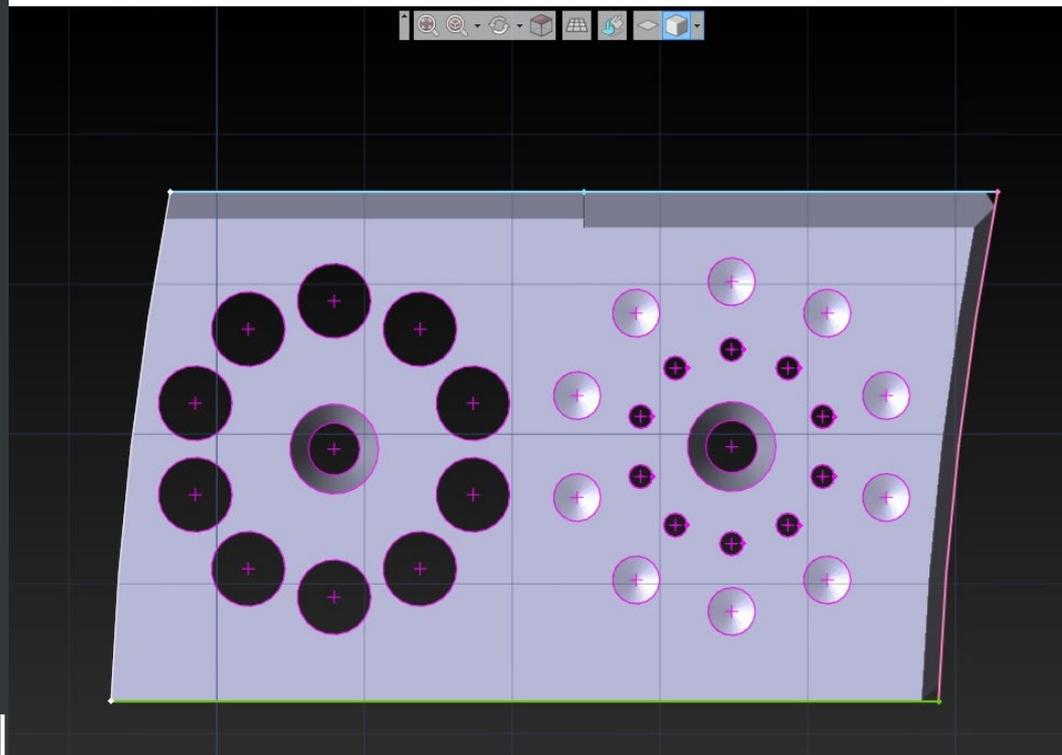# OMNIWIN
OPTIONS

Option Drill

Precision meets efficiency

DIGITAL

Streamline your drilling processes

The OmniWin Option Drill is the essential module for generating NC code with drilling operations, seamlessly integrated into your CAD/CAM workflow. It provides everything you need to create, manage, and optimize drilling processes from design to production. Boost productivity, ensure accuracy, and streamline your drilling processes with the OmniWin Option Drill.
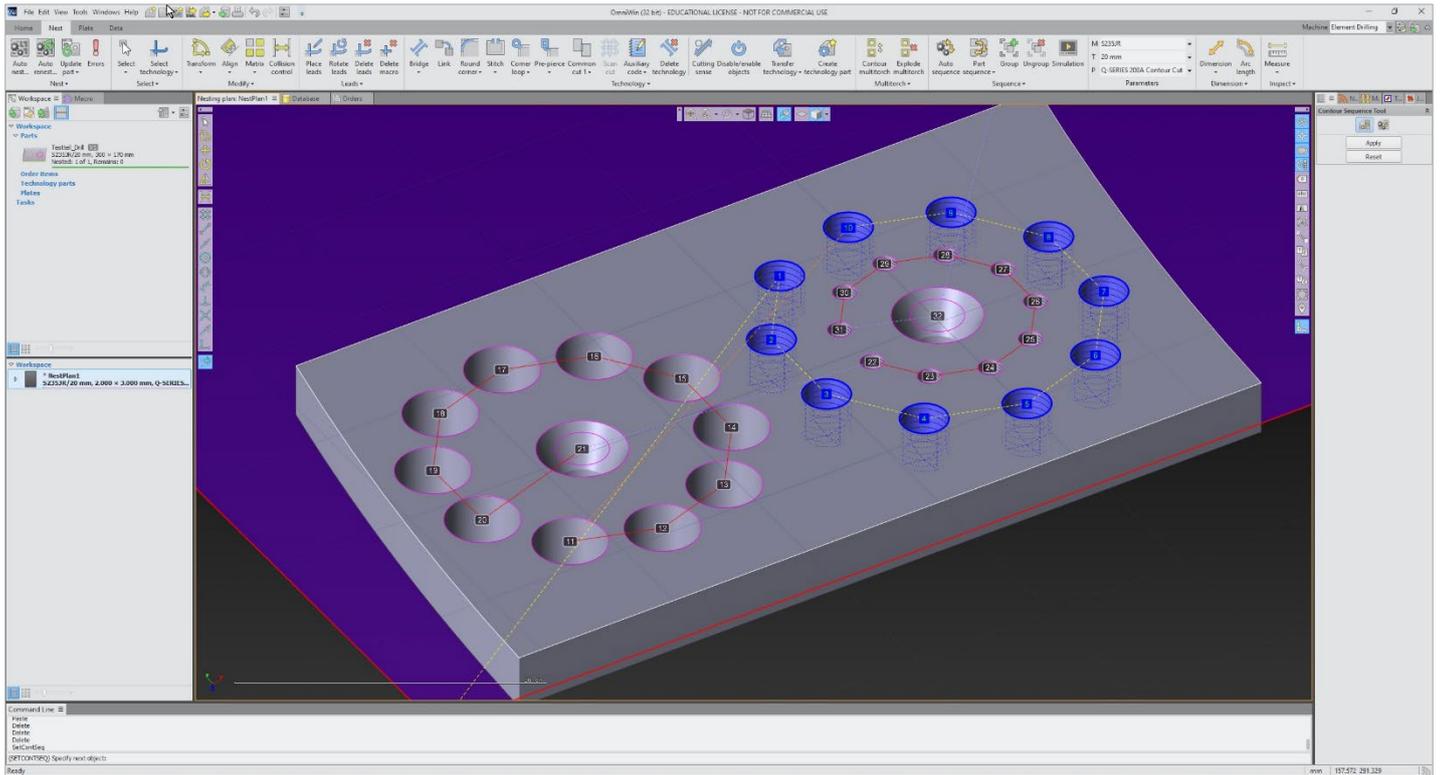
Features of OmniWin Option Drill

Create drilling operations in CAD mode

Design and define drilling tasks directly within your CAD environment. Drill holes can be inserted into drawings, converted from existing points, or generated via the command line for maximum flexibility. A wide range of drilling types such as through holes, tapped holes, blind holes, and deep drilling are fully supported, including variations with countersinking. Every detail can be set precisely, and all operations are displayed in 3D, ensuring complete accuracy and transparency, even down to the thread representation.

+ Creating drill holes in drawings
+ Converting points to drill holes
+ Creating drill holes from the command line
+ Set drill point properties:
    + Marking hole
    + Through-hole
    + Through-hole with countersink
    + Tapped hole
    + Tapped hole with countersink
    + Blind hole drilling
    + Blind hole drilling with countersink
    + Deep hole drilling (deep hole drilling)
    + 3D representation including thread

Efficient tool and process management

The OmniWin Option Drill includes an integrated drill tool database, making it simple to select and manage tools for every job. Drill holes are clearly visualized in both drawings and nesting layouts, giving operators full control over the process. Users can manually sequence drill holes, group them for efficiency, or rely on the automatic sequencing function, which optimizes the drilling order—for example, when tapping or creating pilot holes before thermal cutting. With built-in machining time calculation, production planning becomes more accurate, predictable, and cost-efficient.

Management of drilling tools

+ Integrated drill database for drilling tools

Creation and modification of nesting plans

+ Display of drill holes in drawings and nesting plans

+ Manual sequencing of drill holes and the ability to group drillings

+ Automatic sequencing of the drilling sequence (e.g. for tapped holes or pre-drilling before thermal cutting)

+ Production time calculation for drilling operations

+ Post-processors for Messer Global Control and Global Connect machines

+ Generation of NC Code for nesting plans (straight and bevel cutting)

Seamless integration into your production

Designed for maximum compatibility, the OmniWin Option Drill works seamlessly with Messer Global Control and Global Connect machines. Dedicated post-processors ensure reliable communication and precise NC code generation. Whether drilling vertically or at an angle, the module guarantees high-quality results and smooth integration into existing nesting plans—allowing your production line to achieve superior performance with minimal effort.

Find a tabular overview of all OmniWin options here: **OmniWin 2025**

Free online live demo

Learn more about OmniWin, the editions and the options in an exclusive live presentation.

Simply scan the QR code and register for free.