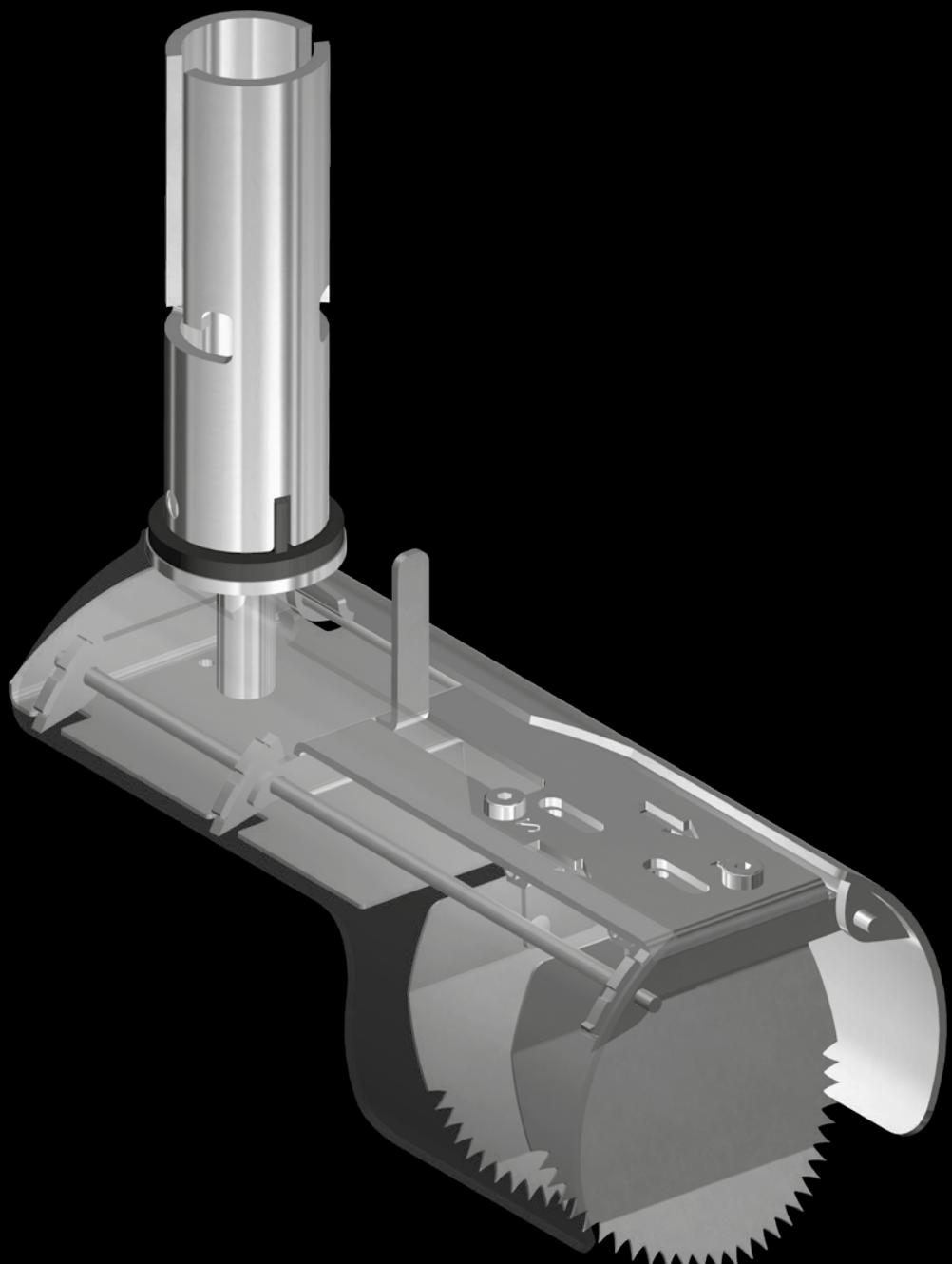


NORDISK INNOVATION

PRODUCT CATALOGUE 2022

ENGLISH



Tec-SolutionZ

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FOR CONCRETE WELLS WITH CONE

MOUTING KIT WG-14

Mouting kit WG-14 intended for mounting of rat blocker
in wells with completed with cone..



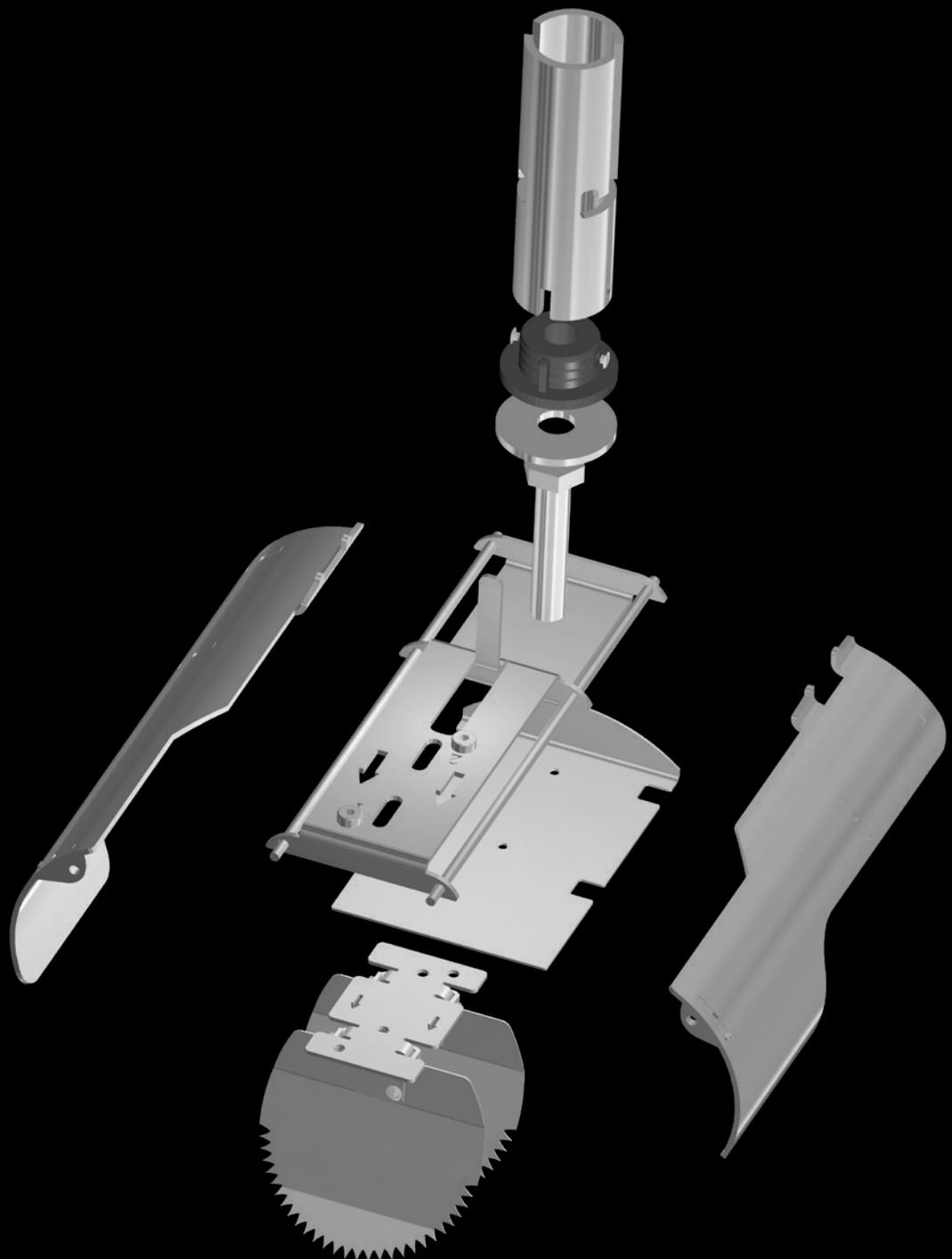
Mouting kit WG-14

See page 19 for more information.

RAT BLOCKER TX11

- STOPS RATS BEFORE THEY DO ANY DAMAGE

- VA-approved at the ETA DANMARK-VA 2.99/19953
- From Ø100 till Ø250mm, also for reline in these dimensions
- Made of stainless, treated steel AISI 316 AISI 316
- Simple assembly
- With an open bottom, so there aren't any obstacles in the bottom of the well
- Reversible valves so that it can installed in the inlet and outlet side



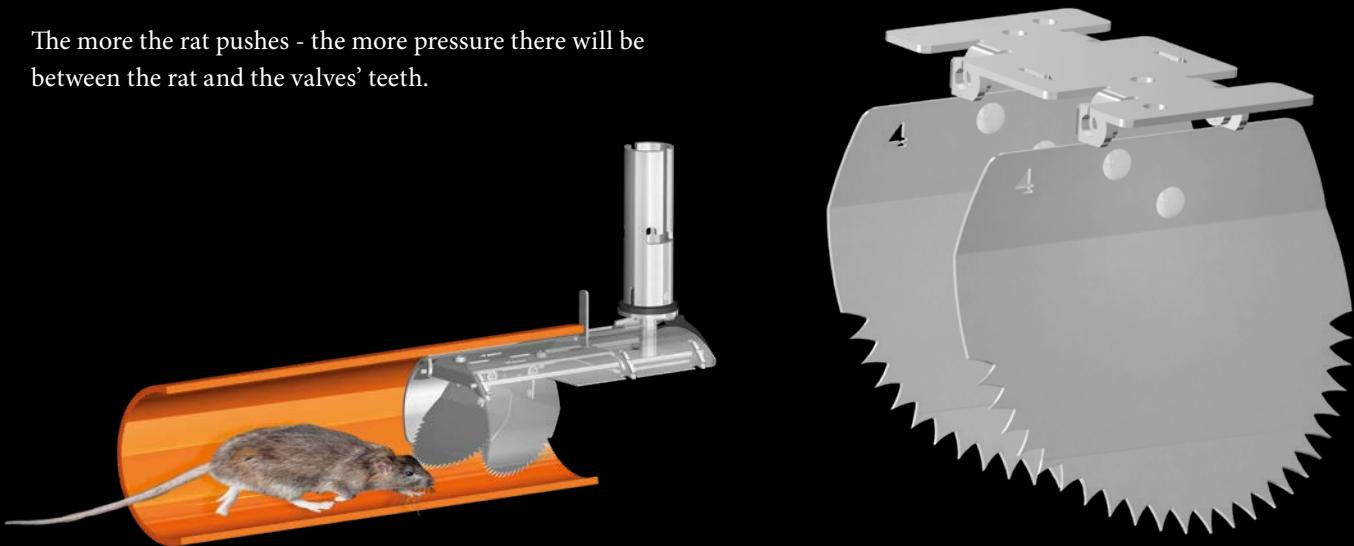
PATENTED VALVE SYSTEM

This valve system consists of 2 separate valves that are mounted on each axle.

There isn't a locking system between the 2 valves, which provides a reliable product and a minimal risk of clogging of the sewer .

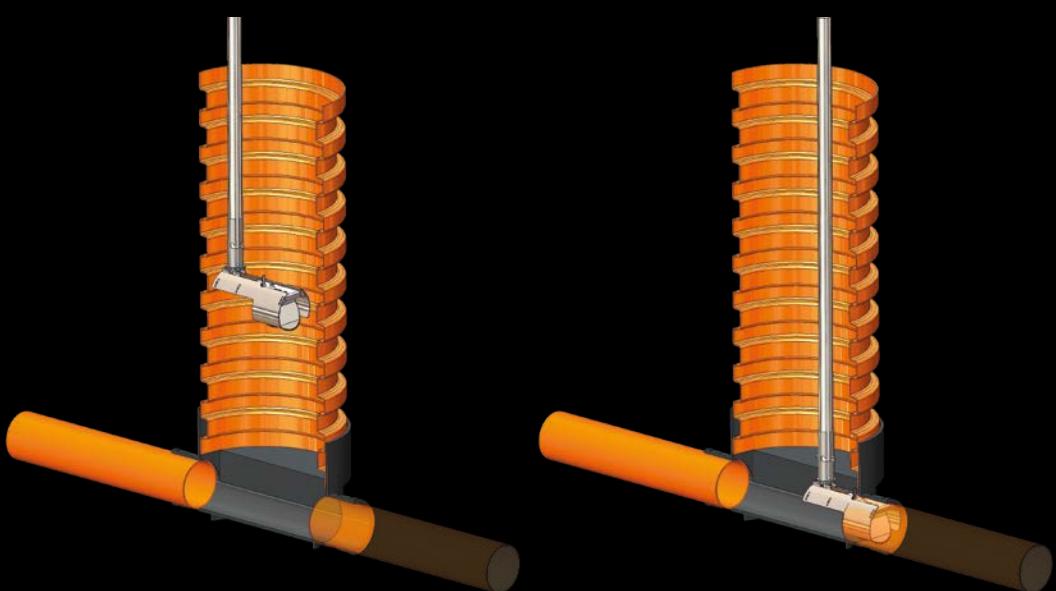
When the rat tries to climb the rat blocker, the valves' teeth grab hold of the rat and act as a wedge between the rat and the bottom of the tube due to the valves unique shape.

The more the rat pushes - the more pressure there will be between the rat and the valves' teeth.



SIMPLE, SAFE, AND QUICK ASSEMBLY

The rat blocker is inserted down the well and into the bottom channels and then the alignment tube is tightened.



DIMENSION GAUGE

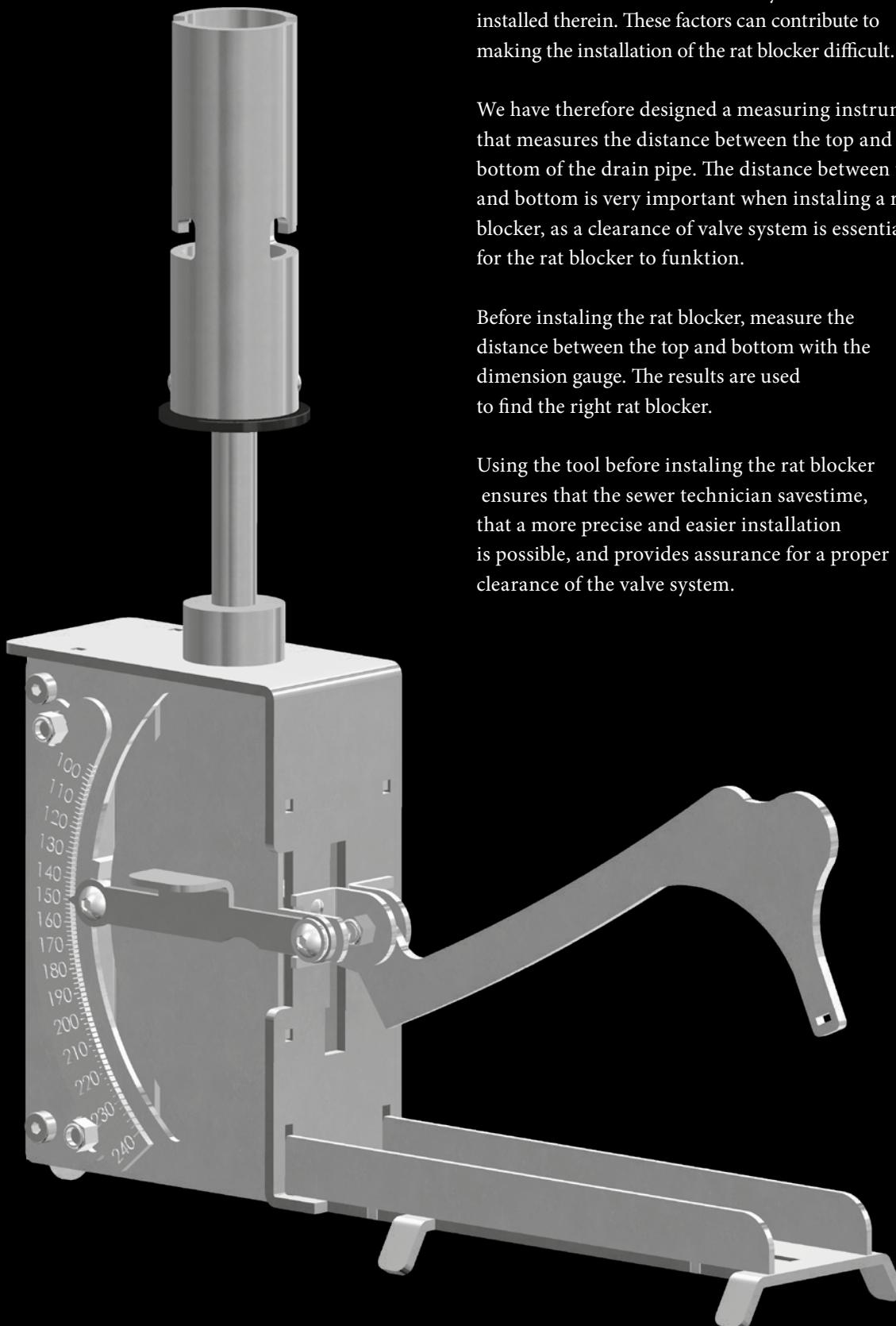
- ENSURE PROPER INSTALLATION OF TX11 EVERY TIME.

Pipe sizes can be difficult to see from 3-5 m in height, tubular sheath thickness may vary, older concrete sewers can be obsolete, or there may be a sleeve installed therein. These factors can contribute to making the installation of the rat blocker difficult.

We have therefore designed a measuring instrument that measures the distance between the top and bottom of the drain pipe. The distance between the top and bottom is very important when installing a rat blocker, as a clearance of valve system is essential for the rat blocker to function.

Before installing the rat blocker, measure the distance between the top and bottom with the dimension gauge. The results are used to find the right rat blocker.

Using the tool before installing the rat blocker ensures that the sewer technician saves time, that a more precise and easier installation is possible, and provides assurance for a proper clearance of the valve system.



UNIVERSAL

TX11 Ø100/110 universal

Materials: Acid resistant stainless steel AISI 316

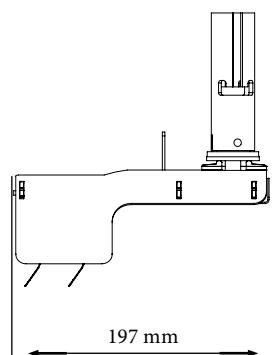
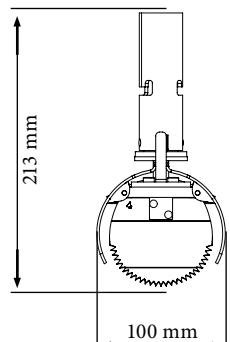
Installed in: Pvc and concrete

Tolerance int. pipe measurement: Ø99 - Ø103 mm

VA: Yes

Model no.: 15 43 92 016

Weight: 1.3 kg



TX11 Ø125 universal

Materials: Acid resistant stainless steel AISI 316

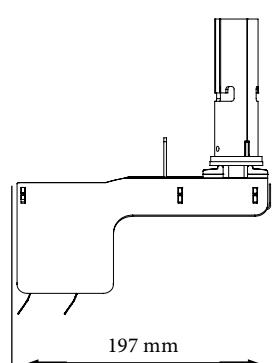
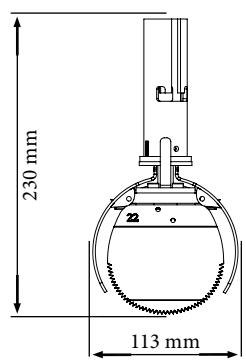
Installed in: Pvc

Tolerance int. pipe measurement: Ø113 - Ø118 mm

VA: Yes

Model no.: 15 43 92 012

Weight: 1.4 kg



TX11 Ø150/160 universal

Materials: Acid resistant stainless steel AISI 316

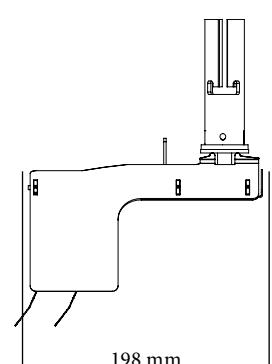
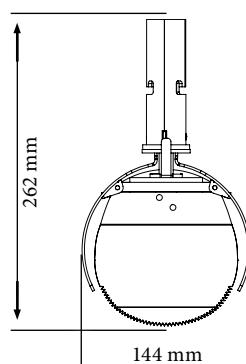
Installed in: Pvc and concrete

Tolerance int. pipe measurement: Ø147 - Ø151 mm

VA: Yes

Model no.: 15 43 92 018

Weight: 1.75 kg



TX11 Ø200 pvc universal

Materials: Acid resistant stainless steel AISI 316

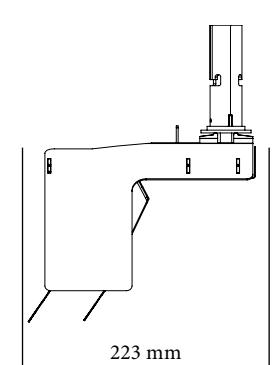
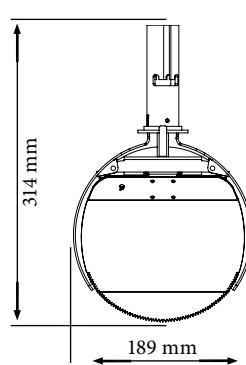
Installed in: Pvc

Tolerance int. pipe measurement: Ø185 - Ø190 mm

VA: Yes

Model no.: 15 43 92 020

Weight: 2.5 kg



TX11 Ø200 concrete universal

Materials: Acid resistant stainless steel AISI 316

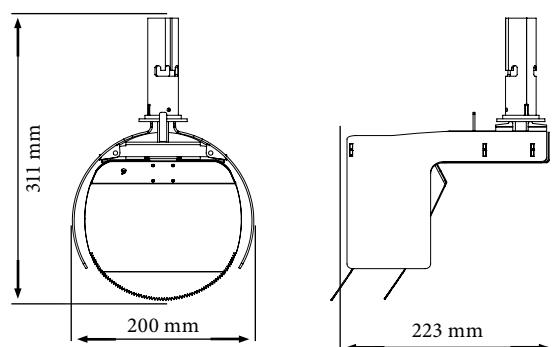
Installed in: Concrete

Tolerance int.
pipe
measurement: Ø197 - Ø202 mm

VA: Yes

Model no.: 15 43 92 921

Weight: 2.5 kg



TX11 Ø200 ultra universal

Materials: Acid resistant stainless steel AISI 316

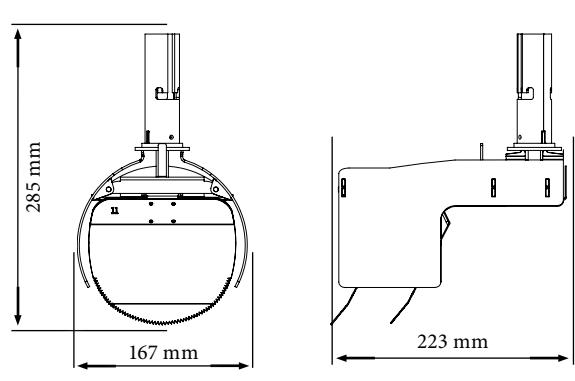
Installed in: Ultra tubes

Tolerance int.
pipe
measurement: Ø173 - Ø176 mm

VA: Yes

Model no.: 15 43 92 222

Weight: 2.5 kg



TX11 Ø250 pvc universal

Materials: Acid resistant stainless steel AISI 316

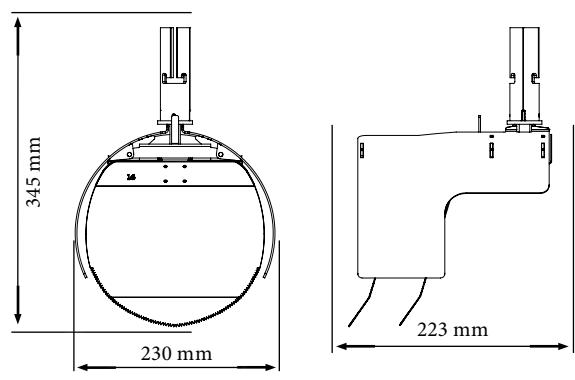
Installed in: Pvc

Tolerance int.
pipe
measurement: Ø233 - Ø237 mm

VA: Yes

Model no.: 15 43 92 030

Weight: 3.4 kg



TX11 Ø250 concrete universal

Materials: Acid resistant stainless steel AISI 316

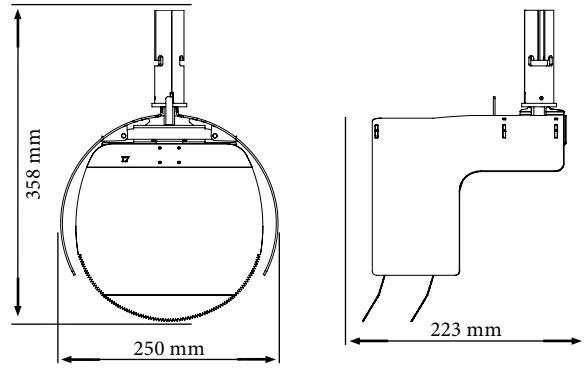
Installed in: Concrete

Tolerance int.
pipe
measurement: Ø246 - Ø251 mm

VA: Yes

Model no.: 15 43 92 031

Weight: 3.4 kg



UNIVERSAL

TX11 Ø250 ultra universal

Materials: Acid resistant stainless steel AISI 316

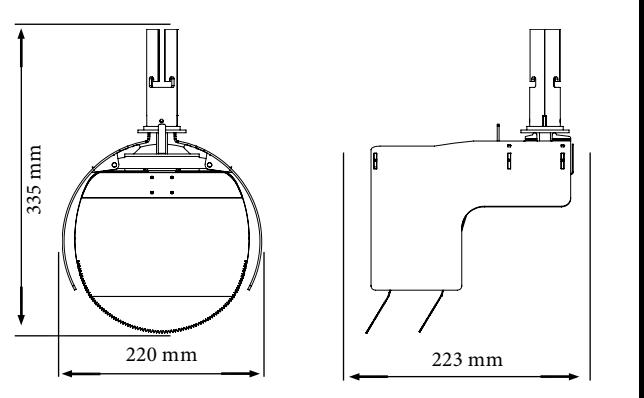
Installed in: Ultra tubes

Tolerance int.
pipe
measurement: Ø217 - Ø222 mm

VA: Yes

Model no.: 15 43 92 025

Weight: 3.4 kg



TX11 Ø300 concrete/315 pvc universal

Materials: Acid resistant stainless steel AISI 316

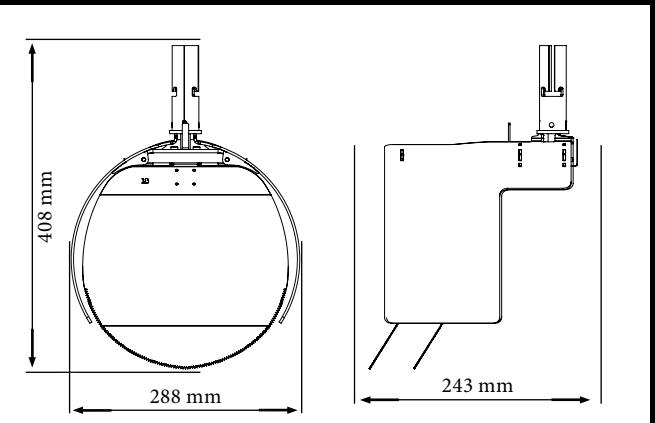
Installed in: concrete/PVC

Tolerance int.
pipe
measurement: Ø296 - Ø302 mm

VA: No

Model no.: 15 43 92 035

Weight: 4.2 kg



TX11 Ø315 ultra universal

Materials: Acid resistant stainless steel AISI 316

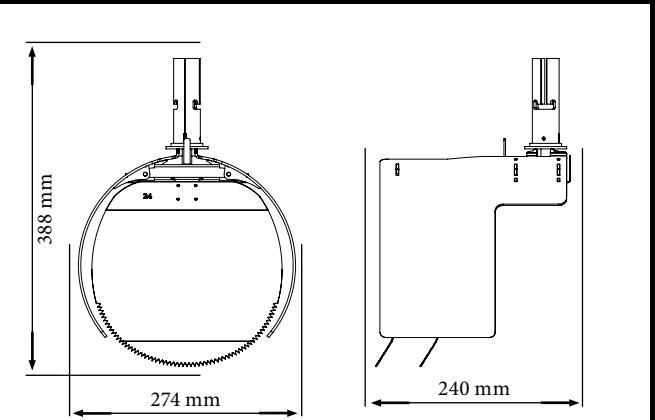
Installed in: Ultra tubes

Tolerance int.
pipe
measurement: Ø275 - Ø282 mm

VA: No

Model no.: 15 43 92 037

Weight: 5.3 kg



TX11 Ø350 concrete/400 ultra universal

Materials: Acid resistant stainless steel AISI 316

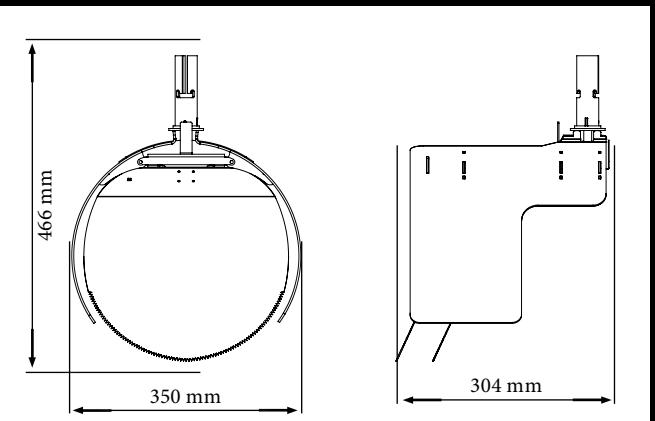
Installed in: 350 concrete/400 ultra

Tolerance int.
pipe
measurement: Ø348 - Ø352 mm

VA: No

Model no.: 15 43 92 039

Weight: 5.5 kg



TX11 Ø100/110 universal mini

Materials: Acid resistant stainless steel AISI 316

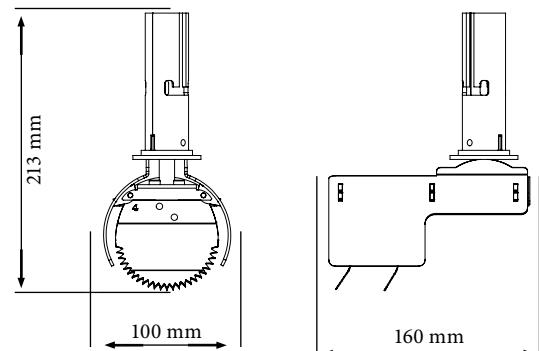
Installed in: Pvc and concrete

Tolerance int.
pipe
measurement: Ø99 - Ø103 mm

VA: Yes

Model no.: 119 59 17

Weight: 1.2 kg



TX11 Ø150/160 universal mini

Materials: Acid resistant stainless steel AISI 316

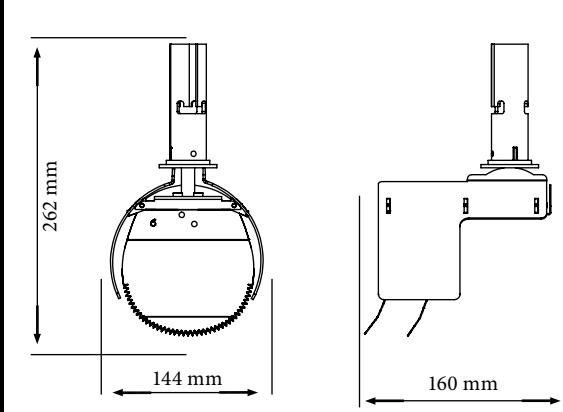
Installed in: Pvc and concrete

Tolerance int.
pipe
measurement: Ø147 - Ø151 mm

VA: Yes

Model no.: 119 59 18

Weight: 1.4 kg



RELINE

TX11 Ø100/110 to reline

Materials: Acid resistant stainless steel AISI 316

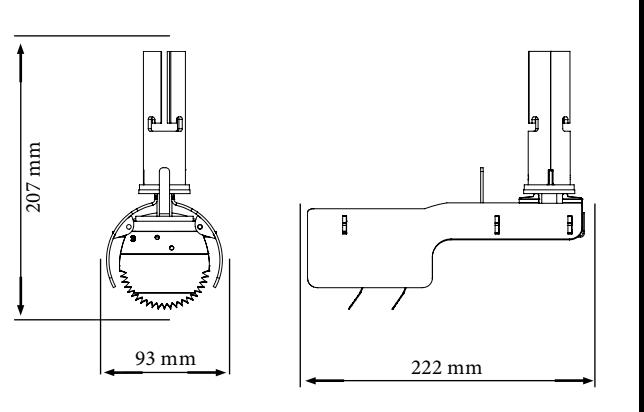
Installed in: Pvc and concrete

Tolerance int.
pipe
measurement: Ø92 - Ø97 mm

VA: Yes

Model no.: 15 43 92 216

Weight: 1.4 kg



TX11 Ø125 to reline

Materials: Acid resistant stainless steel AISI 316

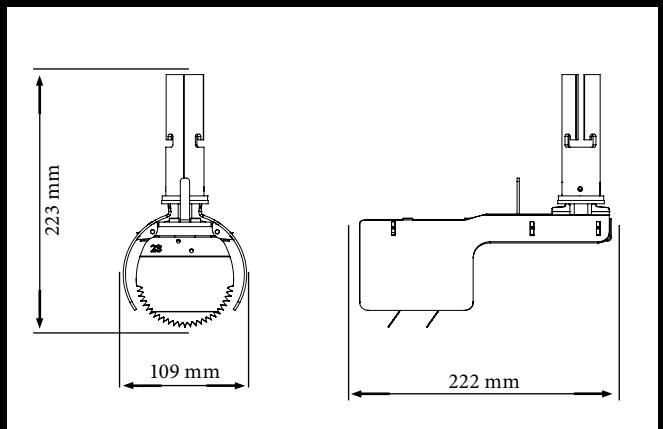
Installed in: Pvc

Tolerance int.
pipe
measurement: Ø108 - Ø112 mm

VA: Yes

Model no.: 15 43 92 013

Weight: 1.5 kg



TX11 Ø150/160 to reline

Materials: Acid resistant stainless steel AISI 316

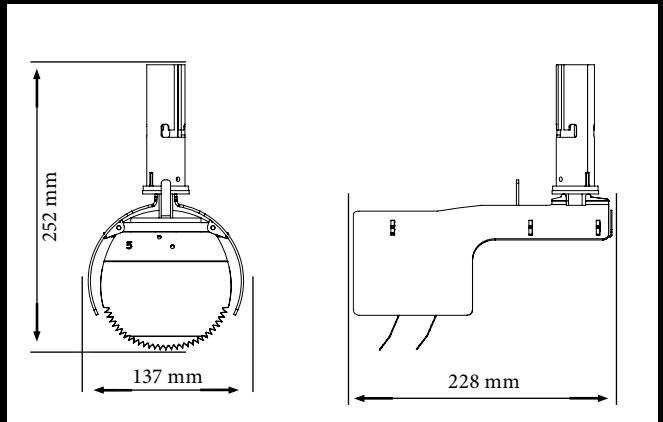
Installed in: Pvc and concrete

Tolerance int.
pipe
measurement: Ø138 - Ø142 mm

VA: Yes

Model no.: 15 43 92 218

Weight: 1.85 kg



TX11 Ø200 pvc to reline

Materials: Acid resistant stainless steel AISI 316

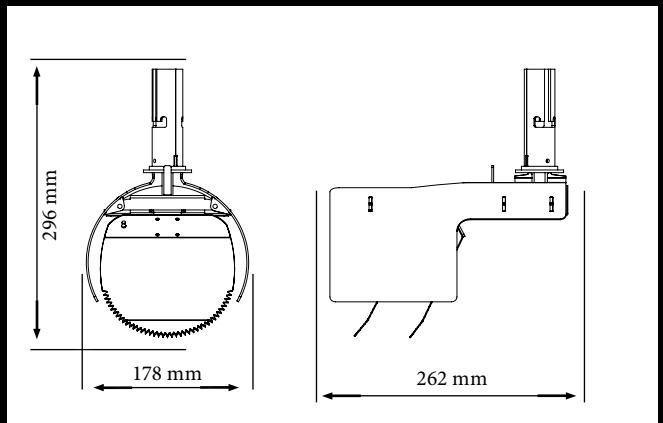
Installed in: Pvc

Tolerance int.
pipe
measurement: Ø174- Ø179 mm

VA: Yes

Model no.: 15 43 92 220

Weight: 2.7 kg



TX11 Ø200 concrete to reline

Materials: Acid resistant stainless steel AISI 316

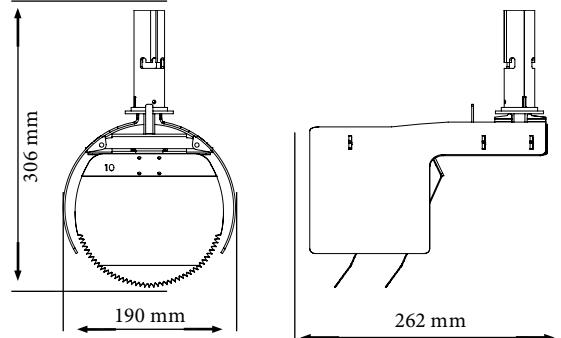
Installed in: Concrete

Tolerance int.
pipe
measurement: Ø185 - Ø190 mm

VA: Yes

Model no.: 15 43 92 221

Weight: 2.7 kg



TX11 Ø200 ultra to reline

Materials: Acid resistant stainless steel AISI 316

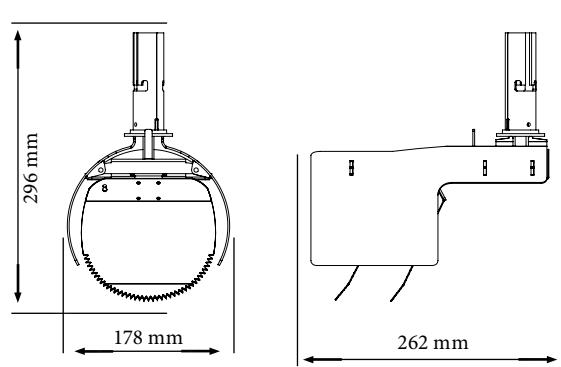
Installed in: Ultra tubes

Tolerance int.
pipe
measurement: Ø162 - Ø166 mm

VA: Yes

Model no.: 15 43 92 223

Weight: 2.7 kg



TX11 Ø250 ultra to reline

Materials: Acid resistant stainless steel AISI 316

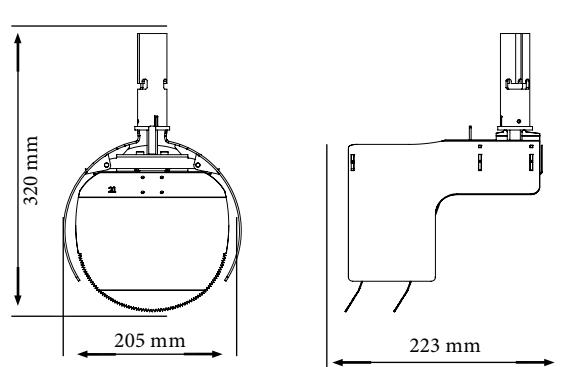
Installed in: Ultra tubes

Tolerance int.
pipe
measurement: Ø208 - Ø213 mm

VA: Yes

Model no.: 15 43 92 032

Weight: 3.6 kg



TX11 Ø250 pvc to reline

Materials: Acid resistant stainless steel AISI 316

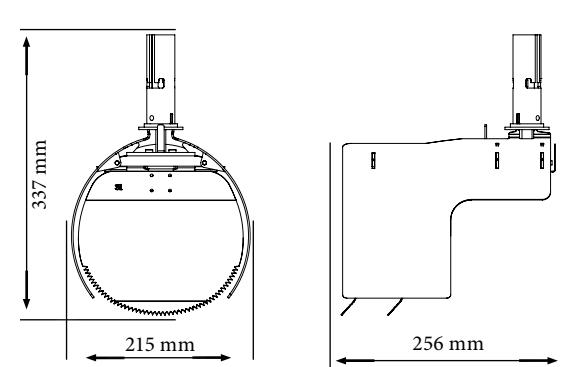
Installed in: Pvc

Tolerance int.
pipe
measurement: Ø222 - Ø227 mm

VA: Yes

Model no.: 15 43 92 230

Weight: 3.7 kg



RELINE

TX11 Ø250 concrete to reline

Materials: Acid resistant stainless steel AISI 316

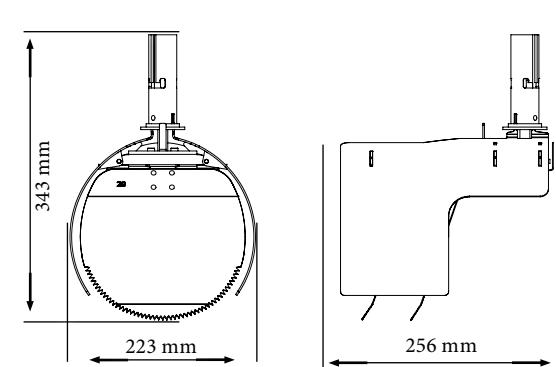
Installed in: Concrete

Tolerance int.
pipe
measurement: Ø234 - Ø238 mm

VA: Yes

Model no.: 15 43 92 231

Weight: 3.7 kg



TX11 Ø300 concrete/315 pvc to reline

Materials: Acid resistant stainless steel AISI 316

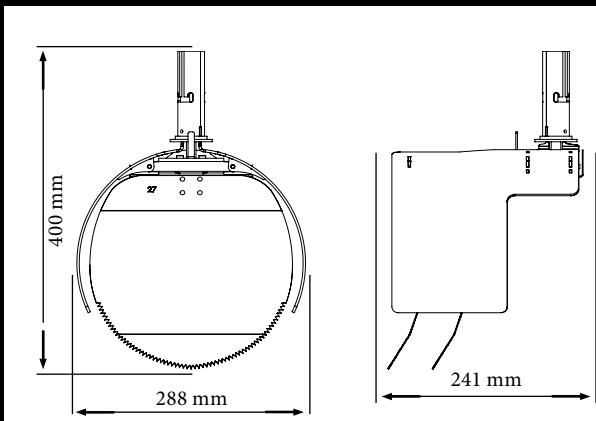
Installed in: concrete/pvc

Tolerance int.
pipe
measurement: Ø275 - Ø282 mm

Va: No

Model no.: 15 43 91 235

Weight: 4.5 kg



SPECIAL SIZES

TX11 special dimensions Ø82 in int. pipe measurements

Materials: Acid resistant stainless steel AISI 316

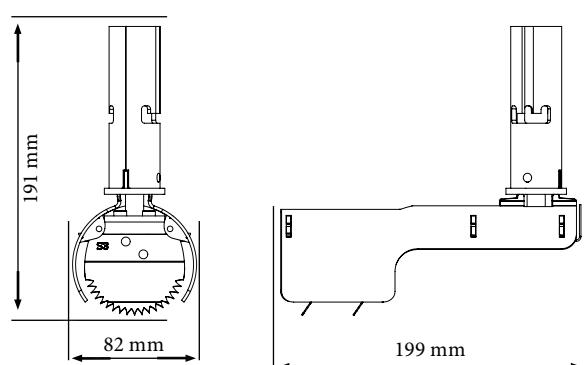
Installed in: Concrete/pvc

Tolerance int. pipe measurement: Ø82 - Ø88 mm

VA: No

Model no.: 15 43 92 008

Weight: 1.2 kg



TX11 special dimensions Ø105 in int. pipe measurements

Material: Acid resistant stainless steel AISI 316

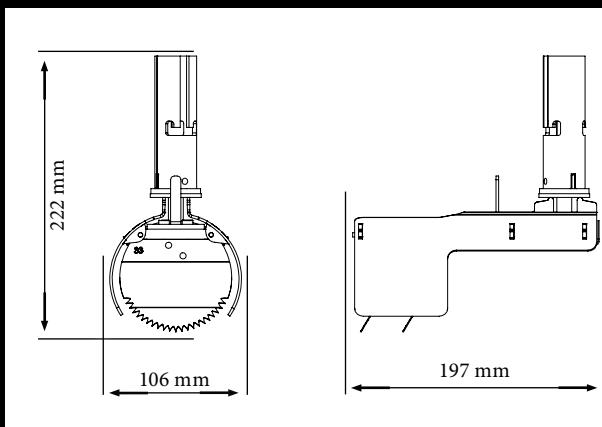
Installed in: Concrete/pvc

Tolerance int. pipe measurement: Ø104 - Ø108 mm

VA: Yes

Model no.: 15 43 92 010

Weight: 1.35 kg



TX11 special dimensions Ø125 in int. pipe measurements

Materials: Acid resistant stainless steel AISI 316

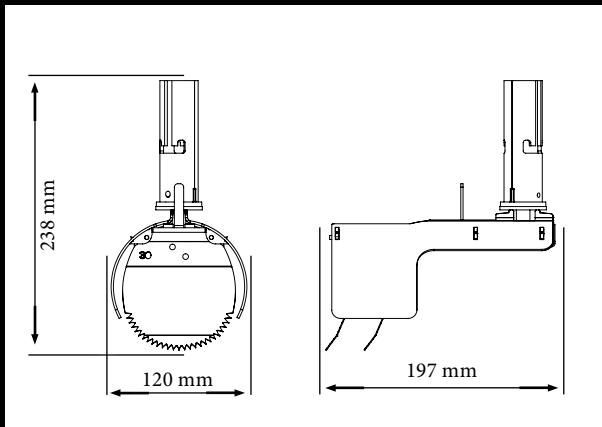
Installed in: Concrete/pvc

Tolerance int. pipe measurement: Ø123 - Ø128 mm

VA: Yes

Model no.: 15 43 92 011

Weight: 1.4 kg



TX11 special dimensions Ø135 in int. pipe measurements

Materials: Acid resistant stainless steel AISI 316

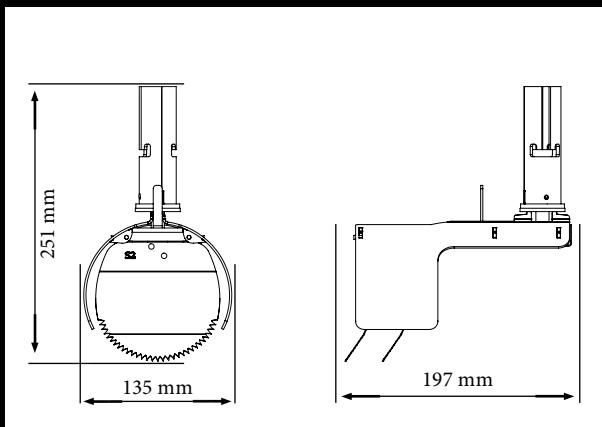
Installed in: Concrete/pvc

Tolerance int. pipe measurement: Ø134 - Ø138 mm

VA: Yes

Model no.: 15 43 92 017

Weight: 1.5 kg



SPECIAL SIZES

TX11 special dimensions Ø160 in int. pipe measurements

Materials: Acid resistant stainless steel AISI 316

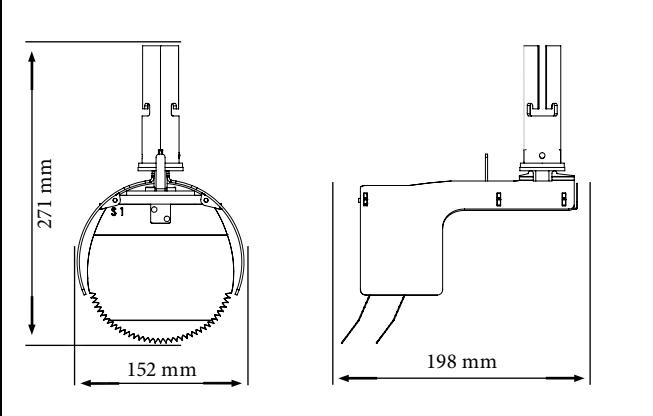
Installed in: Concrete/pvc

Tolerance int. pipe measurement: Ø158 - Ø162 mm

VA: Yes

Model no.: 15 43 92 019

Weight: 1.6 kg



TX11 special dimensions Ø180 in int. pipe measurements

Materials: Acid resistant stainless steel AISI 316

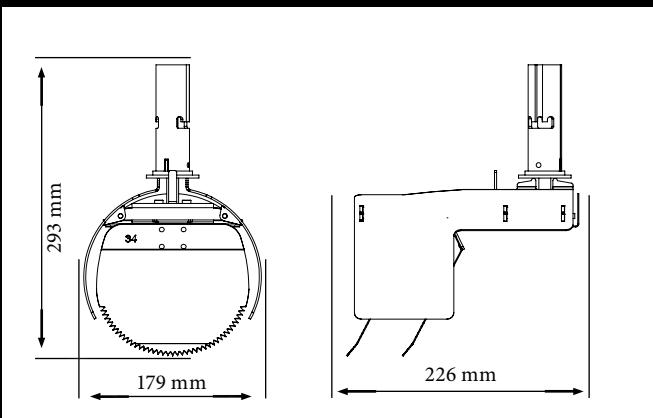
Installed in: Concrete/pvc

Tolerance int. pipe measurement: Ø177 – Ø181 mm

VA: Yes

Model no.: 15 43 92 015

Weight: 2.5 kg



TX11 special dimensions Ø230 in int. pipe measurements

Materials: Acid resistant stainless steel AISI 316

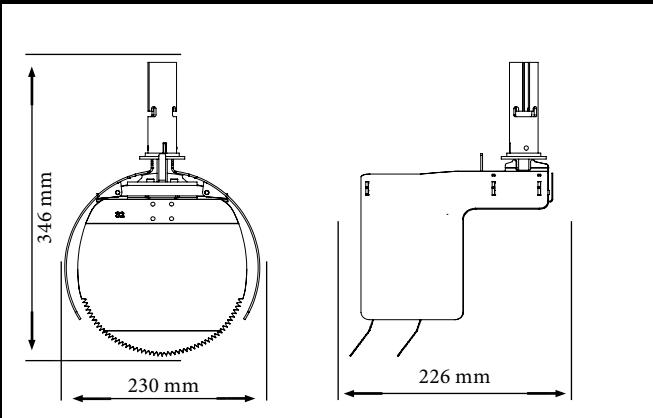
Installed in: Concrete/pvc

Tolerance int. pipe measurement: Ø229 – Ø232 mm

VA: Yes

Model no.: 15 43 92 026

Weight: 3.2 kg



WAVIN TEGRA WELLS

TX11 Ø160 pvc for Tegra wells

Materials: Acid resistant stainless steel AISI 316

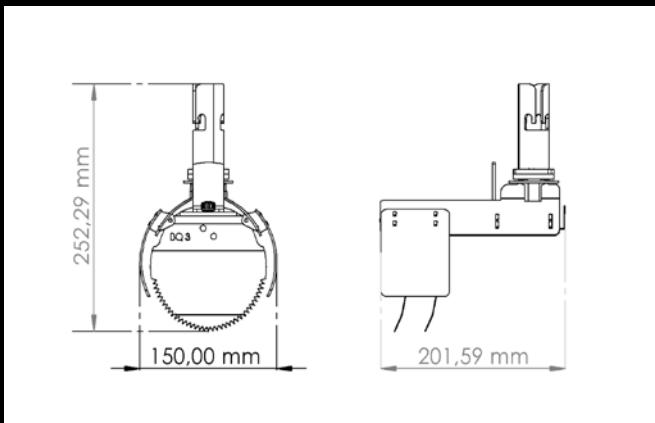
Installed in: Wavin Tegra well

Tolerance int.
pipe
measurement: Ø147 - Ø151 mm

VA: Yes

Model no.: 15 43 92 516

Weight: 1.75 kg



TX11 Ø200 pvc for Tegra wells

Materials: Acid resistant stainless steel AISI 316

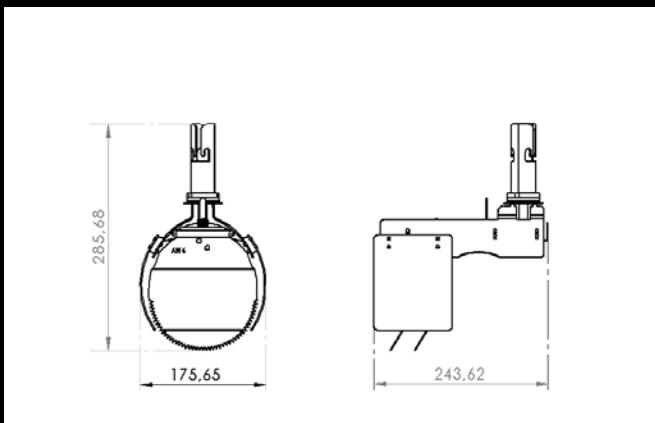
Installed in: Wavin Tegra well

Tolerance int.
pipe
measurement: Ø185 - 190 mm

VA: Yes

Model no.: 15 43 92 520

Weight: 2.3 kg



TX11 Ø250 pvc for Tegra wells

Materials: Acid resistant stainless steel AISI 316

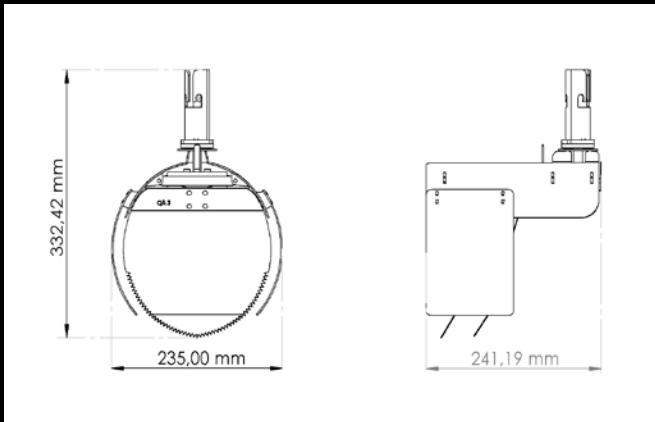
Installed in: Wavin Tegra well

Tolerance int.
pipe
measurement: Ø233 - 237 mm

VA: Yes

Model no.: 15 42 92 525

Weight: 3.4 kg



WAVIN TEGRA WELLS ARE PRODUCED WITH SLEEVE IN INLET- AND OUTLET SIDE, WHICH CAN BE ANGLED UP TO 7 DEGREES..

RAT BLOCKER TX11 FOR WAVIN TEGRA WELLS IS PRODUCED WITH DOUBLE SIDES WHEREBY OPTIMAL MOUNTING IS ACHIEVED.

PA6 / TX11 FLOW

PA6 Ø100/110 universal concrete

Materials: Acid resistant stainless steel AISI 316 Pages in nylon with 50% fiberglass.

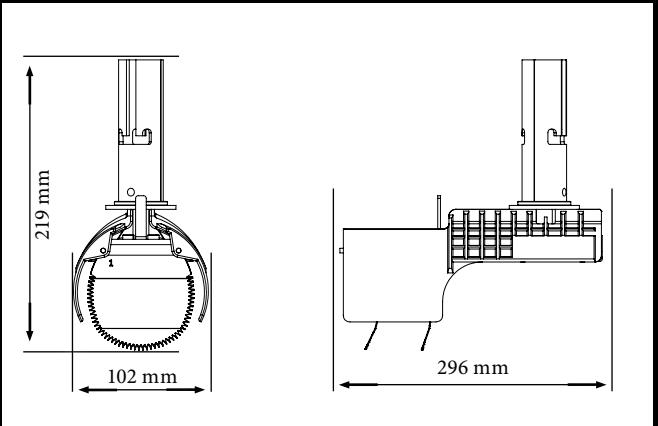
Installed in: Concrete

Tolerance int. pipe measurement: Ø99 - Ø103 mm

VA: Yes

Model no.: 15 43 93 016

Weight: 1 kg



PA6 Ø150/160 universal concrete

Materials: Acid resistant stainless steel AISI 316 Pages in nylon with 50% fiberglass.

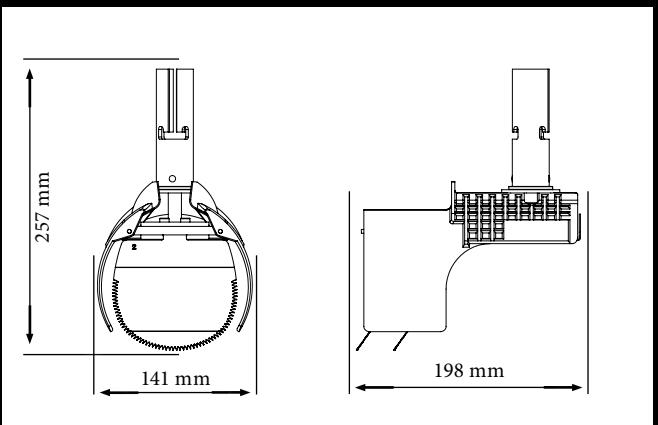
Installed in: Concrete

Tolerance int. pipe measurement: Ø147 - Ø151 mm

VA: Yes

Model no.: 15 43 93 018

Weight: 1.5 kg



TX11 FLOW Ø100/110

Materials: Acid resistant stainless steel AISI 316

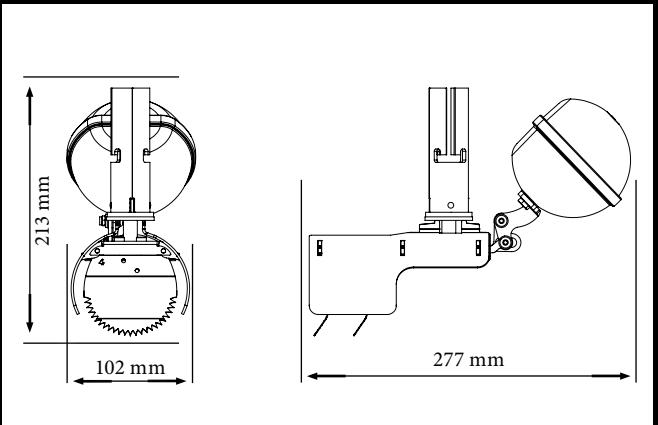
Installed in: Pvc and concrete,
Only in outlet side

Tolerance int. pipe measurement: Ø99 - Ø103 mm

VA: Yes

Model no.: 15 43 92 310

Weight: 1.7 kg



TX11 FLOW Ø150/160

Materials: Acid resistant stainless steel AISI 316

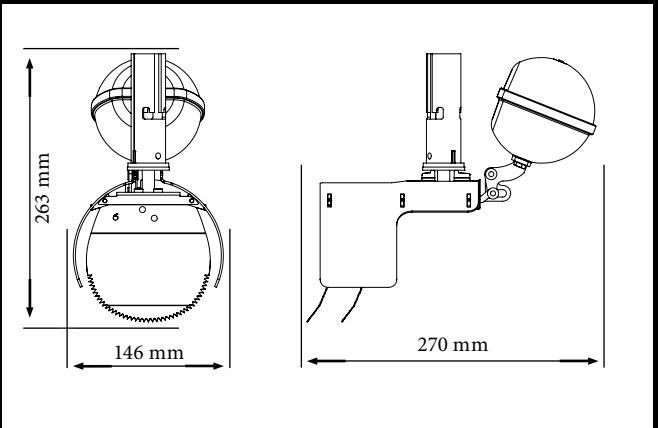
Installed in: Pvc and concrete,
Only in outlet side

Tolerance int. pipe measurement: Ø147 - Ø151 mm

VA: Yes

Model no.: 15 43 92 315

Weight: 2.3 kg



PIPELIFE WELLS

TX11 Ø160 pvc for PipeLife well

Materials: Acid resistant stainless steel AISI 316

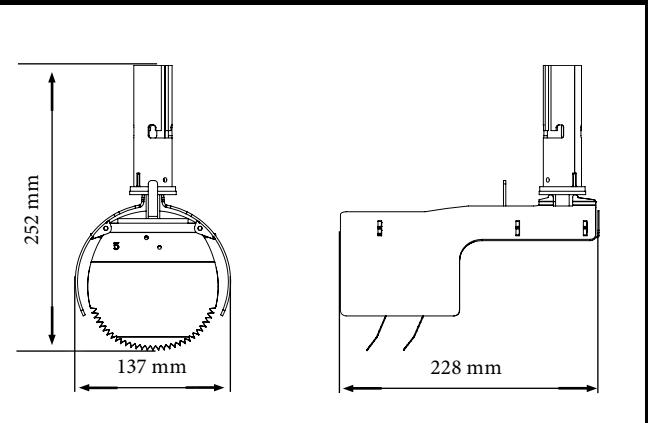
Installed in: PipeLife well

Tolerance int. pipe measurement: Ø147 - Ø151 mm

VA: Yes

Model no.: 15 43 92 418

Weight: 1.85 kg



TX11 Ø200 pvc for PipeLife well

Materials: Acid resistant stainless steel AISI 316

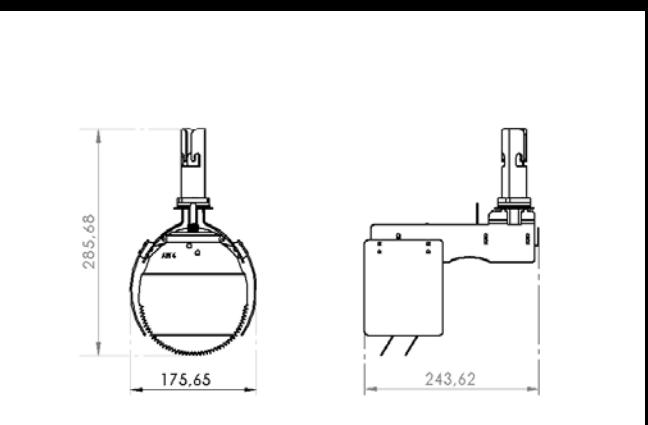
Installed in: PipeLife well

Tolerance int. pipe measurement: Ø185 - Ø190 mm

VA: Yes

Model no.: 15 43 92 420

Weight: 2.3 kg



TOOL

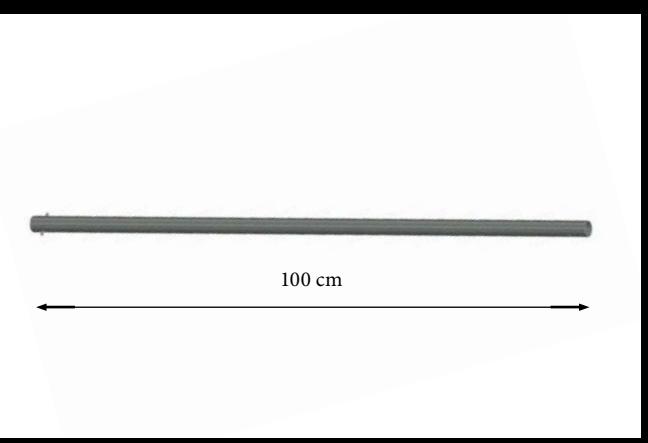
Alignment rod

Materials: Galvanised steel

Installed in: Rat blocker

Model no.: 15 43 90 801

Weight: 0.75 kg



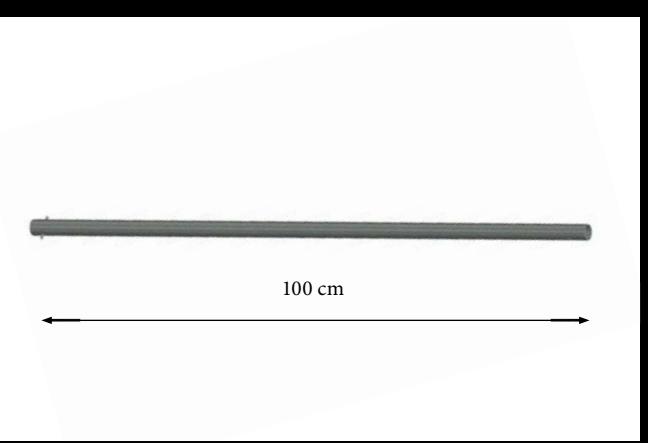
Extension pipe

Materials: Galvanised steel

Installed in: Extension of the alignment rod

Model no.: 15 43 802

Weight: 0.75 kg



TOOL

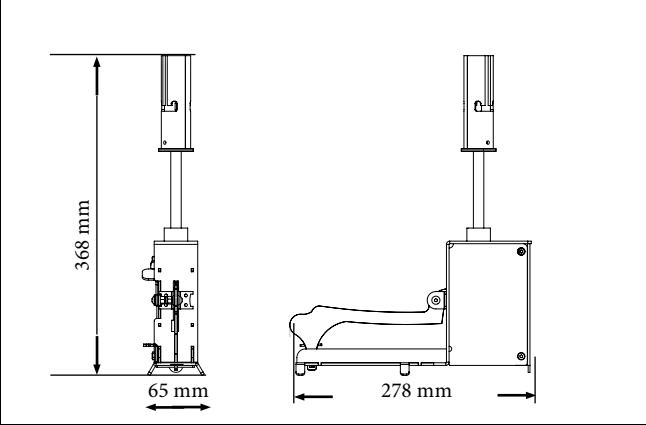
Dimension gauge

Materials: Acid resistant stainless steel AISI 316

Tolerance int. pipe measurement: Ø96 - Ø240 mm

Model no.: 15 43 92 900

Weight: 3.00 kg



Mounting kit WG-14

The mounting kit is our product for mounting a rat blocker in wells with a conical top.

In the past, it has been necessary to use special rat blockers for mounting in wells with a conical top.

With the development of our mounting tool WG-14, our standard rat blocker can be mounted in concrete wells which with a conical top.

The mounting kit is clicked onto a telescopic mounting rod of the WG type, after which it is ready for mounting the rat blocker.



The series of telescopic mounting rods WG is our latest shot at the stem of mounting rods..
The mounting rods are made og high quality aluminium coated with rubber for better grip.

The mounting rod is made with a simple click system so you can easily switch to the desired tool.
If the well is more than 4 meters deep, extension pipes of 1 and 2 meters, respectively, can be purchased.

We currently have 4 tools that can be used on the mounting rods via the click system, and look forward to presenting several new tools on an ongoing basis..



TOOL

Telescopic alignment rod WG-1

Materials: Aluminium

Length: 220 - 400 cm

Model no.: 15 43 90 841

Weight: 1.5 kg



Telescopic alignment rod WG-2

Materials: Aluminium

Length: 170 - 300 cm

Model no.: 15 43 90 842

Weight: 1.1 kg



Telescopic alignment rod WG-3

Materials: Aluminium

Length: 90 - 150 cm

Model no.: 15 43 90 843

Weight: 0.9 kg



Extension pipe WG-16 length 1 m. for telescopic alignment rod of the type WG

Materials: Stainless steel AISI 304

Mounted in: Telescopic alignment rod WG

Model no.: 15 43 90 861

Weight: 1.0 kg



Extension pipe WG-17 length 2 m.
for telescopic alignment rod of the type WG

Materials: Stainless steel AISI 304

Mounted in: Telescopic alignment rod WG

Model no.: 15 43 90 862

Weight: 2.0 kg



Mounting pipes WG-11

Materials: Stainless steel AISI 316

Mounted in: Telescopic alignment rod WG

Model no.: 15 43 90 851

Weight: 1.3 kg



Montagesæt WG -14

Materials: Stainless steel AISI 316

Mounted in: Telescopic alignment rod WG
For mounting a rat blocker in wells with a conical top.

Model no.: 15 43 90 854

Weight: 1.8 kg



Tools for testing of the rat blocker WG-12

Materials: Stainless steel AISI 316

Mounted in: Telescopic alignment rod WG

Model no.: 15 43 90 852

Weight: 1.5 kg



Hook WG-13

Materials: Stainless steel AISI 316

Mounted in: Telescopic alignment rod WG

Model no.: 15 43 90 853

Weight: 1 kg



Scrapers WG -15

Materials: Stainless steel AISI 316

Mounted in: Telescopic alignment rod WG
For scraping the well bottom.

Model no.: 15 43 90 855

Weight: 1.8 kg



TX11 Service Cleaning Fluid

Material: Clean and degreasing fluid

Application: Cleaning the rat trap

Model no.: 15 43 90 750

Weight: 5 kg

H. L. W. 30 x13x20 cm.



IK MULTI 1,5 Spray gun

Materials: Plastic

Contents: 1 liter

Model no.: 15 43 90 795

Weight: 0.6 kg

H. B. W. 27x16x16 cm



NORDISK INNOVATION

Innovation is beneficially applied knowledge and creativity, which opens up for the discovery and realisation of what does not yet exist.

Nordisk Innovation is an innovative company that develops and produces items for the Danish sewer system, focusing on the area of AV-approved rat blocker and rodent control.

The development and manufacture of products for installation in the sewer system is an area which requires that one is aware of the responsibility taken by the company in connection with producing structures installed in the sewer system.

In early 2005, we finished the development of our first concept of rat blocker. Afterwards, the rat blockers were tested in various sewer line wells and inspection chambers until November 2006. In December 2006, the rat blockers were sent to the DTI, Pipe Center in Taastrup, where they were tested and VA approved with ETA Denmark in January 2007 in a mock sewer system with live rats.

With over 15 years experience in the development and testing of rat blockers, we now possess a great knowledge of how to achieve the most optimal product, which ensures high reliability, long lifetime, and blocking effect against rats.

With a product from Nordisk Innovation, one can be assured that quality and function are always excellent, and that reliability of the product will always be optimal.

FOR MORE INFORMATION, GO TO WWW.NORDISK-INNOVATION.COM

Tec-SolutionZ

WWW.TEC-SOLUTIONZ.COM . TLF. 3121 2989