THS265

Cutters
CW- Type: Cutting die with ribbon steel for soft samples
CH- Type: Steel cutting die for hard thick samples
CSS-Type: Cutters for metal

Presses
Manuel hand presses (p. 4)
Hydraulic press (pp.5-6)

THS265 Cutters

THS265-CW
• Cutting die with ribbon steel
• For 0-3 mm thick soft samples of plastic, cardboard, foam, leather, textiles, etc.
• Foam to keep sample and remove from knife
• Wooden base frame, standard dimensions: 175 x 75 mm, 200 x 75 mm, 220 x 80 mm
• Scope of delivery: cutting die incl. aluminium plate

THS265-CH
• Hardened steel cutting die
• For 0-10 mm thick samples of plastic, cardboard, foam, leather, textiles, etc.
• Ejector + pin for press
• Scope of delivery: cutting die incl. steel plate

THS265-CSS-127x63-ISO6892-T2-GDE
• Heavy cutter
• For thin metal foils, steel sheets, etc. up to max. 2 mm thick

THS265-CSS-127x63-ISO6892-T2-GDE
Sample size 205x35x1mm cutting force 235 kN
**Standard shapes for THS265-CW and THS265-CH:**

### Bone-shape
Item no.: THS265-CW-AxB
Item no.: THS265-CH-AxB

### Rectangular shape
Item no.: THS265-CWR-AxB
Item no.: THS265-CHR-AxB
A=B: square shape
Item no.: THS265-CWQ
Item no.: THS265-CHQ

### V-shape
Item no.: THS265-CWV-AxB
Item no.: THS265-CHV-AxB

### Circular shape
Item no.: THS265-CHC

### Further shapes*
Item no.: THS265-CWS-AxB
Not possible with THS265-CH cutters

*Further shapes on request.
THS265-CW and THS265-CH can be delivered for any standard, e.g. ISO34, ISO37, ISO527, ASTM-D412, ASTM-D624, ASTM-D635, ASTM-D638, ASTM-D1004, EN455, EN527, ABNT NBR15557, DIN53504, etc.
Adapter + platens for direct use in tensile tester – no press needed

Including nylon counter plate (120x220 mm)

**THS265-CW6x33+Am35**

- e.g. cutting die with ribbon steel + adapter 35 mm for direct use in tensile tester

**THS265-CH6x33+sample ejector+Am317**

- e.g. hardened steel cutting die + adapter 31.7 mm for direct use in tensile tester
Presses

Manuel hand presses
including nylon counter plate (120x220 mm)

<table>
<thead>
<tr>
<th>Item no.</th>
<th>THS265-P8</th>
<th>THS265-P17</th>
<th>THS265-P26</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compression force:</td>
<td>8 kN</td>
<td>17 kN</td>
<td>26 kN</td>
</tr>
<tr>
<td>Weight:</td>
<td>22 kg</td>
<td>35 kg</td>
<td>46 kg</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>Ca. 160 x 230 x 410 mm</td>
<td>Ca. 170 x 270 x 415 mm</td>
<td>Ca. 140 x 310 x 475 mm</td>
</tr>
<tr>
<td>Handle length:</td>
<td>40 mm</td>
<td>60 mm</td>
<td>60 mm</td>
</tr>
<tr>
<td>Adjustable working height:</td>
<td>50 – 200 mm</td>
<td>75 – 180 mm</td>
<td>70 – 250 mm</td>
</tr>
<tr>
<td>Column height:</td>
<td>Ca. 410 mm</td>
<td>Ca. 415 mm</td>
<td>Ca. 475 mm</td>
</tr>
<tr>
<td>Base area:</td>
<td>Ca. 160 x 230 mm</td>
<td>Ca. 130 x 260 mm</td>
<td>Ca. 140 x 310 mm</td>
</tr>
</tbody>
</table>
Hydraulic press  100 kN, 520 bar incl. pump

**Item no.: THS265-HP100**

Cutting height can be precisely adjusted to a sample height, so that dangerous openings can be avoided.

Cutting speed is slow making the process safer.

Max sample thickness 14 mm

[YouTube video](https://youtu.be/d_OnLk7_-SA)

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**Cutting force**

If you do not know the cutting force you can send us your sample and we will determine the cutting force for you.

[YouTube video](https://youtu.be/CXdlZ0sQygo)
Air hydraulic pump for THS265-HP100

Max. pressure: 700 bar
Tank size: 0.9 l
Output flow rate: 0.13 l/min at 700 bar; 0.5 l/min at 0 bar
Dimensions: 450x190x190 mm (LxWxH)
Weight: 9 kg
Scope of supply: 1 pump incl. high pressure hose (1.8 m long)

Videos

Cutting copper stripe with P8 – 8 kN hand press

https://youtu.be/qhMYJoq5O3q

Cutting a square sample

https://youtu.be/D0ueSwq0nb4

THS265-CWQ100