8"). A more severe bend will cause steering friction and reduce cable life.

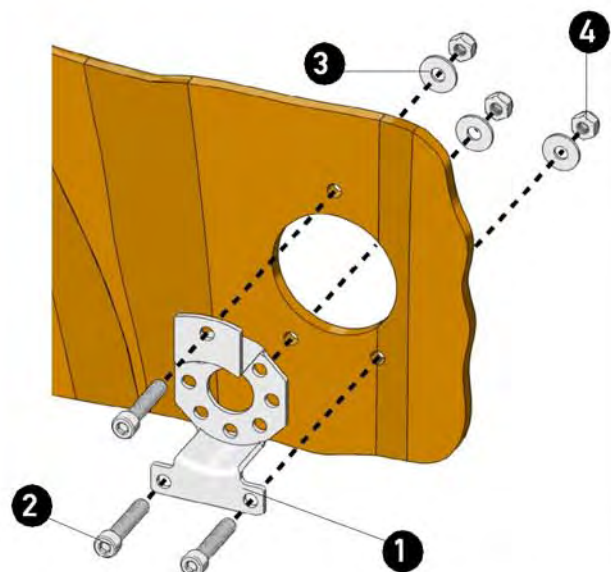
- 1 Make sure the distances between the centre of the shaft of the steering system and the bulkheads are equal or longer than those indicated in the picture.



- 2 By using the supplied drilling template position the steering system in the chosen place and create 3 holes of diameter 10 mm (3/8") and one of diameter 83 mm (3-1/4") in the dashboard.



- 3 Tighten the bracket (1) to the dashboard using three screws M8x45 (2), three washers (3) and three self-locking nuts M8 (4) with torque of 15 Nm (11.07 lb-ft).

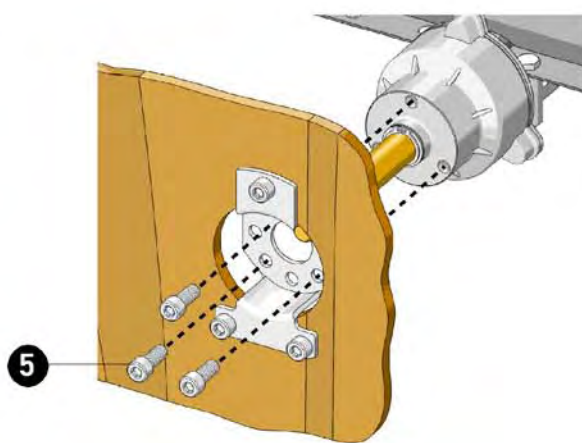
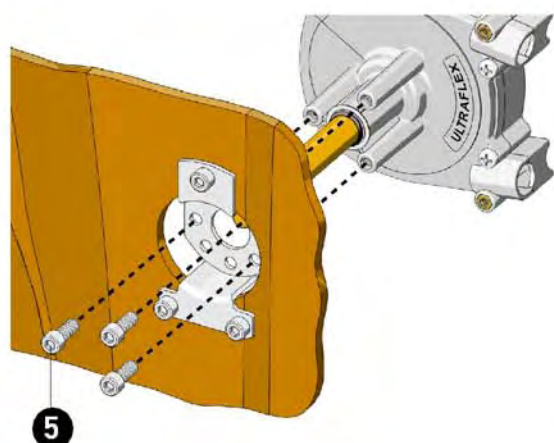


4 Insert the helm shaft from the back side of the dashboard through the hole of the mounting bracket.

The helm can be fixed in 5 different positions (every 45°). The right position will be determined by the mounting side of the cable.

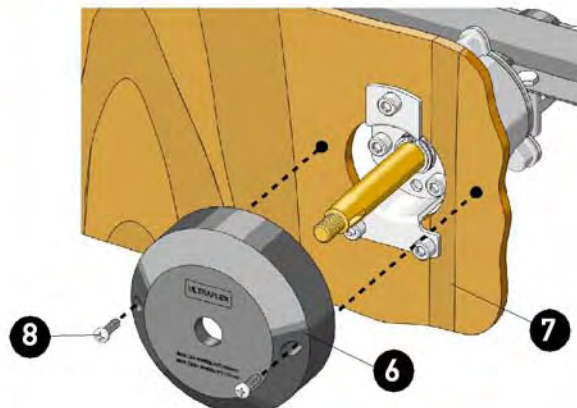
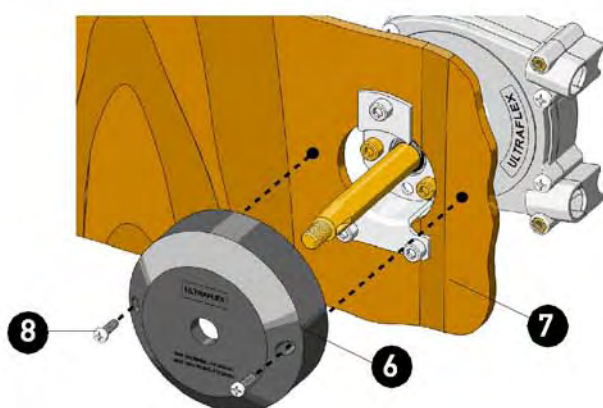
Place the helm in the selected position and align the holes for mounting.

Tighten the helm to the bracket with three screws M8x20 (5) with torque of 25 Nm (18,45 lb-ft).



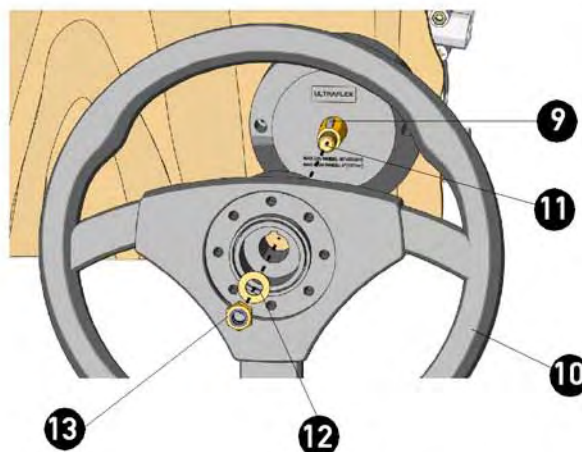
5 Insert the bezel (6) until it touches the dashboard (7).

Fix the bezel (6) to the dashboard (7) with two self-tapping screws (8).



6 Insert the steering wheel (10) on the helm shaft (11) aligning the recess of the hub with the key (9) of the shaft.

Insert the washer (12) and screw the M12 nut (13) on the hub of the steering wheel with torque of 35-40 Nm (310-354 lbs in).



⚠ WARNING

Use X34 and X35 bezels only with **ULTRAFLEX** steering systems.
Do not use X34 and X35 bezel kits with T67 and T85 steering systems.

⚠ WARNING

Do not use a steering wheel with diameter wider than 380 mm (15") and with depth exceeding 127 mm (5") on rotary steering systems. Do not use a steering wheel with diameter wider than 420 mm (16.5") and with depth exceeding 127 mm (5") on rack & pinion steering systems.

ENGLISH

1.4 Connection of the cable to the steering system



For the cable connection, see the steering system installation and maintenance manual.

2 DISMANTLING

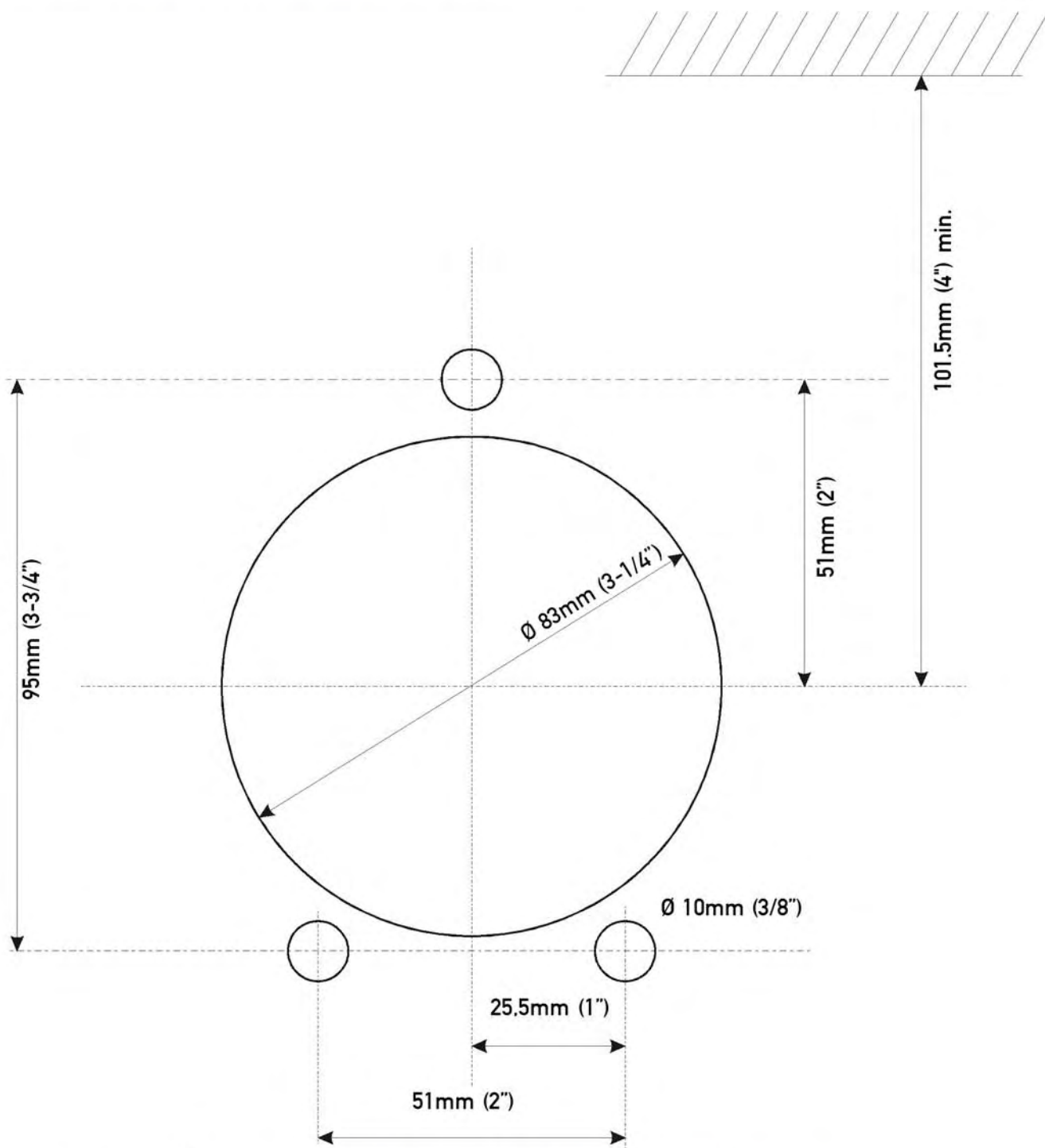
2.1 Dismantling

When for any reason, the system is put out of service, it is necessary to follow some rules in order to respect the environment.

Conduits, pipelines, plastic or non-metallic components must be disassembled and disposed of separately.



- UK** Drilling template for X34 and X35 bezels
- I** Dima di foratura per coprimozzi X34 e X35
- F** Gabarit de perçage pour brides X34 et X35



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CIO

