

Notching Marking Module – NMM

The Notching Marking Module offers a combination of high-performance punching, notching, and marking tools for leather, rubber and textile materials.

The NMM punches leather and rubber materials and creates high-quality, geometrical-ly precise notches in a variety of materials used in garment and upholstery applications – all functions are performed with remarkable speed!

This module includes two independently operating punches that accommodate a variety of punching and notching bits.

For punching and notching, the hole punches and notching bits are pressed through the material with pneumatic force.

Punching: rotating punching bits are desi-

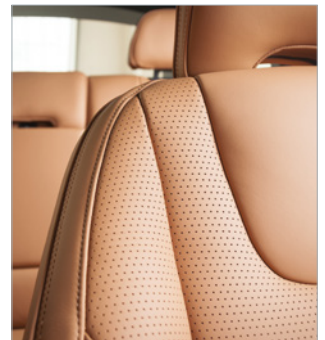
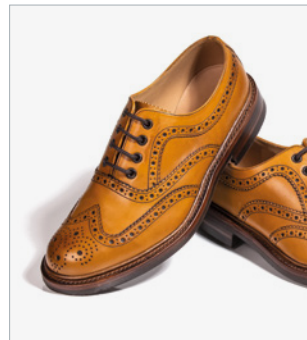
gned to cut clean holes even in tough materials up to 6 mm thick. Advantages of this process are high capacity and very good, consistent hole quality.

The waste pieces created in the process are suctioned off and collected in a receptacle on the back of the module. With a few turns of a screw, this waste container can easily be removed and emptied as needed.

Notching: This process creates V- or I-shaped cuts in textile and leather materials up to 2.5 mm thick. Individual notches can be placed within/outside of parts and are always

perpendicular to the contour cut line. Because of the geometry of the notching bits, the cuts are geometrically perfect, fast, and efficient.

Marking: The marking unit can accommodate a variety of drawing inserts and pen cartridges. Applications include pattern marking and labeling. In addition, the marking tool can be used for temporarily indicating seams with water-soluble silver markers or ballpoint pens.



Details

Up to 8 holes/sec (dep. on material).

Use punching bits with a shank diameter of 7 mm.

Use of notching bits for V- and I-shaped notches.

Use of marking/plotting tools with a diameter of 15/20 mm.

Wide assortment of punching and notching bits available from Zünd:

- HSS punching bits with 0.5 – 5.5 mm hole diameters
- HM punching bits with 3.0 – 5.0 mm hole diameters
- V-notch bit 60° with 6 and 3 mm notch lengths (large/small)
- I-notch bit with 5 mm notch length

Compressed air requirements approx. 150 l/min at 0.7 – 0.8 MPa.

Compatible with G3, D3.

Benefits at a glance

Powerful, robust module with superior punch capacity.

Use of two punching/notching bits and one drawing tool.

High quality, consistent punch/notch results.

Highly efficient, geometrically precise notching.

Reliable waste removal into integrated receptacle.

Use of numerous standard, cost-effective drawing inserts/pen cartridges.

Fully supported in Zünd Cut Center and MindCut software.