



## KARTA PRODUKTOWA

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### Digima HT-180T 1,800 kN punching machine





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Hydraulic punching machine

### **Digima HT-180T** **1,800 kN punching machine**

The most powerful hydraulic machine for punching, notching, bending and processing steel components for intensive industrial work.

**HT-180T** is an industrial hydraulic punching machine with a pressing force of **1,800 kN**, designed for heavy-duty, repeatable work in production plants, metalworking shops, construction companies and metalworking workshops.

The machine enables punching holes in sheet metal, flat bars, tubes and profiles, as well as tube notching, bending steel components, corner processing and preparing parts for further assembly, welding or serial production.

Pressing force **1800 kN**

Max. punching thickness **40 mm**

Max. hole diameter **40 mm**

Motor power **18 kW**

Main machine photo



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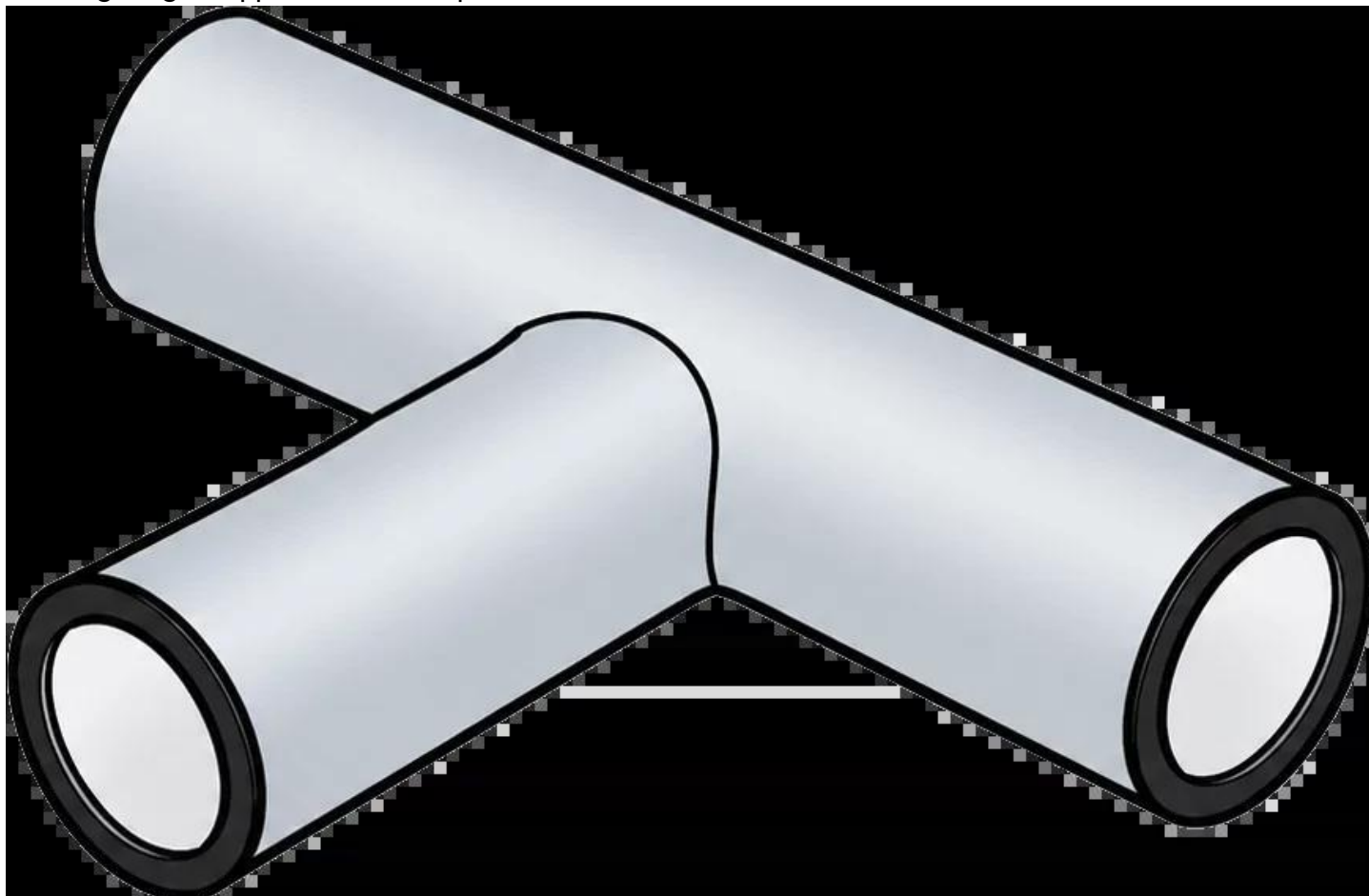
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### Working range 9 applications and operations



Nacinanie rur

## KARTA PRODUKTOWA

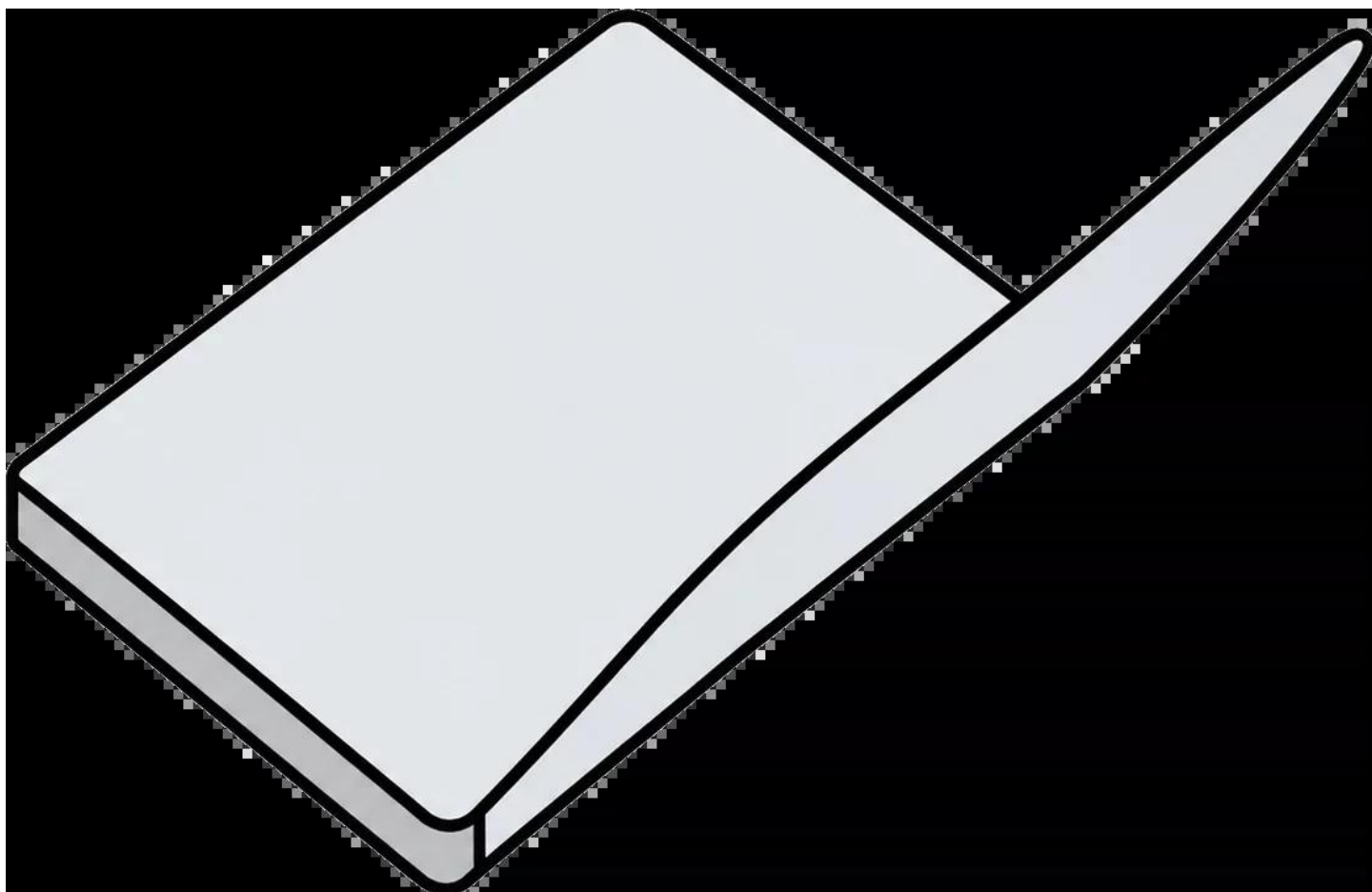
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Punching holes *in tubes*

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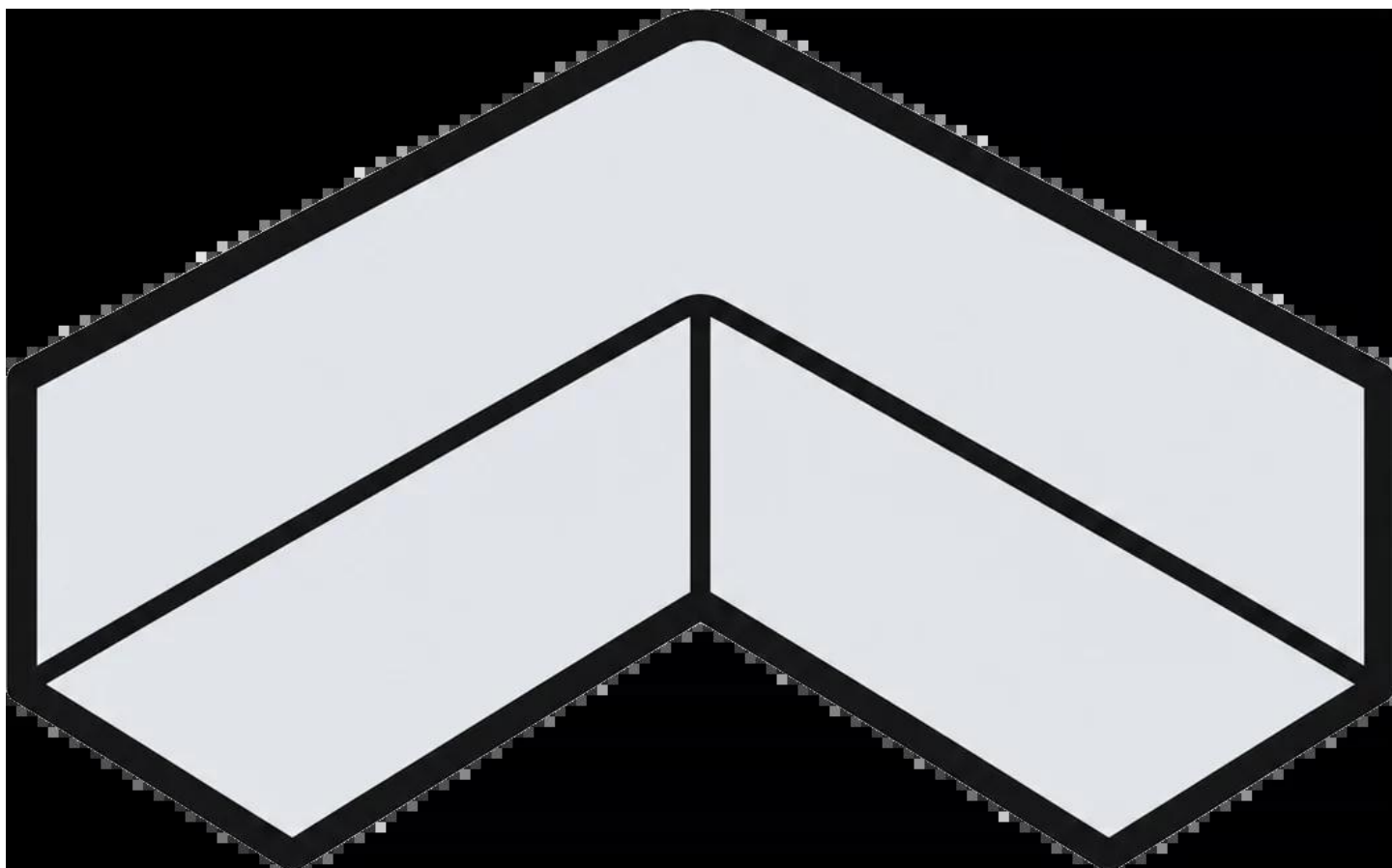


Bending *flat bars*



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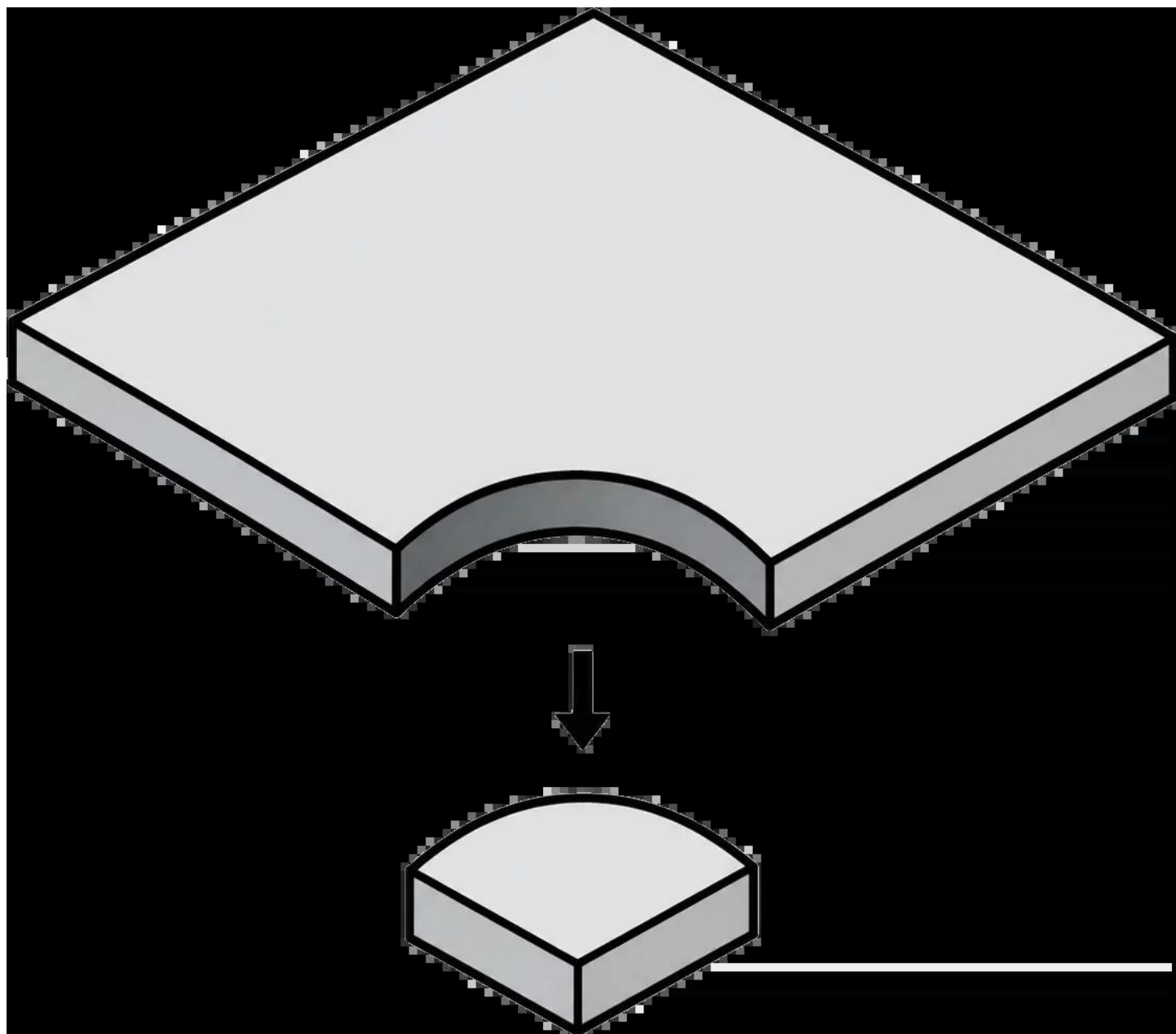
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*Bending angle bars*

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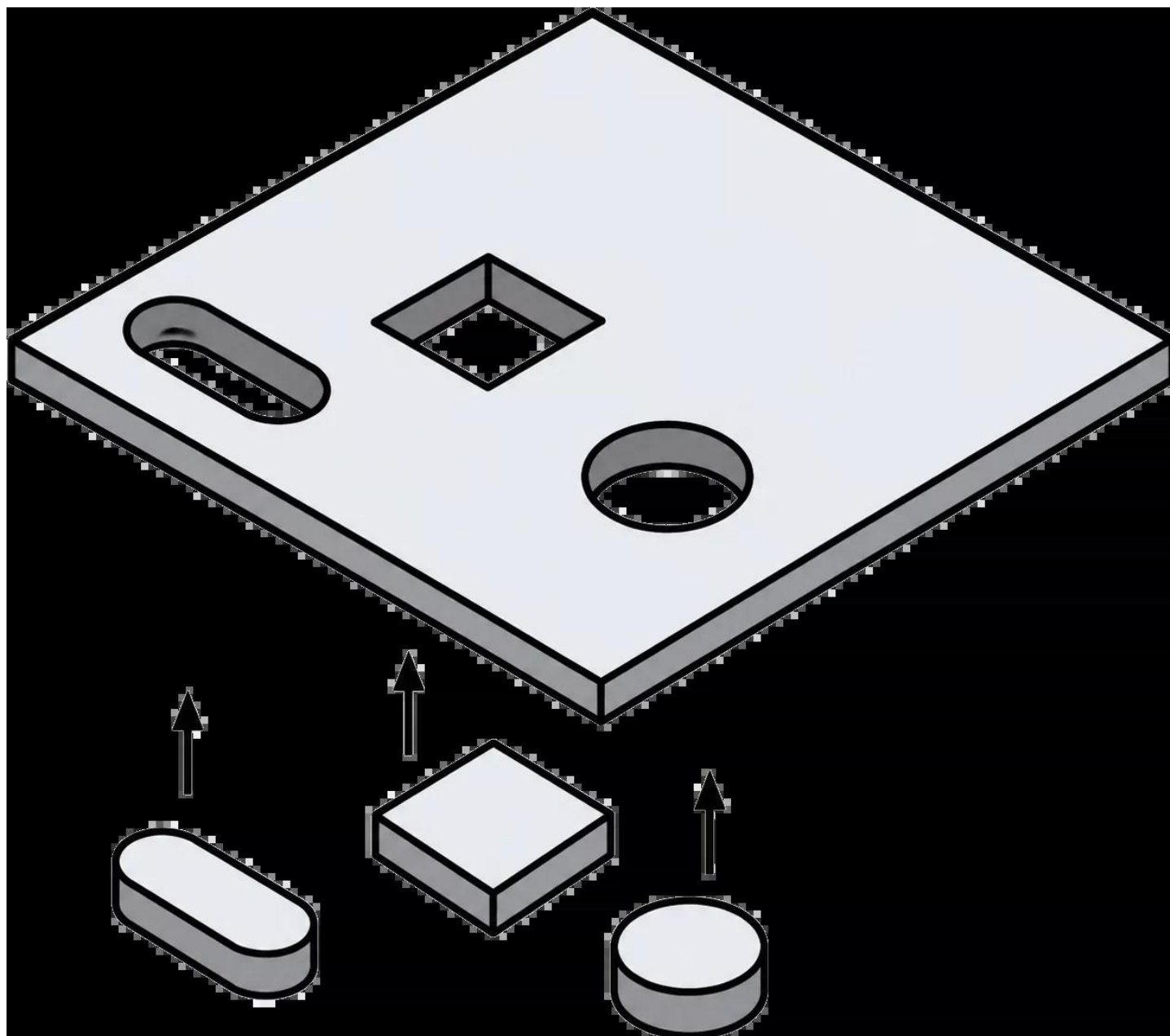
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*Radius corners*

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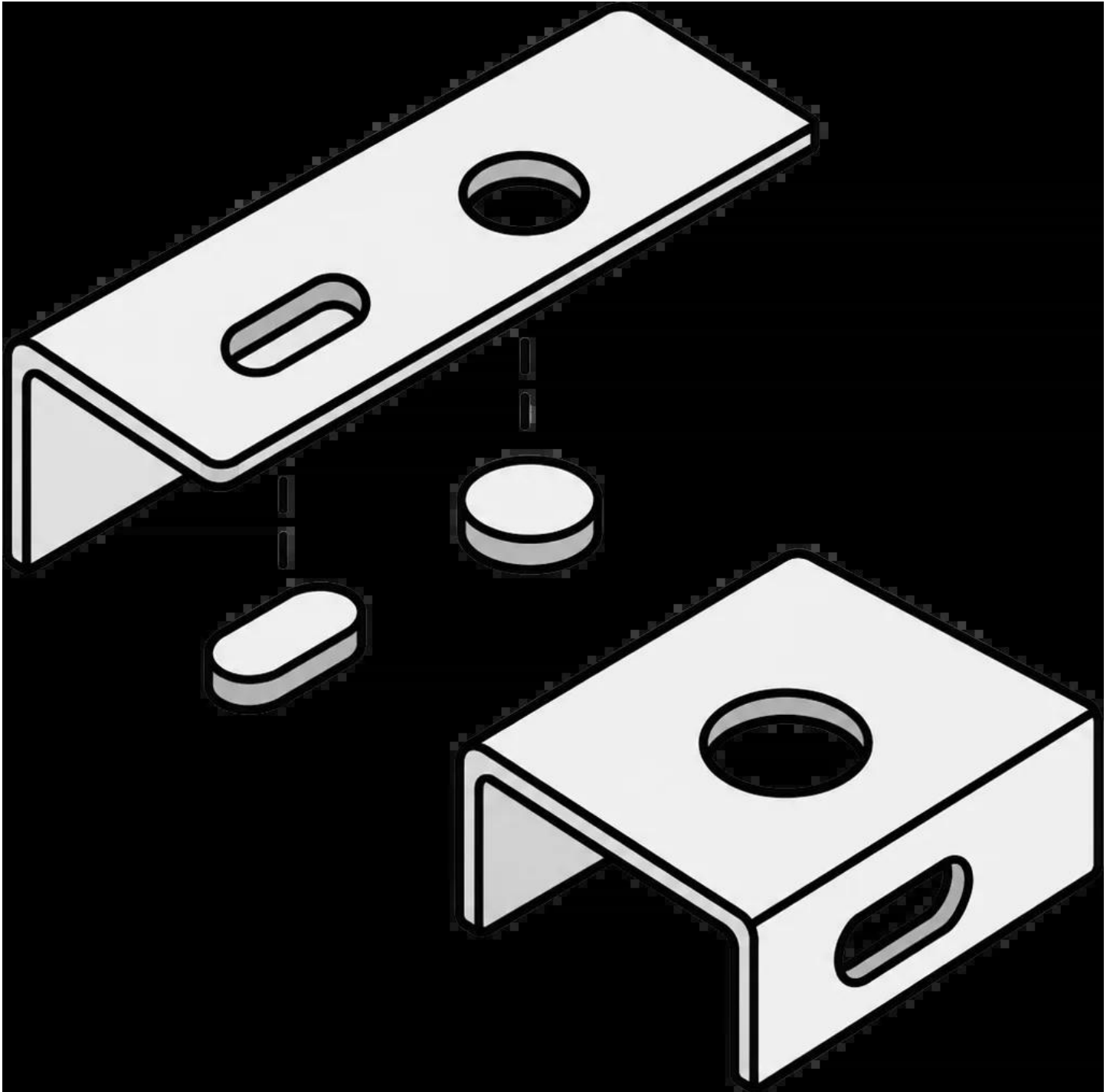
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Punching holes *in plates*

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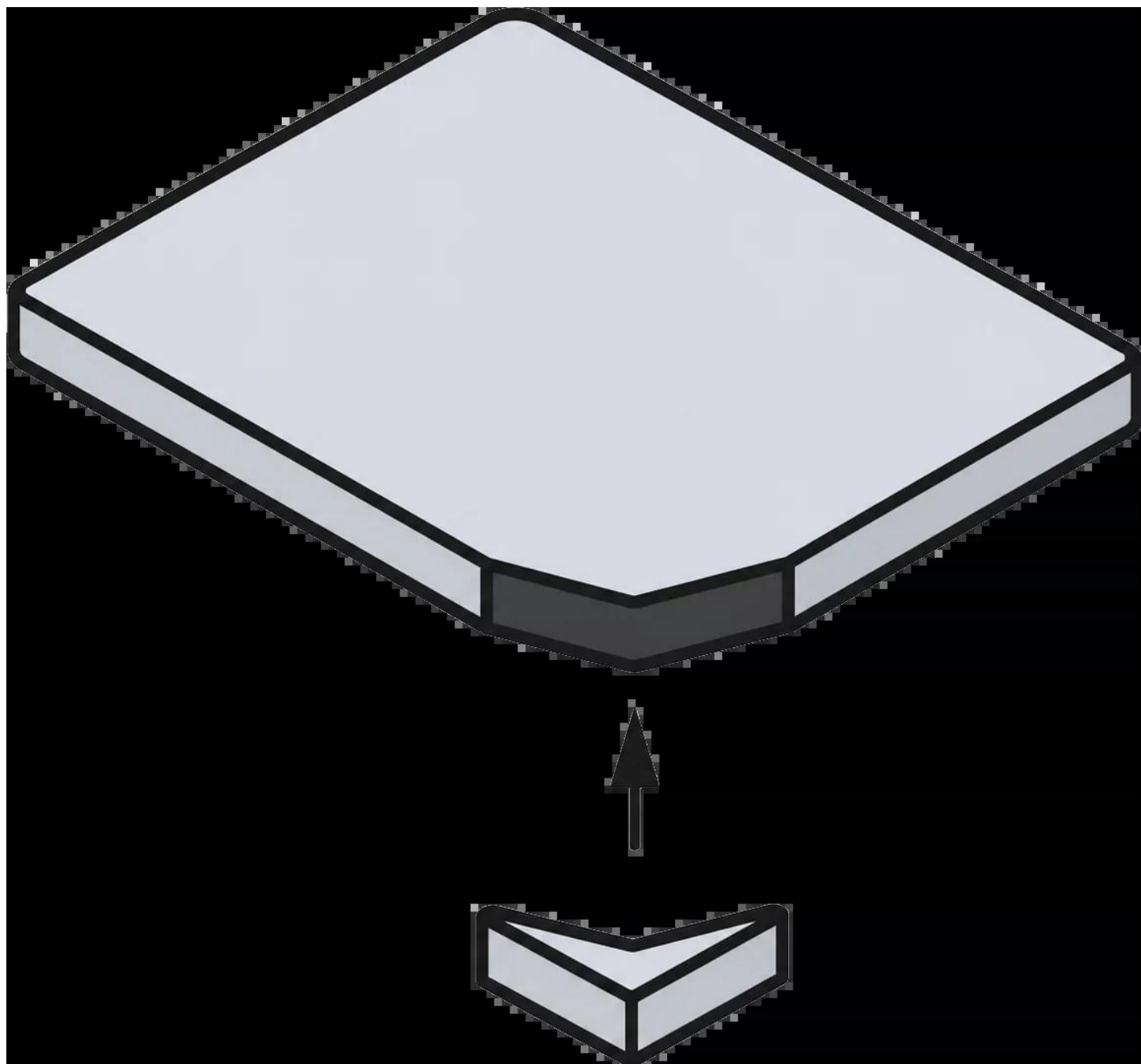
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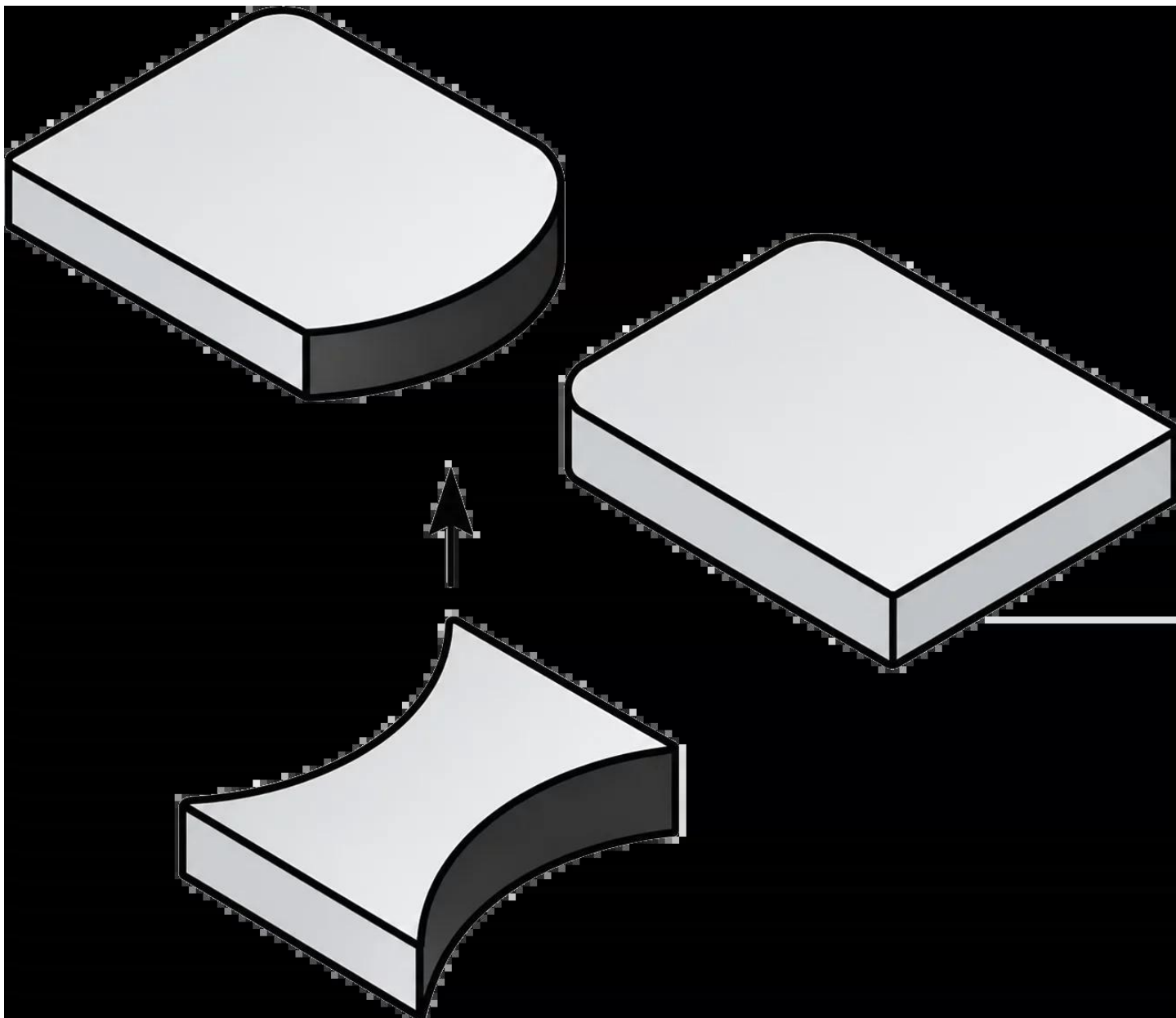
Wykrawanie w profilach

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Rounding corners

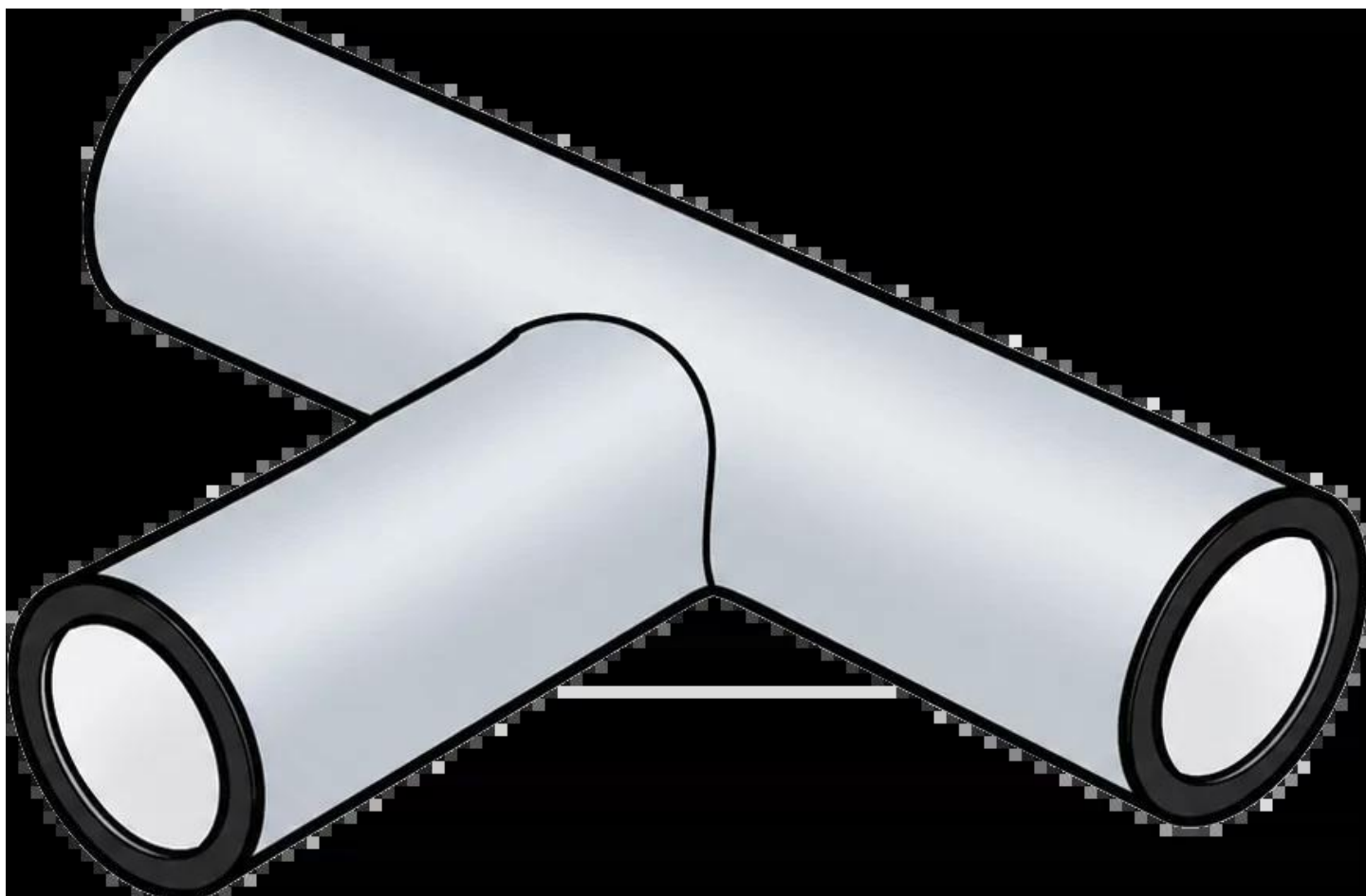


Double-sided rounding of edges

Applications

### **One machine – 9 practical metalworking operations**

HT-180T enables multiple tasks at a single workstation: punching, notching, bending, processing tubes, profiles, flat bars and corners. Thanks to its high pressing force, the machine is suitable for heavier parts and reduces the need for several separate machines.



### Tube notching

The machine enables notching tubes and preparing them for further joining or assembly.

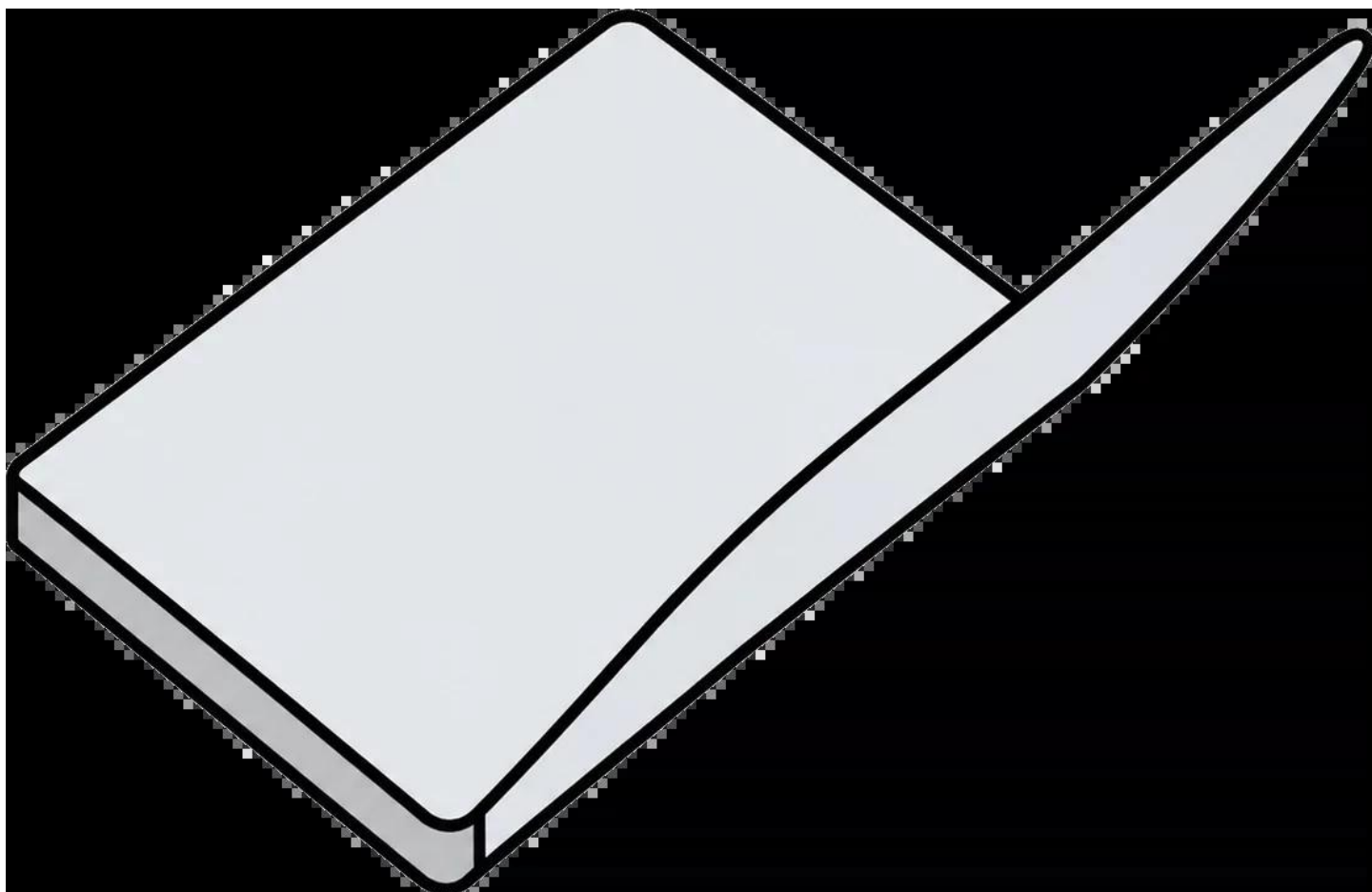


### **Punching holes in tubes**

HT-180T enables hole punching in tubular elements and steel profiles.

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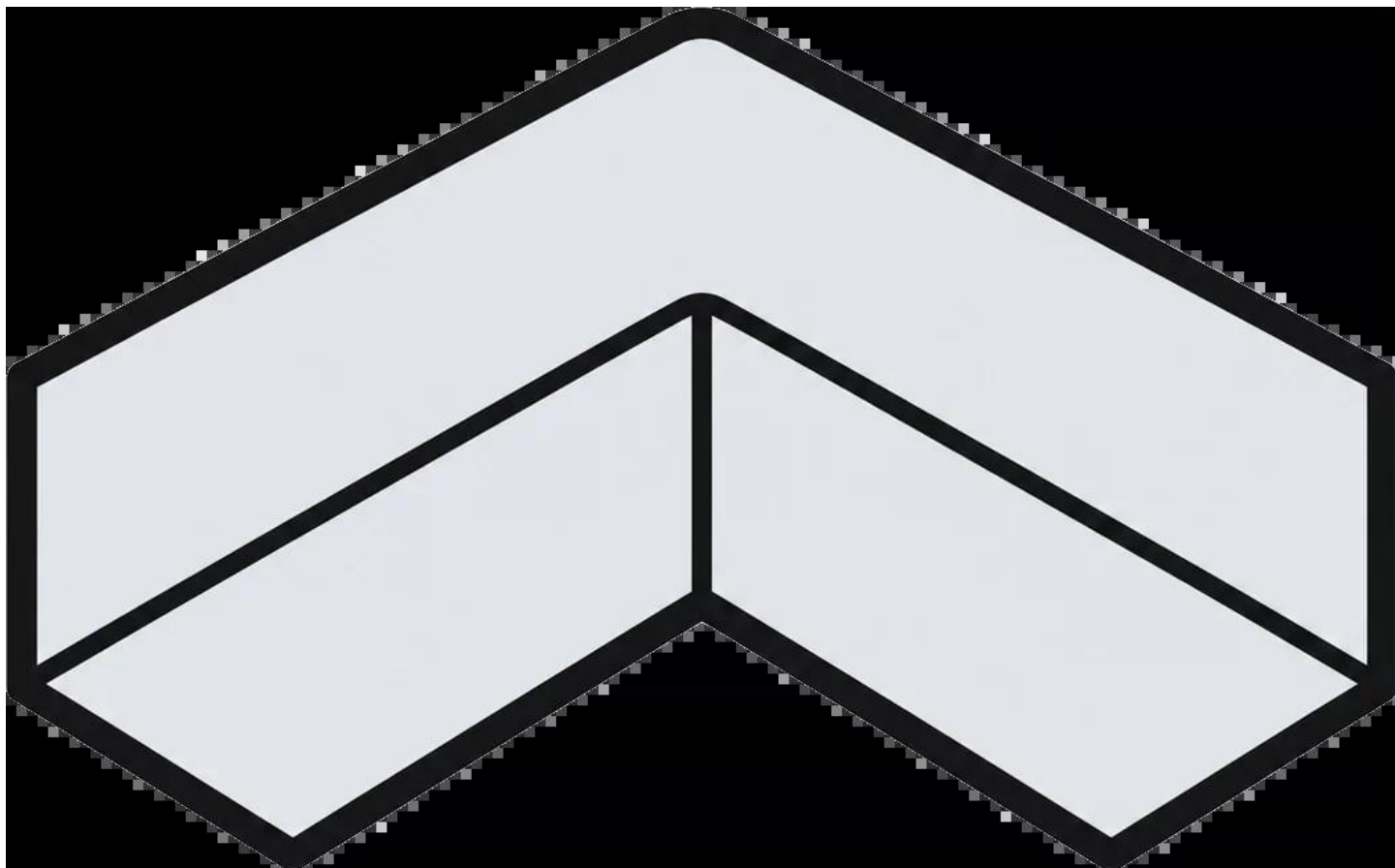
### **Flat bar bending**

With the appropriate tooling, the machine can operate as a press for bending flat components.



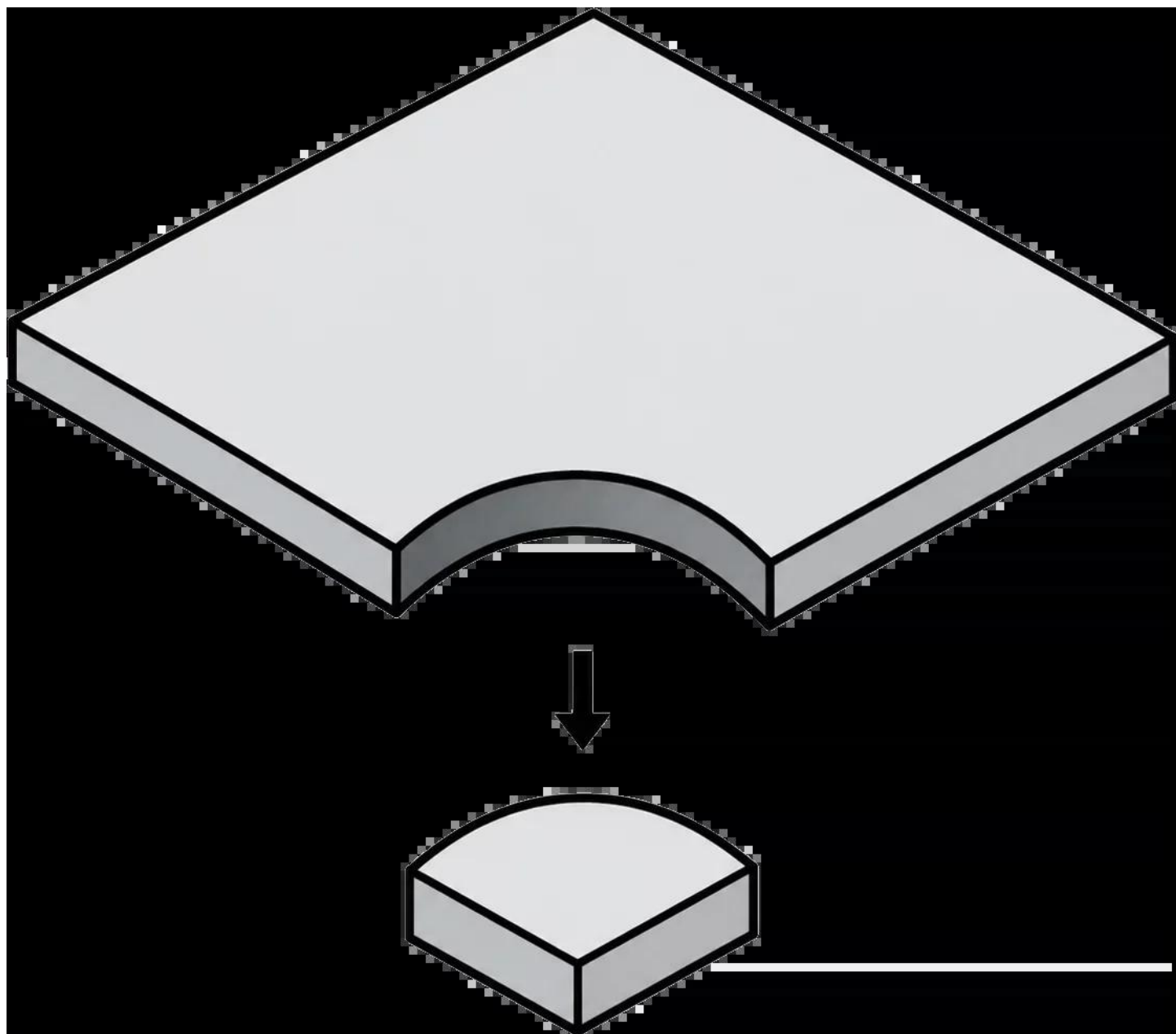
## KARTA PRODUKTOWA

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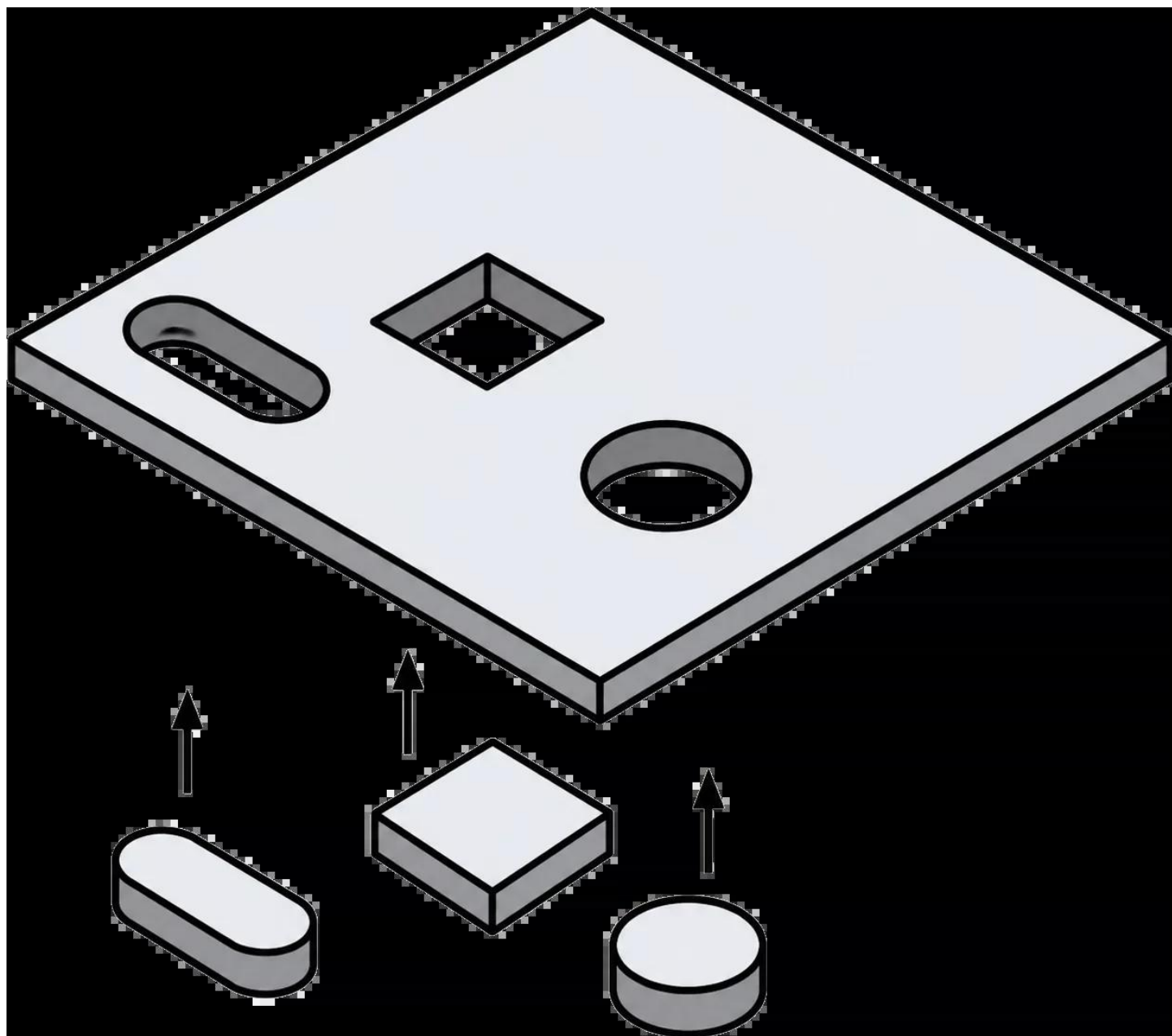
### Angle bar bending

The machine supports angle bar processing and preparation of structural components.



### Radius corner processing

The machine enables corner shaping and produces repeatable components with a specified radius.

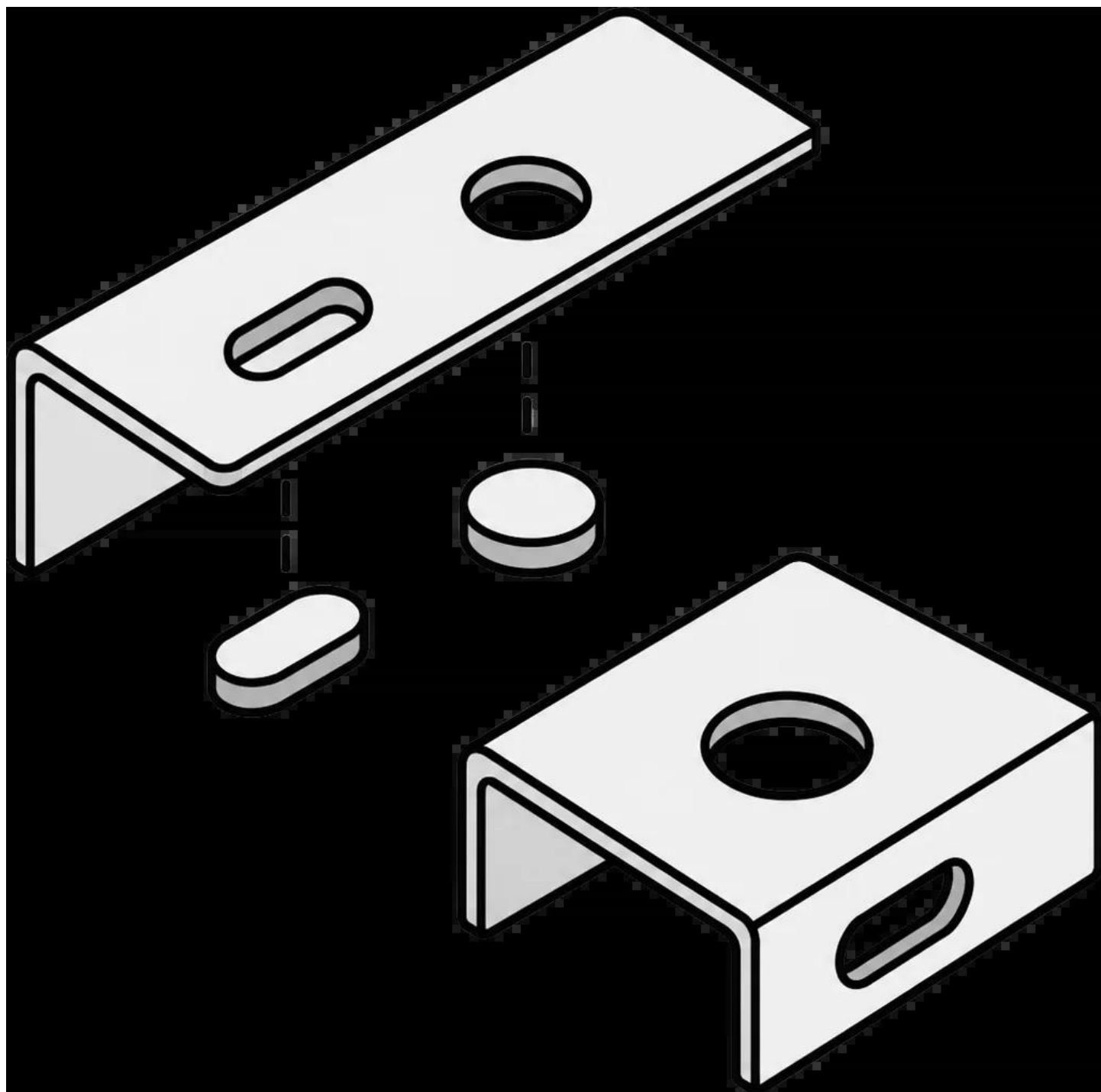


### Punching in plates

HT-180T enables punching round, elongated and other shapes in plates and steel sheets.

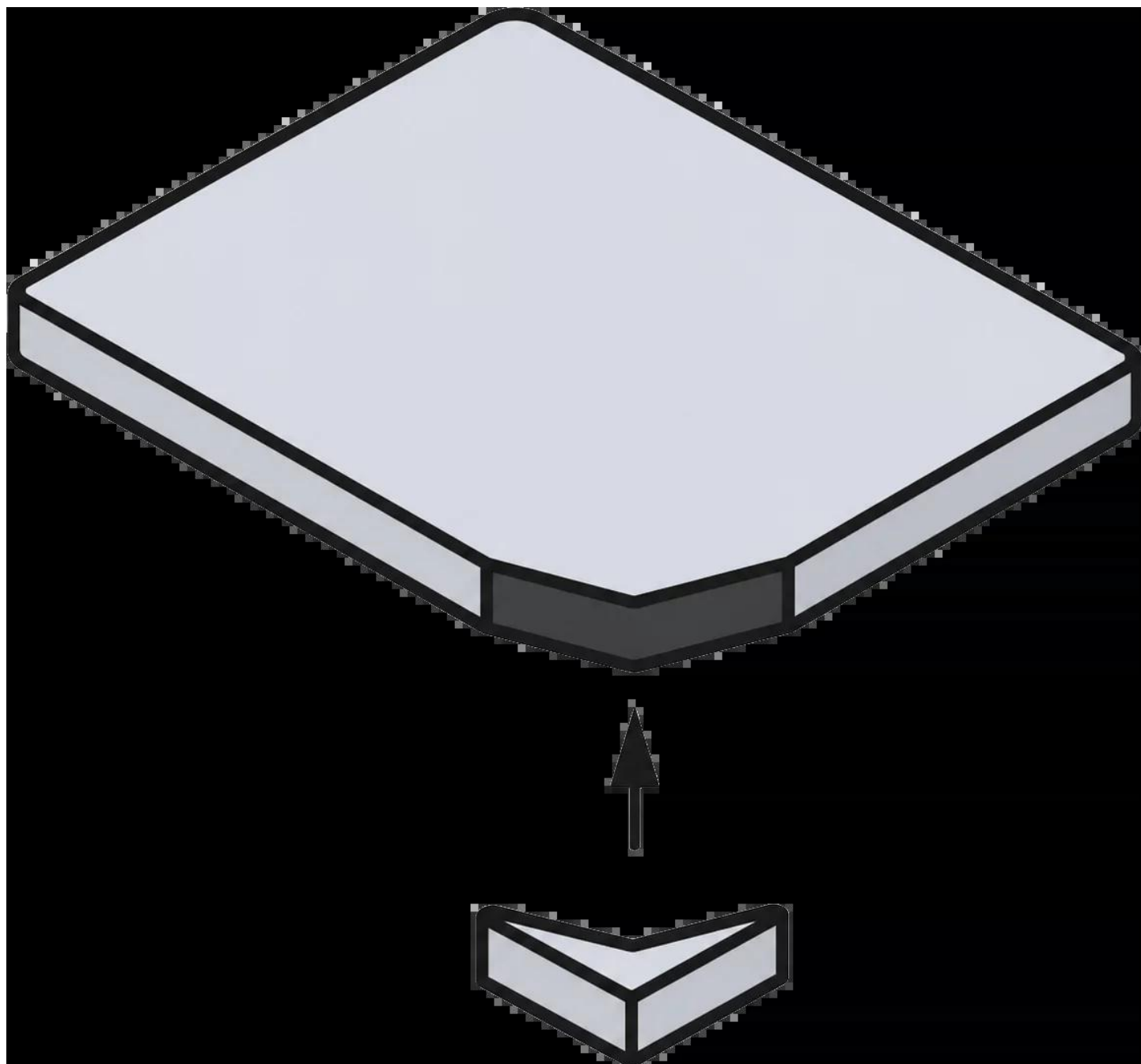
## KARTA PRODUKTOWA

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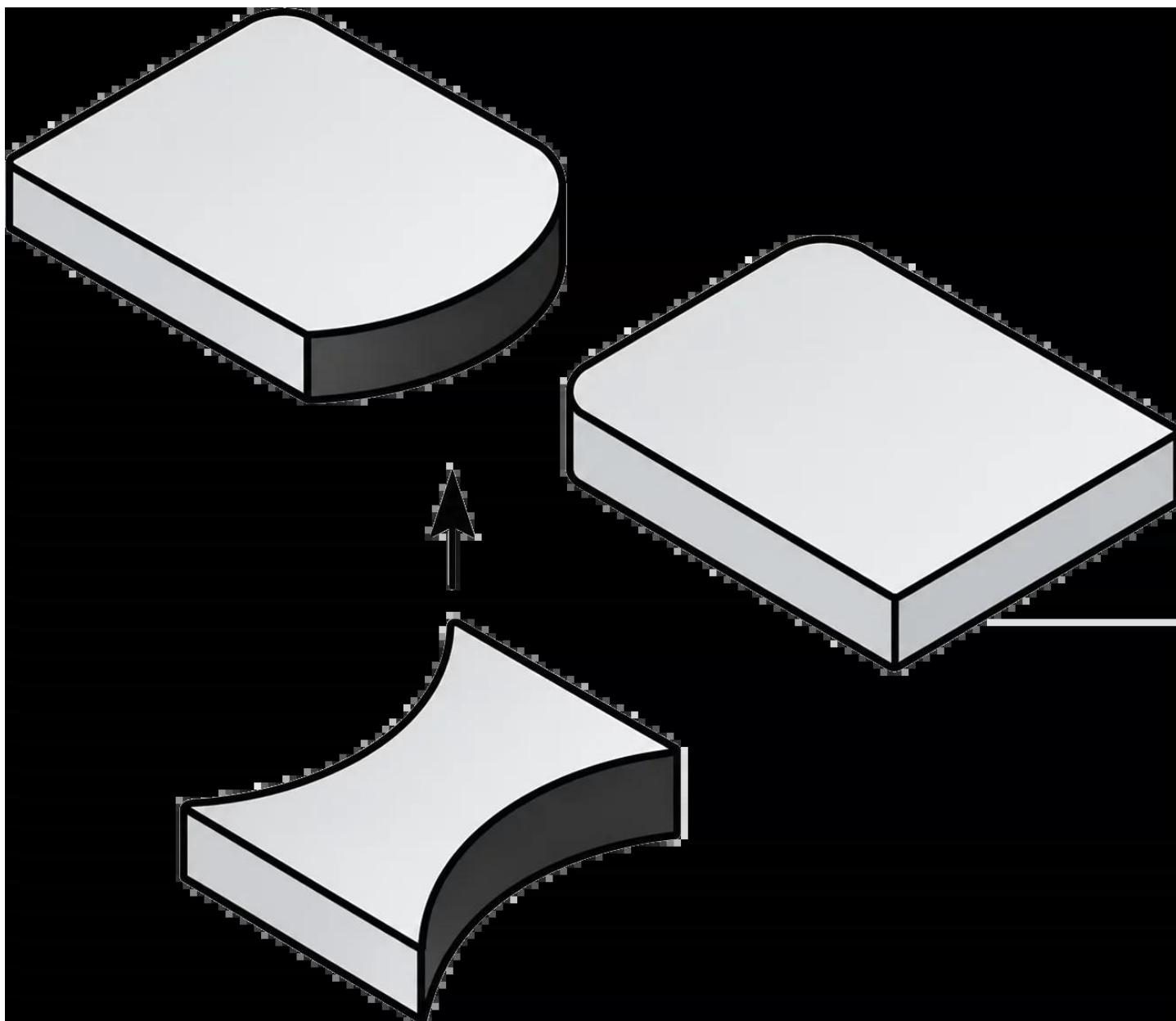
### Punching in profiles

The machine is suitable for punching in angle bars, profiles and structural elements.



### Corner rounding

The machine enables corner processing of parts, improving their appearance and preparation for assembly.



### Double-sided edge rounding

HT-180T enables edge processing and rounding components on both sides, depending on the tooling used.

Key benefits

**Powerful hydraulic punching machine for heavy-duty production, metalworking and steel structures**

1800



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### Maximum pressing force

The 1,800 kN force enables efficient processing of thick and demanding steel components.

40

### Punching up to 40 mm

The machine enables work with material up to 40 mm in maximum punching thickness.

Ø40

### Holes up to 40 mm

The maximum punched-hole diameter is 40 mm, increasing application versatility.

600

### Deep throat

The 600 mm throat depth facilitates processing larger parts and structural elements.

18

### 18 kW motor

High drive power supports stable, dynamic and repeatable work in the production cycle.

9w1

### Multifunctionality

One machine for punching, tube notching, bending, and processing corners and profiles.

Technical specifications

### Digima HT-180T technical data

Technical specifications – HT-180T

Parameter

Value

Model**HT-180T**

Maximum punching thickness**40 mm**

Maximum punched-hole diameter**40 mm**

Pressing force**1800 kN**



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Throat depth **600 mm**

Maximum stroke **80 mm**

Stroke rate **8–20 strokes/min**

Motor power **18 kW**

Overall dimensions **2880×1240×2350 mm**

Machine weight **5500 kg**

HS code **8462490000**

### **Digima HT-180T – industrial 1,800 kN hydraulic punching machine for the heaviest metalworking**

**HT-180T** is a solution for companies that need an efficient workstation for punching, notching, bending and processing steel components. Its robust construction, 1,800 kN pressing force, large throat depth and broad range of applications make the machine ideal for production plants, metalworking shops and heavy-duty steel-structure processing.