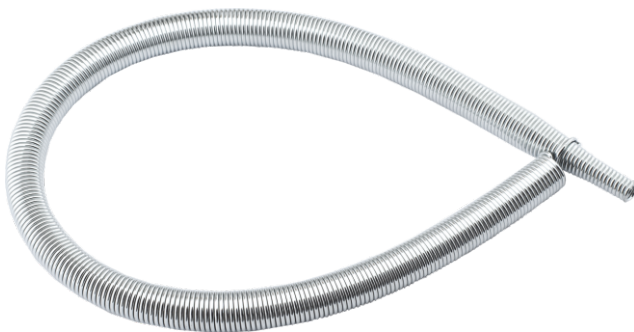




PROFACTOR®
DER DEUTSCHE QUALITÄTSSTANDARD

EN

TECHNICAL DATA SHEET AND USER MANUAL



PRODUCT CODE

PF PT 514.16
PF PT 514.20
PF PT 515.16
PF PT 515.20

SPRING PIPE BENDER

1. PURPOSE AND SCOPE

Spring pipe benders are designed for manual bending of multilayer (metal-polymer) pipes without kinking, with a bending radius of at least three times the outer diameter of the pipe.

The internal spring bender is equipped with loops for attaching a wire or cord, which allows the tool to be easily extracted from the pipe after bending. Its diameter is slightly smaller at the ends, making insertion and removal from the pipe easier.

2. TECHNICAL SPECIFICATIONS

Product Code	PF PT	514.16	514.20	515.16	515.20
	Type	Internal		External	
Outer diameters of bendable pipes	mm	16	20	16	20
Minimum bending radius	D outer	3			
Bender length	mm	500			
Weight	g	105	175	305	475
Material	Galvanized spring steel				
Average service life	years	50			

3. INSTRUCTIONS FOR USING

The internal spring bender is recommended for use when the bend must be made at a distance of no more than 2 meters from the pipe end. It is advisable to attach a soft wire or a strong cord to the bender to facilitate its subsequent removal from the pipe.

In all other cases, an external spring bender should be used, moving it along the pipe from one bending section to another.

4. WARRANTY OBLIGATIONS

The warranty period is 12 months from the date of sale to the end consumer. Throughout the entire warranty period, the manufacturer guarantees the proper functioning of the product and its compliance with safety requirements, provided that the consumer follows the rules for storage, transportation, installation, operation, and maintenance of the product. The warranty covers all defects arising through the manufacturer's fault.

The warranty does not cover defects resulting from:

- Violation of storage, transportation, installation, operation, or maintenance conditions;
- Exposure to substances aggressive to the materials of the product;
- Signs of mechanical damage;
- Damage caused by fire, natural disasters, or other force majeure circumstances;
- Damage caused by improper actions of the user;
- Evidence of unauthorized interference with the product design.

The product described in this technical manual is a technically complex device that must be installed by a qualified specialist with appropriate experience working with this type of equipment.

Installation and commissioning must be carried out by an authorized and certified company.

Profactor Armaturen GmbH reserves the right to make changes to the product design that do not affect its technical characteristics or functional features.



INTERNATIONAL WARRANTY CARD

NAME OF THE PRODUCT

PRODUCT CODE, SIZE

QUANTITY

SELLER NAME AND ADDRESS

DATE OF PURCHASE

SELLER STAMP

SELLER SIGNATURE

For the warranty term refer to the Warranty obligation clause in the technical manual

FOLD LINE

FOLD LINE

In case of any claims to the product quality the following documents should be submitted:

1. Application with customer and product details:

- Name of the customer, actual address and phone number
- Article of the product
- Reason for the claim and photo
- Plumbing system where installed (name, address, phone number)

2. Invoice copy and receipt

3. Warranty card

RETURN/EXCHANGE COMMENTS

DATE

SIGNATURE



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