





### **Digima multi-groove prism die for the AMADA 85x85x2500 80T press brake**

We are pleased to present a professional lower die (multi-groove prism) from Digima, designed for advanced work on press brakes operating within the Amada system. This tool has been designed to operate at pressures of up to 80 tonnes, enabling precise processing of a wide range of materials, including thick sheet metal. Manufactured from high-grade T8A tool steel, it offers excellent compressive strength and a long service life for the cutting edges, even under intensive industrial use.

The die features a four-sided design with a side length of 85 millimetres, which translates into exceptional tool rigidity and resistance to deformation under load. Thanks to its multi-slot design, the operator has a choice of different V-channel opening widths, enabling the machine to be quickly adapted to a specific task without the need for time-consuming retooling. Each channel has been precision-finished by grinding to ensure repeatable bending angles along the entire 2,500-millimetre length of the tool.

Compatible with the **PBH-80-2500 press and others of these dimensions**



## KARTA PRODUKTOWA

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### Quality requirements and tolerances

- **Geometric accuracy:** the error in parallelism and straightness of the die along its entire length is less than or equal to 0.05 millimetres.
- **Safety and assembly:** sharp edges at both ends of the die have been chamfered at 5 by 45 degrees.
- **Chamfering of external edges:** the tool body has 1:45-degree chamfers in four places.

\*The photographs are for illustrative purposes only; the main image shows the cross-sectional shape of the tool as depicted in the technical drawing (without indicating the length), whilst the side view provides an example of what such a segment would look like in reality