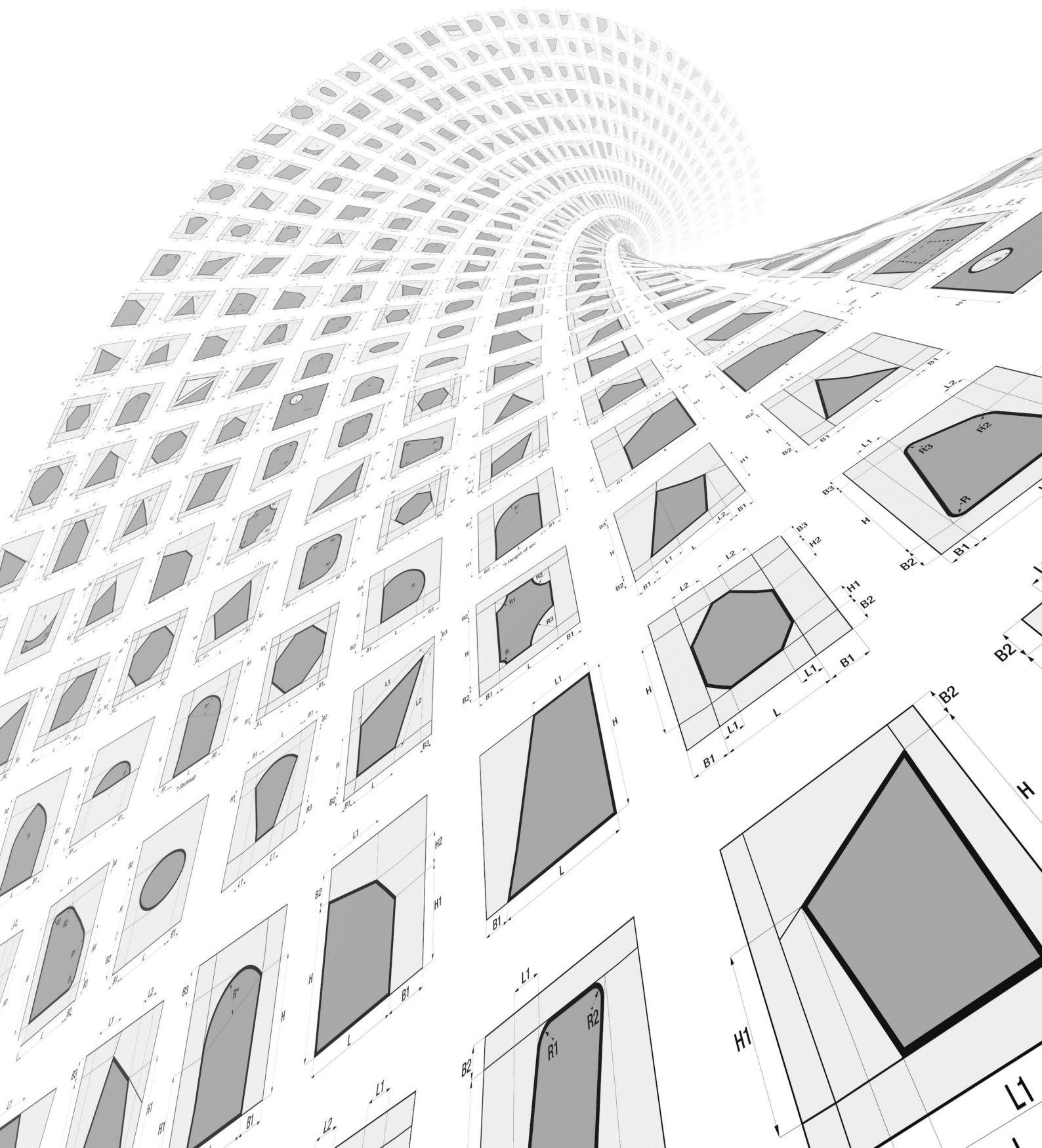


# Shape Catalogue

V.5.1 valid from 11.11.2016

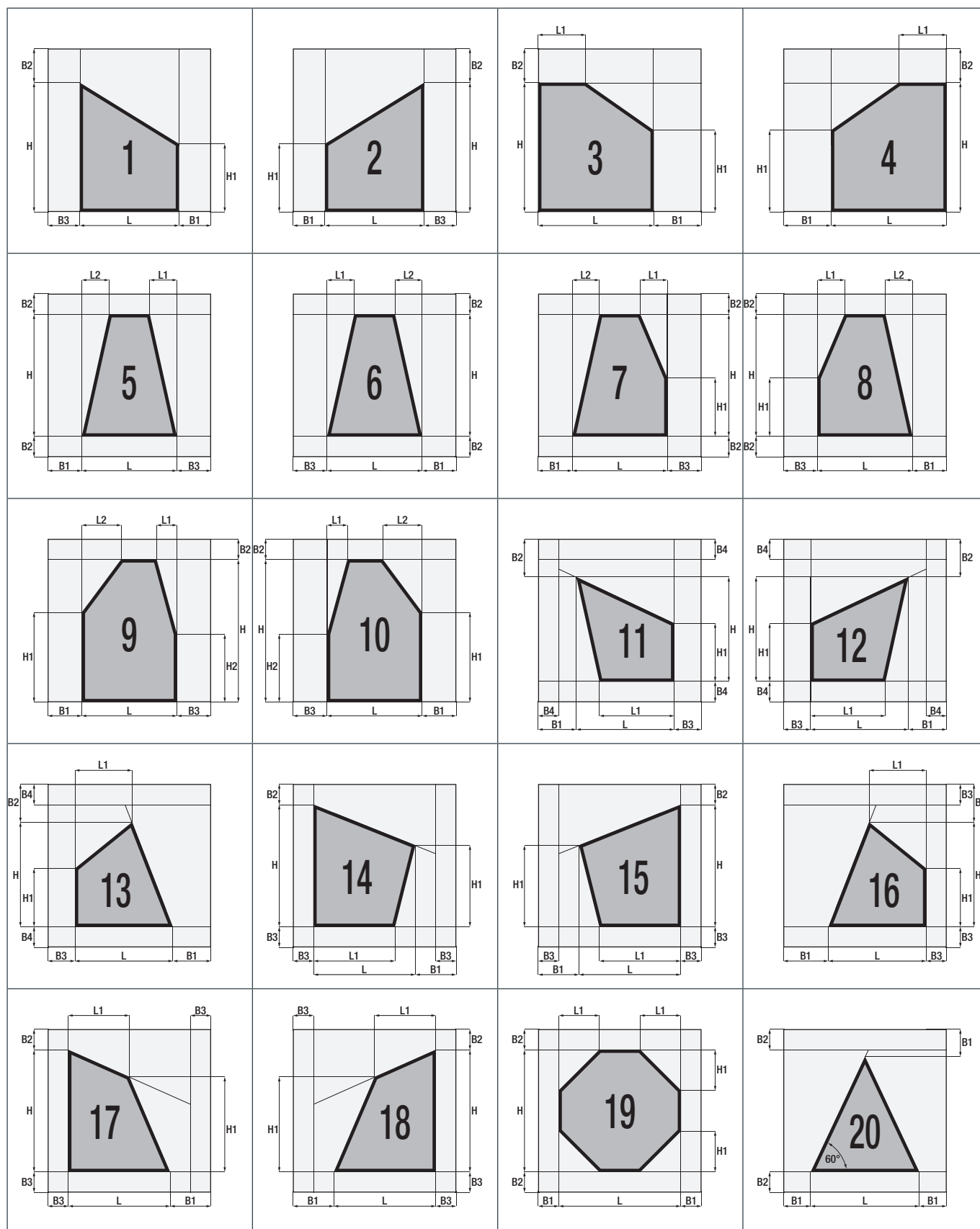
***LiSEC***

best in glass processing



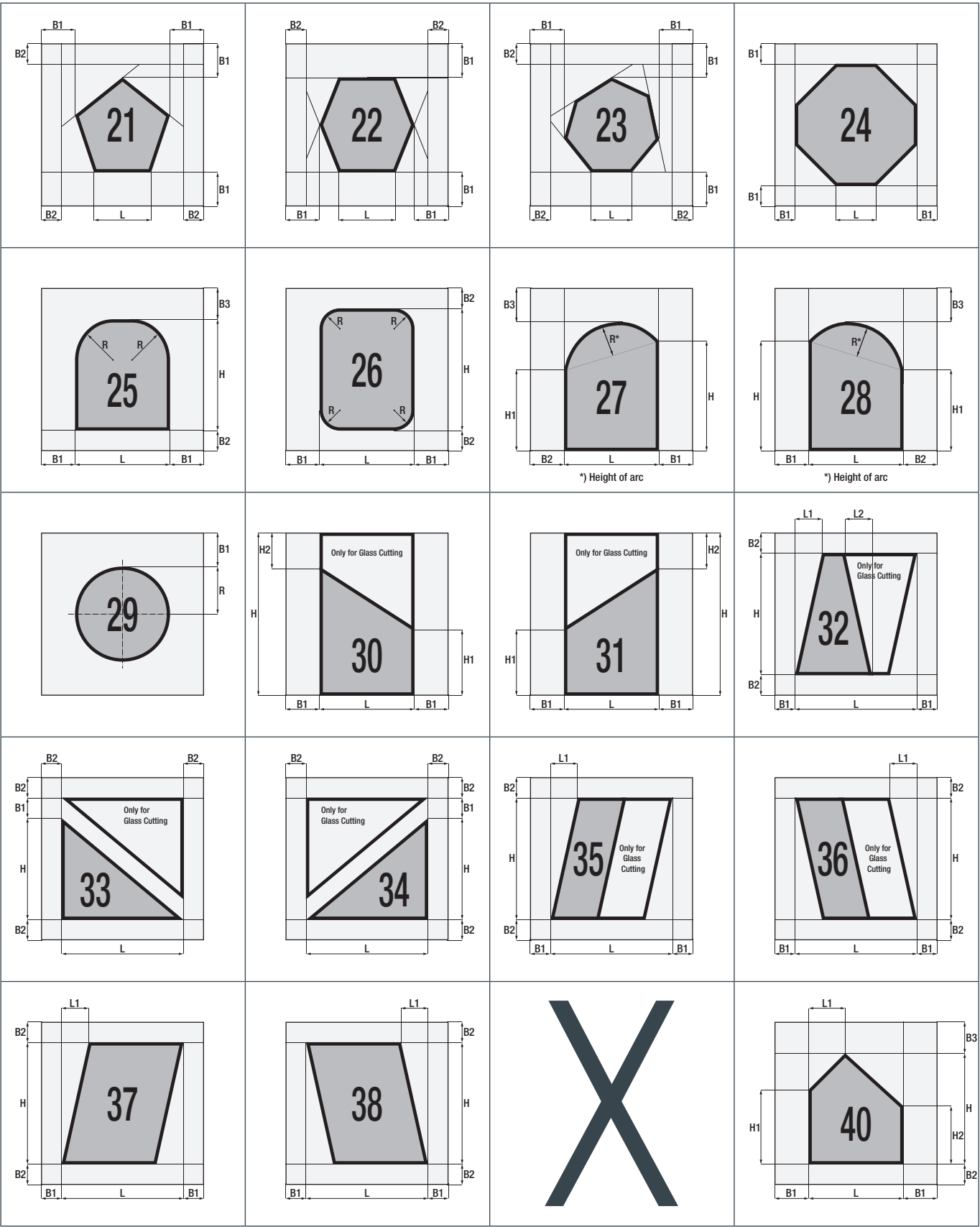
# Content

## Shapes



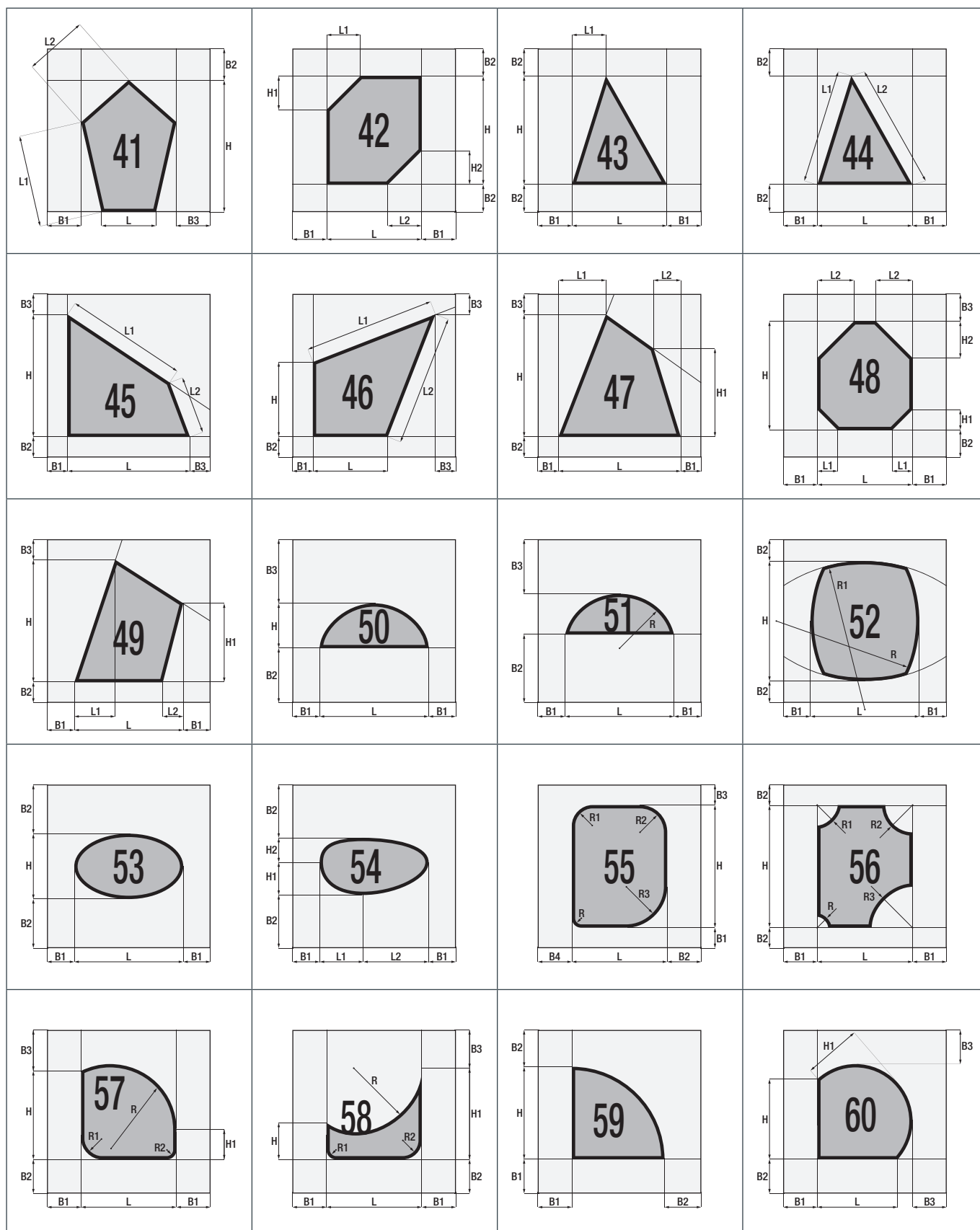
# Content

## Shapes



# Content

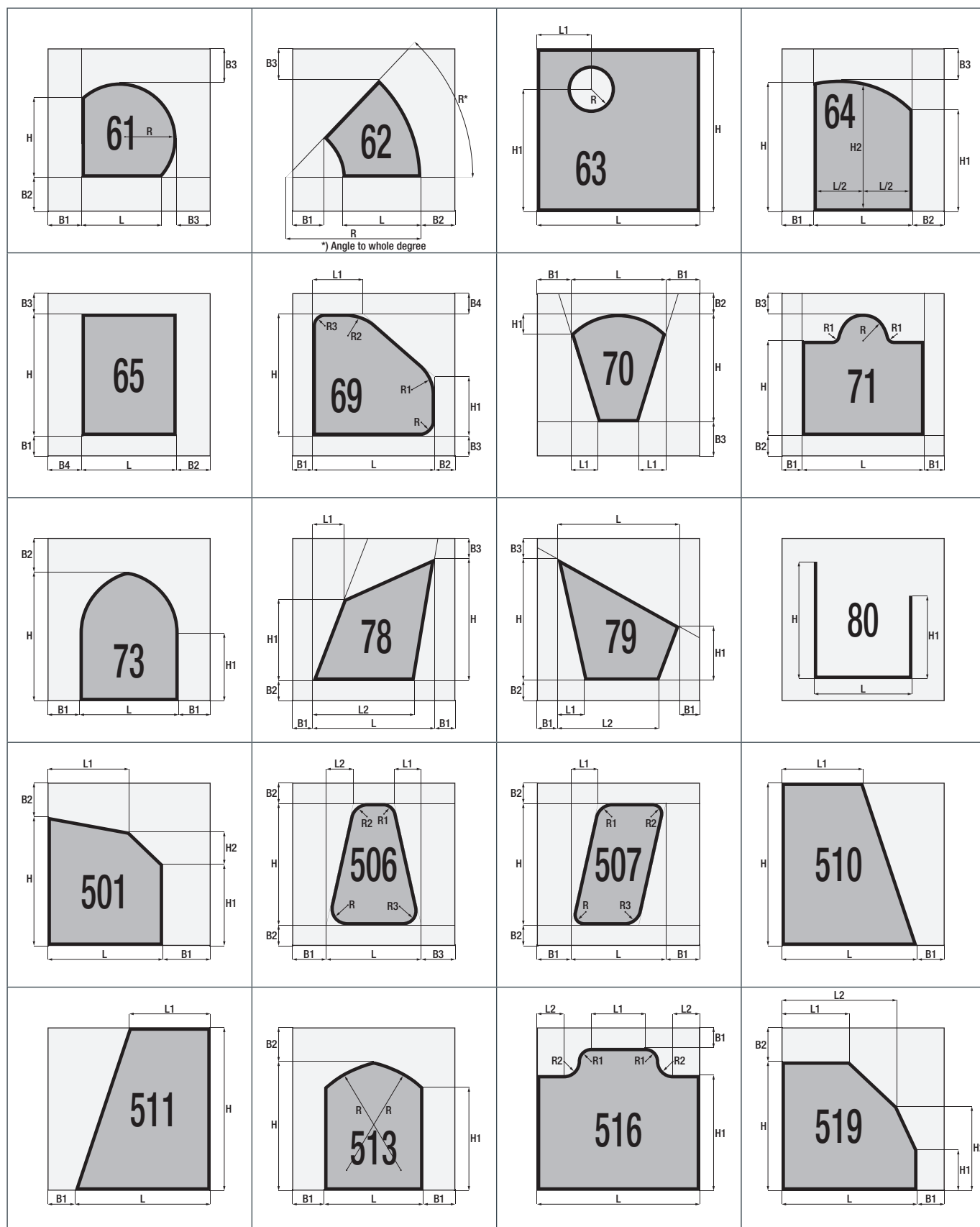
## Shapes





# Content

## Shapes



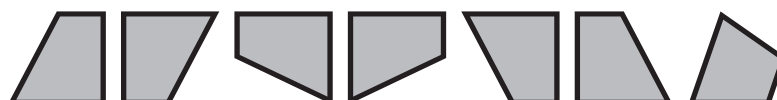
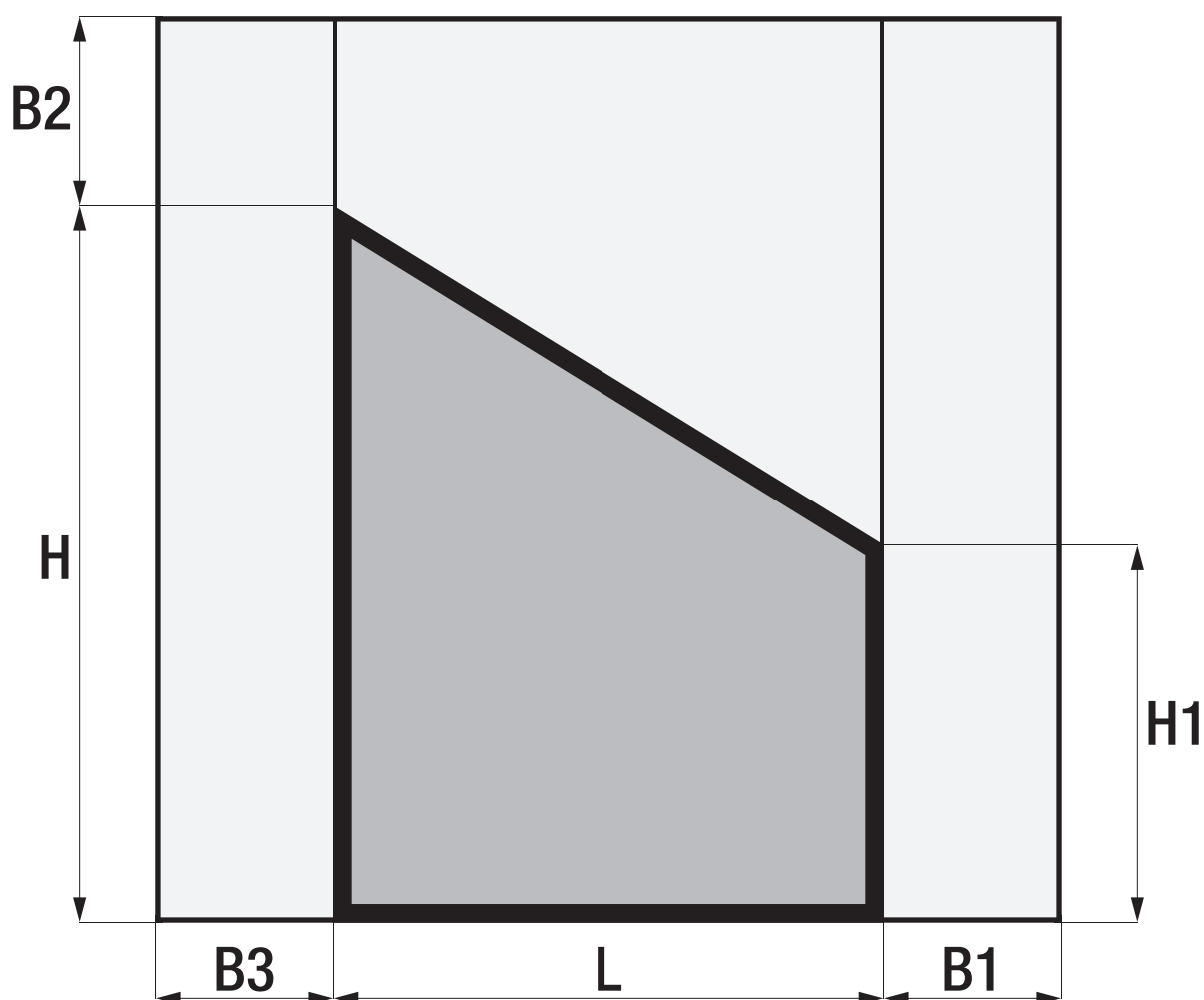
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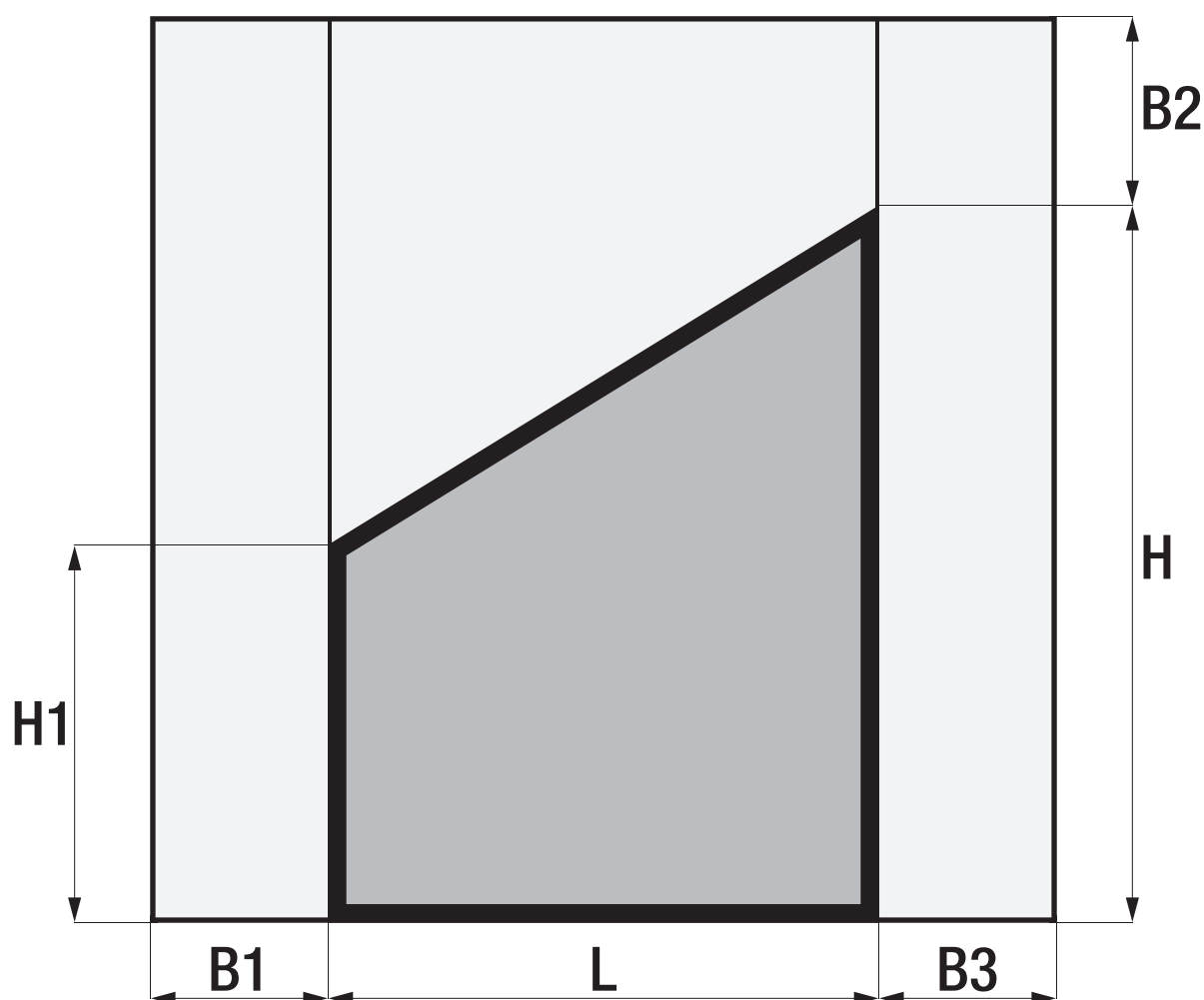
## Shapes

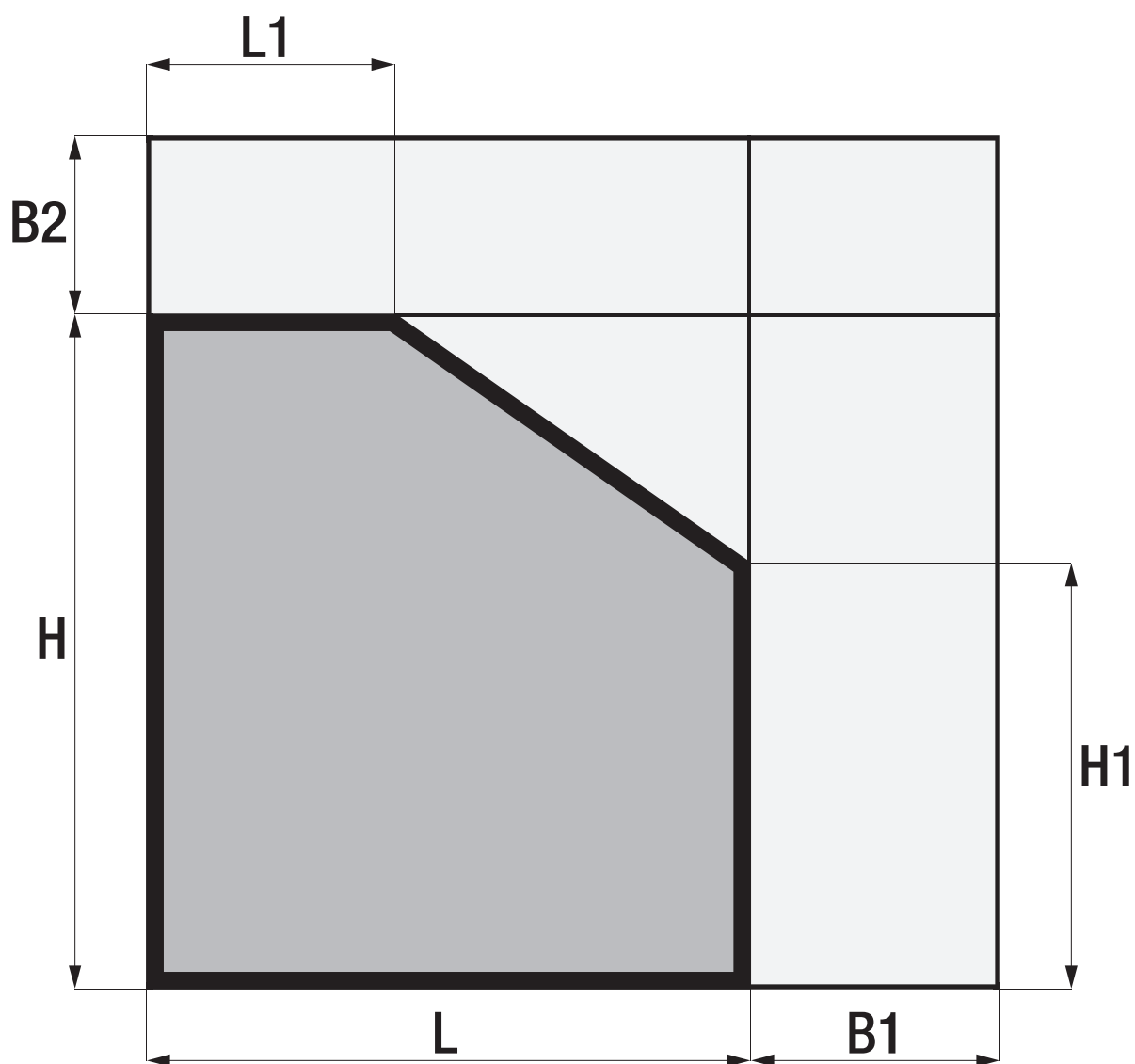
best in glass processing

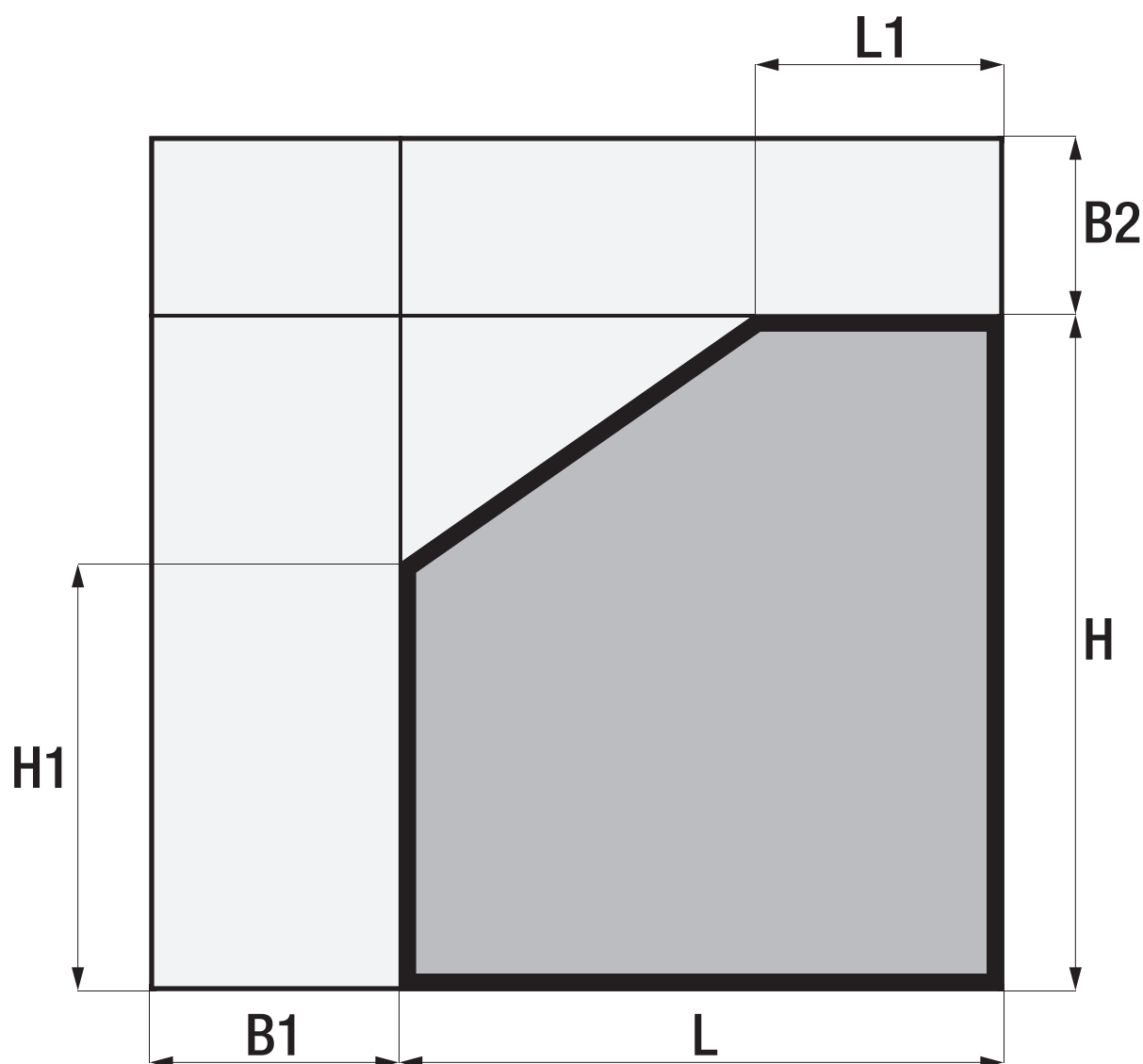
Version 5.1 | valid from 11.11.2016

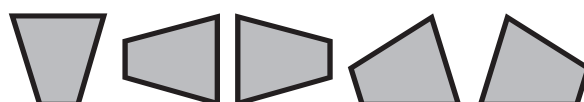
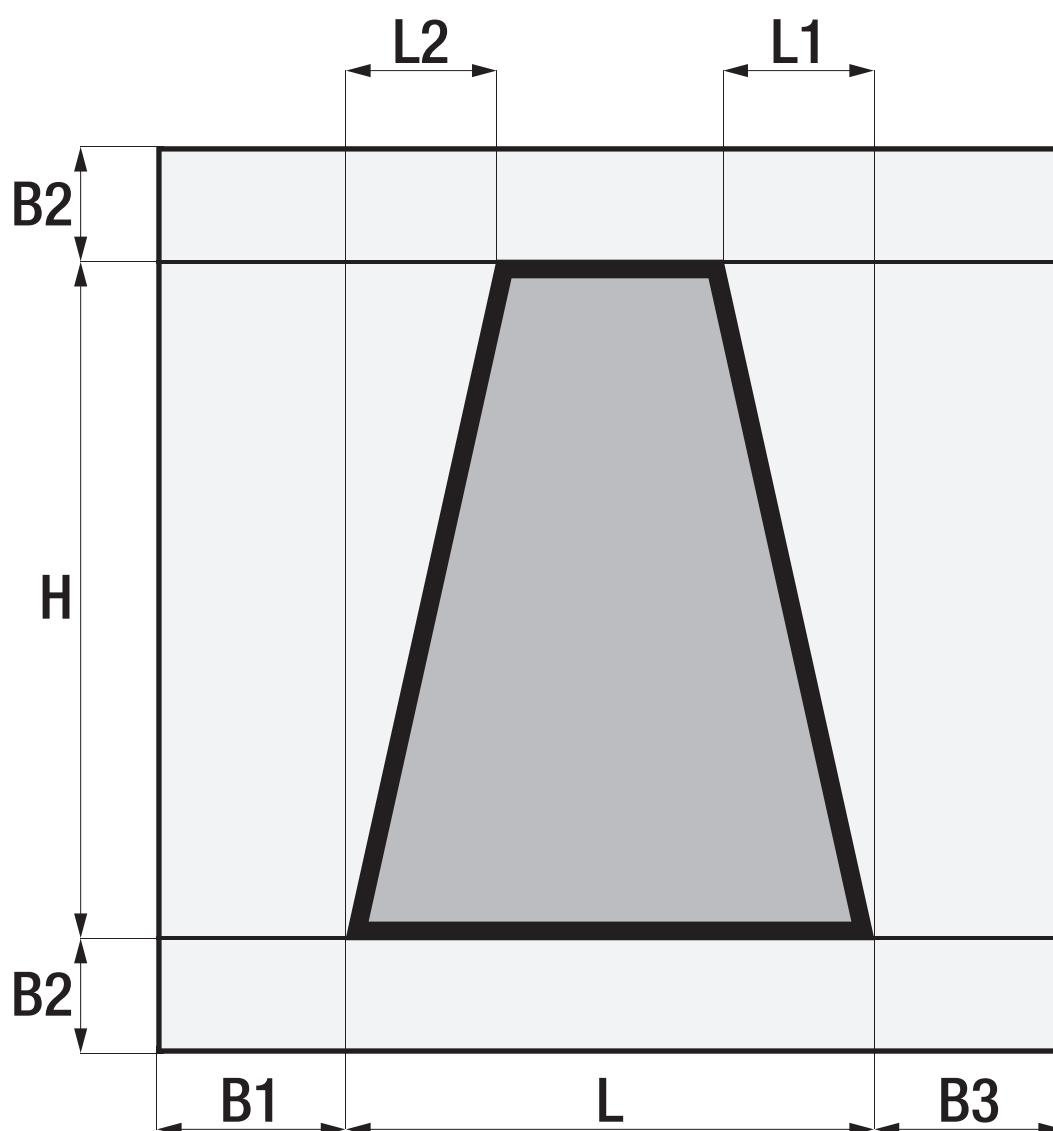
|                                                                                                    |                                                                                                       |                                                                                                       |                                                                                                       |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <p>Diagram 520: A trapezoidal shape with dimensions L1, L2, B1, B2, B3, B4, H1, H2, H, and R1.</p> | <p>Diagram 522: A trapezoidal shape with dimensions B1, B2, B3, B4, H1, H2, H, L, and R1, R2, R3.</p> | <p>Diagram 523: A trapezoidal shape with dimensions B1, B2, B3, B4, H1, H2, H, L, and R1, R2, R3.</p> | <p>Diagram 524: A circular shape with dimensions B1, L, and H.</p>                                    |
| <p>Diagram 527: A semi-circular shape with dimensions B1, B2, L, H, and R.</p>                     | <p>Diagram 528: A semi-circular shape with dimensions B1, B2, L, H, and R.</p>                        | <p>Diagram 529: A trapezoidal shape with dimensions B1, B2, B3, B4, H1, H2, H, L, and R1, R2, R3.</p> | <p>Diagram 530: A trapezoidal shape with dimensions B1, B2, B3, B4, H1, H2, H, L, and R1, R2, R3.</p> |
| <p>Diagram 533: A triangular shape with dimensions B1, B2, B3, B4, H1, H2, H, L, and R.</p>        | <p>Diagram 536: A rectangular shape with dimensions B1, B2, B3, B4, H1, H2, H, L, and R.</p>          | <p>Diagram 538: A triangular shape with dimensions B1, B2, B3, B4, H1, H2, H, L, and R.</p>           | <p>Diagram 539: A trapezoidal shape with dimensions B1, B2, B3, B4, H1, H2, H, L, and R1, R2, R3.</p> |
|                                                                                                    |                                                                                                       |                                                                                                       |                                                                                                       |
|                                                                                                    |                                                                                                       |                                                                                                       |                                                                                                       |



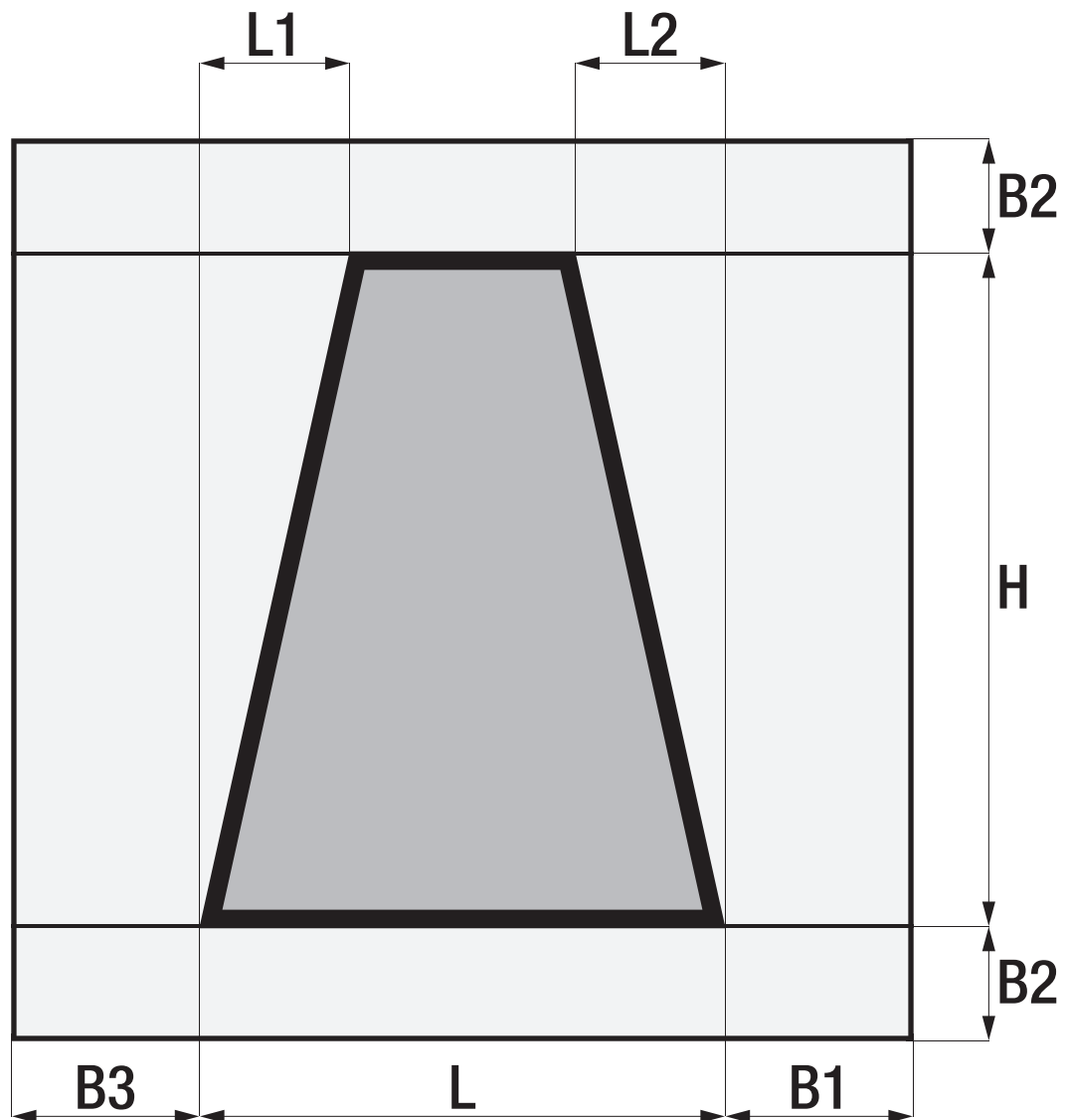


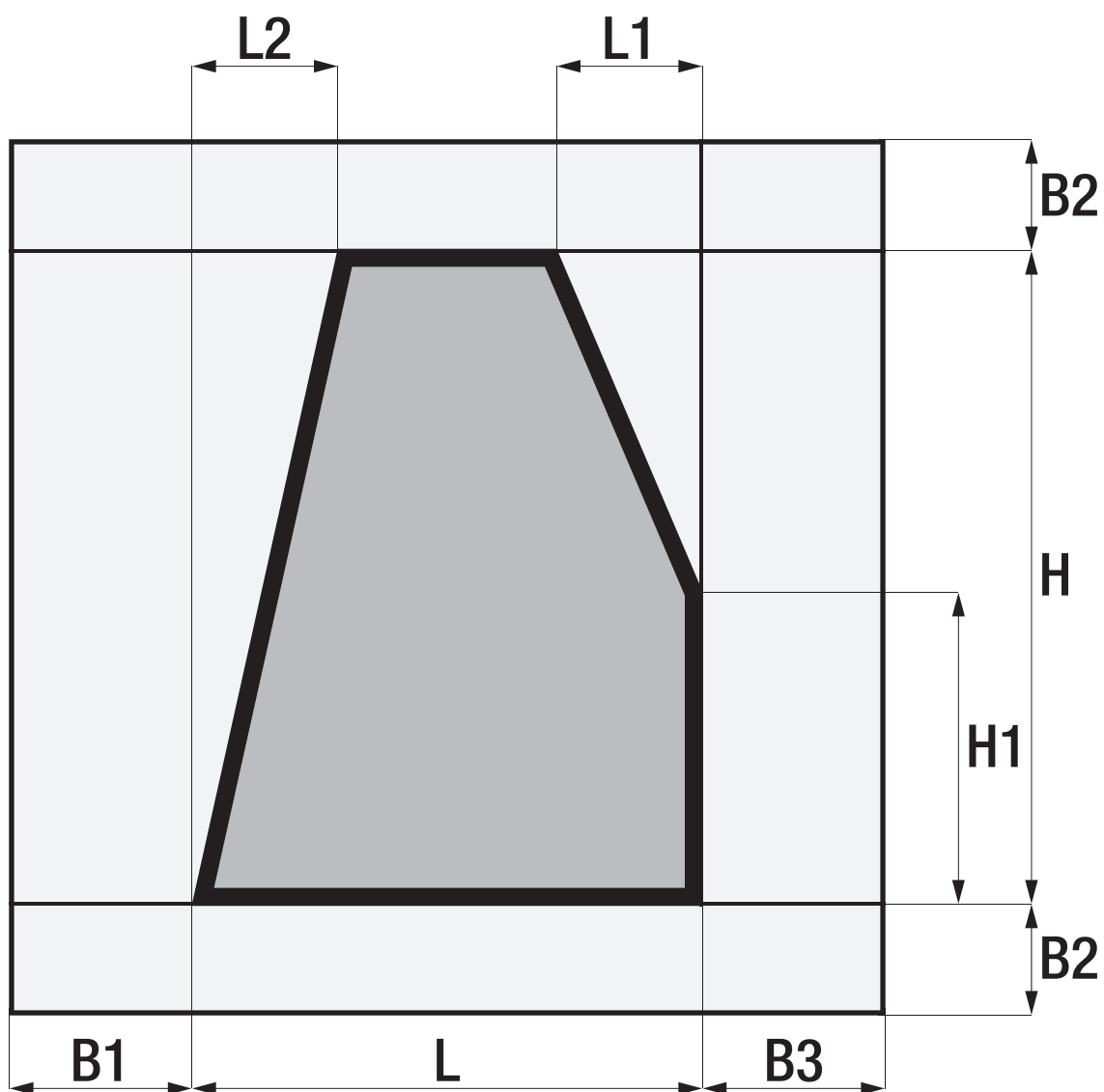


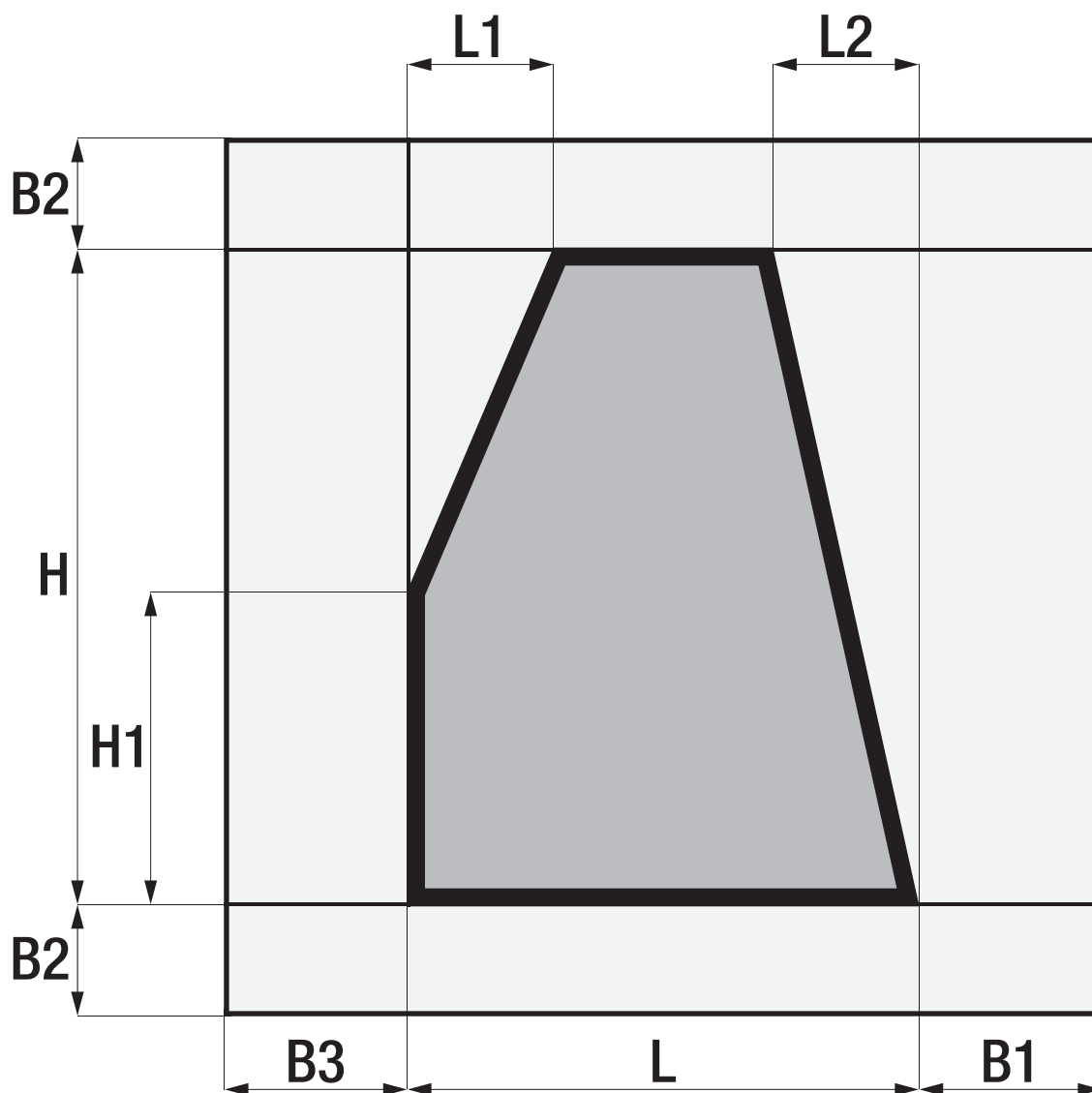


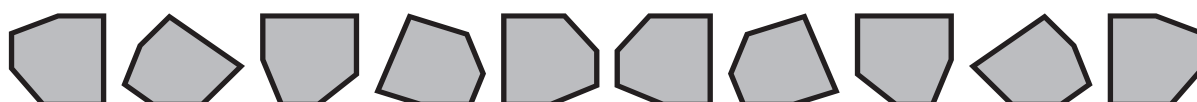
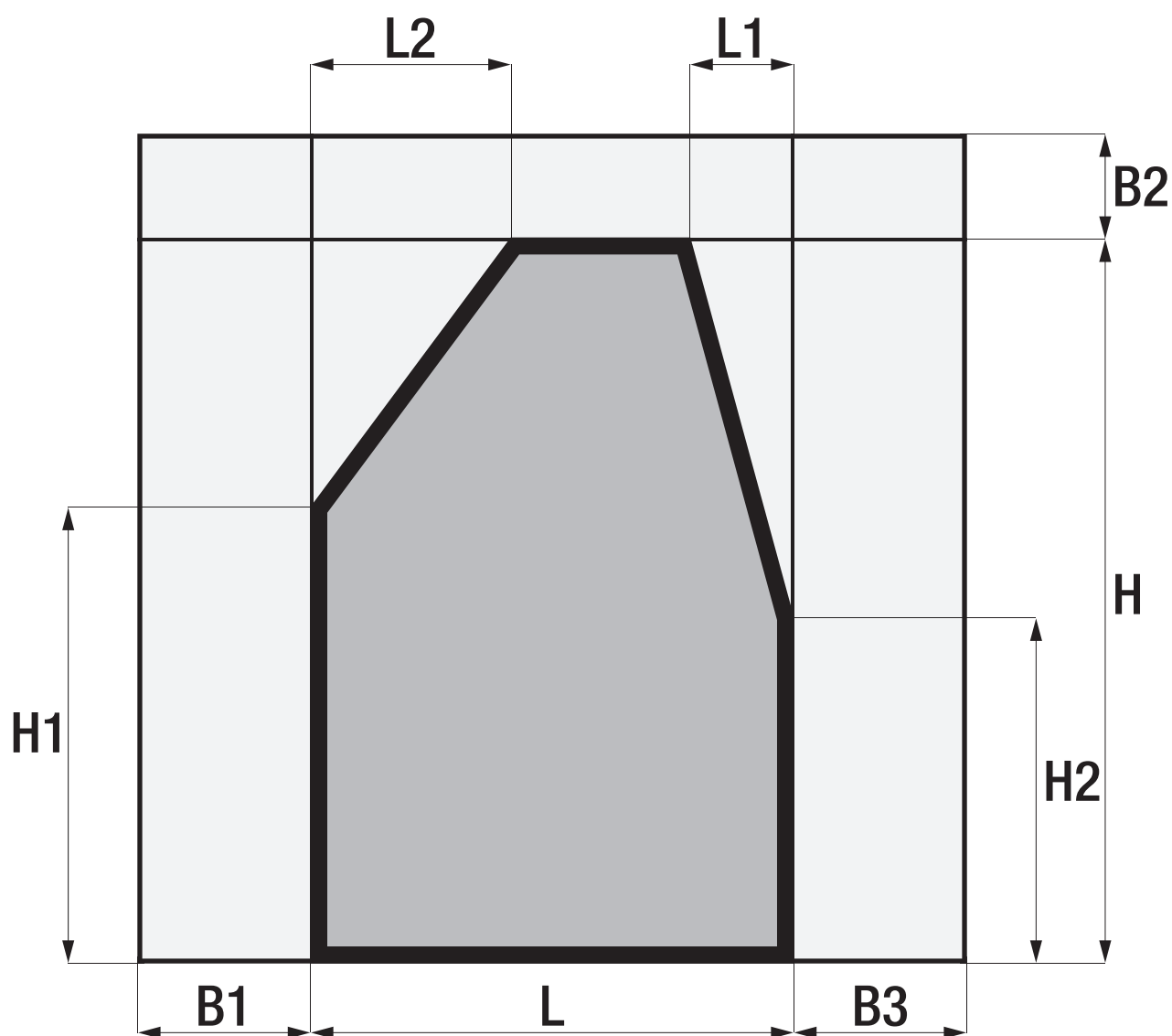


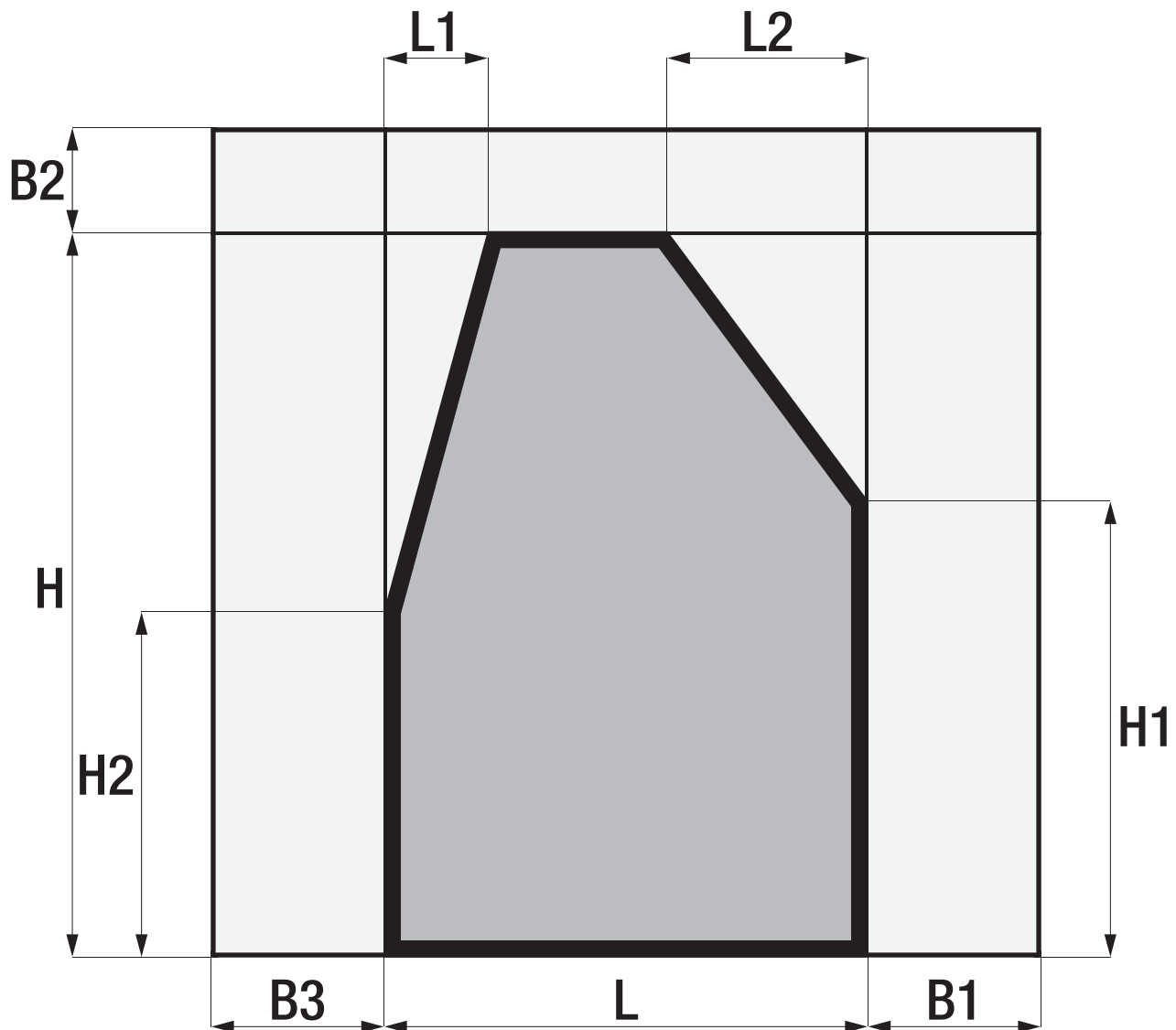


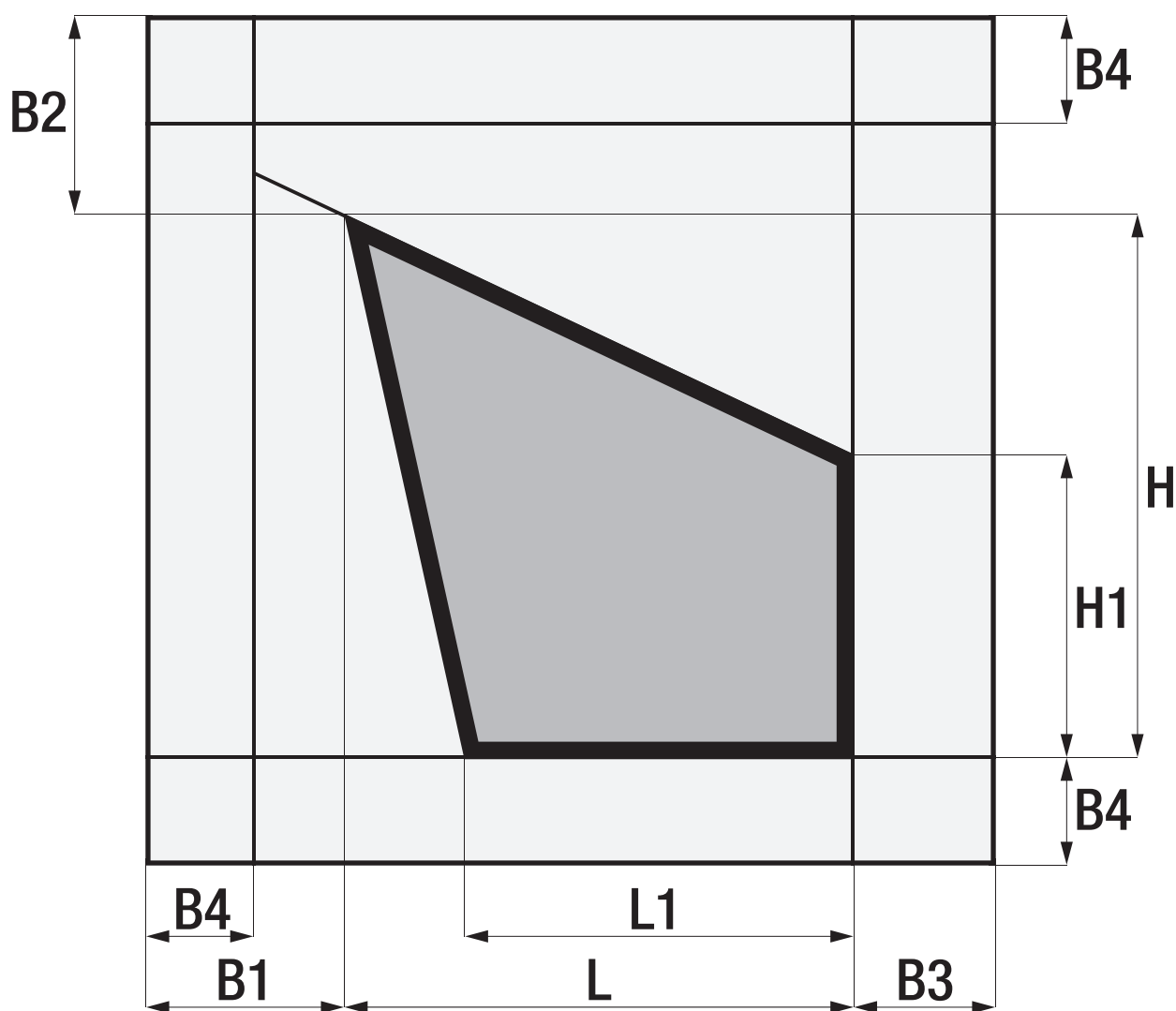


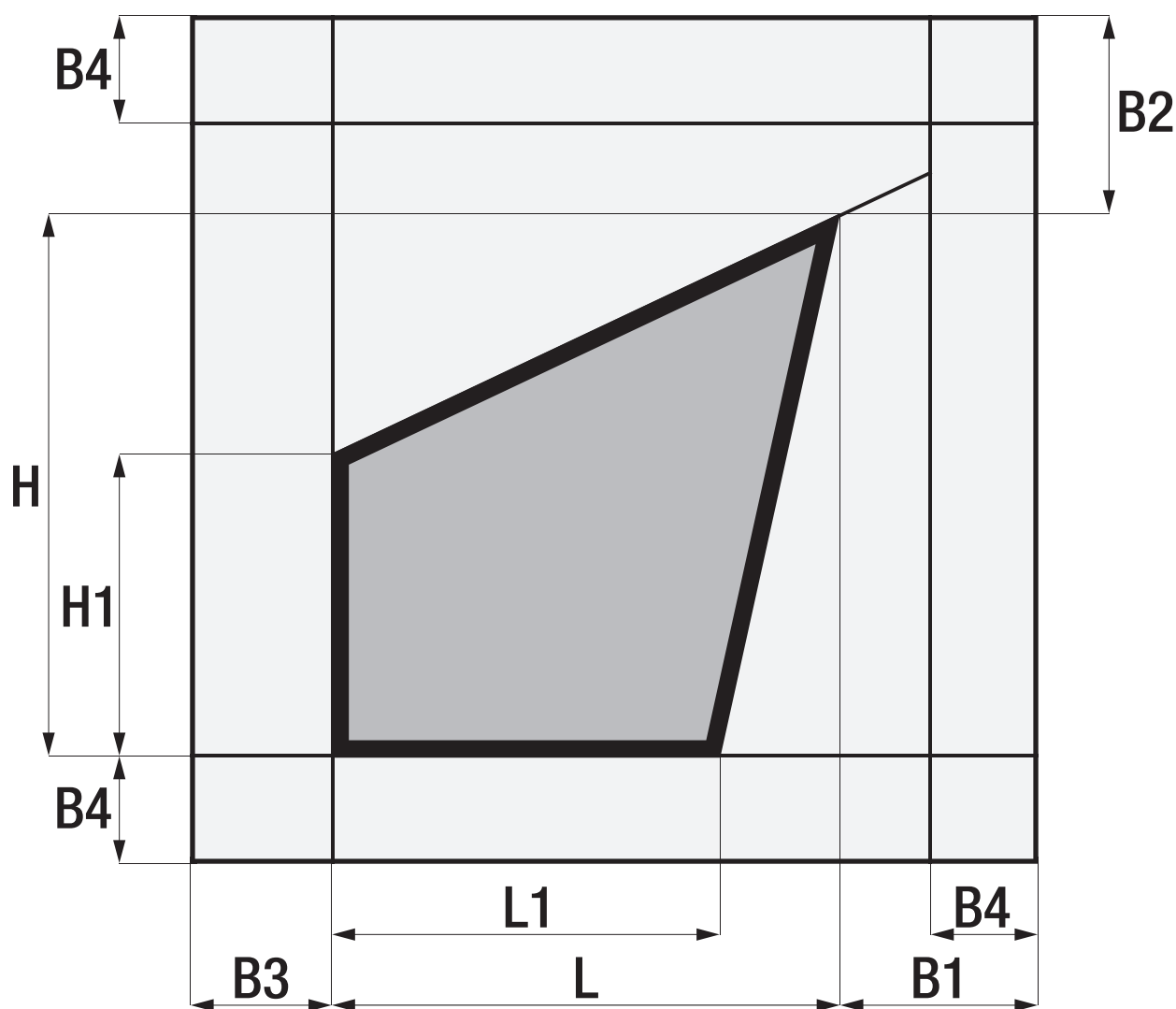


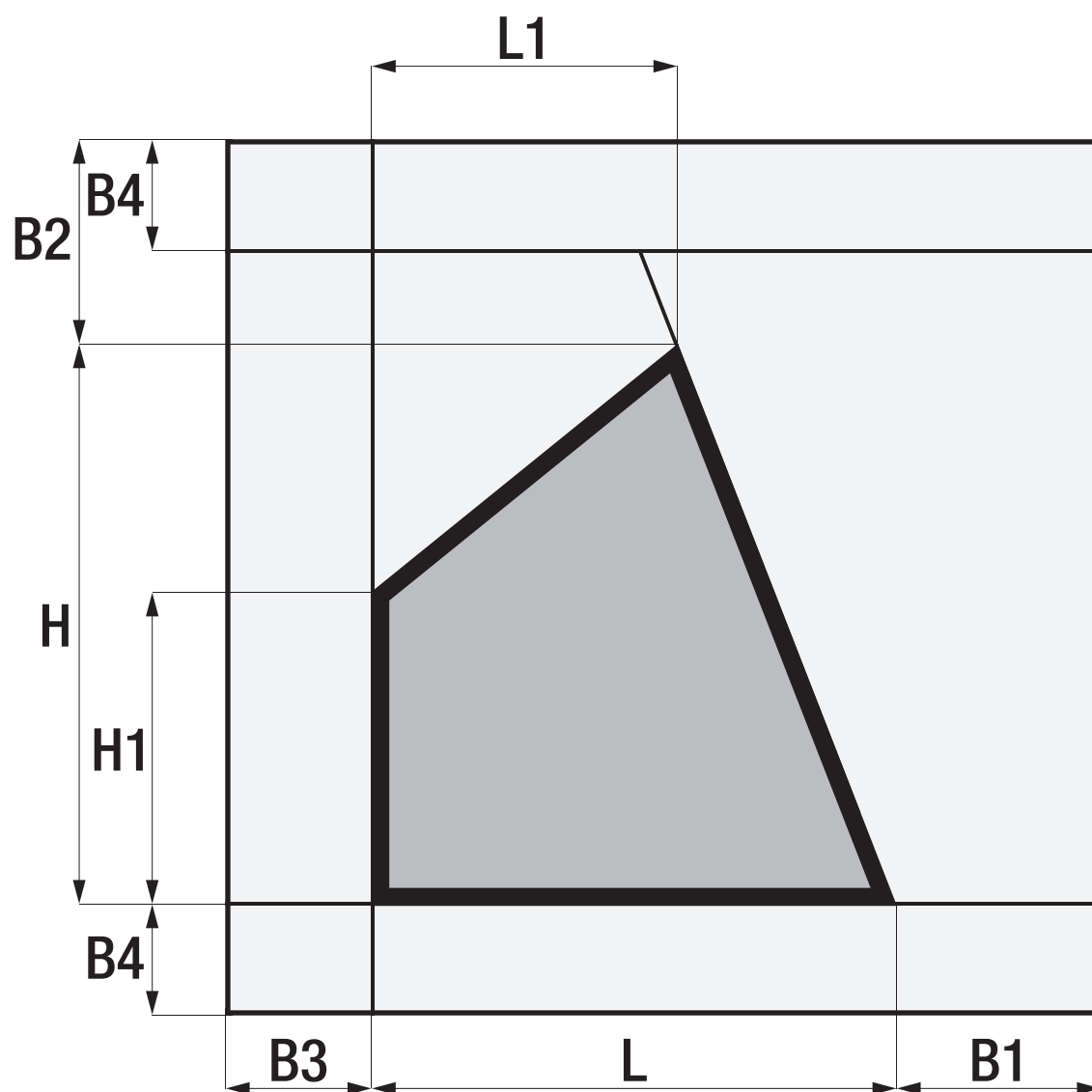




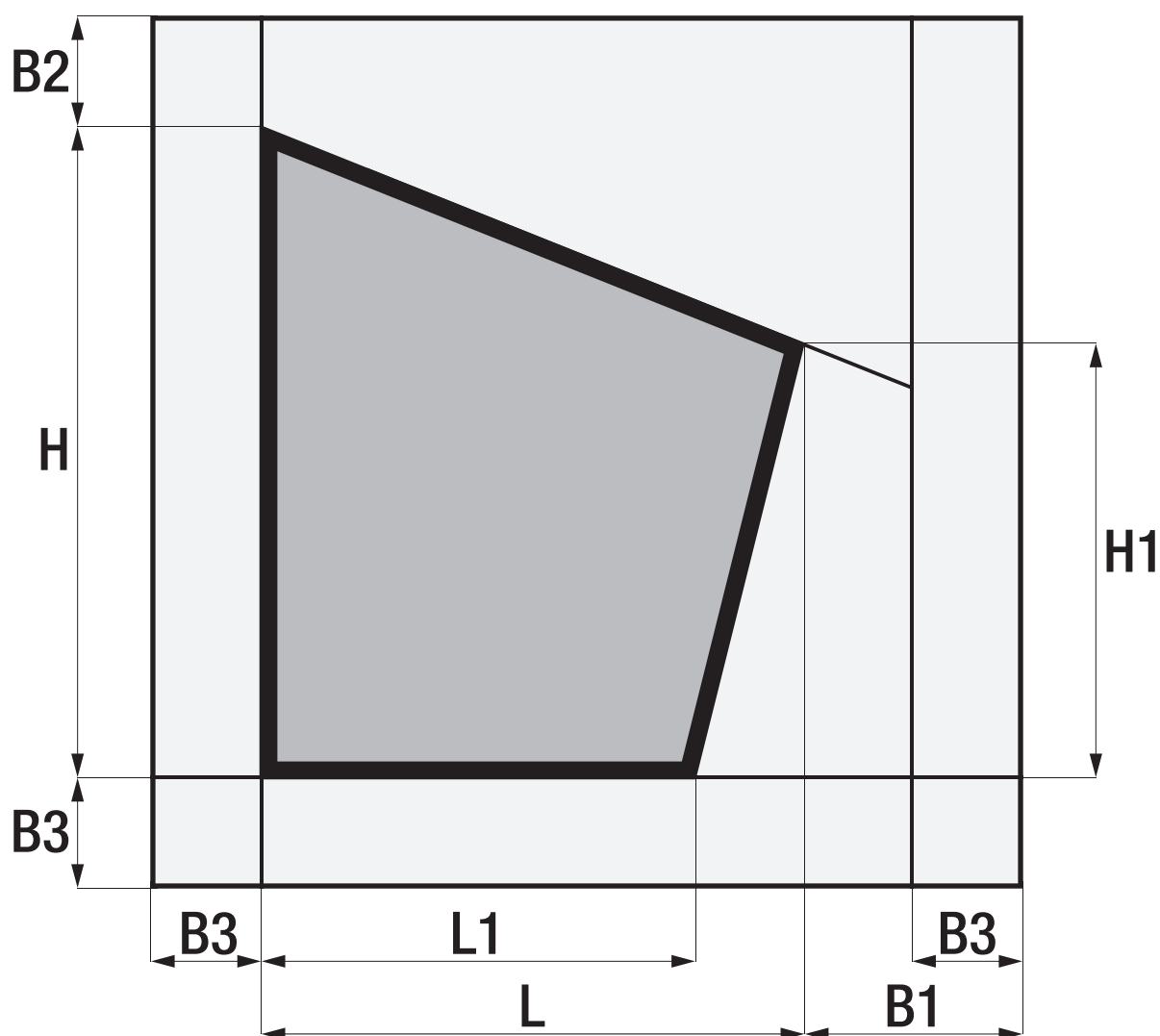


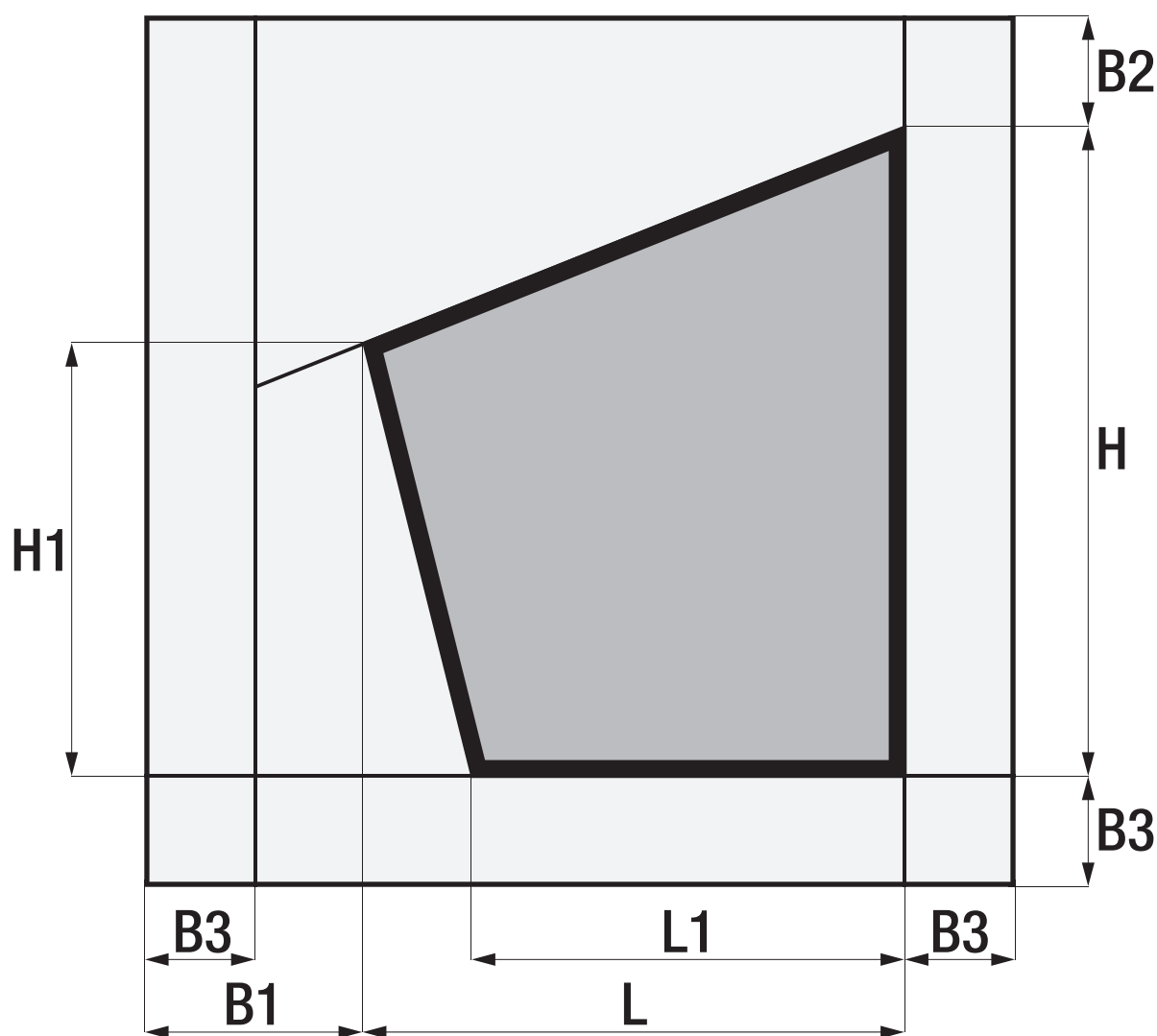


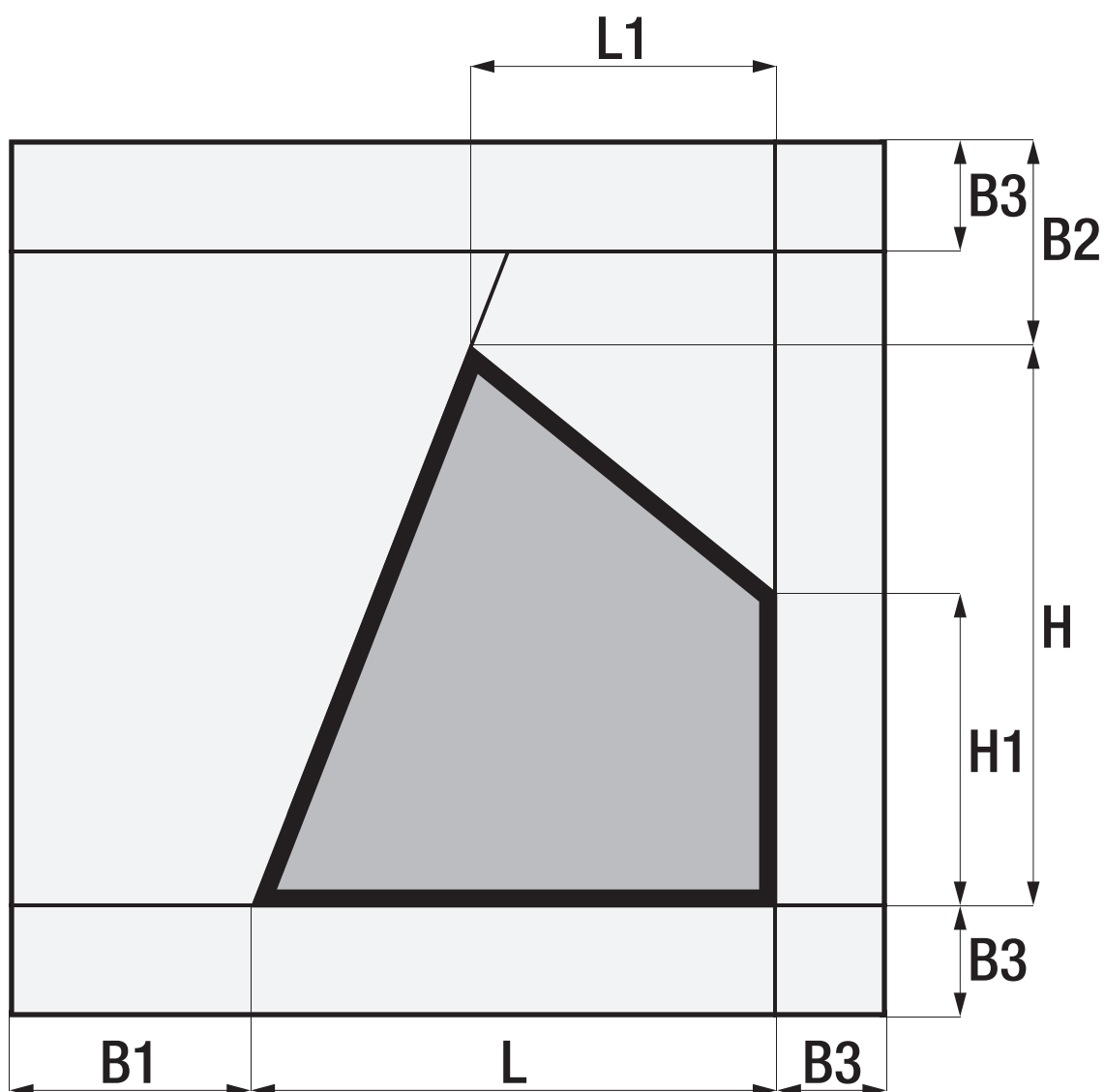


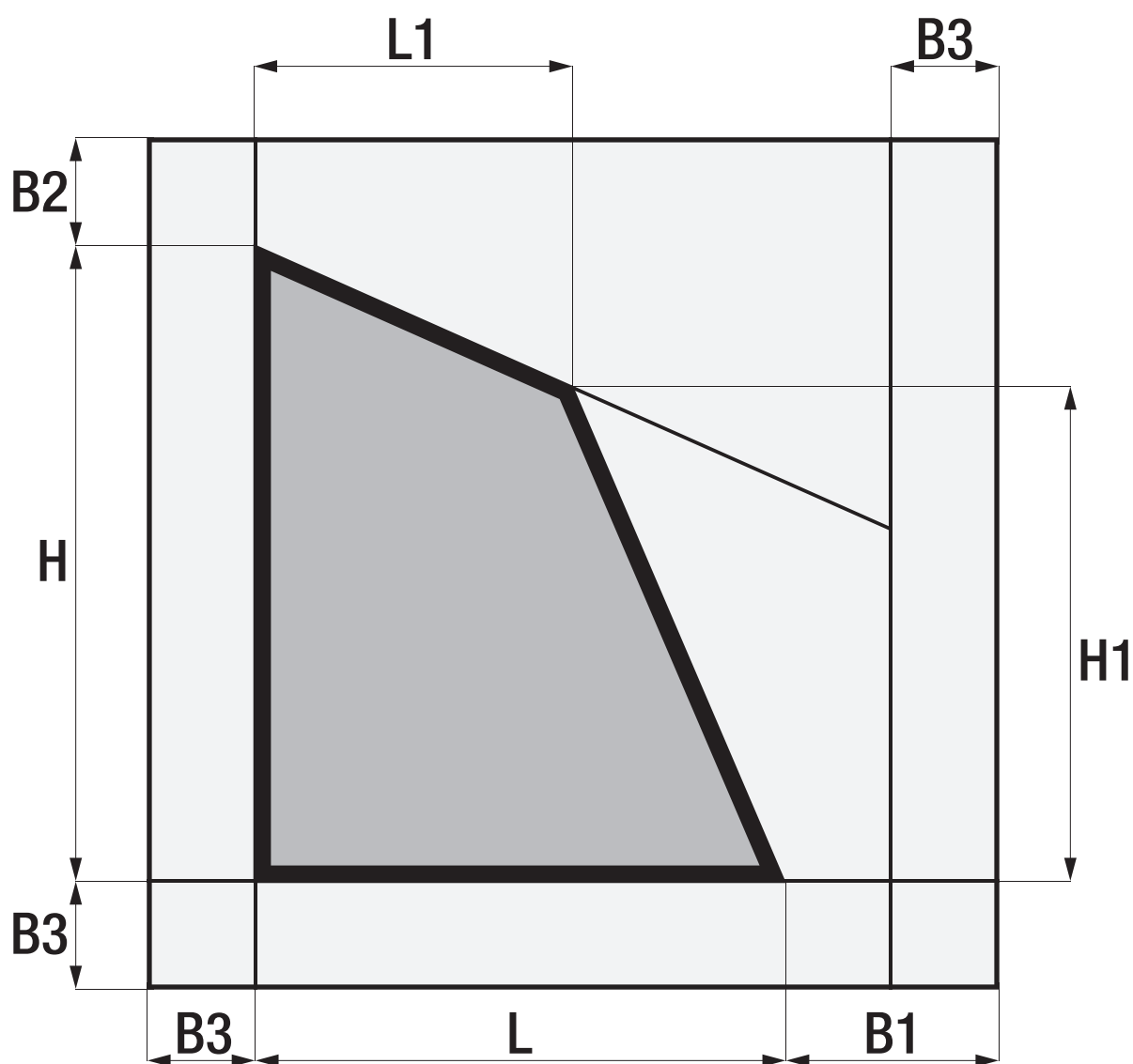


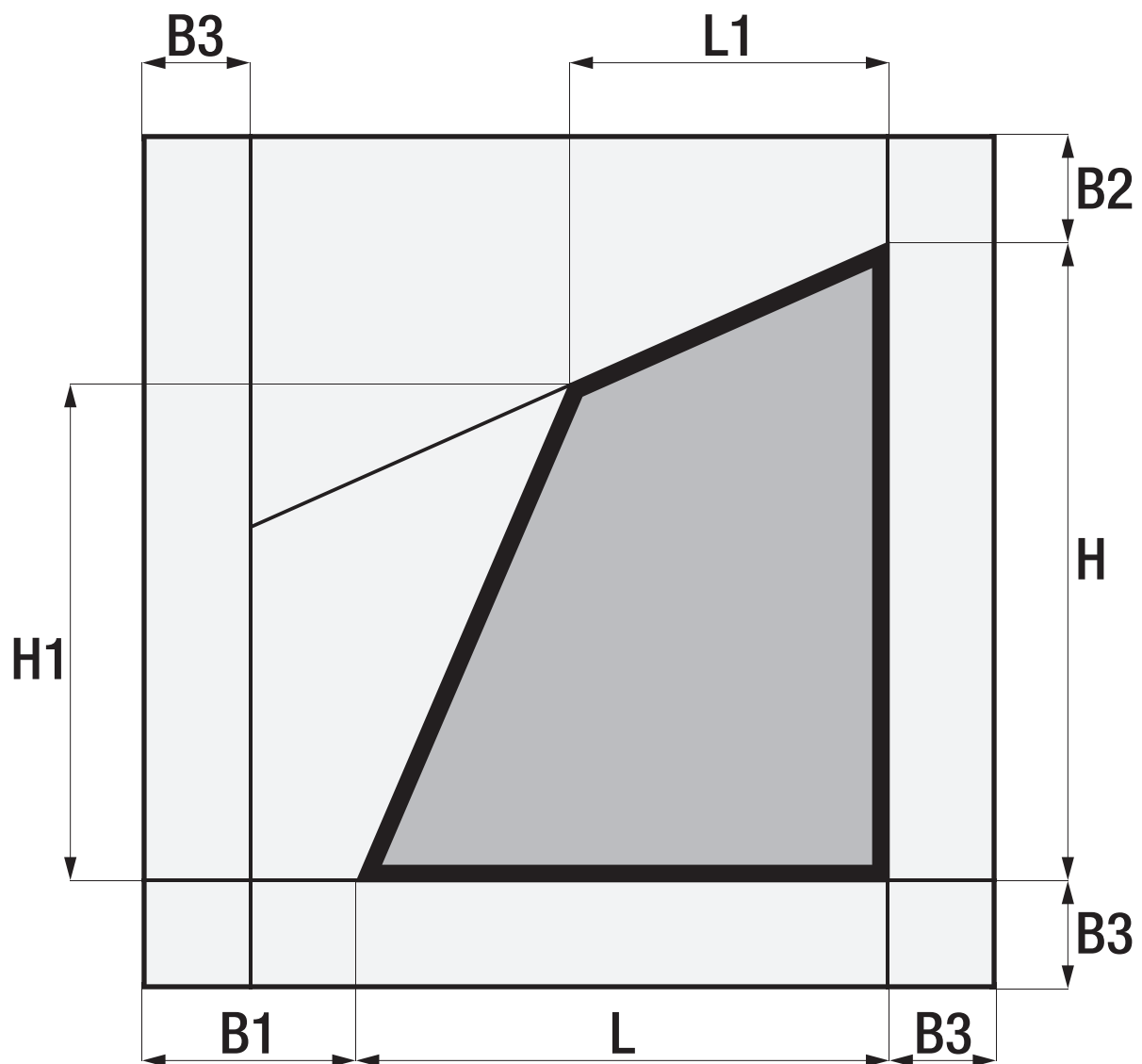


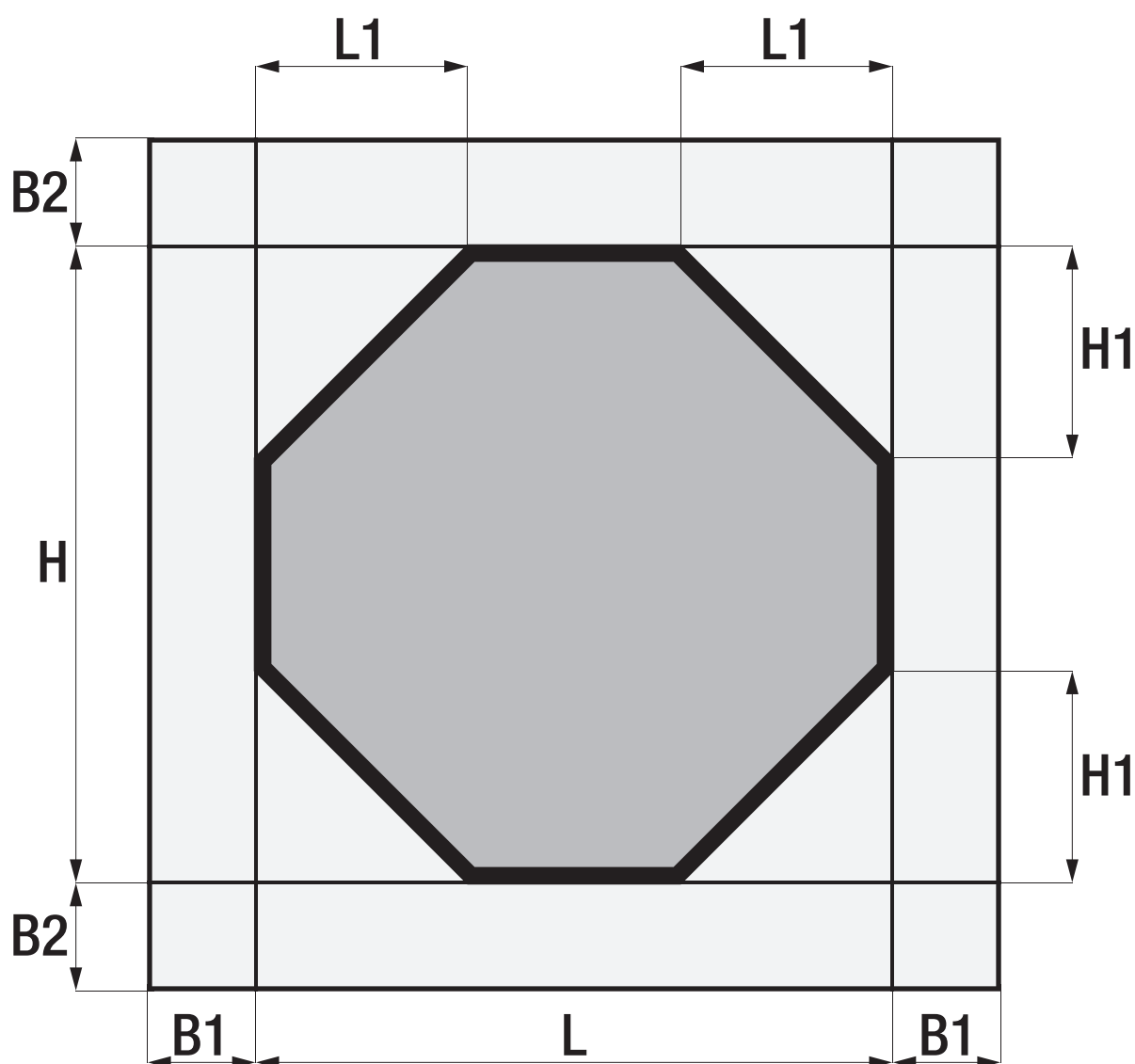


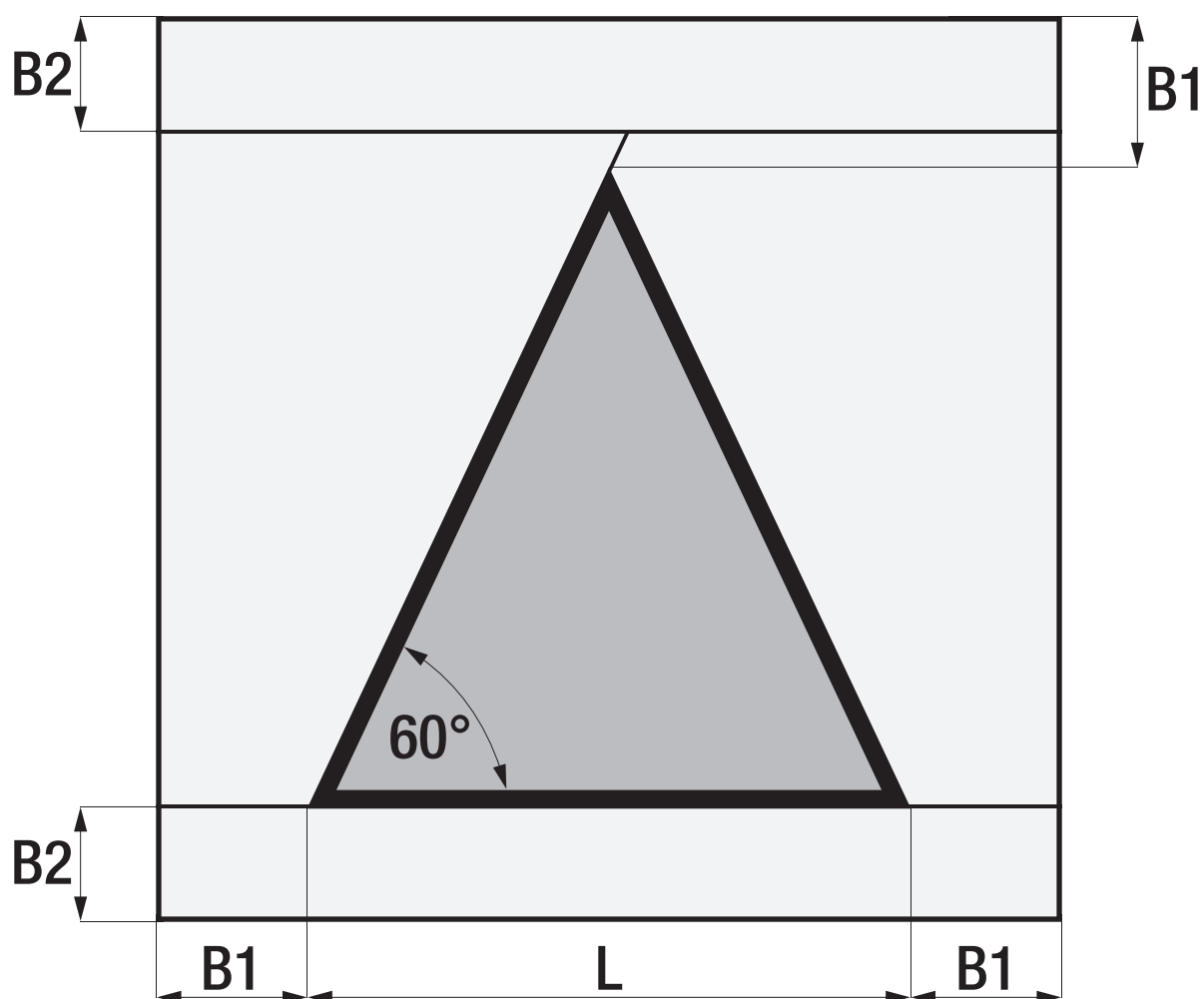


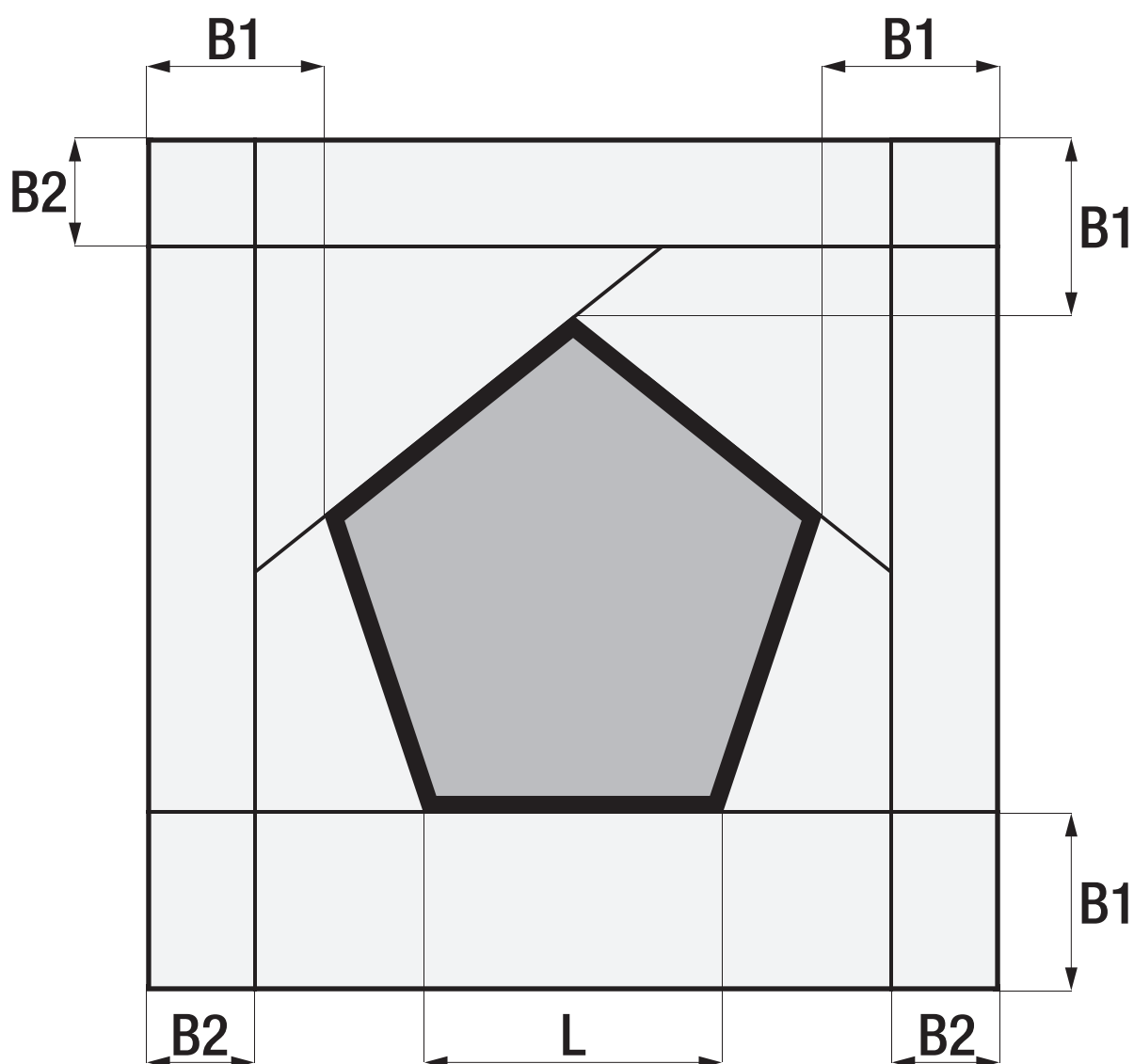




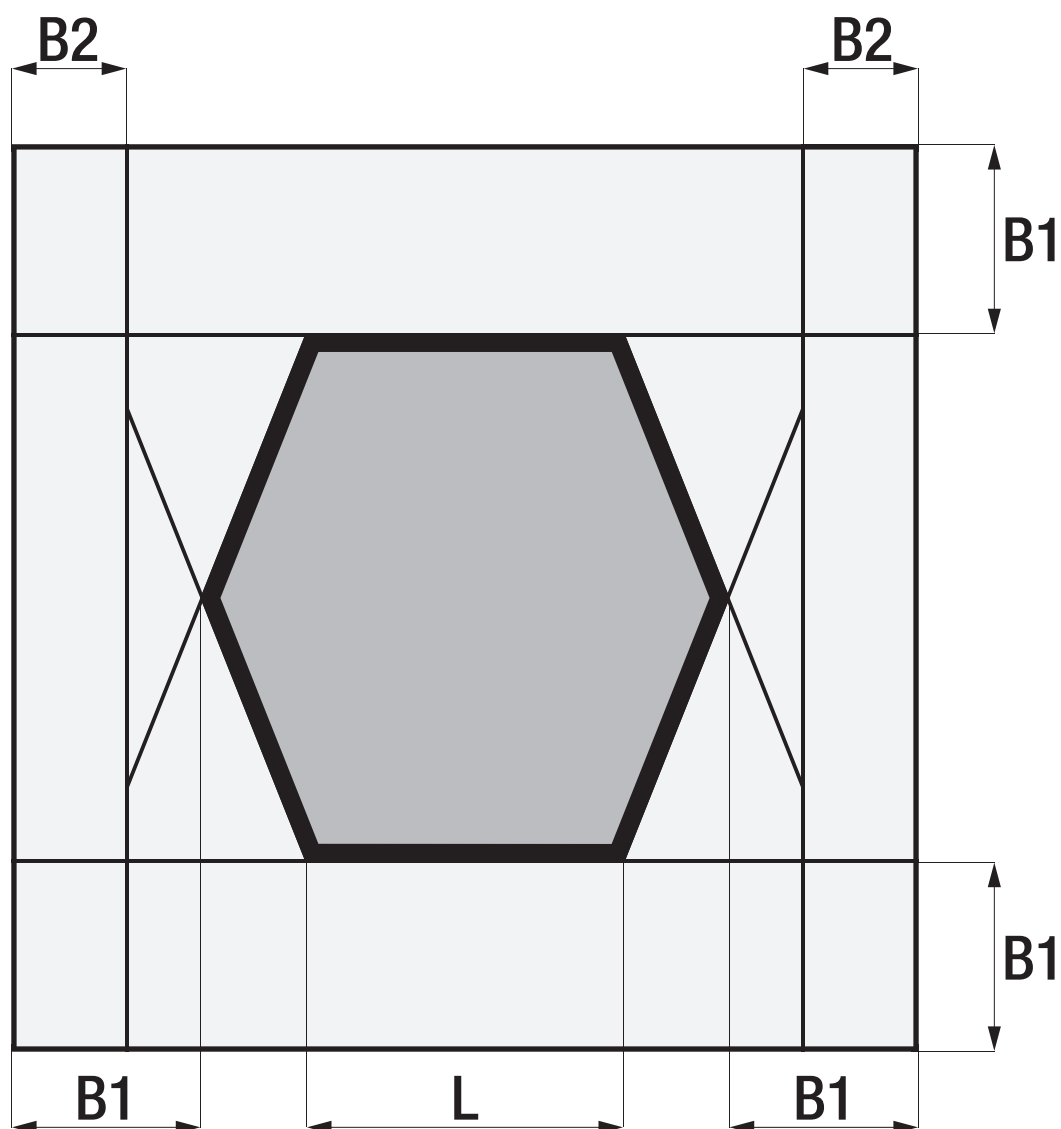


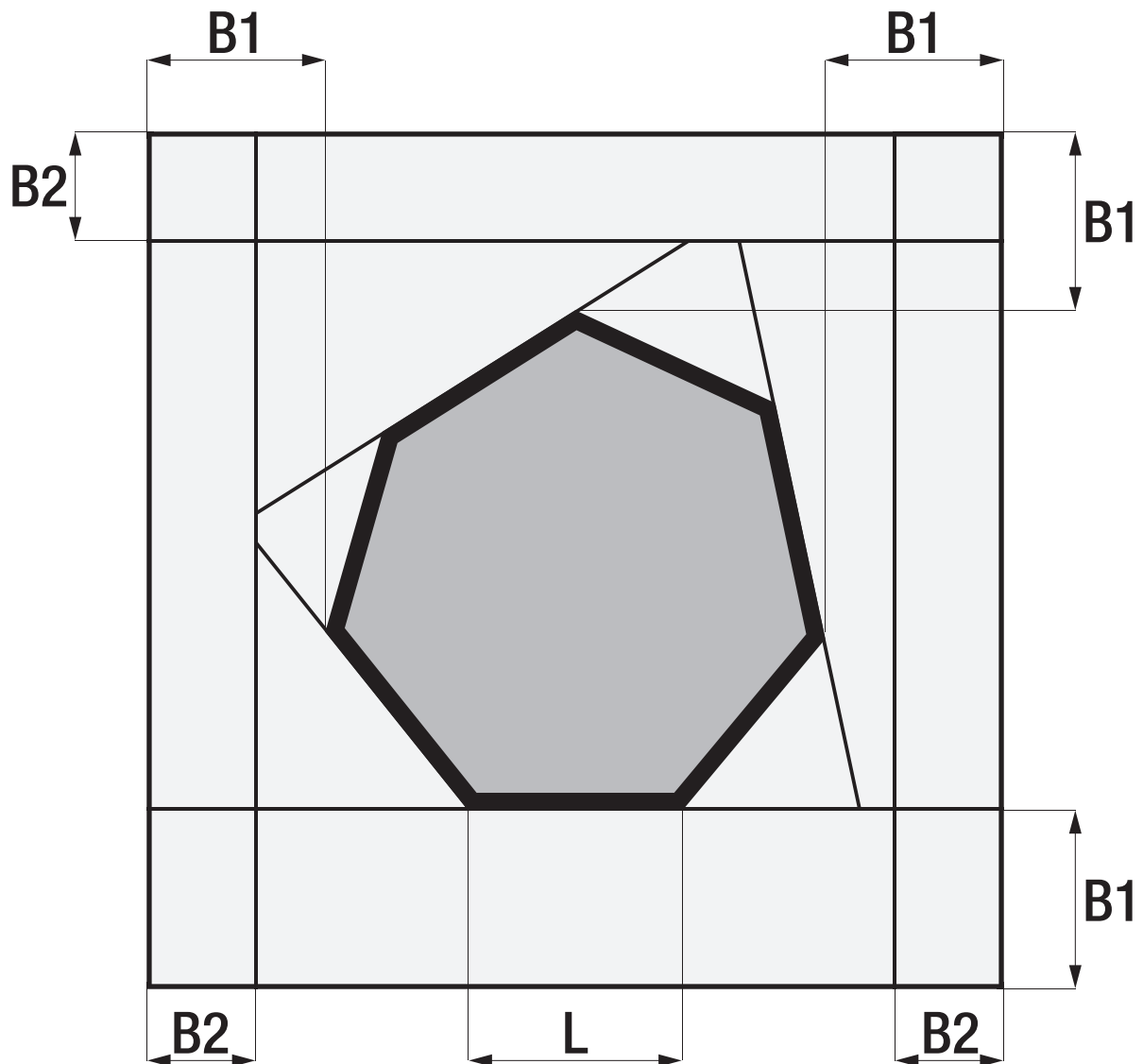


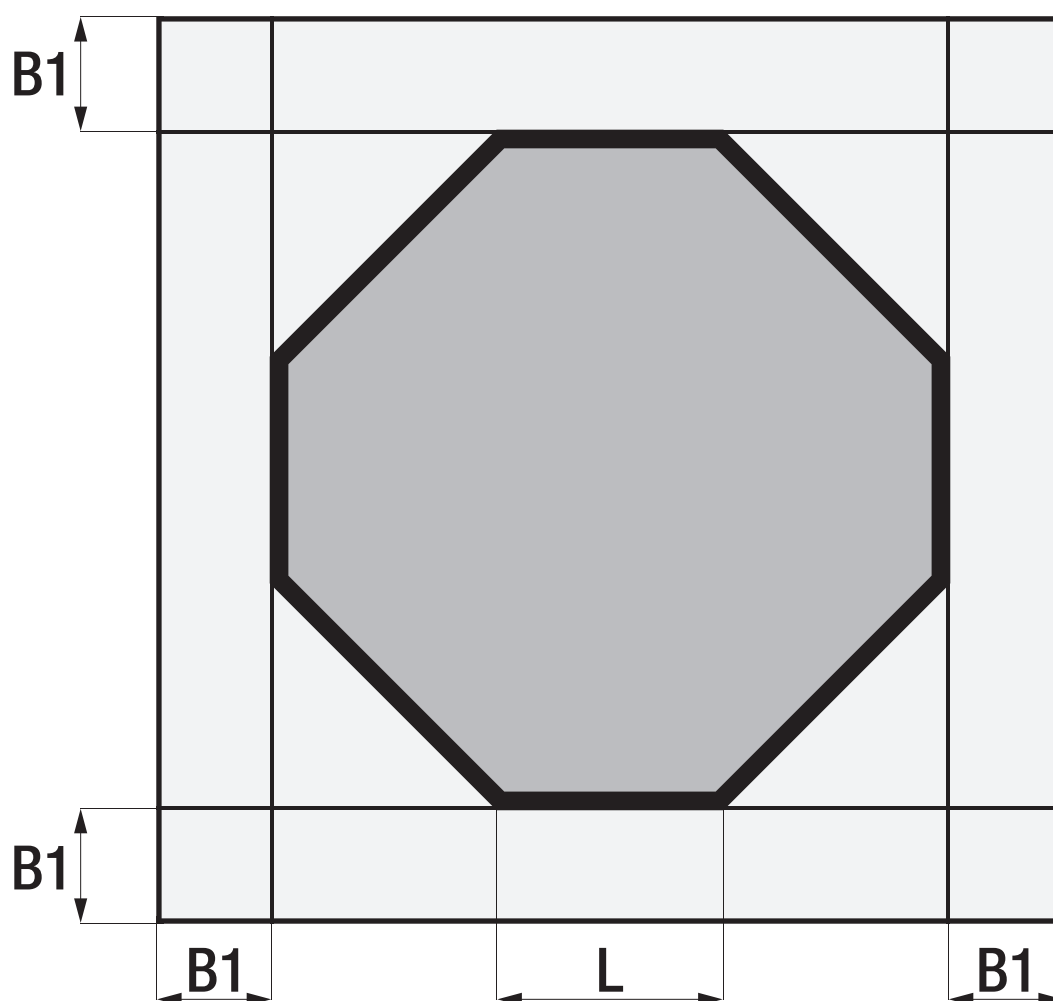




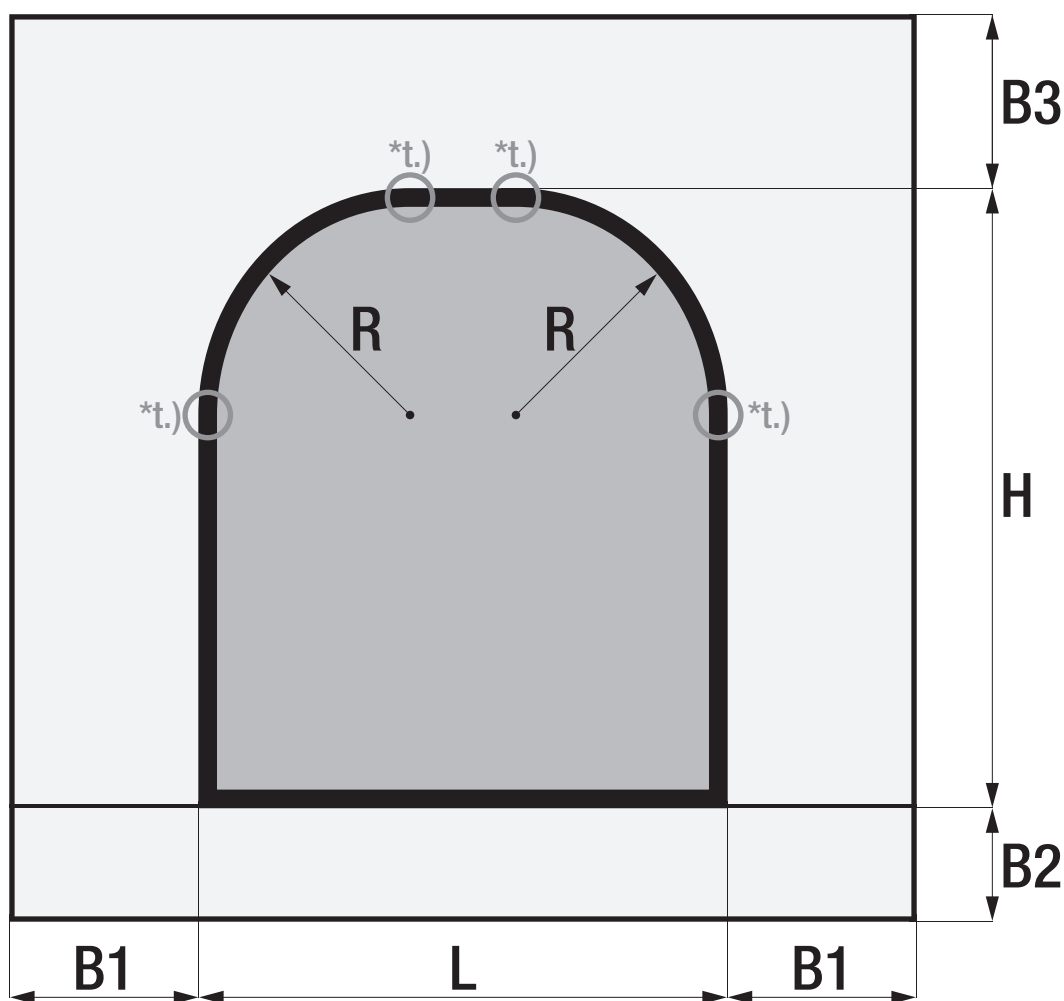




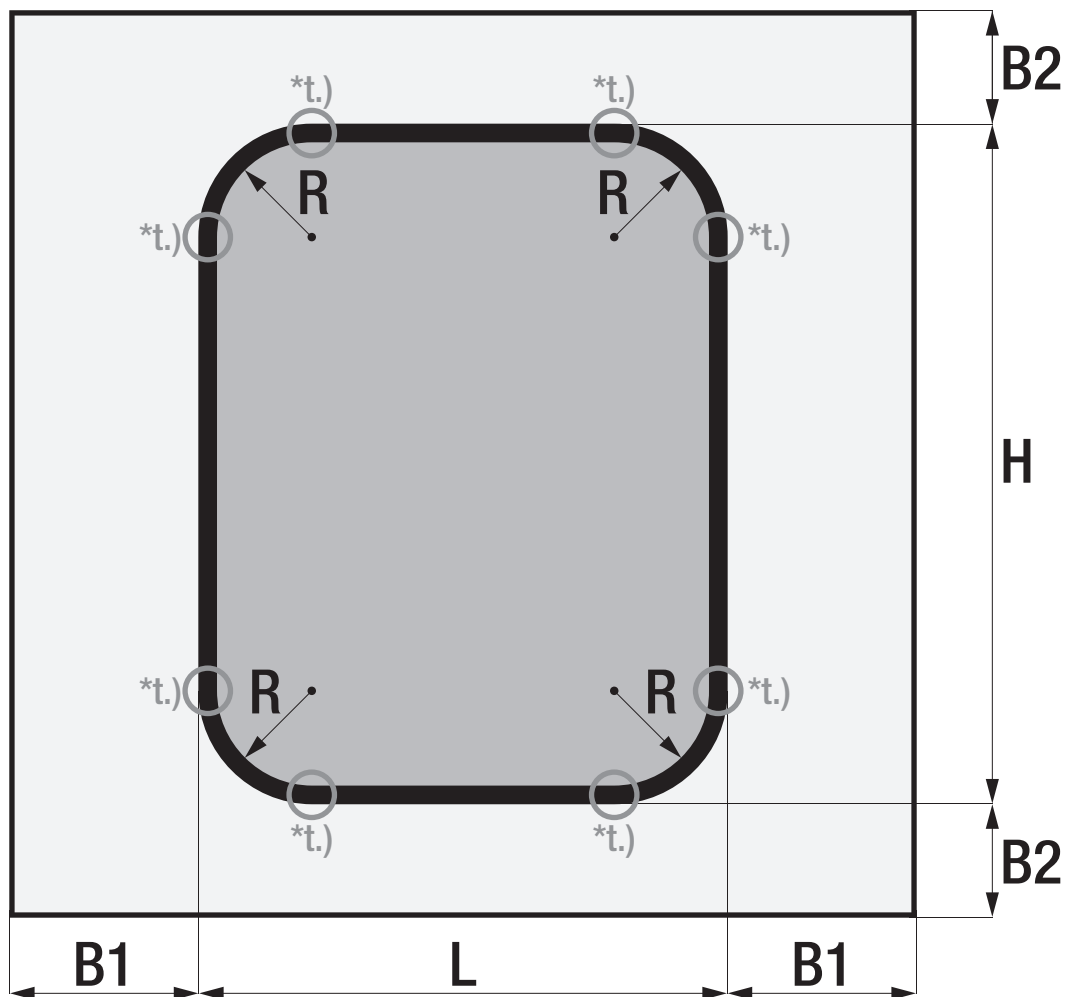


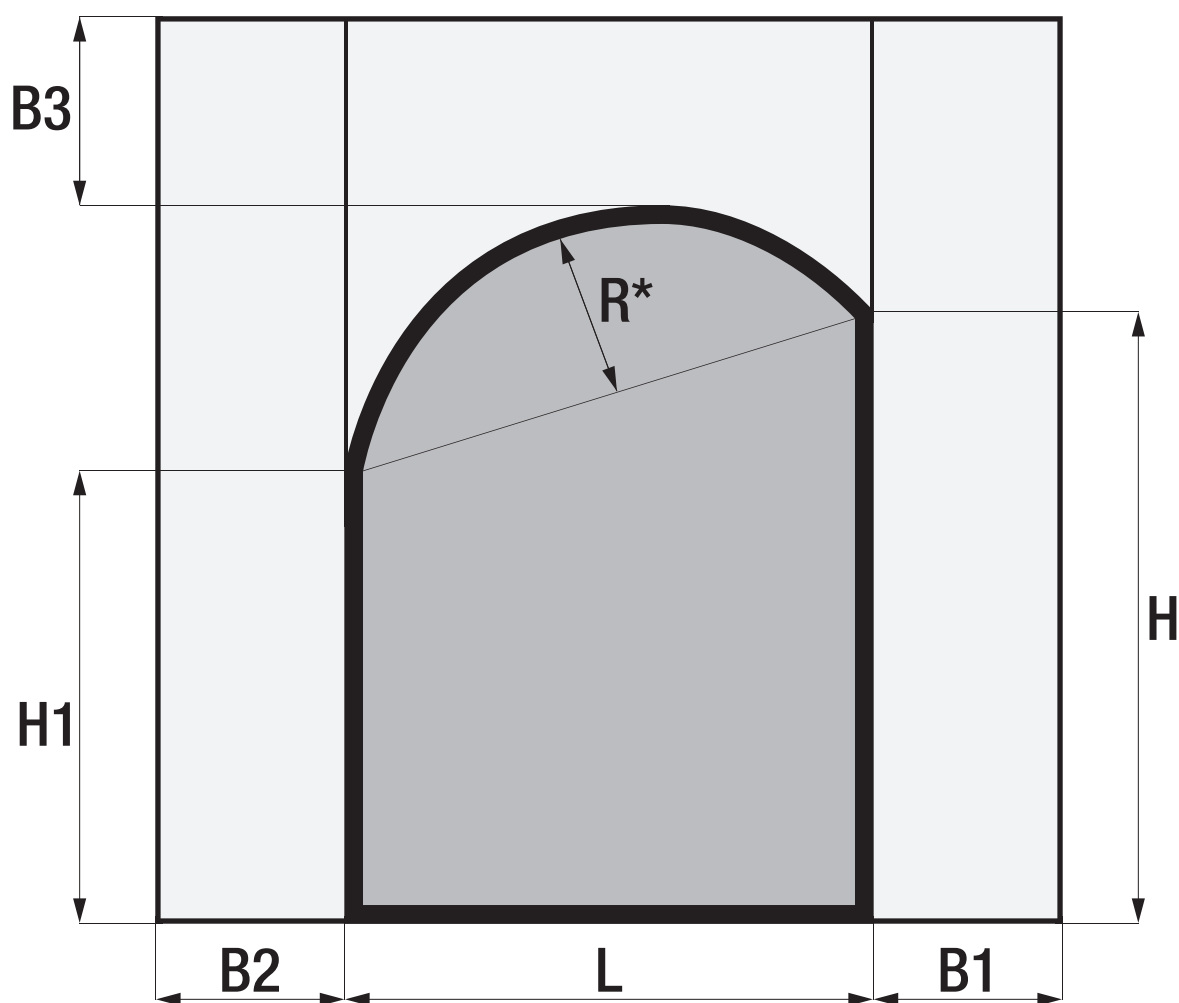


\*t.) tangential



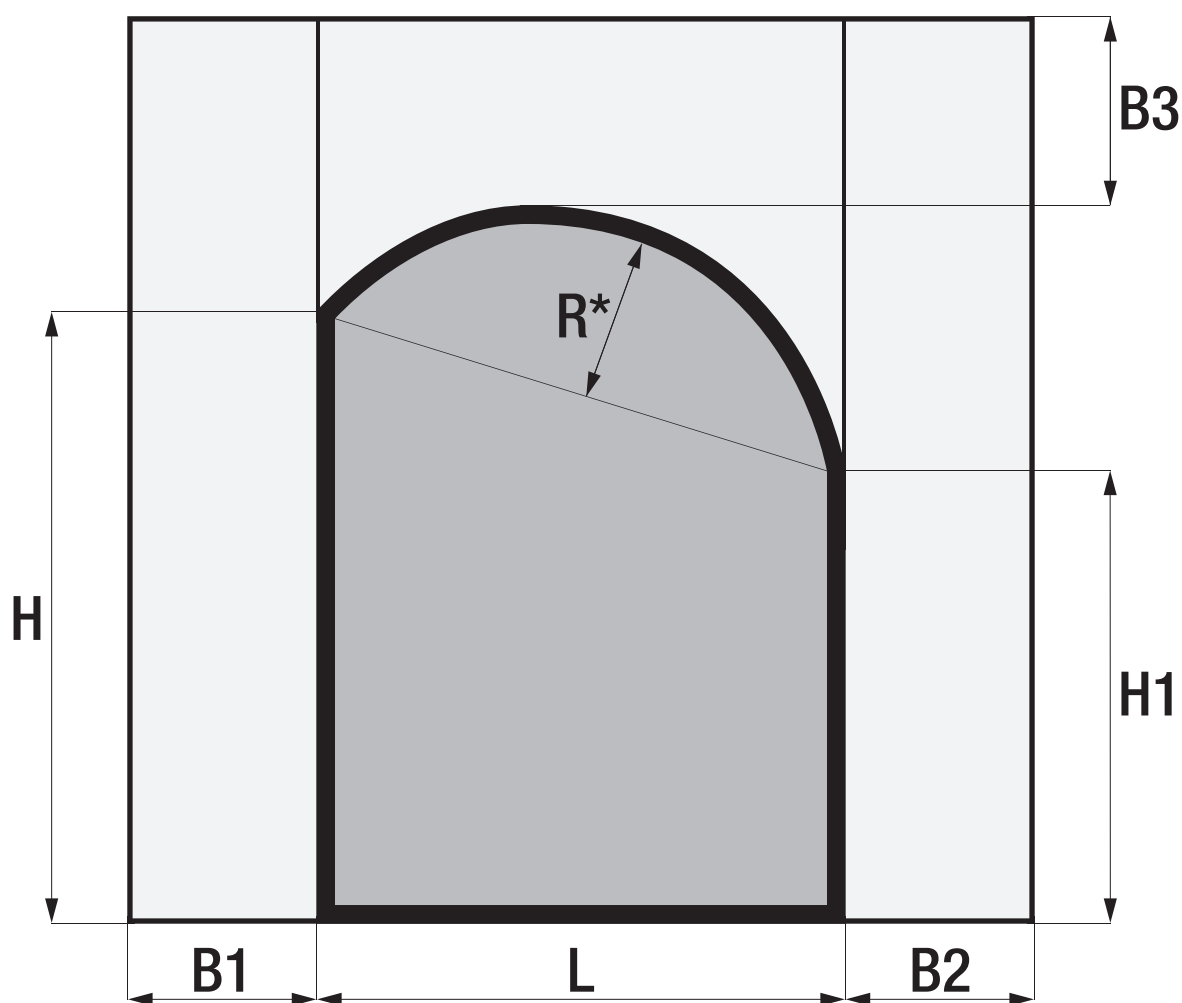
\*t.) tangential





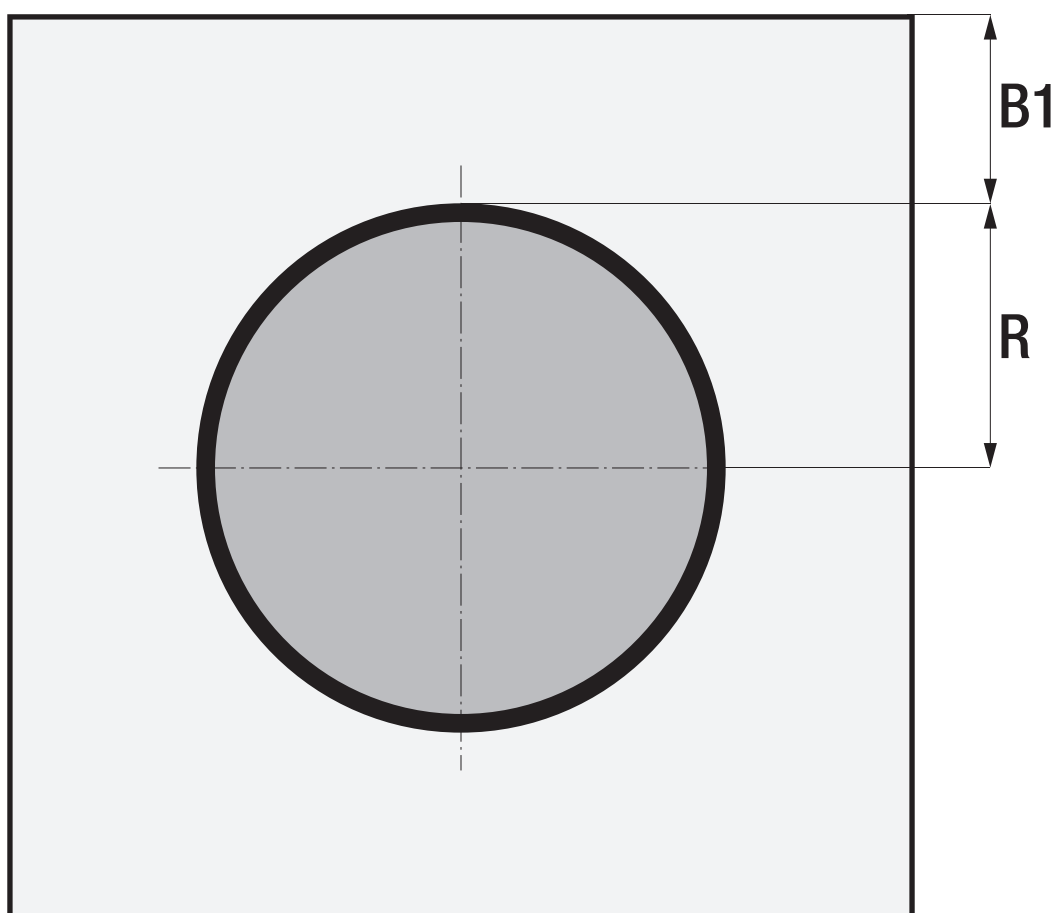
\*) Height of arc





\*) Height of arc





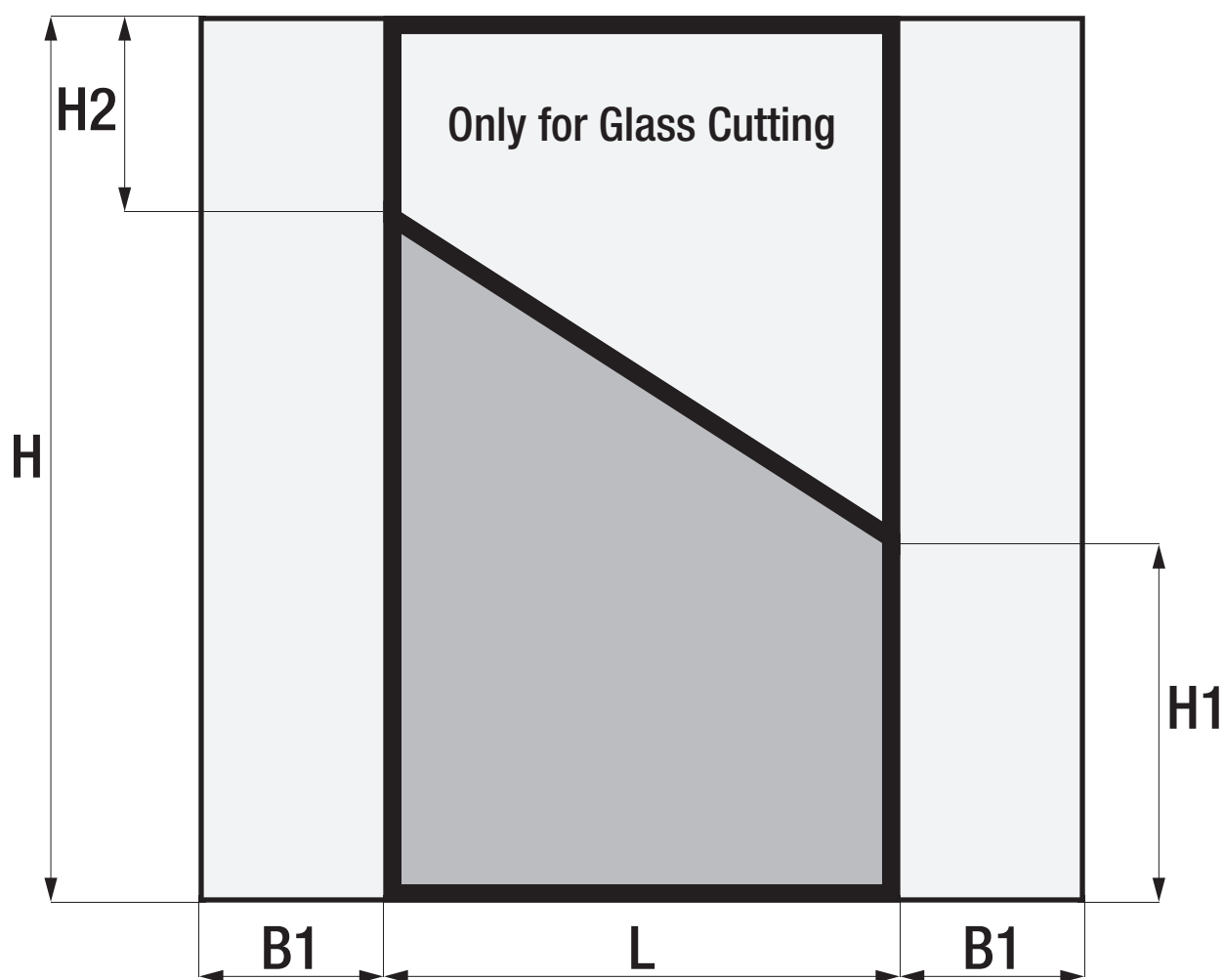


- Glass Cutting ☒
- Frame Bending ☐
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

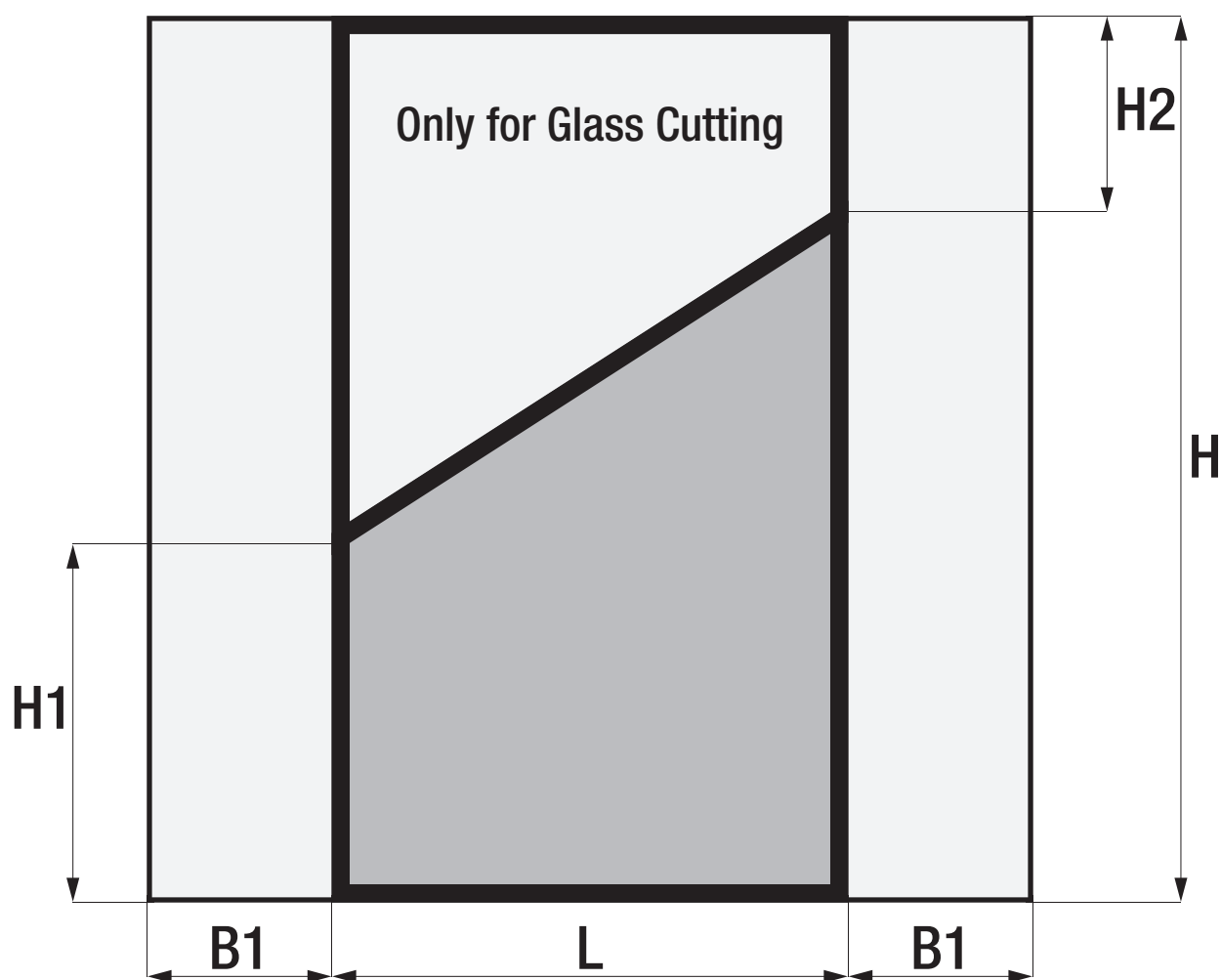
## Shape

# 30



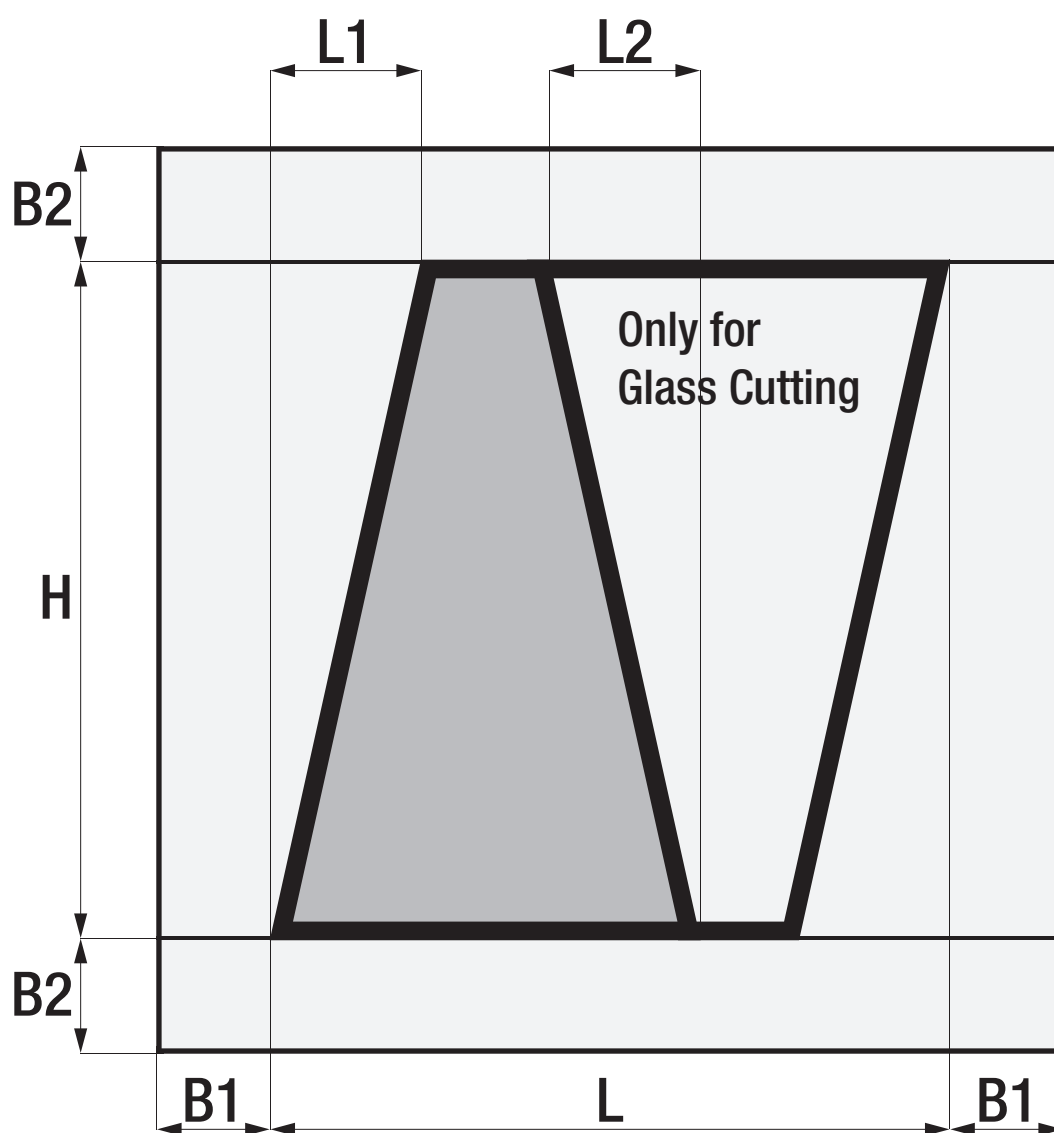
- Glass Cutting ☒
- Frame Bending ☐
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐

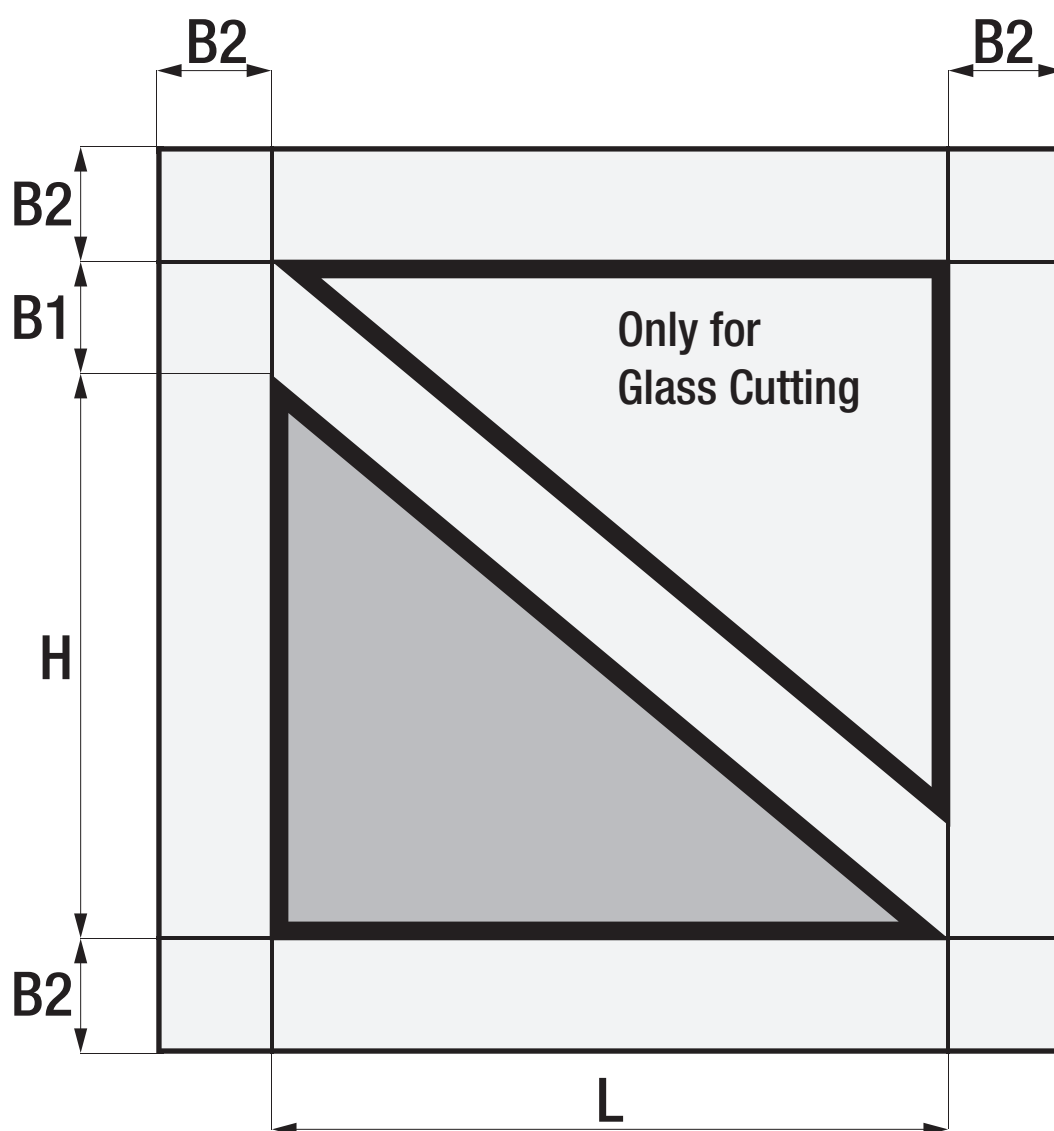
Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply



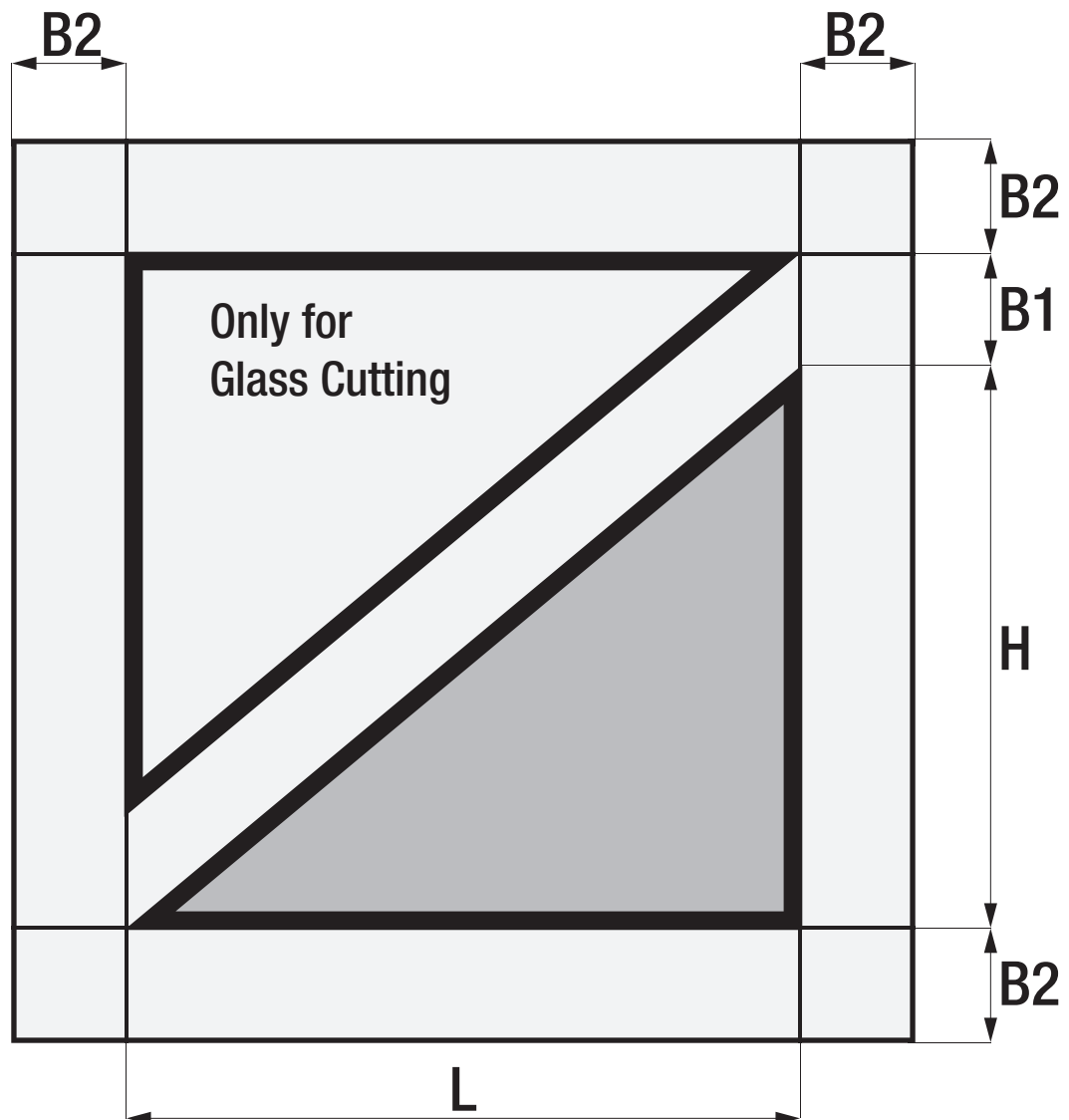
- Glass Cutting ☒
- Frame Bending ☐
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

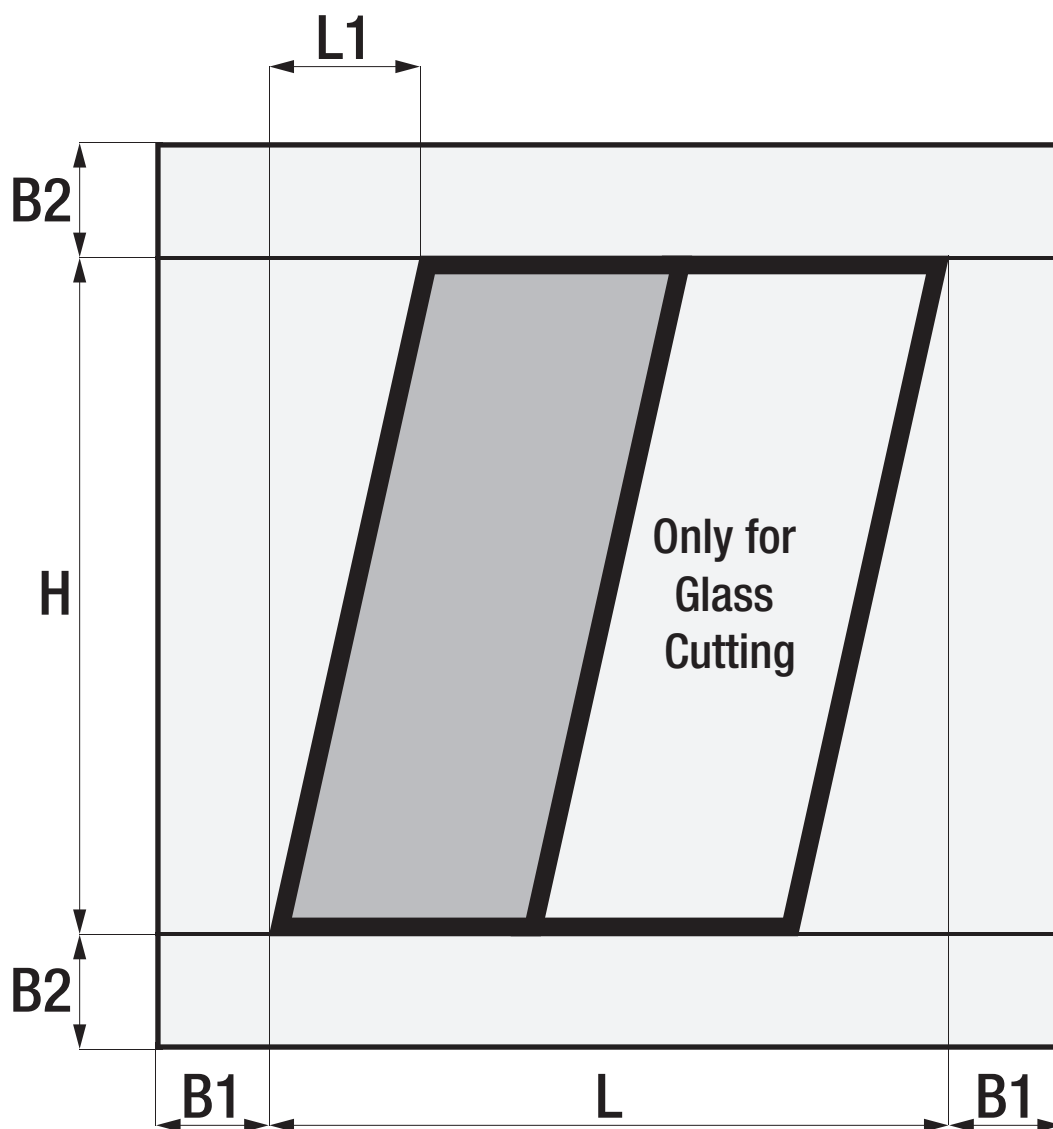




- Glass Cutting ☒
- Frame Bending ☐
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐

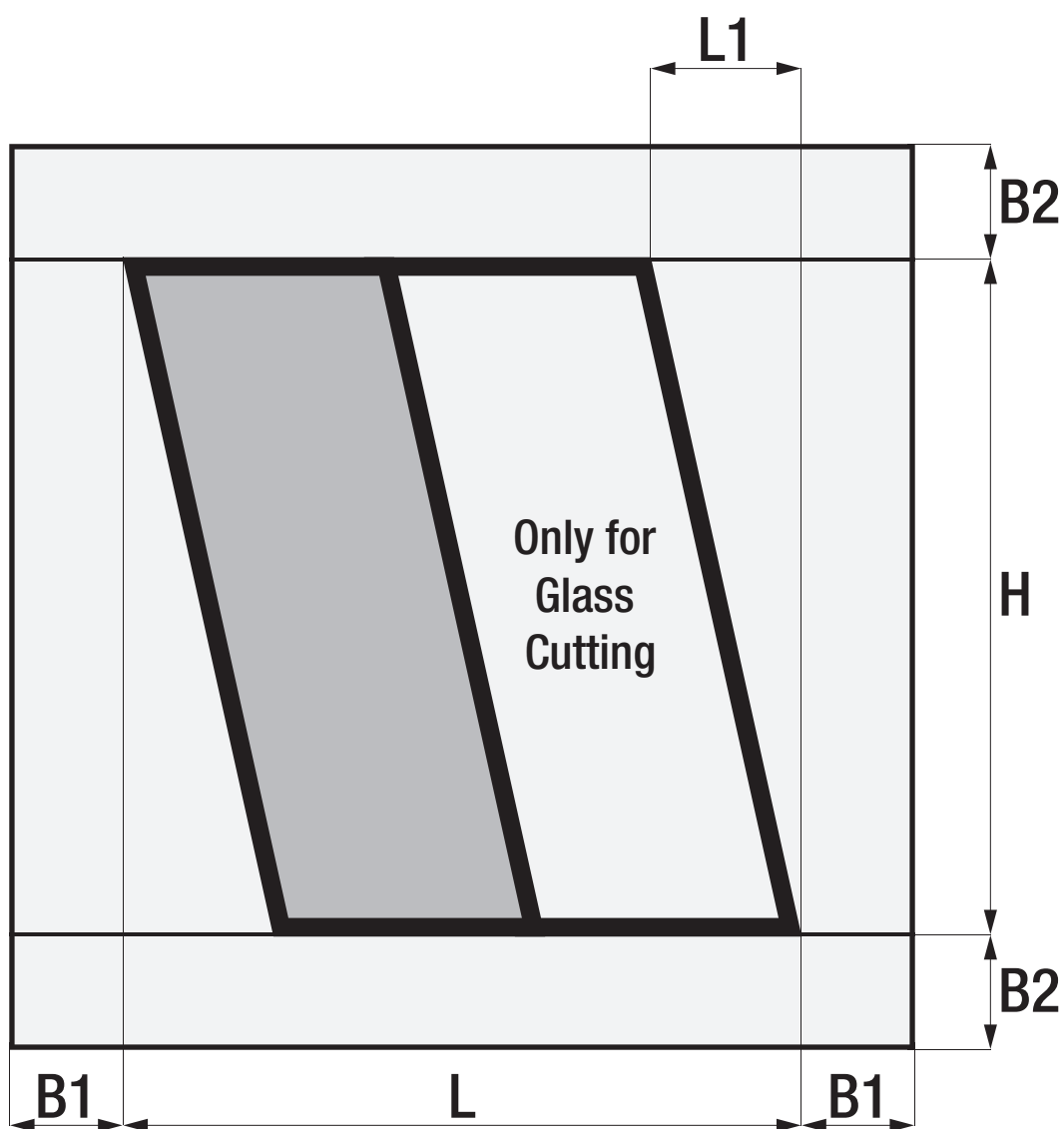


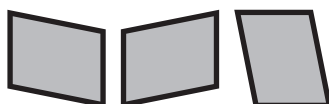
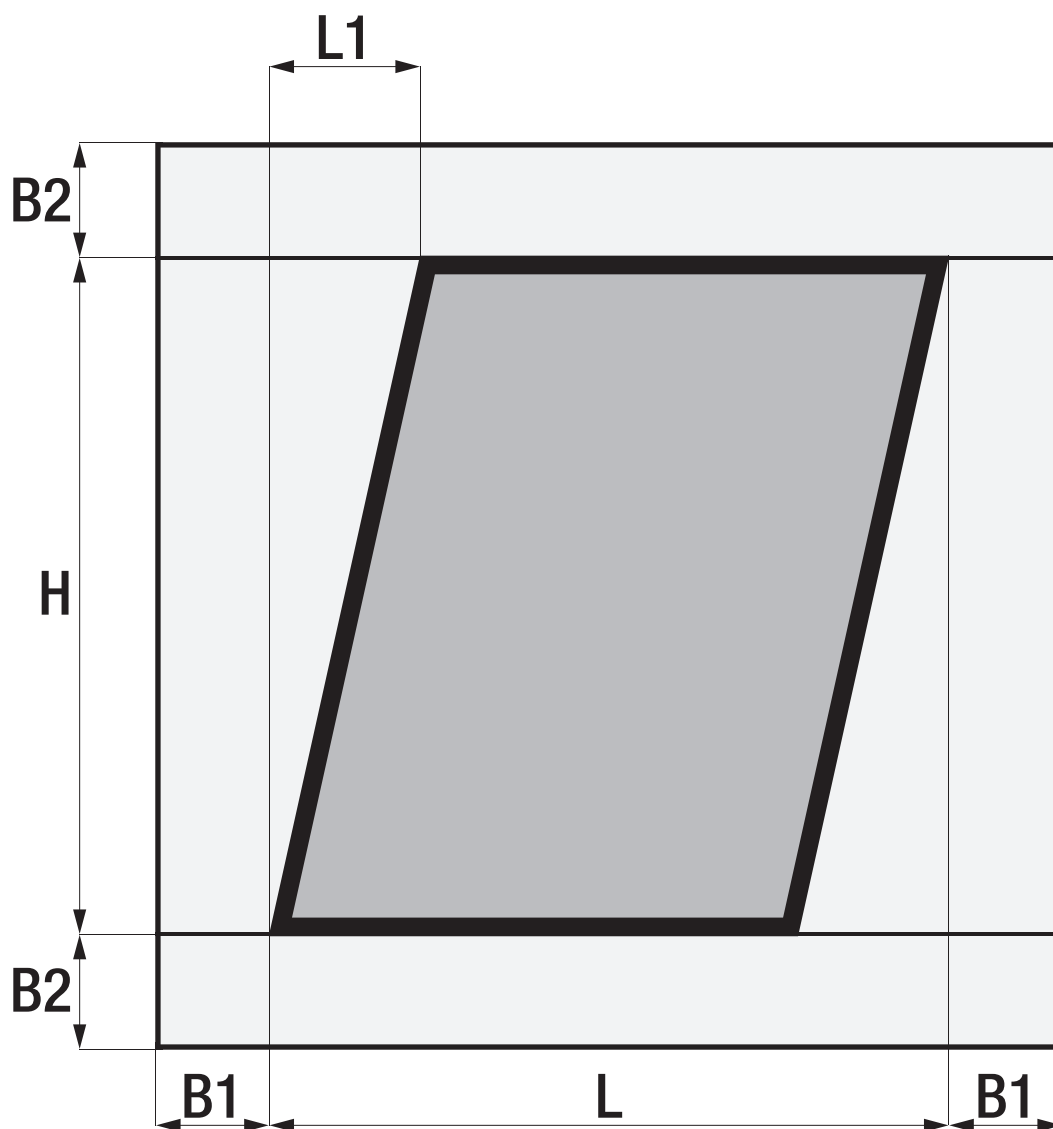
- Glass Cutting ☒
- Frame Bending ☐
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐



- Glass Cutting ☒
- Frame Bending ☐
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply







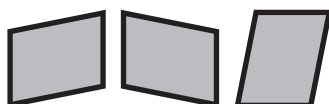
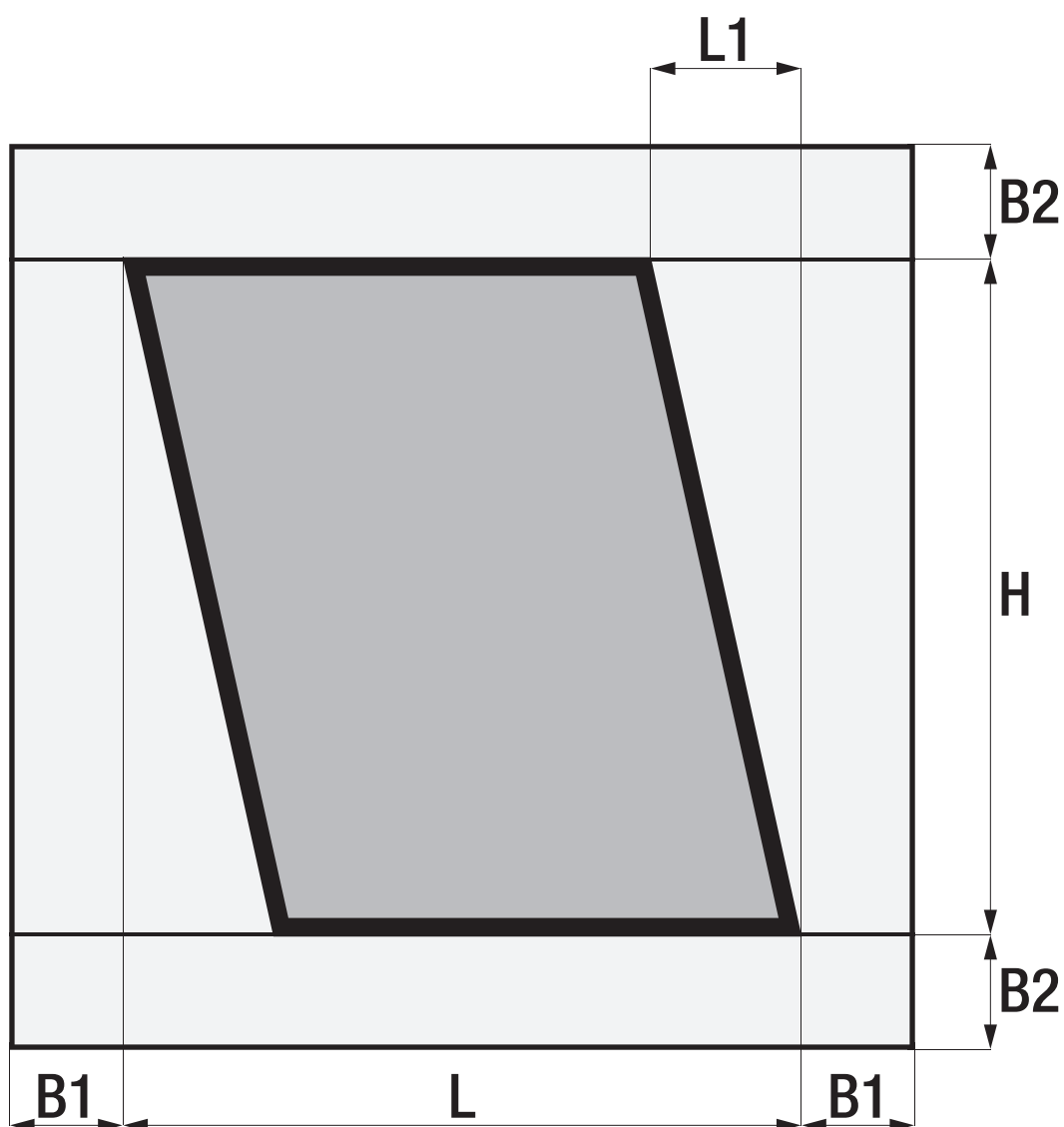
**LiSEC**

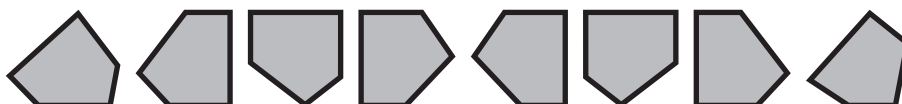
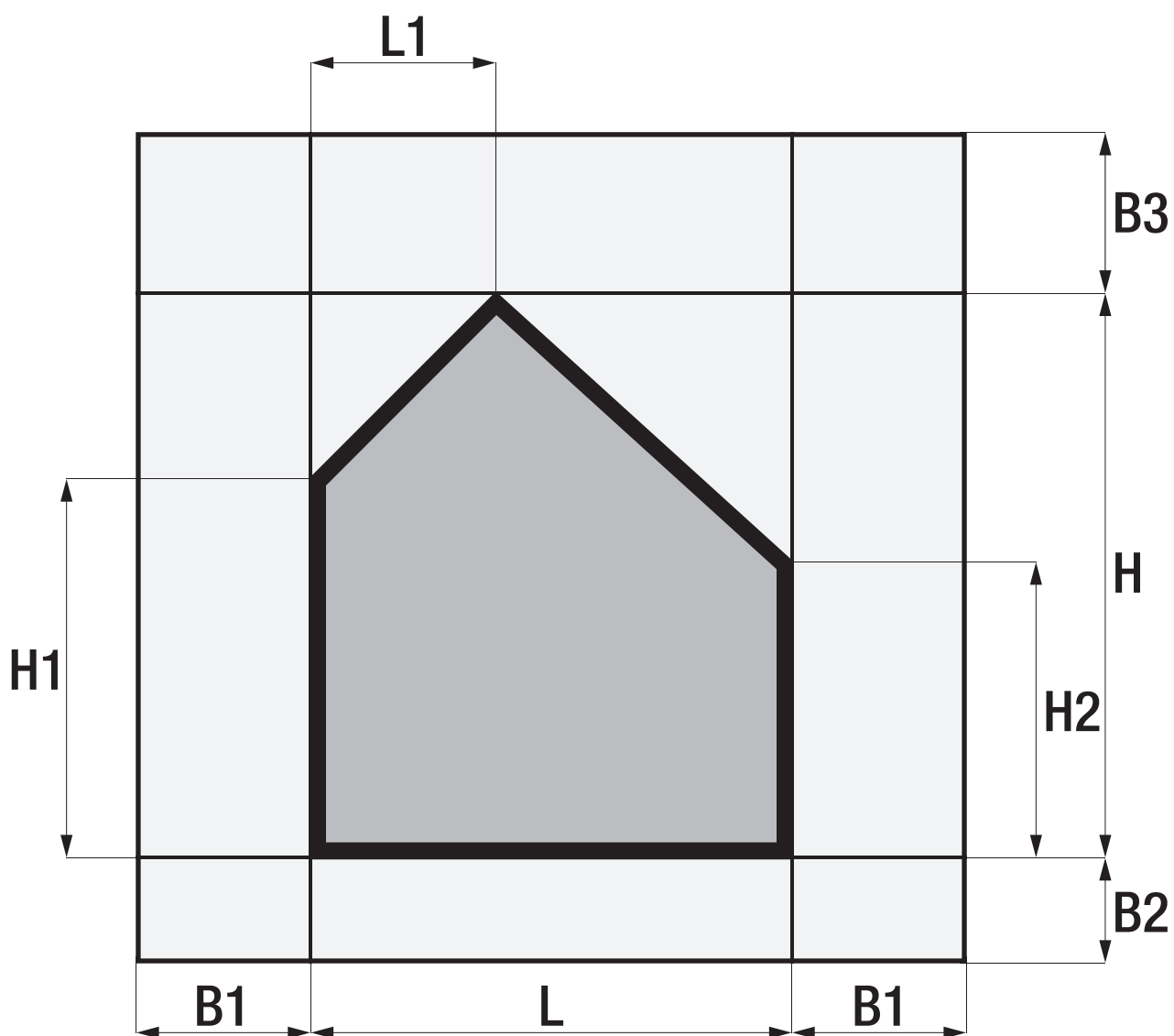
Glass Cutting ☒  
Not for BSV-40 Frame Bending ☒  
Shape Sealing ☒  
Shape Gas Filling ☒  
VSA ☐  
KSR ☒  
KBU / KBF / KSU ☒  
TPA ☒

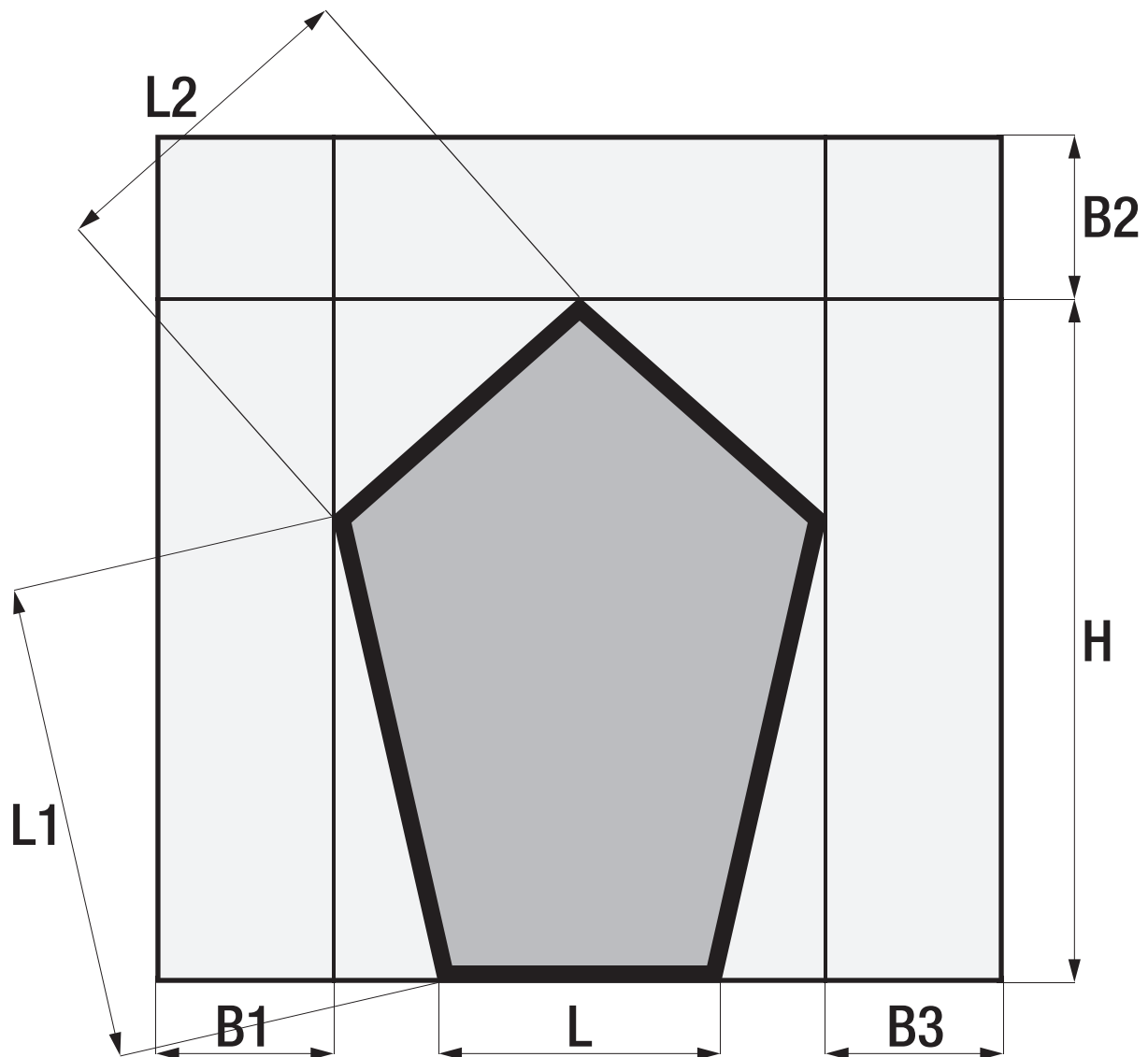
Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

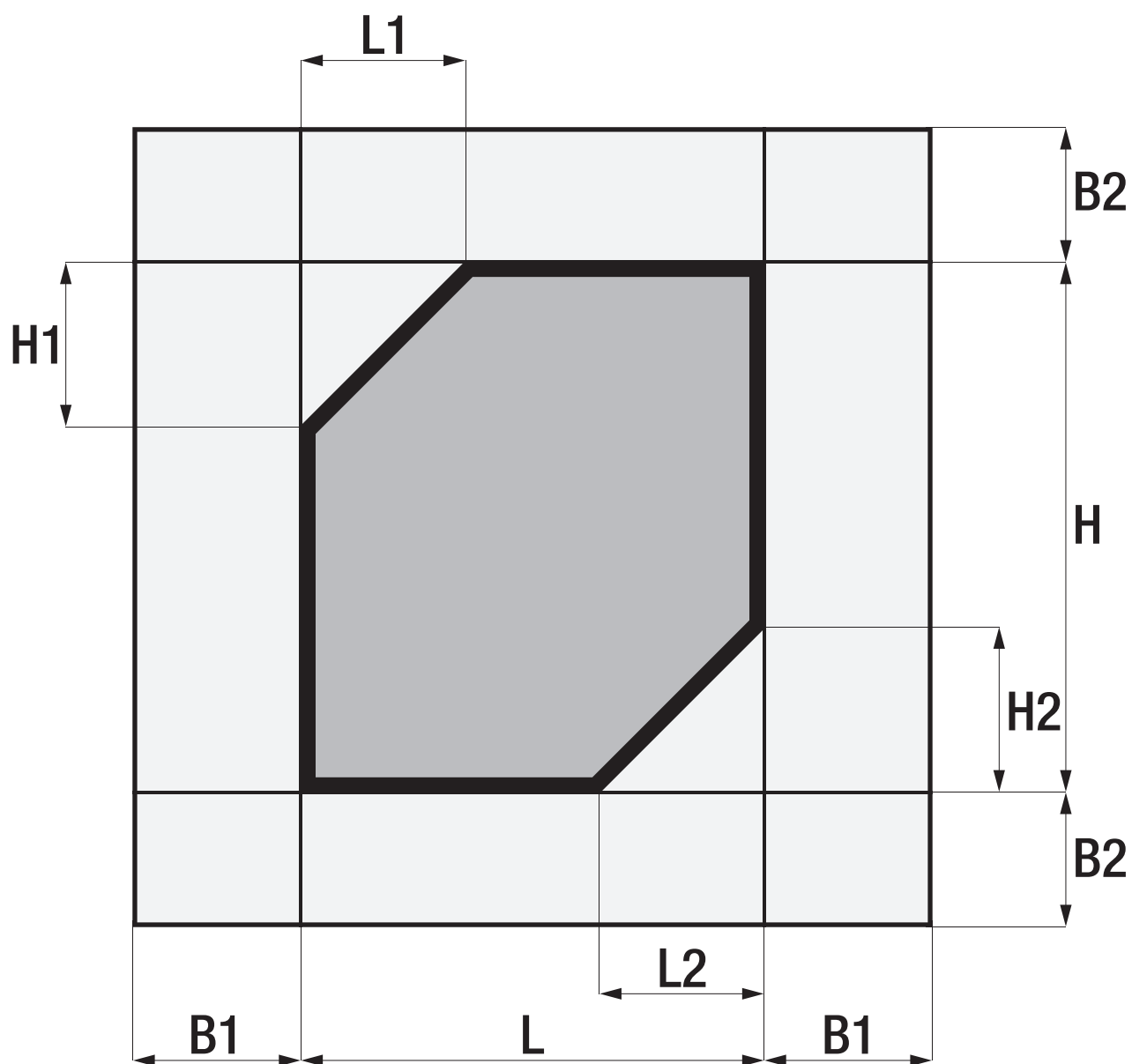
Shape

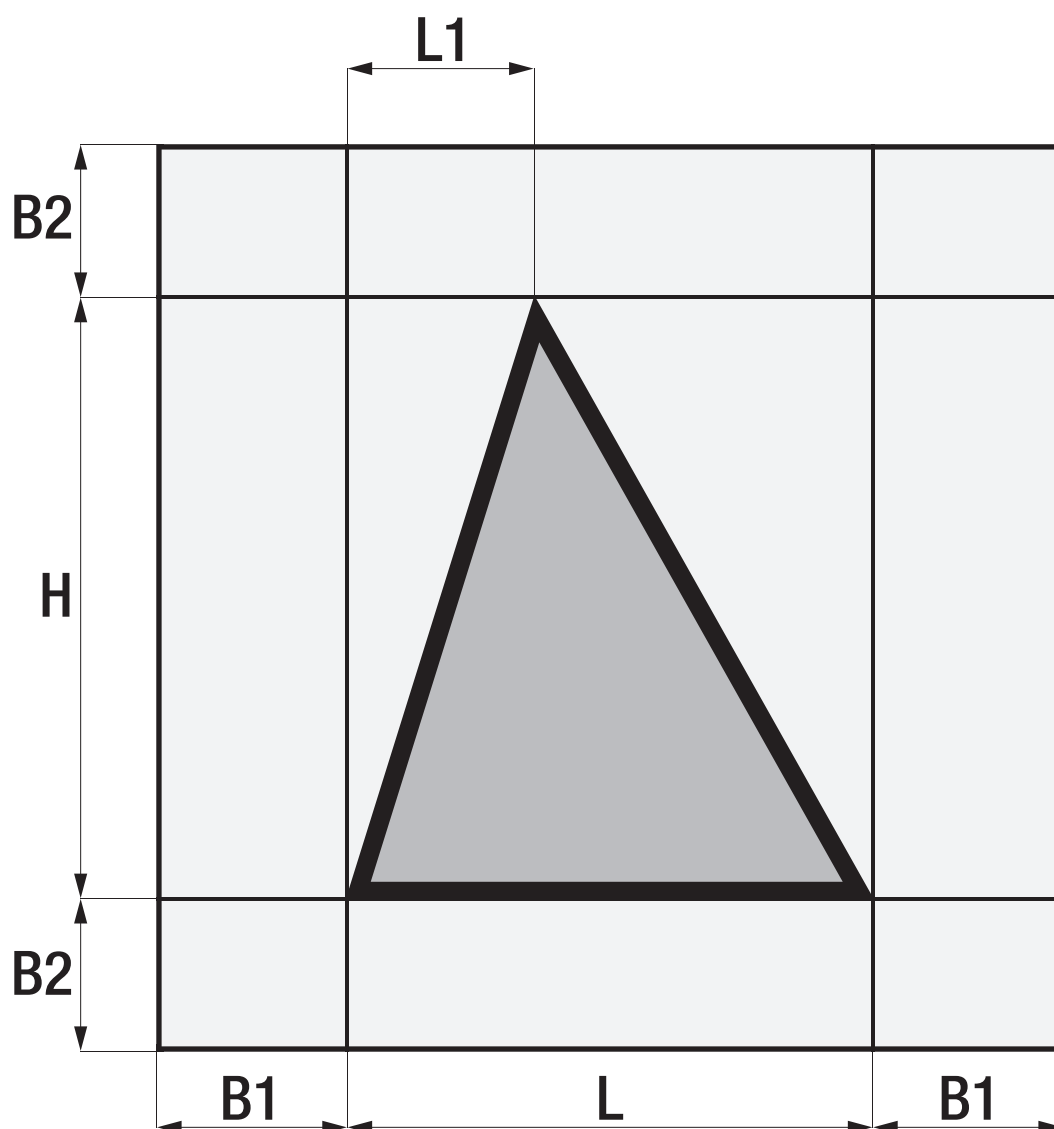
38

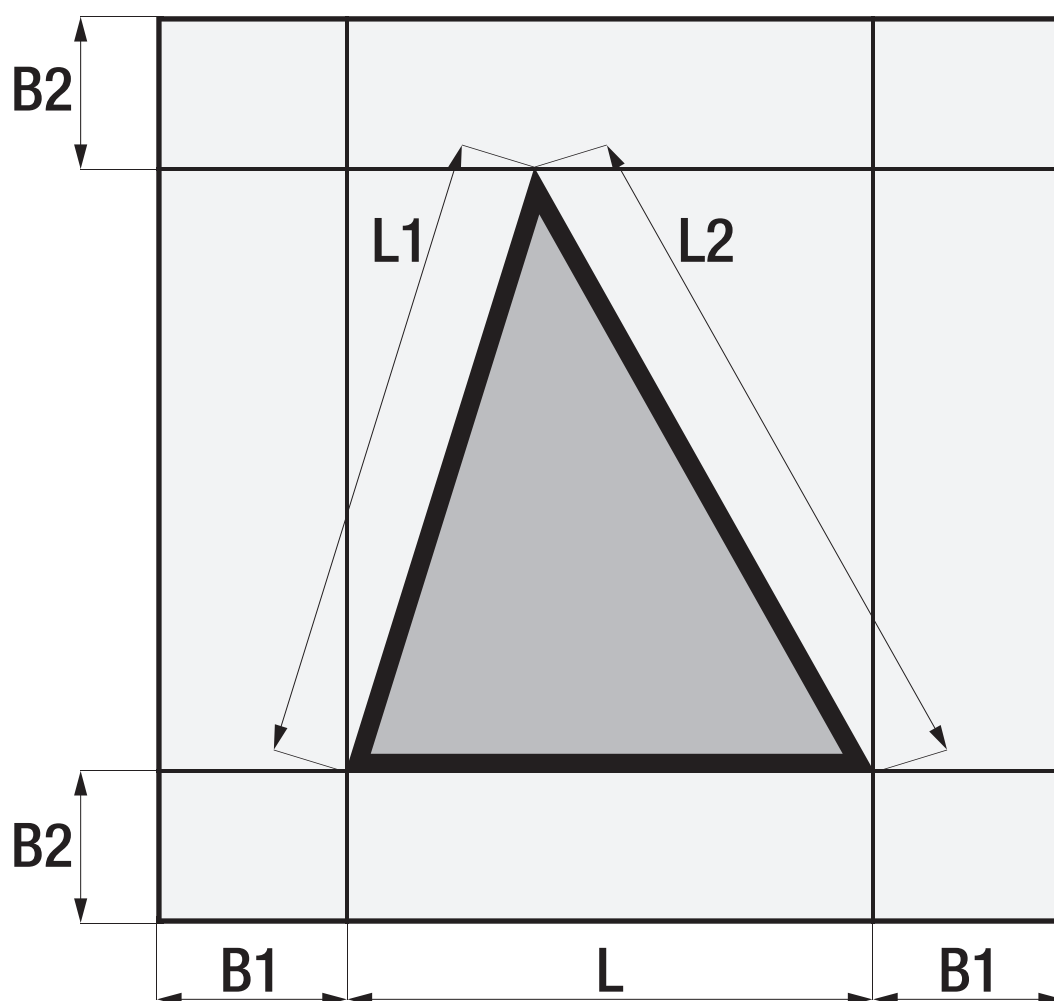


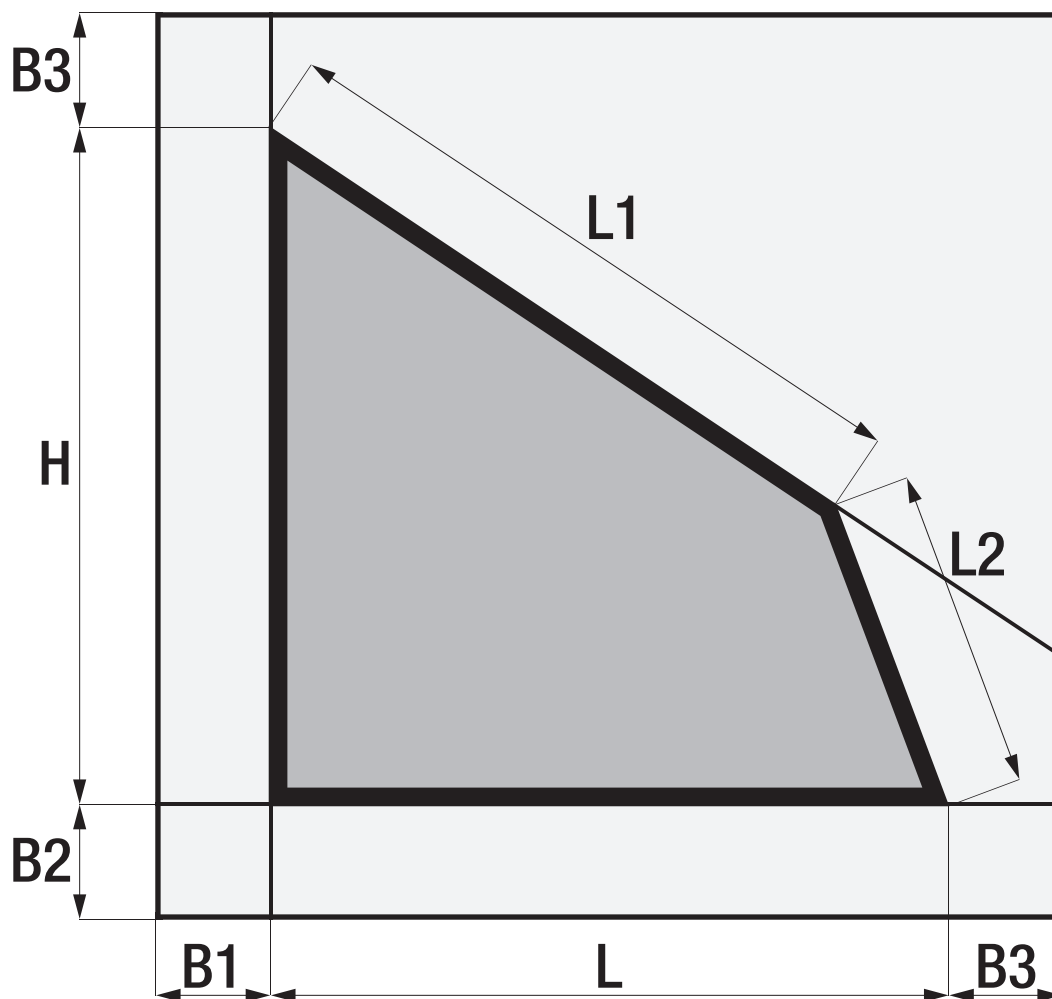


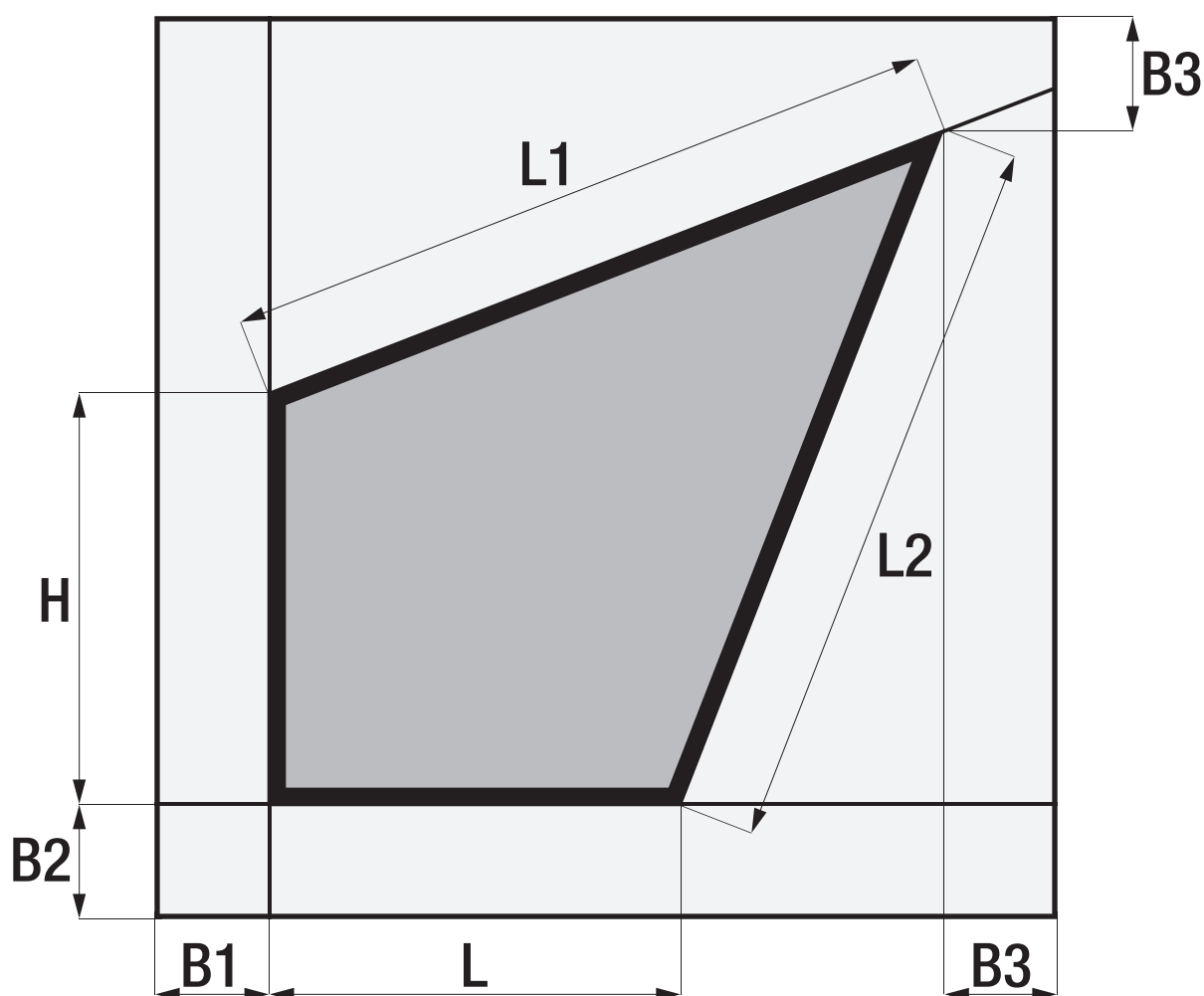




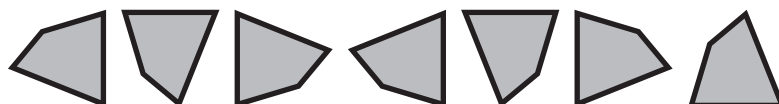
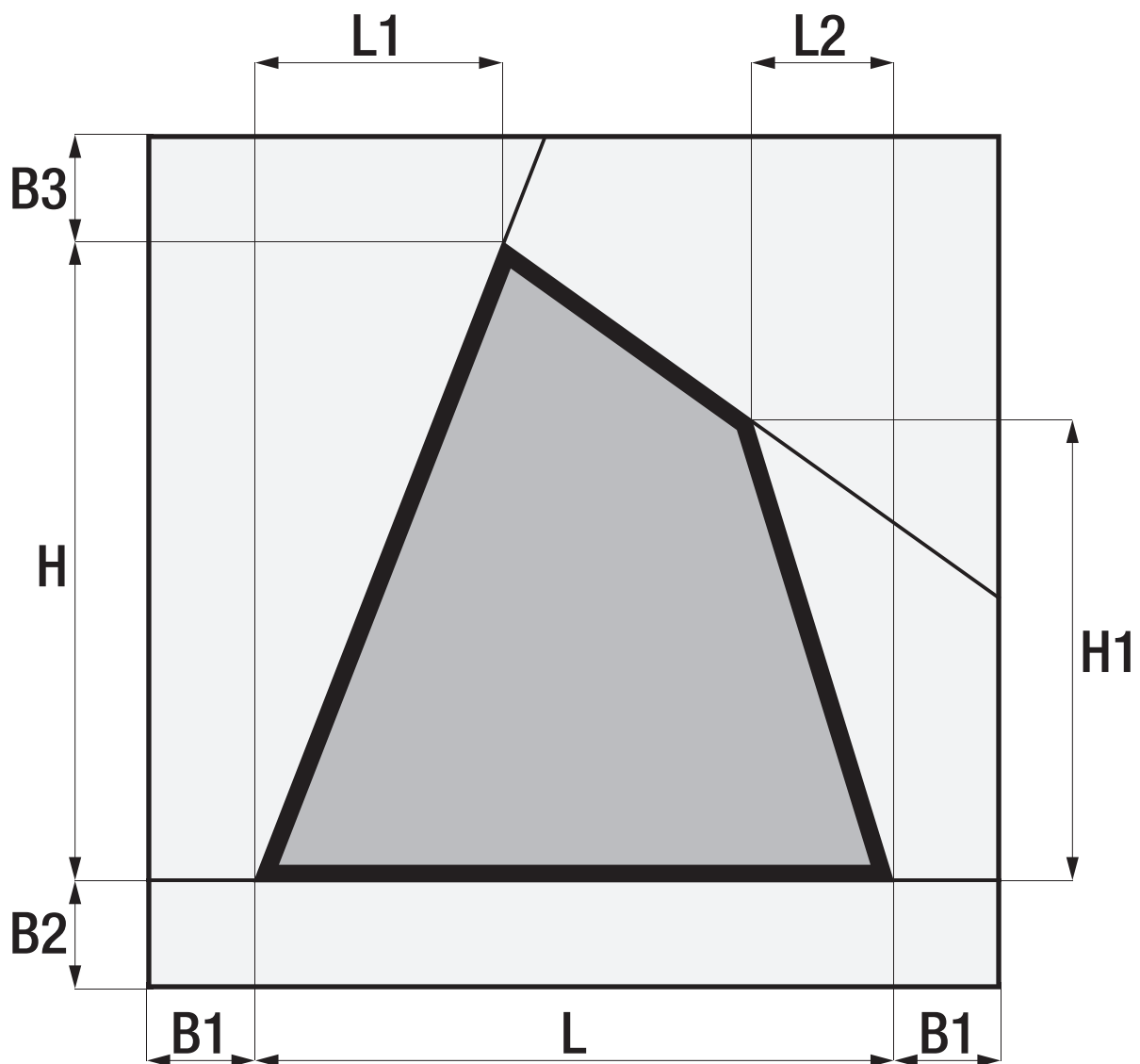


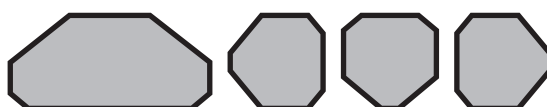
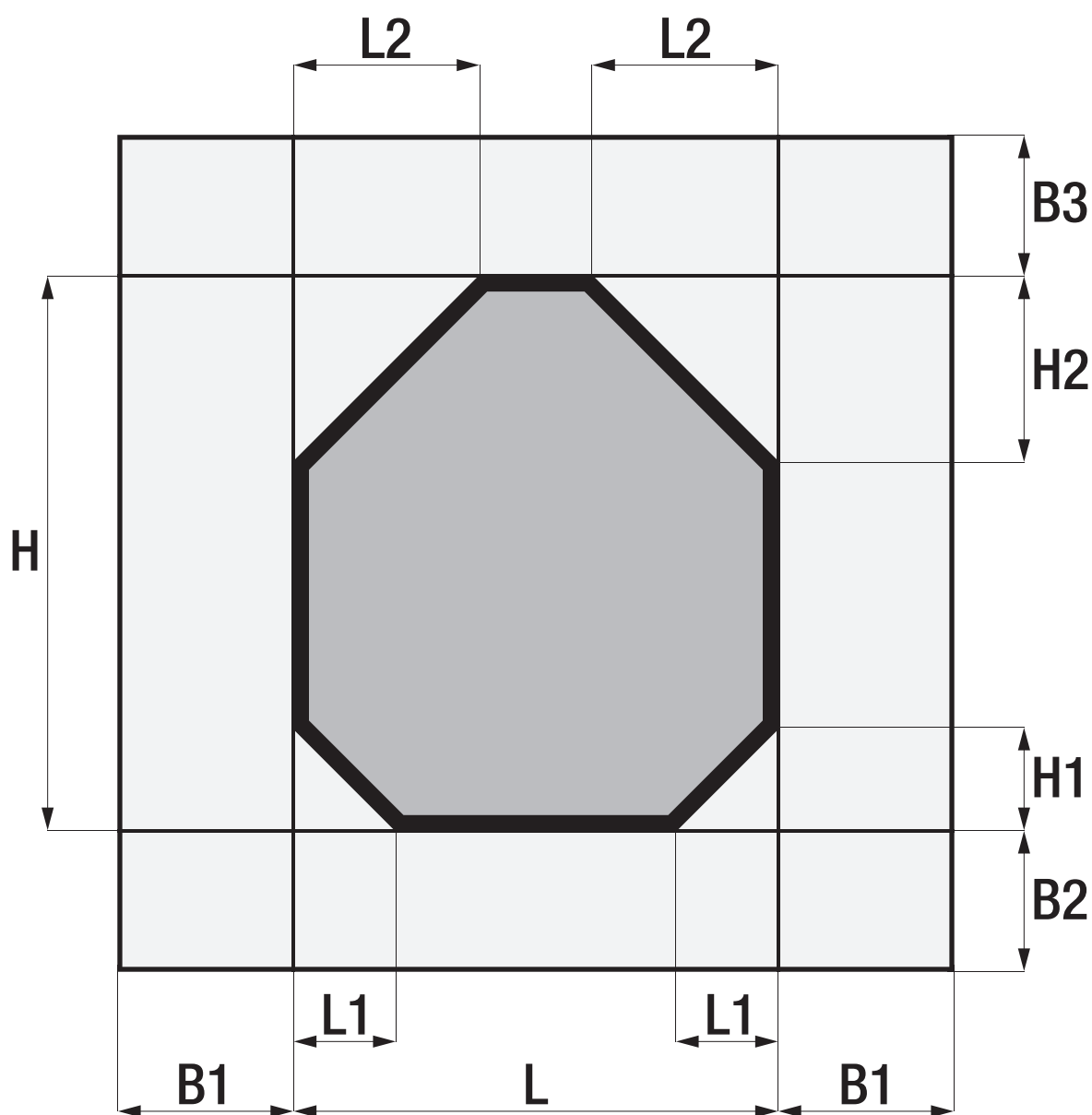


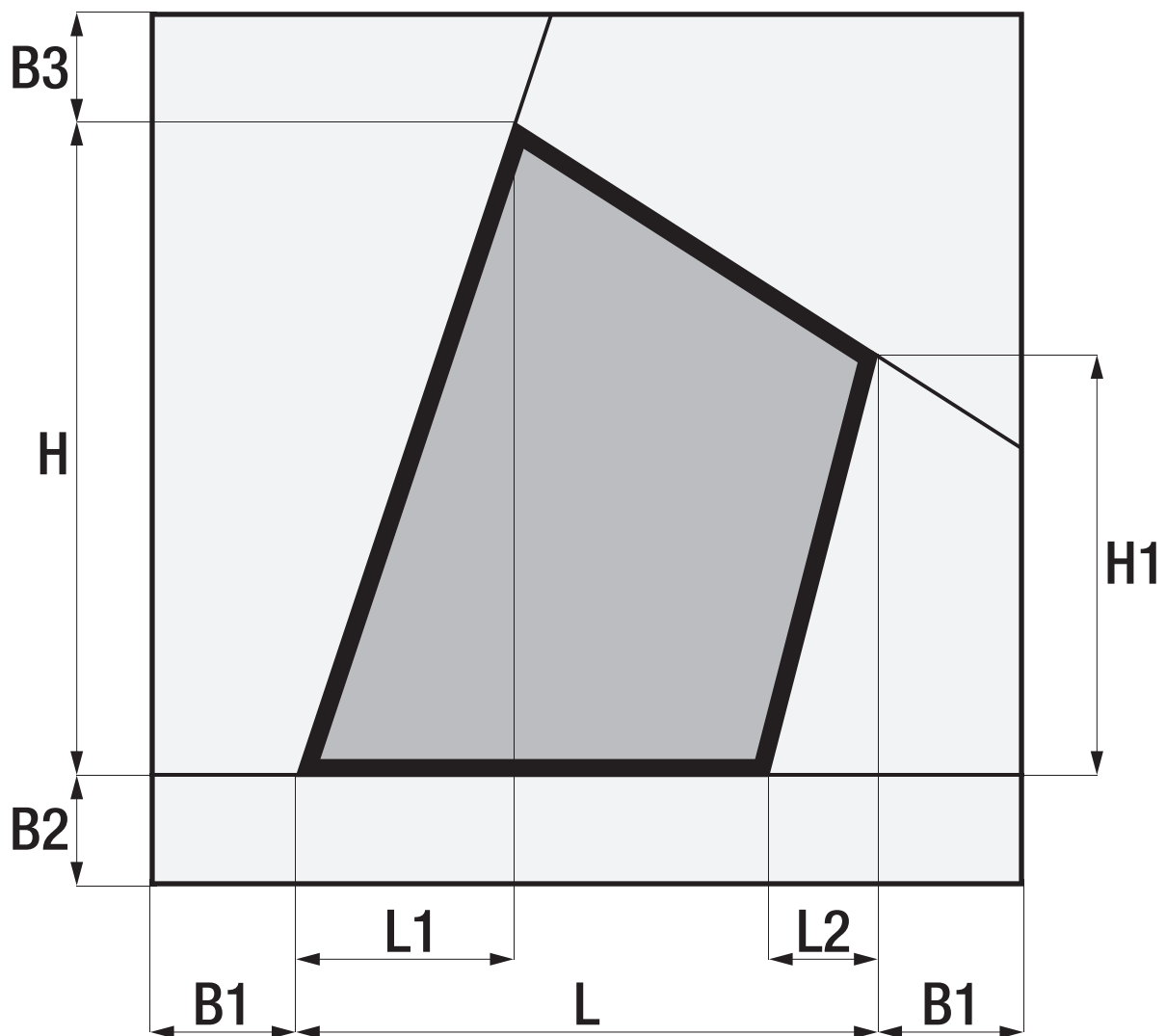












# LiSEC

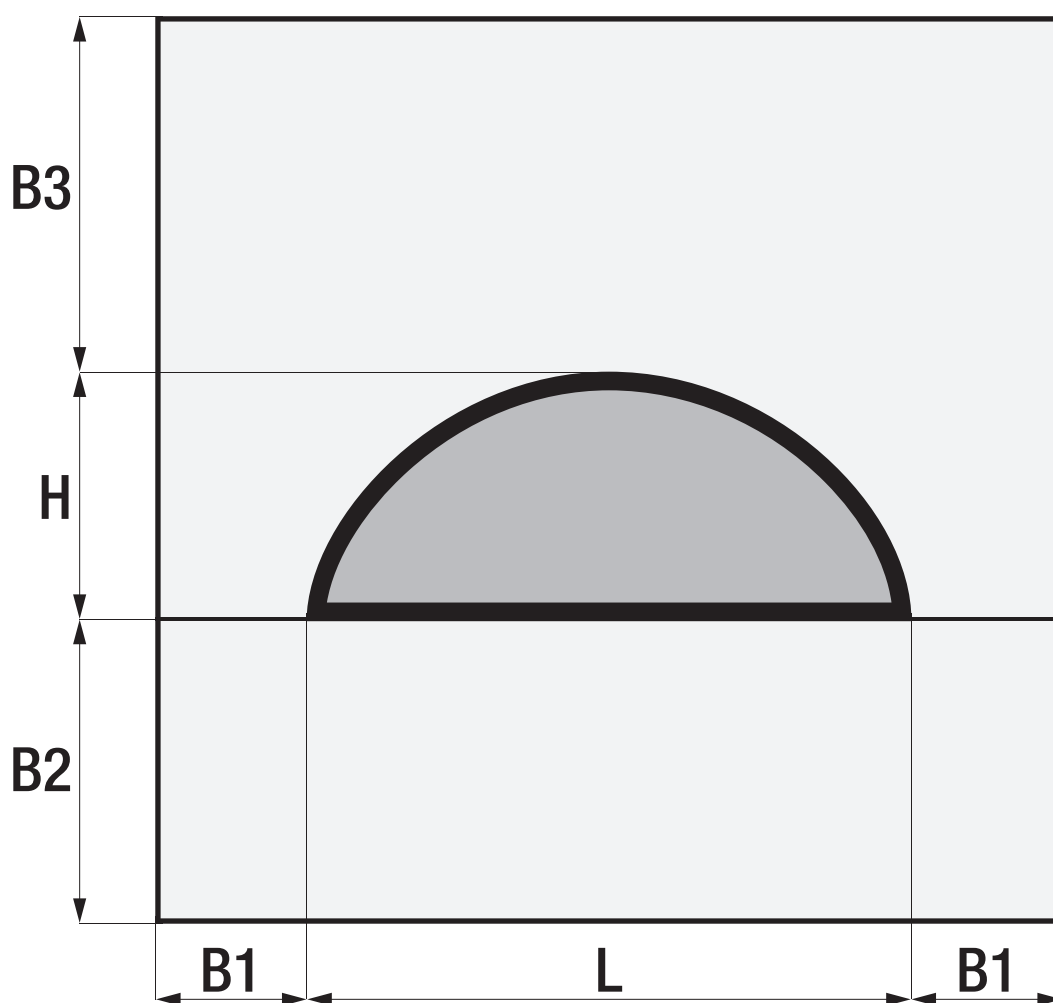
Not for BSV-40

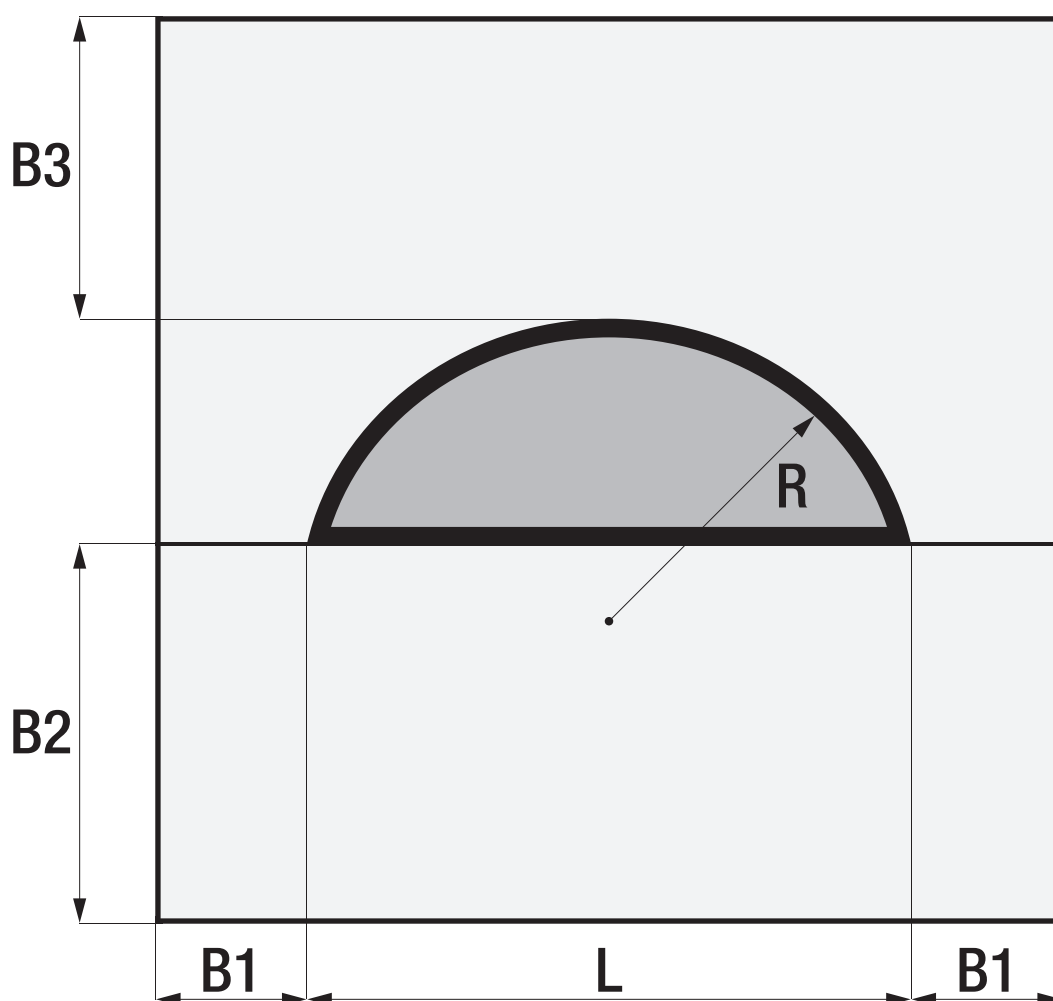
- Glass Cutting ✓
- Frame Bending ✓
- Shape Sealing ✓
- Shape Gas Filling ✓
- VSA ✓
- KSR ✓
- KBU / KBF / KSU ✓
- TPA ✓

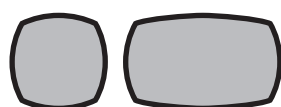
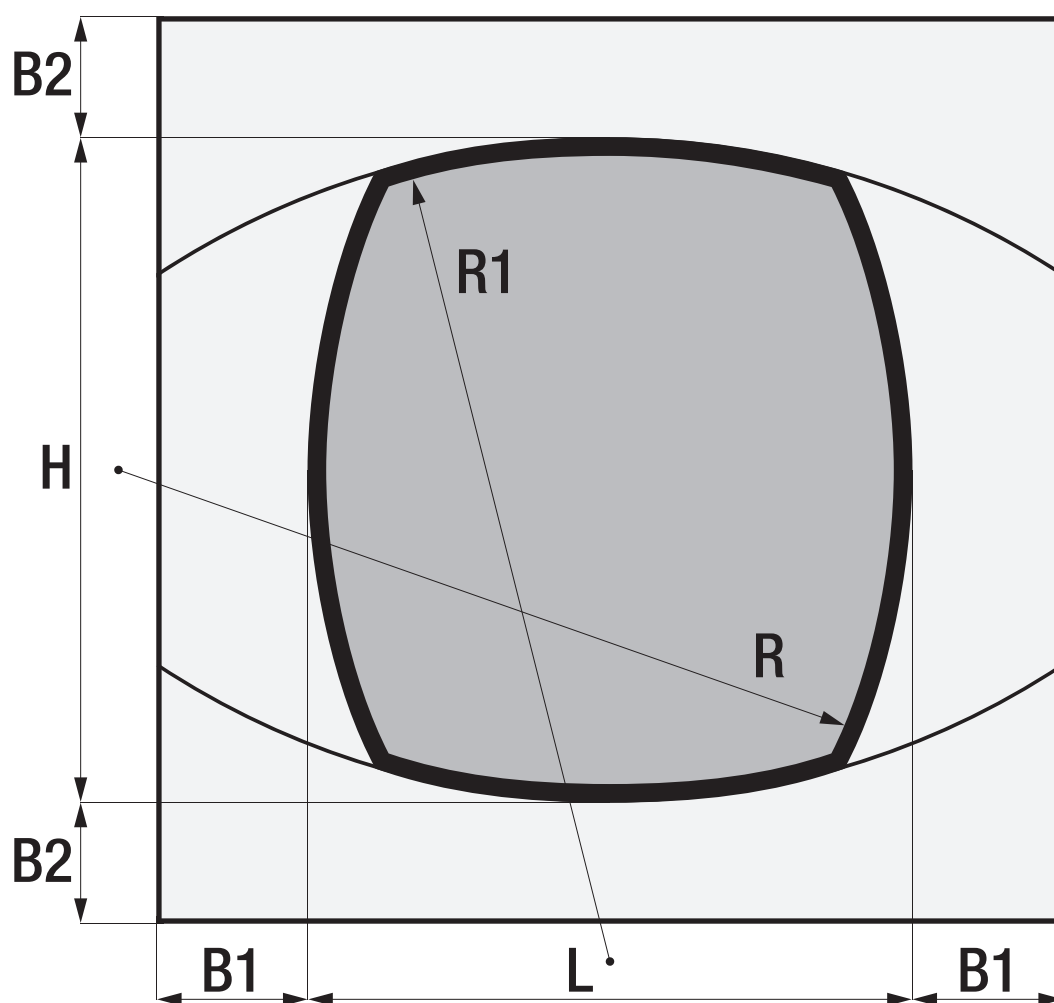
Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

## Shape

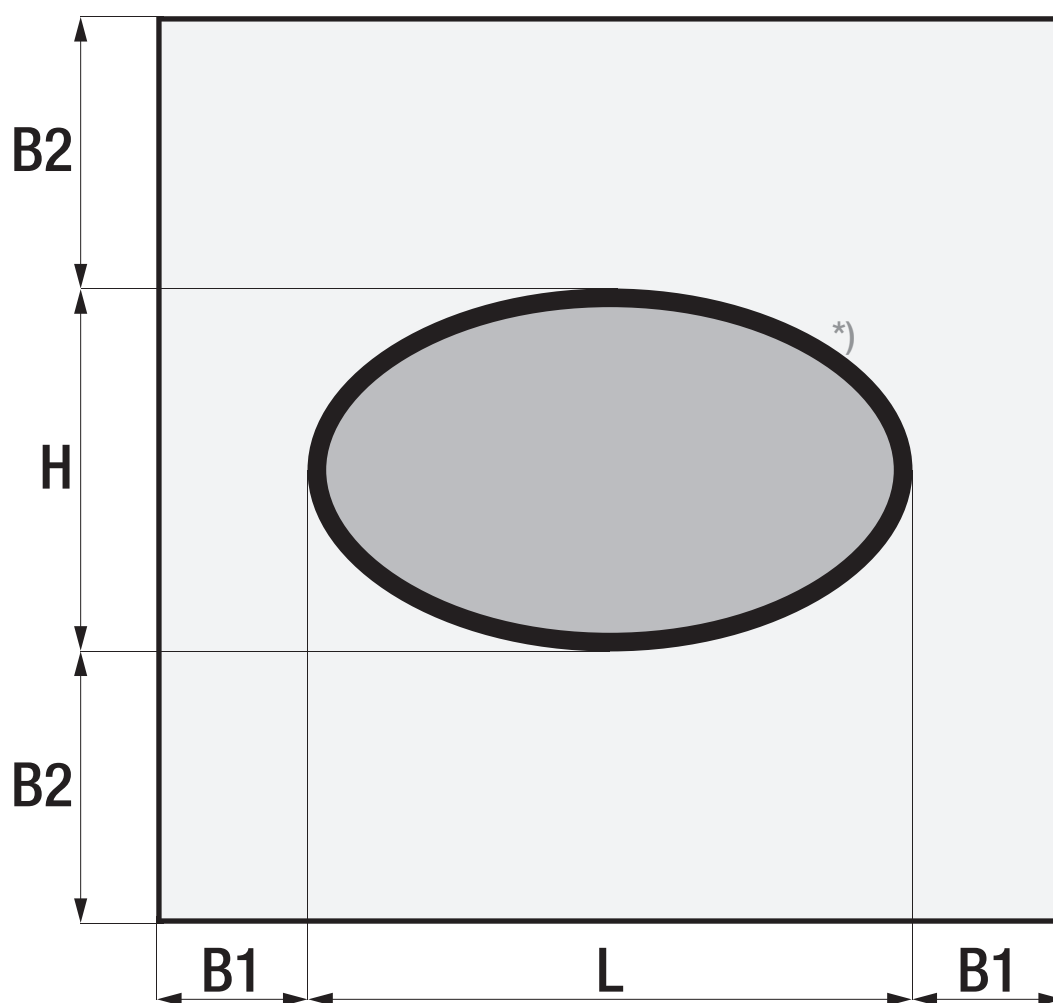
# 50

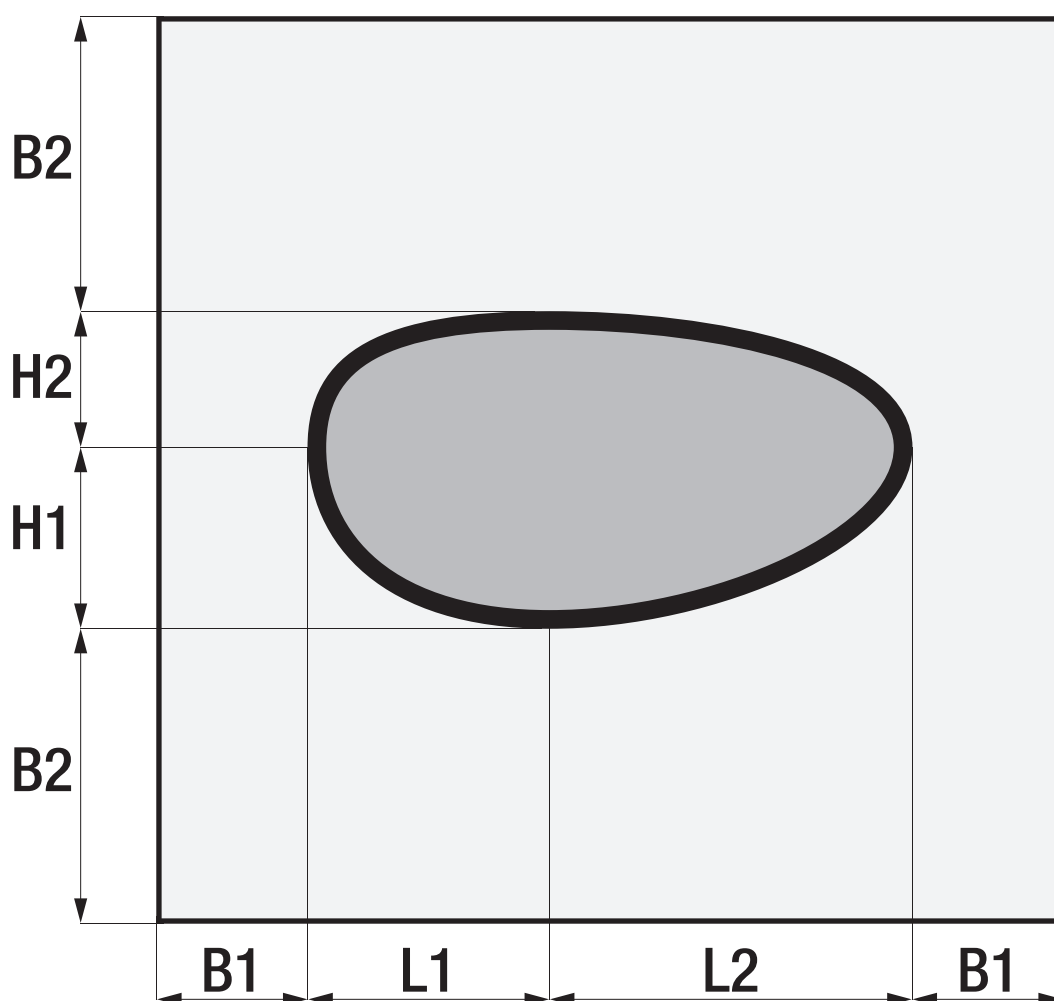






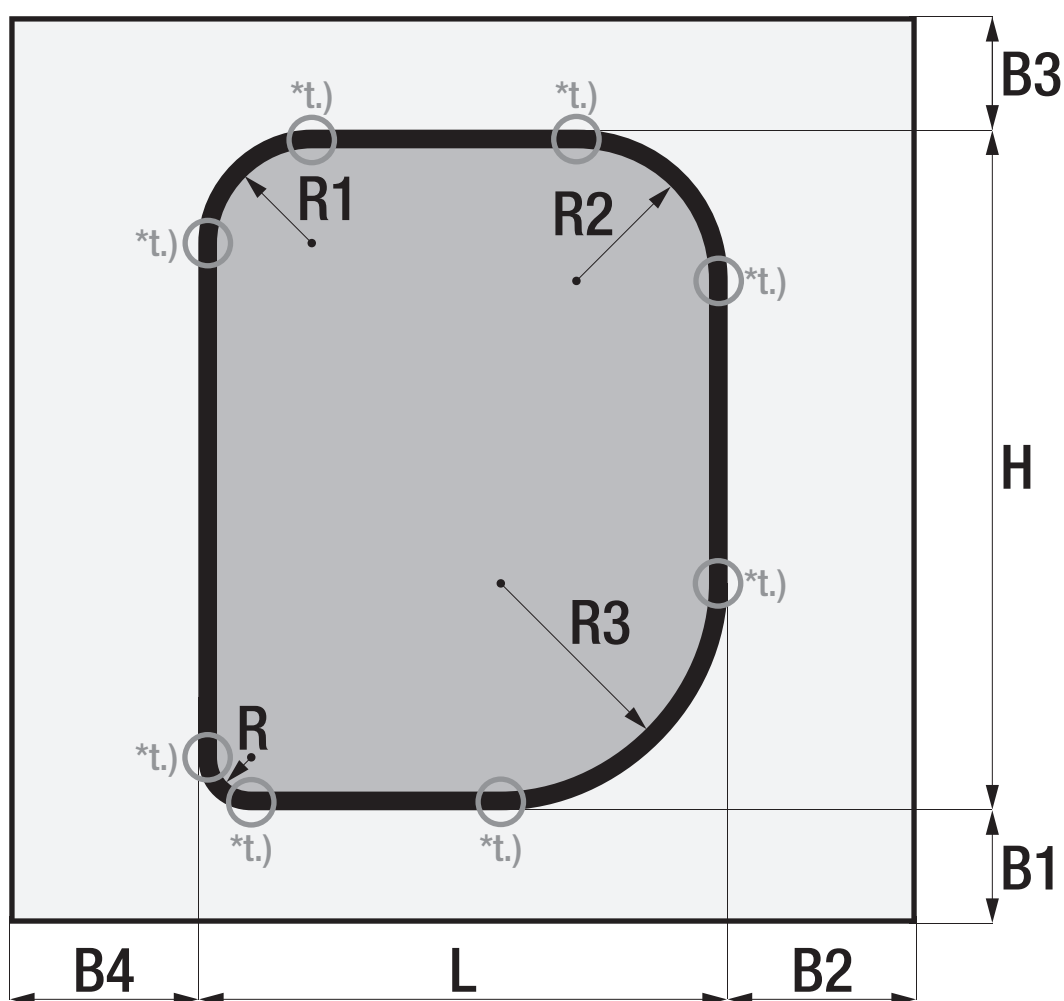
\*) Ellipse





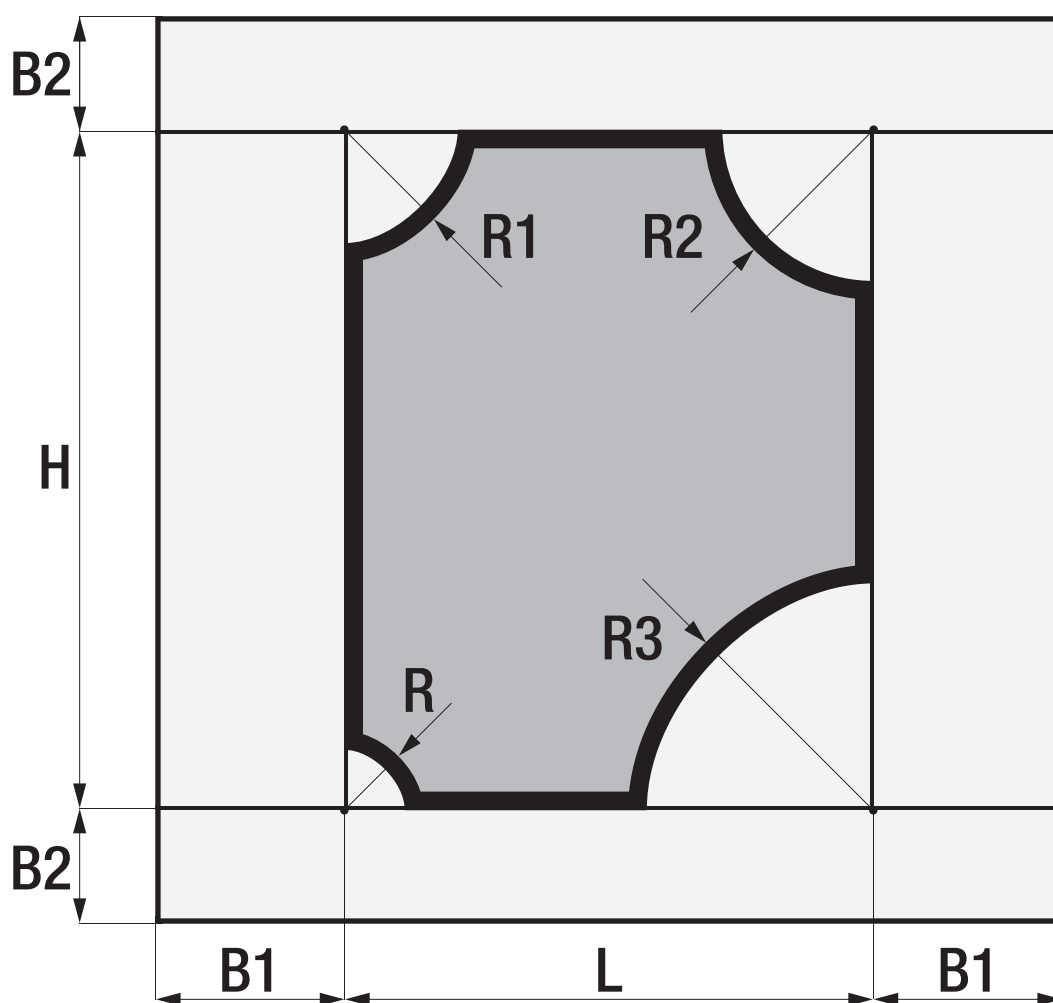


\*t.) tangential

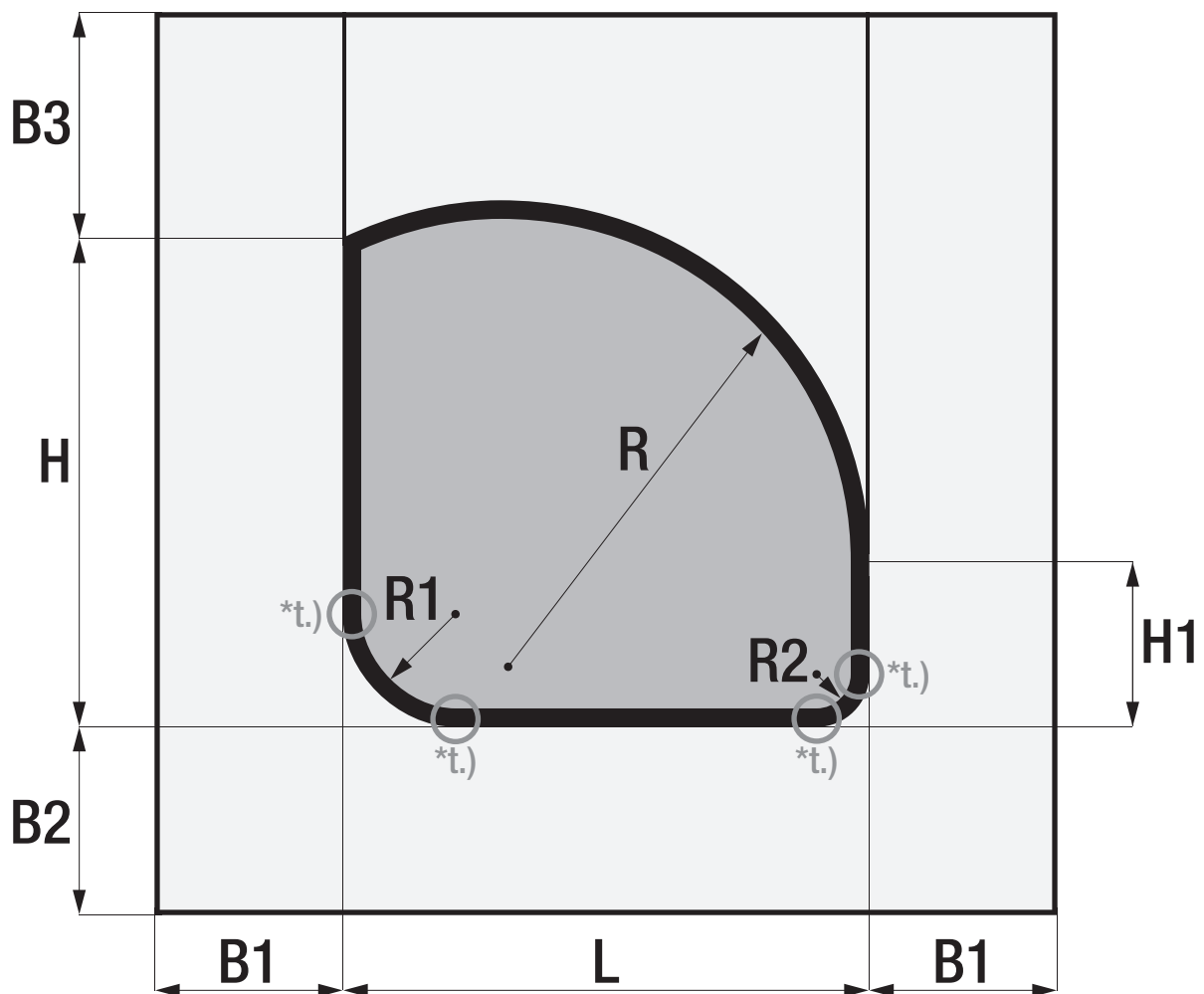


- Glass Cutting ☒
- Frame Bending ☐
- Shape Sealing ☐
- Shape Gas Filling ☒
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☒

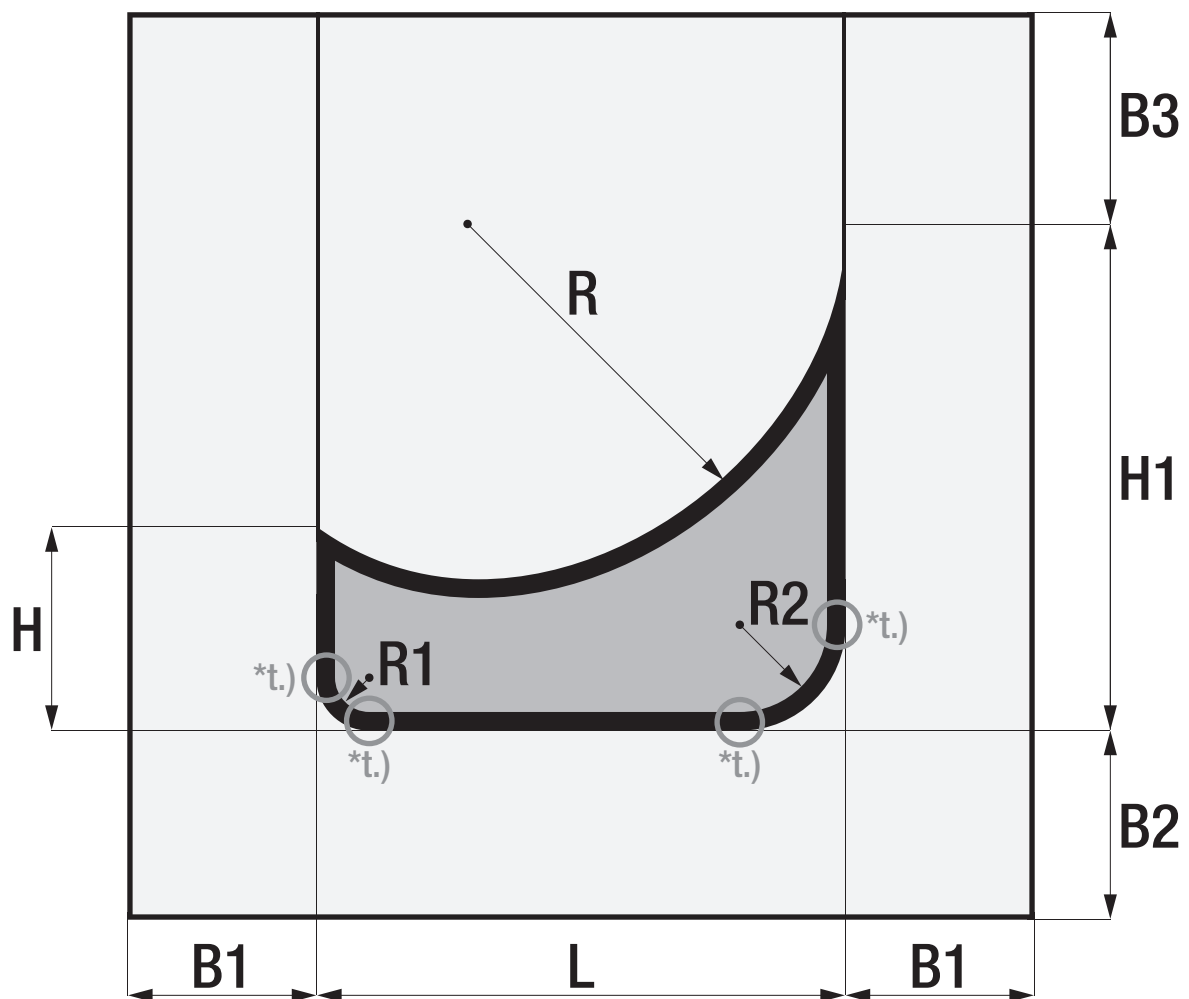
Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

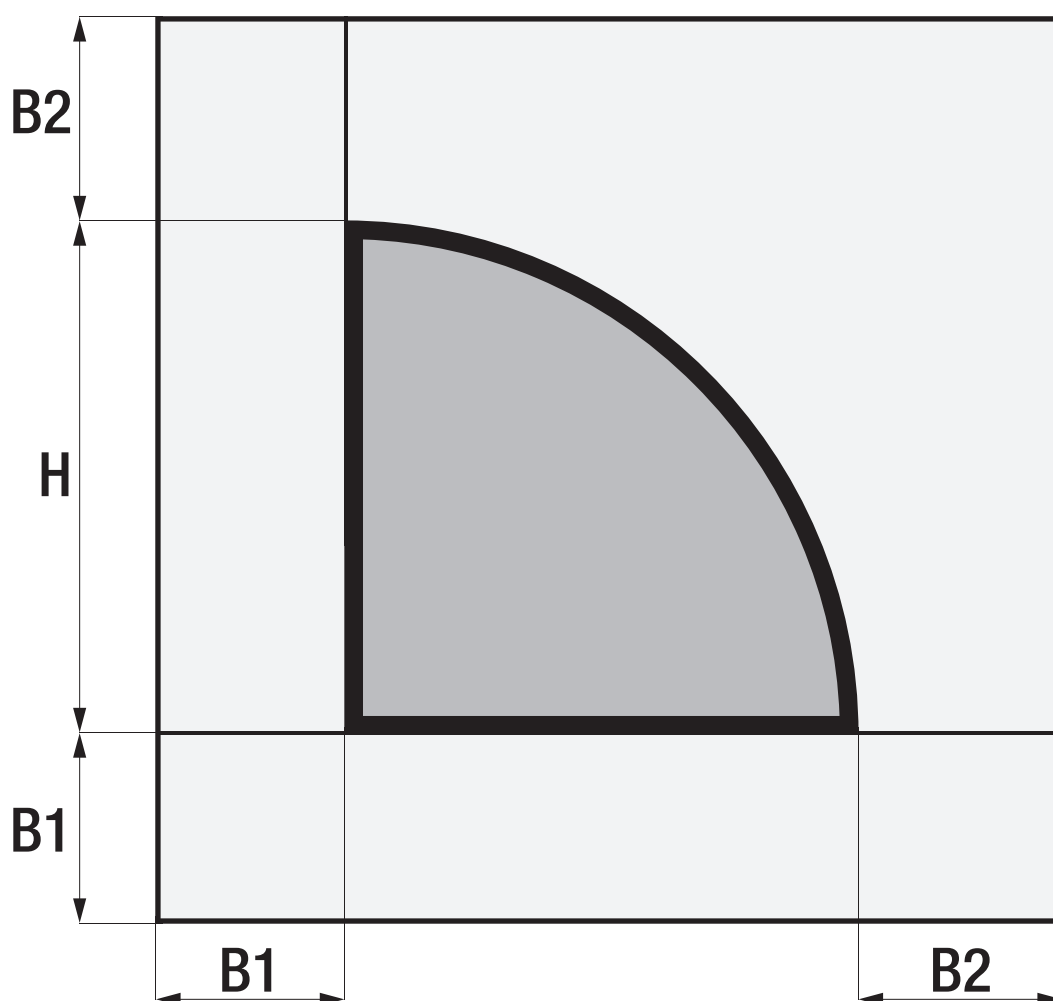


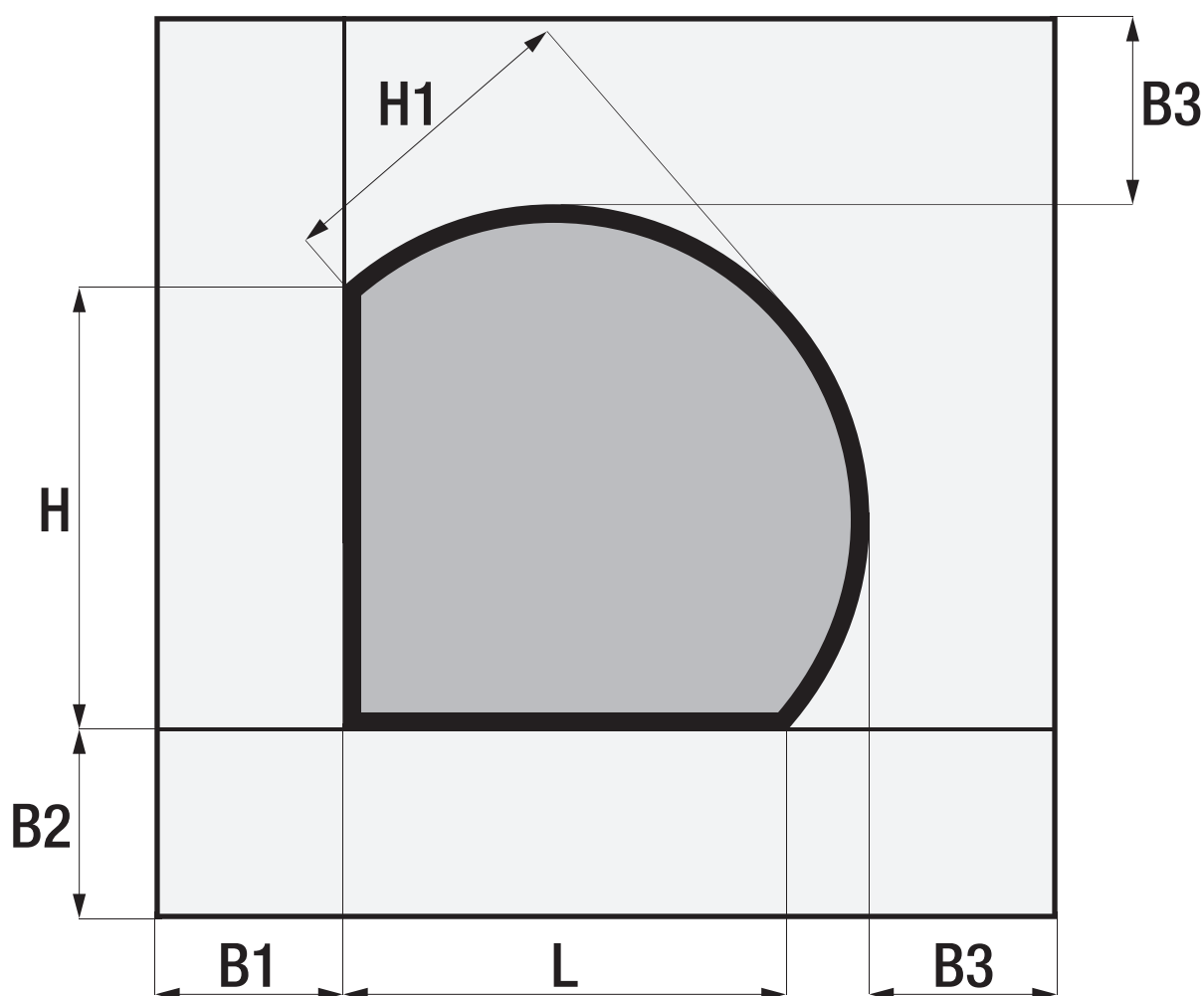
\*t.) tangential

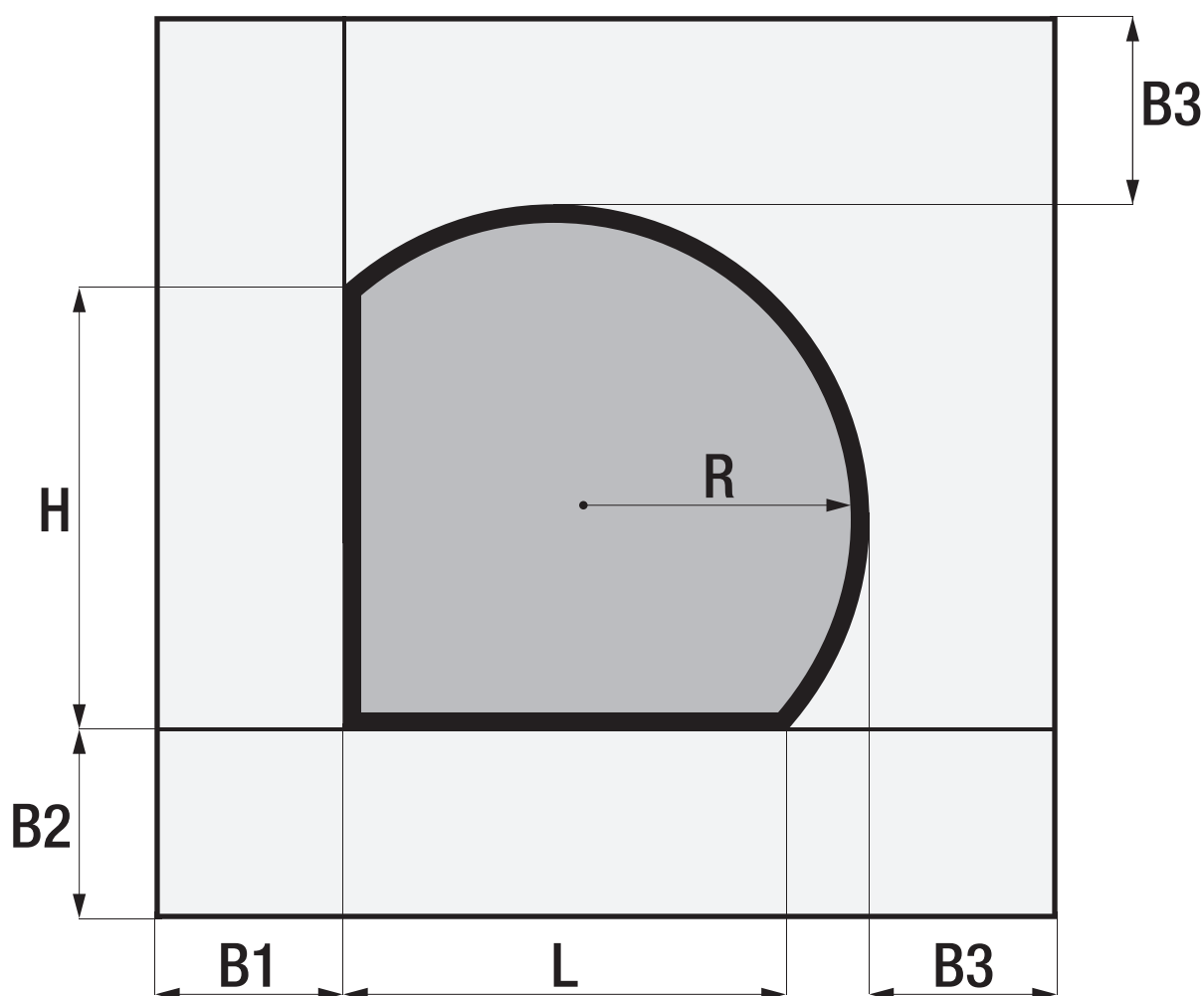


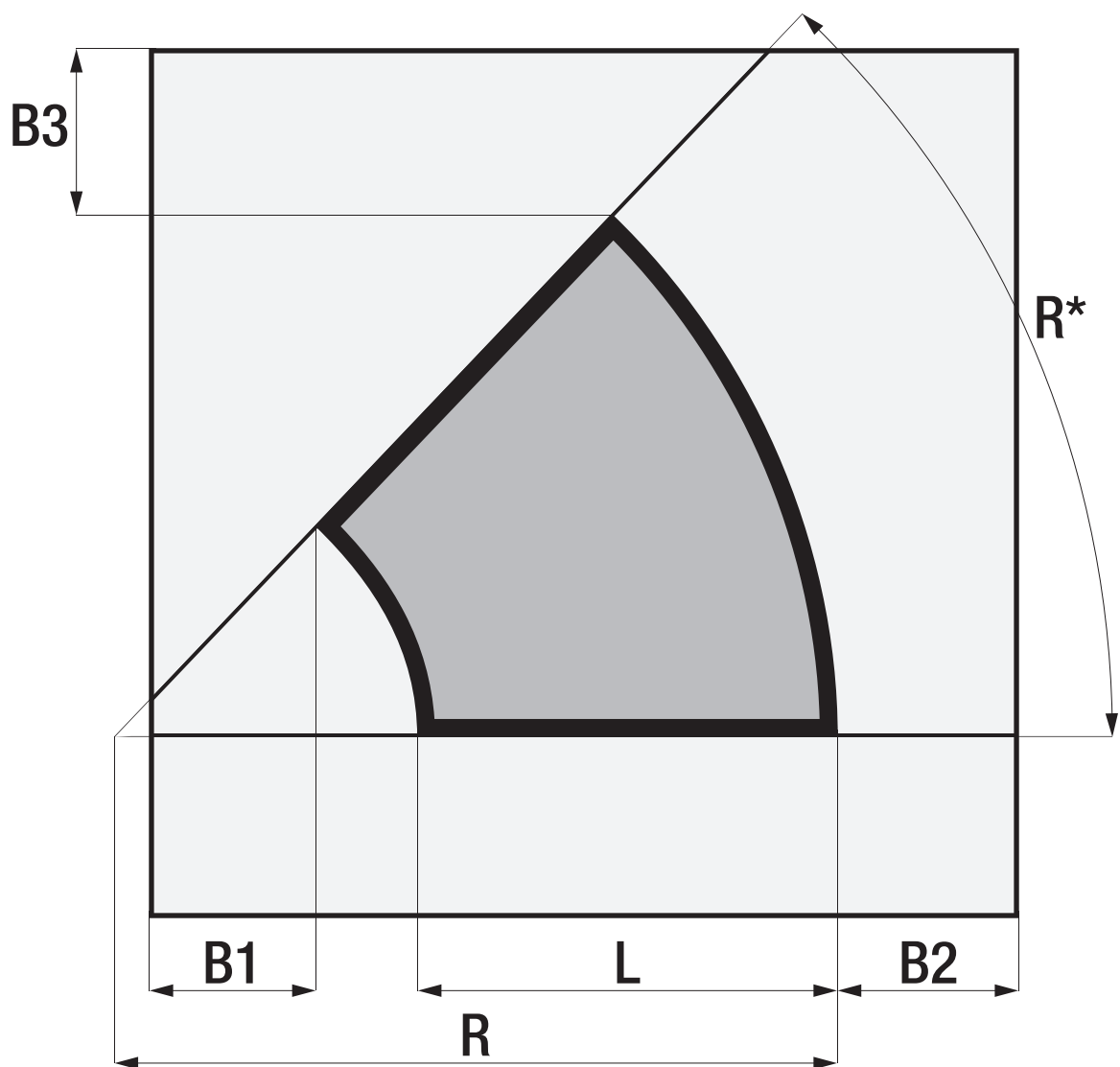
\*t.) tangential











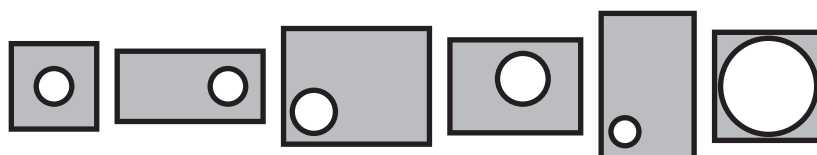
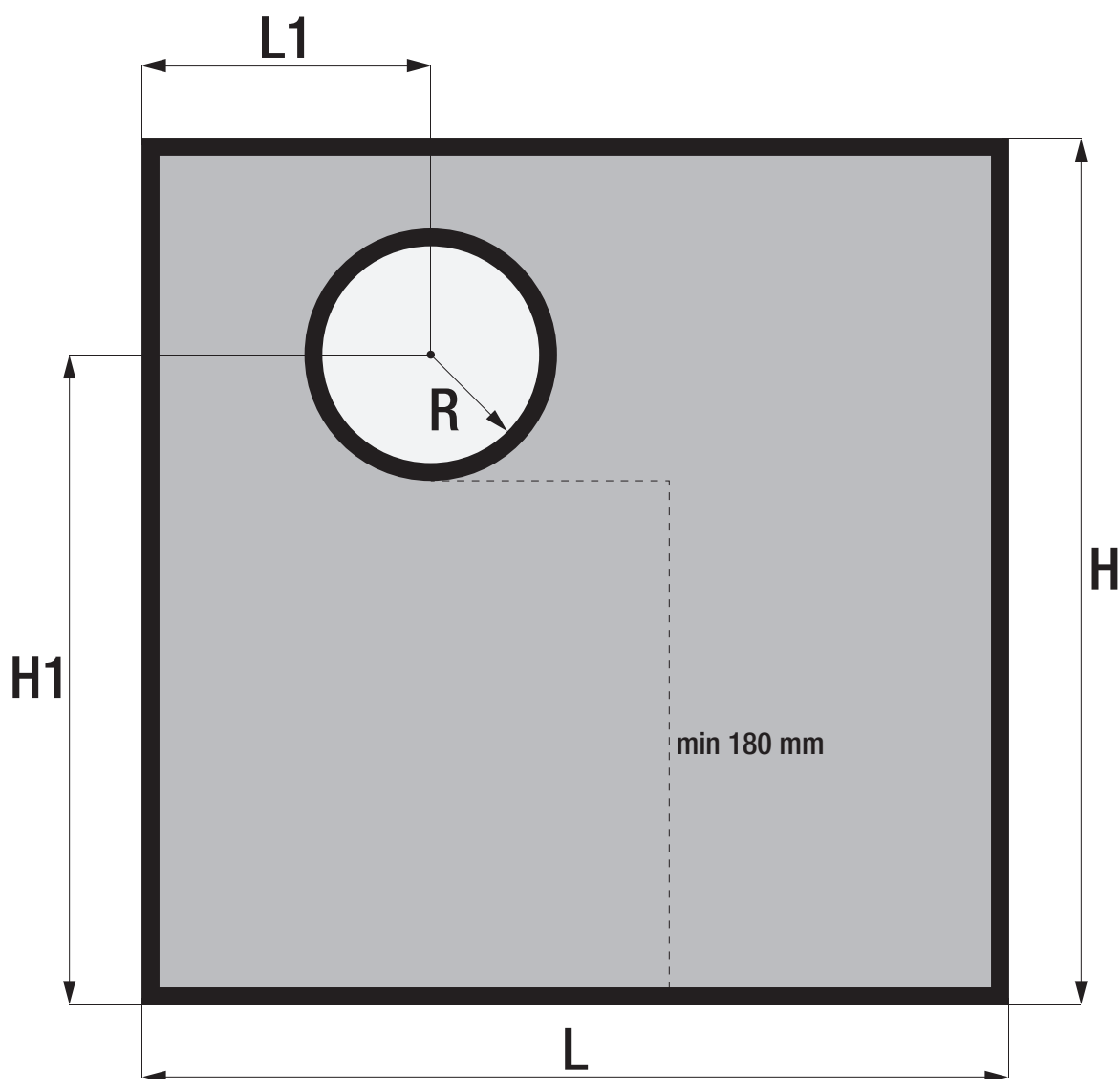
\*) Angle to whole degree



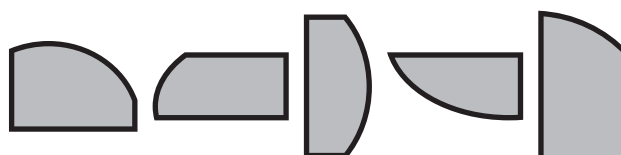
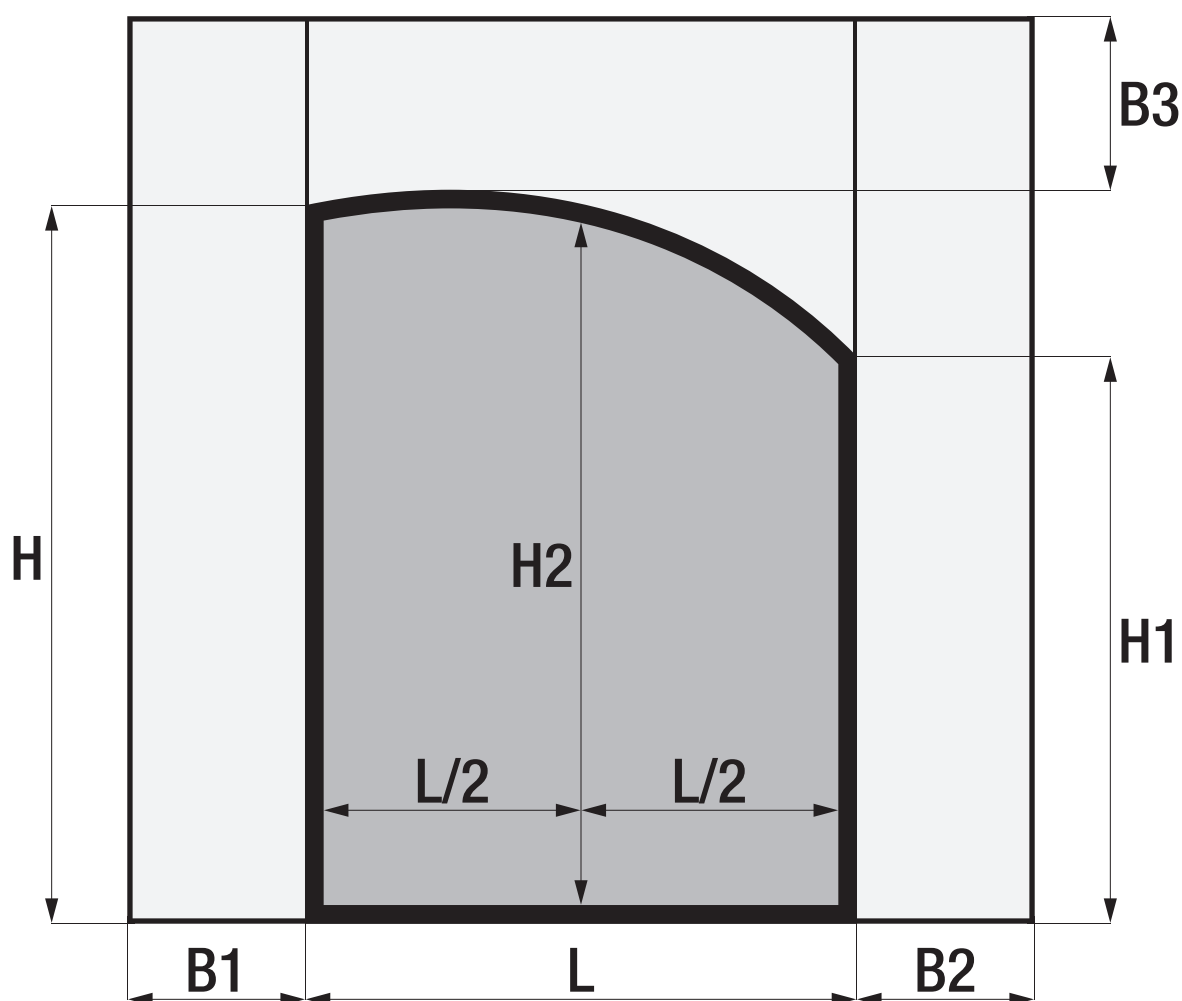


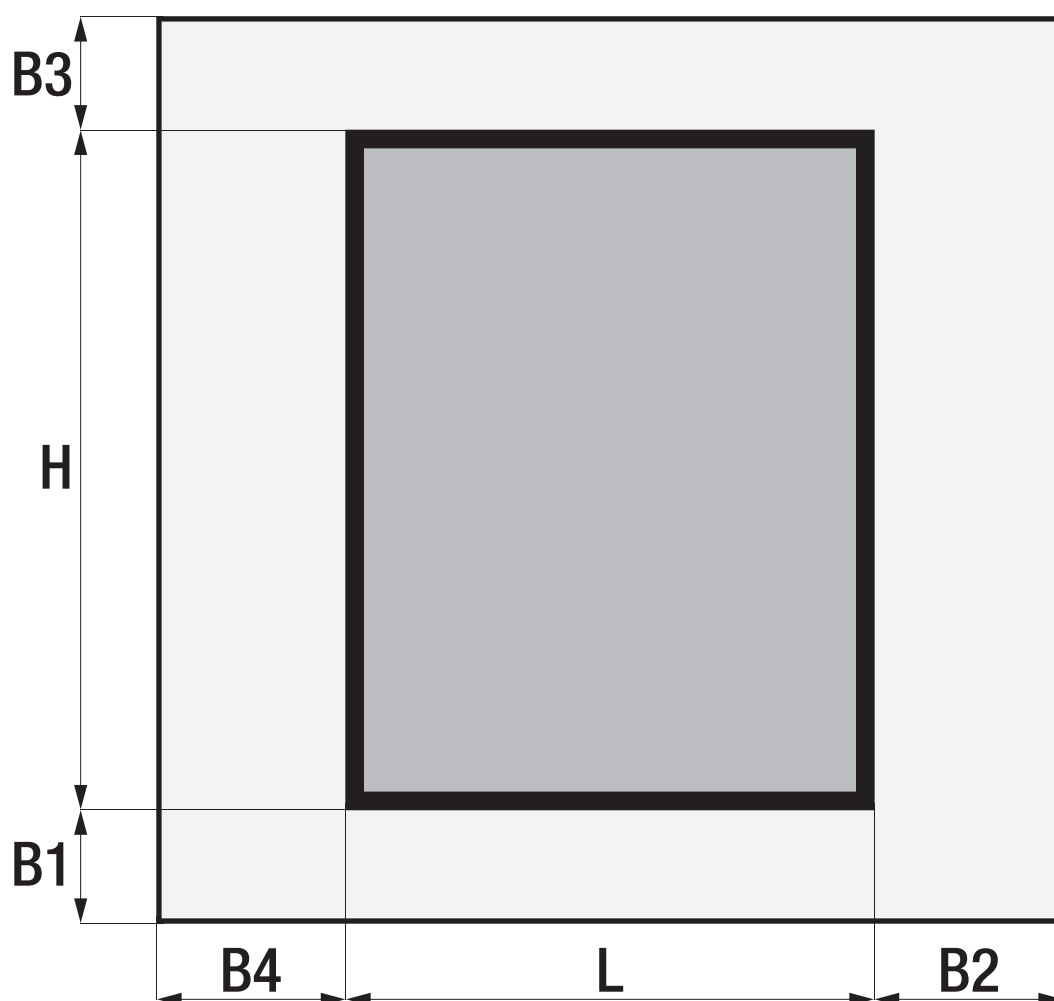
- Glass Cutting ☒
- Frame Bending ☐
- Circle will not be sealed ☒
- Shape Sealing ☒
- Shape Gas Filling ☒
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

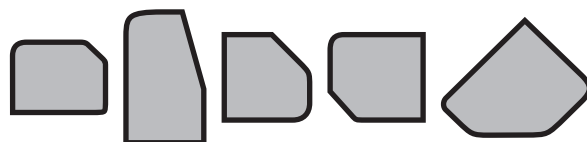
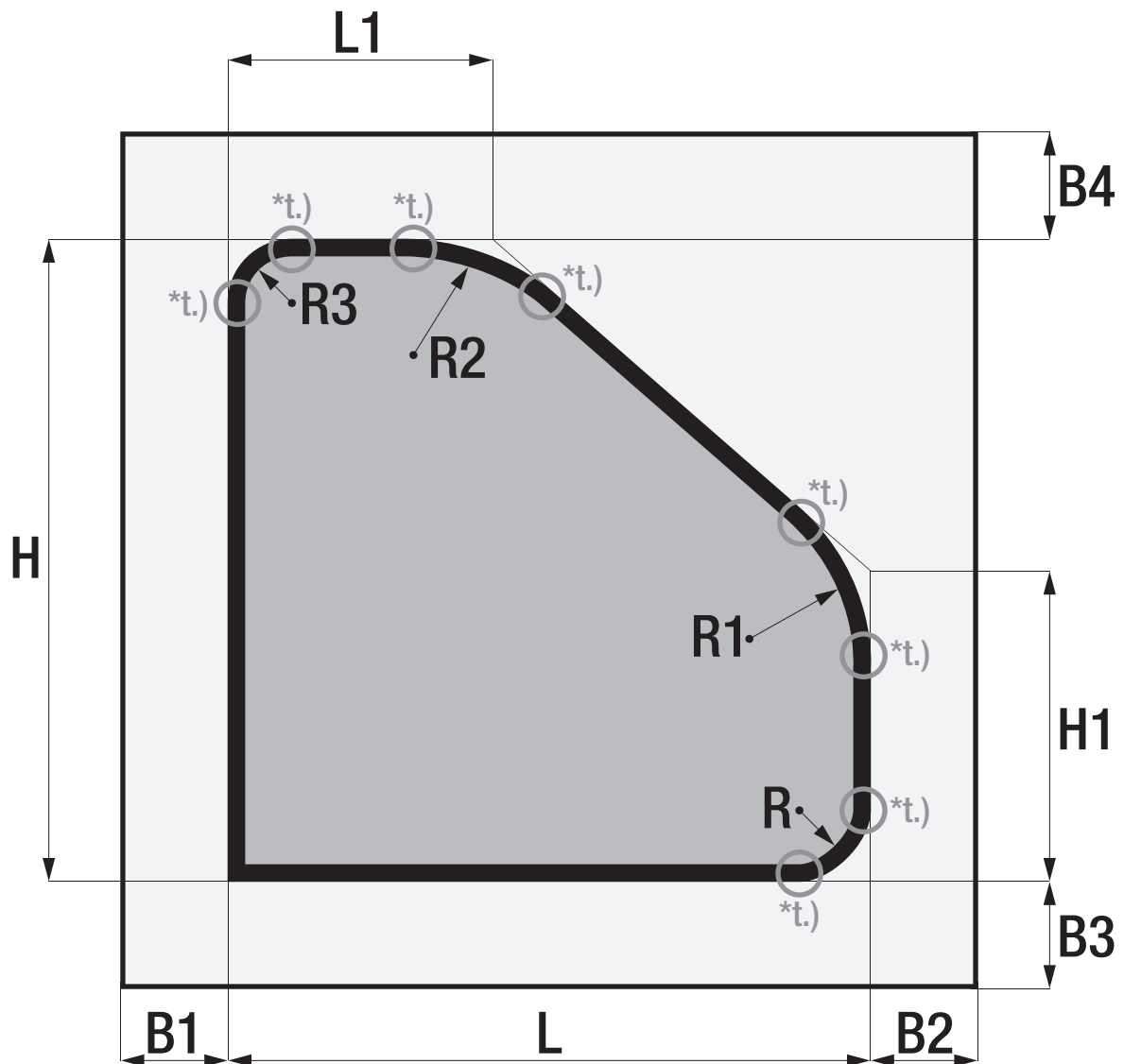


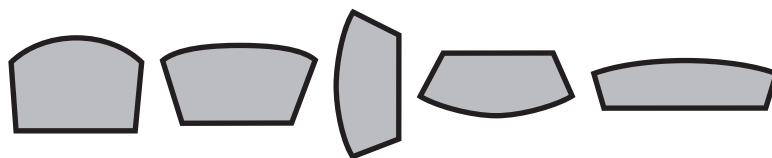
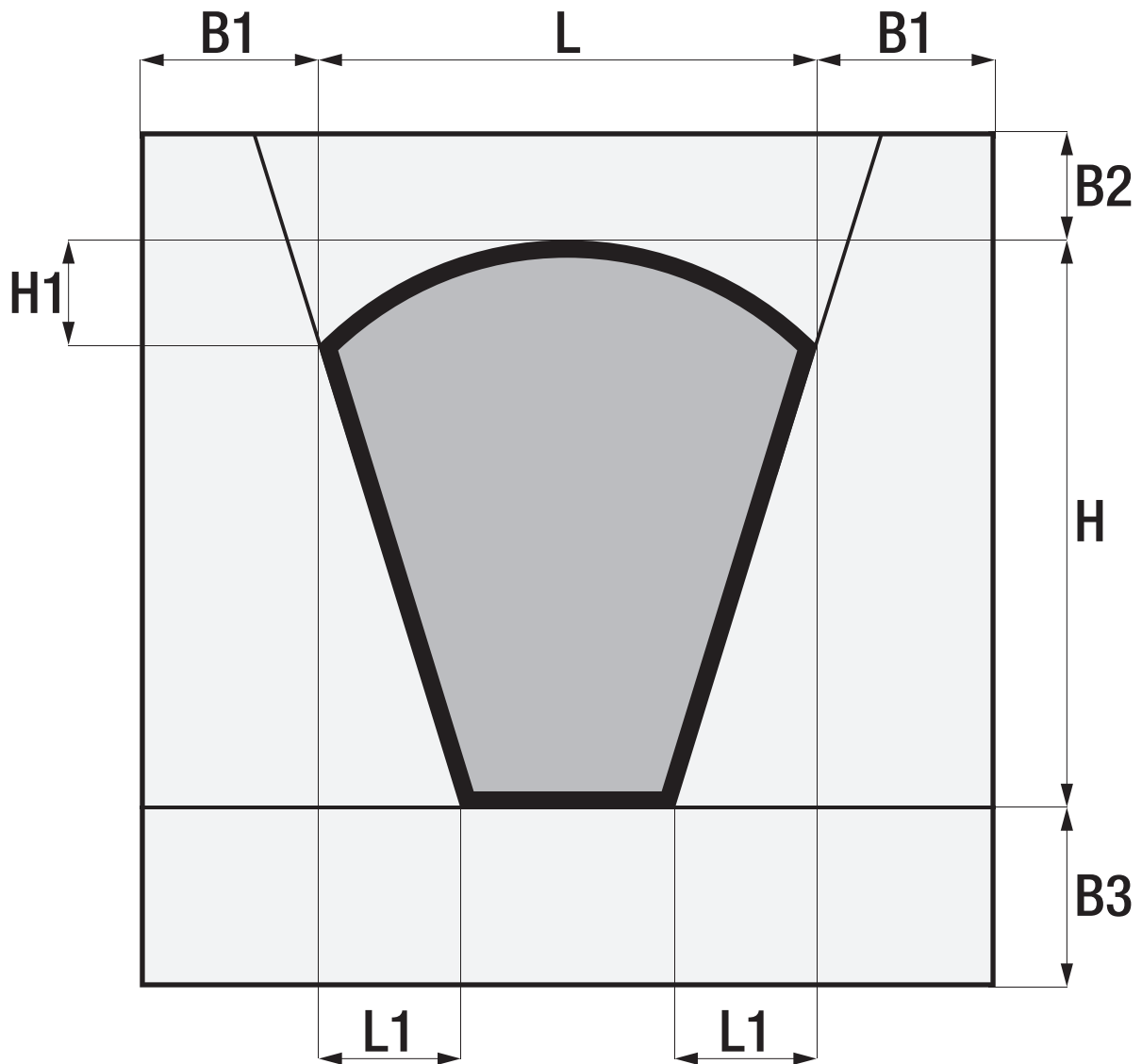
- Glass Cutting ☒
- Frame Bending ☐
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☒
- KSR ☒
- KBU / KBF / KSU ☒
- TPA ☒



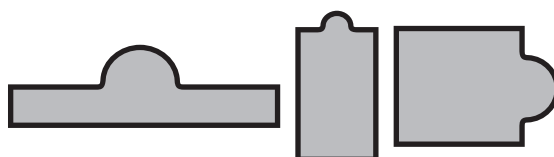
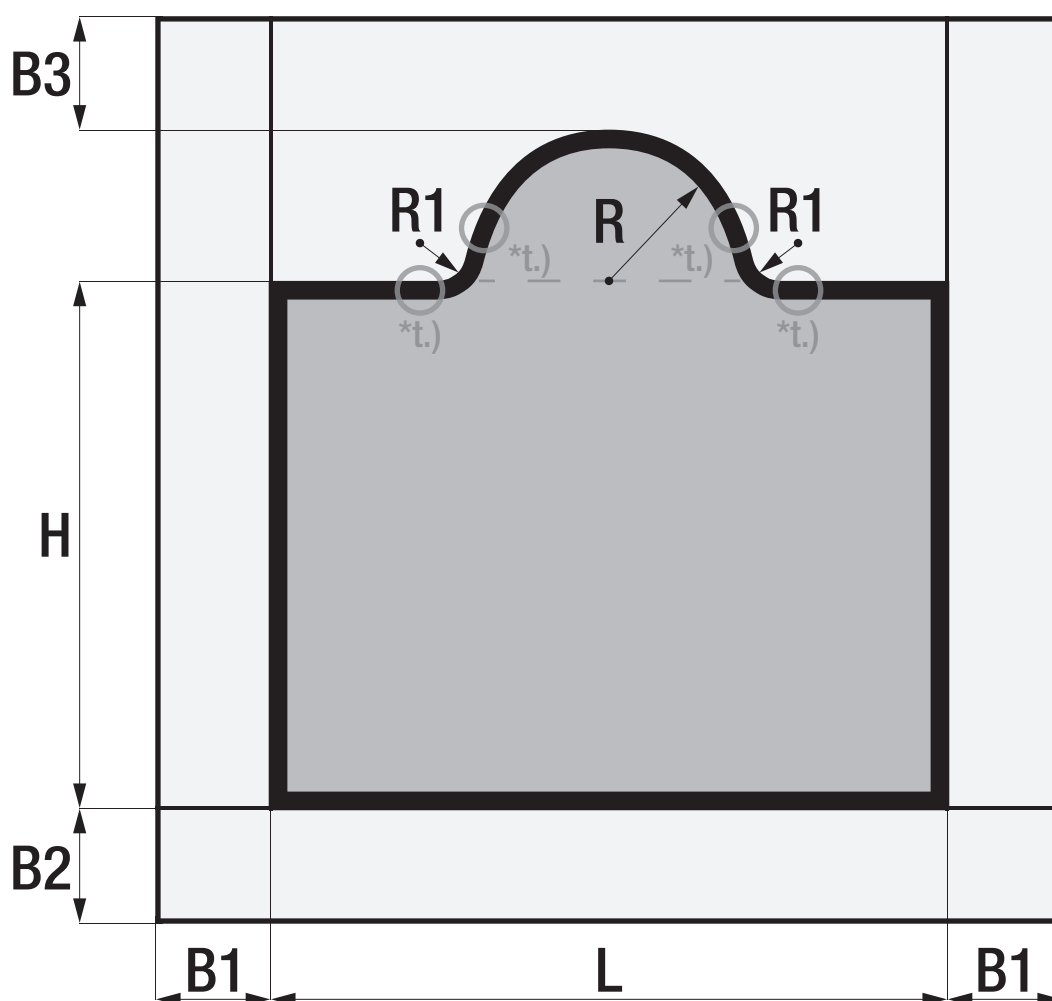


\*t.) tangential

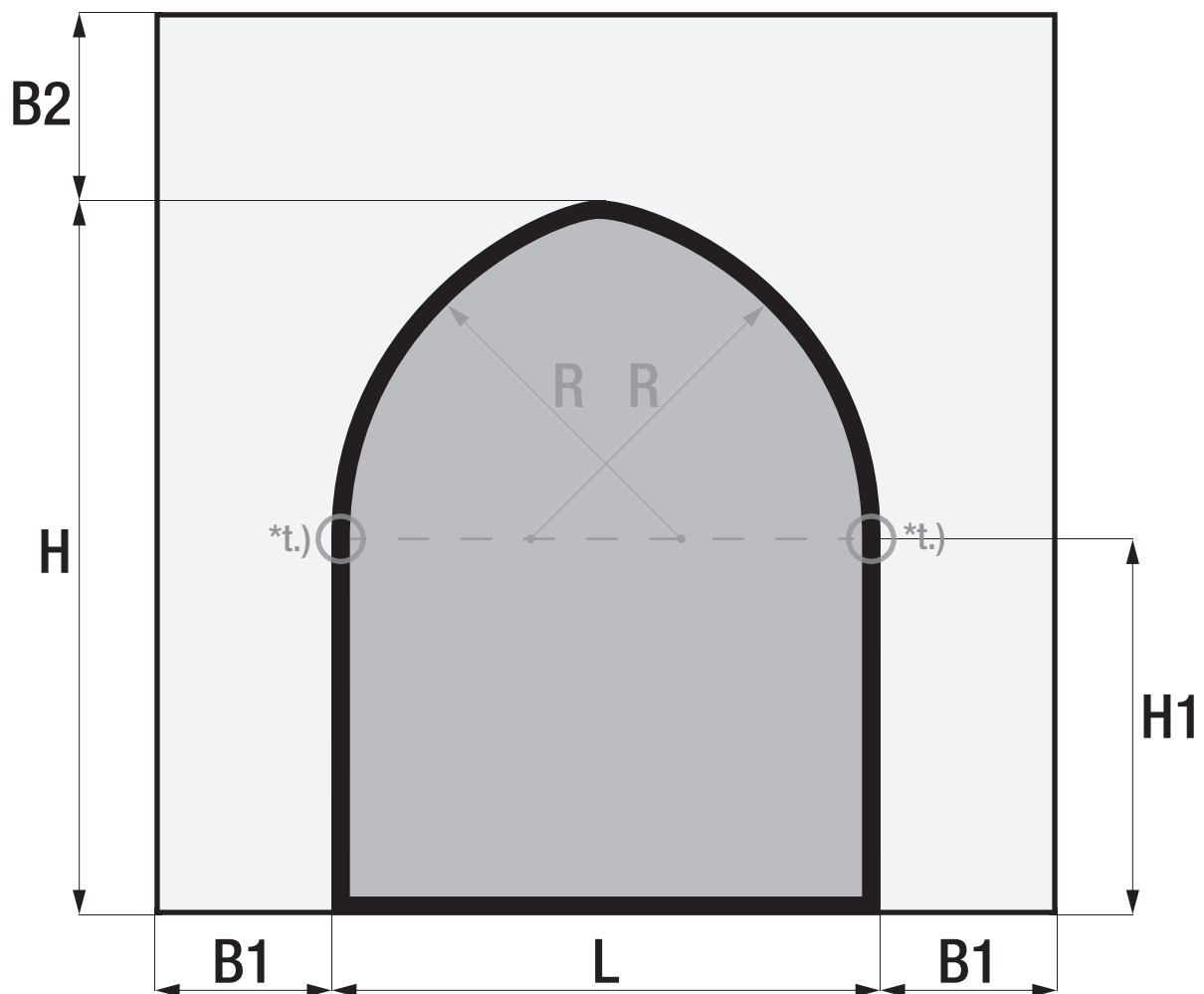


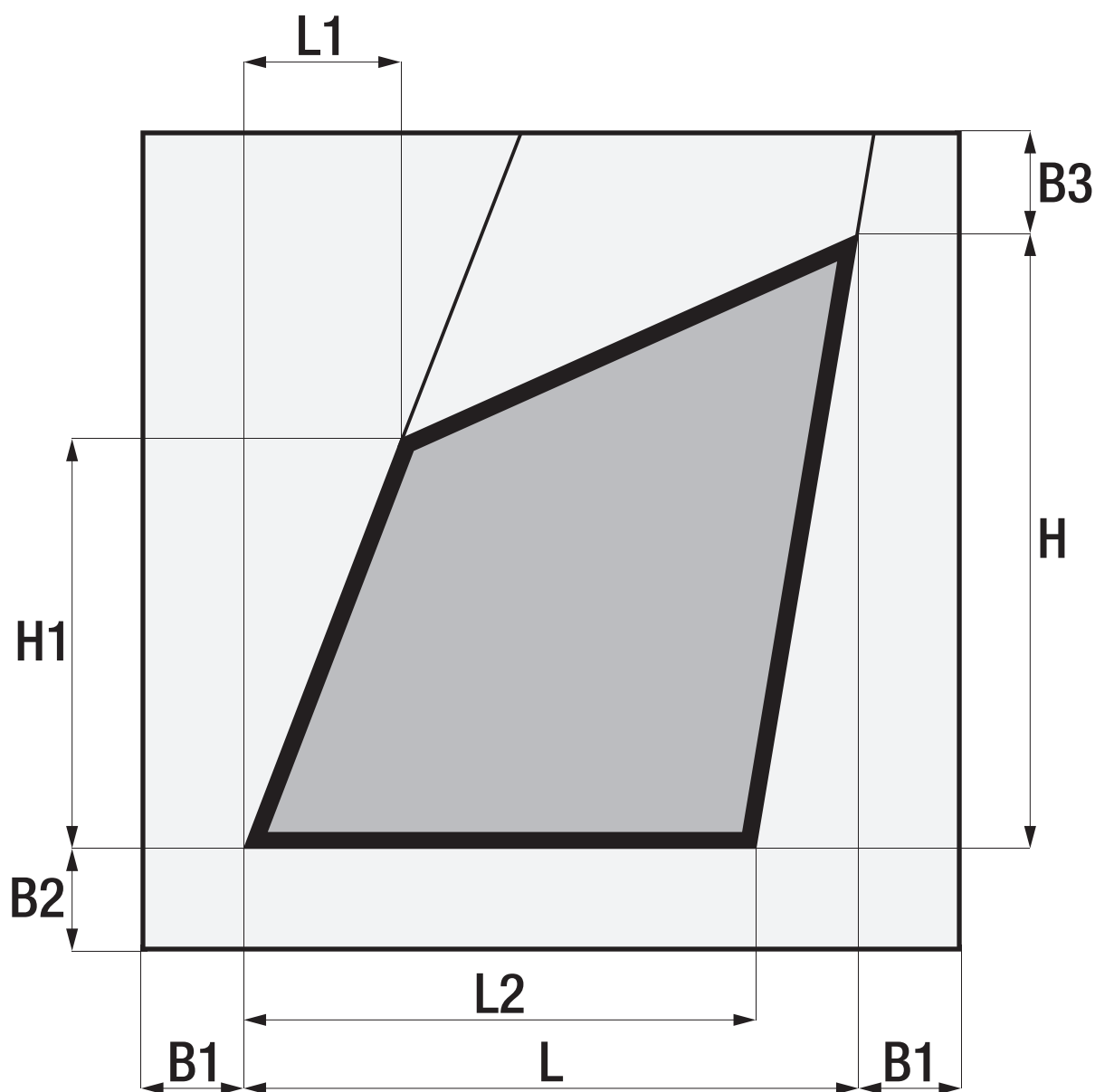


\*t.) tangential

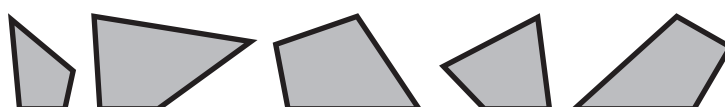
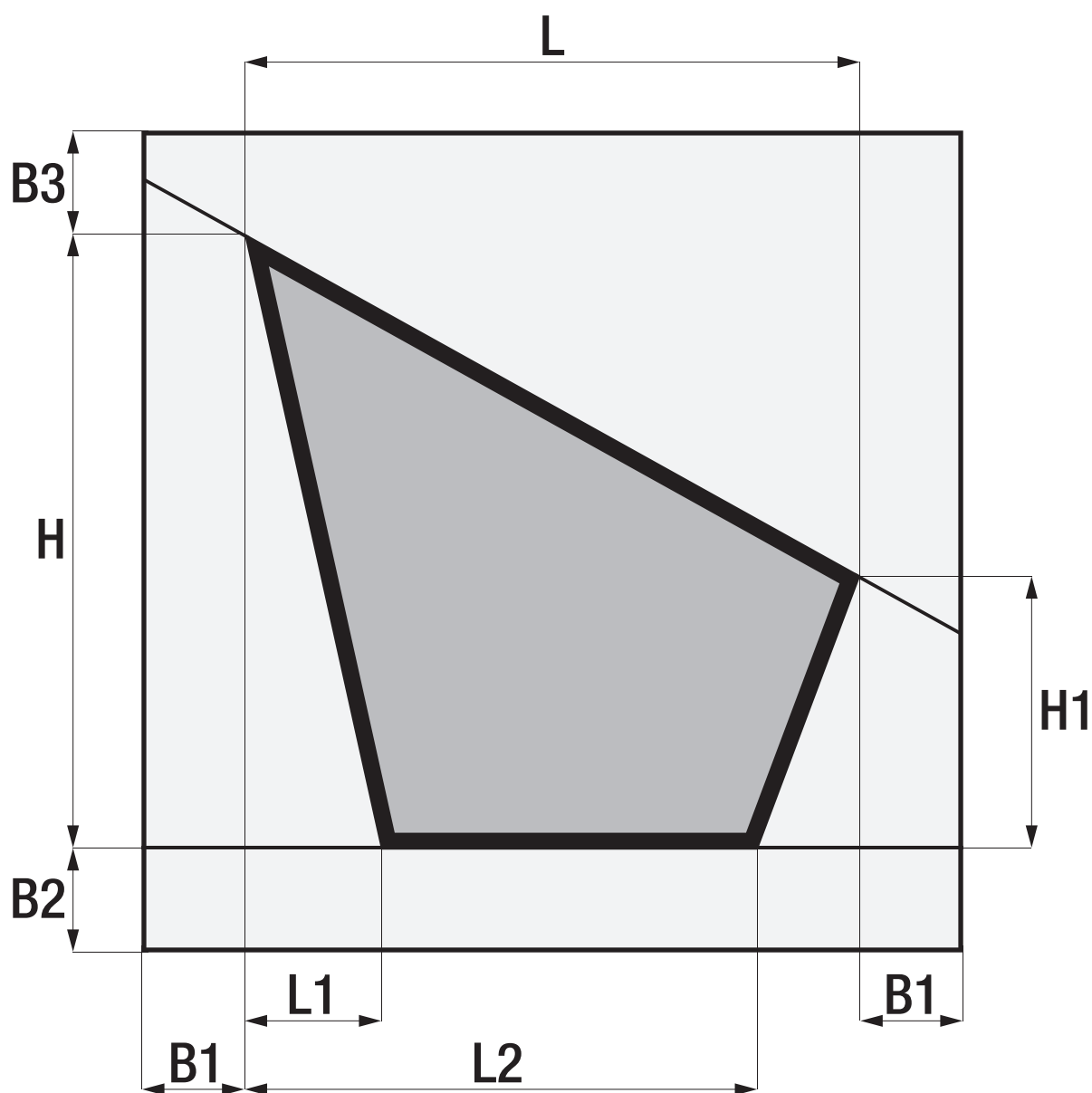


\*t.) tangential







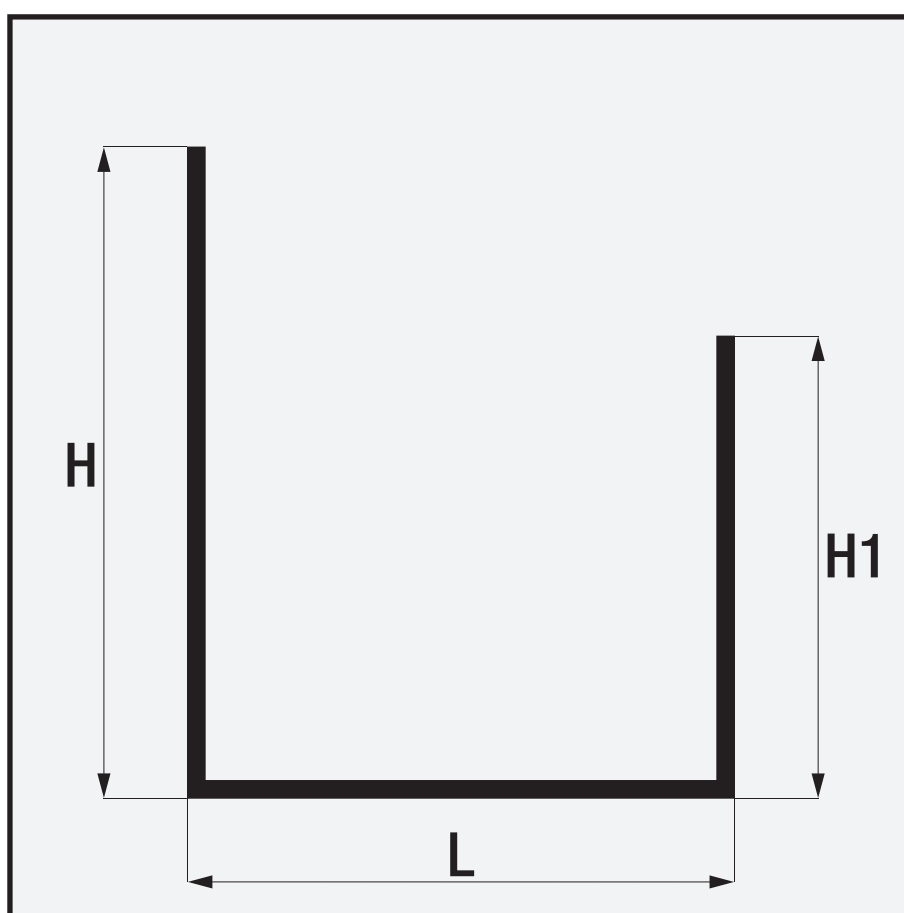


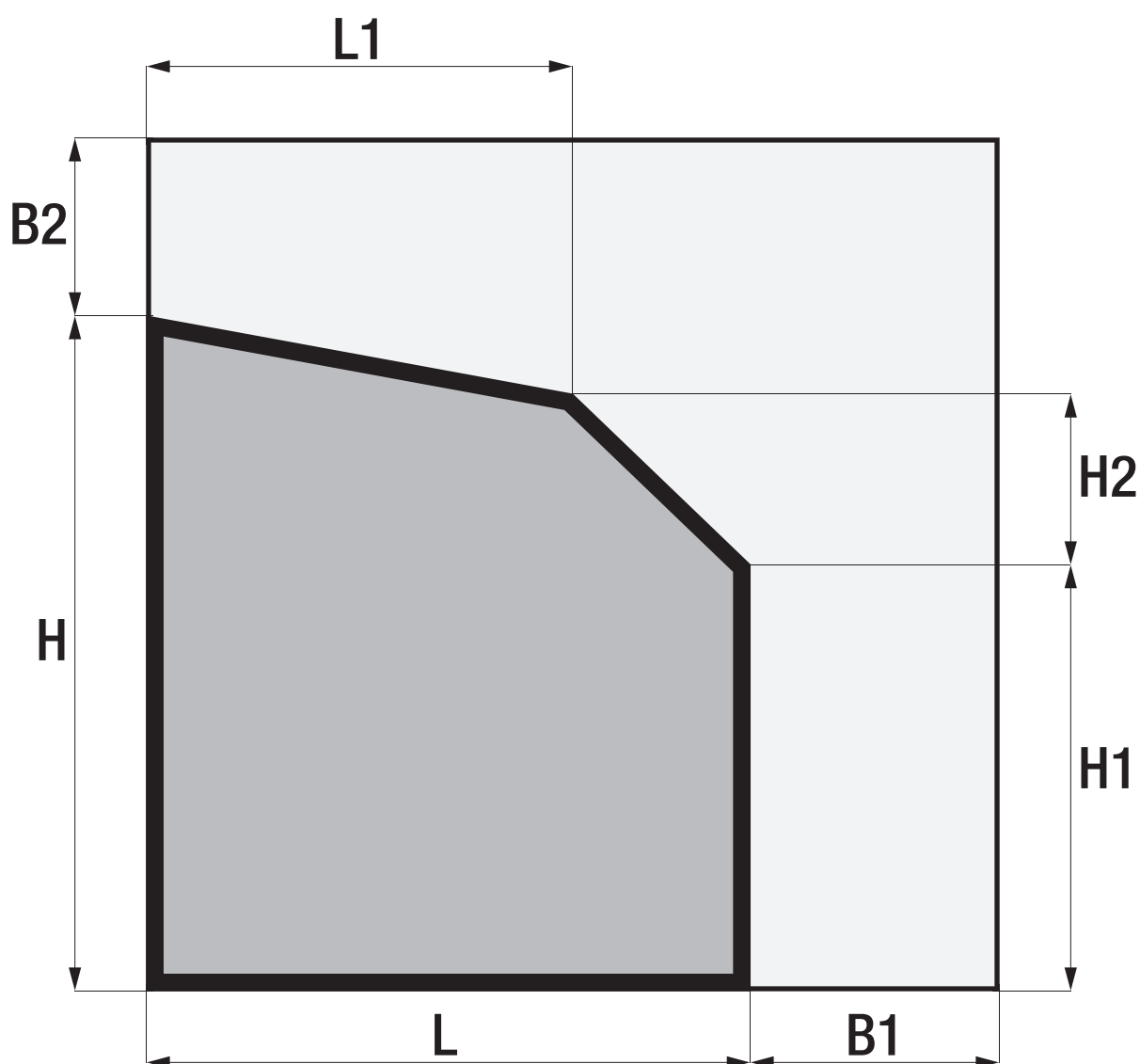
- Glass Cutting ☐
- Frame Bending ☒
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

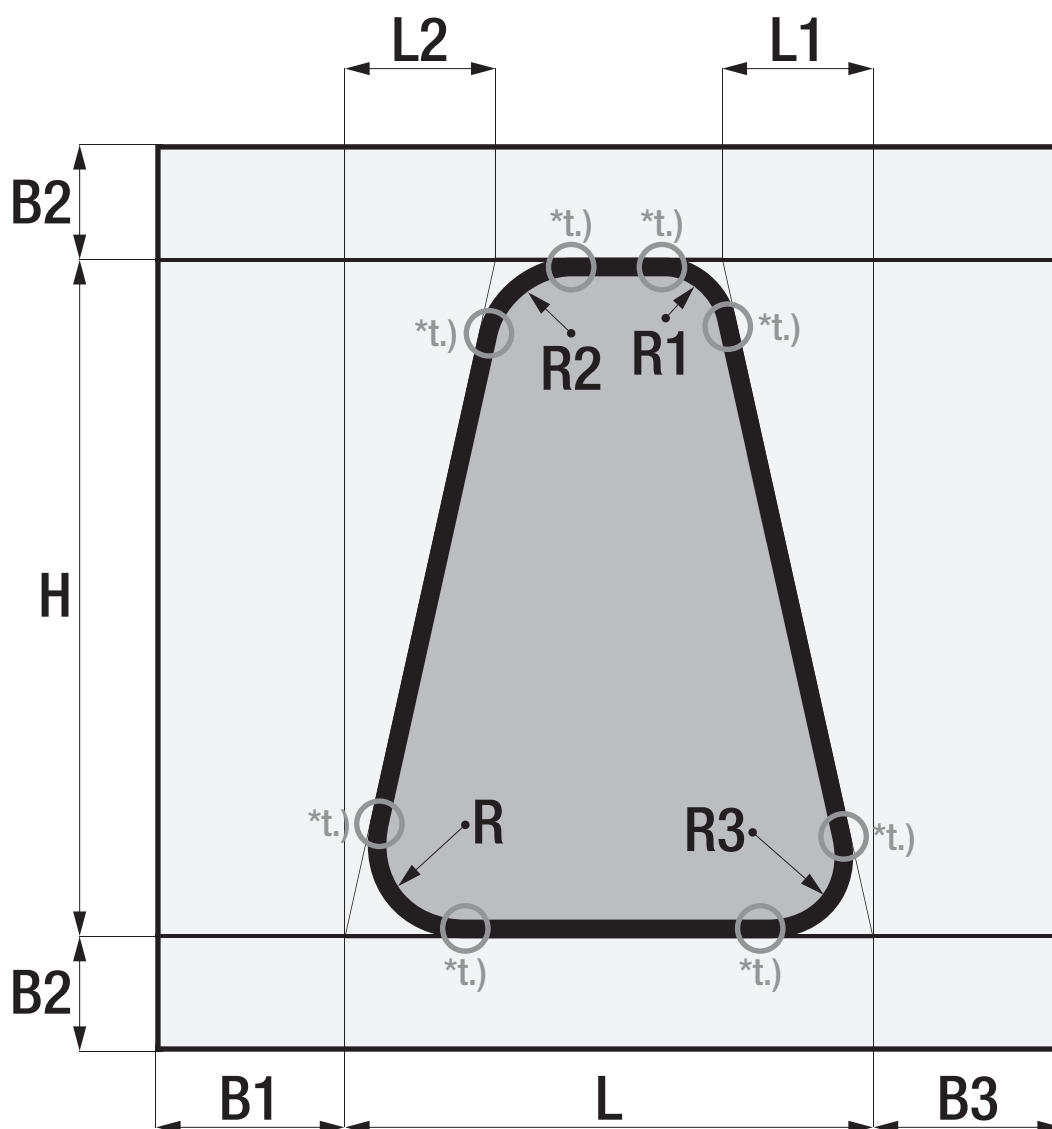
## Shape

# 80

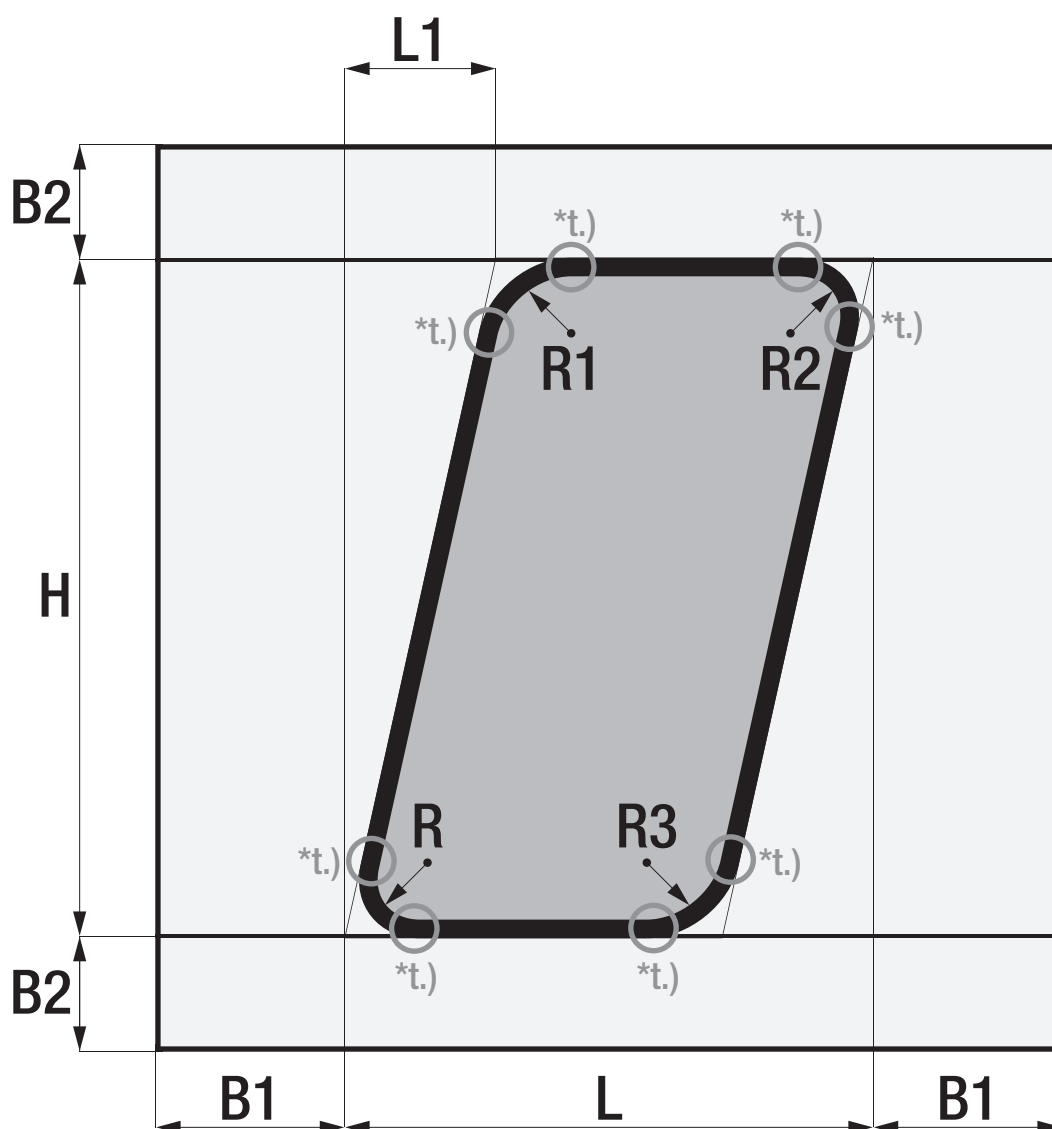




\*t.) tangential



\*t.) tangential



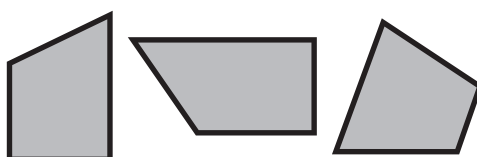
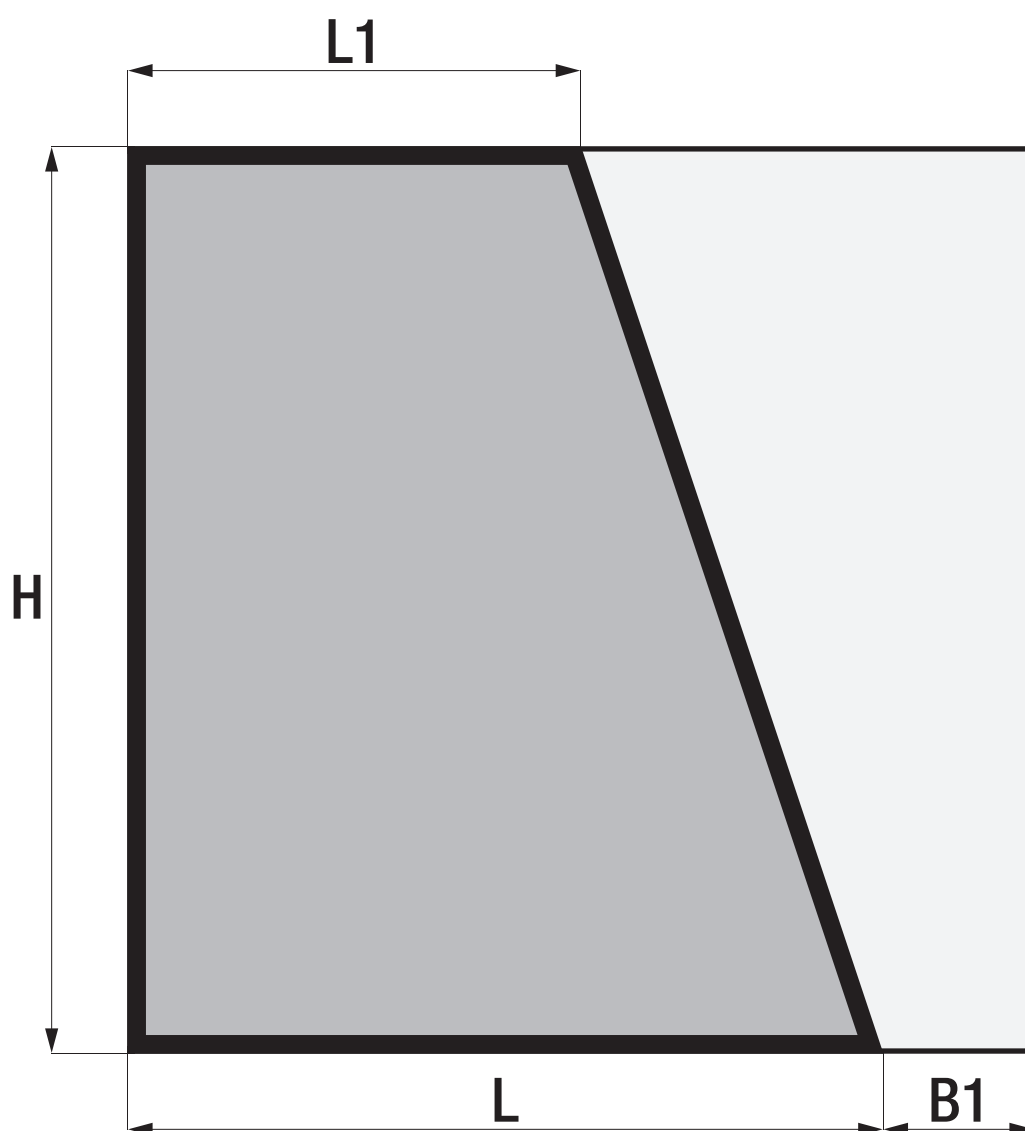
# LiSEC

Glass Cutting ✓  
Frame Bending ✓  
Shape Sealing ✓  
Shape Gas Filling ✓  
VSA ✓  
KSR ✓  
KBU / KBF / KSU ✓  
TPA ✓

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

## Shape

# 510



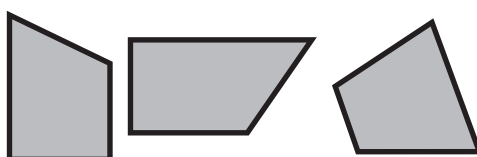
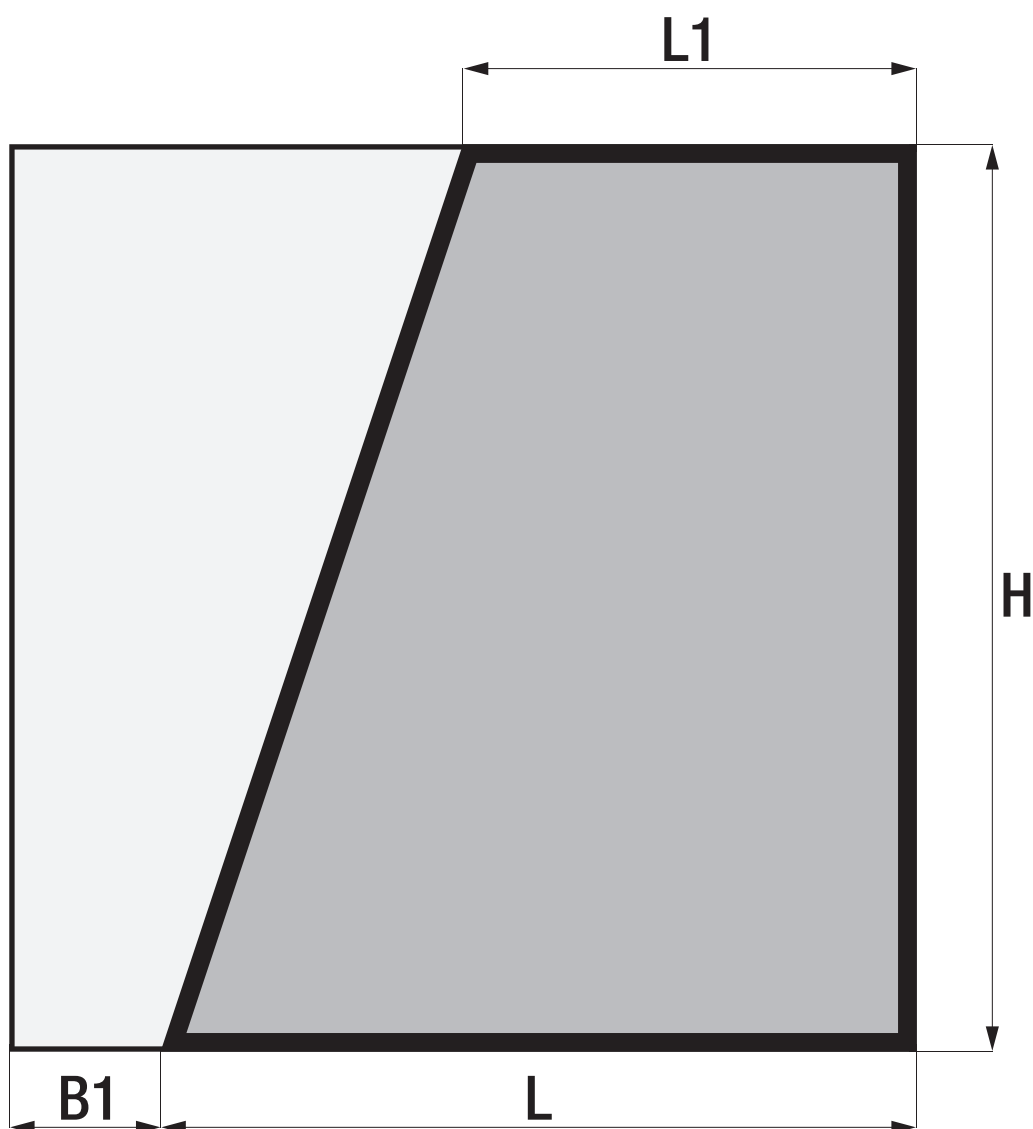
# LiSEC

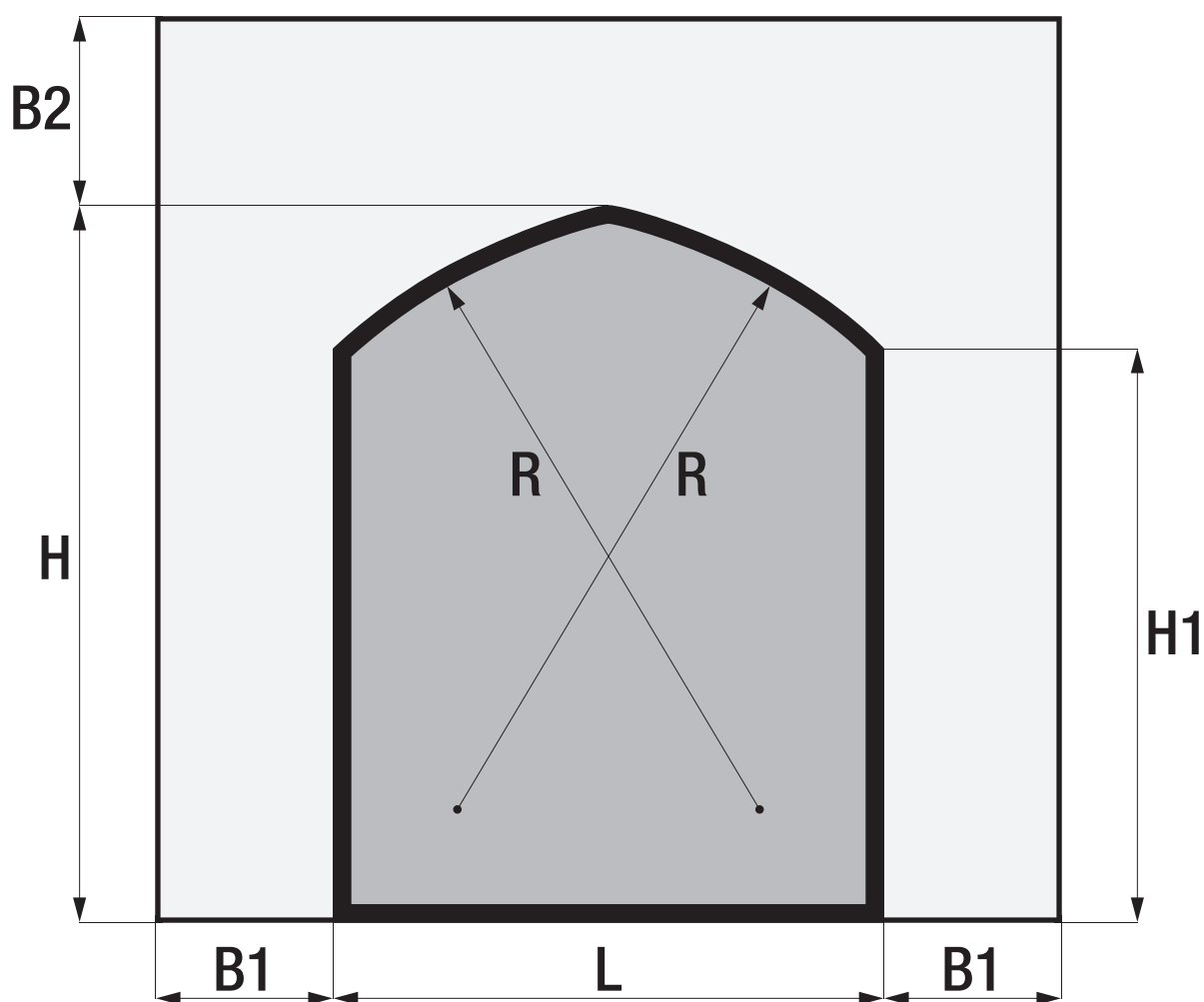
- Glass Cutting ✓
- Frame Bending ✓
- Shape Sealing ✓
- Shape Gas Filling ✓
- VSA ✓
- KSR ✓
- KBU / KBF / KSU ✓
- TPA ✓

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

## Shape

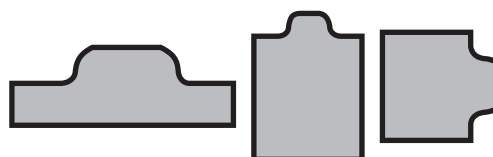
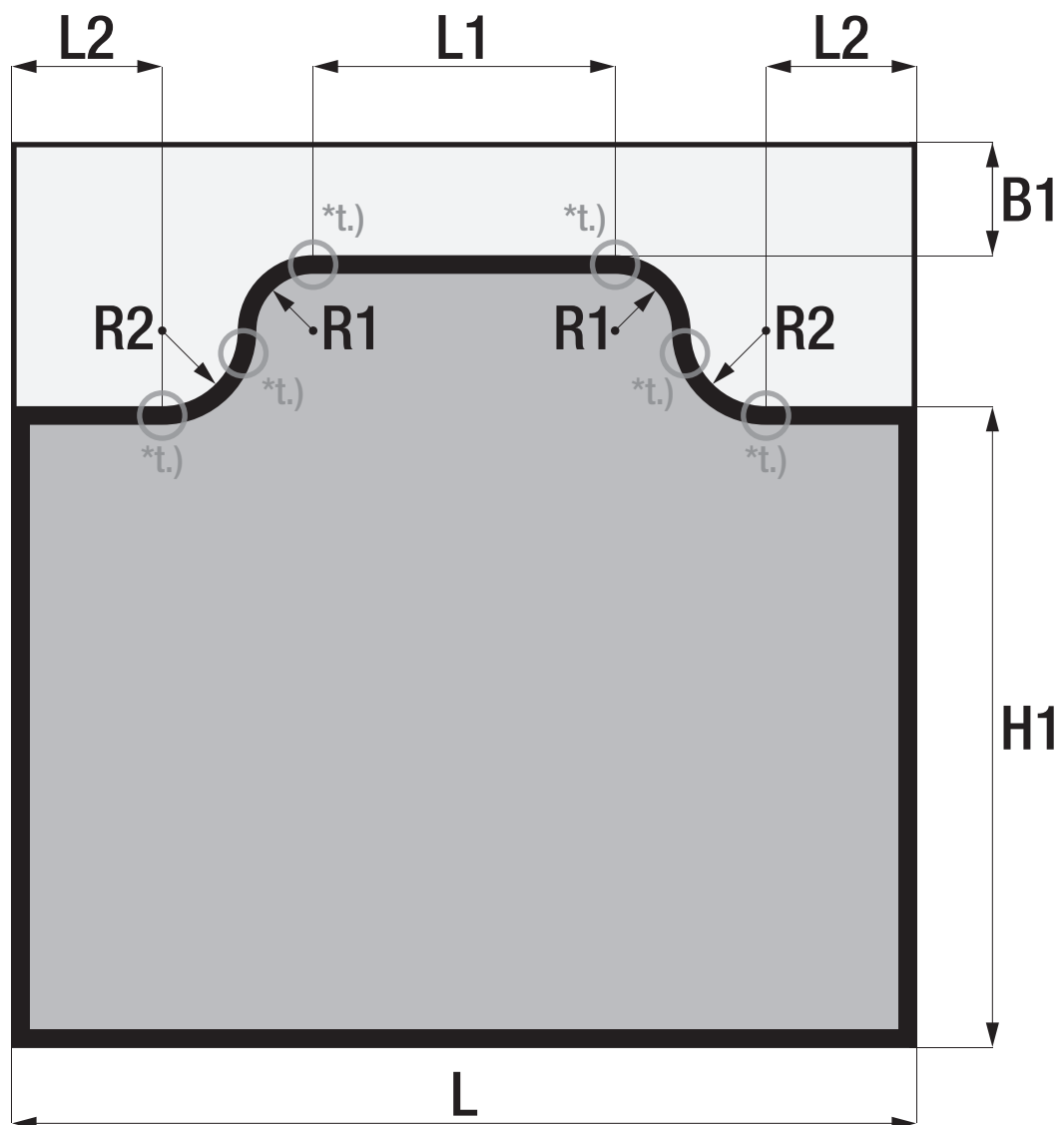
# 511

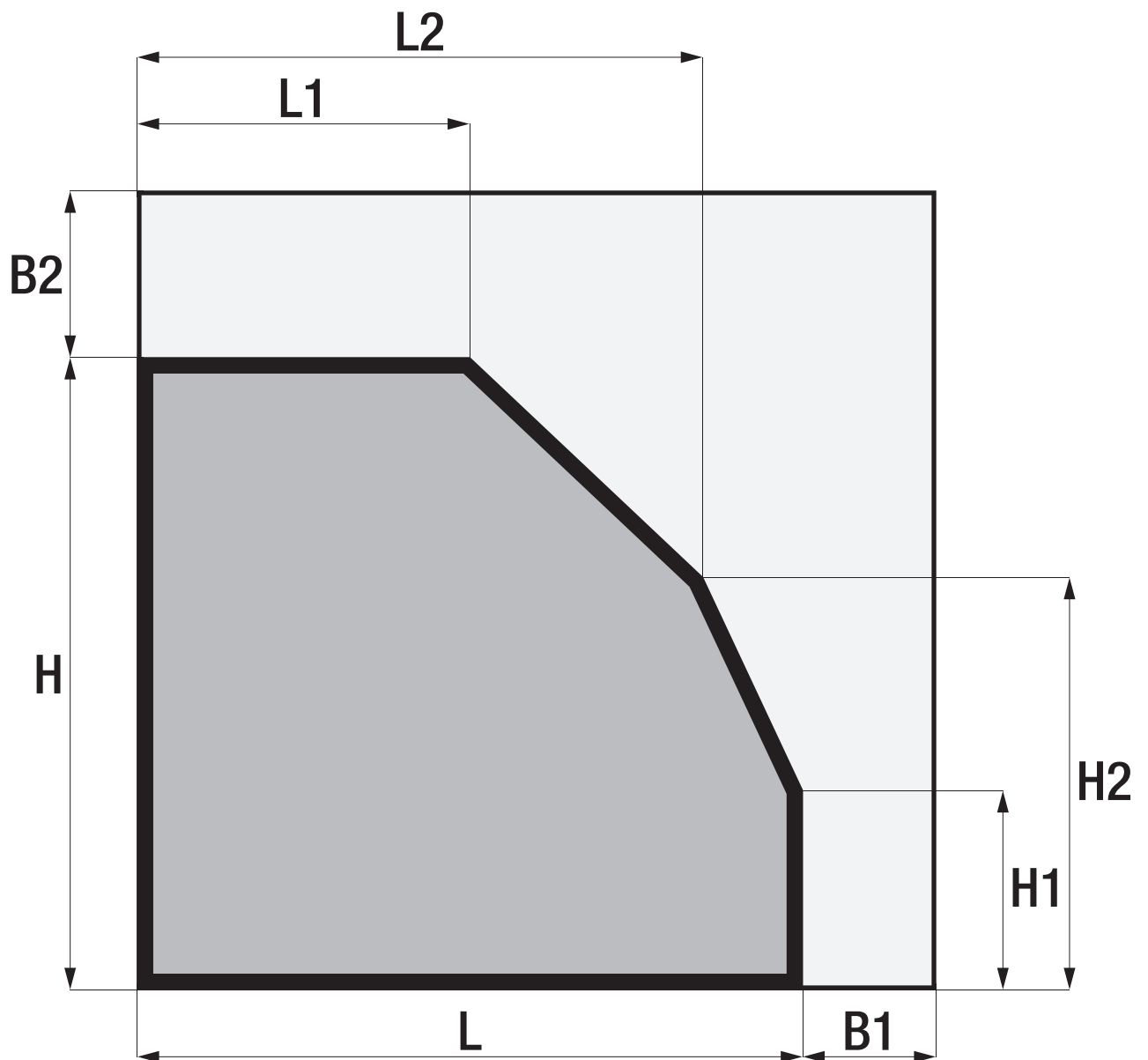


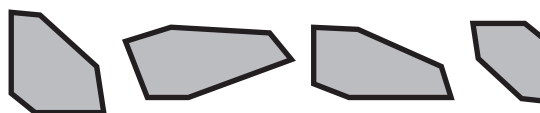
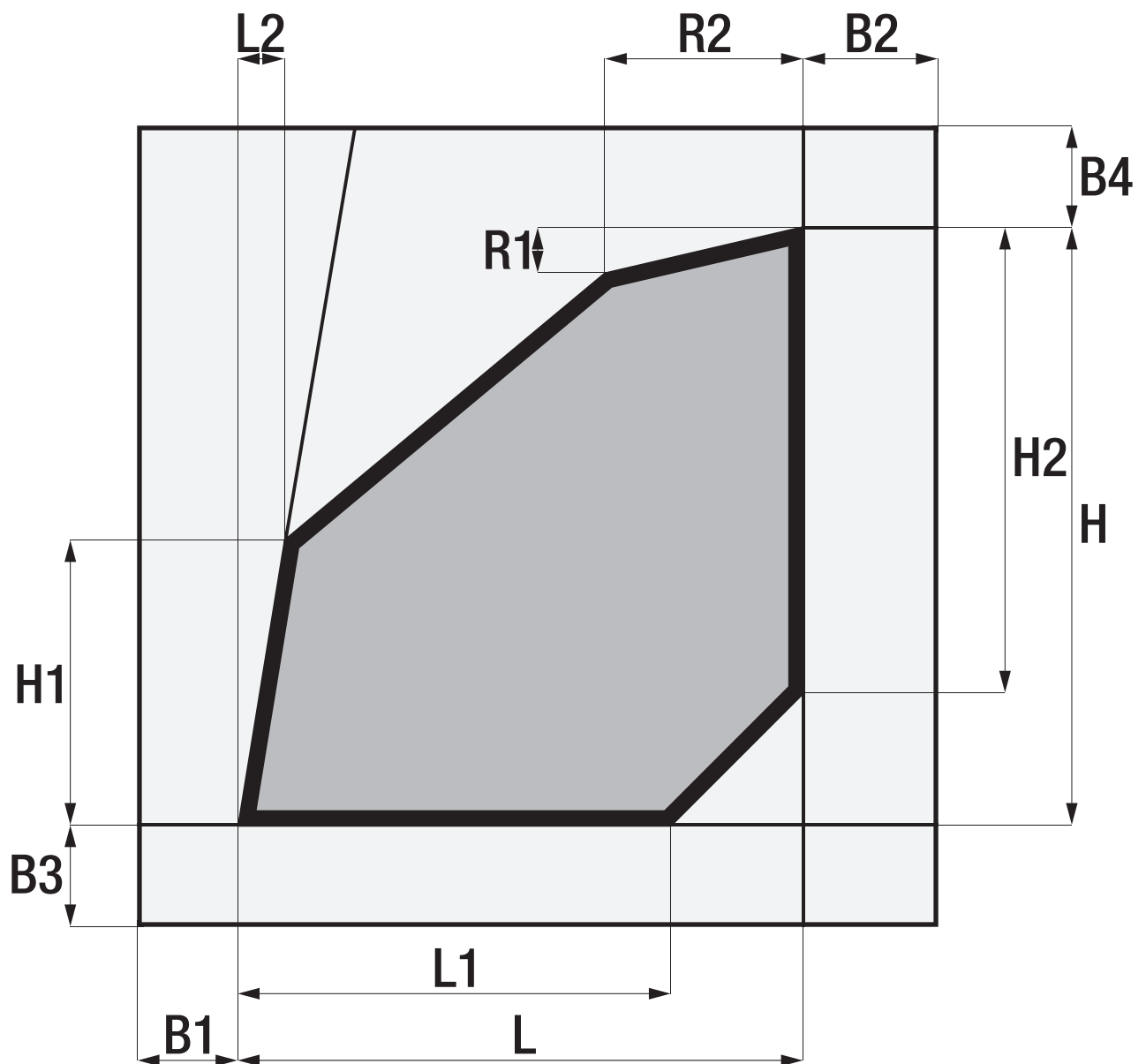




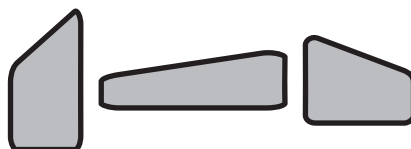
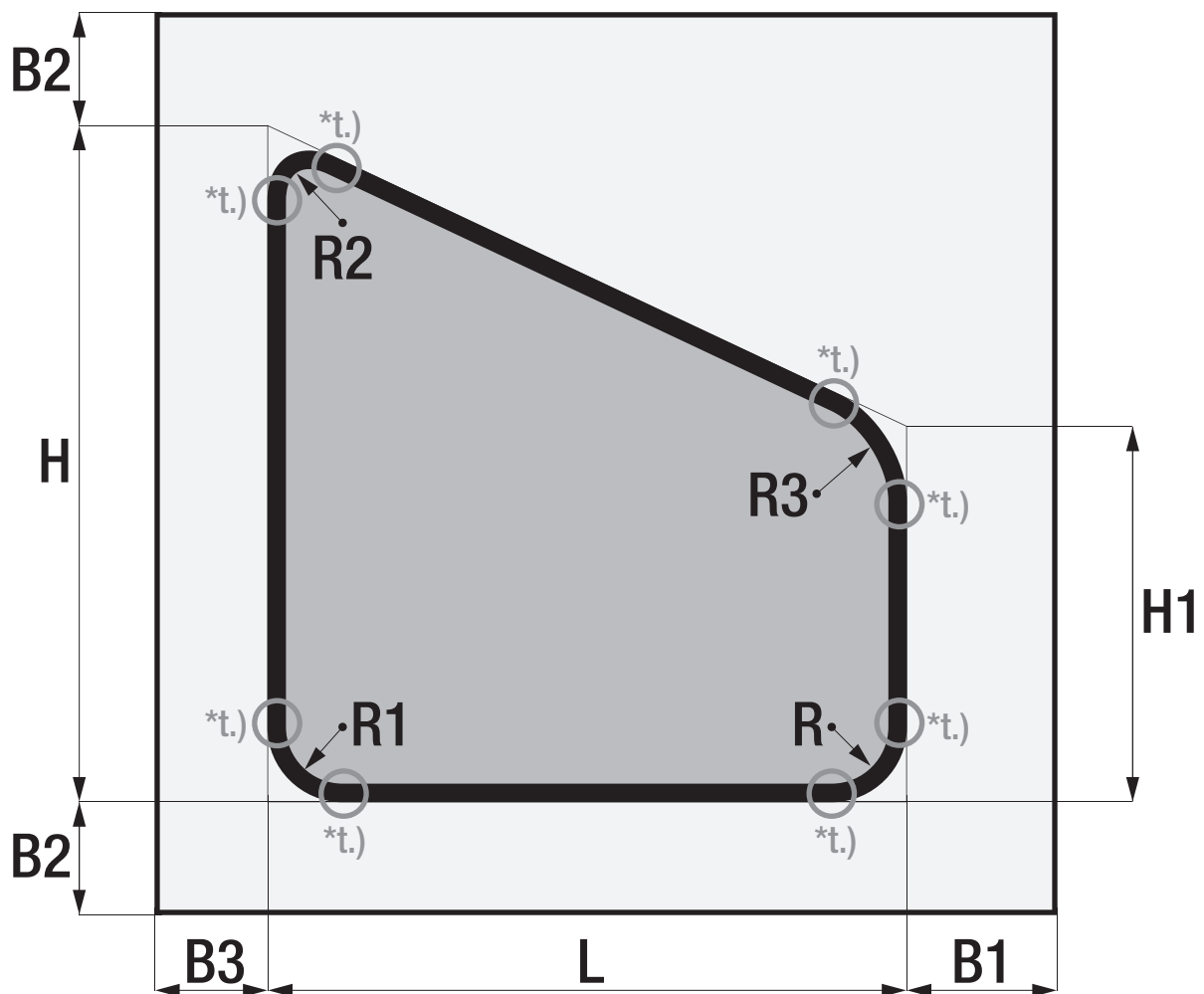
\*t.) tangential



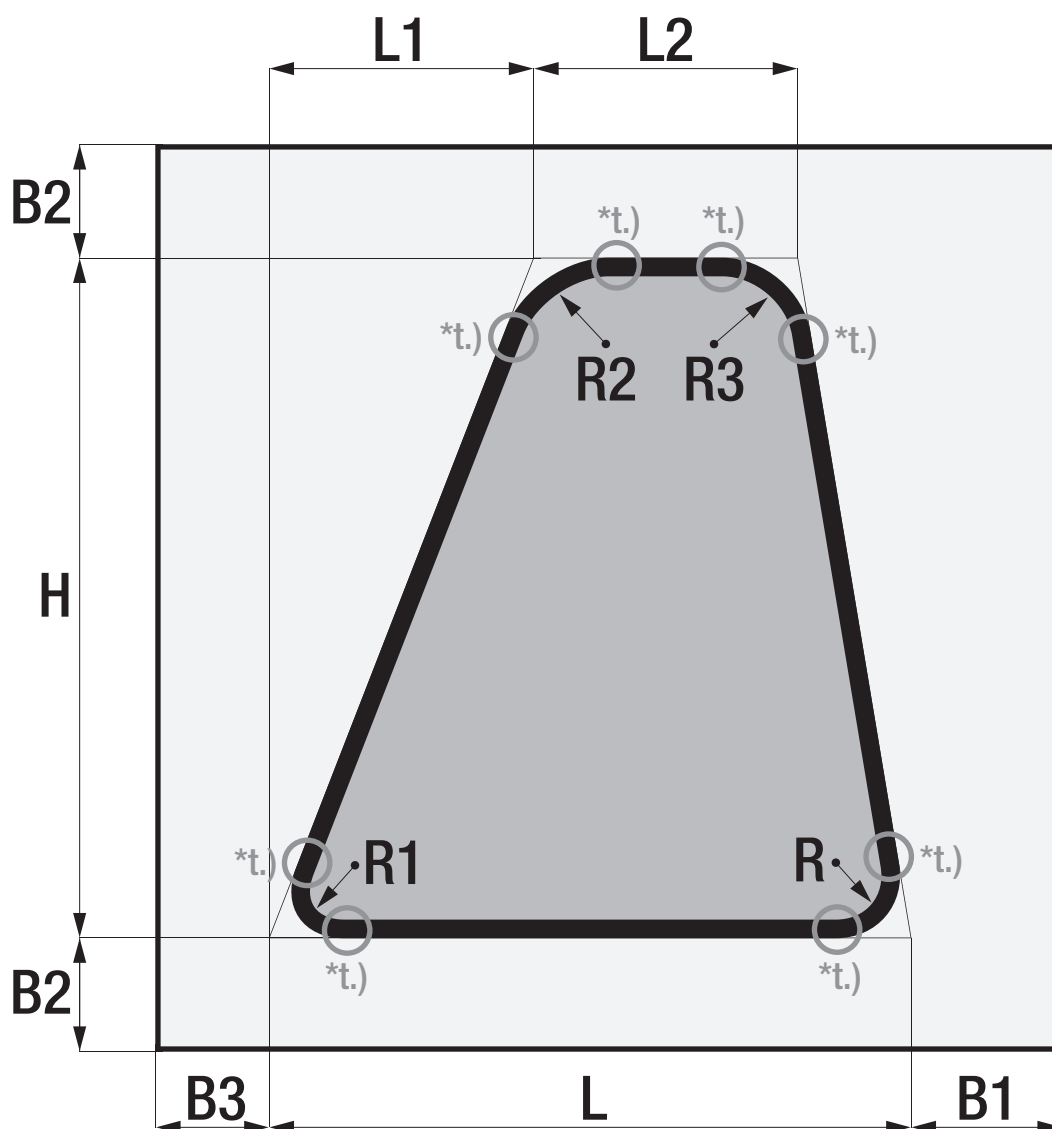




\*t.) tangential



\*t.) tangential



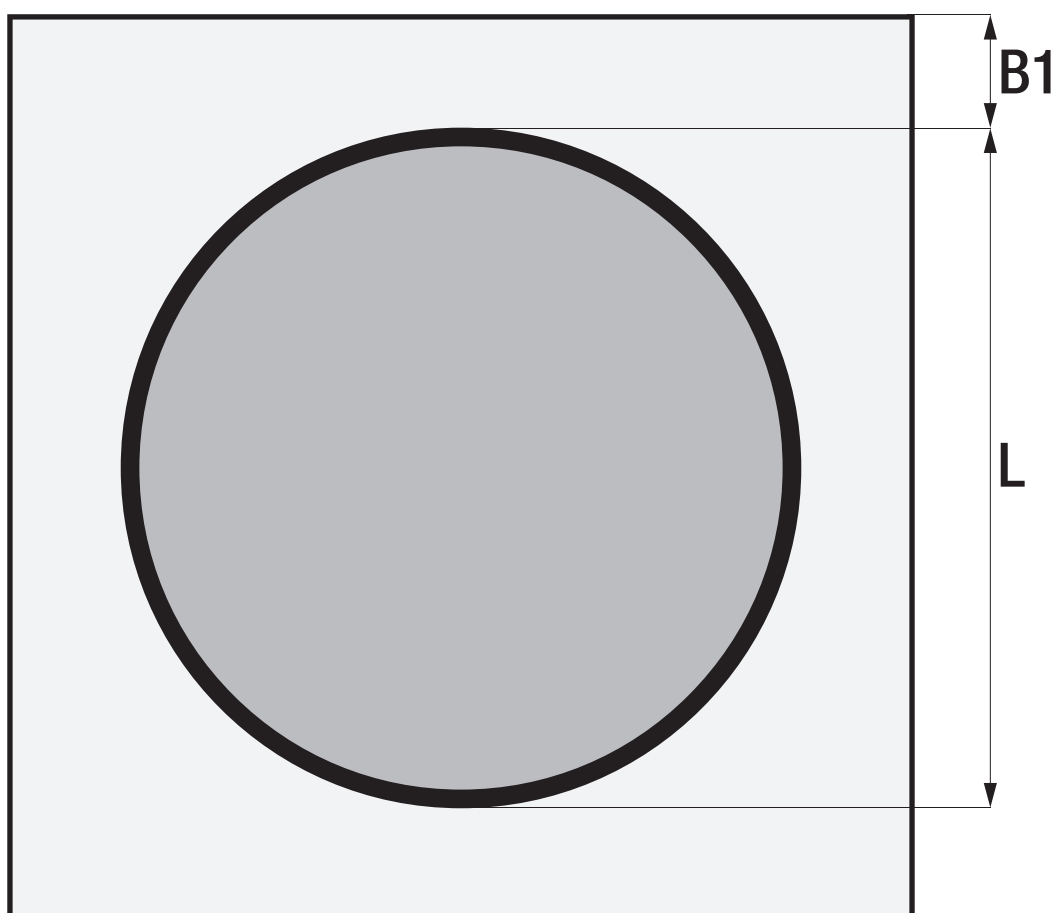
# LiSEC

- Glass Cutting ☒
- Frame Bending ☒
- Shape Sealing ☐
- Shape Gas Filling ☐
- VSA ☐
- KSR ☐
- KBU / KBF / KSU ☐
- TPA ☐

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

## Shape

# 524



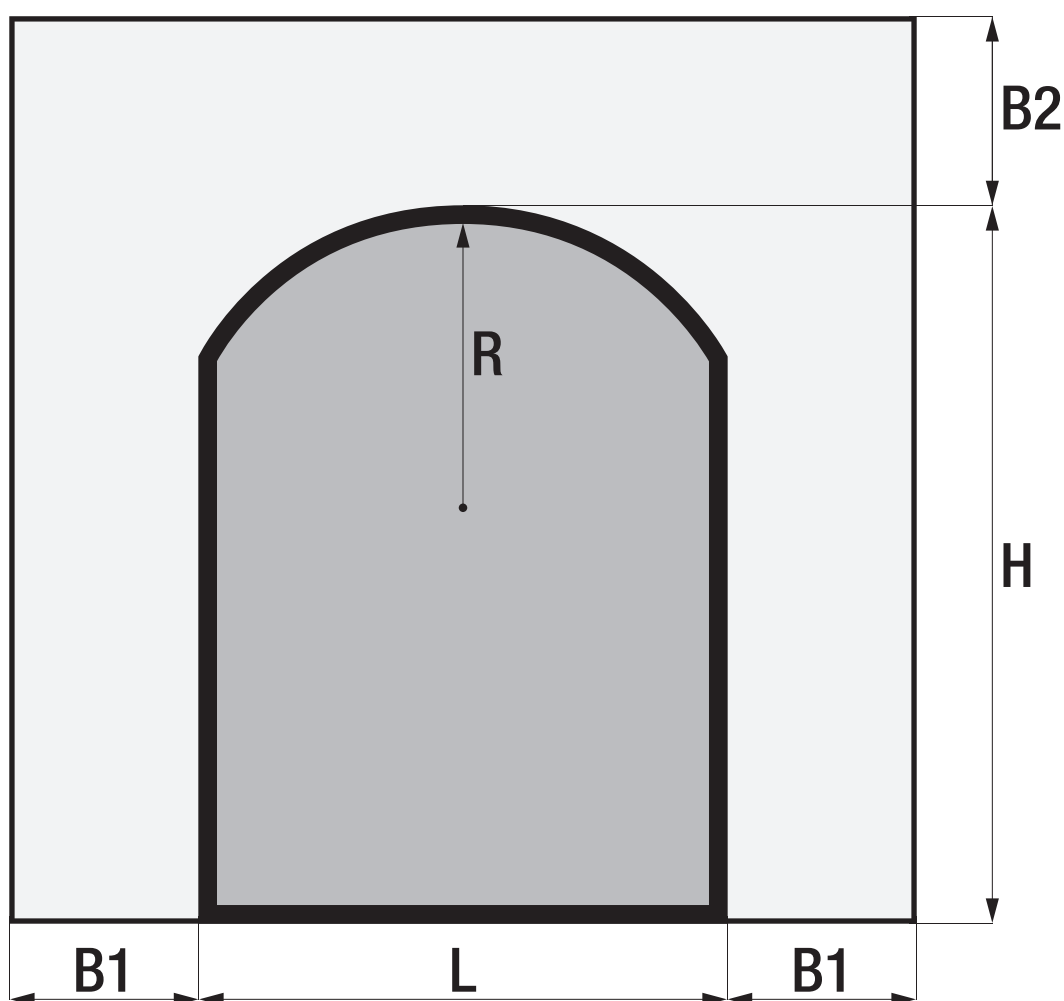
# LiSEC

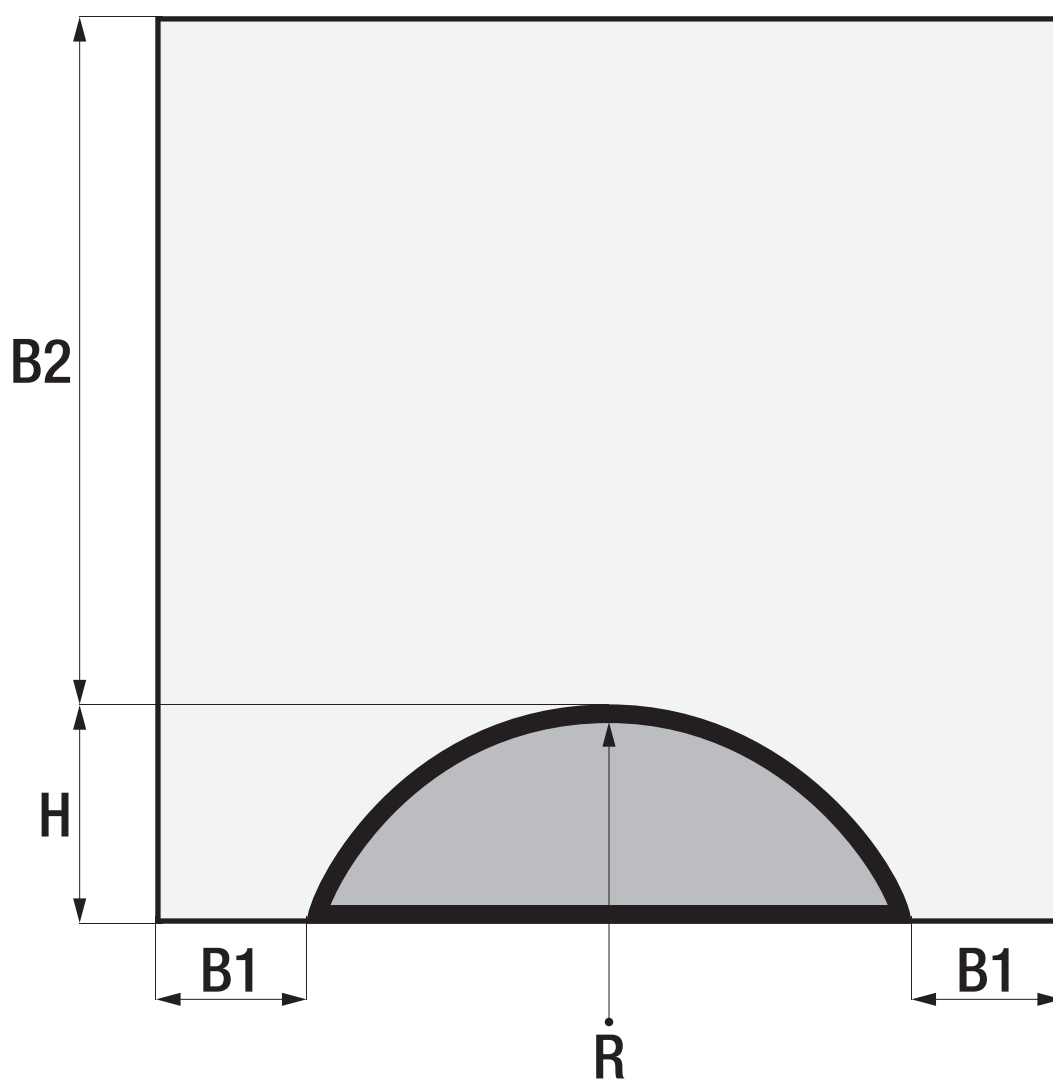
- Glass Cutting ✓
- Frame Bending ✓
- Shape Sealing ✓
- Shape Gas Filling ✓
- VSA ✓
- KSR ✓
- KBU / KBF / KSU ✓
- TPA ✓

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

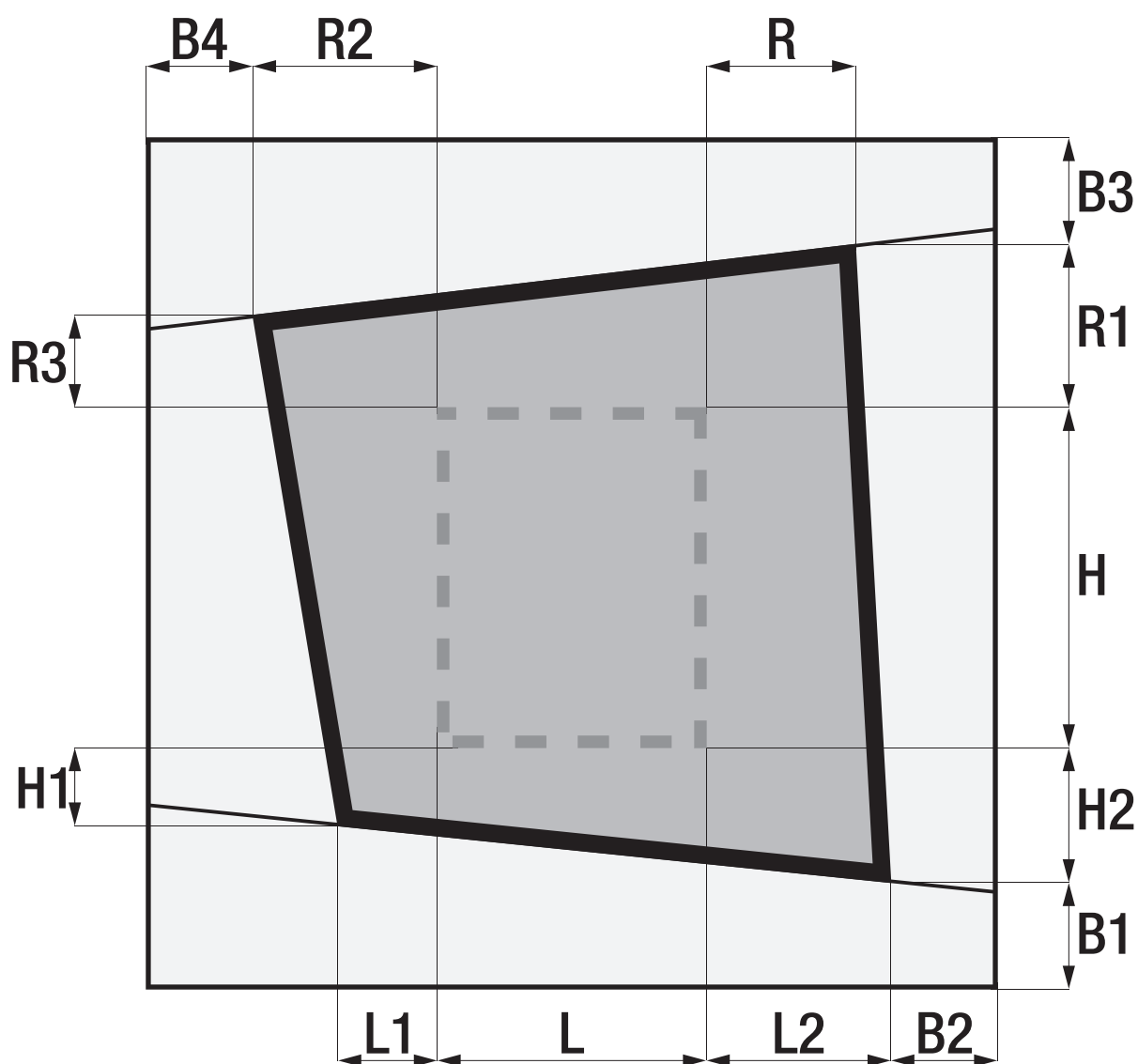
## Shape

# 527

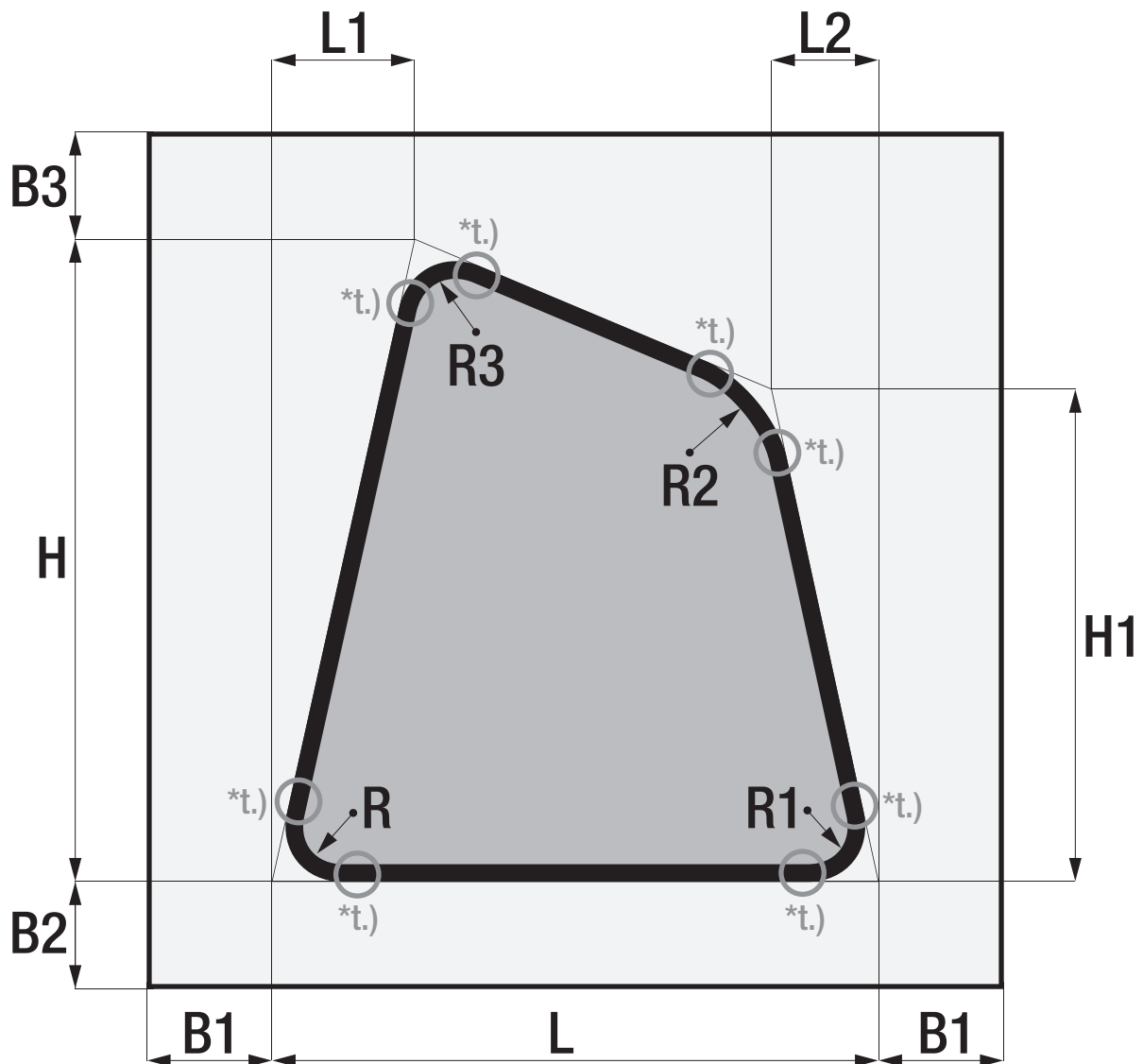








\*t.) tangential



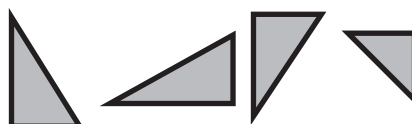
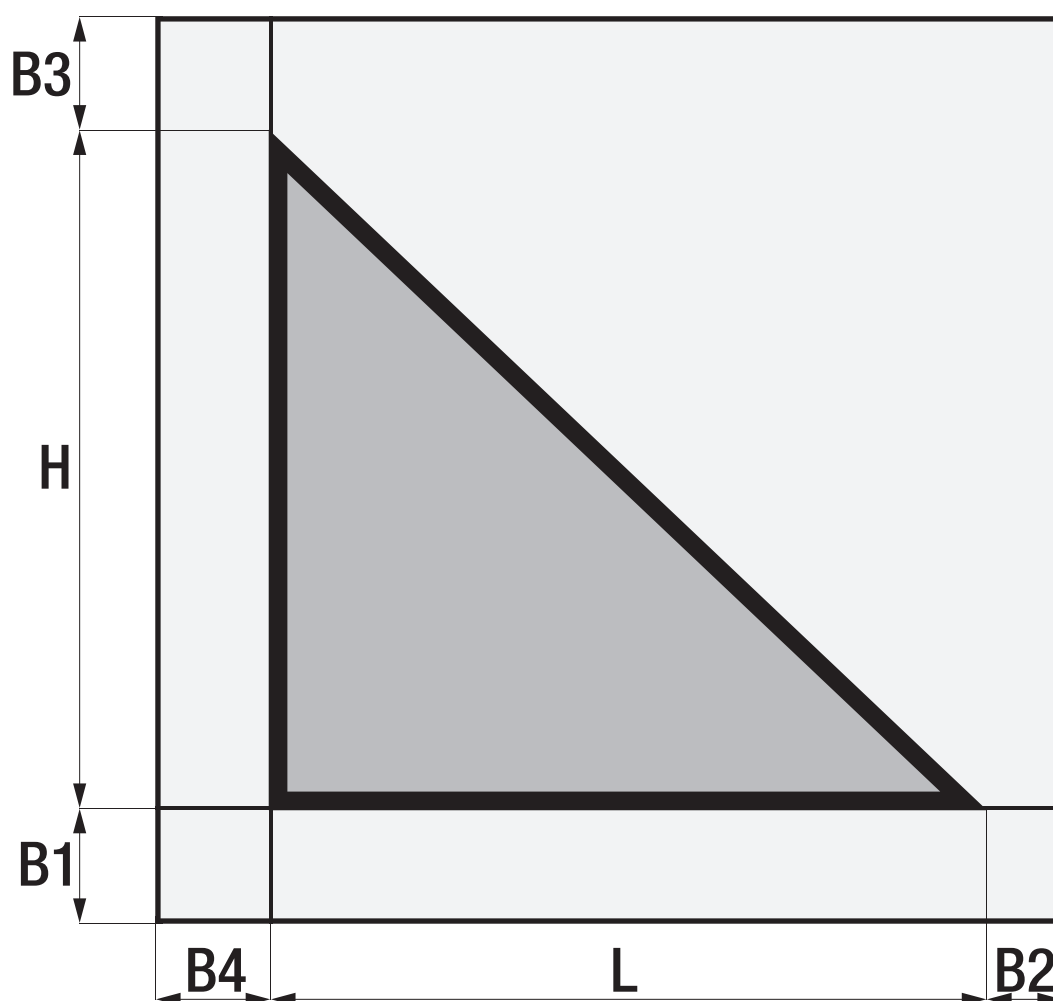
# LiSEC

Glass Cutting ✓  
Frame Bending ✓  
Shape Sealing ✓  
Shape Gas Filling ✓  
VSA ✓  
KSR ✓  
KBU / KBF / KSU ✓  
TPA ✓

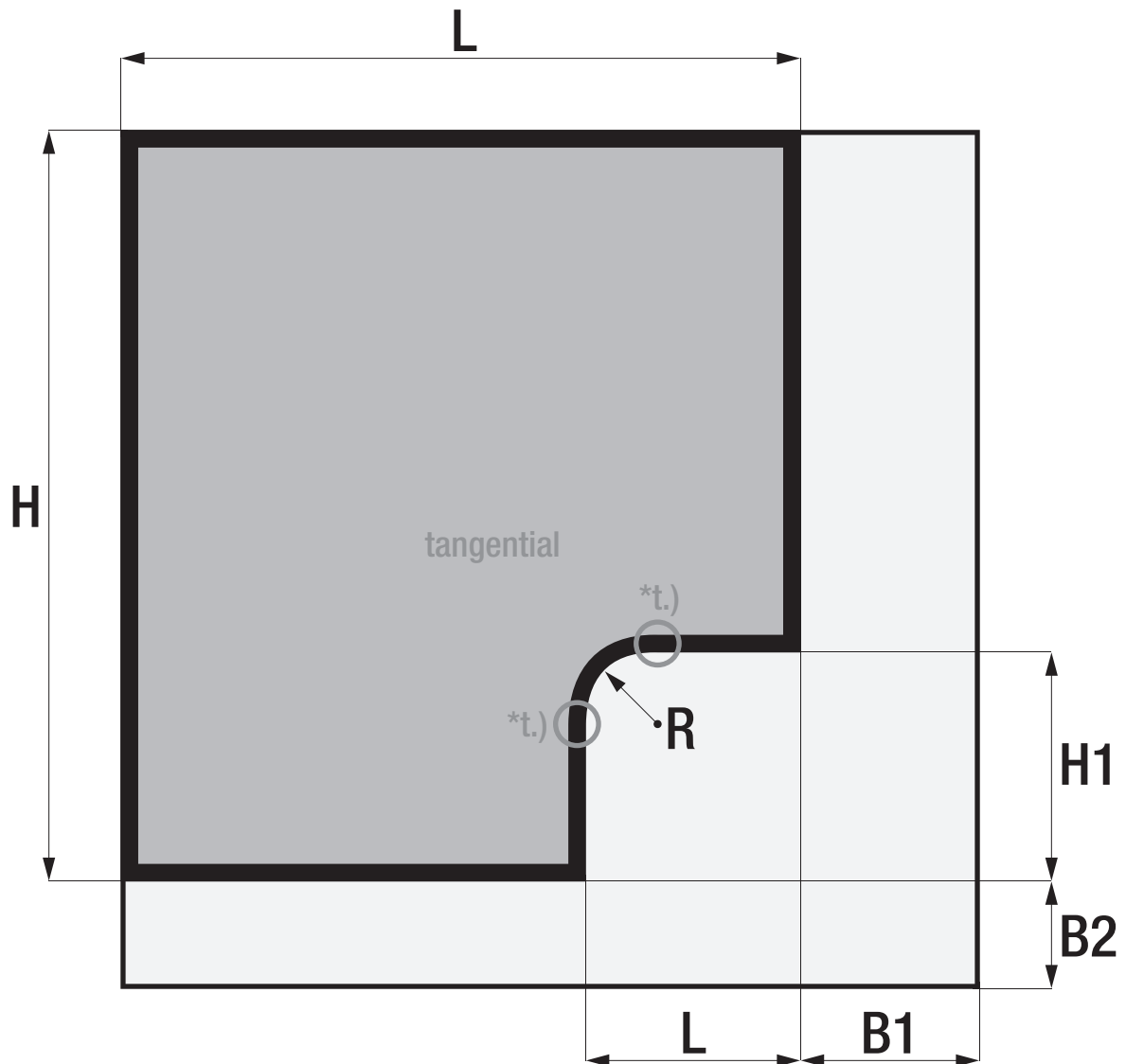
Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

## Shape

# 533



\*t.) tangential



# LiSEC

- Glass Cutting ✓
- Frame Bending ✓
- Shape Sealing ✓
- Shape Gas Filling ✓
- VSA ✓
- KSR ✓
- KBU / KBF / KSU ✓
- TPA ✓

Version 5.1 | valid from 11.11.2016  
\*) physical machine restrictions apply

## Shape

# 538

