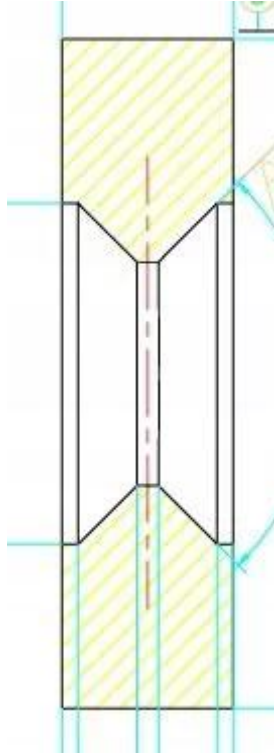




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4x2500 mm lower guillotine blades for NG4 hydraulic 4-way shears – replacement





Lower blade for 4x2500 hydraulic guillotine – 9CrSi steel, hardness HRC 55–60

We present a high-quality lower blade (fixed), designed for use in hydraulic and mechanical guillotines with a capacity of 4x2500. This component is mounted directly onto the machine table, providing crucial support for the material and working in conjunction with the upper blade to achieve a precise cutting line.

What does the 4x2500 specification mean?

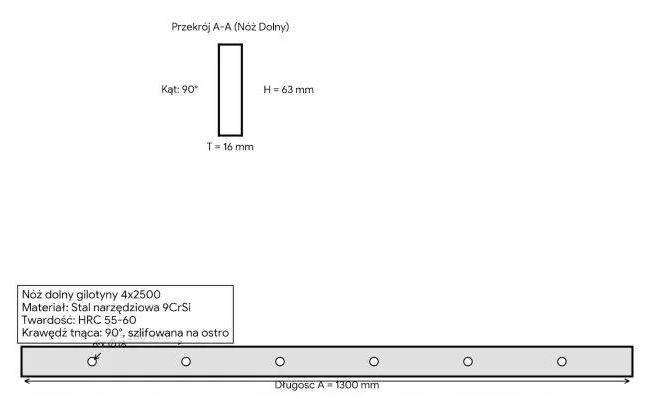
This specification defines the tool's maximum operating capabilities:

- **4 mm** – the maximum permissible thickness of the sheet being cut (for structural steel).
- **2500 mm** – the maximum width of the sheet that can be processed in a single cycle.



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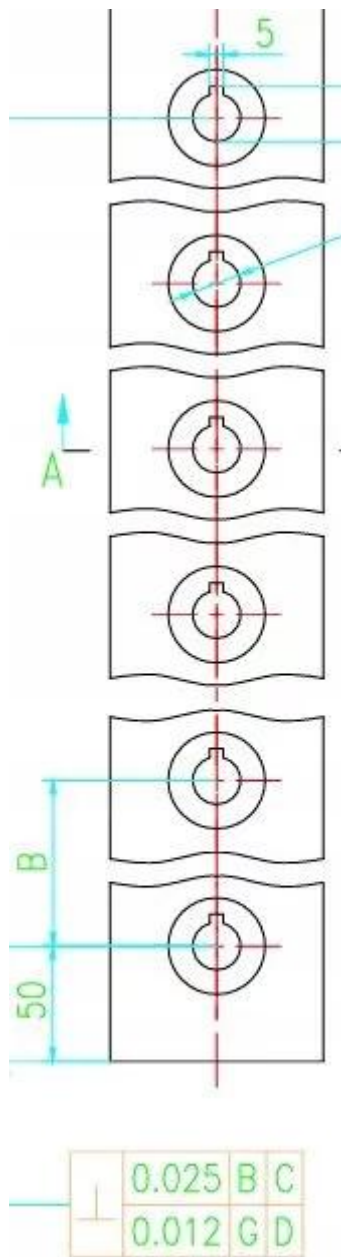
RYSUNEK TECHNICZNY - NÓŻ DOLNY 4x2500



Installation instructions

The lower blade must be positioned perfectly parallel to the upper blade. In accordance with the technical requirements, the cutting edge must not have any rounding or blunting, which is crucial for maintaining a clean cut without the edge of the sheet metal being bent.

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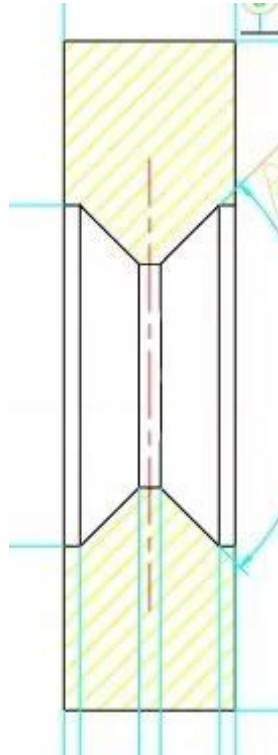


Technical specifications of the component

- **Blade type:** Lower blade (fixed lower cutting edge).
- **Material:** Specialised 9CrSi alloy tool steel.
- **Hardness:** HRC 55–60 (achieved through a hardening and tempering process).
- **Length of a single segment:** 1300 mm.
- **Thickness:** 16 mm.
- **Height:** 63 mm.
- **Edge geometry:** 90-degree angle (ensuring stable support for the sheet).

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- **Mounting system:** Through holes with chamfers for 18 mm diameter mounting bolts.



Key features and operational safety

- **High dimensional stability:** Thanks to the use of 9CrSi steel, the lower blade retains its geometry even under high pressure when cutting 4 mm thick sheets.
- **Excellent wear resistance:** A hardness of up to HRC 60 ensures that the cutting edge remains sharp throughout a long production cycle, which significantly reduces the machine's running costs.
- **Precise fit:** Mounting holes spaced at 200 mm intervals along the axes allow the segment to fit perfectly onto the guillotine table beam.

Quality control: Each segment undergoes non-destructive testing to rule out internal defects, thereby eliminating the risk of the component fracturing suddenly during operation.

Please note that not only can you purchase top-class cutting components from our company, but we also offer a **professional blade replacement service**.