

STEEL

These knives are produced by forging with our exclusive and innovative martensitic stainless steel composition registered by ARCOS under the name of NITRUM®.

Forged knives are produced in one solid piece without welding parts.

NITRUM® Forged Stainless Steel has a percentage of nitrogen (N) in its chemical composition, obtained from an eco-friendly process, giving our knives, higher resistance to corrosion, higher hardness and excellent mechanical strength.

HANDLE

The plastic handles of these forged knives are made of poly-oxy-methylene (POM) which is a plastic material with high hardness, resistance to corrosion, and extreme temperature resistance ranging from -40 C to 150 °C.

All plastics and colors used by ARCOS are safe for food contact and they are highly resistant to impact, ultraviolet radiation, resistant to bases and weak acids (such as lemon juice), and detergents.

RIVETS

A perfect union in the assembly of the handles is made by using AISI 430 stainless steel rivets to prevent corrosion.

MANUFACTURING PROCESS

All ARCOS knives are produced completely in our facilities located in Albacete (Spain), since 1745.

Noteworthy is the hardening and tempering process that ARCOS performs, using controlled atmosphere furnaces, improving corrosion resistance and giving the knife a high cutting power and durability of its edge. Grinding and polishing machines used for finishing the knives are fully automated.

ARCOS knives are identified by a tracking system to control the manufacturing process and the raw materials used in each batch. This customization system allows us to improve our products and respond to possible defects.

MANUFACTURING ACCORDING TO:

- UNE-EN-ISO-9001:2008 “Quality Management Systems”.
- UNE-EN-ISO-8442/1: International Standard “Material and articles in contact with food products. Knives and table cutlery”.
- General Foodcontact and Healthy Certificate 39.03065/AB.
- Knives according to HACCP food systems.



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