



PROFACTOR®
DER DEUTSCHE QUALITÄTSSTANDARD

EN

TECHNICAL DATA SHEET AND USER MANUAL

PRODUCT CODE

PF TF 730 –
PF TF 791

PF TDH 792
PF TDH 793
PF TDH 794
PF TDH 795
PF TDH 794S
PF TDH 795S
PF TDH 796S
PF TDH 796Z



**HEATED TOWEL
RAILS FITTINGS**

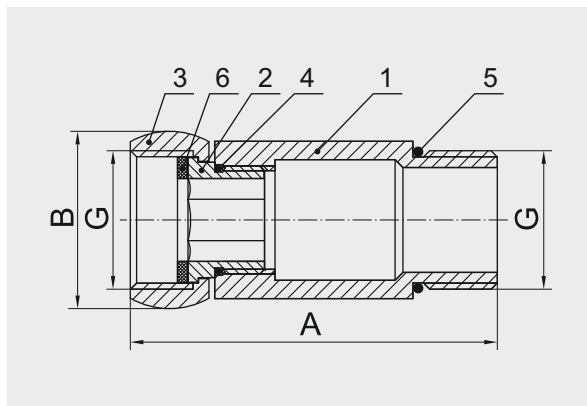
1. PURPOSE AND SCOPE

Chrome-plated brass threaded fittings and accessories PROFACITOR® are designed for the installation and assembly of heated towel rails and meet the highest aesthetic standards required for modern bathroom interiors. A wide range and structural diversity of fittings make it possible to install various types of heated towel rails.

2. TECHNICAL SPECIFICATIONS

Product Code	PF TF	750-758	735-740; 759-791	799	Standard
Connection thread	G	1/2", 3/4", 1", 1 1/4"	1/2", 3/4", 1"	1/2", 3/4"	DIN ISO 228/1
Nominal (rated) pressure	bar	16			—
Maximum operating medium temperature	°C	+100°C			—
Average service life	years	30			IEC 60050 (191): 1990-12, NEQ

3. DESIGN



- 1 – Body
- 2 – Sleeve
- 3 – Union nut
- 4, 5 – Sealing rings
- 6 – Flat gasket

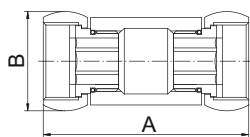
The fittings are manufactured by hot forging and turning from brass grade CW617N (according to DIN EN 12165).

For additional corrosion protection and to enhance the appearance, all external surfaces of the products are chrome-plated. Before chrome plating, all external surfaces of the fittings are ground and polished, resulting in a perfectly smooth, mirror-like finish.

The fittings are designed in reinforced configurations with increased wall thickness. All fittings are equipped with Silastic GP silicone sealing rings.

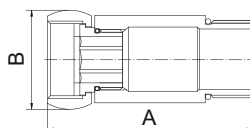
All cylindrical pipe threads are in an accordance with ISO 228-1:2000, DIN 259, and all metric threads are in an accordance with ISO 261:1998.

4. NOMENCLATURE AND DIMENSIONS



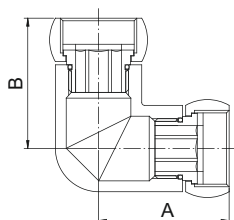
Straight coupling with two nuts, F/F

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 750	1/2" x 1/2"	63	29	170
PF TF 752	3/4" x 3/4"	62	34	151
PF TF 753	1" x 1/2"	63	41,5	172
PF TF 754	1" x 3/4"	64	41,5	205
PF TF 755	1" x 1"	67	41,5	220
PF TF 757	1 1/4" x 1"	71	51	295
PF TF 758	1 1/4" x 1 1/4"	75	51	323



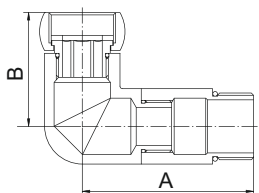
Straight coupling with nut, F/M

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 765	1/2" x 1/2"	58	29	105
PF TF 766	3/4" x 1/2"	60,5	34	120
PF TF 767	3/4" x 3/4"	60,5	34	154
PF TF 768	1" x 1/2"	62	41,5	144
PF TF 769	1" x 3/4"	62	41,5	154
PF TF 770	1" x 1"	63	41,5	206



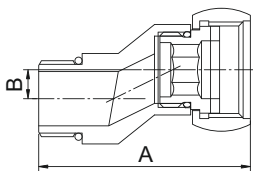
Elbow coupling with two nuts, F/F

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 759	1/2" x 1/2"	37	37	186
PF TF 760	3/4" x 1/2"	38	37	162
PF TF 761	3/4" x 3/4"	38	38	162
PF TF 762	1" x 1/2"	40	37	186
PF TF 763	1" x 3/4"	45	42	183
PF TF 764	1" x 1"	46	46	236



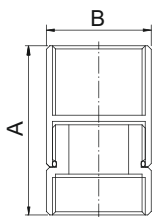
Elbow coupling with nut, F/M

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 771	1/2" x 1/2"	62	37	152
PF TF 772	3/4" x 1/2"	64	41	157
PF TF 773	3/4" x 3/4"	65,5	38	217
PF TF 774	1" x 1/2"	64	42	185
PF TF 775	1" x 3/4"	66	42	206
PF TF 776	1" x 1"	69	42	263



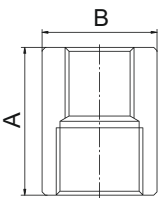
Eccentric with nut, F/M

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 777	3/4" x 1/2"	58	8	134
PF TF 778	1" x 1/2"	61	8	166
PF TF 779	1" x 3/4"	62	8	228



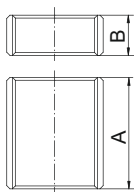
Detachable connection with reverse-thread, F/F

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 780	1/2" x 1/2"	45,5	28	110
PF TF 781	3/4" x 1/2"	44,5	34	120
PF TF 782	3/4" x 3/4"	44,5	34	144
PF TF 783	1" x 1/2"	47	40	155
PF TF 784	1" x 3/4"	47	40	188
PF TF 785	1" x 1"	47	40	193
PF TF 787	1 1/4" x 1 1/4"	49	49	287



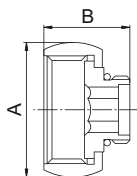
Reducing socket, F/F

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 786	3/4" x 1/2"	40	35	170
PF TF 788	1" x 3/4"	50	39	200



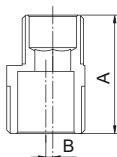
Socket with check nut, F/F

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 789	1/2"	45	15	160
PF TF 790	3/4"	45	15	211
PF TF 791	1"	45	15	209



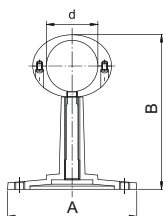
Threaded flange with nut, F/M

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 735	3/4"F x 1/2"M	34	25	50
PF TF 736	1"F x 1/2"M	41,5	26,5	77
PF TF 737	1"F x 3/4"M	41,5	26,5	74



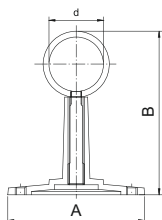
Eccentric with chrome plated escutcheon, M/M

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TF 799	3/4"M x 1/2"M	40	2,5	75



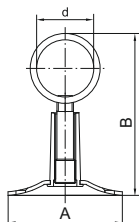
Adjustable bracket for heated towel rail with split ring

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TDH 792	d28 mm – 3/4" steel	55	75-100	110
PF TDH 793	d34 mm – 1" steel	55	80-105	108



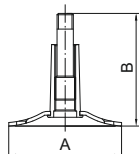
Adjustable bracket for heated towel rail

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TDH 794	d28 mm – 3/4" brass	54	75-100	119
PF TDH 795	d34 mm – 1" brass	54	80-105	120



Telescopic bracket for heated towel rail

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TDH 794S	d28 mm – M8x1 steel	54	72-100	103
PF TDH 795S	d34 mm – M8x1 steel	54	80-110	113



Telescopic bracket for heated towel rail without ring

Product Code	Connection thread	A, mm	B, mm	Weight, g
PF TDH 796S	M8x1 steel	54	47-73	71
PF TDH 796Z	M8x1 silumin	54	45-70	62

5. INSTALLATION INSTRUCTIONS

Installation and disassembly of the products must be performed only when the system is depressurized. It is not recommended to use flax as a sealing material, as it may impair the aesthetic appearance of the system. Only wrenches with rubber jaws are permitted for installation. The tightening torque of the union nuts must not exceed 20 Nm.

After installation, all plumbing system assemblies must be tested for tightness. Testing should be carried out using the hydrostatic (hydraulic) or bubble (pneumatic) method.

6. WARRANTY OBLIGATIONS

The warranty period is 24 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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