



Introduction

Dimar specializes in the manufacture of high-quality tungsten carbide woodworking tools for the woodworking industry, workshops and craftspeople. Dimar was founded in 1960 and over the years has accumulated vast experience and technological know-how. It is now recognized as one of the leading companies in its field. Dimar products are distributed and sold in 44 different countries.

Dimar is uncompromising in the quality of its products and in the stringent production standards it follows. The more than 15,000 square meter production layout area includes advanced equipment and unique technological production equipment developed by the company's engineering team. All Dimar products are manufactured by sophisticated, highly accurate robots.



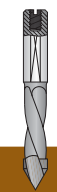
Industrial Solution

Woodworking processes and advanced equipment in the modern woodworking industry are putting forth new challenges to DIMAR.

In the past several years, DIMAR has invested many of its resources in R & D in order to develop new products and find unique solutions for the woodworking industry. In order to meet the challenges that address the needs of the market, many changes were made at DIMAR.

- The existing production procedure in the plant and the production lines have been equipped with the newest production technology - accurate, fully automatic and untouched by human contact.
- An advanced and sophisticated laboratory was established to enable research and testing of the tools during the development stages.
- DIMAR has been awarded the ISO 9001 certificate.
- The development of a new and durable carbide that withstands the working with abrasive materials for a longer lifetime.
- Changes were made in the tools' geometric structure to better match it to different types of wood processing.
- DIMAR devised a unique technological process in the straightening, balancing, and tensioning of saw blades.

All the above changes that were made, together with existing products that have been upgraded, as well as numerous new internationally patented products offering exclusive solutions have all been integrated in this catalogue.



Engineering

The company's engineering and development teams work continuously on developing new products and improving existing products. Originality and creativity are two key characteristics of Dimar's development teams. This approach promotes the development of many unique products, some of which have received global patents. Through the use of advanced CAD/CAM systems, Dimar's engineering and development teams are able to find and implement solutions to complex engineering problems.

The development department has at its disposal a sophisticated laboratory for testing under tough working conditions.

The department also collaborates with international research institutes in developing materials and new tools.

Quality

Quality leads the way at Dimar. Tools are made to comply with stringent quality standards and the company's products are recognized around the world for their high quality.

The raw material is an important component of the quality of the tools. Dimar ensures that the raw material is purchased from the leading suppliers in the world.

The quality control process is done according to the Mil Standard – required as per ISO 9001-2000 in order to make sure that the products are uniform and of the highest quality.

In planning and producing the tools, Dimar follows safety standards that are among the most rigorous in the wood industry – the EN847 and HOLZ BG standards.

Production

The production in Dimar is done according to the requirements of the ISO 9001-2000 standard, that is the standard under which the company is certified. Dimar's production includes CNC machines and automatic feed rate machines that have been designed and developed especially for Dimar.

The computerized machines and the use in robotics enable the production of complicated tools that demand a high level of accuracy and precision. The use of these advanced machines ensure repeatability and a high quality product for a long lifetime.

