

ROUND TUBE RUNNERS TTO

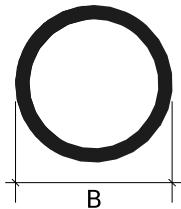
PRODUCT DESCRIPTION



Profiles and accessories for stair carpeting. Hollow section triangular or round stair rods manufactured both in brass and aluminium to be installed either with fixed or opening supports, for an easy carpet cleaning.

TECHNICAL FEATURES

Pre-cut to length



Aluminum

Diameters (B):

TTO11: $\emptyset = 11$ mm

TTO13: $\emptyset = 13$ mm

TTO15: $\emptyset = 15$ mm

MATERIAL DESCRIPTION

Aluminum

The primary aluminum alloy EN AW-6060 in T6 temper is suitable for complex extrusions, offering high strength and an excellent natural surface finish that lends itself well to subsequent finishing processes.

ANODIZED ALUMINUM:

The anodic oxidation process provides protection against corrosion caused by atmospheric agents, without involving galvanic treatments.

According to the EN 12373 standard, the profiles are treated with preventive processes that make them uniformly opaque, subsequently they are coloured through an electro-chemical oxidation process in the standard colours Silver, Gold, Bronze, Copper and Titanium with a thickness of up to 10 microns.

BRIGHT POLISHED ALUMINUM:

The brightening process consists of a mechanical-chemical polishing treatment and the subsequent anodic bath in Gold, Chrome, Copper and Titanium colors. The resulting profiles retain the same corrosion resistance as standard anodized profiles.



AO



ASB

rod >> TTO in Anodized Aluminum		
Item	BxL mm	Finish
TT011AO080	11x800	AO - Gold
TT011AO100	11x1000	AO - Gold
TT011AO120	11x1200	AO - Gold
TT013AO080	13x800	AO - Gold
TT013AO100	13x1000	AO - Gold
TT013AO120	13x1200	AO - Gold
TT015AO080	15x800	AO - Gold
TT015AO100	15x1000	AO - Gold
TT015AO120	15x1200	AO - Gold

rod >> TTO in Anodized Aluminum		
Item	BxL mm	Finish
TT011AO320	11x3200	AO - Gold
TT013AO320	13x3200	AO - Gold
TT015AO320	15x3200	AO - Gold

rod >> TTO in Bright Polished Aluminum		
Item	L mm	Finish
TT011ASB320	3200	ASB - Chrome

MATERIAL DESCRIPTION

Brass

Profiles made from CW618N (EN 12167) brass alloy are characterized by high resistance to mechanical stress, making them particularly suitable for heavy-traffic applications, such as industrial settings and at expansion joints. Brass is resistant to most chemical agents commonly encountered during the installation of ceramic coverings. However, in the presence of humidity or aggressive substances, the surface may develop superficial oxidation, which can be removed using a standard polishing product.

These profiles can be manufactured through either hot extrusion or cold forming from sheets of constant thickness.

POLISHED BRASS:

This finish is obtained using specialized polishing machines that mechanically enhance the surface without altering the material's intrinsic properties. In the presence of oxidizing agents, some surface darkening may occur, which can be easily restored using common polishing products.

CHROMED BRASS:

This finish is achieved through a galvanic process that imparts a bright, stainless steel-like appearance. The treatment offers excellent aesthetic results and excellent resistance to chemical agents, though it has limited resistance to surface impacts and prolonged abrasion.



OL



OC

ACCESSORIES



CER

SUP



TAP



rod >> TTO in Brass Polished		
Item	BxL mm	Finish
TT011OL080	11x800	OL - Polished
TT011OL100	11x1000	OL - Polished
TT011OL120	11x1200	OL - Polished
TT013OL080	13x800	OL - Polished
TT013OL100	13x1000	OL - Polished
TT013OL120	13x1200	OL - Polished
TT015OL080	15x800	OL - Polished
TT015OL100	15x1000	OL - Polished
TT015OL120	15x1200	OL - Polished

support >> Brass eyelet for round tube		
Item	R mm	Finish
SUP12OL	6	OL - Polished
SUP14OL	7	OL - Polished
SUP16OL	8	OL - Polished
SUP12OC	6	OC - Chrome

support >> Brass hinge for round tube		
Item	R mm	Finish
CER12OL	6	OL - Polished
CER14OL	7	OL - Polished
CER16OL	8	OL - Polished

rod >> TTO in Brass Polished		
Item	BxL mm	Finish
TT0110L320	11x3200	OL - Polished
TT0130L320	13x3200	OL - Polished
TT0150L320	15x3200	OL - Polished

support >> in Brass for round tube closure		
Item	R mm	Finish
TAP110L	5,5	OL - Polished
TAP130L	6,5	OL - Polished
TAP150L	7,5	OL - Polished
TAP110C	5,5	OC - Chrome

APPLICATION

1. Cut the profile to the required length;
2. Arrange the runner carefully following the profiles of the steps;
3. Fix the supports with screws at the pre-set distance calculated with the profile and centering the runner;
4. Insert the profile into the support, carefully spreading the runner so that it is taut and without wrinkles, and finally close the support.

N.B.: Aluminum profiles offer limited resistance to alkaline substances, so their use must be evaluated according to the expected chemical aggressions. Aluminum profiles in contact with cementitious substances can be attacked by corrosion processes, so residues of used adhesives and sealants should be removed immediately. When laying, the right amount of adhesive must be used and the right drying times observed, avoiding creating cavities in which water can stagnate, which would lead to the formation of alkaline substances (aluminum hydroxide) and trigger corrosive electrolytic phenomena.

CLEANING AND MAINTENANCE

ALUMINUM:

Aluminum requires no special maintenance.

For cleaning, use colorless alcohol diluted in water or neutral detergents, avoiding acidic ones (e.g., hydrochloric or hydrofluoric acid); use non-abrasive sponges or cloths to avoid damage. We recommend not applying cleaners directly to surfaces. After cleaning, rinse with water and dry immediately with a soft cloth. Avoid polishes. Quickly remove residual cement or grout to protect the surface.

BRASS:

Brass does not require special maintenance and is easily cleaned with alcohol diluted in water or with neutral detergents, avoiding those with an acidic base.

It is recommended to use water with mild detergents, ensuring the final rinse is with water only. To avoid scratches, use exclusively non-abrasive cloths or sponges. For maintenance, common polishes available on the market can be used.

WARNINGS

These profiles must be handled with care, taking care to use cut-resistant gloves. The instructions and requirements contained herein, while based on our experience, are to be considered purely indicative and must be confirmed by exhaustive practical applications. Profilitec declines all responsibility for any damage to persons or property resulting from improper use of the product. The user is responsible for determining whether or not the product is suitable for use and assumes all responsibility for any damage resulting from incorrect installation of the material.

BILL OF QUANTITIES ITEM

Supply and installation of profile in _____ (material), with finish _____ (see Material Description section) of characteristic size _____ mm. Tube profile with fixing supports.

Family type _____ from the Profilitec company as a profile for fixing stair runners to be supplied and installed according to the rules of the art, respecting the methods and fields of application indicated by the manufacturer.

Profile length: 2700 mm

Profile SKU: _____

Material: _____ €/m

Installation: _____ €/m

Total price: _____ €/m