STAMPED BURNERS
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Initial Requirements
The range of stamped burners has been specifically studied for application on both oven and grill. It is used in particular on European style free standing cookers. With this typology, CastFutura has introduced a new conception of burner on the market: a product completely without welding points. The absence of welding adds value to the burner in terms of life, as it prevents the process of corrosion and rust typical in this products.

Product Offer and Services
The size of the offer is witnessed by the vast range: BF 2, BF 5 and BF 7 cover any customer requirement. Sizes, inlets, powers, lengths find an easy solution in one of the existing products. Besides this, the light weight together with performance always offers a technologically better product at a more competitive price.

The enormous experience accumulated through time, thanks to numberless applications and the wealth of data collected, make the technical area of CastFutura unique in the worldwide panorama of component suppliers.

The products are, indeed, offered with a packet of services which range from assistance during the idea stage of the product (co-design), to cavity and system set-up with spark plugs and thermocouples and to support for any type of homologation.

Materials
All the components are in aluminized steel. Resistance to high temperatures and absence of obnoxious emissions make it perfect for cooking food.

Customization
CastFutura stamped burners are suitable for customers’ specific requirements during the co-design stage and the customizing of various components.

Accessories
Support brackets with manual ignition tube
Applied to the burner this allows for manual ignition thanks to a gas collection tube. Available in two lengths, with different measurements on the fixing points.

Injector holder
Die cast in aluminium, it is resistant in assembly operations and is projected to guarantee the self alignment of the injector with the Venturi tube, for always excellent standards of combustion.

Deflector
Its particular form makes it stable and well performing in its use at high temperatures.

Thermocouples, electrodes, fastening clips
Components exclusively produced by CastFutura. Studied for maximum efficiency of assembly and reliability in positioning. Thermocouples and electrodes are made for a fast connection through a clip prepared in advance on the bracket. A vast range of lengths is available to optimize cabling.
BF 2

BF 2 is the first stamped burner developed by CastFutura. This originated from the need to optimize overall space for assembly in cavities with reduced room, while maintaining high power and reliability features. Only 20mm high, with a maximum height of 30mm in the venturi zone, it only exists in the oven version. Its particular form also allows the flame to be extended towards the external part of the cavity. In this way, cooking results more uniform. Electrodes and thermocouples can be assembled from the front, using the wings obtained from the burner’s body, or laterally, by adding a special supporting bracket.

Nominal Rate from 1.5 to 3 kW

BF 5

The need for versatility for applications on oven and grill has generated the development of a new product: BF 5. Easy assembly and absence of added components make this a very competitive product, which delivers high performances and reliability and lasts over time. From the burner body are obtained both the assembly wings of the accessories, and the fixing bracket of the burner itself. The latter may be straight or curved downwards, for the oven, or upwards, for the grill, customizing the height based on assembly requirements. The only added components to complete the burner are the manual ignition tube for the oven, where requested, and the deflector for the grill version.

Nominal Rate from 1.5 to 3 kW

Oven Burner

Grill Burner
The latest arrival in terms of time, the BF 7 is an innovation suitable for use in low-medium range ovens. Its features of simplicity, contained dimension, (only 13mm in height) and its light weight make it very economic while maintaining an extremely high performance. The vast range of fastening elements make it easily adaptable to all types of cavity.

Nominal Rate from 1.5 to 3 kW