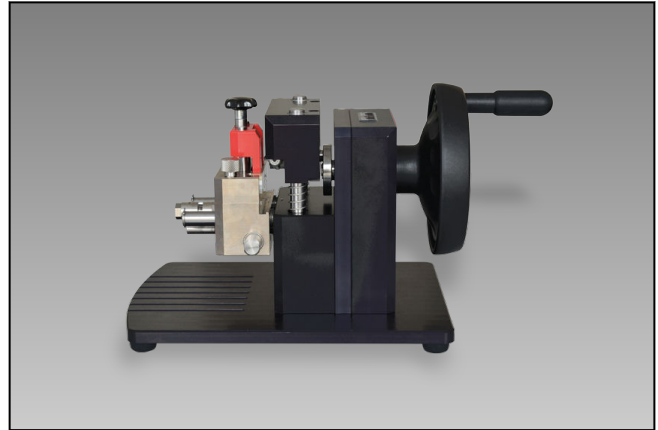


## Product Information

### Manual notch cutting plane

CTA: 46318 46319



#### Applications

The notch cutting plane is designed solely for cutting notches in plastic specimens in compliance with the following standards:

- ASTM D 256
- ASTM D 6110
- EN ISO 179
- EN ISO 180
- EN ISO 8256
- BS 7413:2002

#### Function description

This tabletop instrument features one-handed manual operation. Additional positioning of the notching blade is not necessary since the blade is fed and the plane is moved simultaneously via the handwheel on the side. This ensures ergonomic operation of the notch cutting plane.

With each revolution of the crank, the notch cutting plane makes a stroke of the blade in alternation with a lateral movement of the specimen magazine. A safety clutch prevents stalling at the stop.

The removable specimen magazine makes it possible to notch four specimens simultaneously to ISO 179, ISO 180, and ASTM D256 and up to five specimens to ASTM D6110. In addition, more magazines can be pre-filled; no extra tools or fixtures are required for this. The durable notch-cutter used has three cutting edges and can quickly be changed. Once the remaining width required by the standard is achieved, the blade is no longer fed and the specimens can be removed.

#### Advantages and features

- convenient operation
- low operating-force
- interchangeable specimen magazines
- stops automatically on attaining remaining width
- easy to clean
- linking of advance and plane motion ensures reproducibility, even with different operators
- single and double notching

## Product Information

### Manual notch cutting plane

Item No.	077097 <sup>1)</sup>	
Standards	ISO 179, ISO 180, ISO 8256, ASTM D256, ASTM D6110 and BS 7413:2002	
Dimensions:		
Height	225	mm
Width	220	mm
Depth	397	mm
Weight, approx.	12.4	kg
Scope of delivery	Manual notch cutting plane, 1 x blade (notch shape A, radius 0.25 mm)	

1) Requires: 1 x specimen magazine

### Accessories required

#### Specimen magazine (1 x required)

Description	Item number
Specimen magazine for 4 specimens as per ISO 179 and ISO 180 for manual notch-cutting plane <sup>1)</sup>	<b>077116</b>
Specimen magazine for 5 specimens as per ASTM D6110 for manual notch-cutting plane <sup>1)</sup>	<b>079779</b>
Specimen magazine for 4 specimens as per ASTM D256 for manual notch-cutting plane <sup>1)</sup>	<b>080718</b>
Specimen magazine for specimens as per BS 7413:2002 for manual notch-cutting plane <sup>1)</sup> Maximum opening width of specimen holder 16 mm	<b>1001283</b>

1) Other specimen magazines available on application

### Optional accessories

#### Replacement blade

Description	Item number
Replacement blade for manual notch-cutting plane (notch shape A, radius 0.25 mm) <sup>1)</sup>	<b>077117</b>
Replacement blade for manual notch-cutting plane (notch shape B, radius 1.00 mm) <sup>1)</sup>	<b>1000546</b>
Replacement blade for manual notch-cutting plane (notch shape C, radius 0.10 mm) <sup>1)</sup>	<b>1001284</b>

1) Other notch shapes available on application