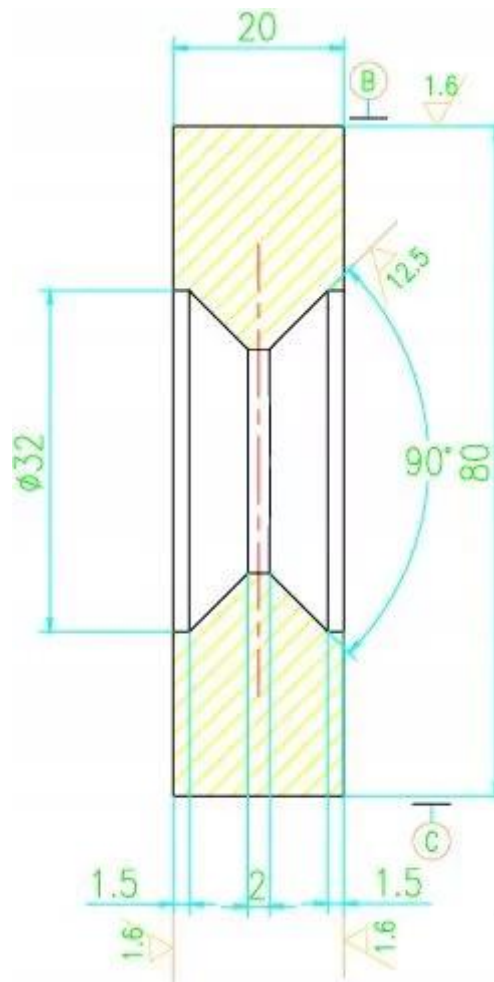


KARTA PRODUKTOWA

6x2500 mm lower guillotine blades for NG4 hydraulic 4-way shears – replacement





Lower blade for 6x2500 hydraulic guillotine – 9CrSi tool steel

Hardness HRC 55–60

Characteristics and intended use of the 6x2500 lower blade

We present a highly specialised lower blade (stationary) designed for use in heavy-duty hydraulic and mechanical guillotines. This component forms the foundation of the cutting process, acting as a fixed support edge against which the workpiece rests. This model has been designed for machines with a capacity of 6x2500, enabling the precise cutting of steel sheets up to 6 mm thick with a sheet width of 2500 mm.

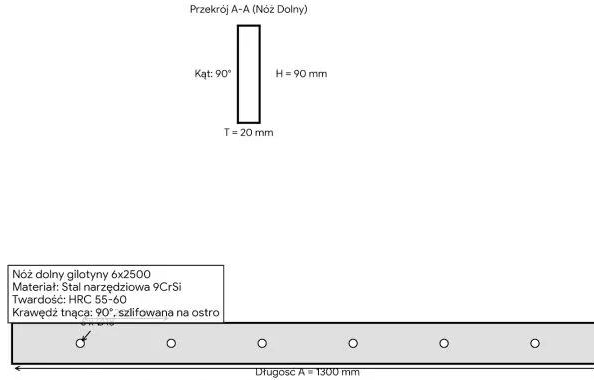
Key technical parameters of the section:

- **Blade type:** Lower blade (lower / stationary blade).
- **Intended use:** Guillotine shears with operating parameters of 6 mm thickness and 2500 mm width.
- **Length of a single segment (A):** 1300 mm.
- **Segment system:** A set for a 2500 mm machine consists of two such segments.



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RYSUNEK TECHNICZNY - NÓŻ DOLNY 6x2500



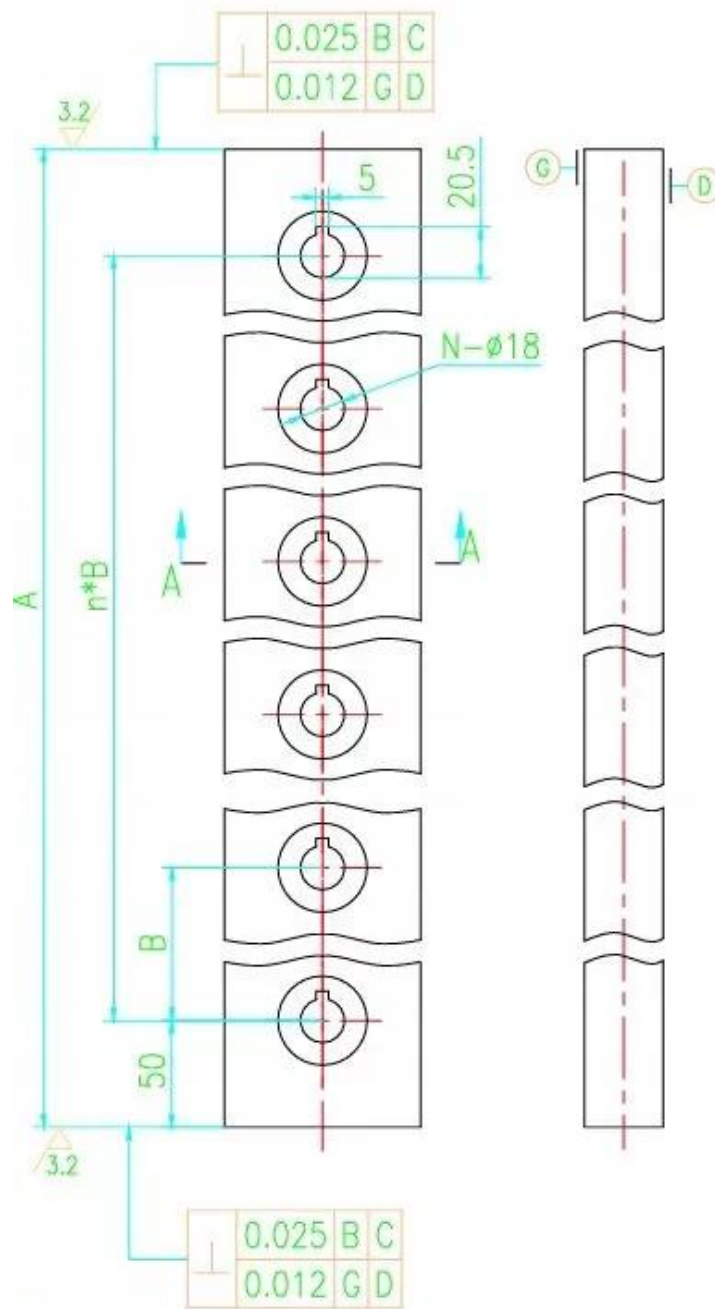
The material and advanced technology of 9CrSi steel

The key to the reliability of this knife lies in the use of a silicon-chromium tool steel alloy designated 9CrSi. This material is characterised by excellent dimensional stability and extreme resistance to abrasion, which is essential when in constant contact with hard sheet metal. Thanks to precise hardening, the cutting edge retains its performance characteristics throughout a long period of intensive use.

Material and strength parameters:

- **Steel grade:** 9CrSi alloy tool steel.
- **Working hardness:** Between 55 and 60 HRC on the Rockwell scale.
- **Heat treatment:** An annealing and hardening process ensuring a uniform steel structure.
- **Quality control:** Each component has undergone non-destructive testing to rule out internal defects.

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Precision of manufacture and assembly system

The lower blade has been manufactured to a precision standard that ensures a perfect fit against the machine table. The mounting hole system has been designed to minimise tool changeover time and ensure maximum safety during operation. The screw sockets are precisely chamfered, which protects the screw heads from damage and allows the sheet metal to move freely across the guillotine table.

Mounting and dimensional specifications:



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- **Blade height (H):** 90 mm.
- **Cutting edge angle:** 90 degrees (standard for stationary lower blades).
- **Maintenance requirement:** It is strictly forbidden to blunt or round off the cutting edge – the blade must remain sharp to maintain precision.

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