# Problem report for:

## RobotoSerif[GRAD,opsz,wdth,wght].ttf

sha1: 4d06756b81b30d1dd7c7618eff7986b61439d133
Family name: Roboto Serif
Version: Version 1.008

## Parameters:

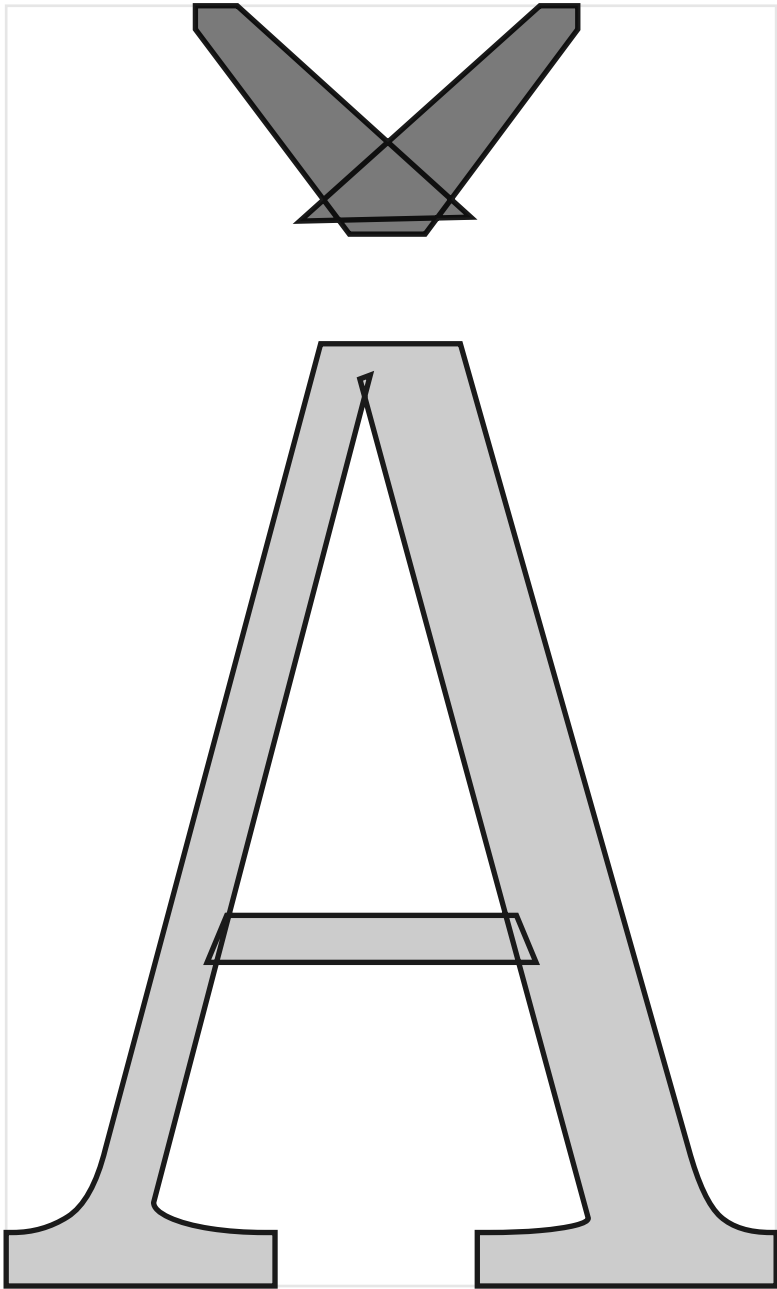Error tolerance: 0.95

Kink—reporting aggressiveness: 0.5

## Legend:

► Contour start point and direction

● Contour start point when the first two points overlap

► Contour start point in contours with wrong direction

● Suggested new contour start point

• Point causing kink in the contour

○ Kink artifact

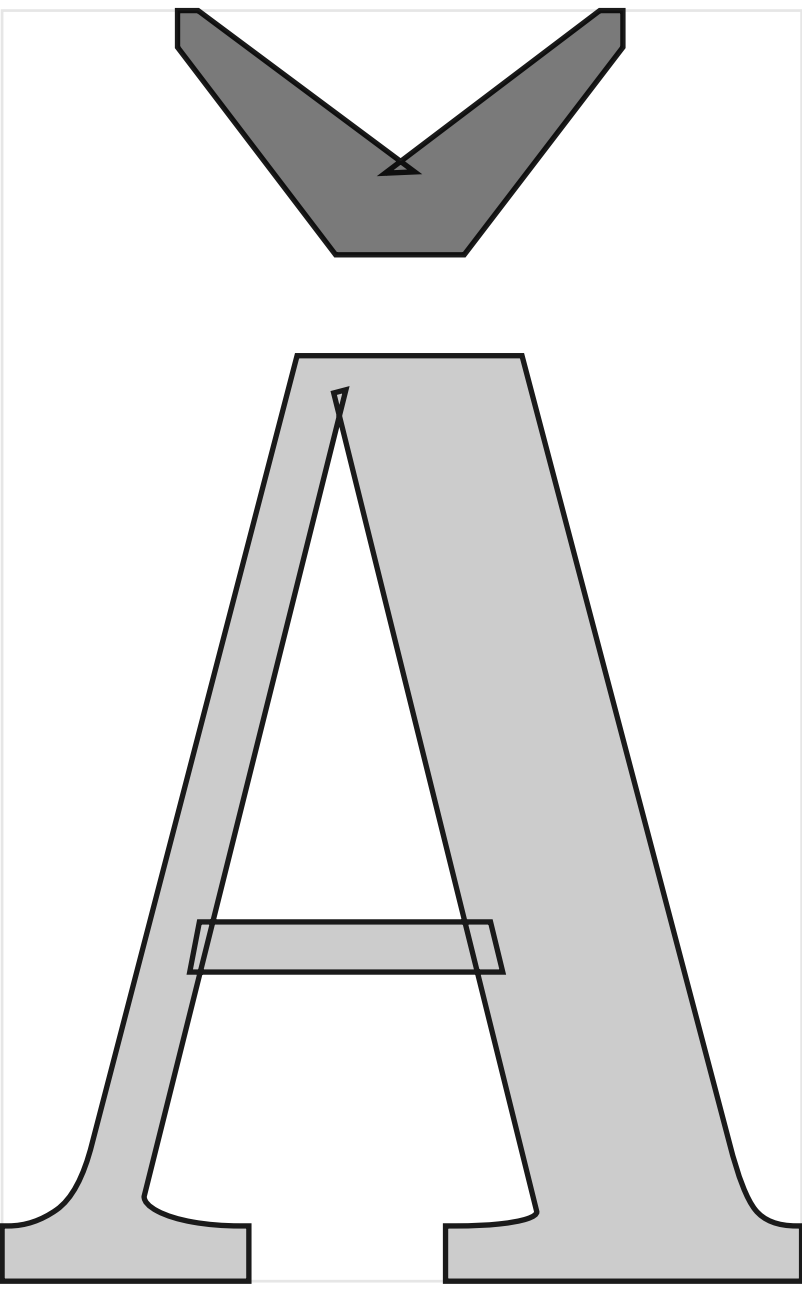🟥 Colored contours: contours with the wrong order

⬛ Underweight contours

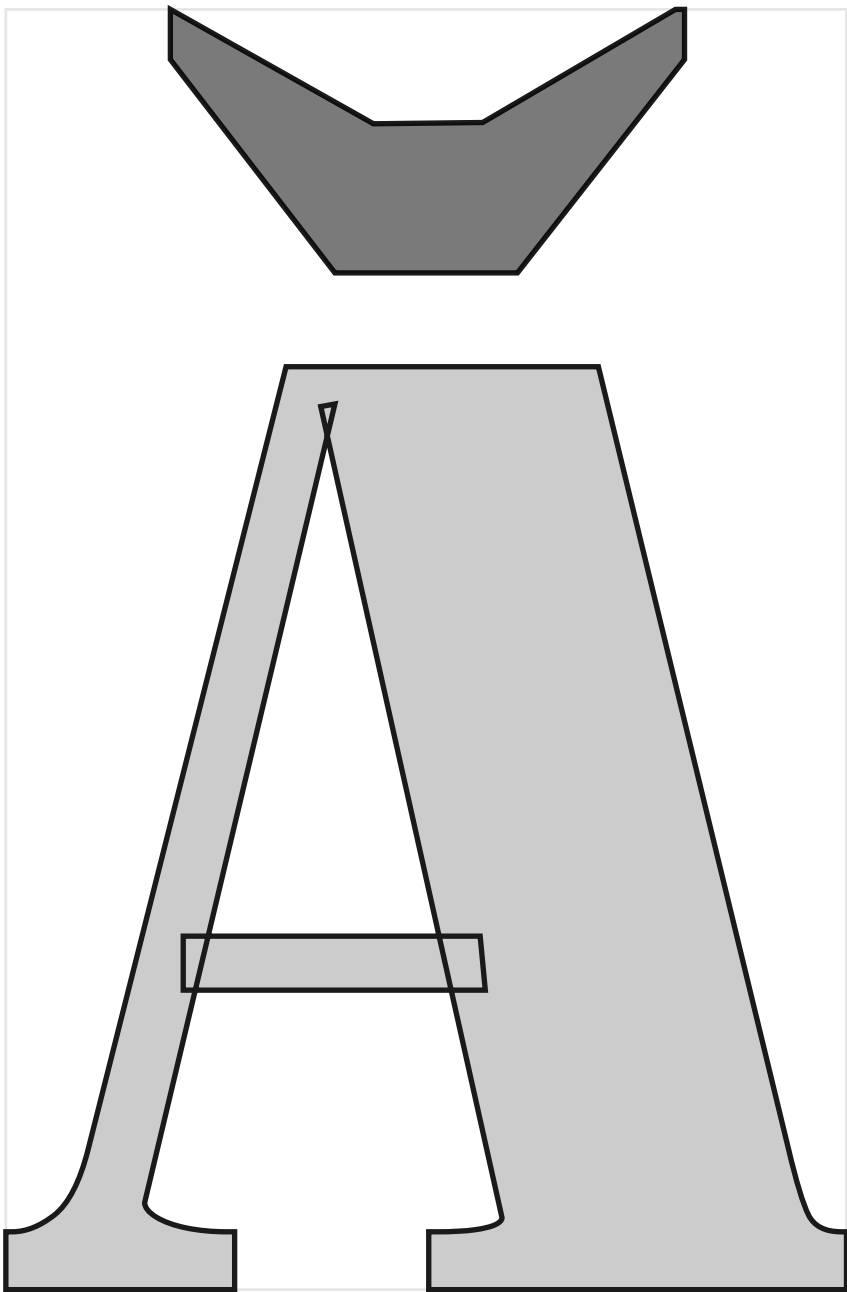Tolerance: badness; closer to zero the worse

underweight
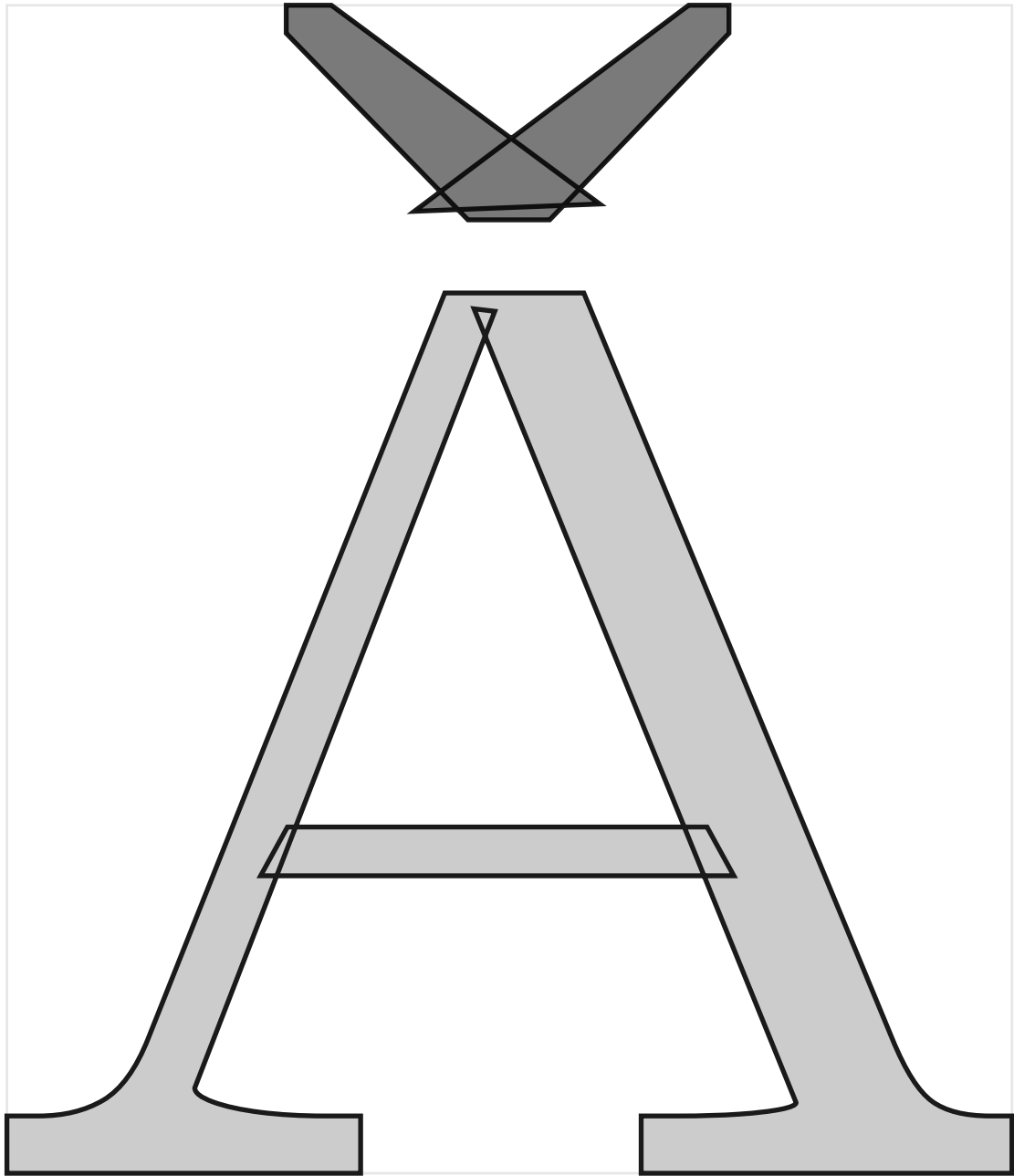
'GRAD=−50.0 opsz=8.0 wdth=50.0'

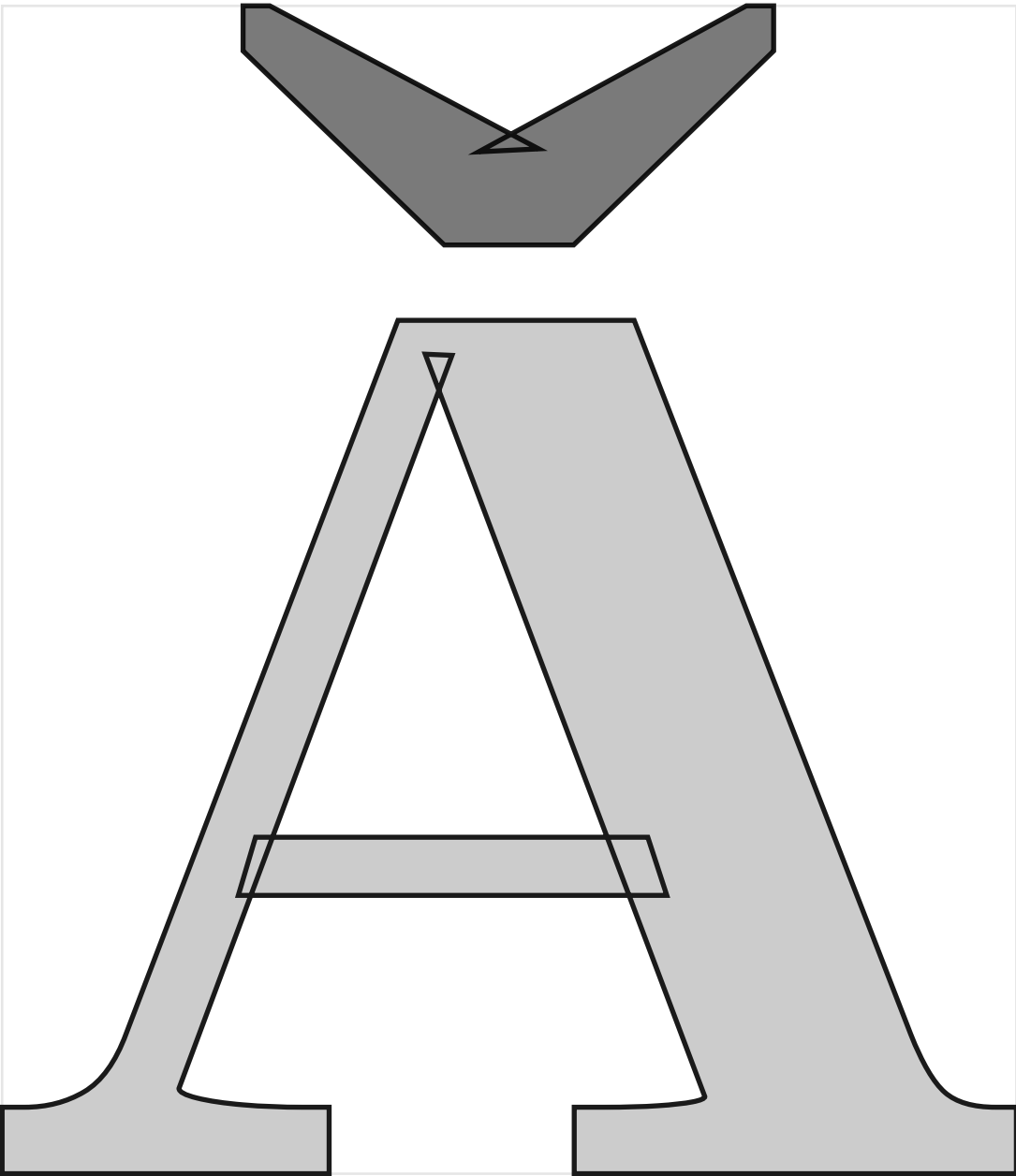midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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# Glyph name: Acaron

## underweight
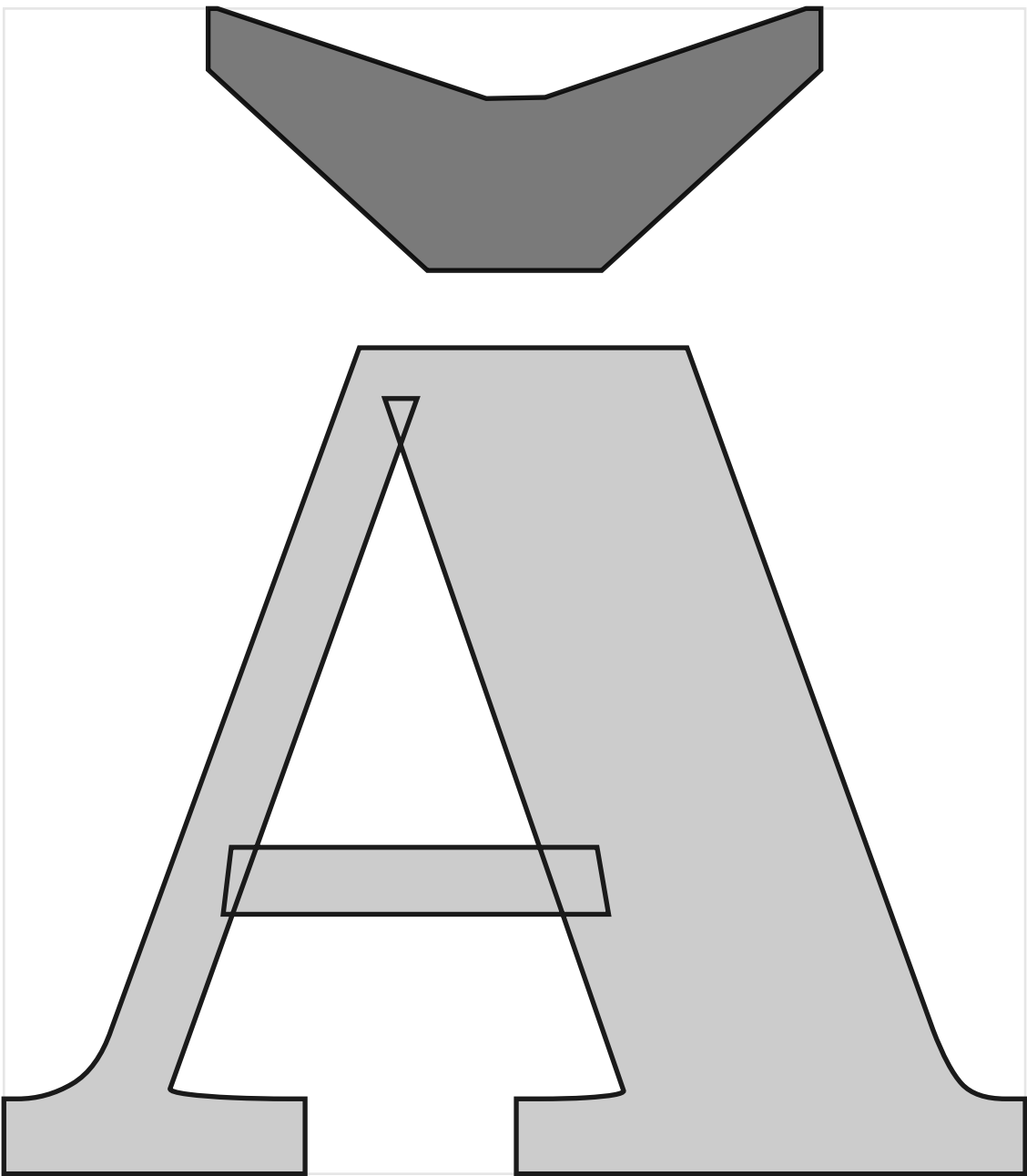
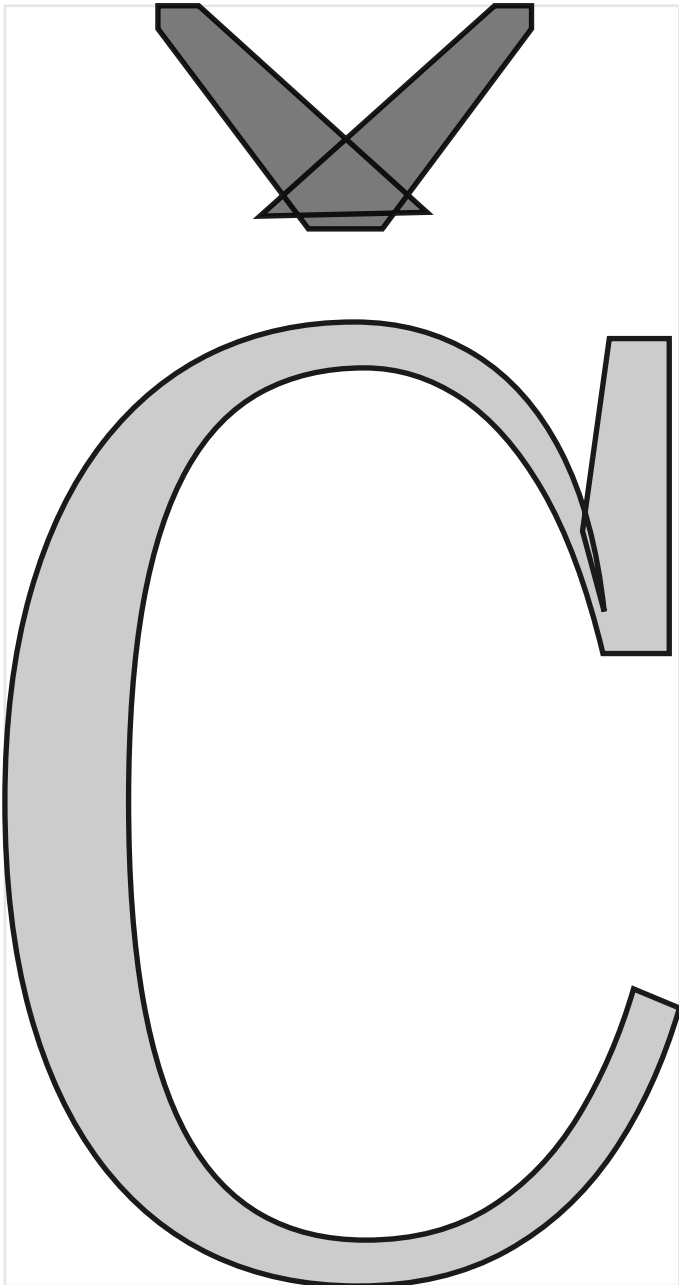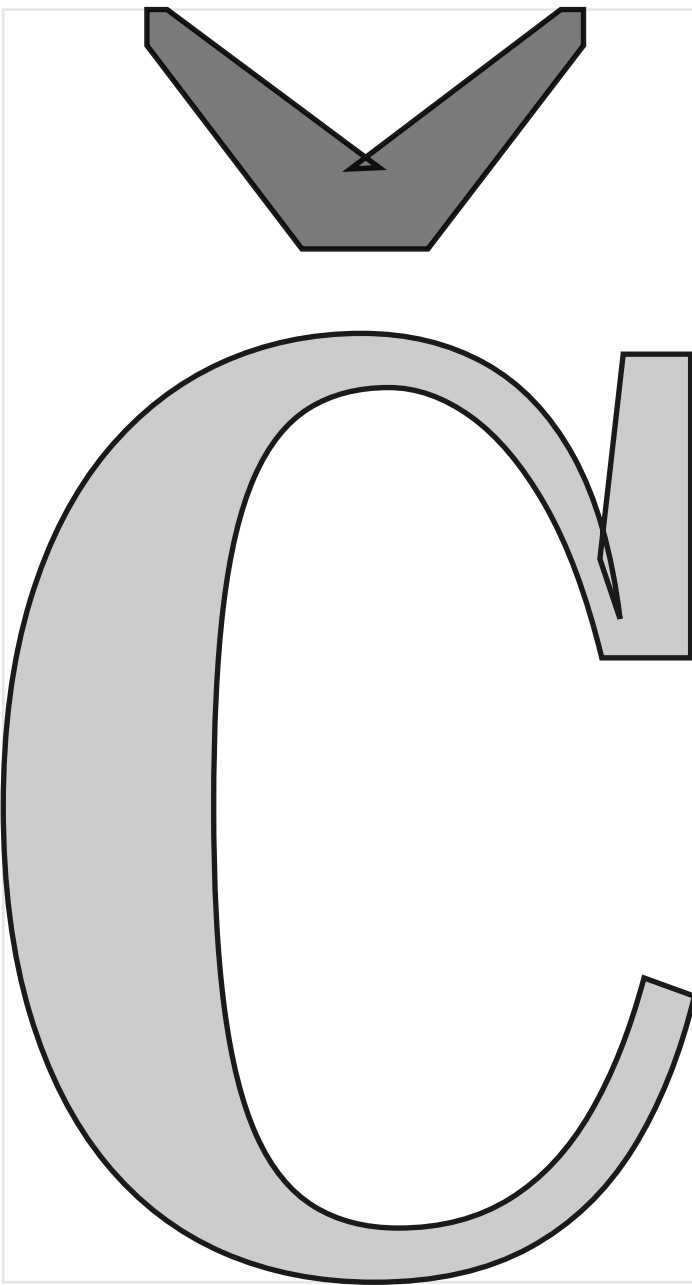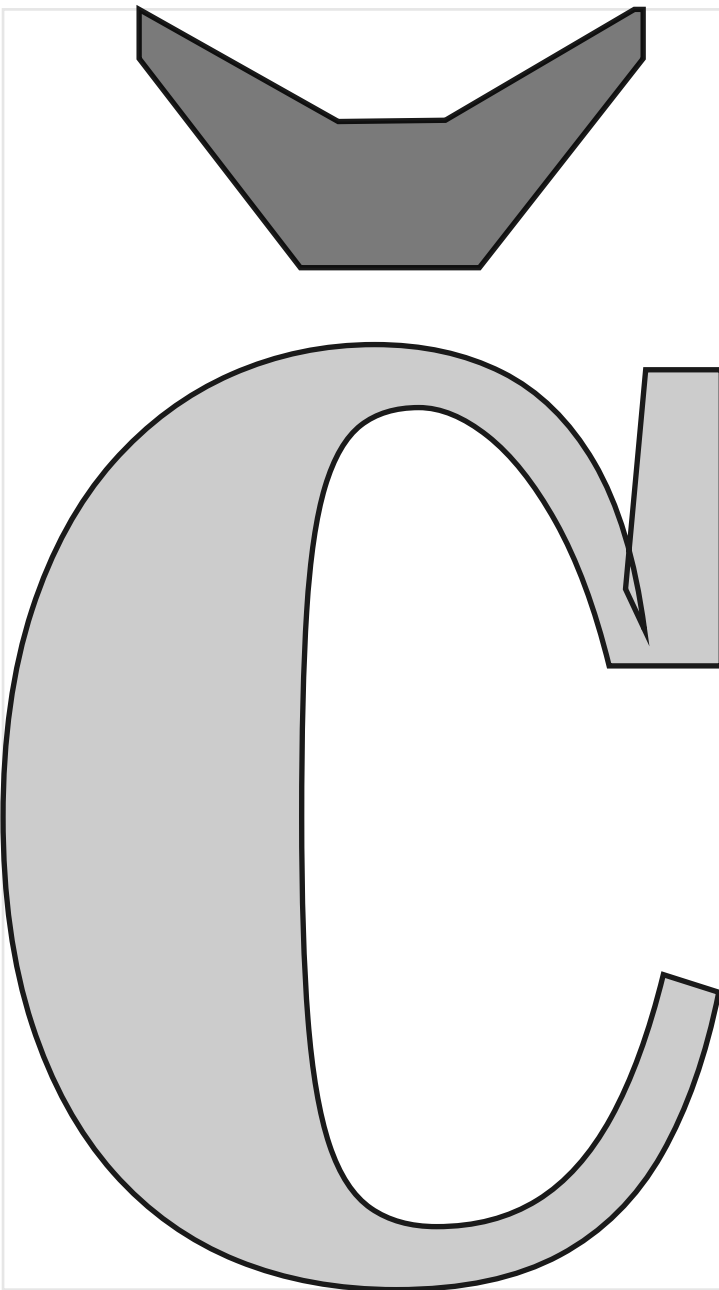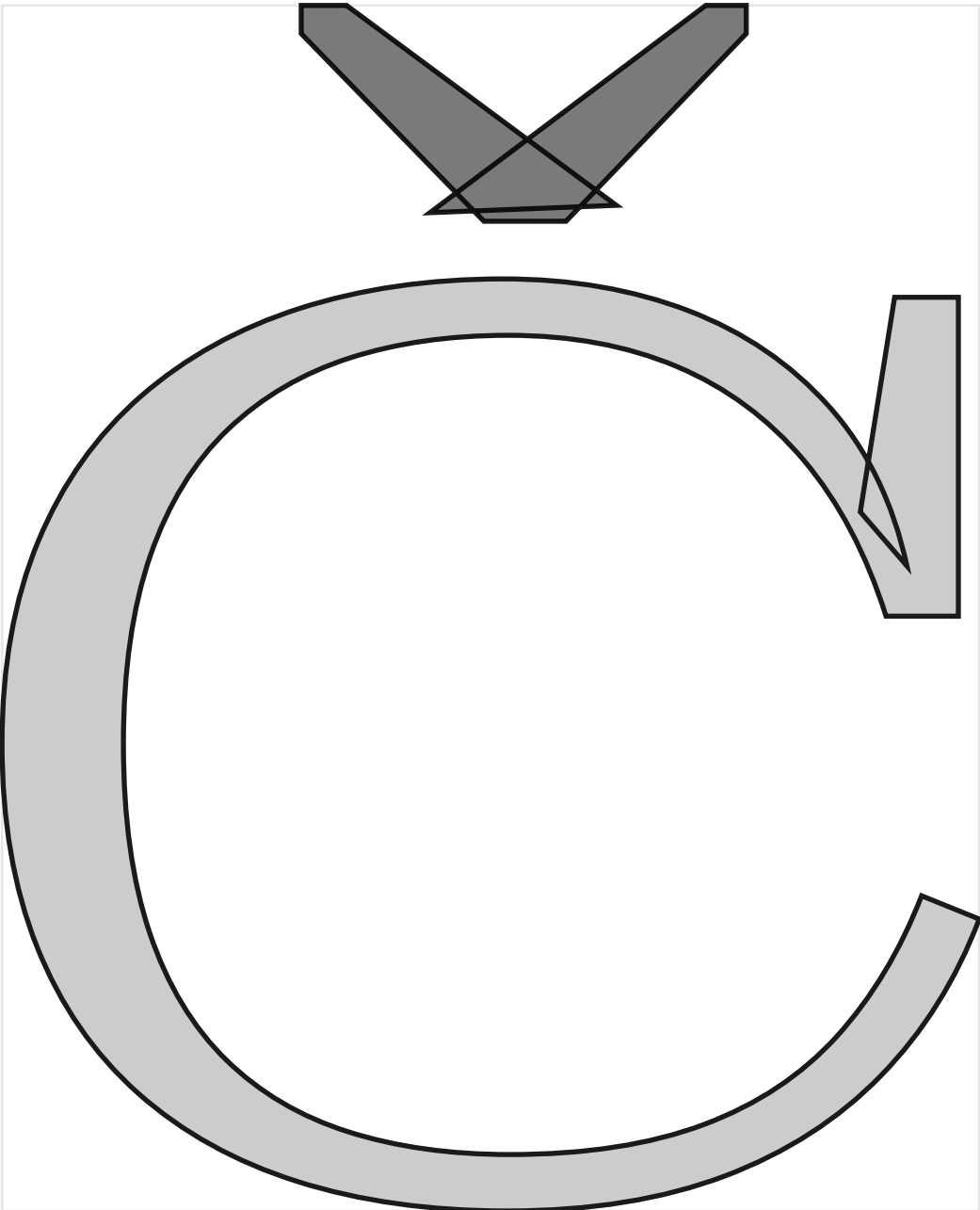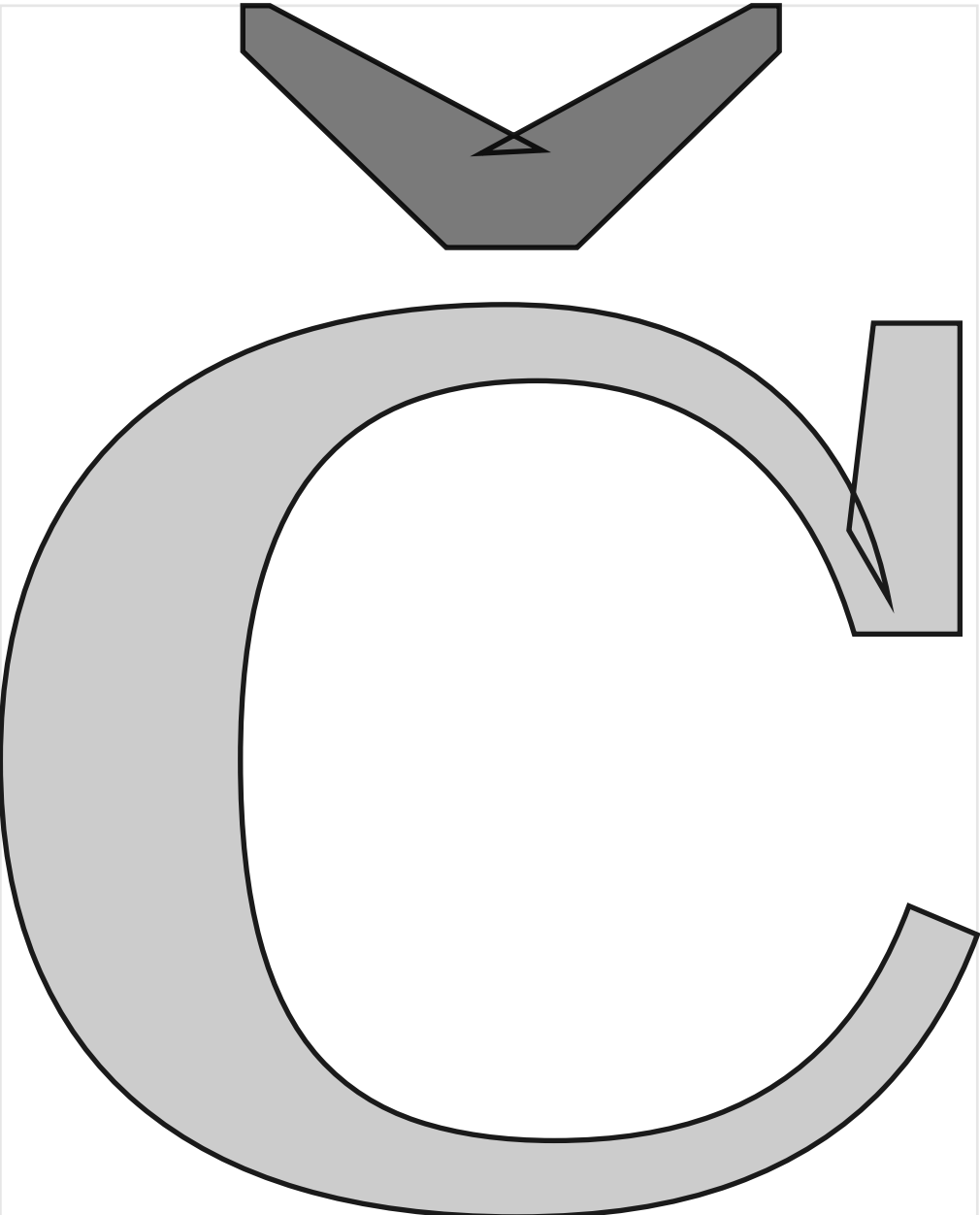'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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## underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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# Glyph name: Ccaron

## underweight
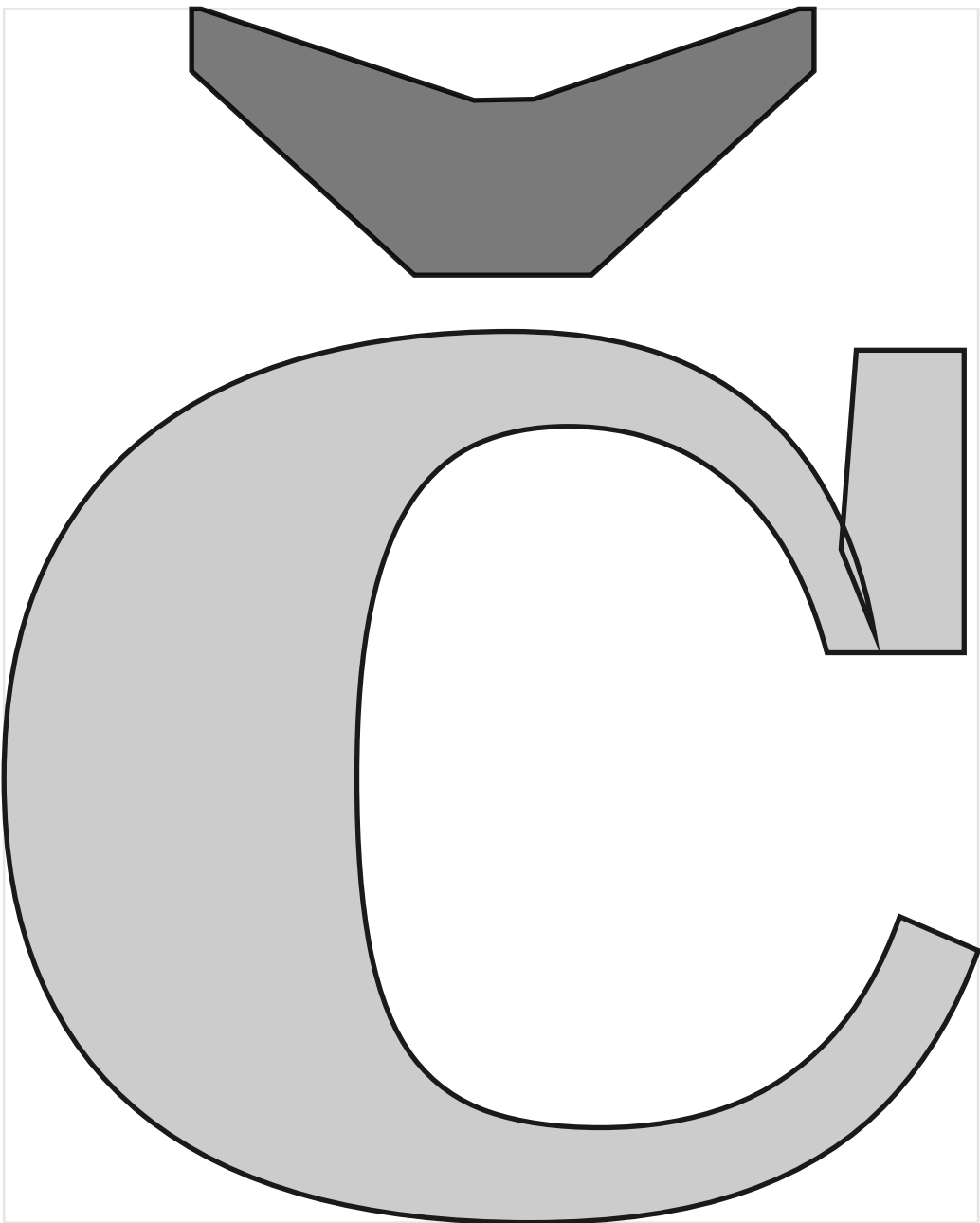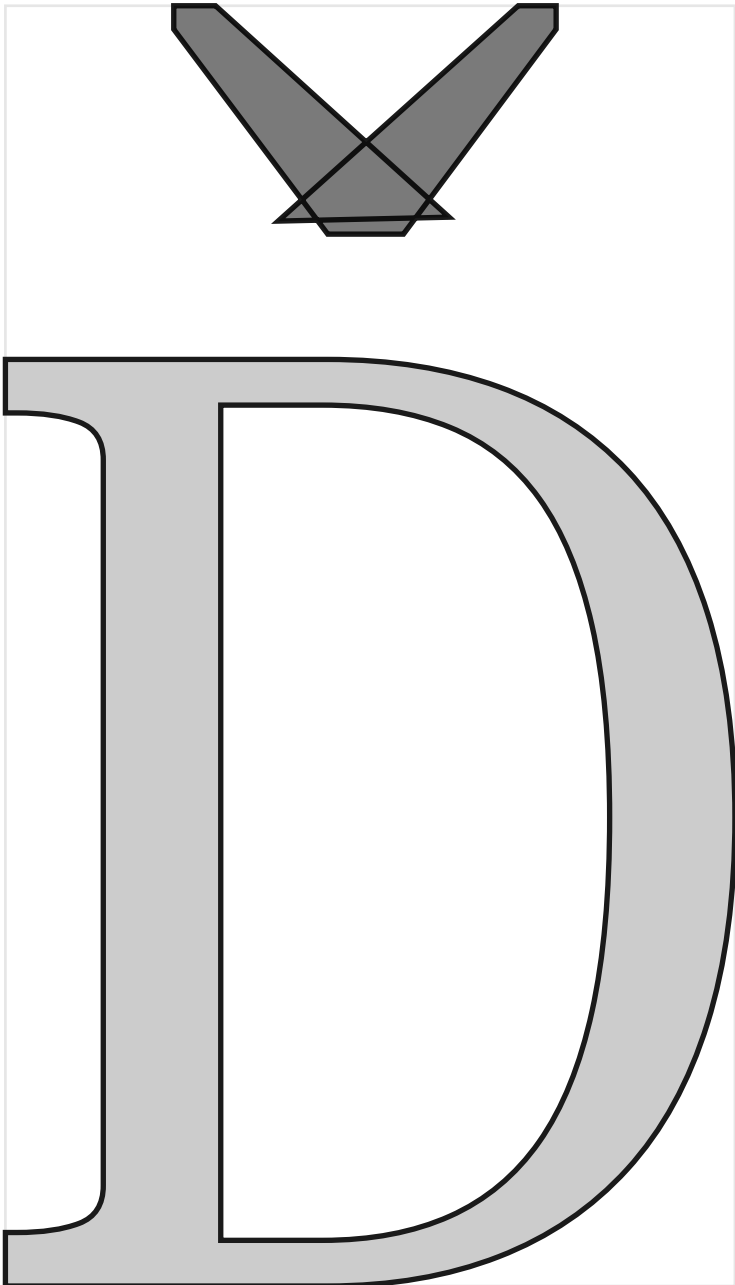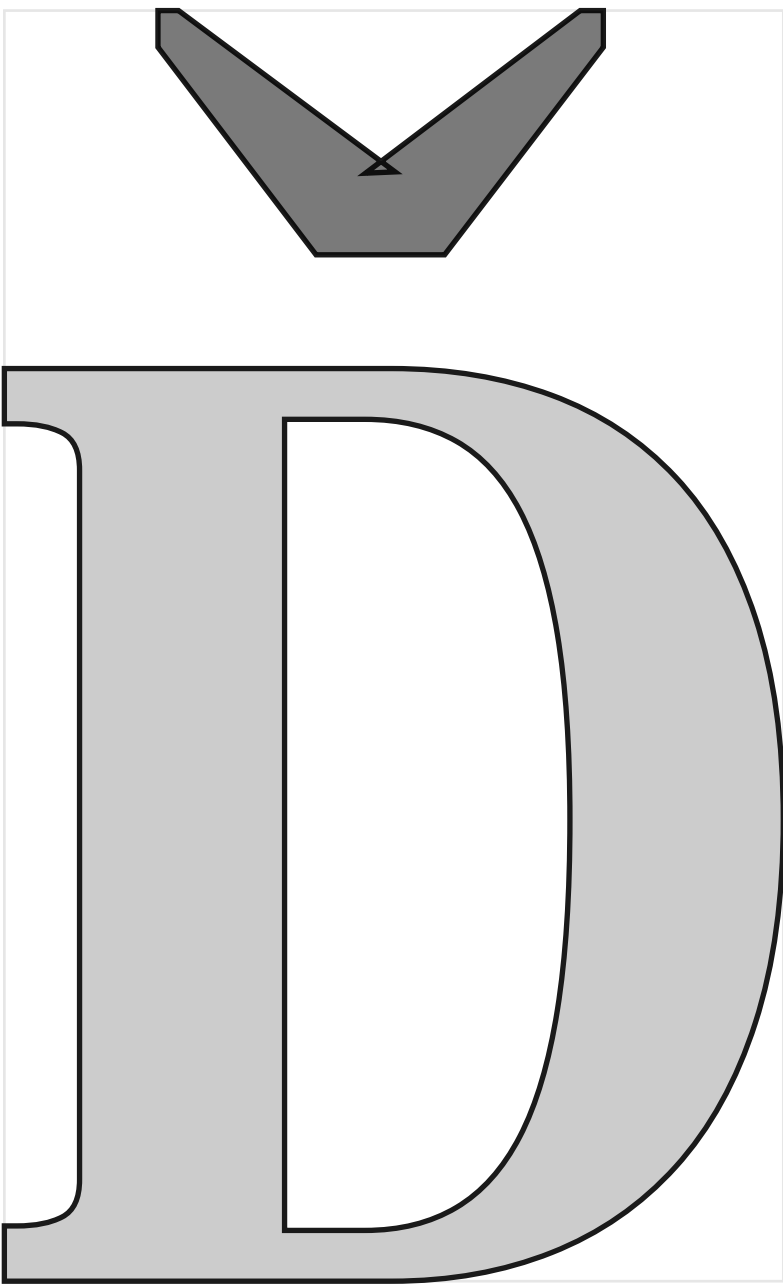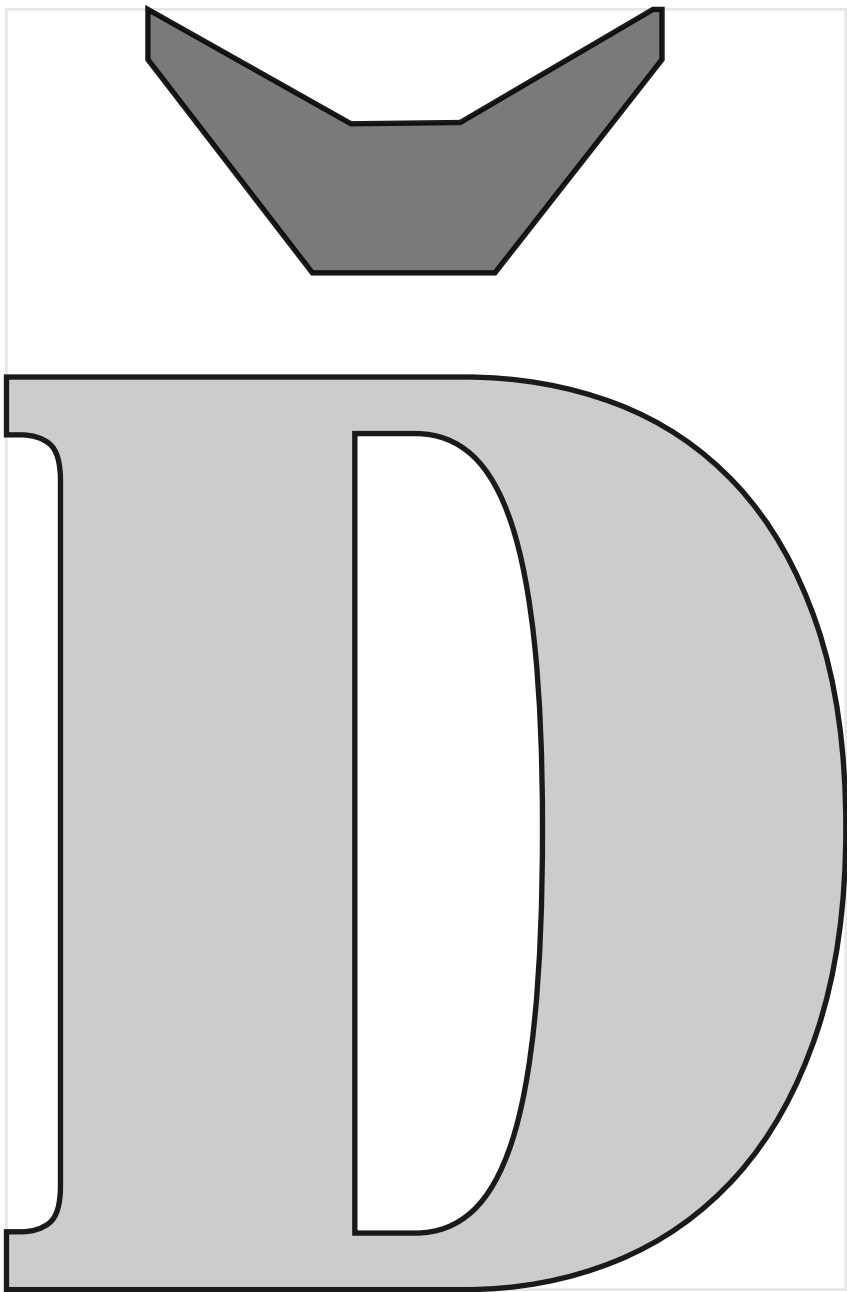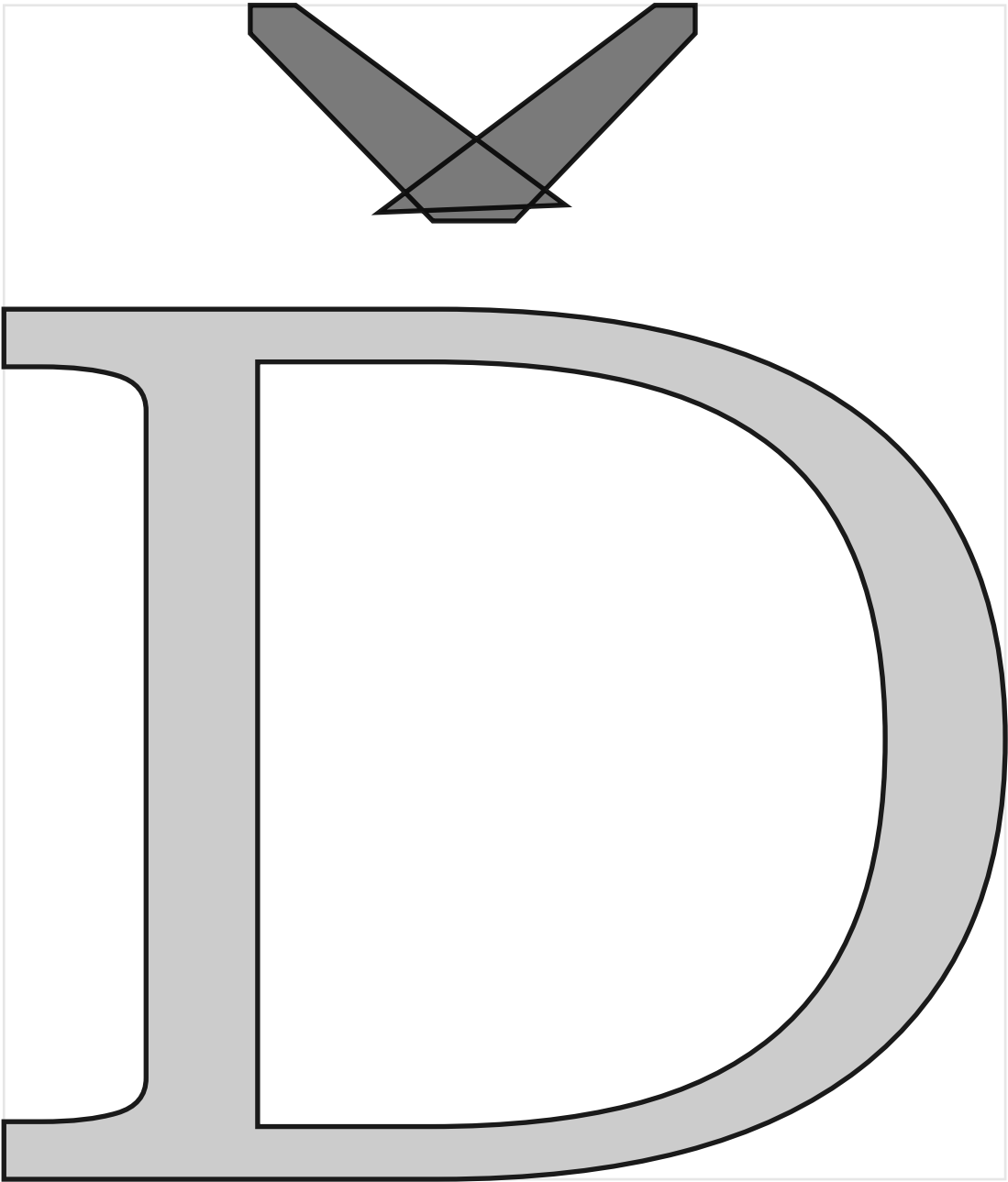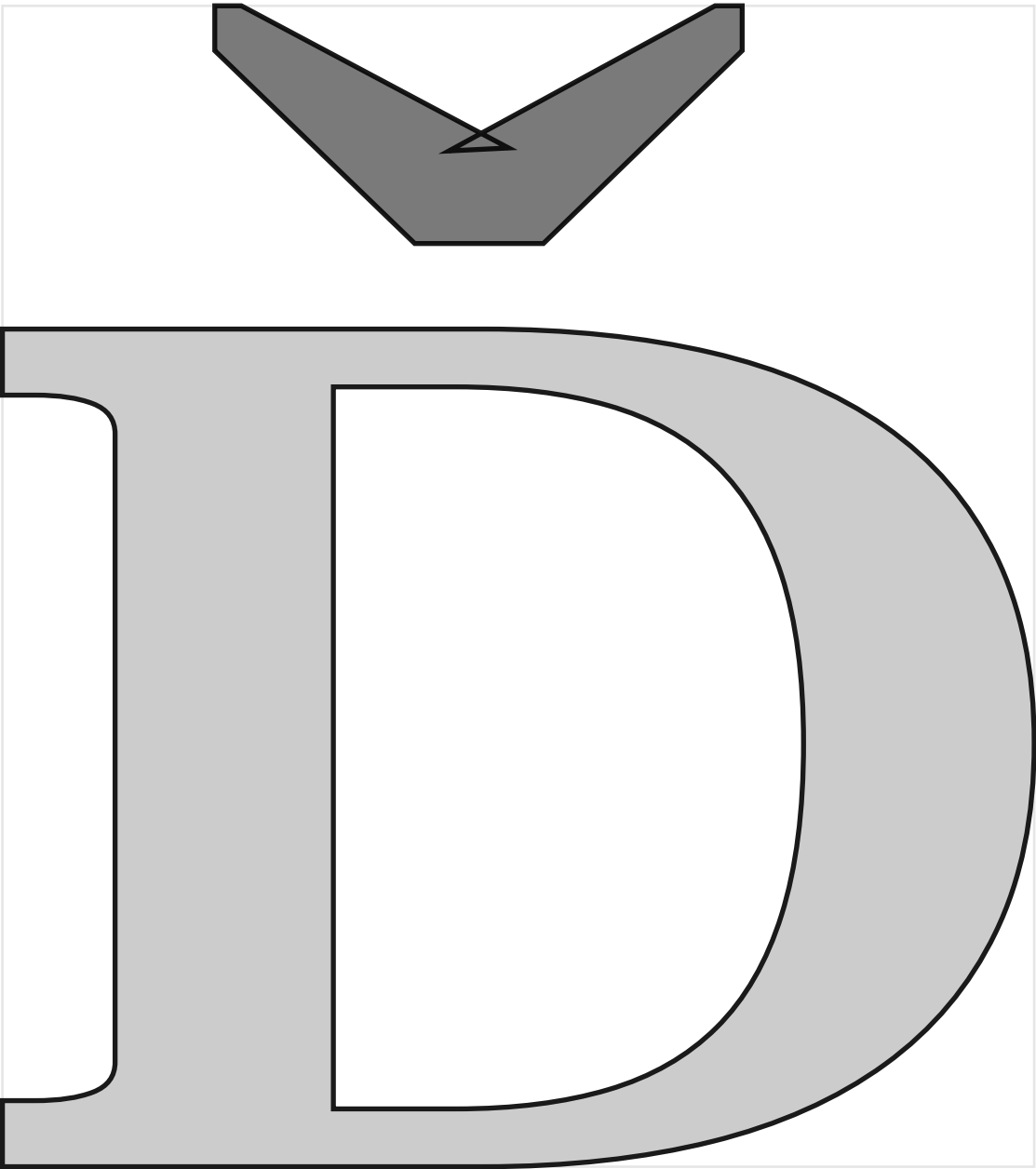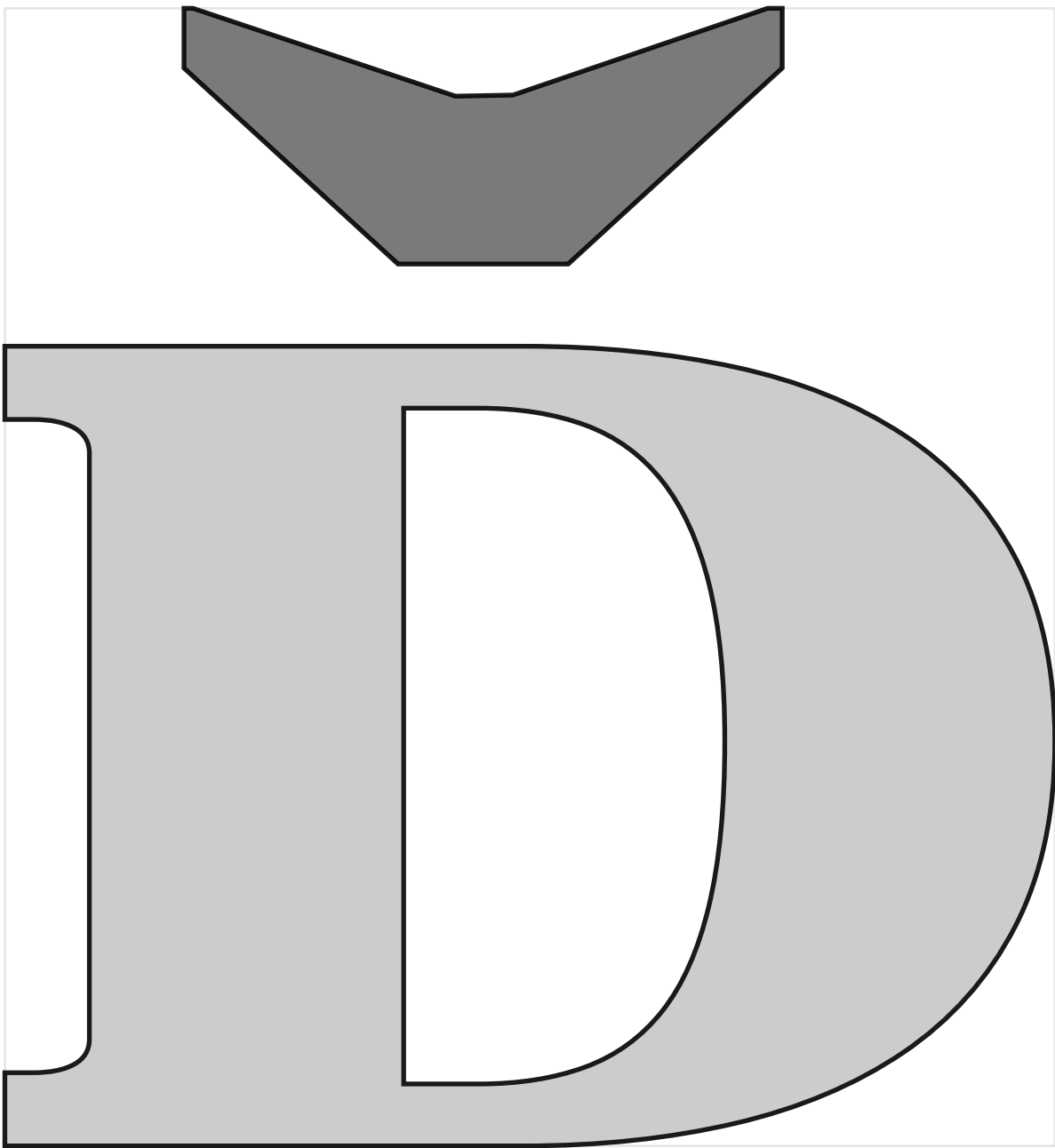
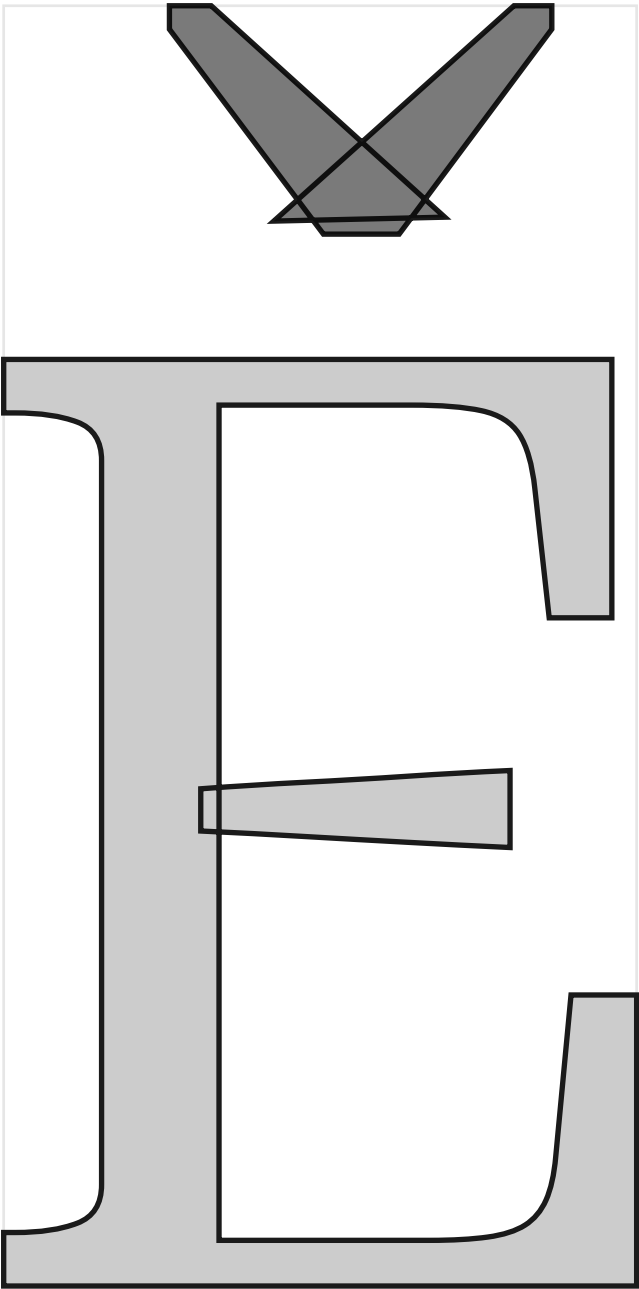'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation
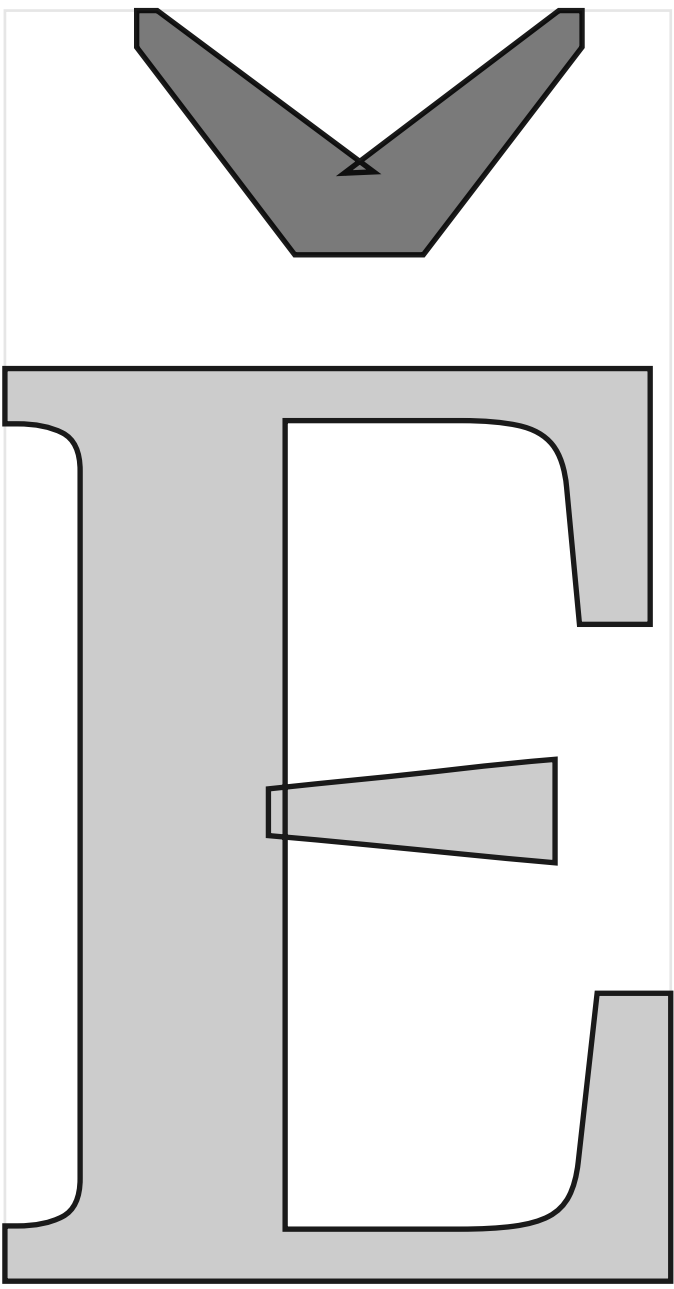
'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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underweight
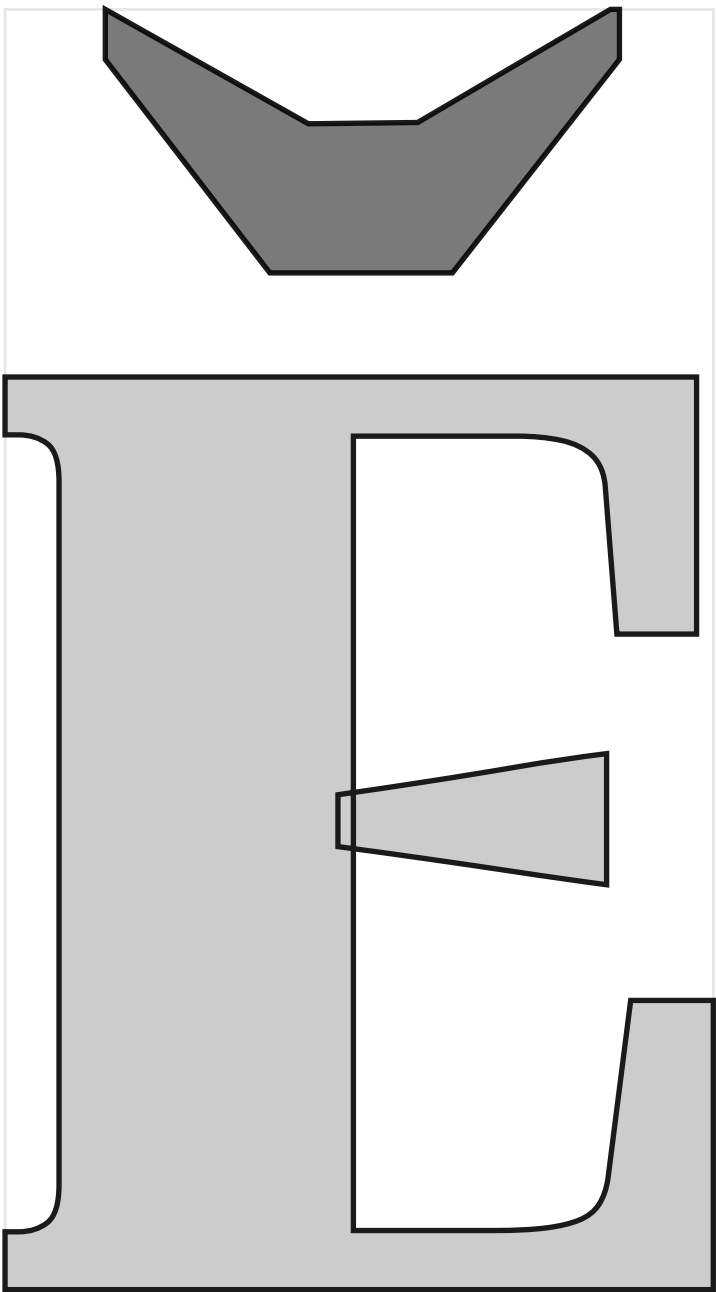
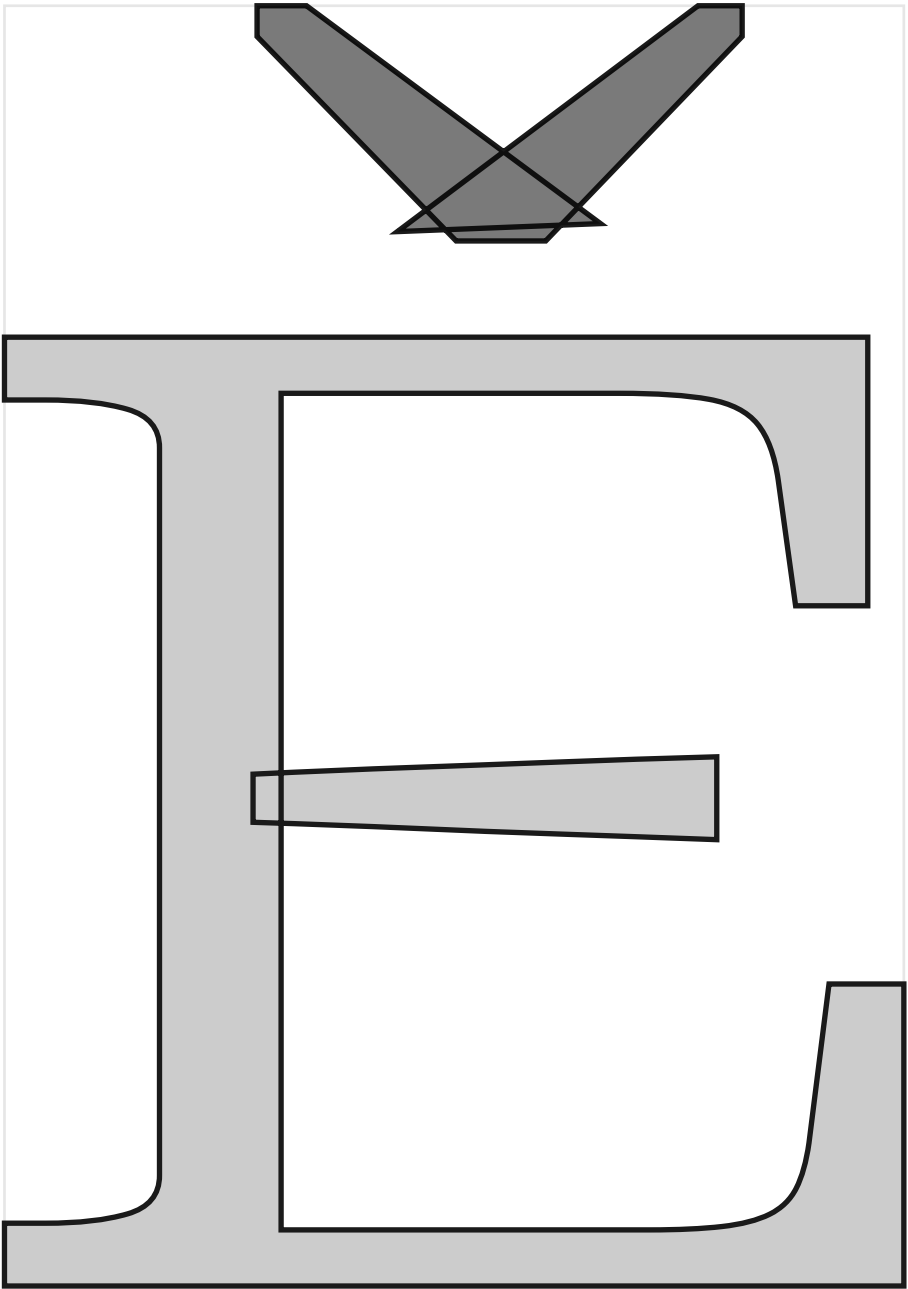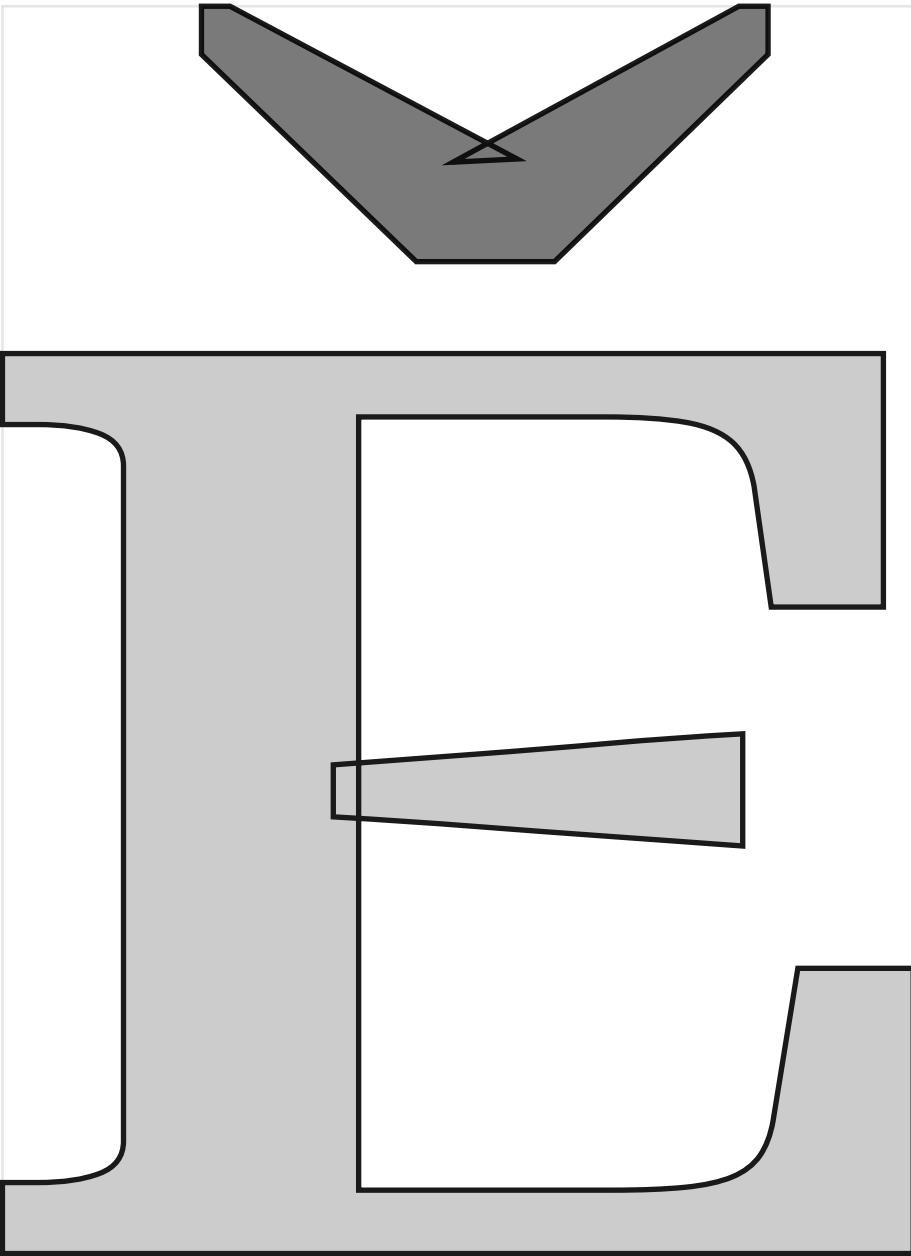'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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underweight
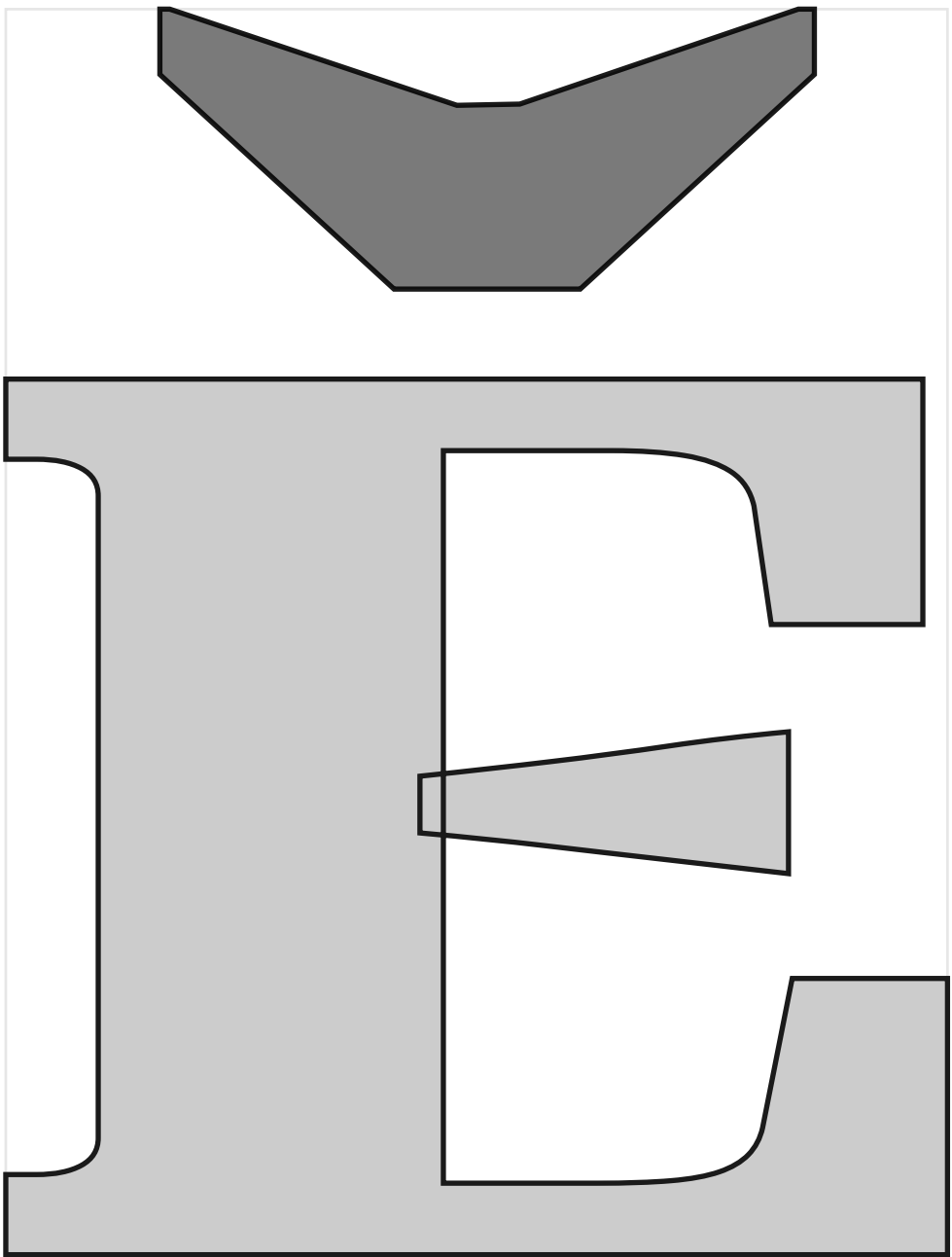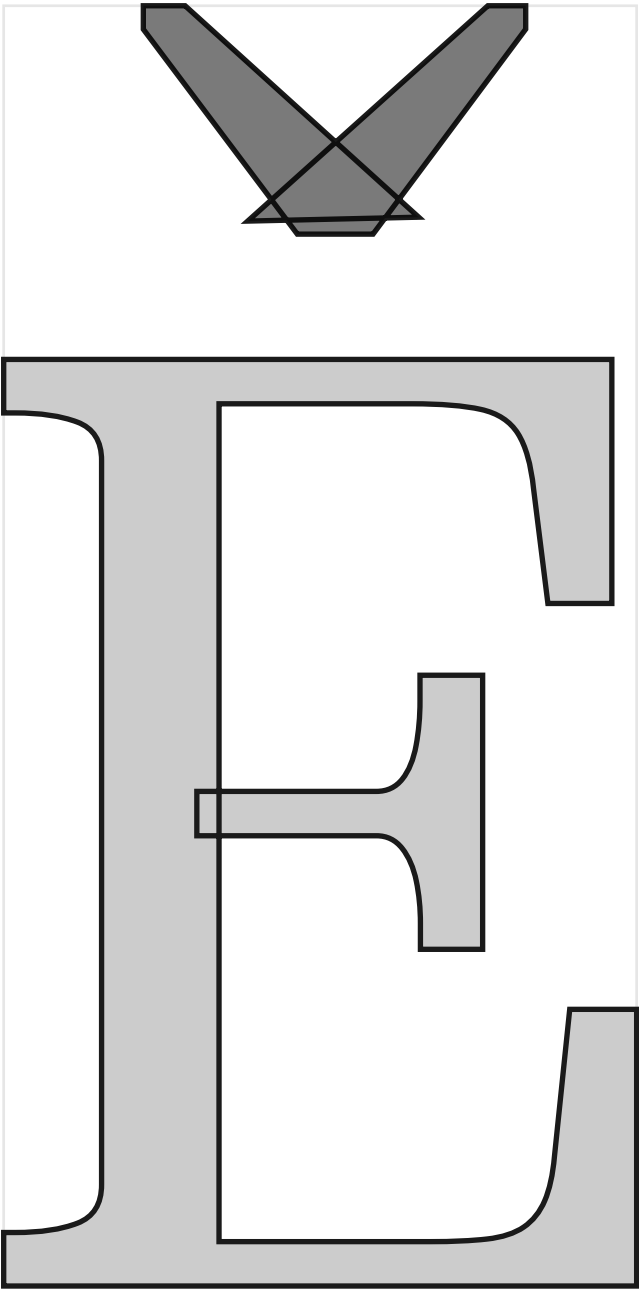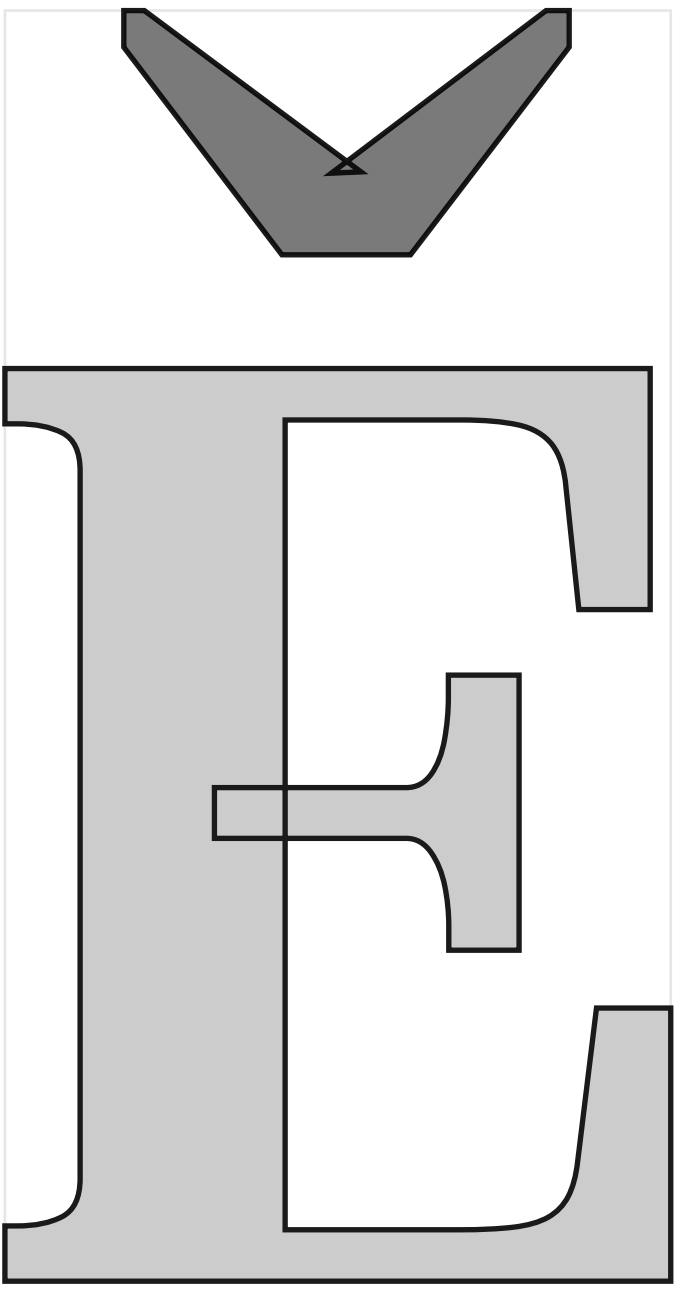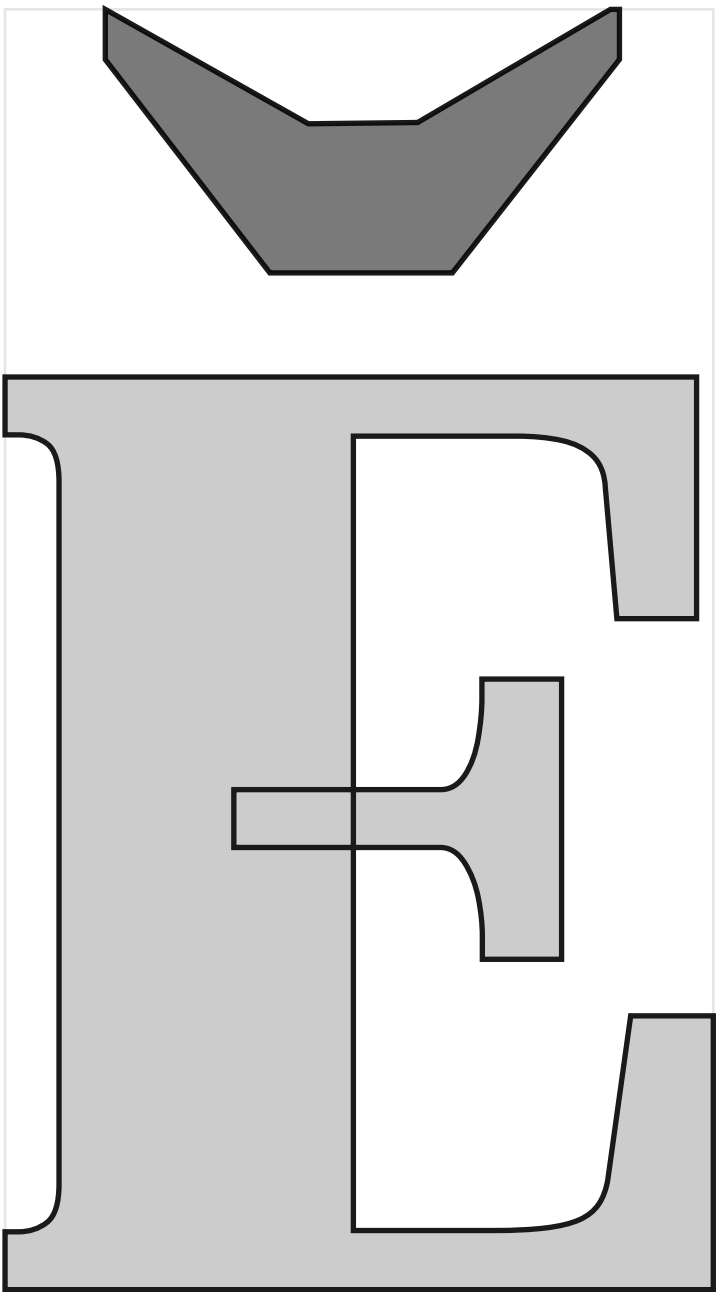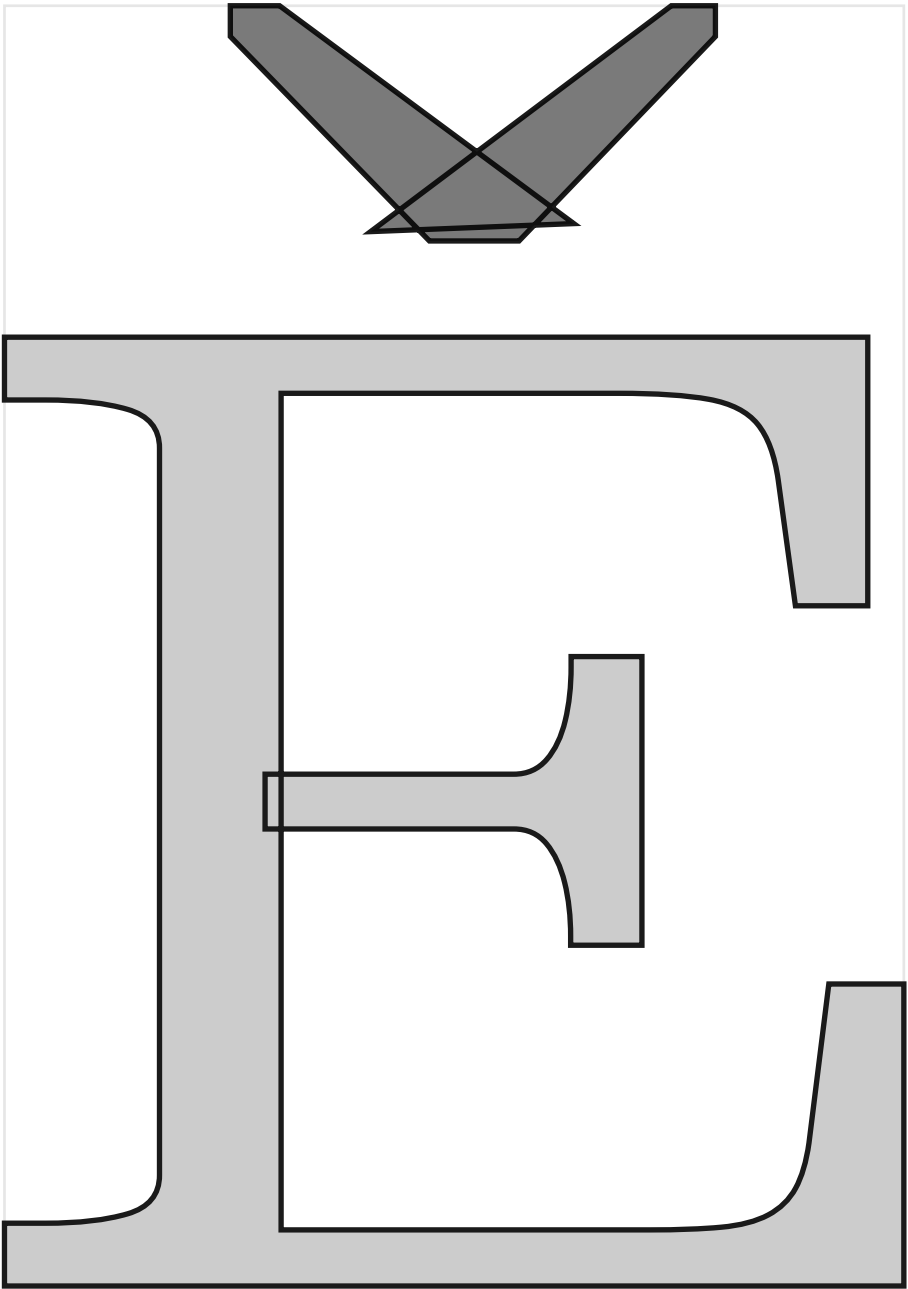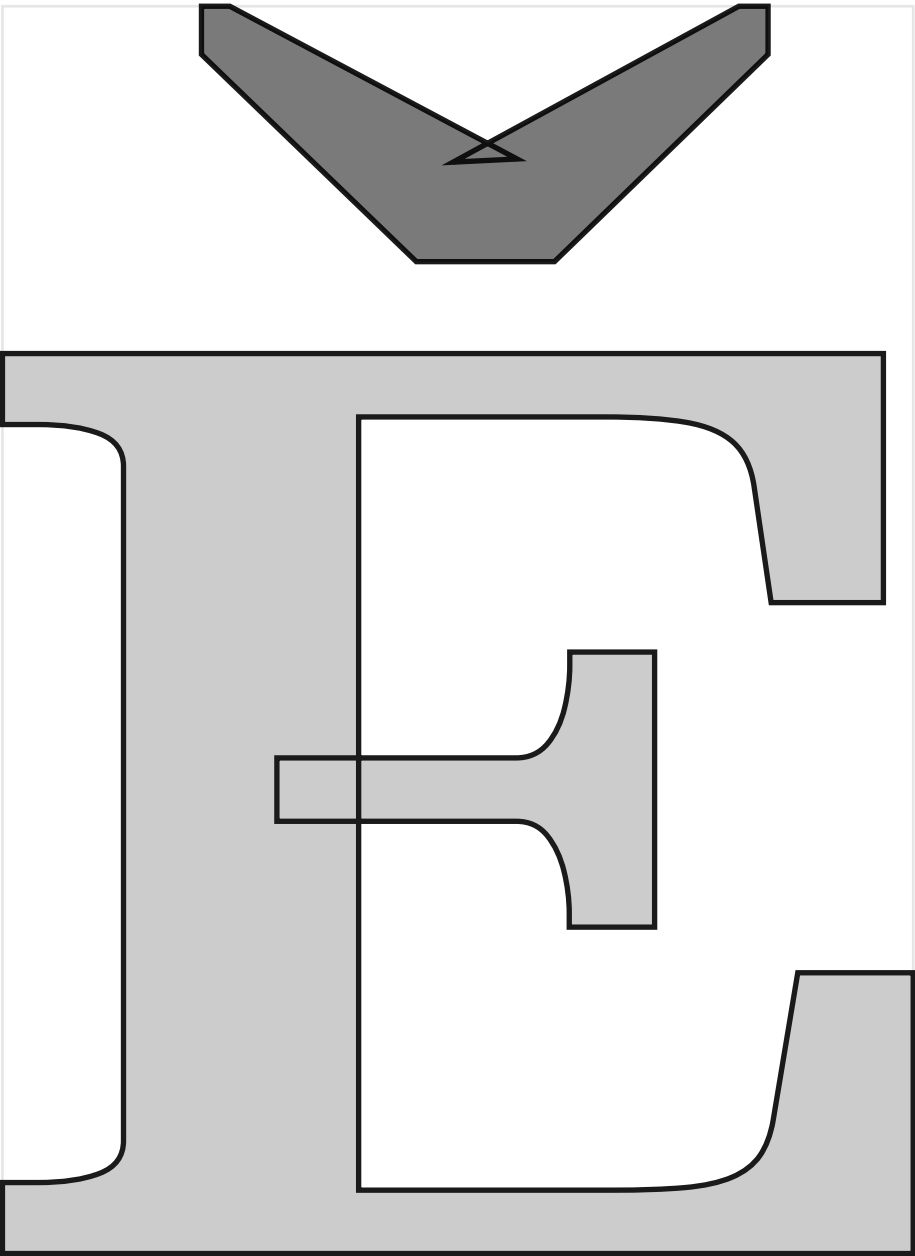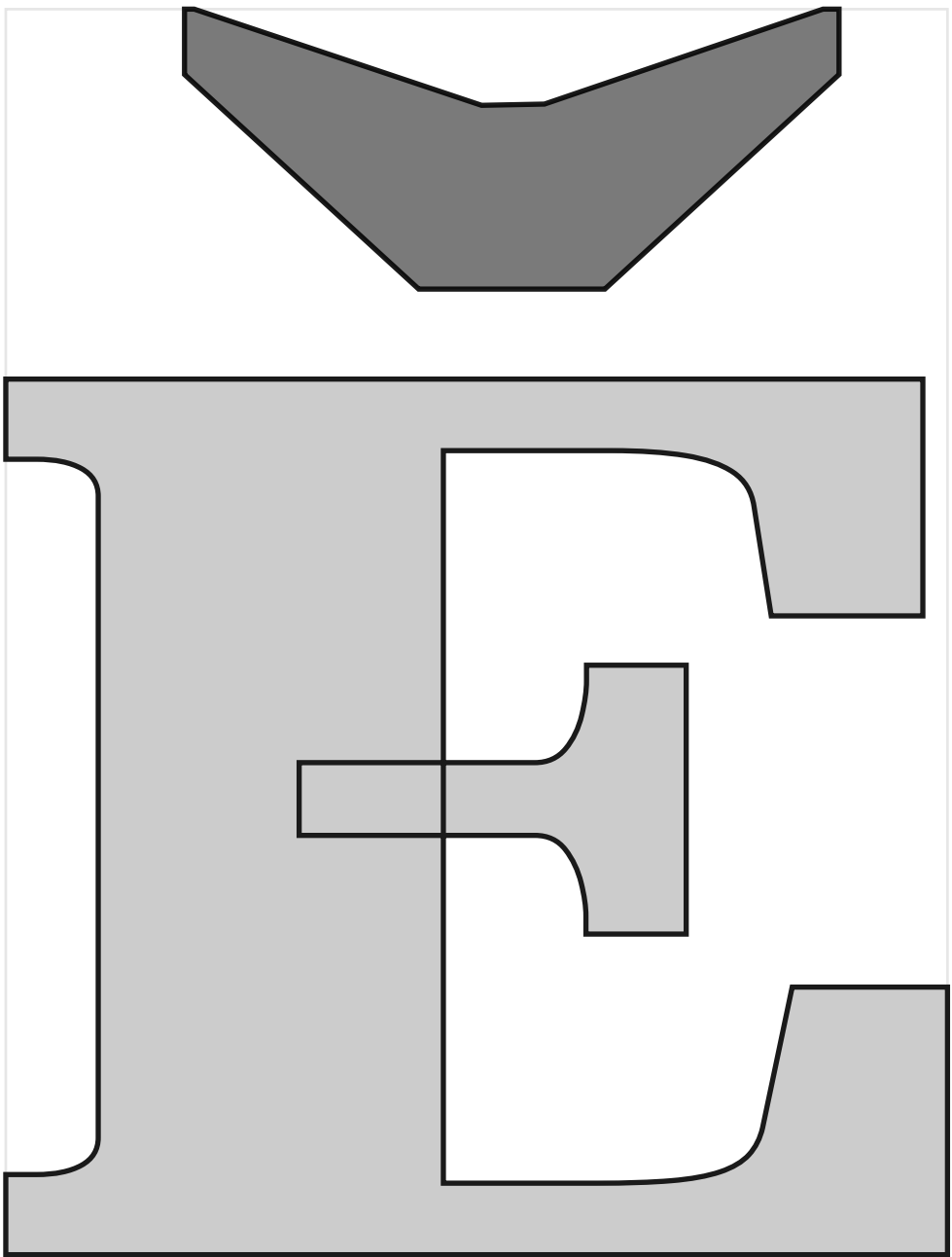
'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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# Glyph name: Ecaron

## underweight

### 'GRAD=−50.0 opsz=8.0 wdth=150.0'

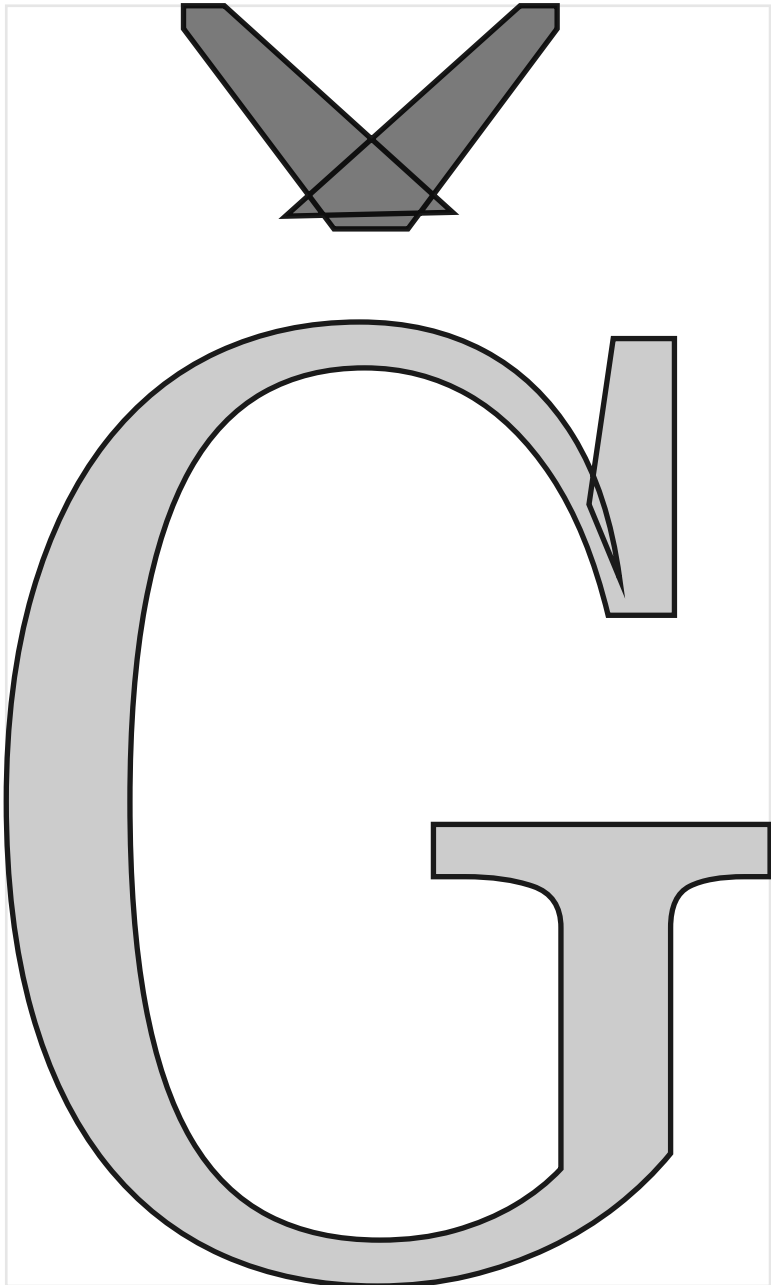### midway interpolation

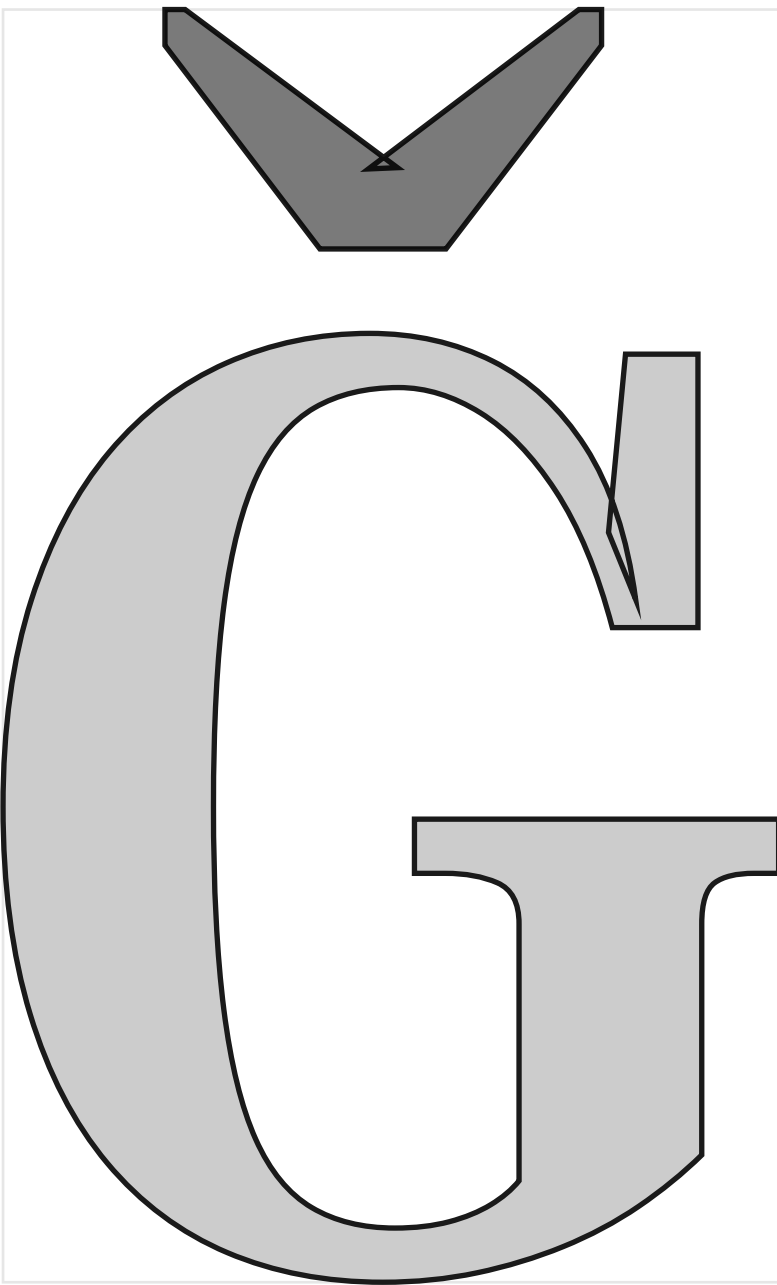### 'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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underweight
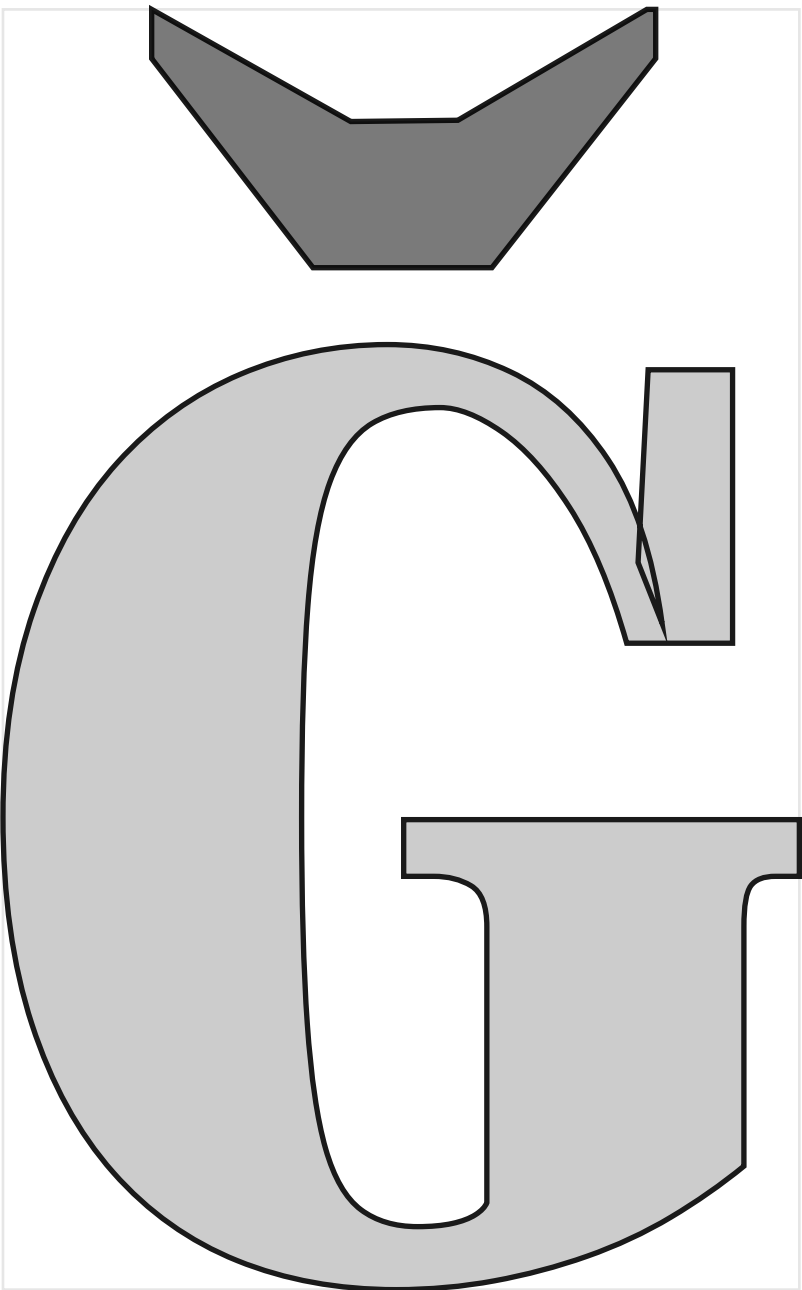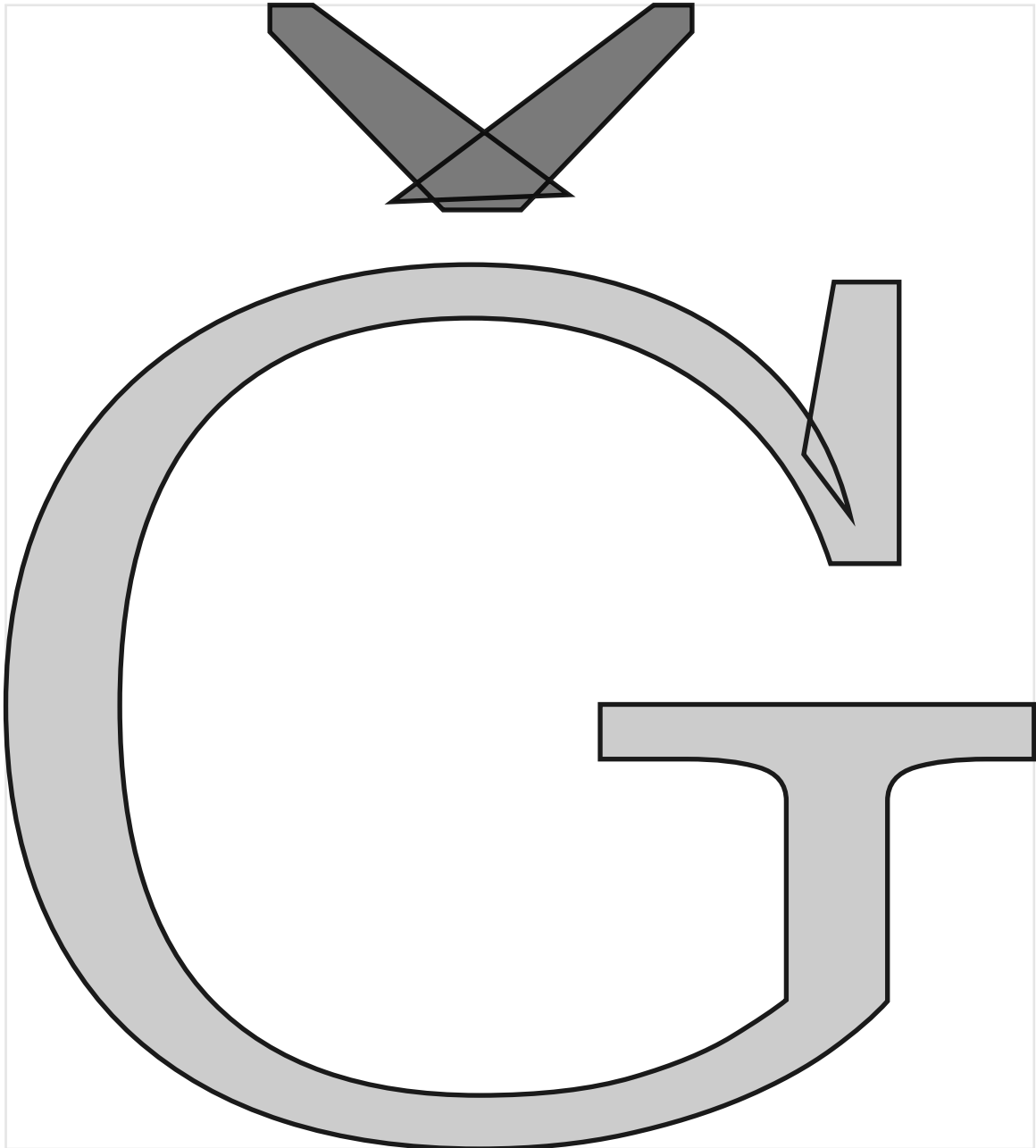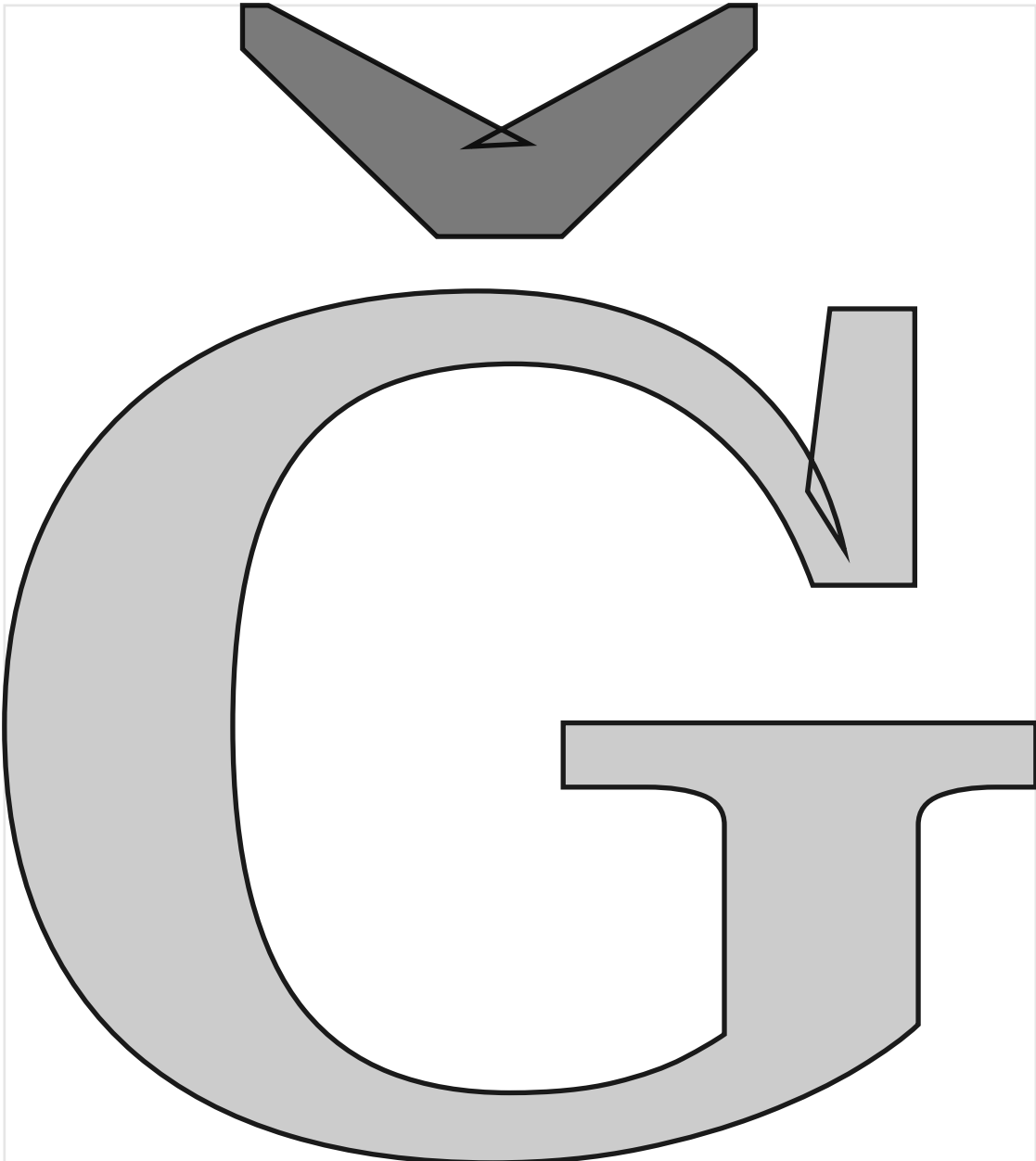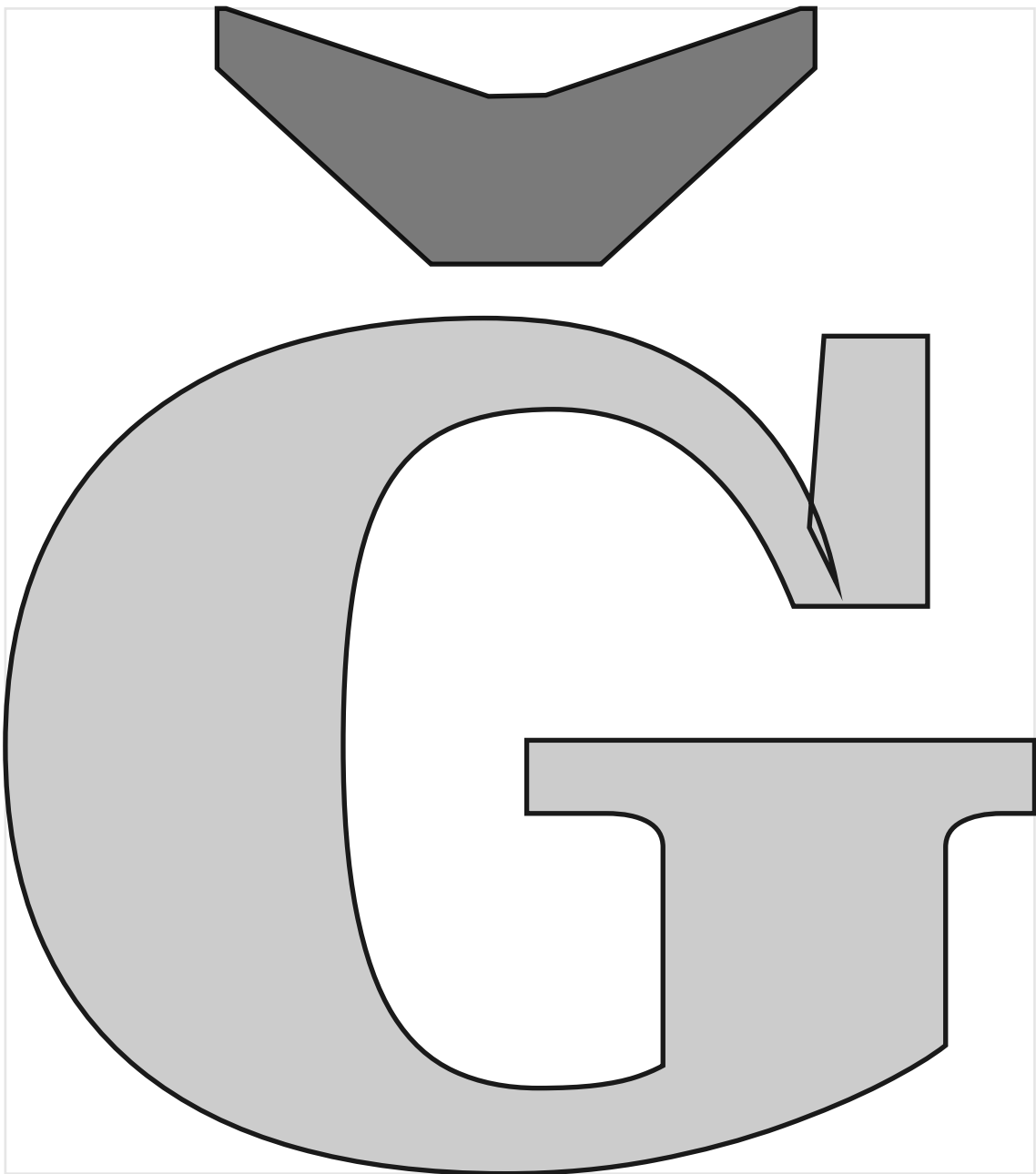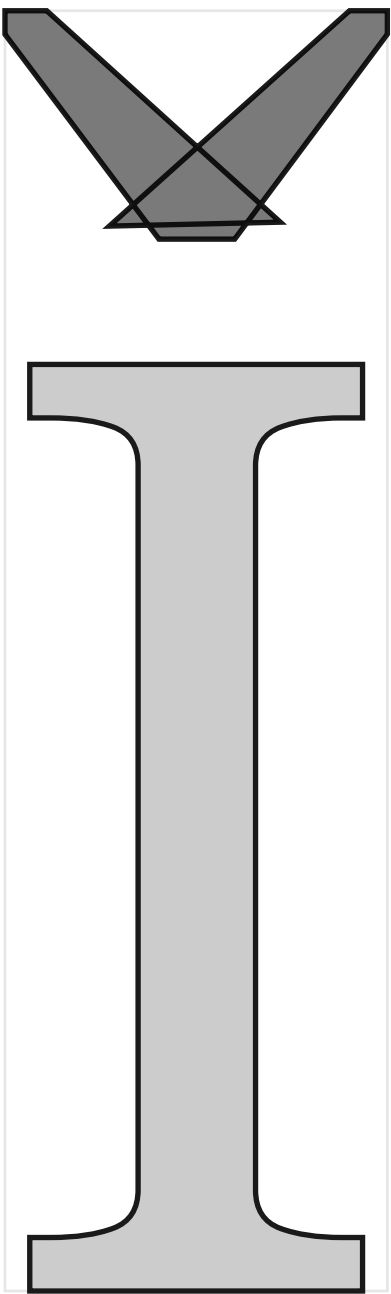
'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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## underweight

### 'GRAD=−50.0 opsz=8.0 wdth=150.0'

### midway interpolation

### 'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'
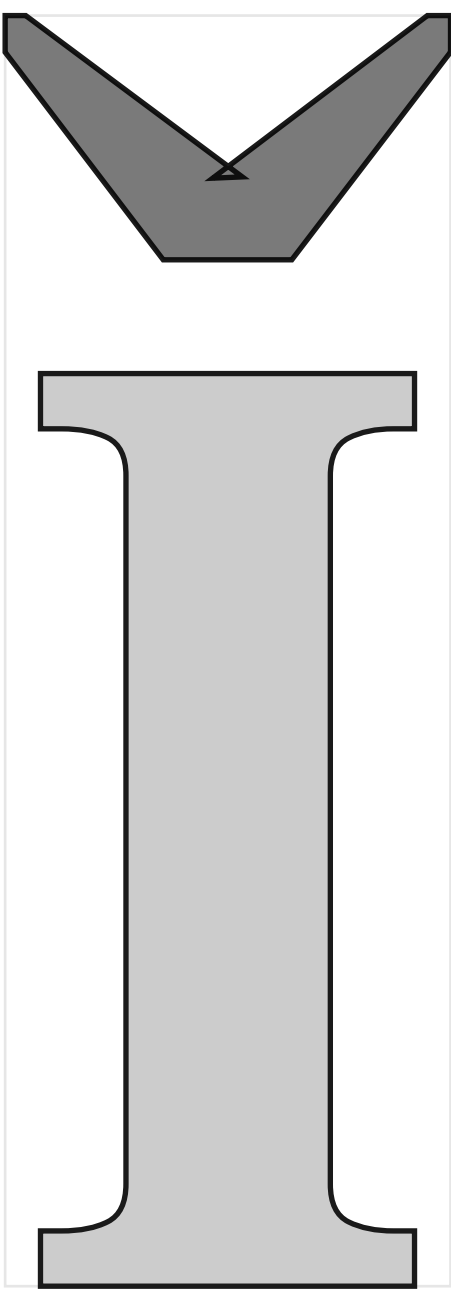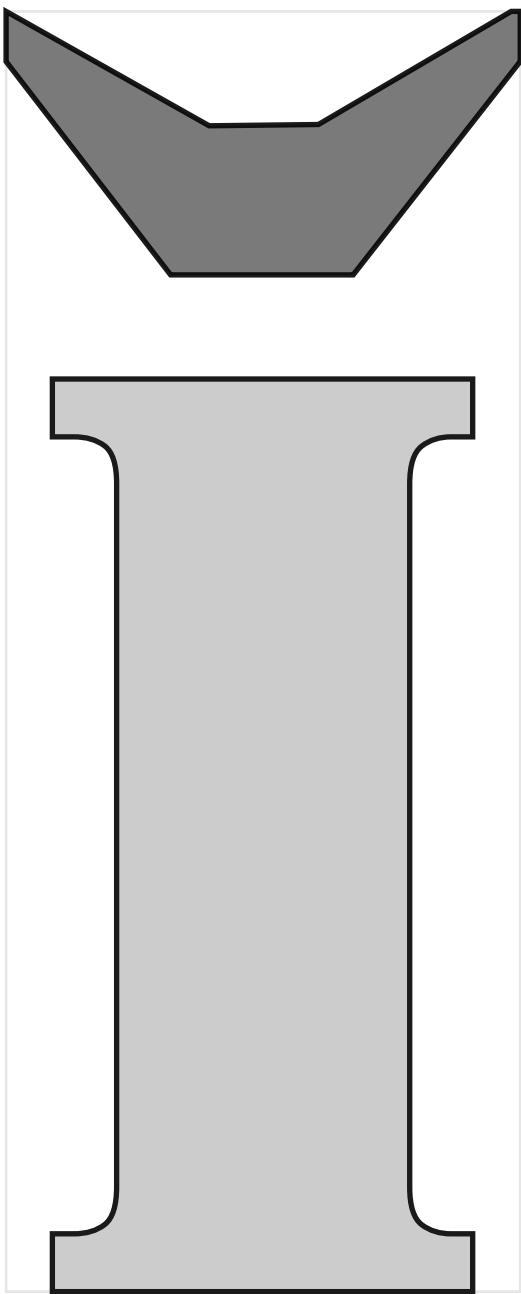
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# Glyph name: Gcaron

## underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'
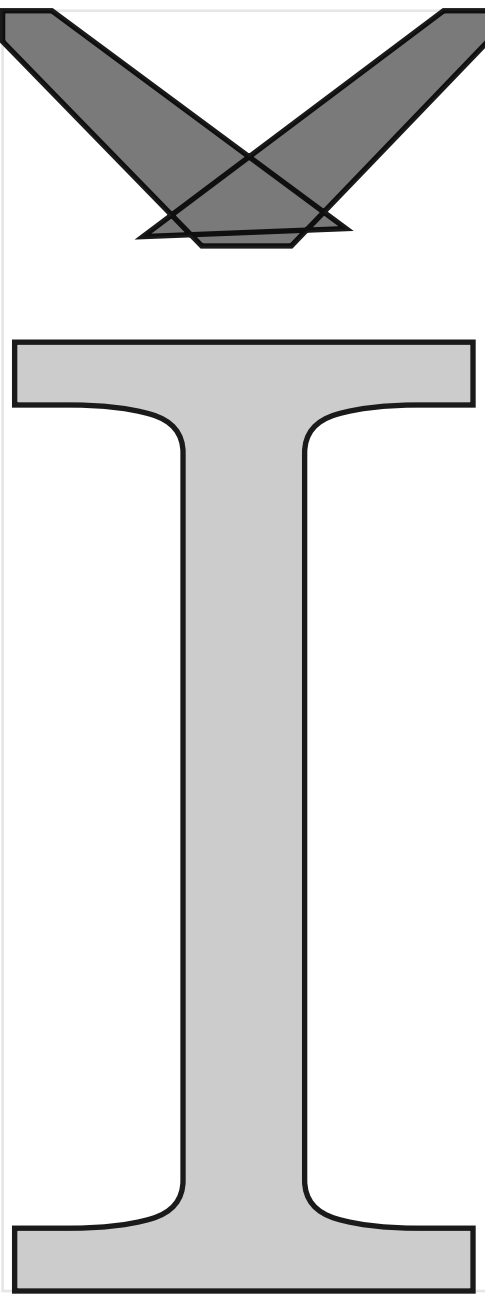
midway interpolation
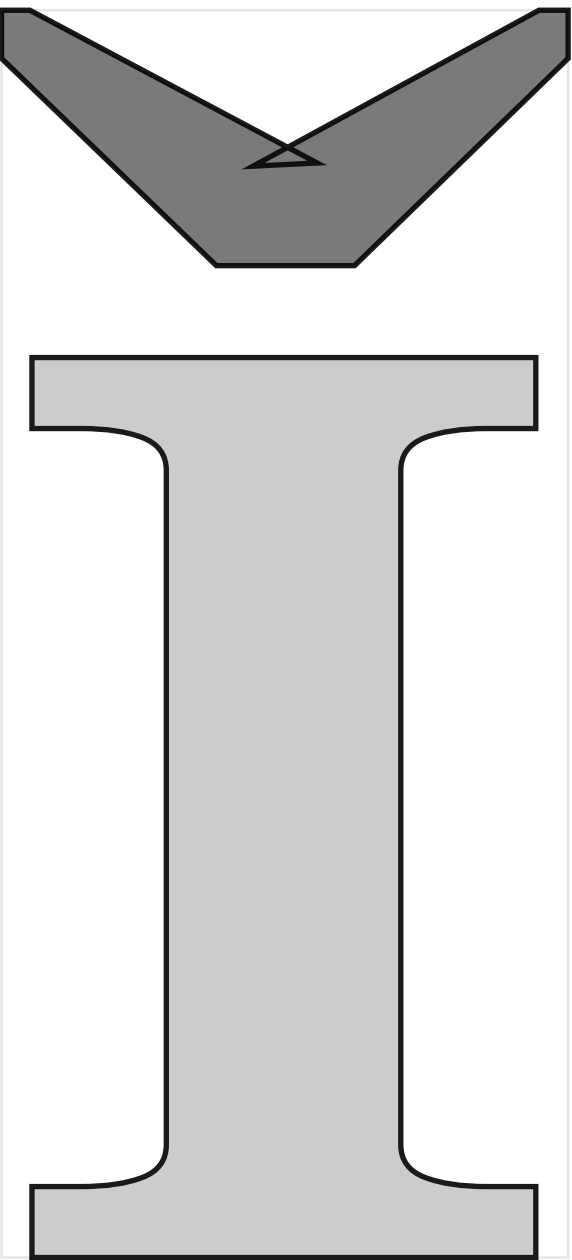
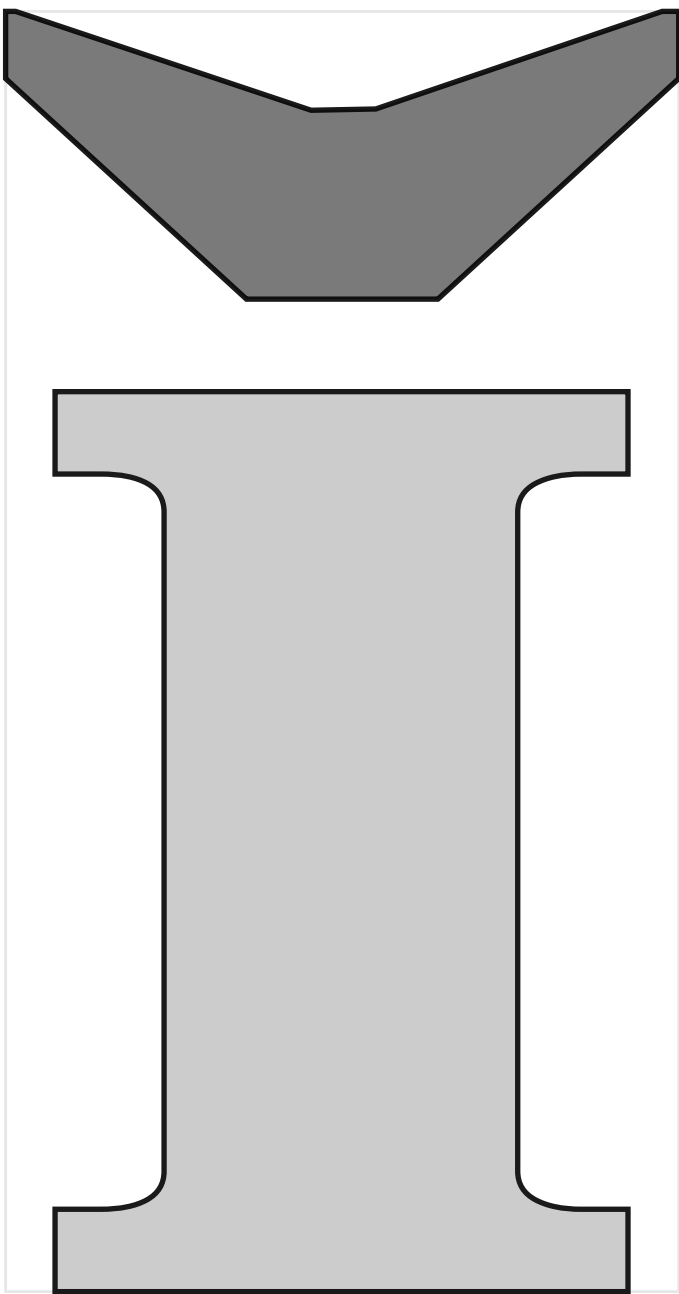'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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underweight

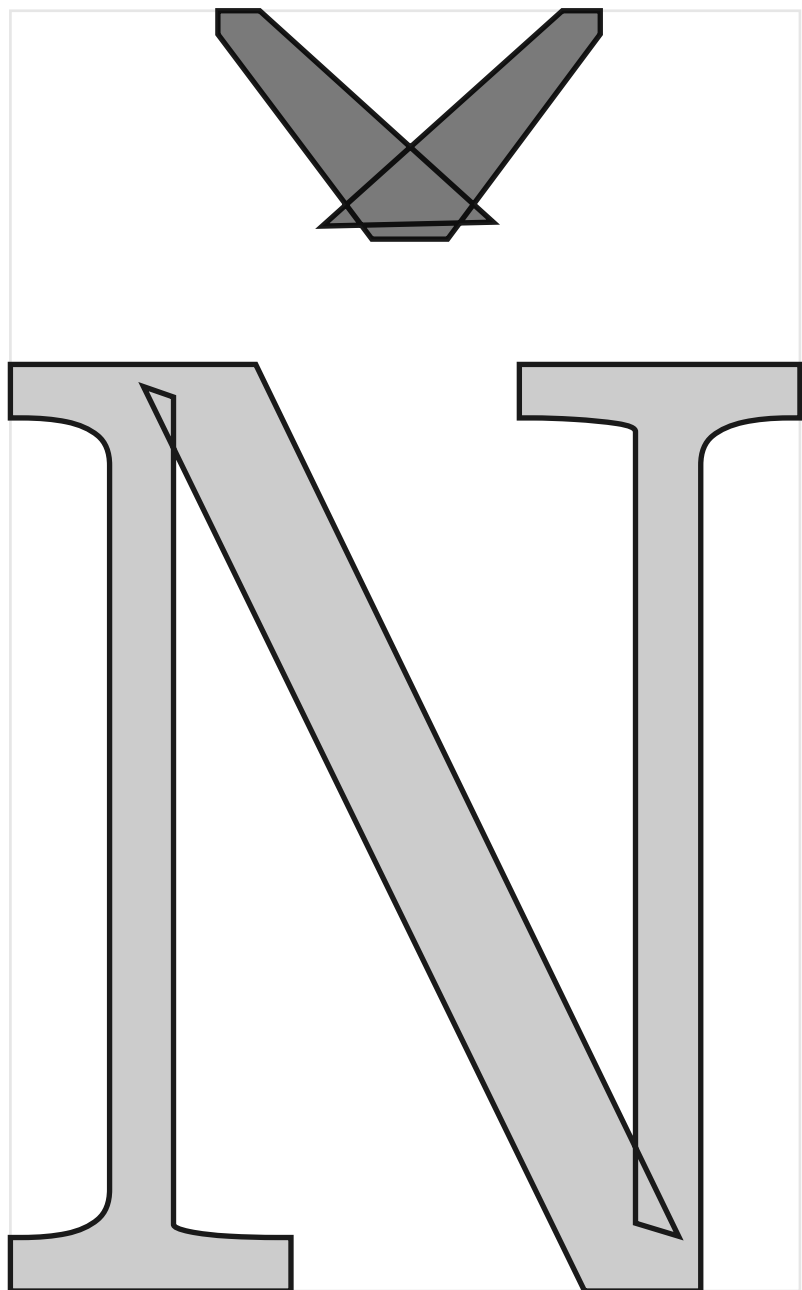'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation
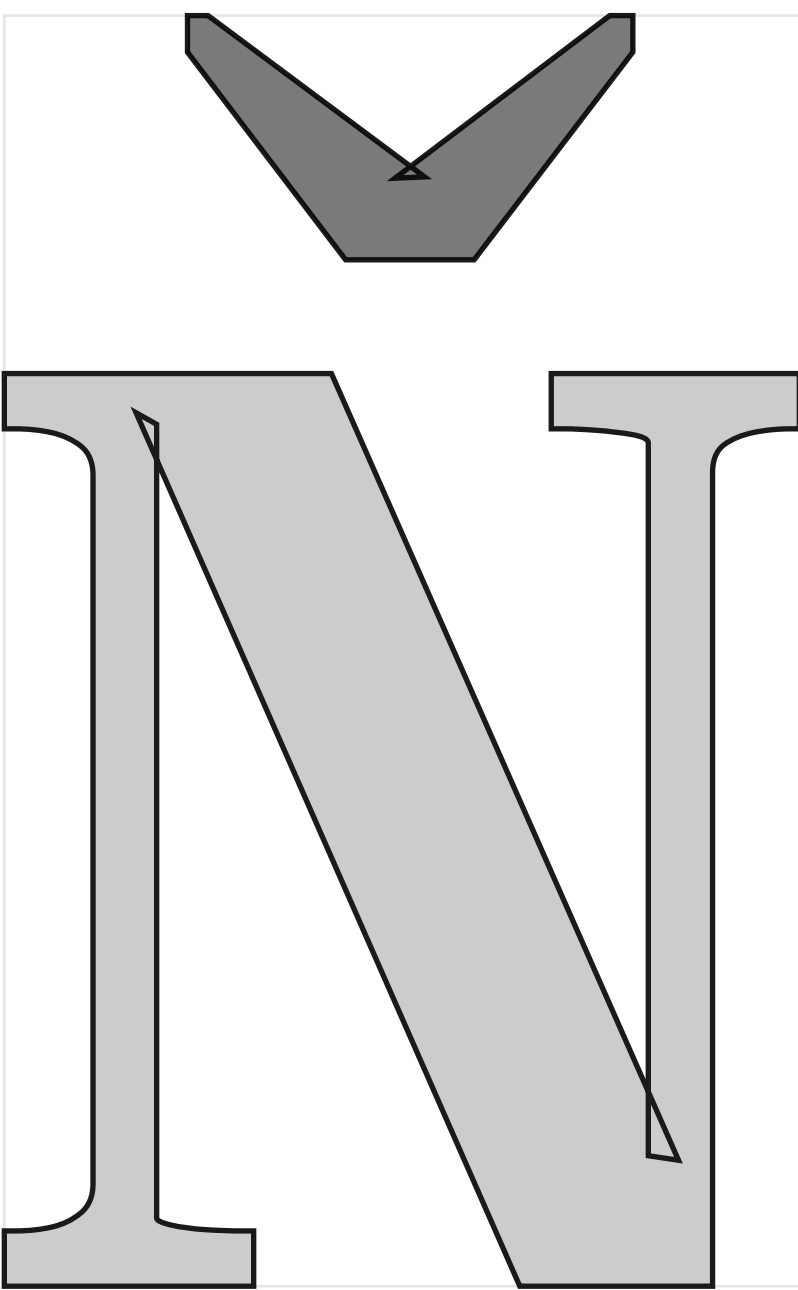
'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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underweight
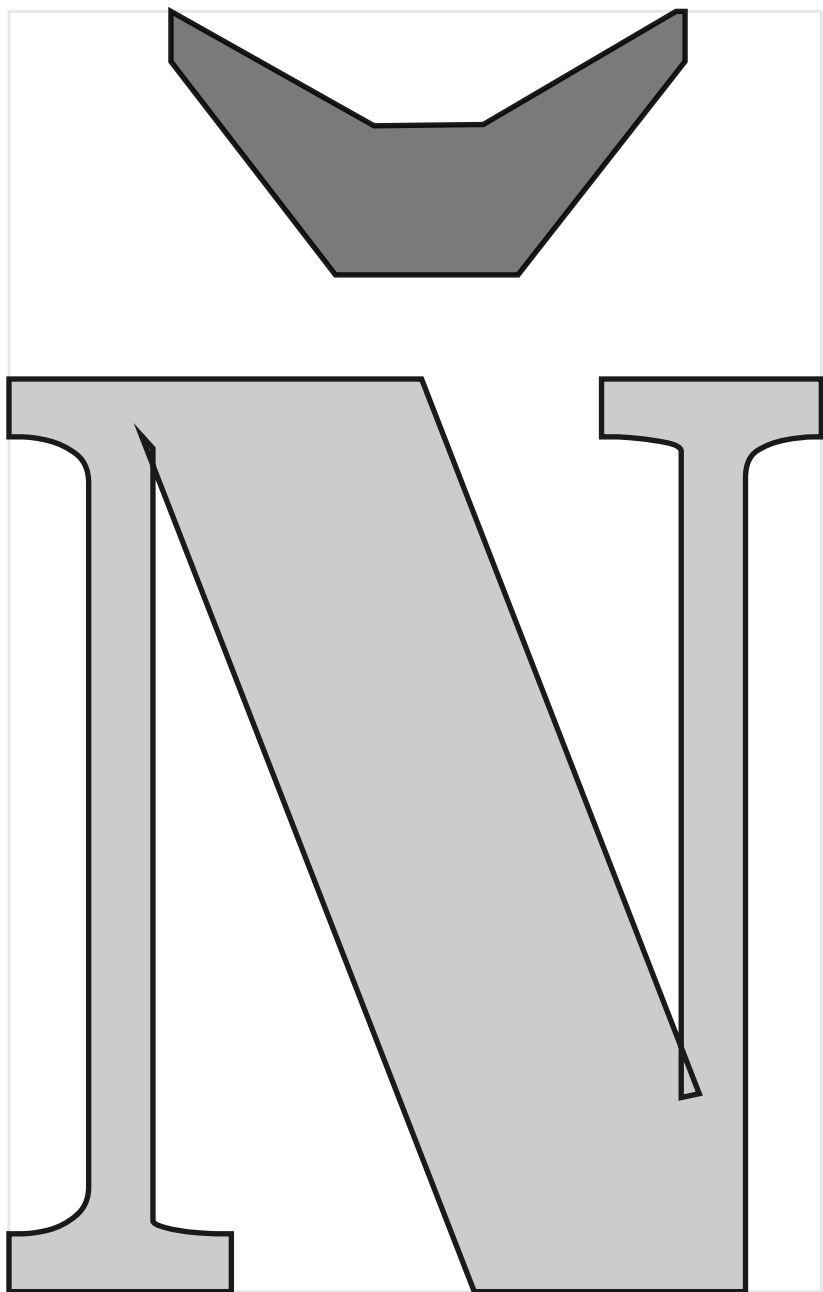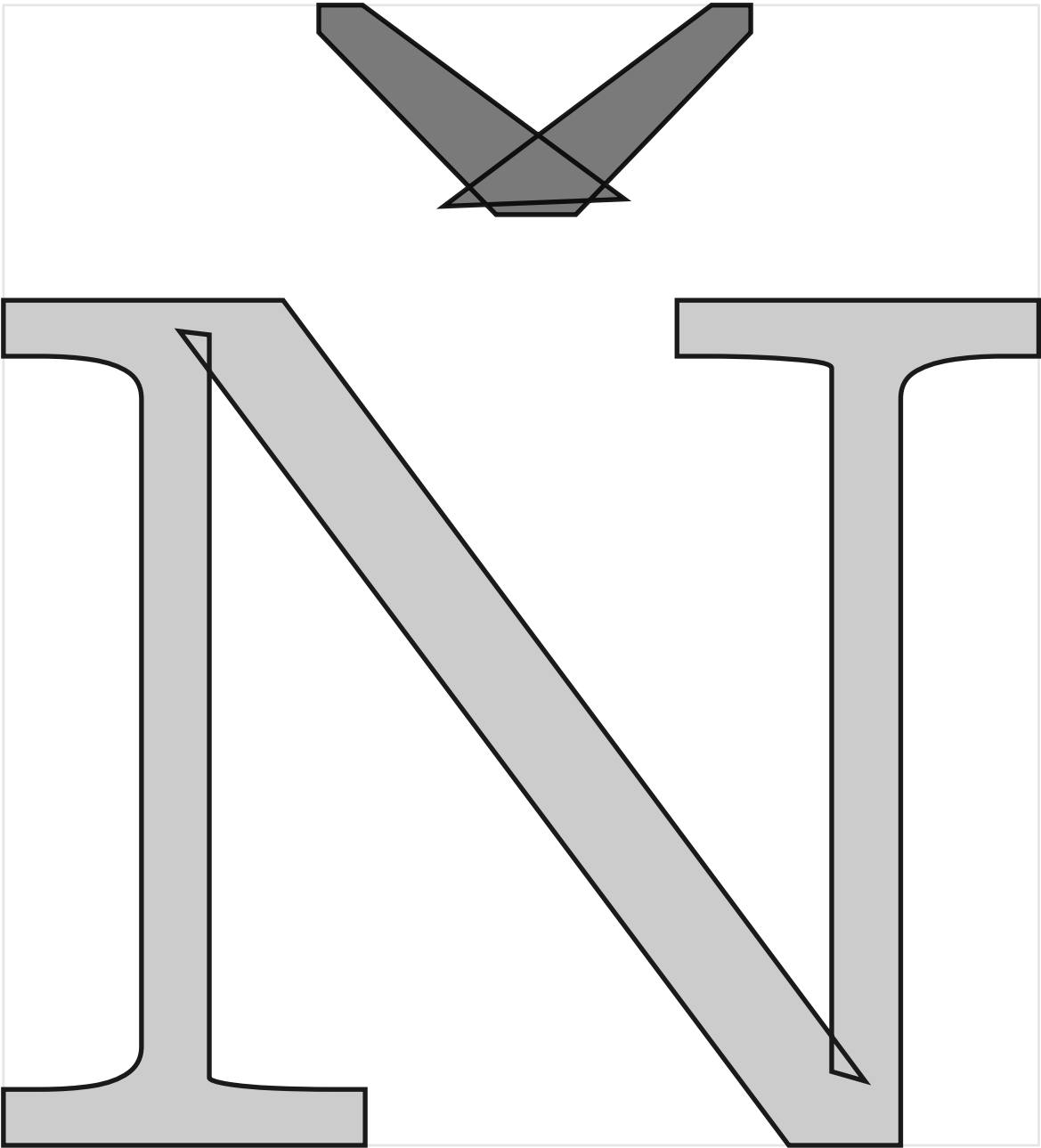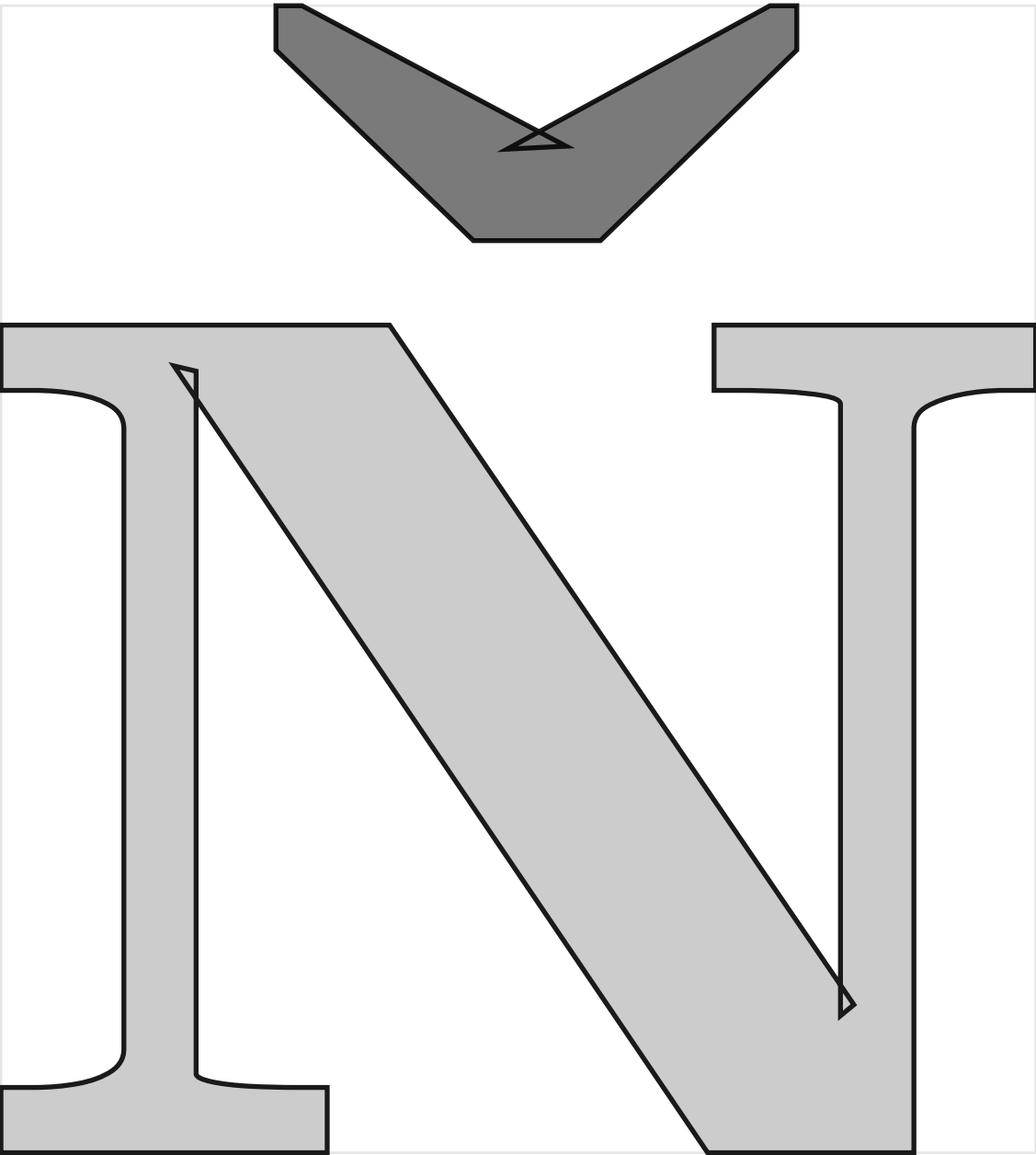
'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'
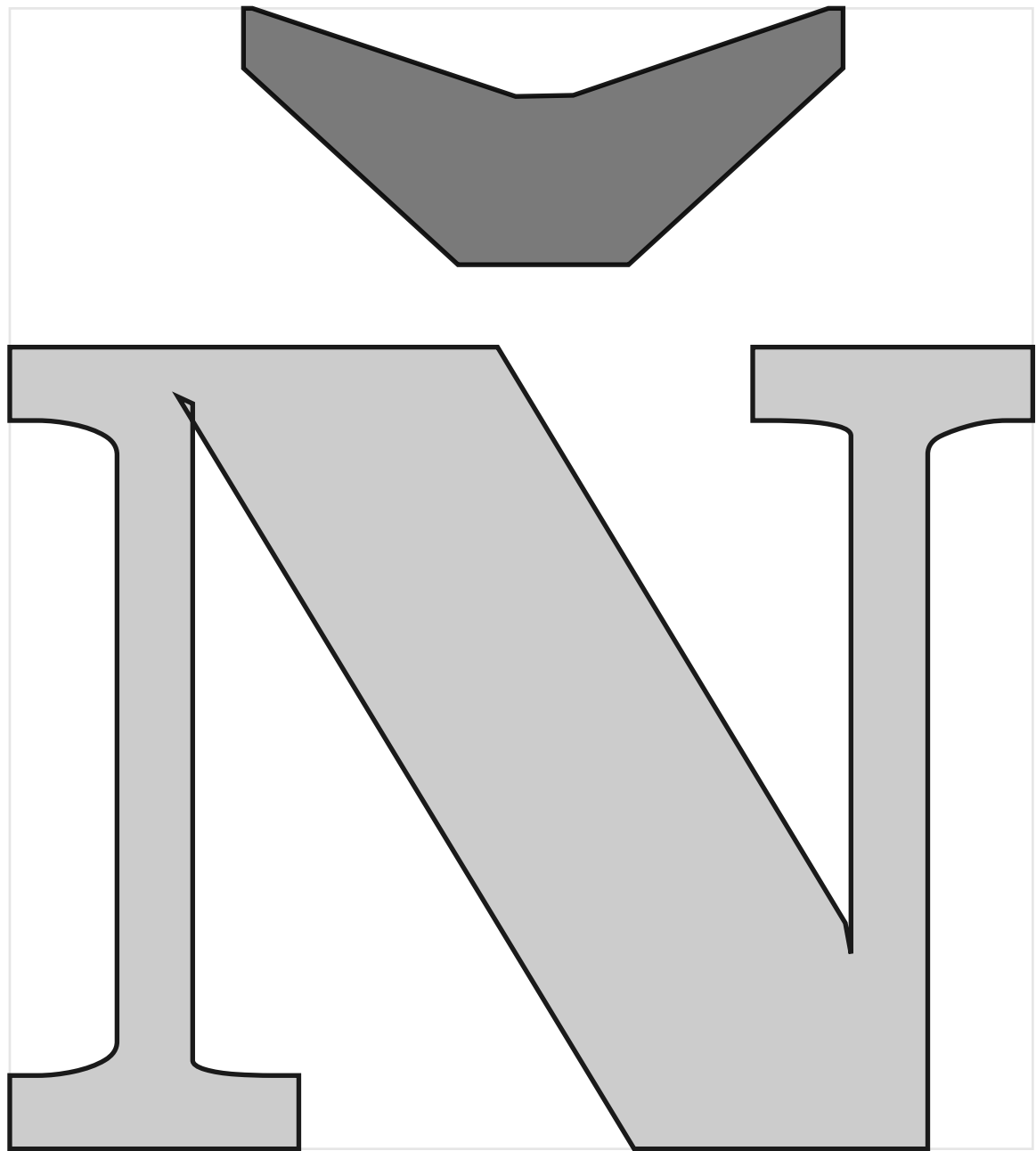
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# Glyph name: Icaron

underweight

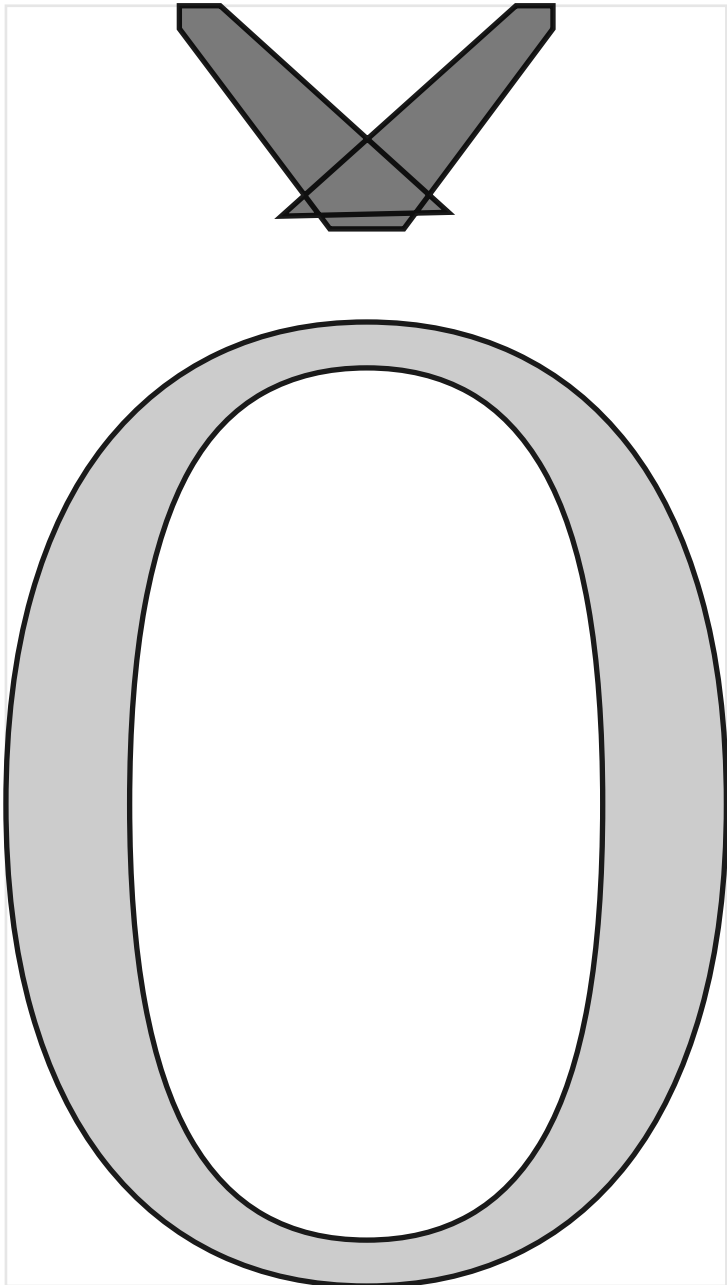'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation
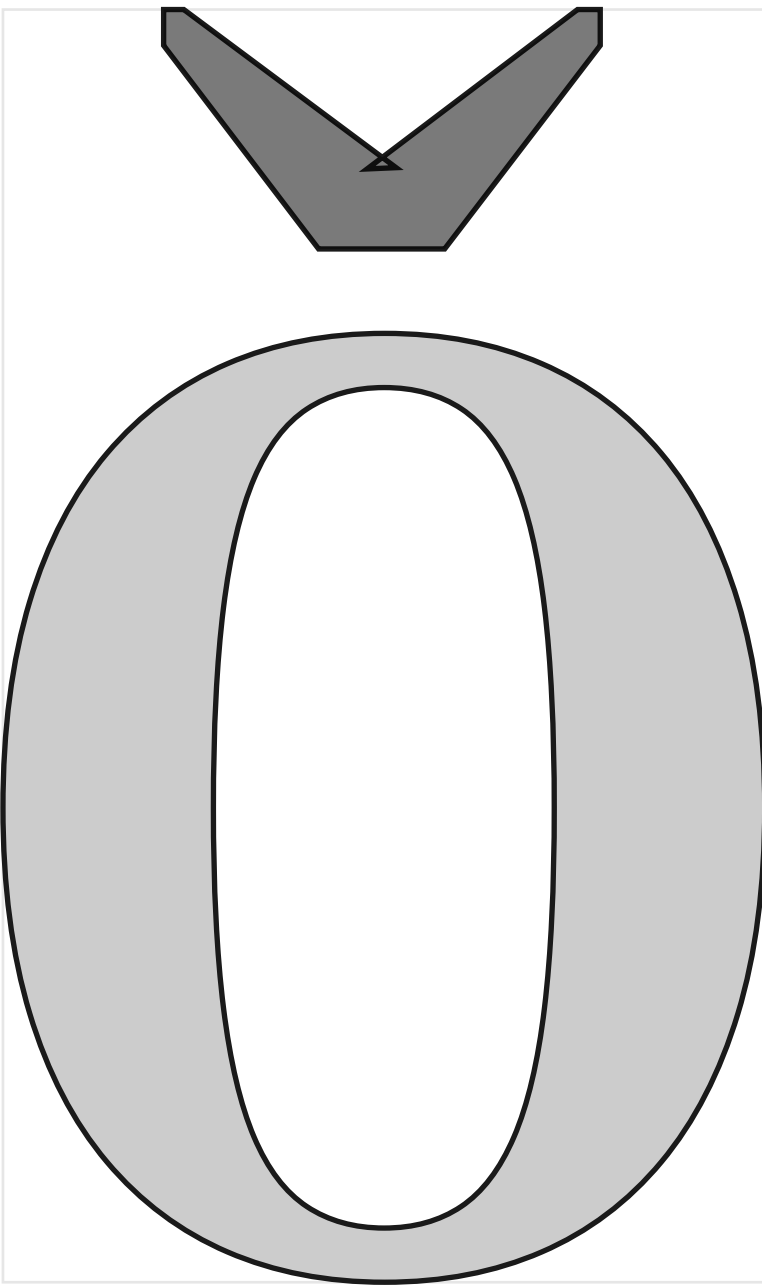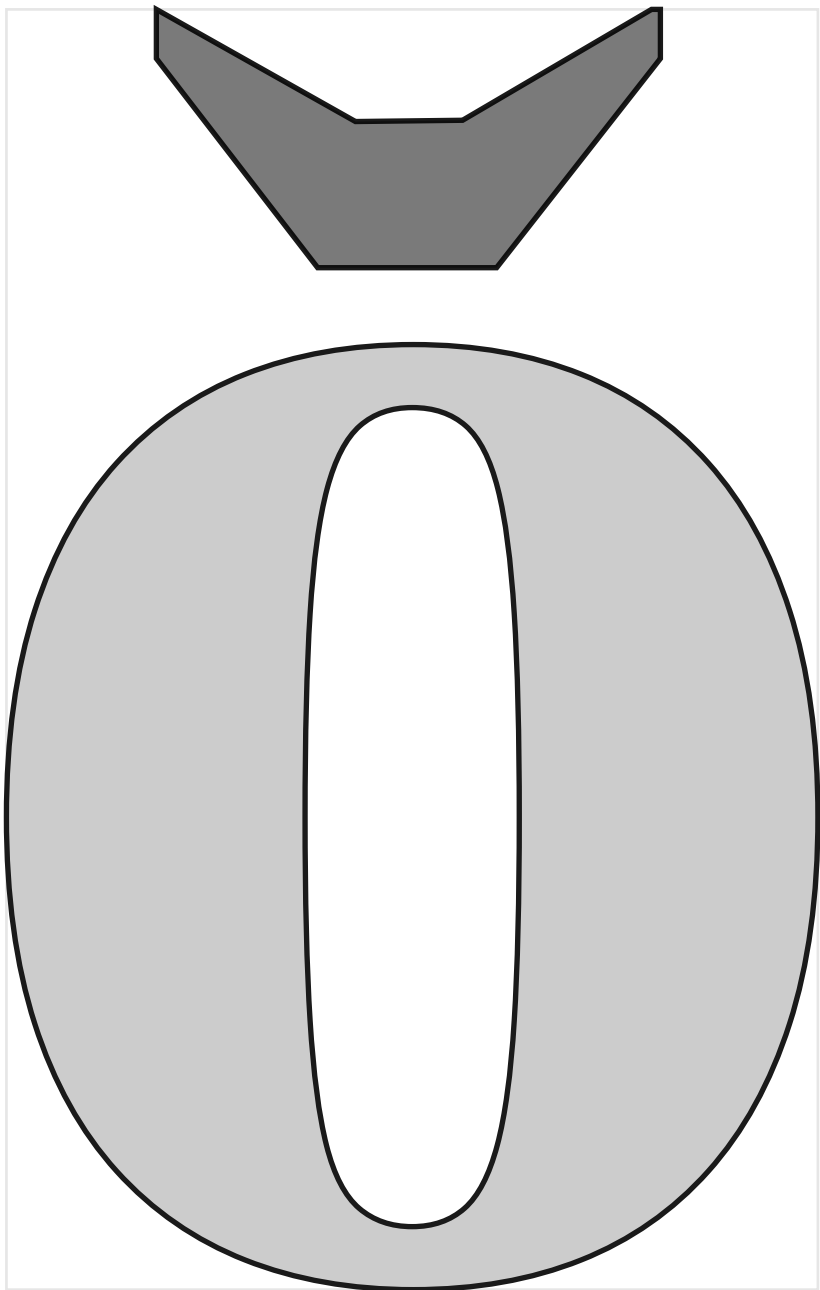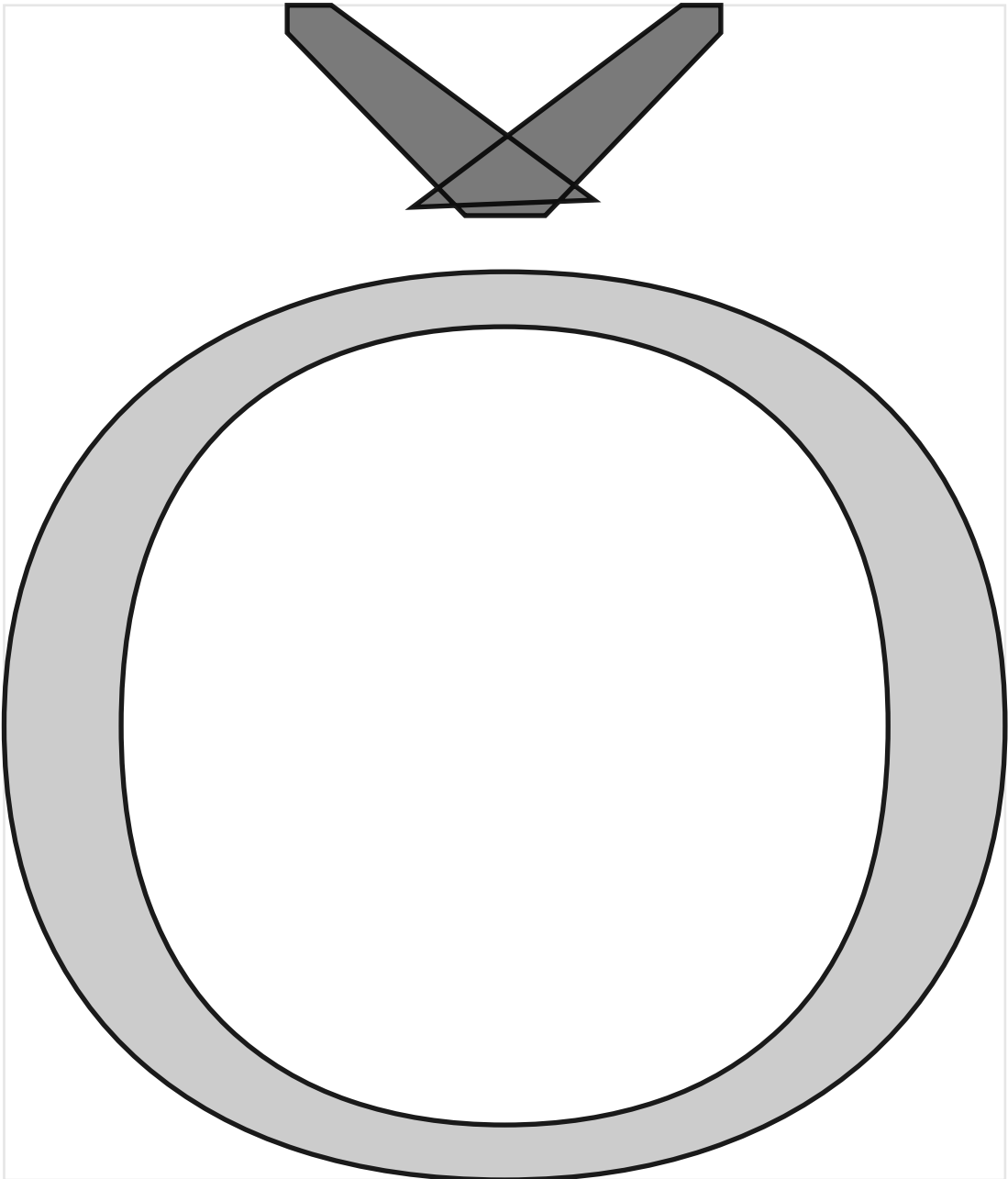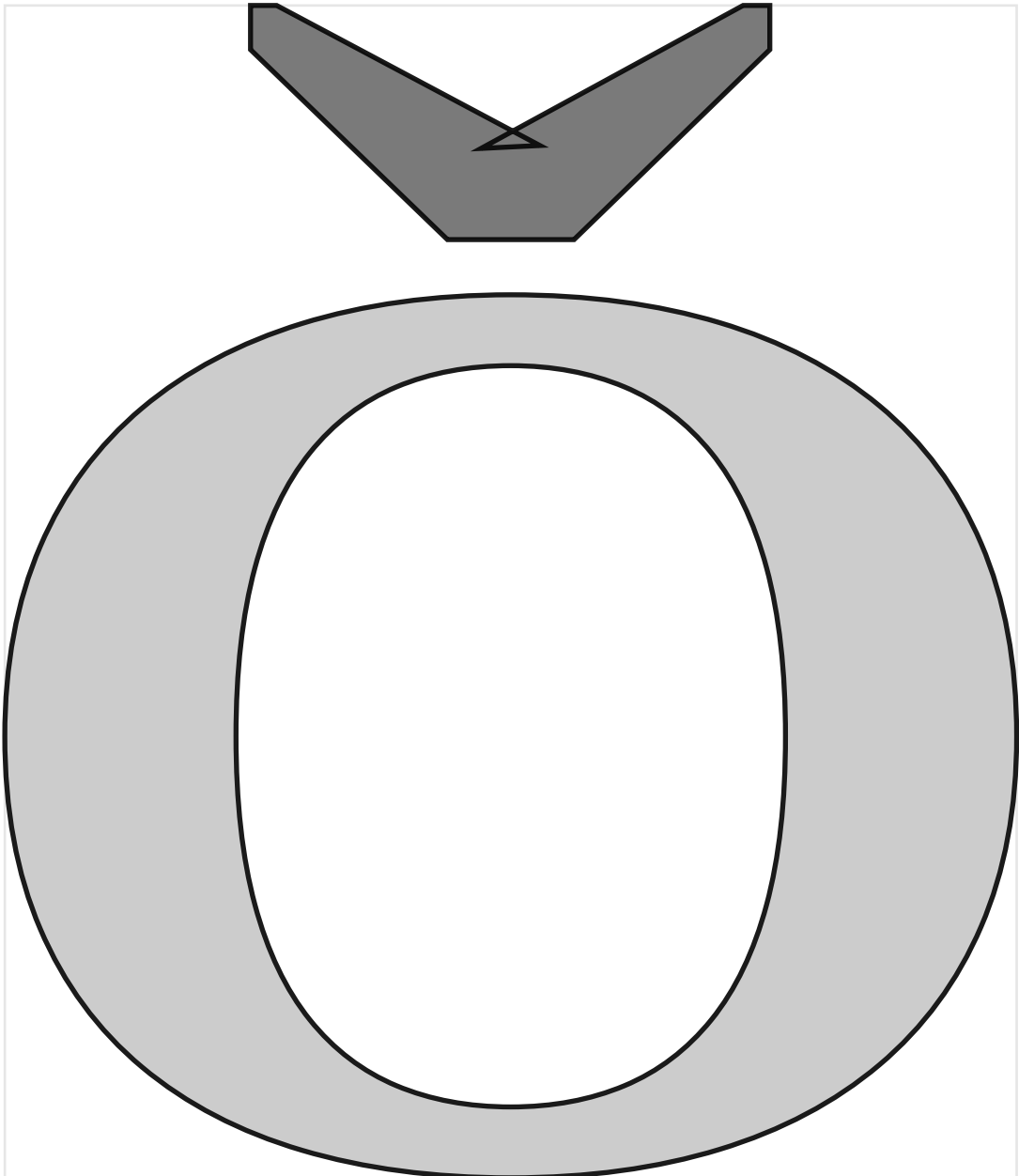
'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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# Glyph name: Ncaron

## underweight

### 'GRAD=−50.0 opsz=8.0 wdth=150.0'

### midway interpolation

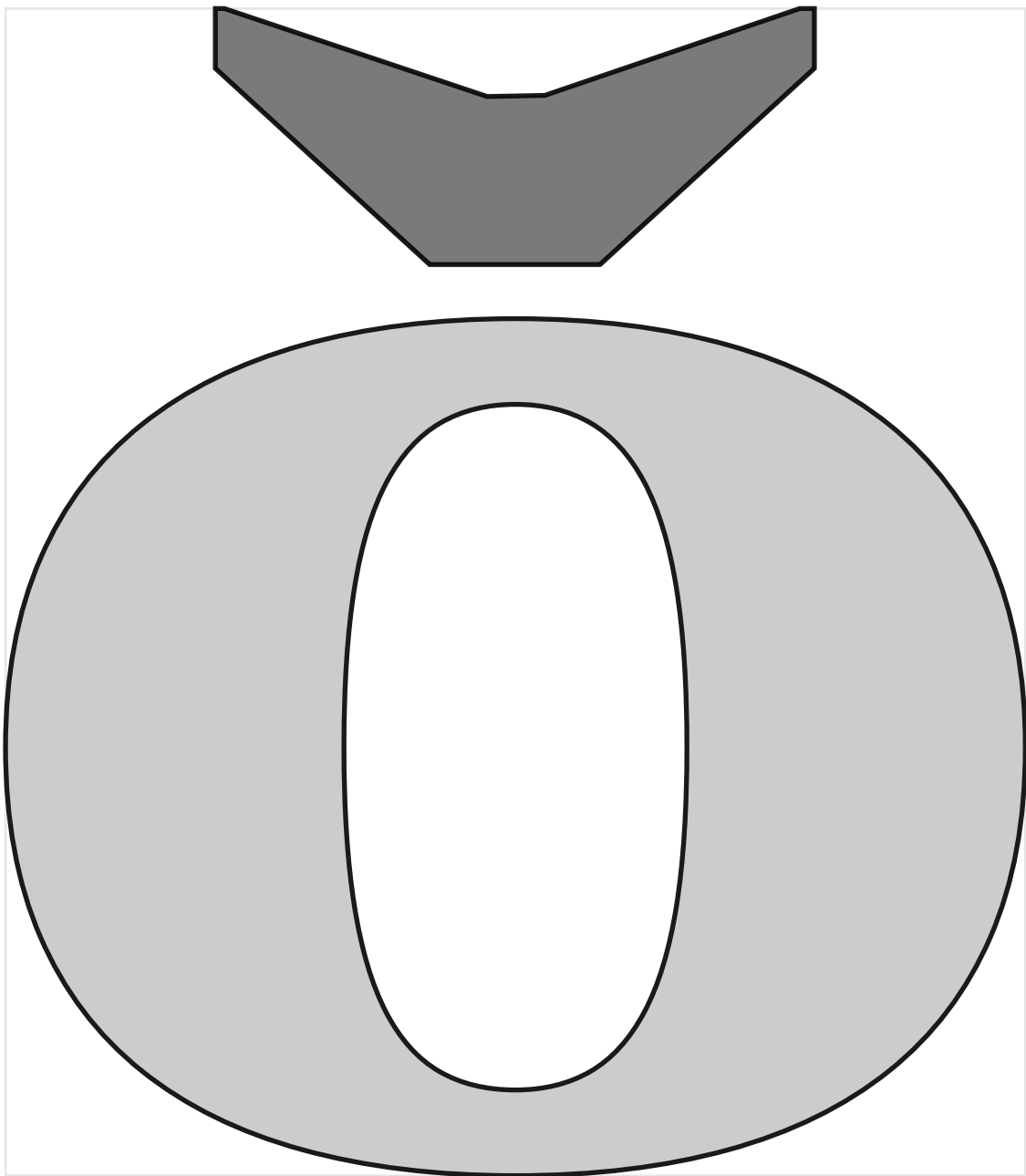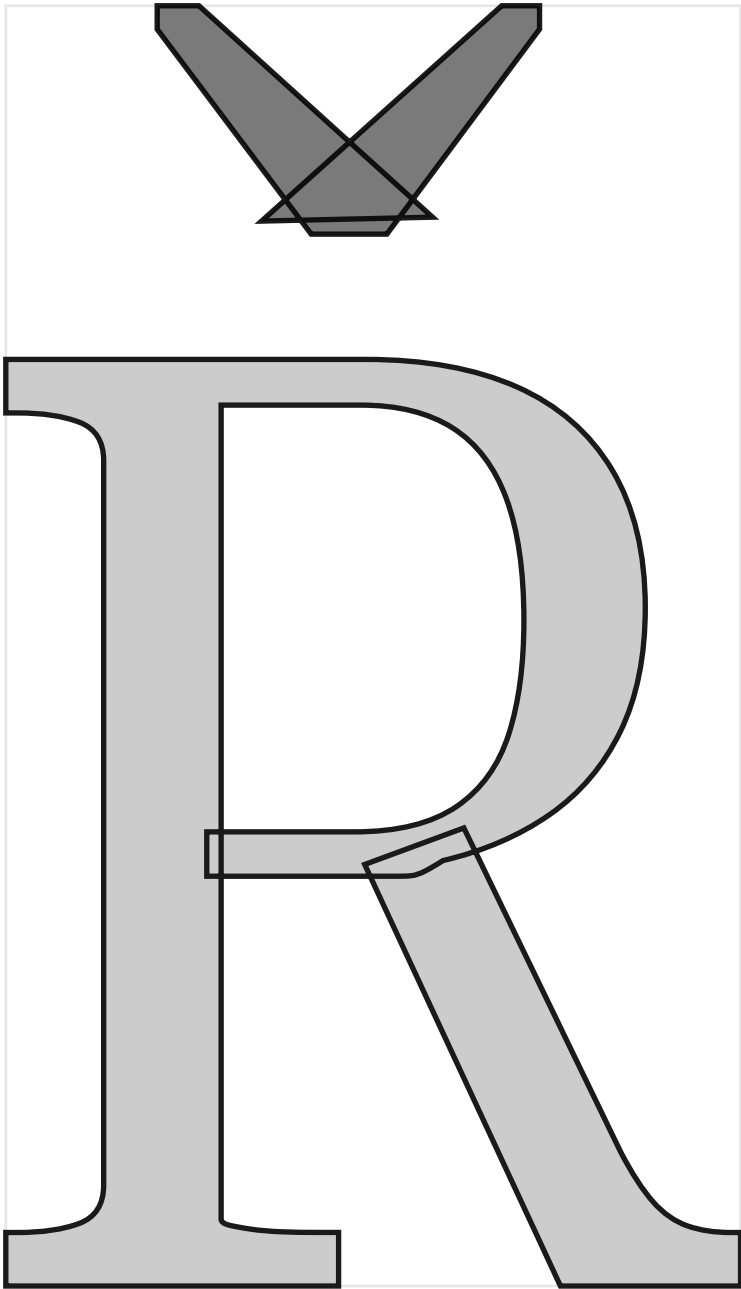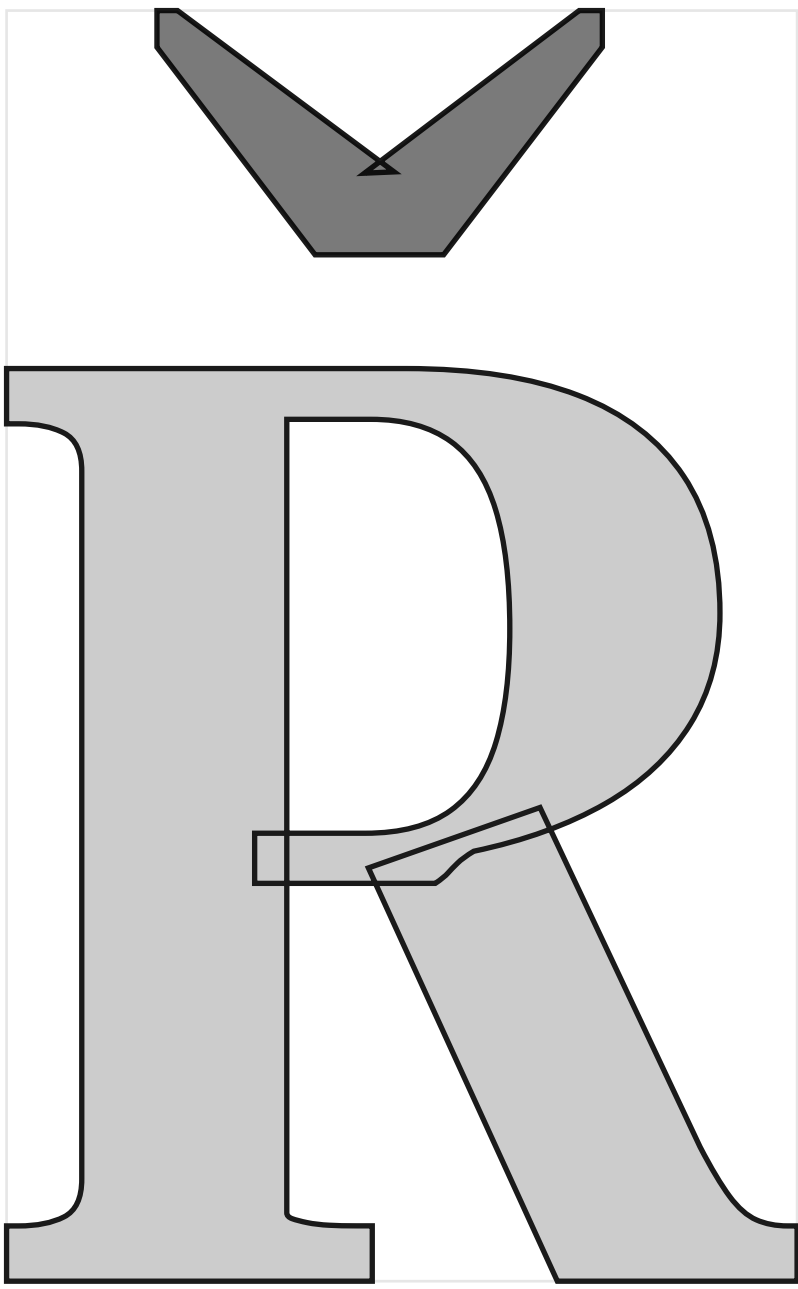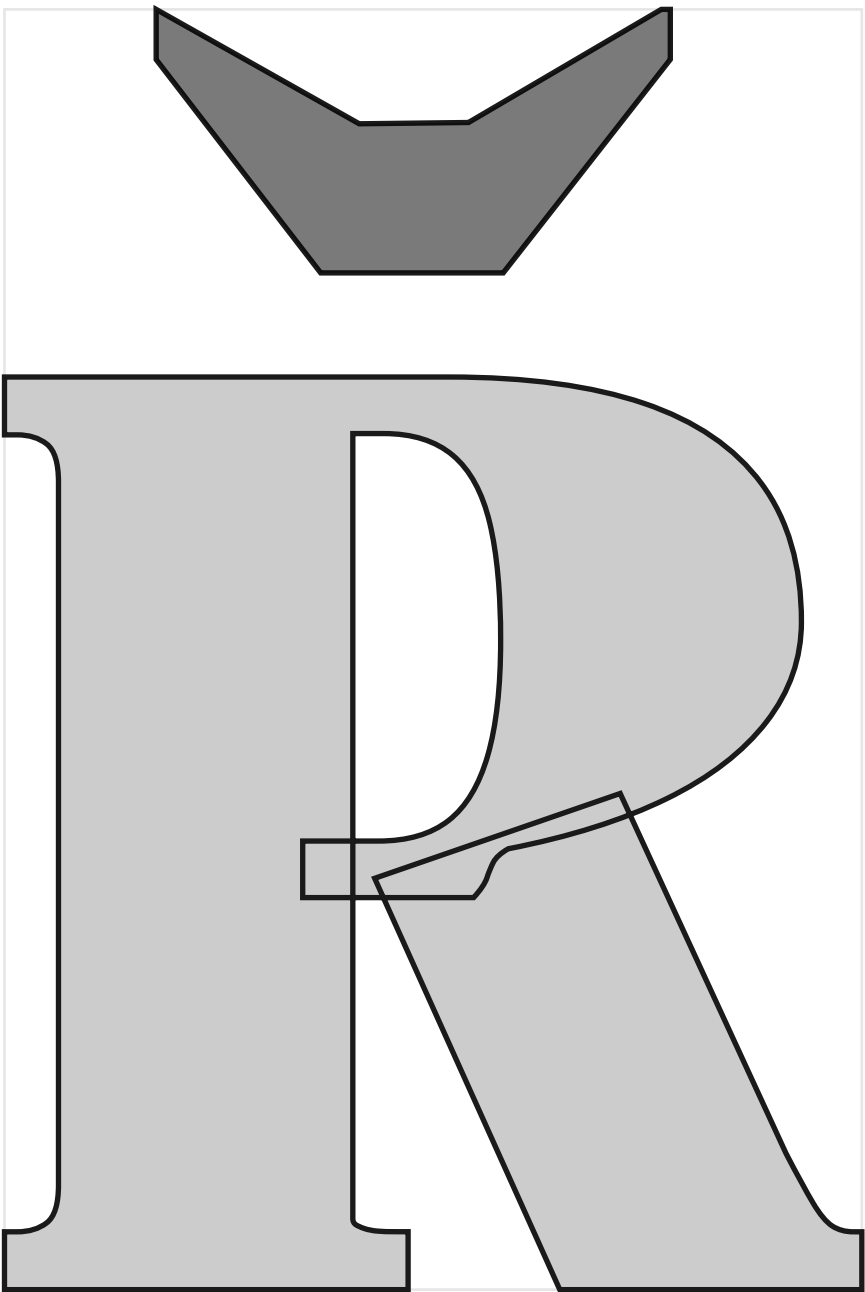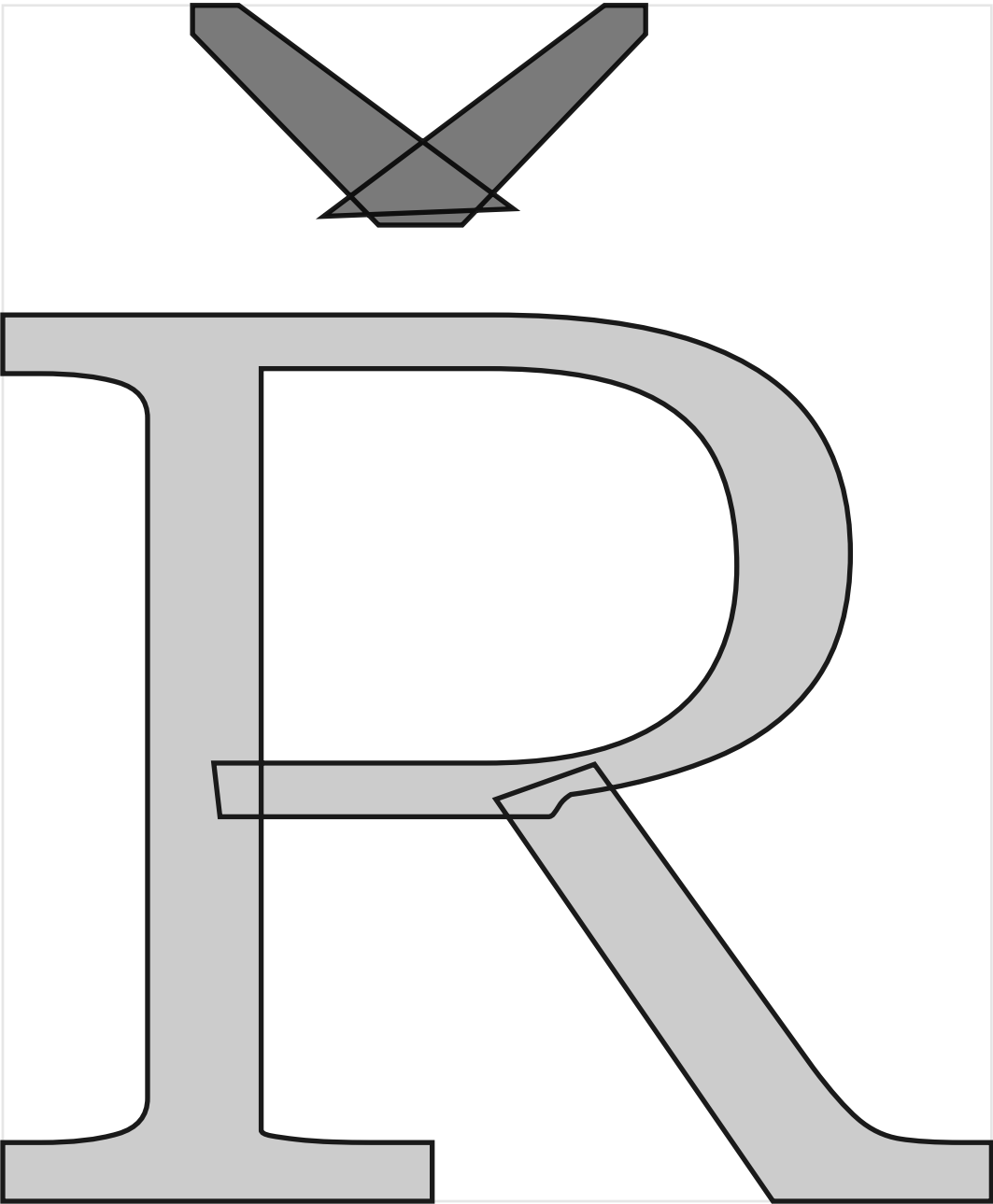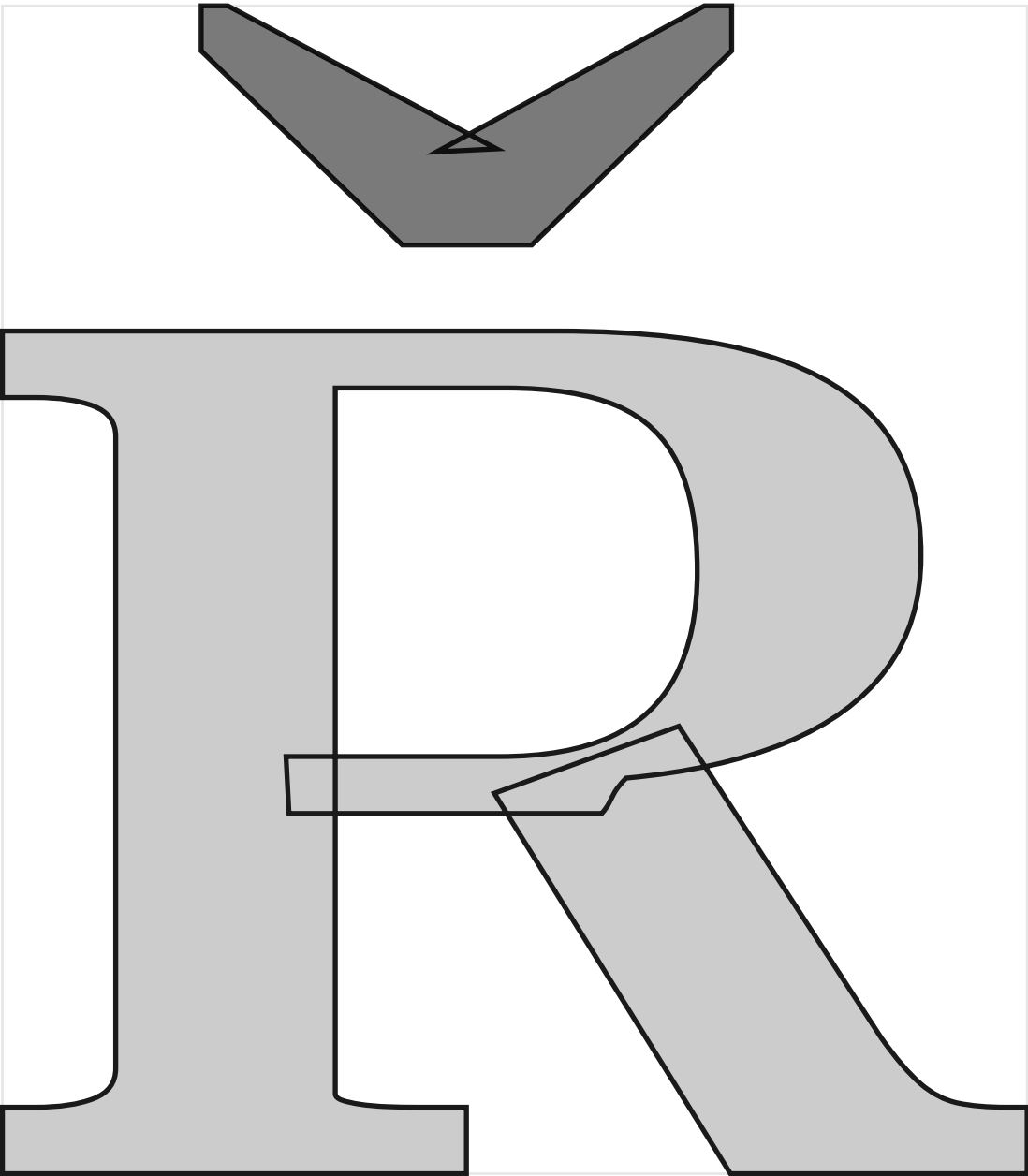### 'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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# Glyph name: Ocaron

## underweight

’GRAD=−50.0 opsz=8.0 wdth=150.0’

midway interpolation

’GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0’

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underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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underweight
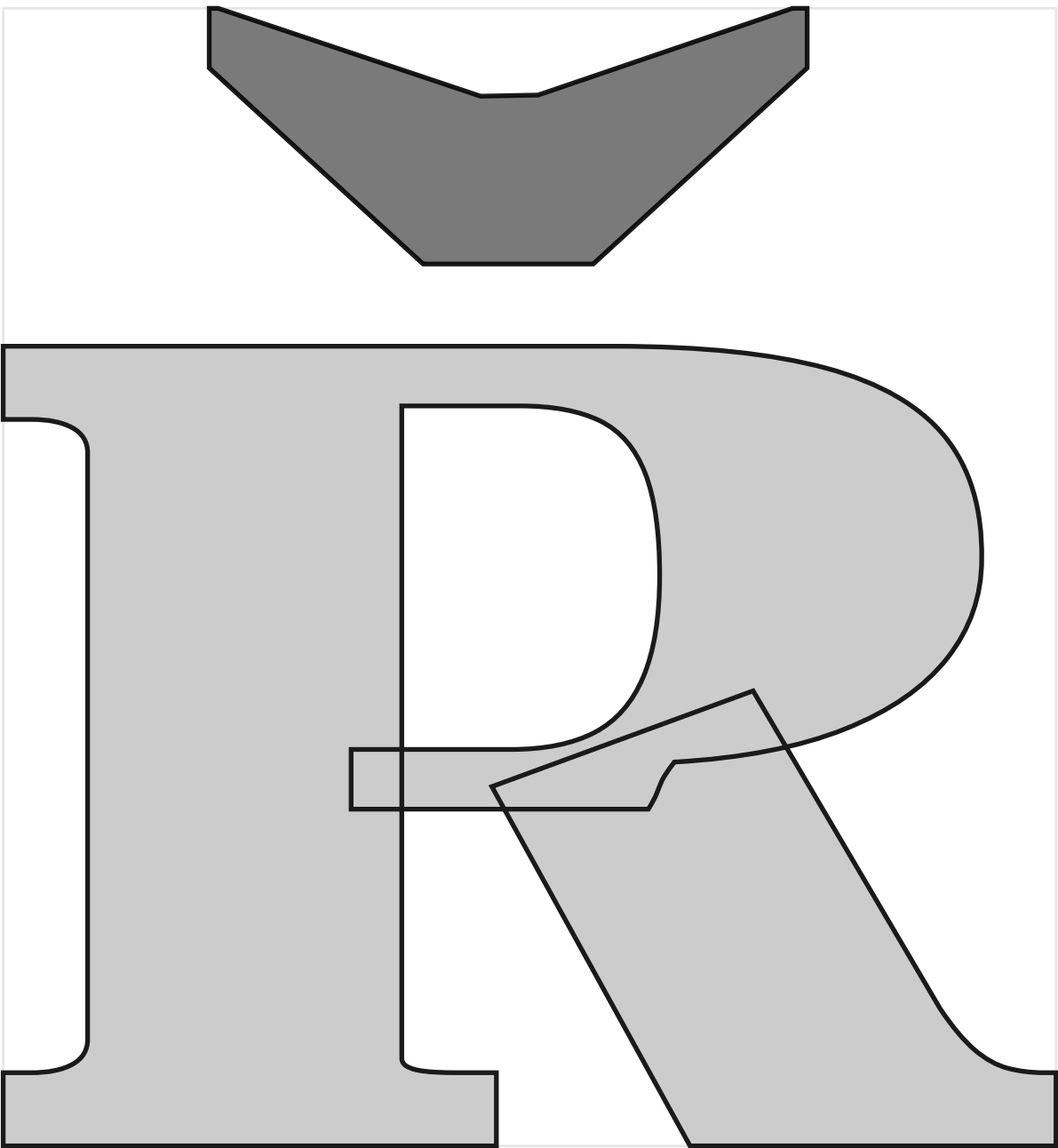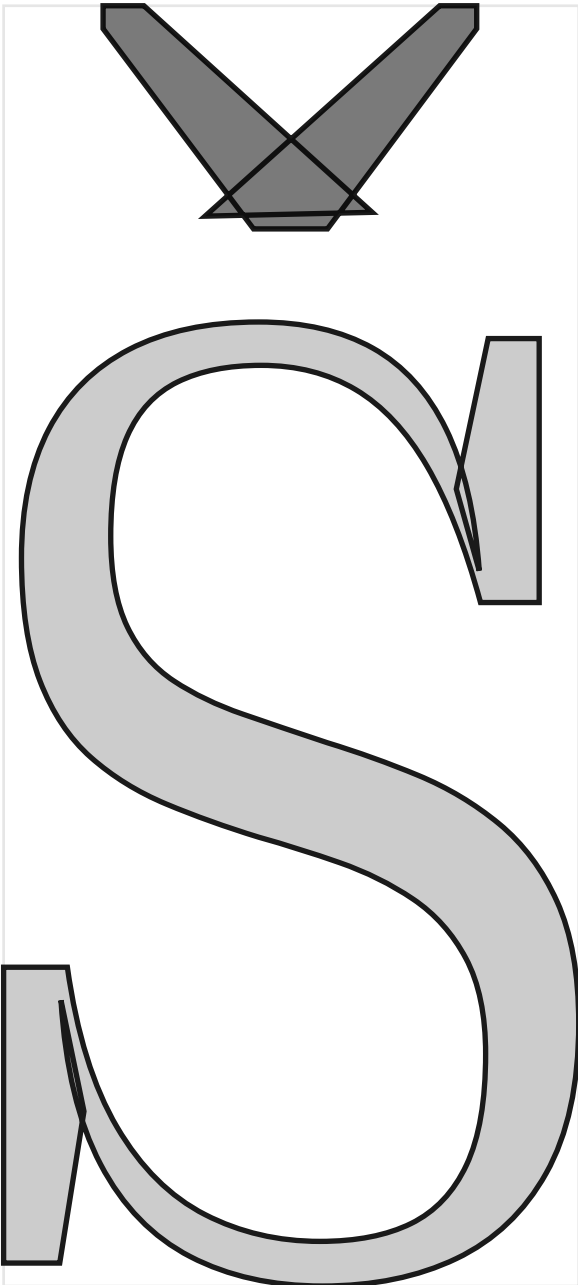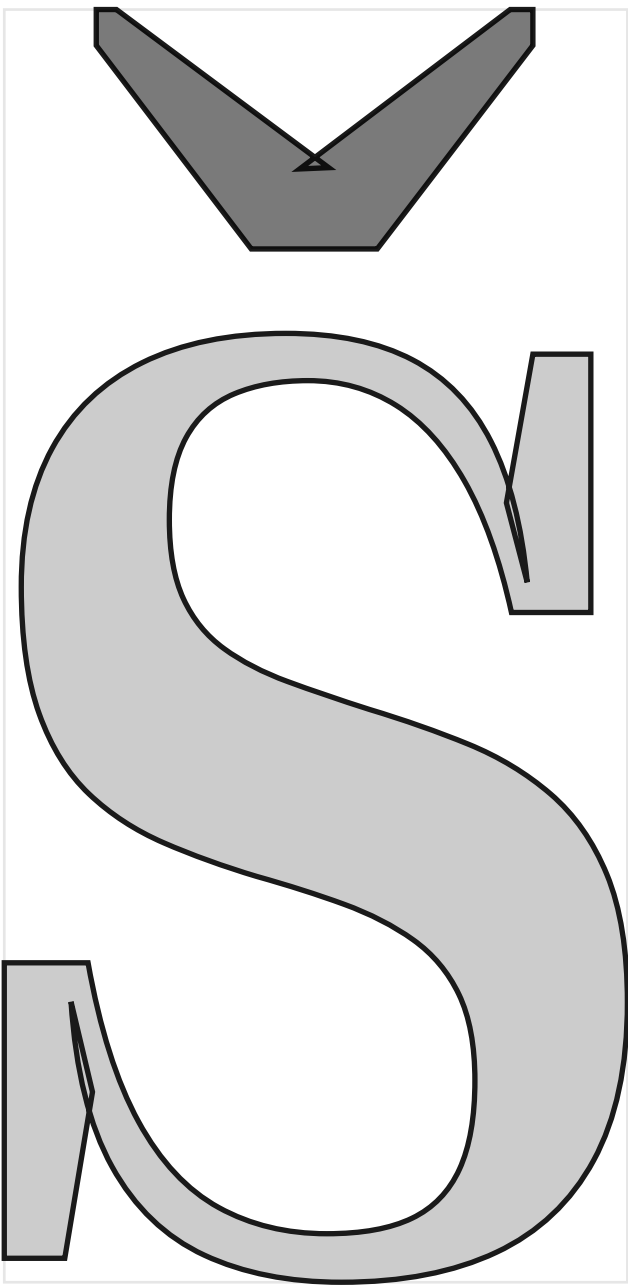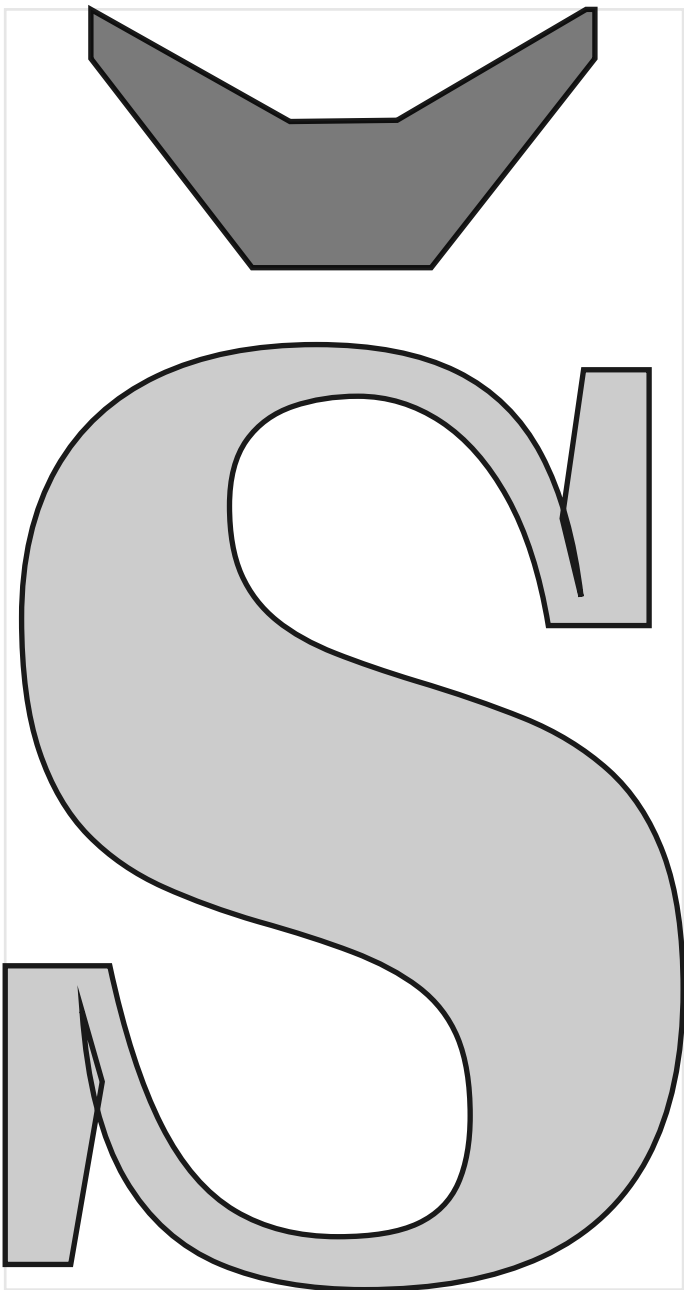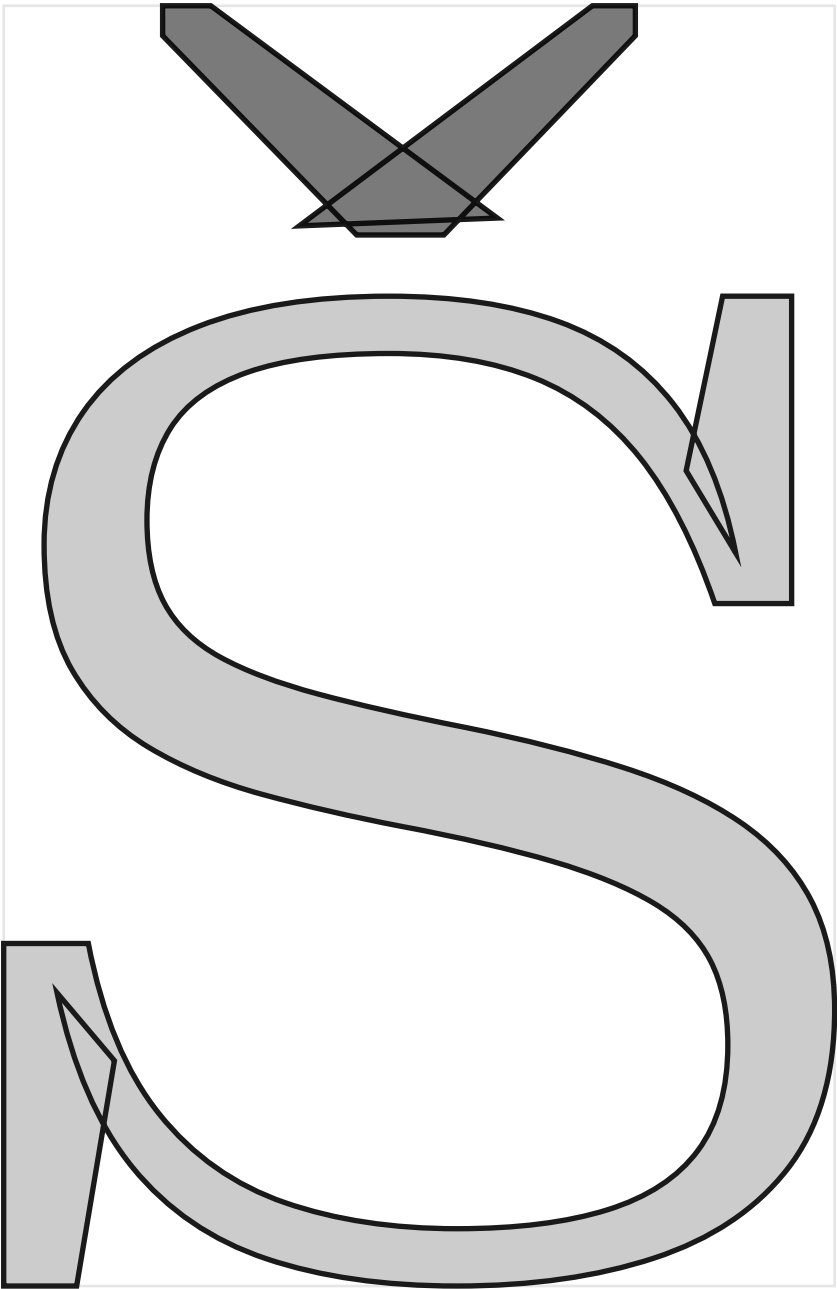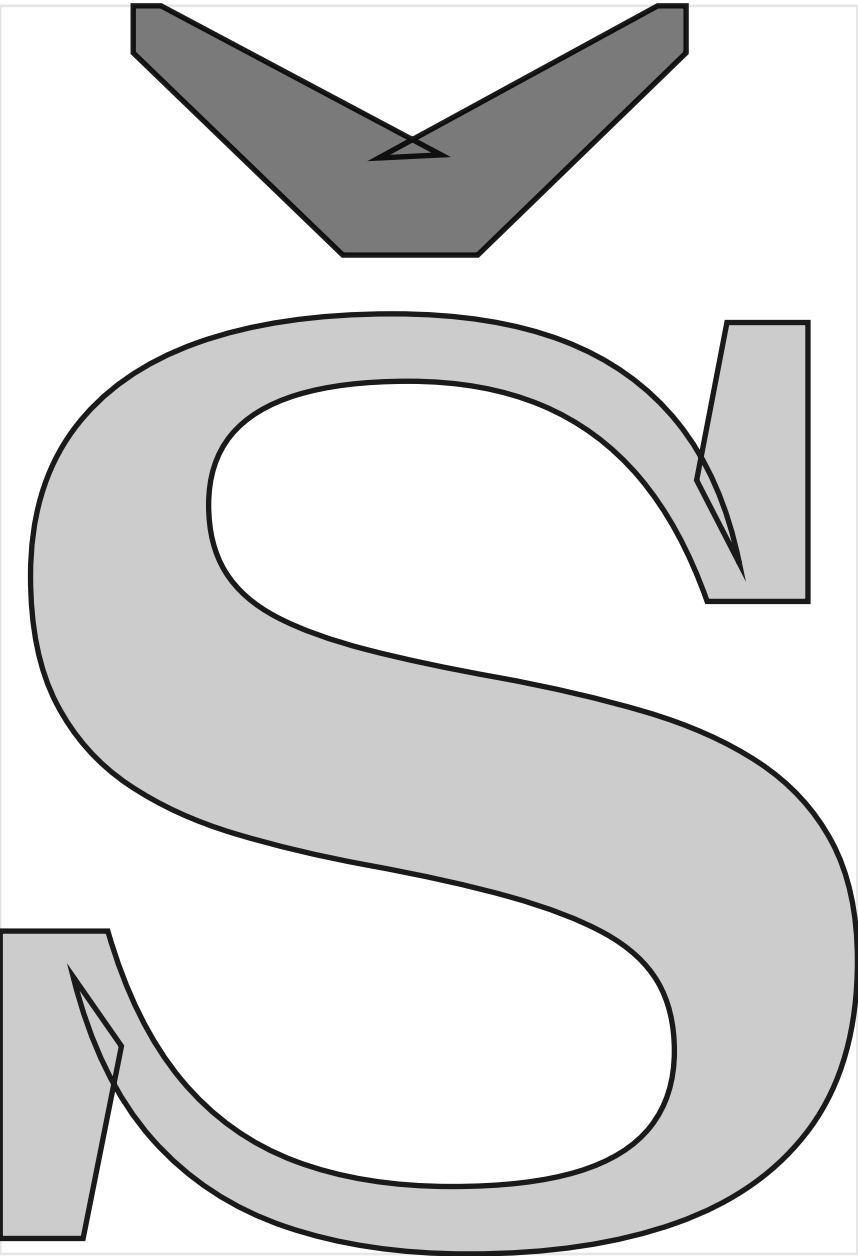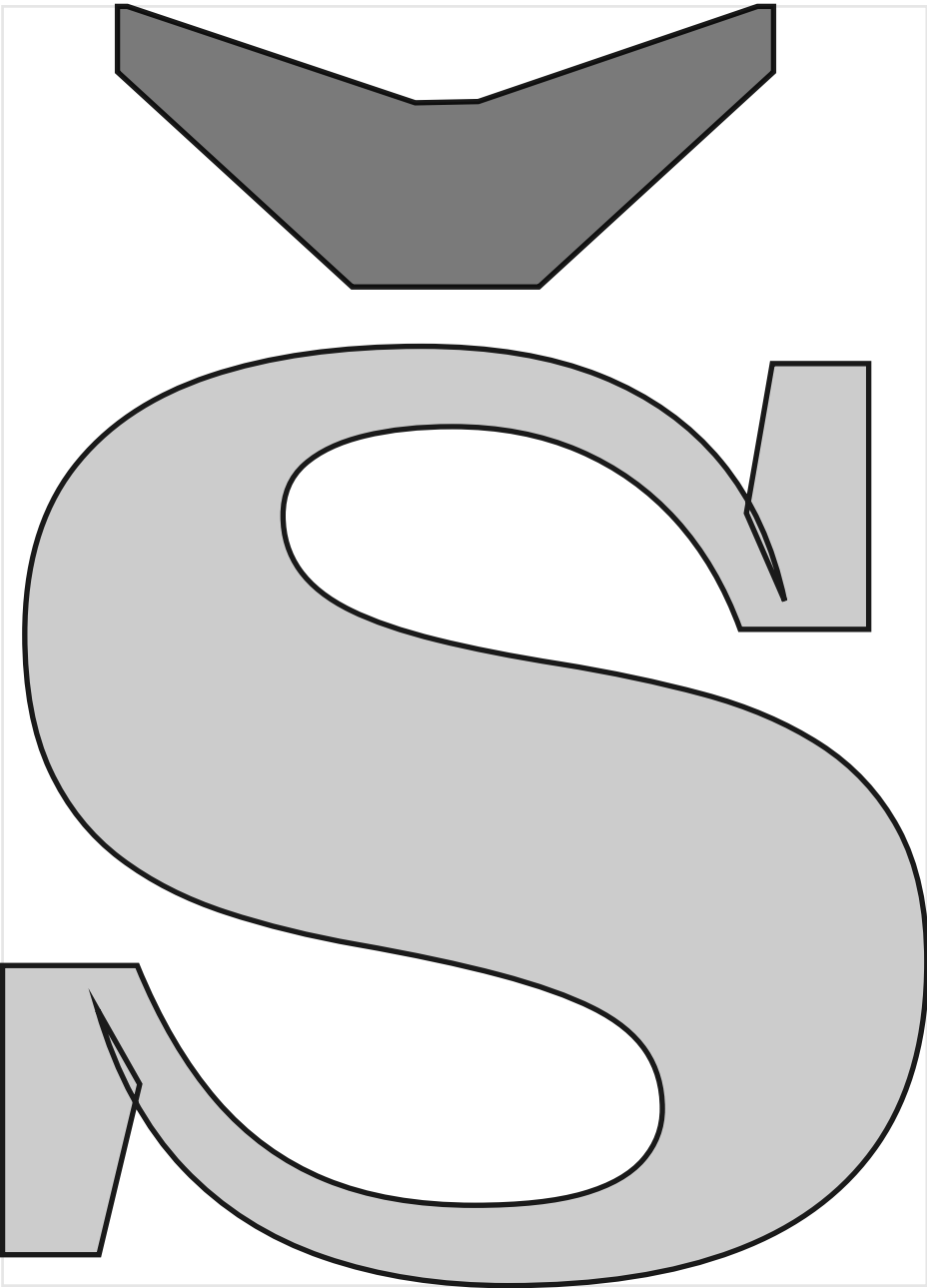
'GRAD=−50.0 opsz=8.0 wdth=150.0'

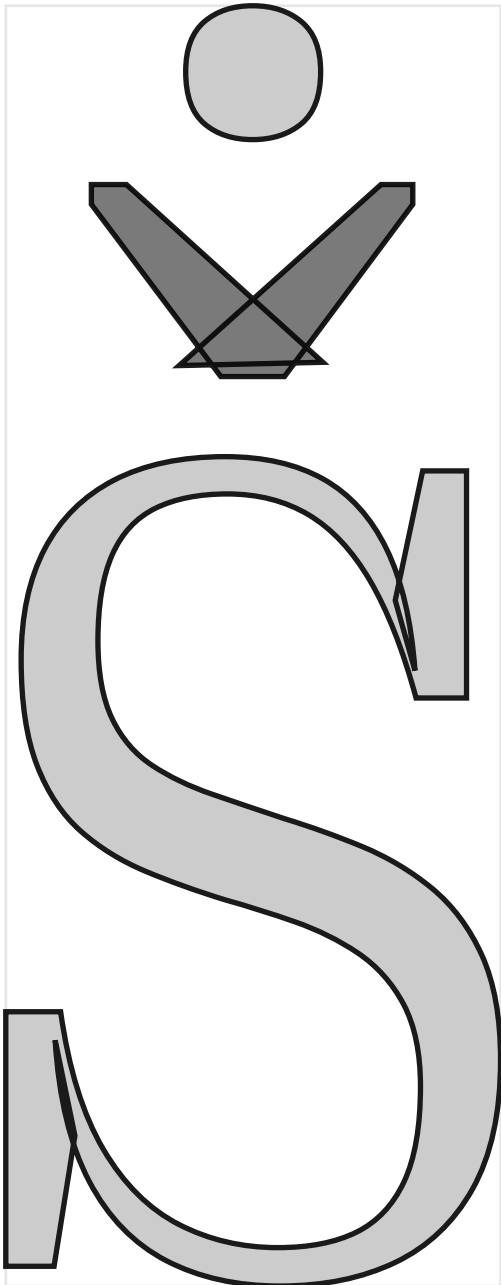midway interpolation
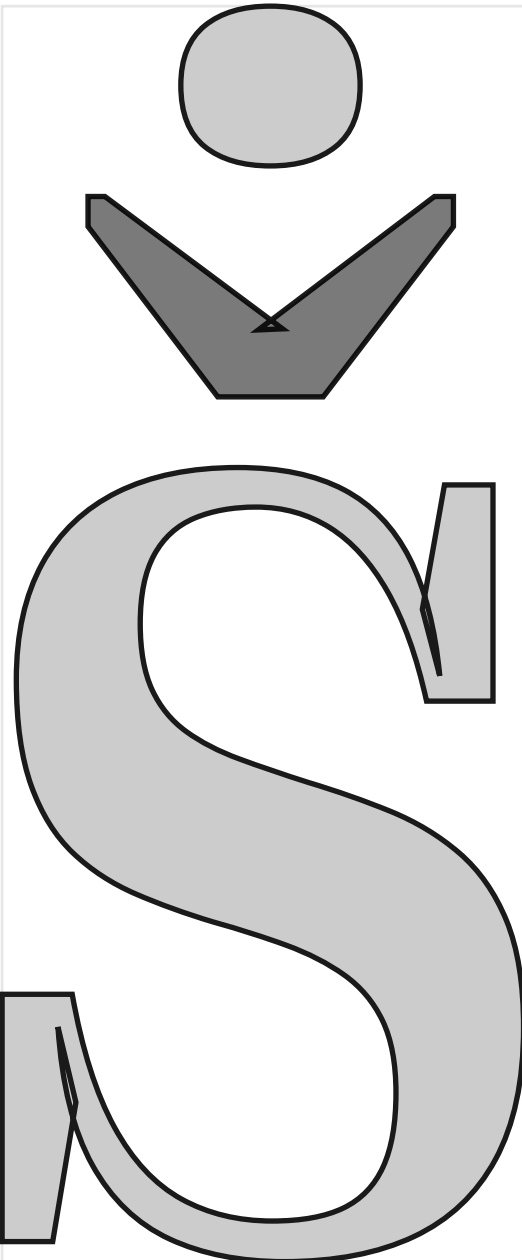
'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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underweight
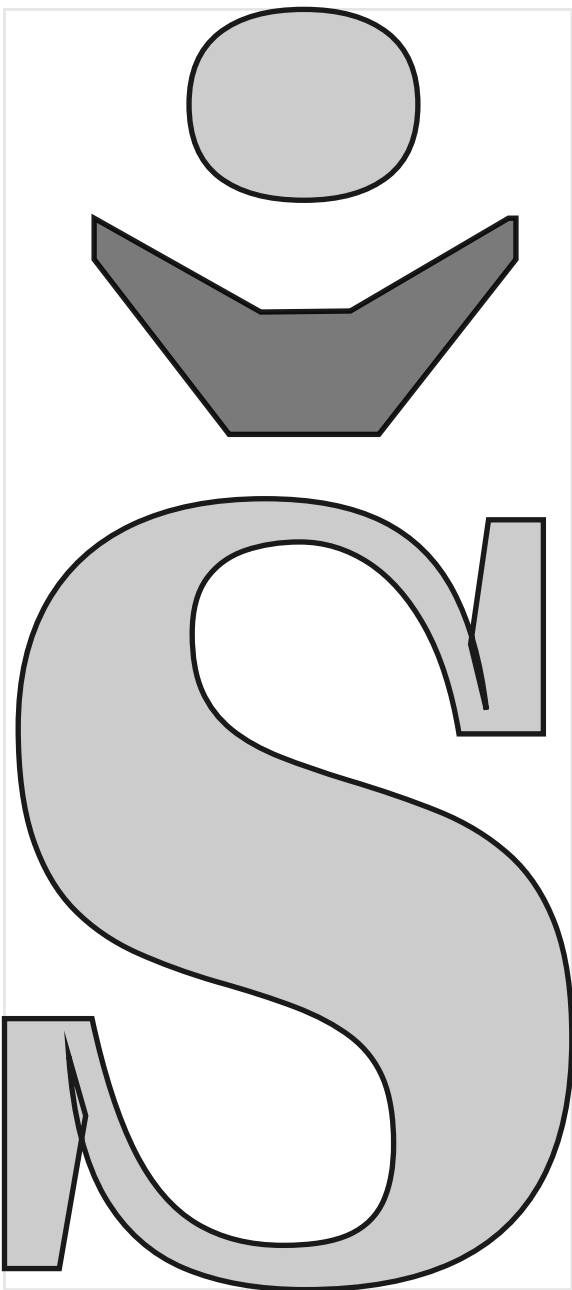
'GRAD=−50.0 opsz=8.0 wdth=50.0'

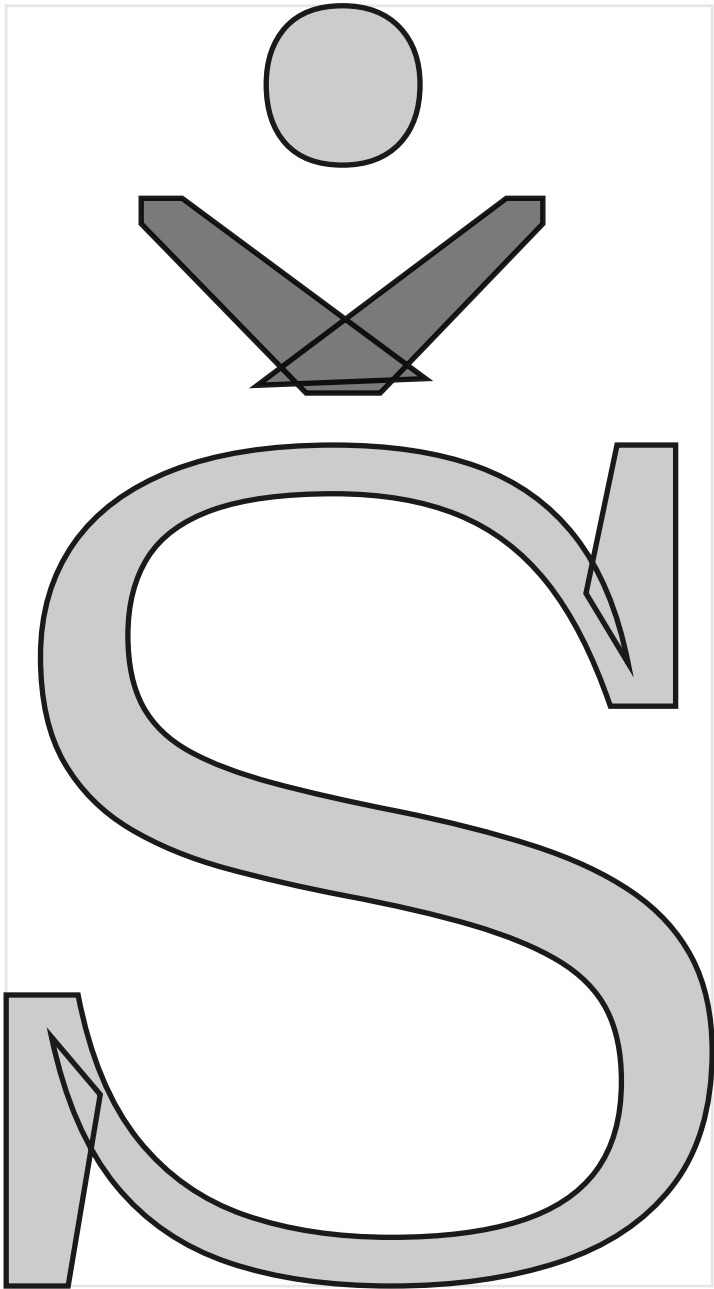midway interpolation
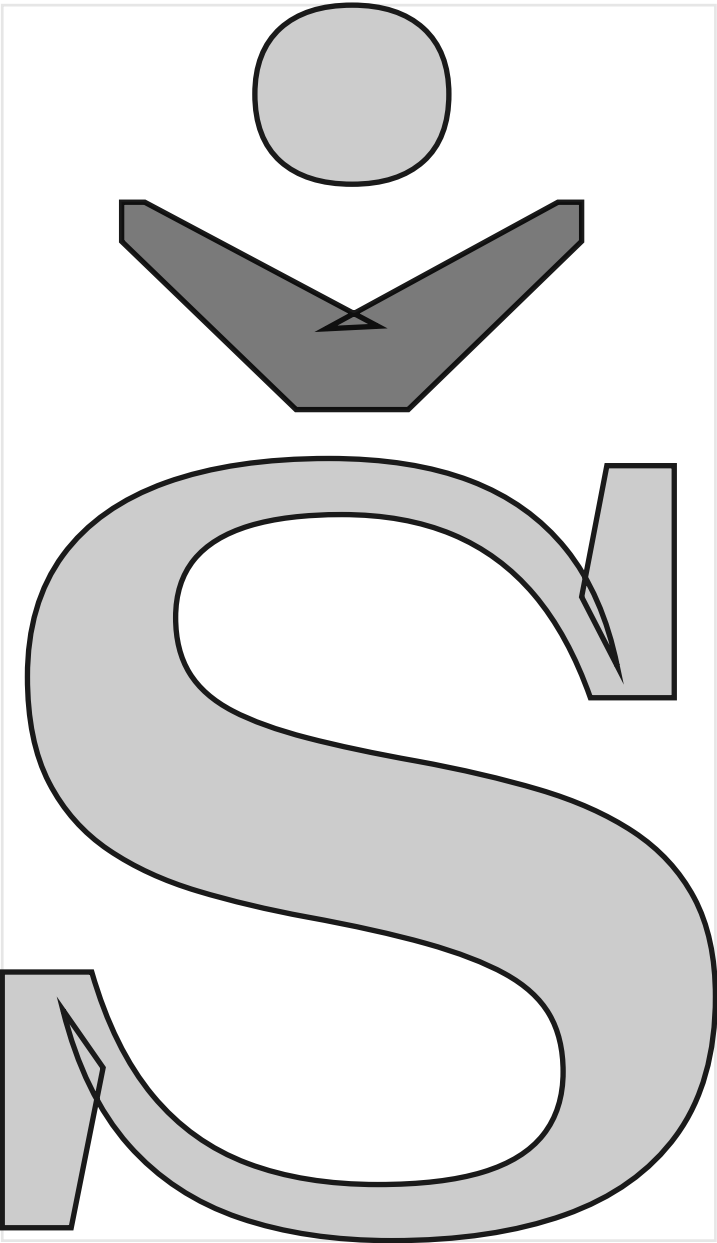
'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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# Glyph name: Scarondotaccent

## underweight
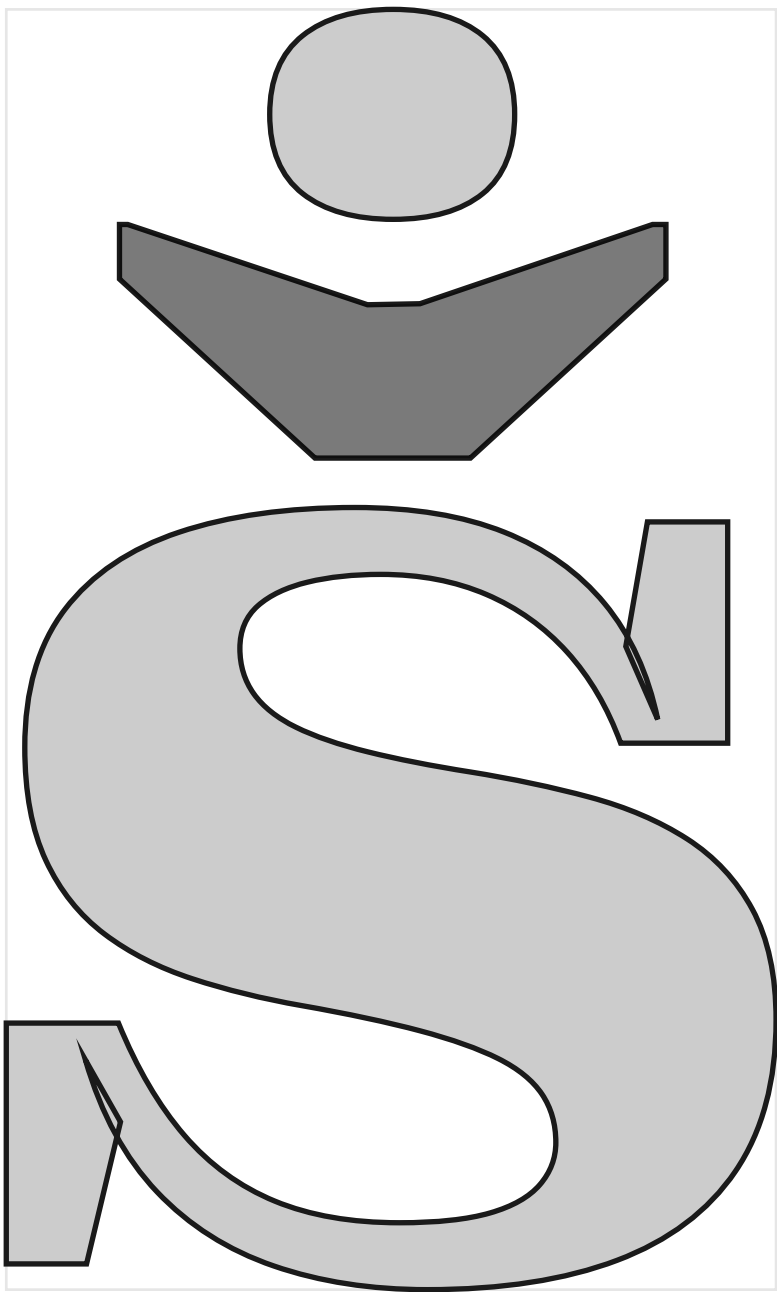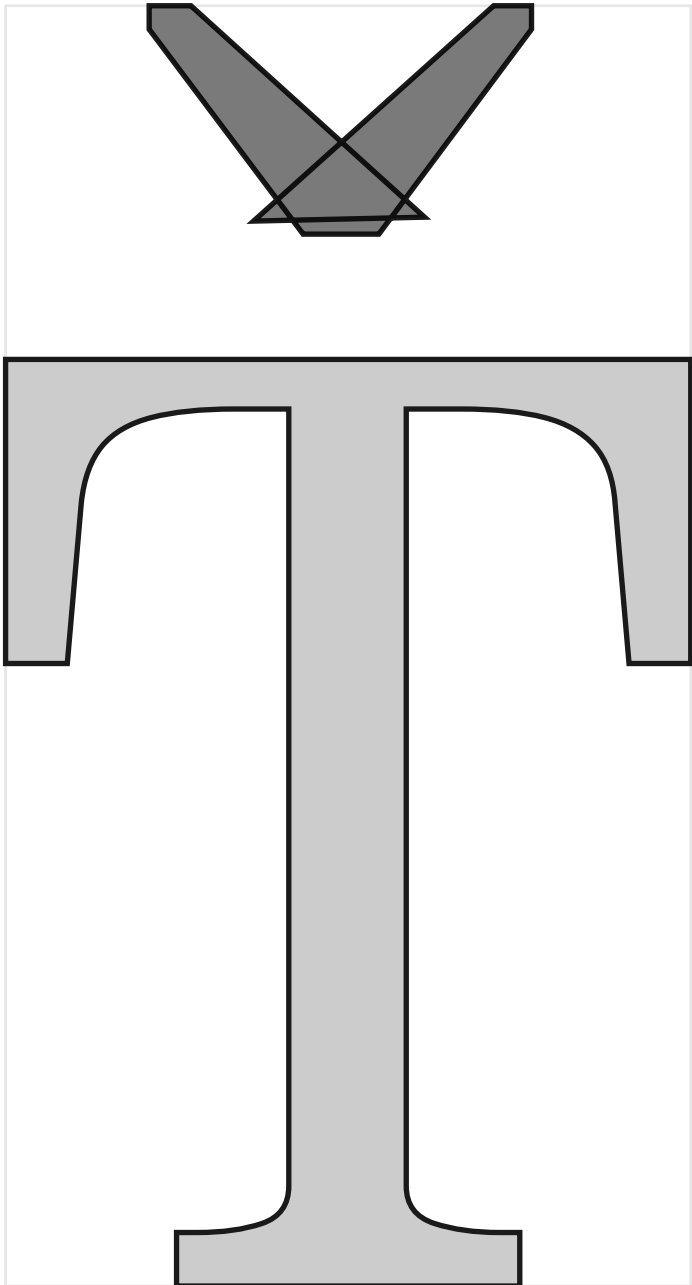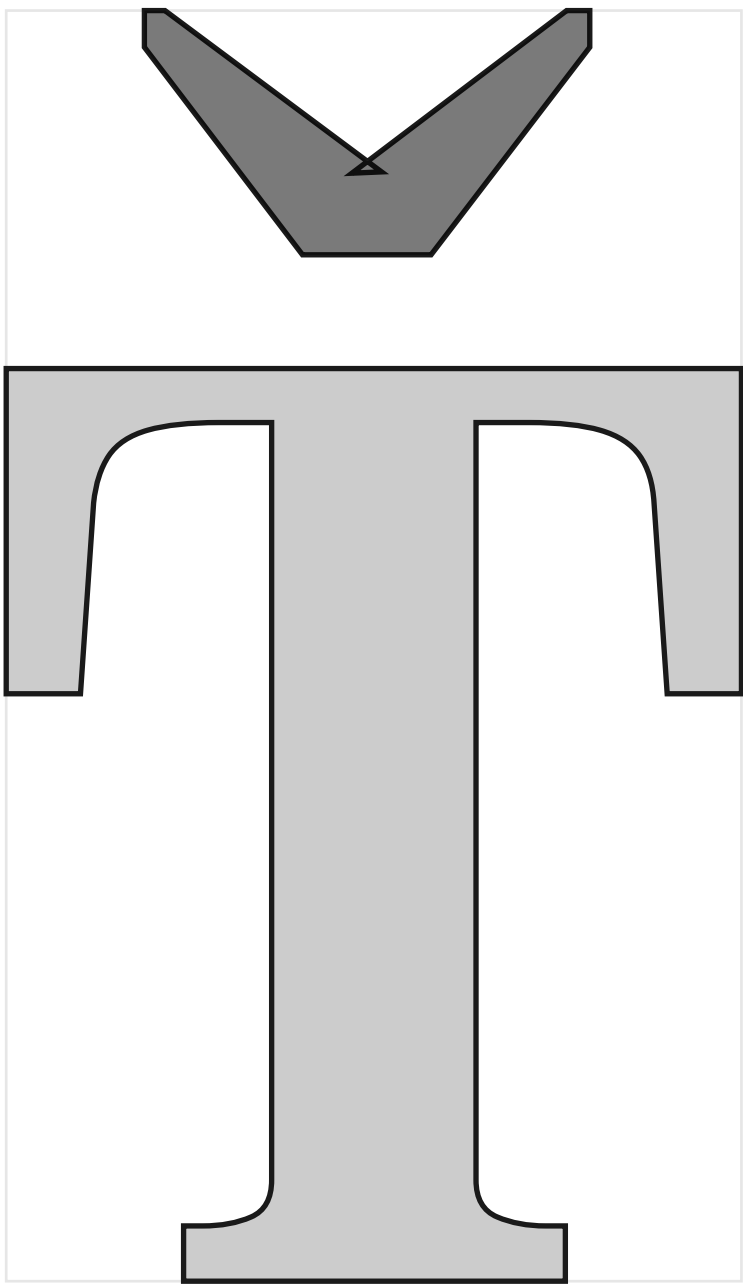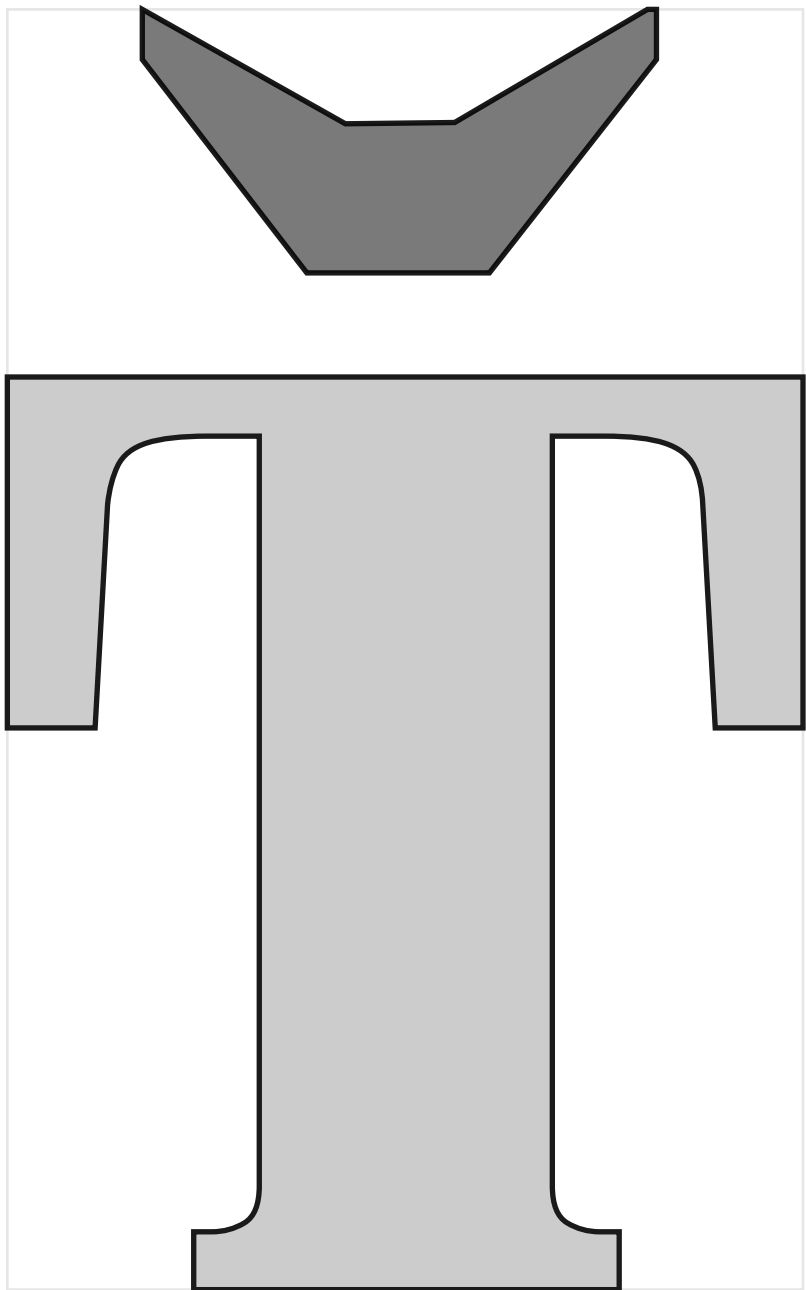
'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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# Glyph name: Scarondotaccent

## underweight

### 'GRAD=−50.0 opsz=8.0 wdth=150.0'
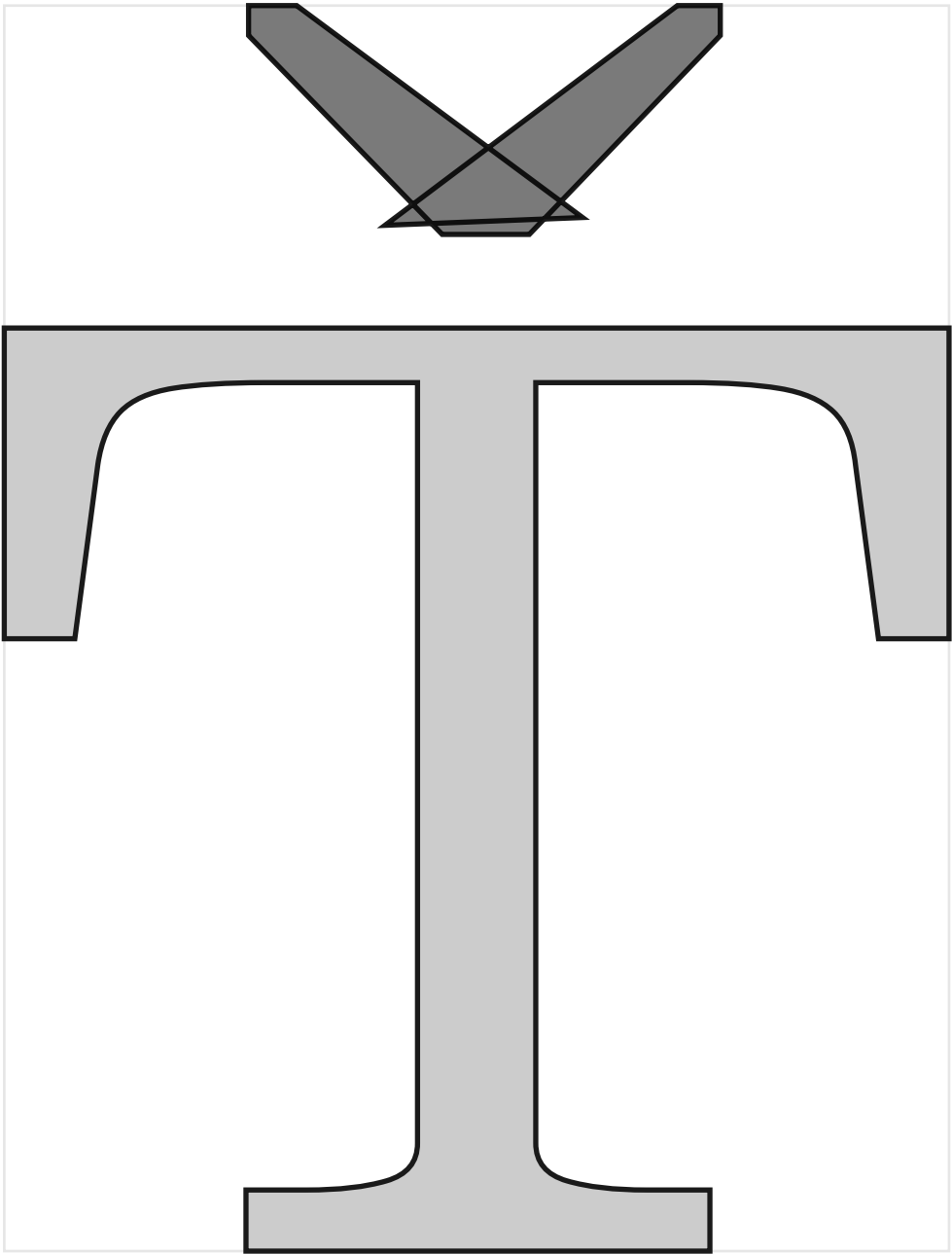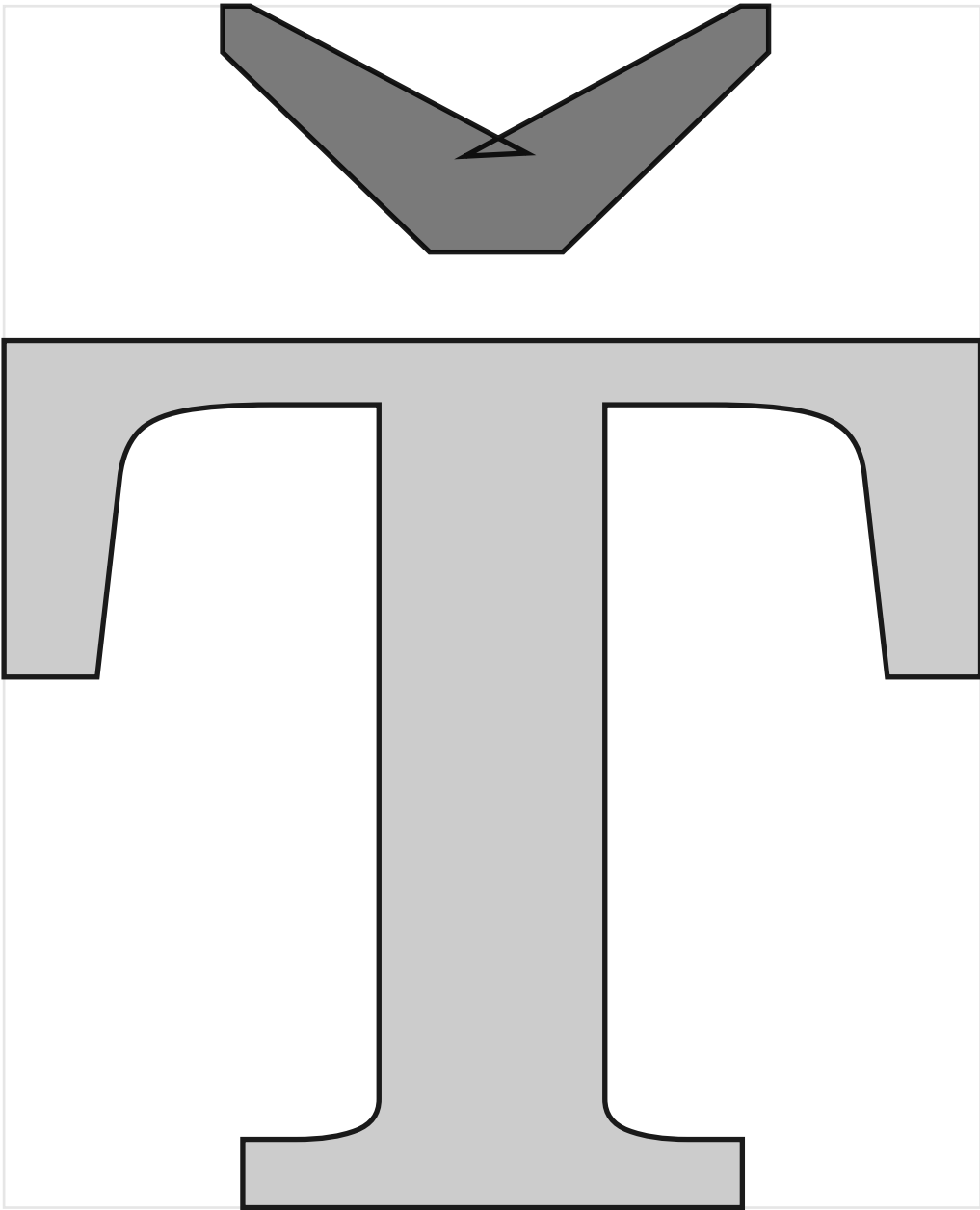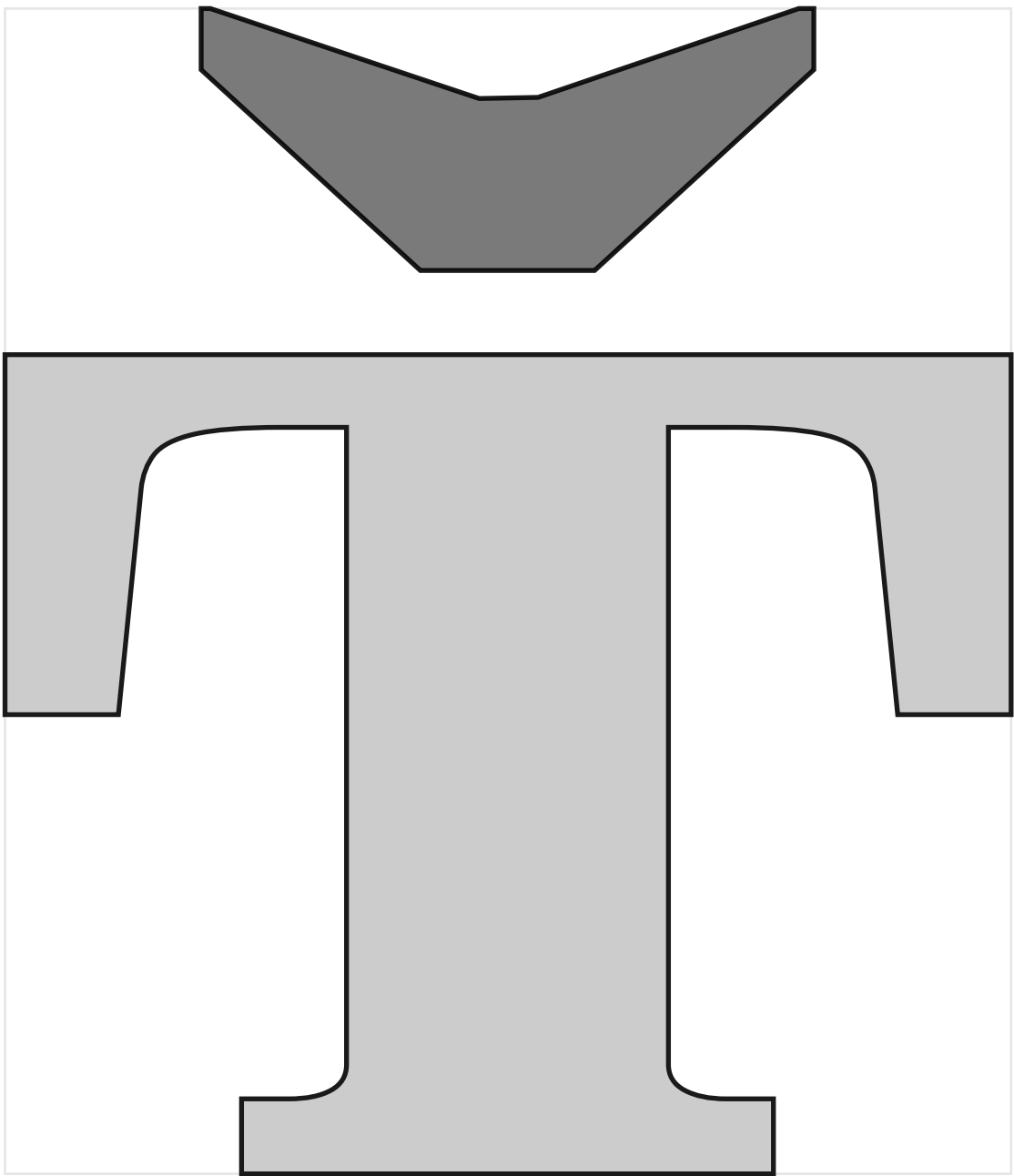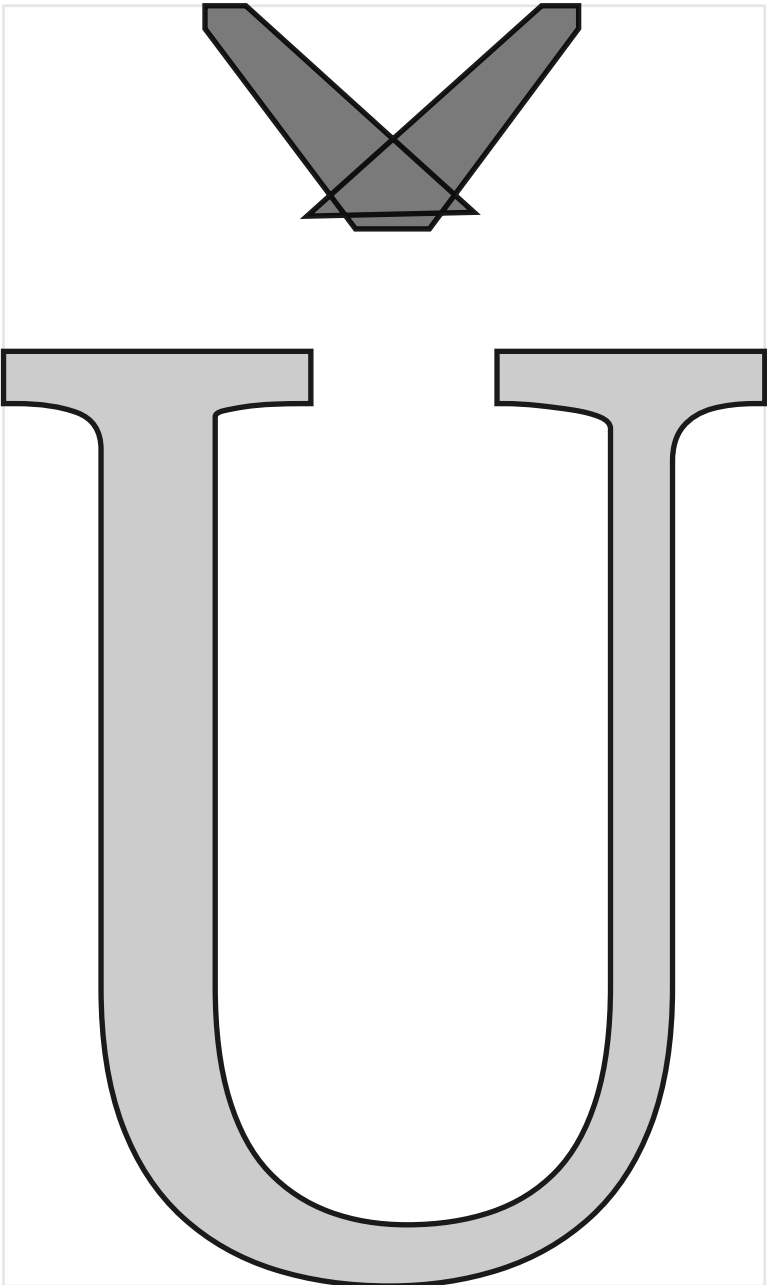
### midway interpolation

### 'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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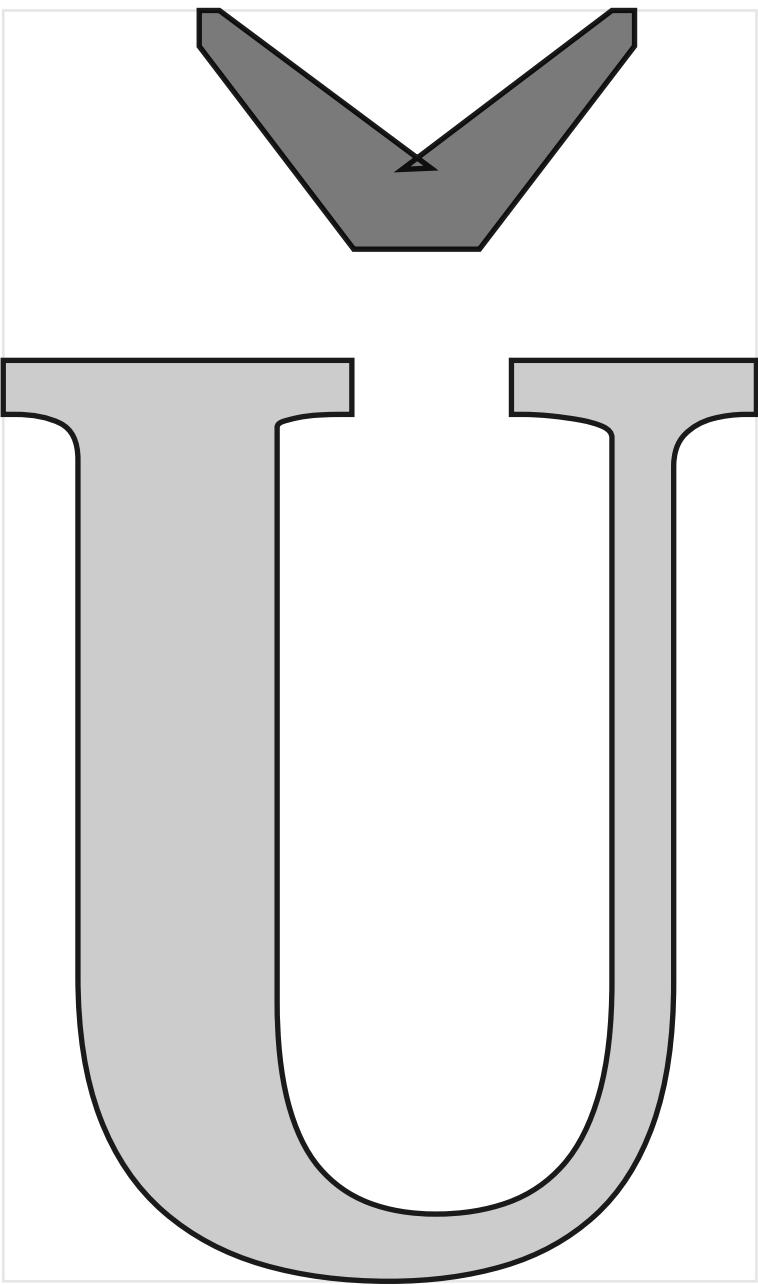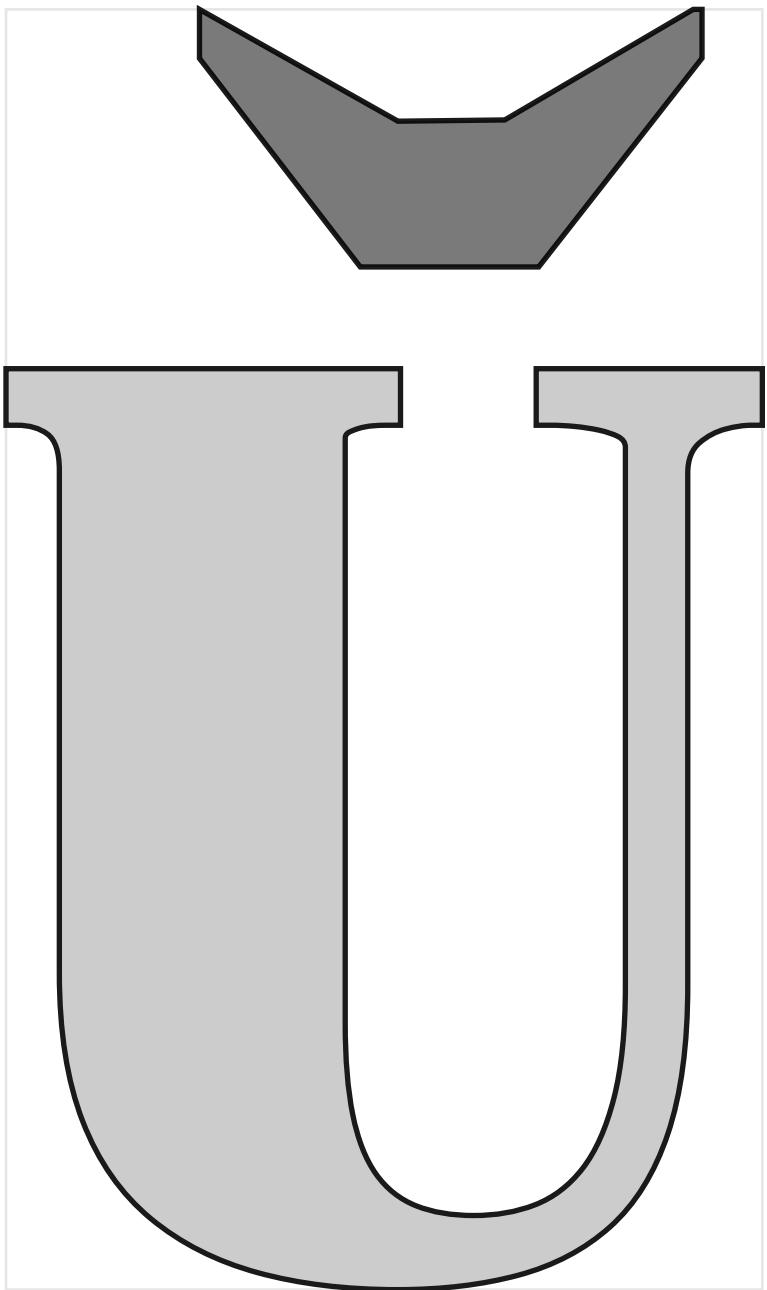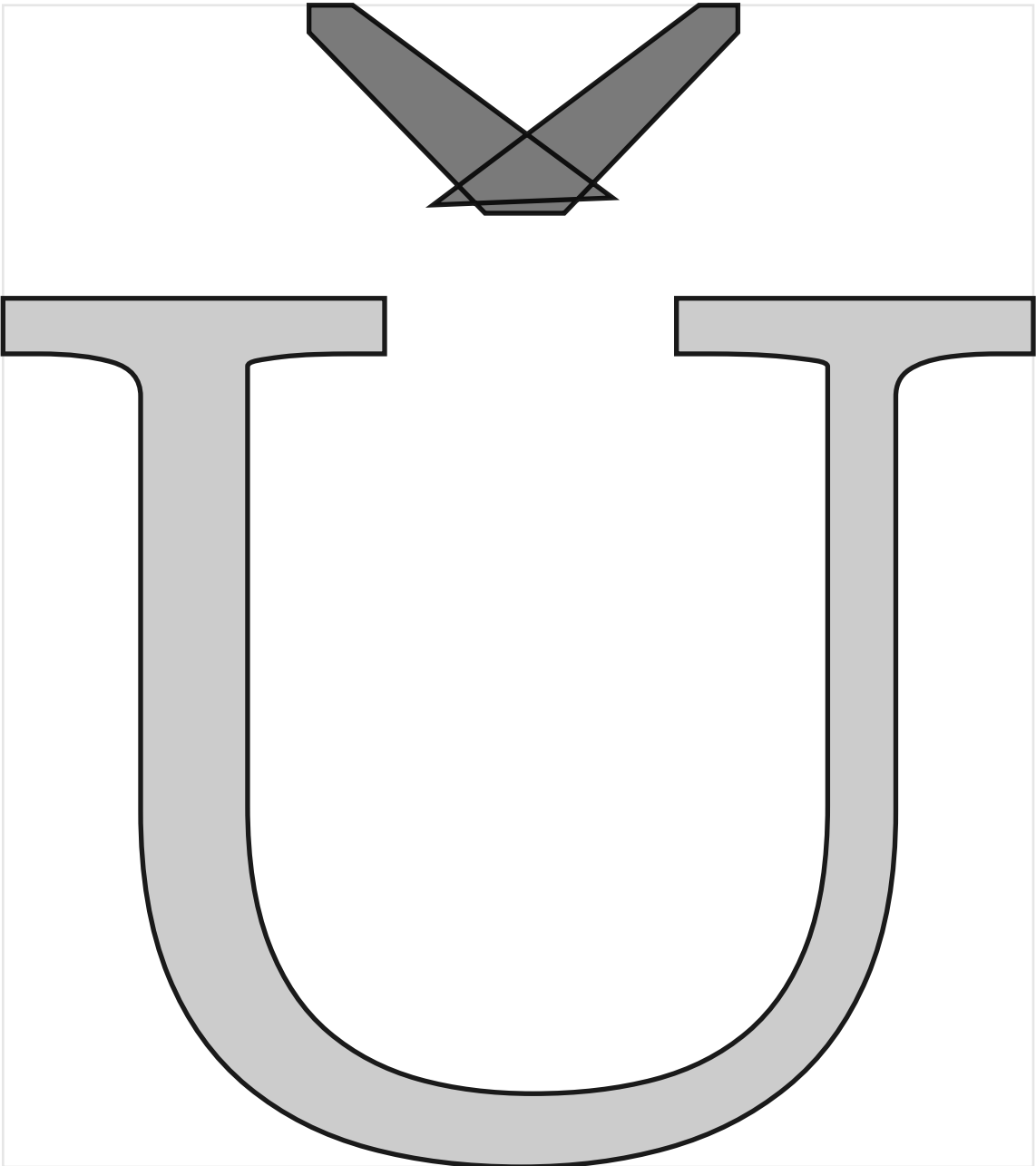
underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'
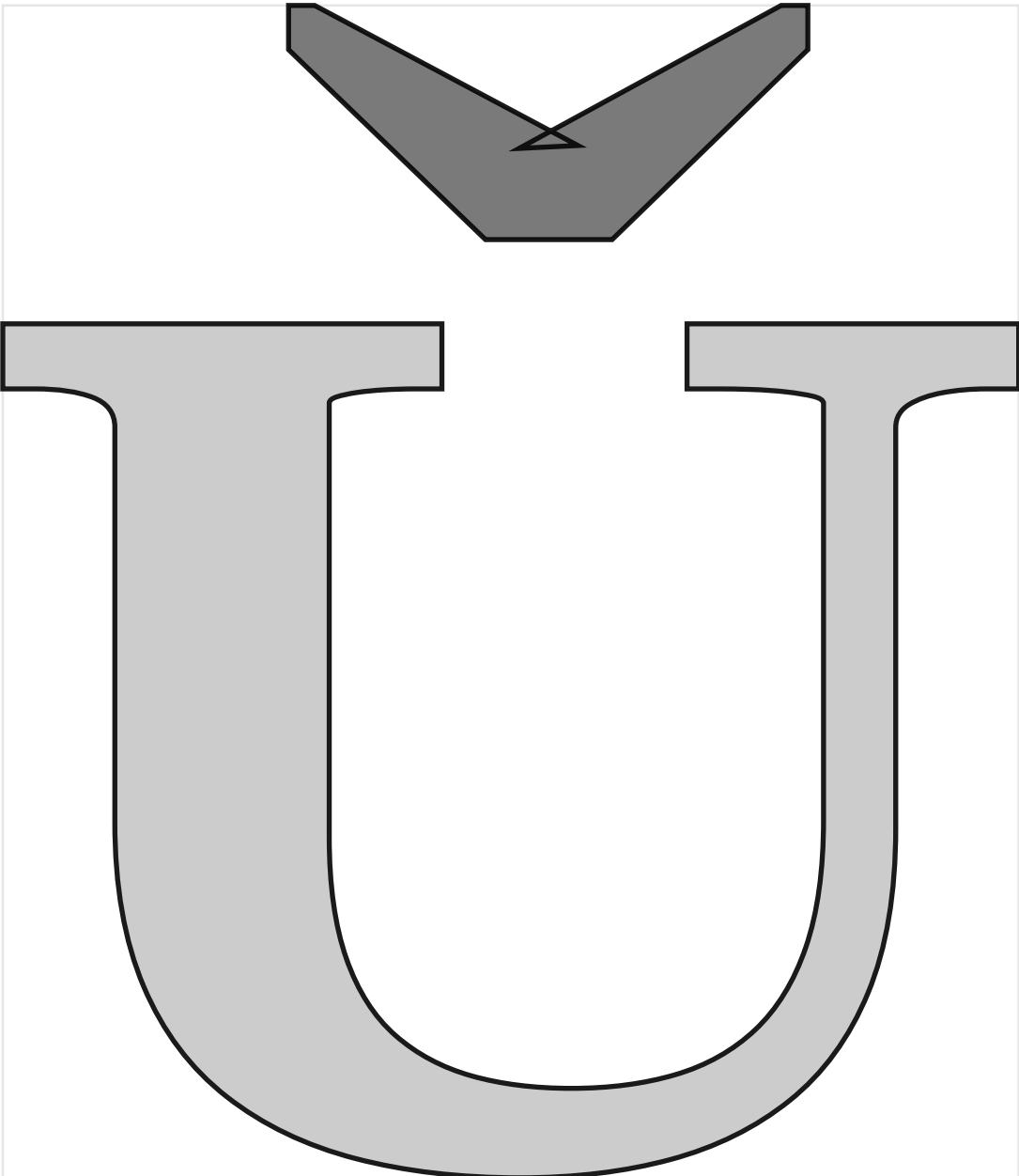
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# Glyph name: Tcaron

## underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

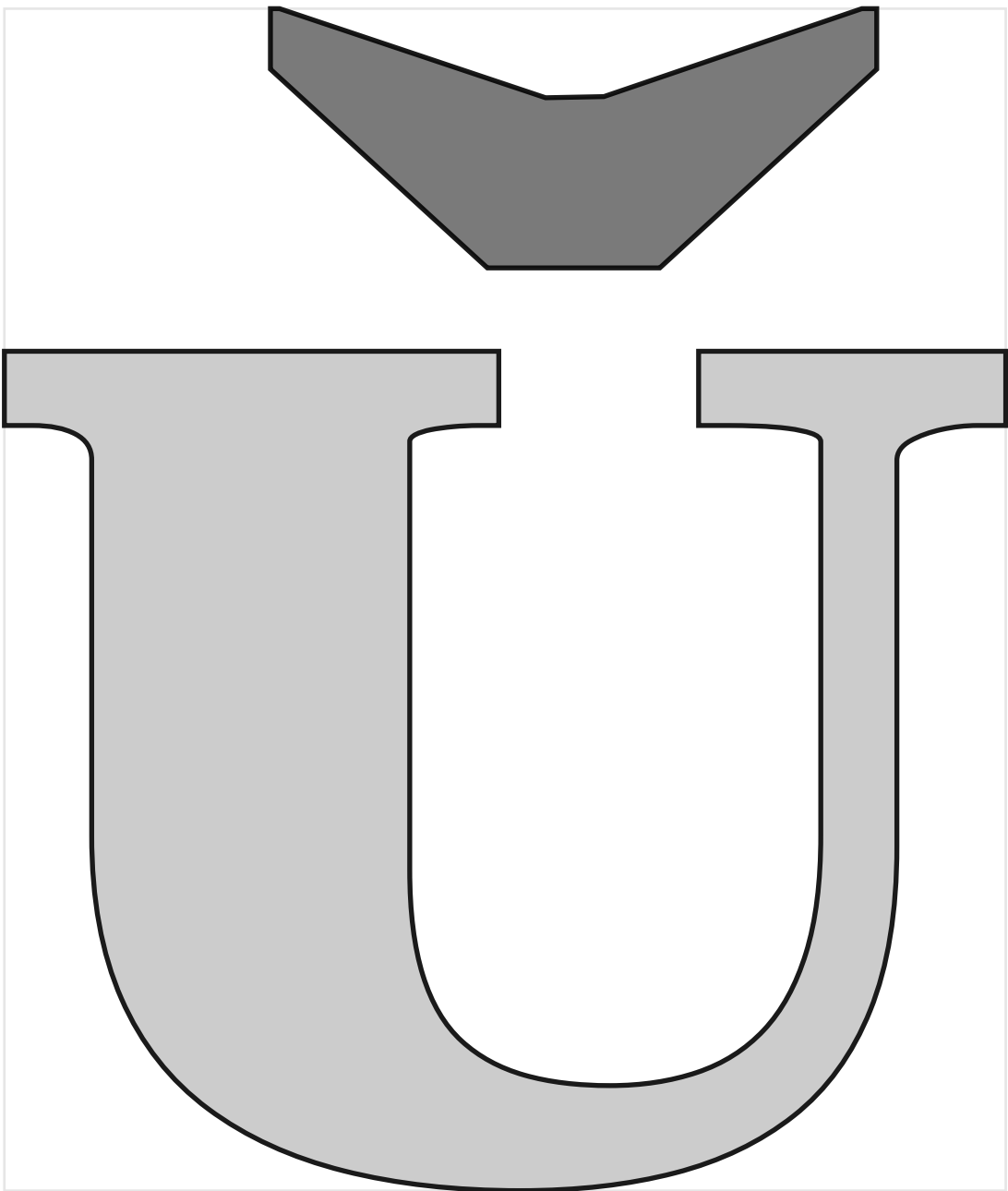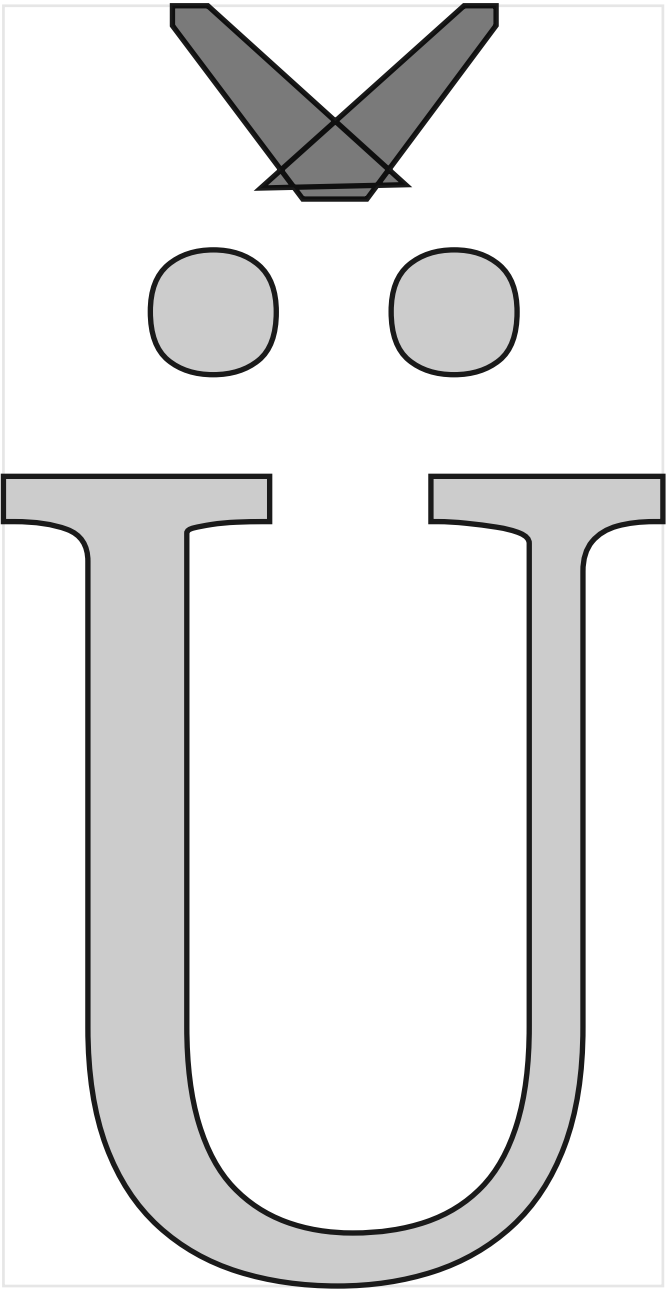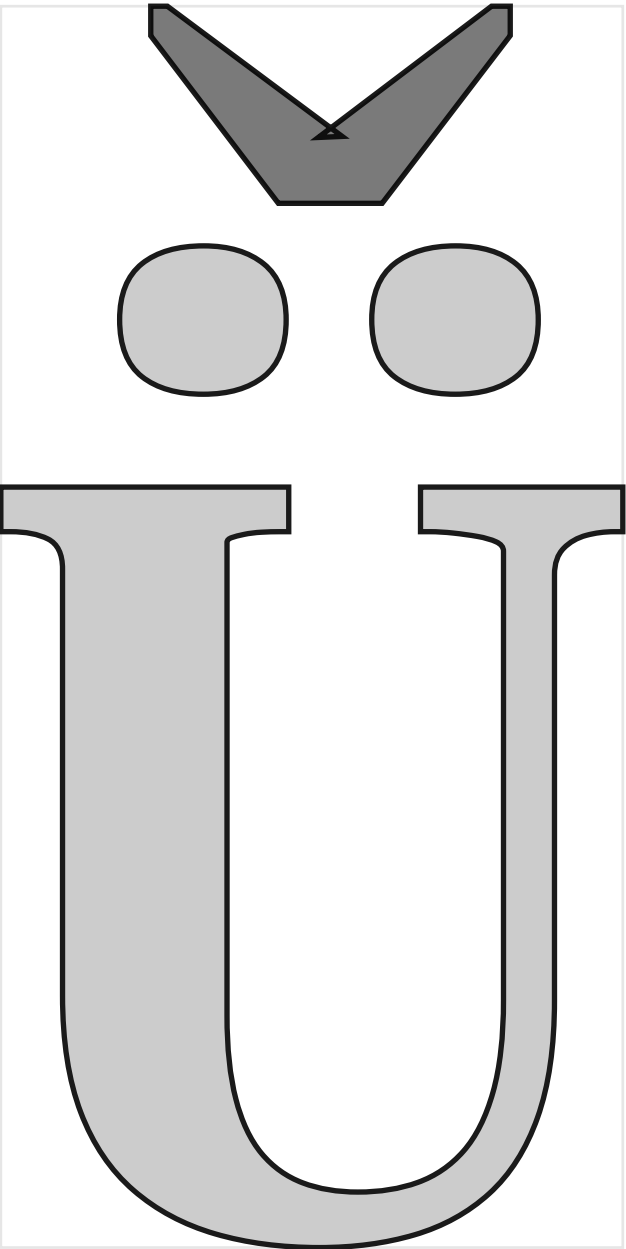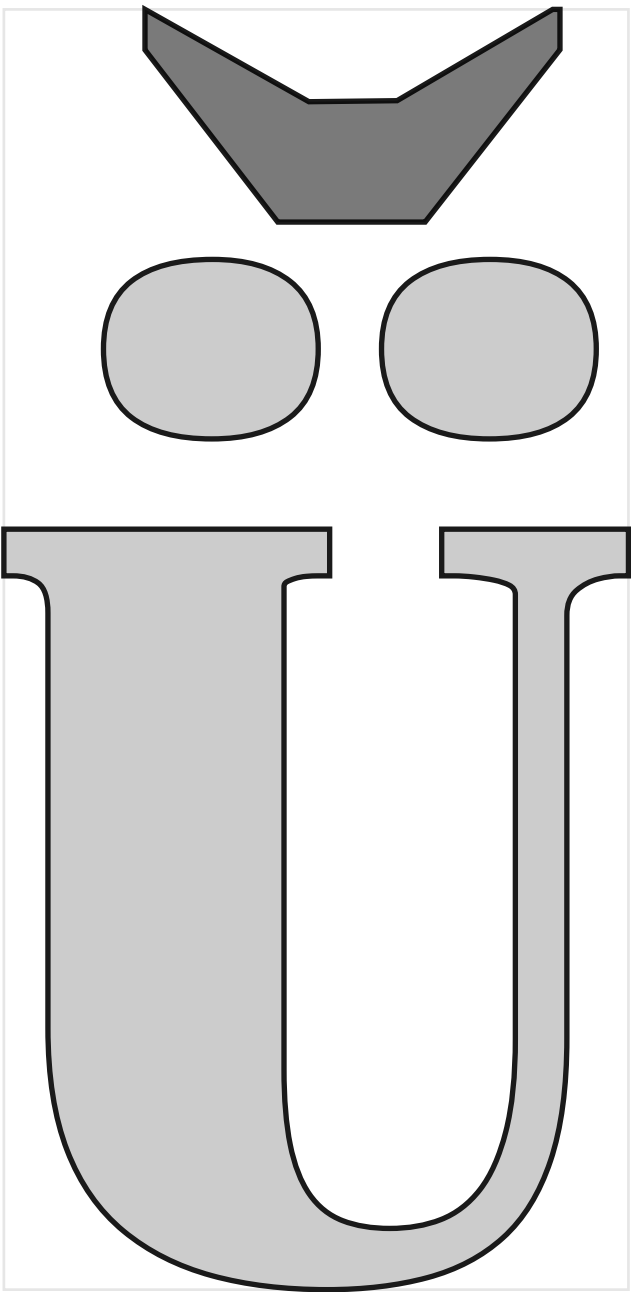'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'                    midway interpolation
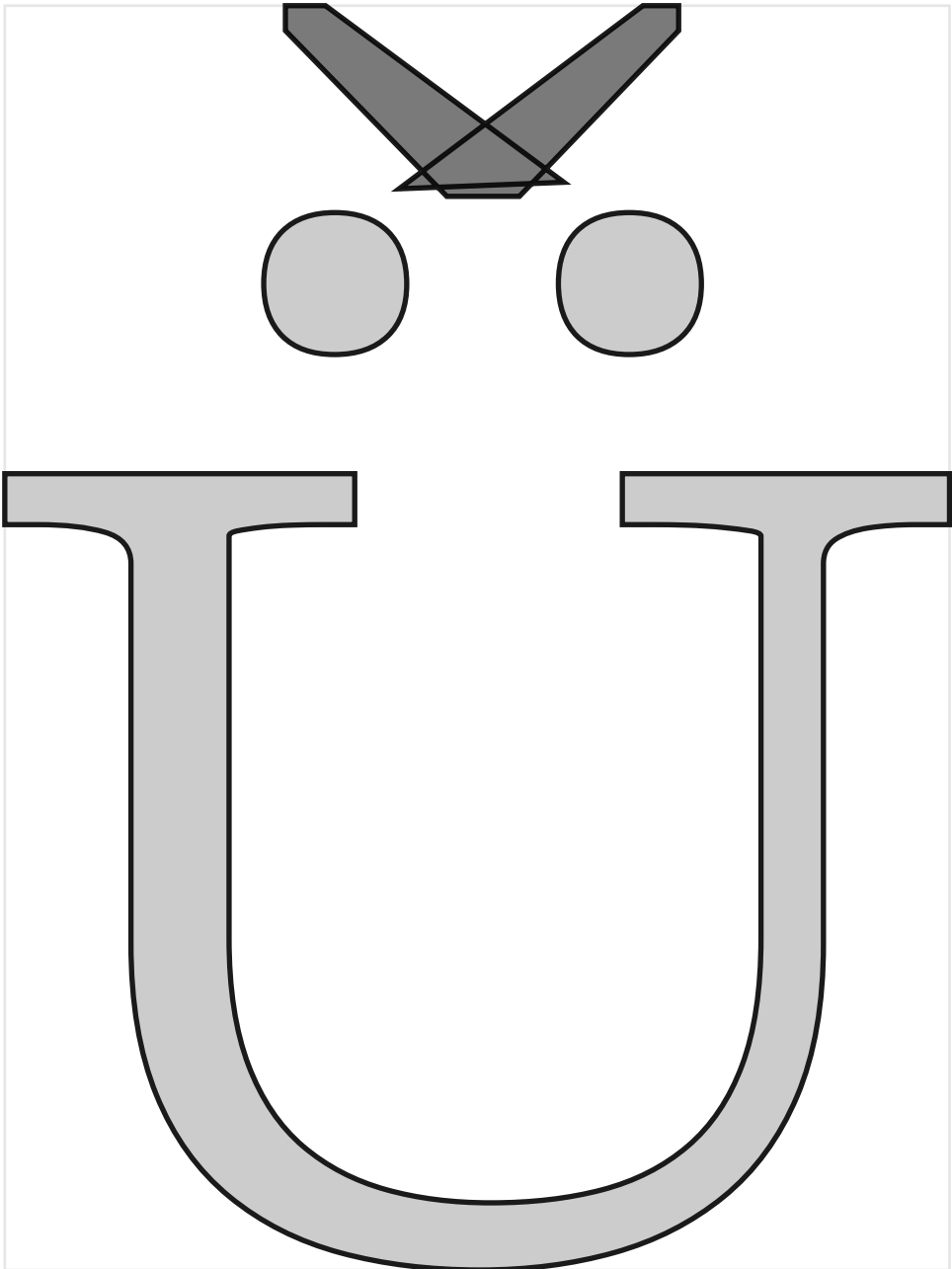
'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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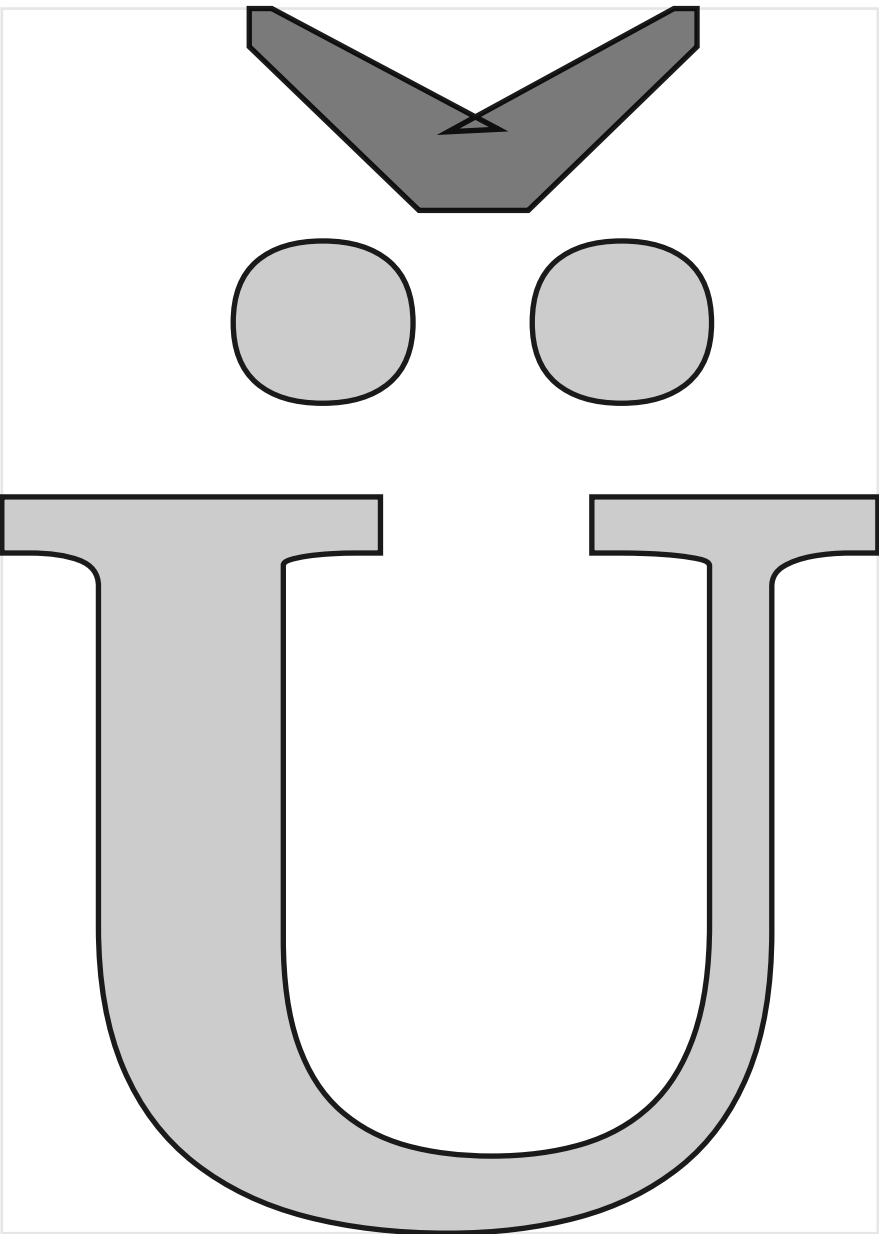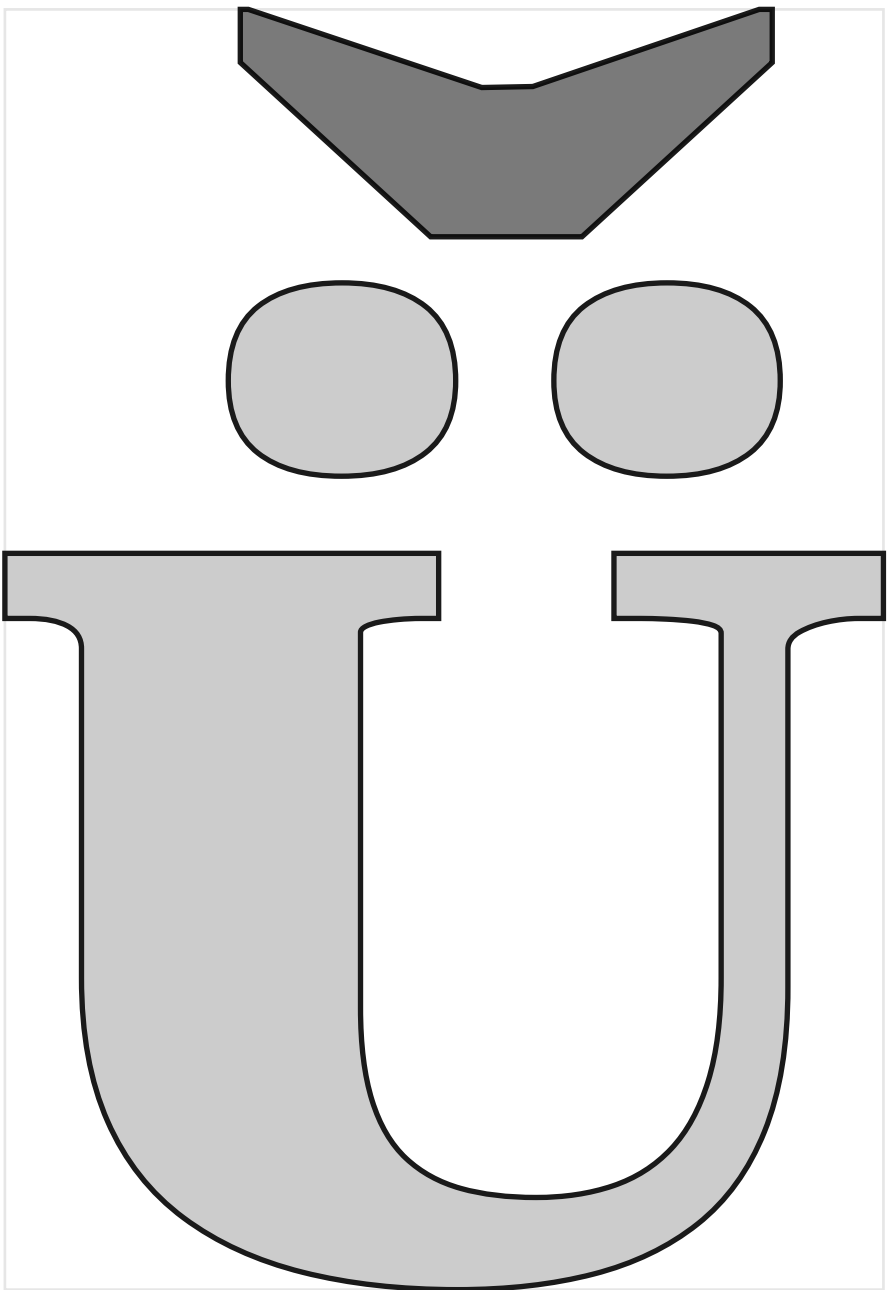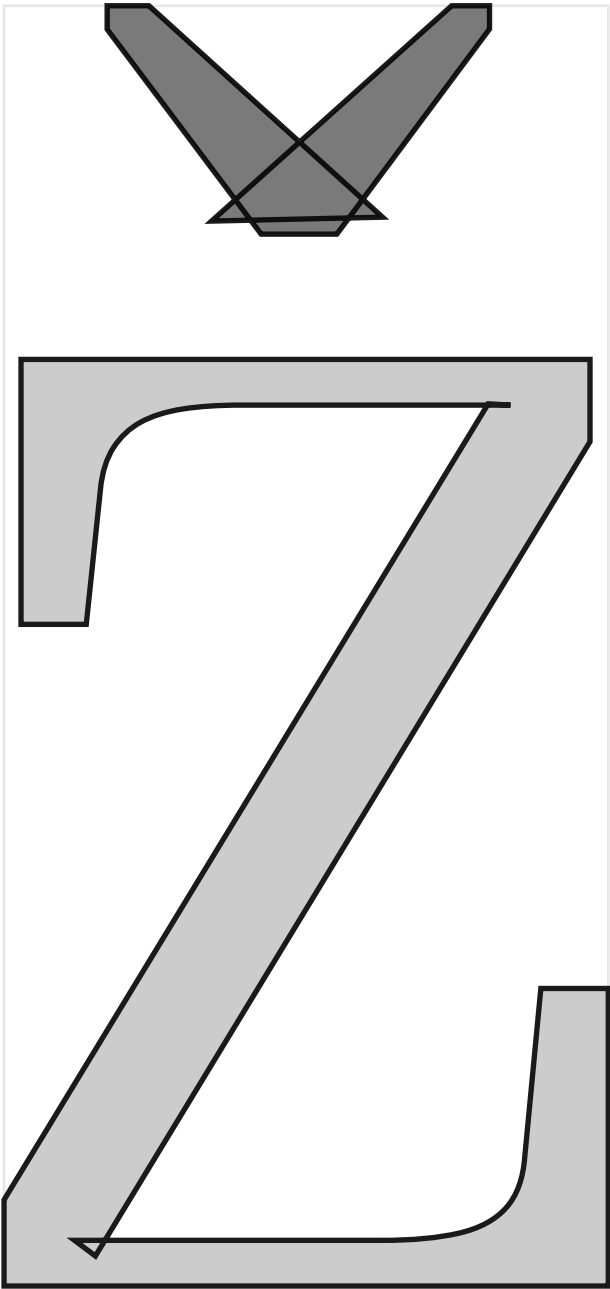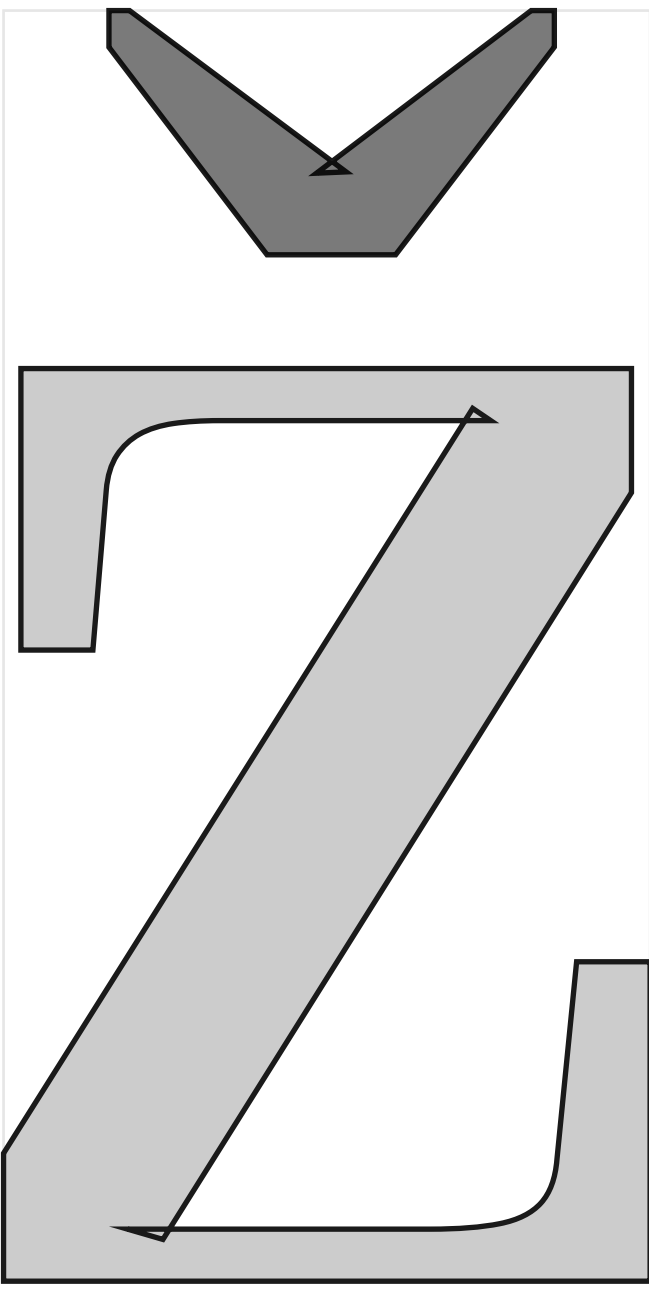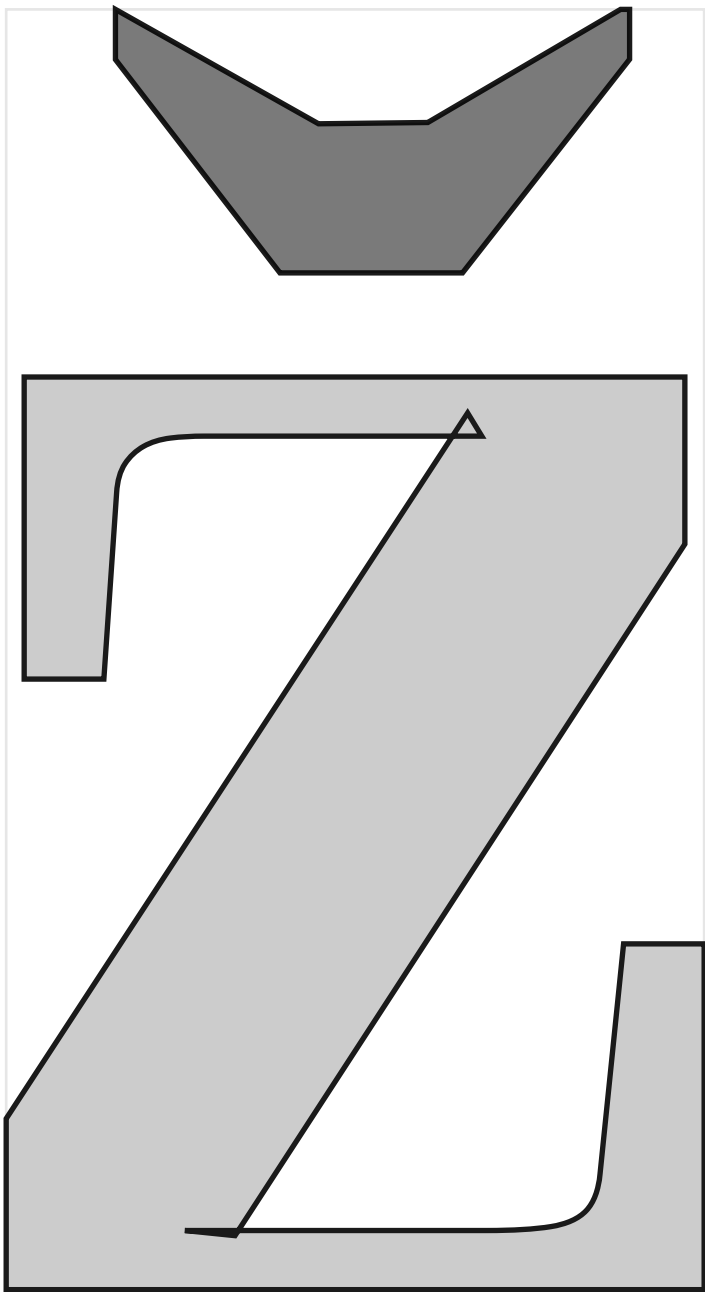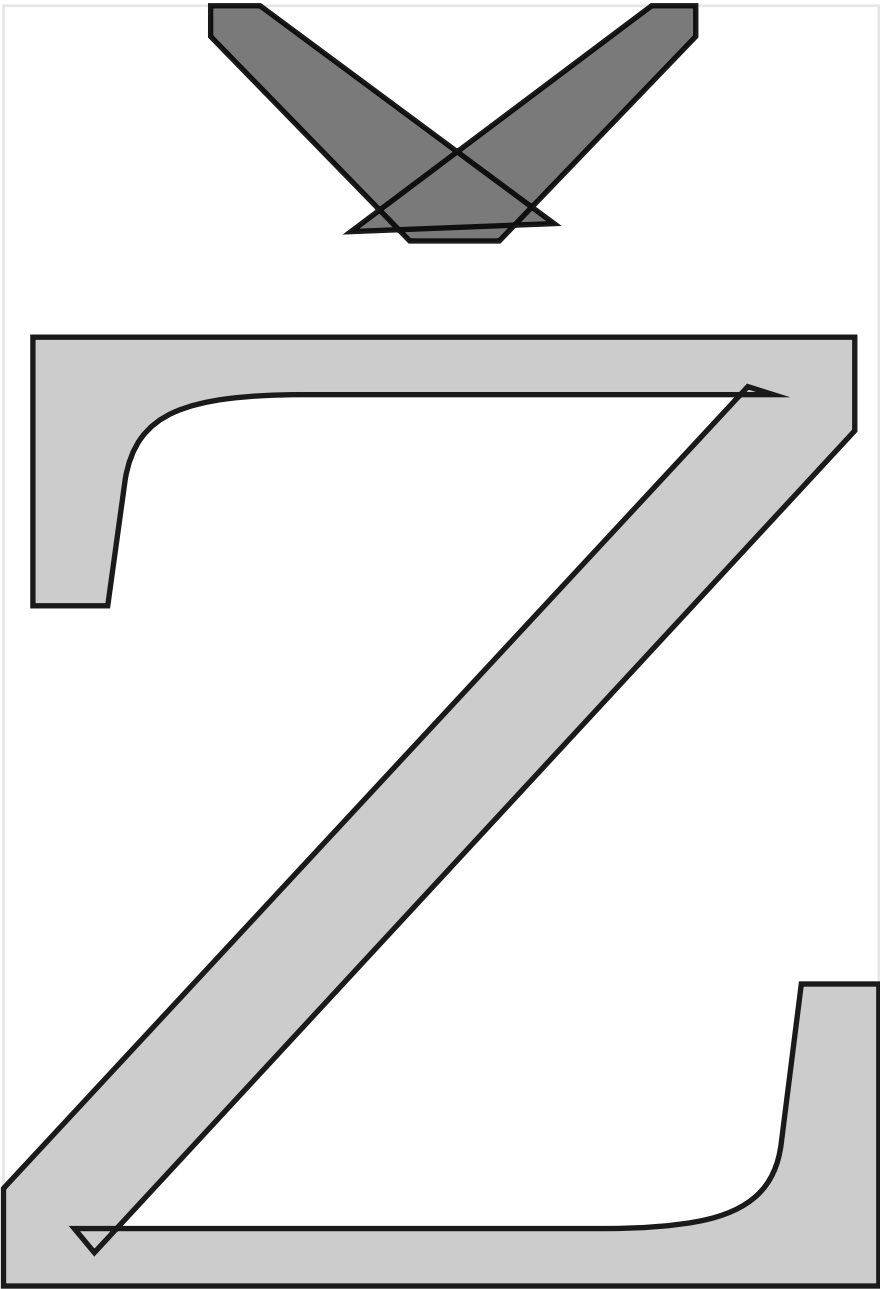underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'                    midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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# Glyph name: Udieresiscaron

## underweight

### 'GRAD=−50.0 opsz=8.0 wdth=50.0'



### midway interpolation



### 'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'



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# Glyph name: Udieresiscaron

## underweight

’GRAD=−50.0 opsz=8.0 wdth=150.0’

midway interpolation

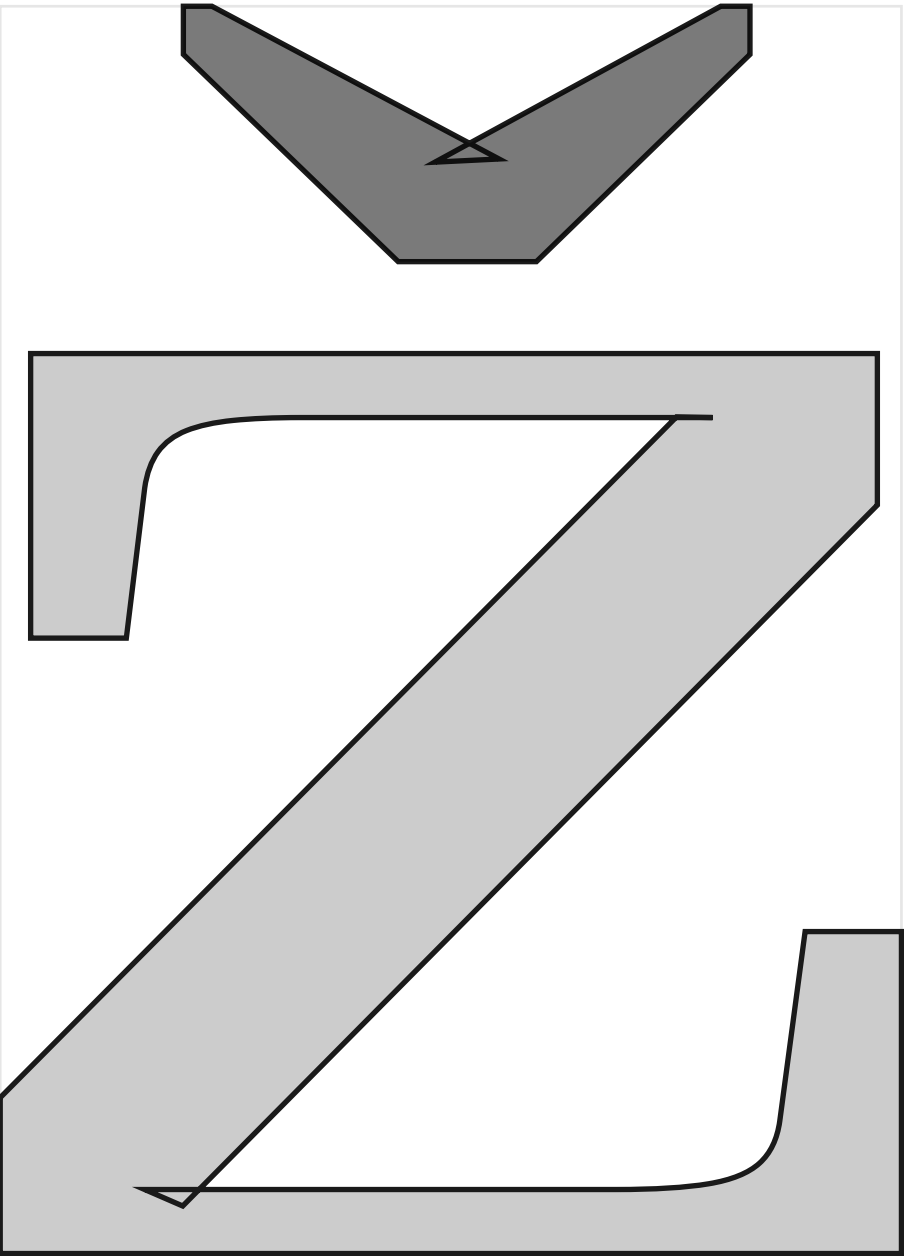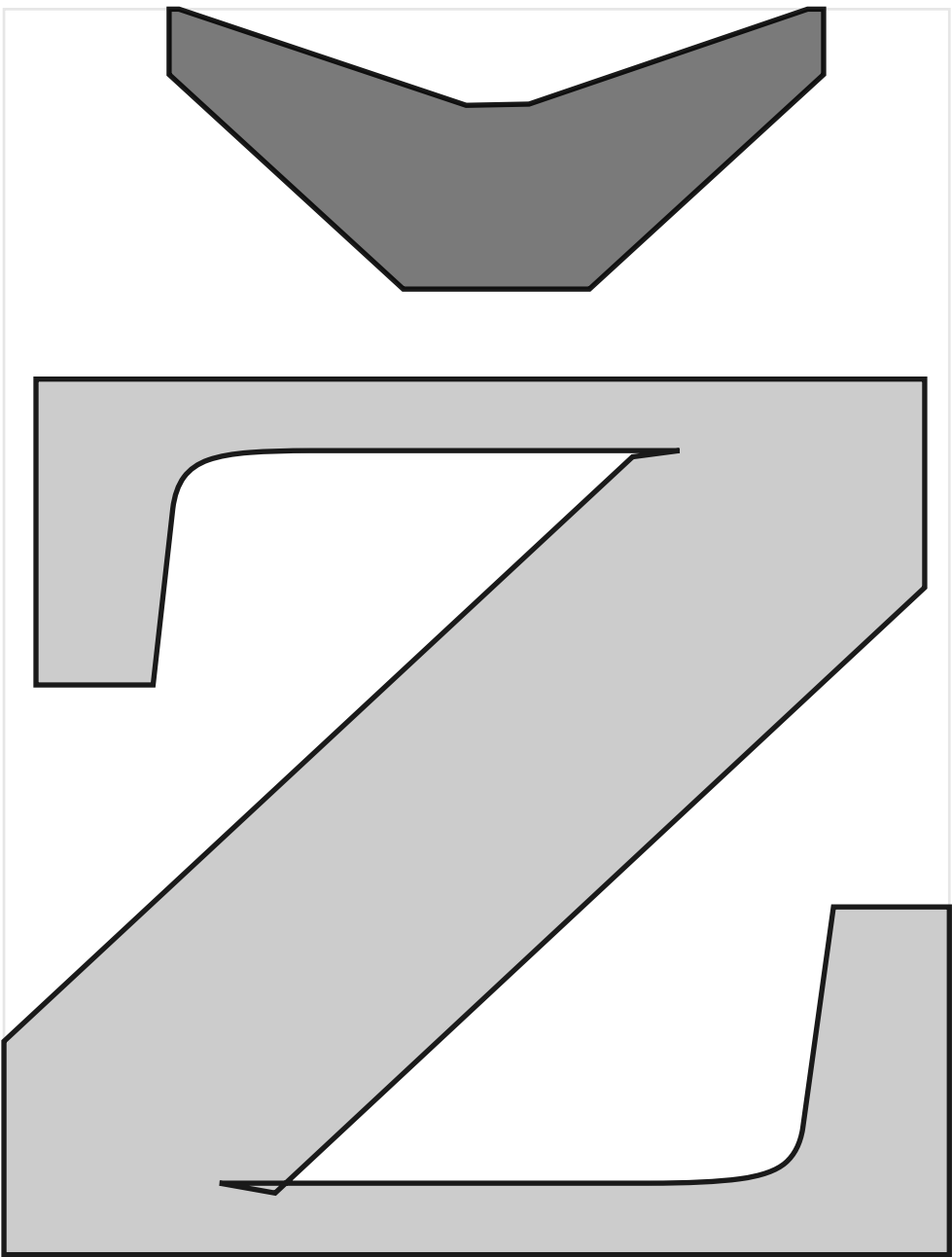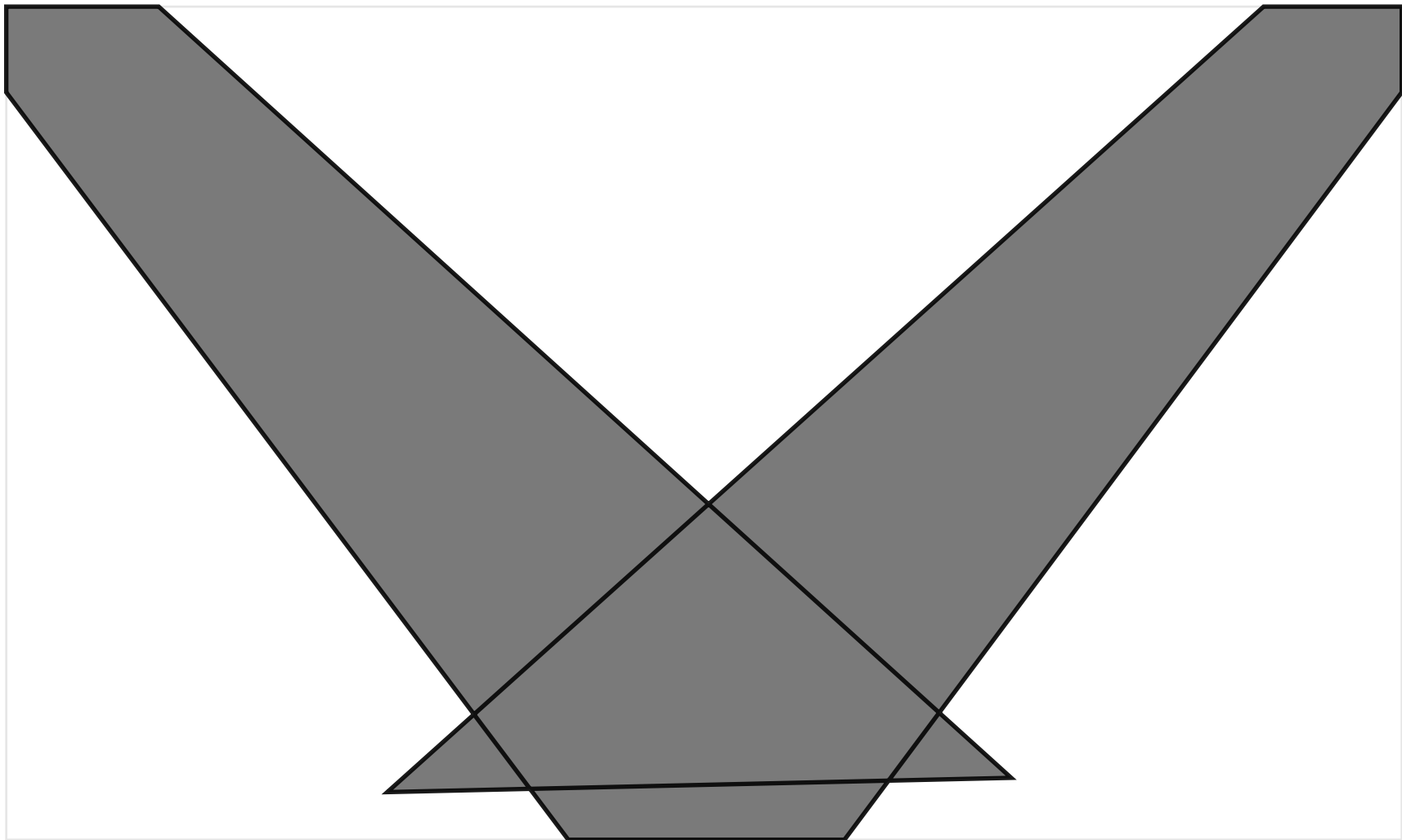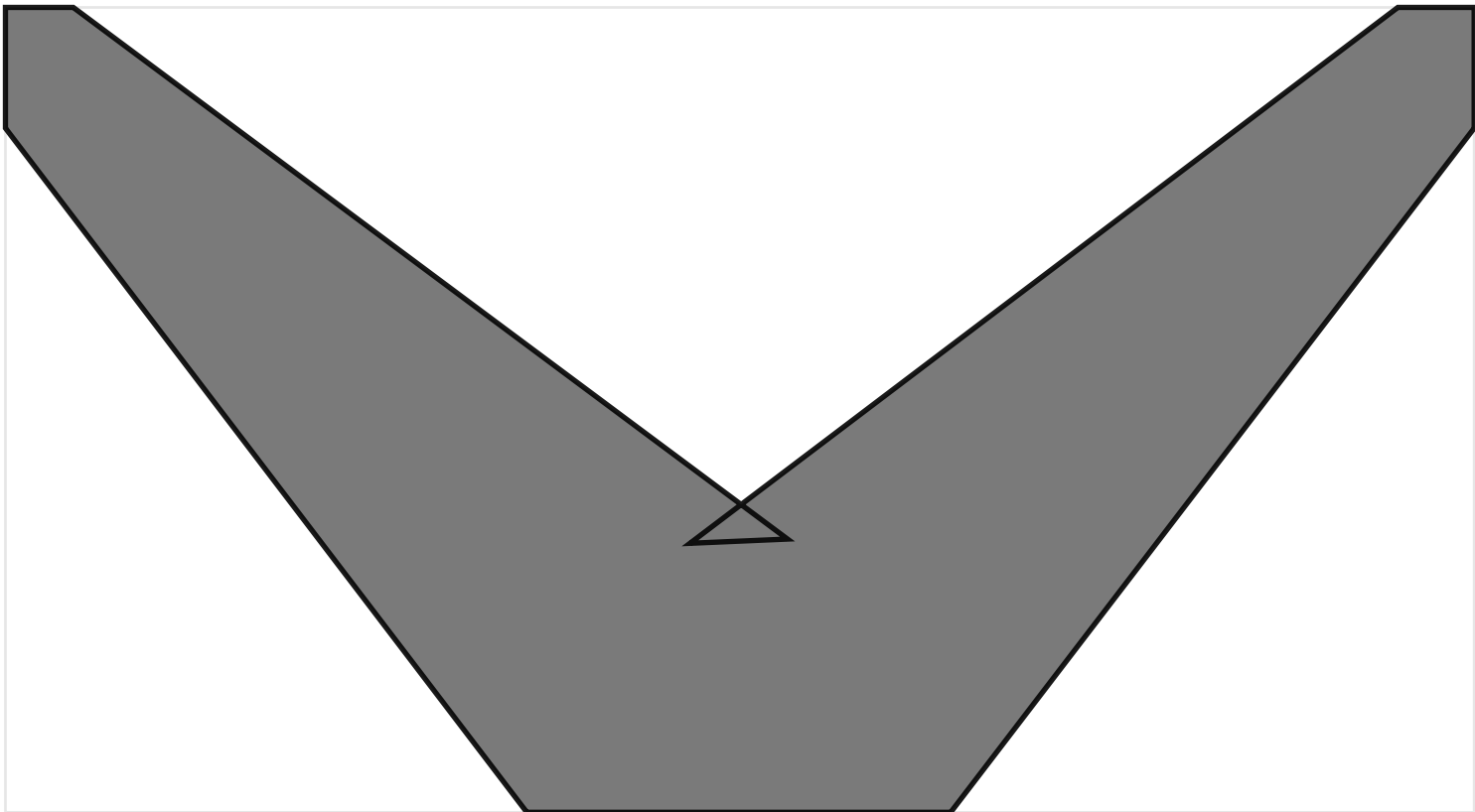’GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0’

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underweight

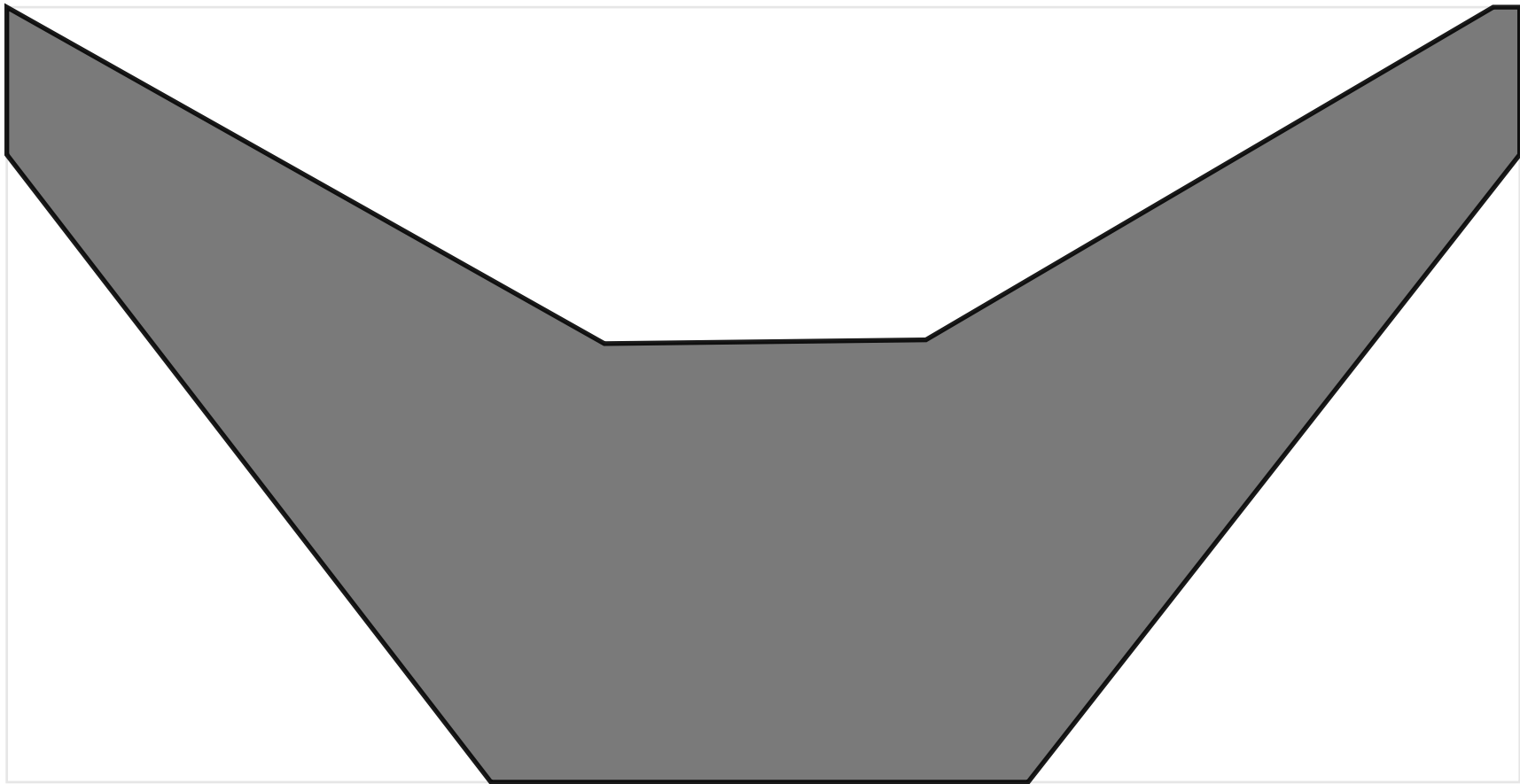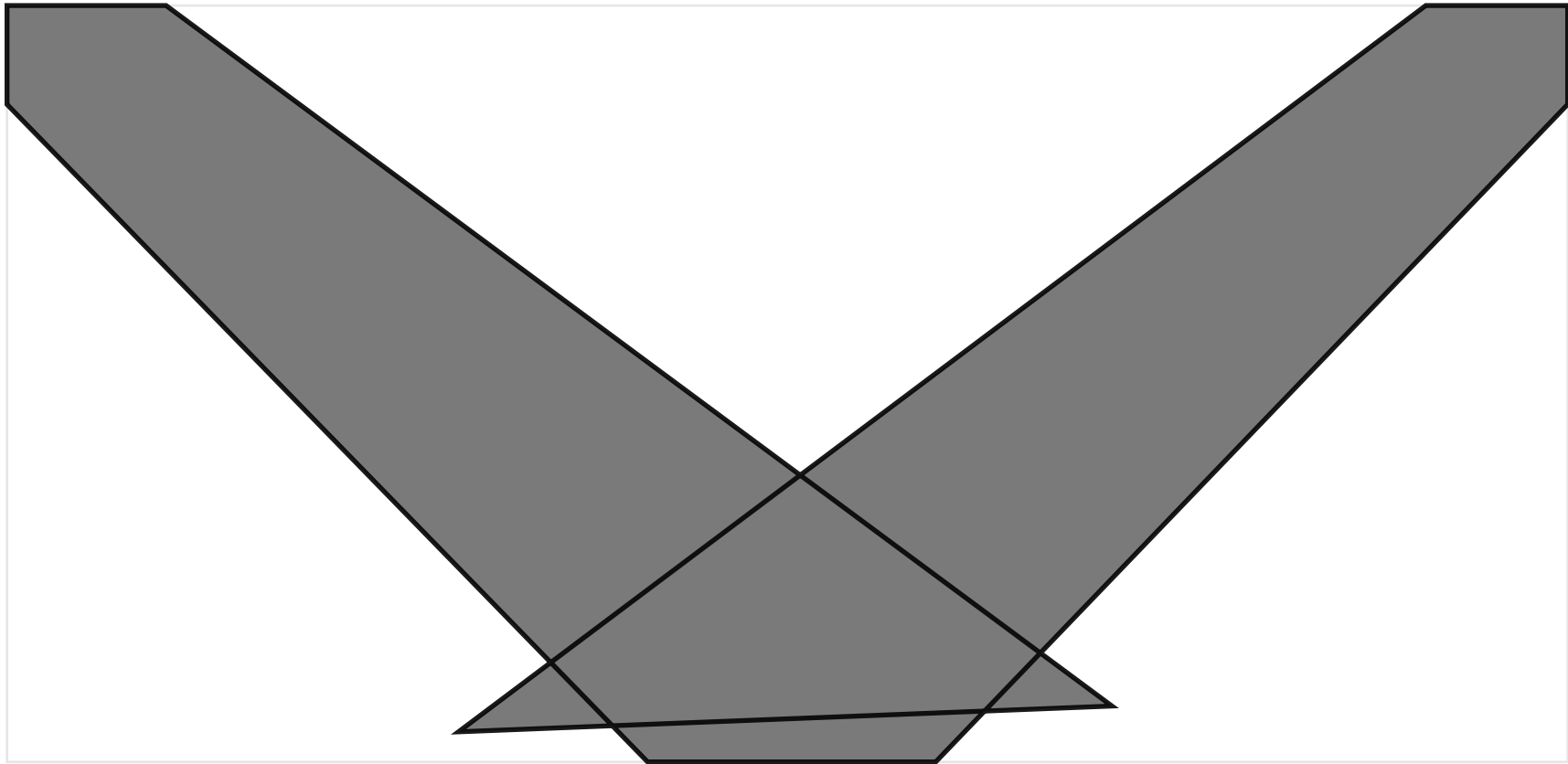'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

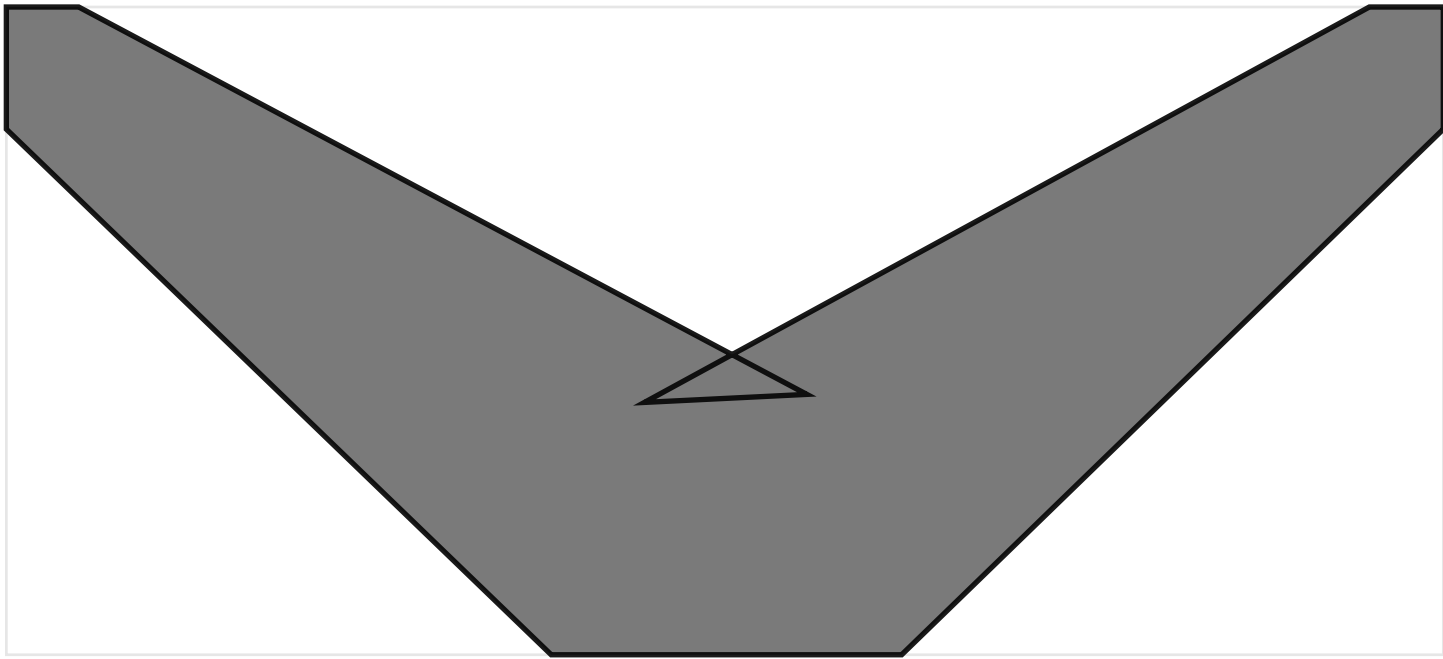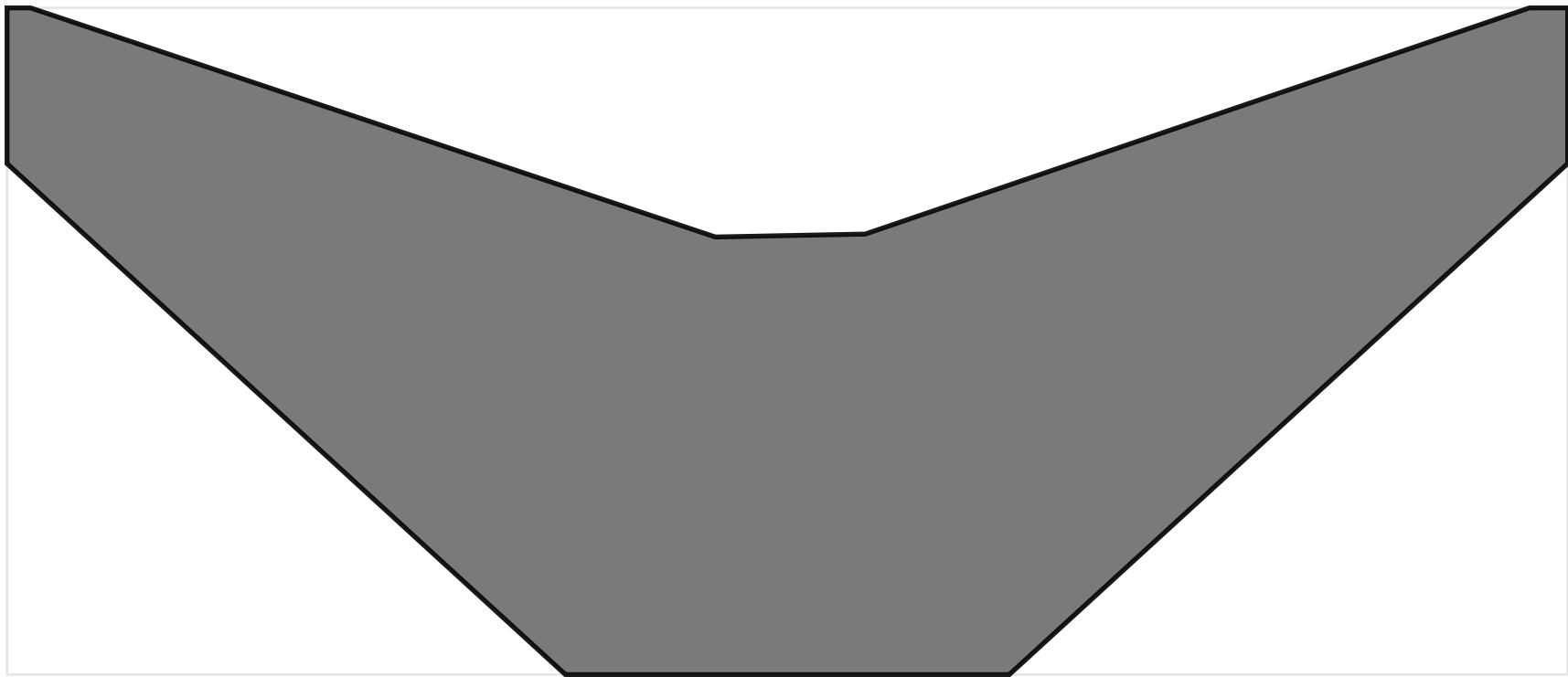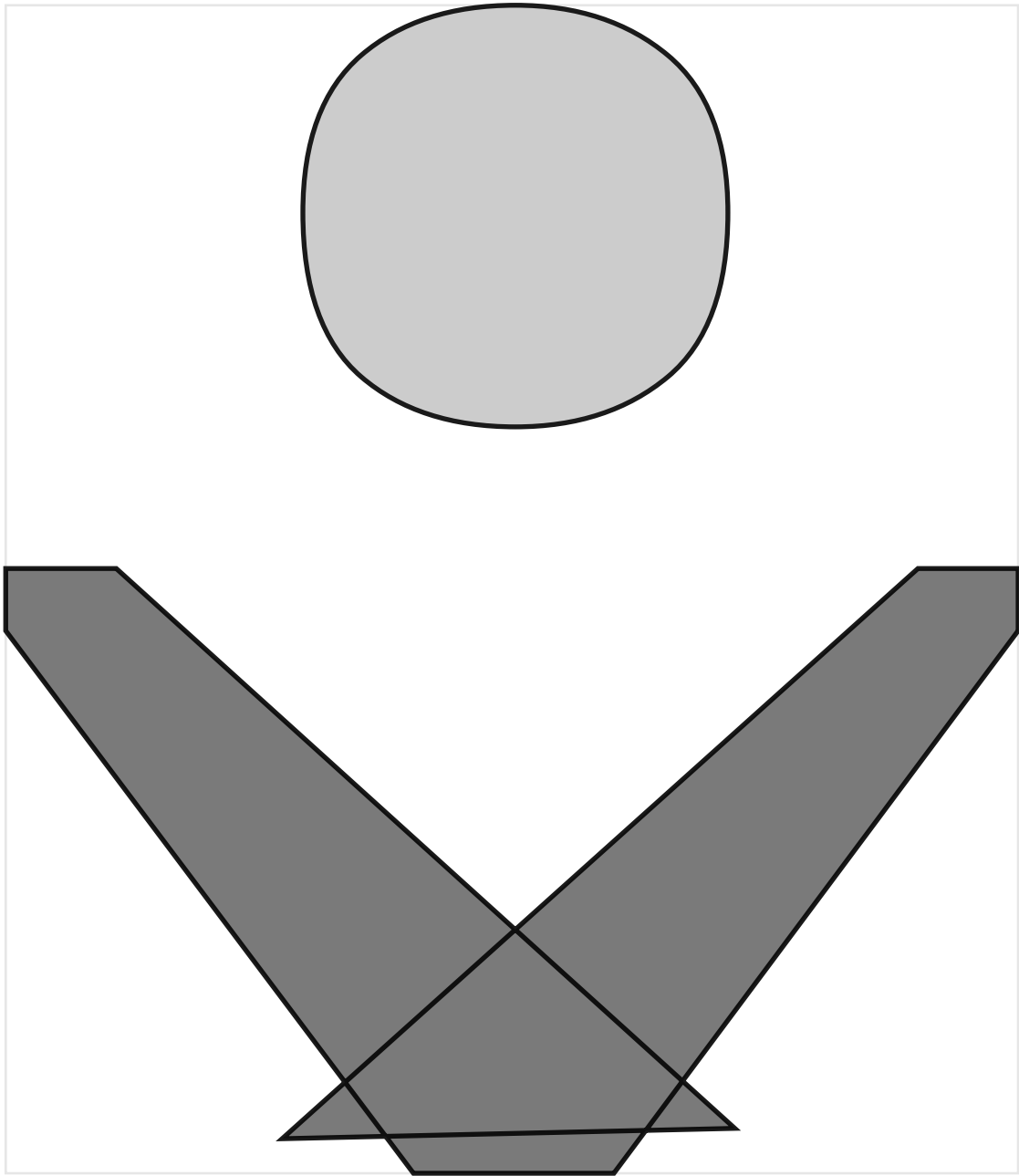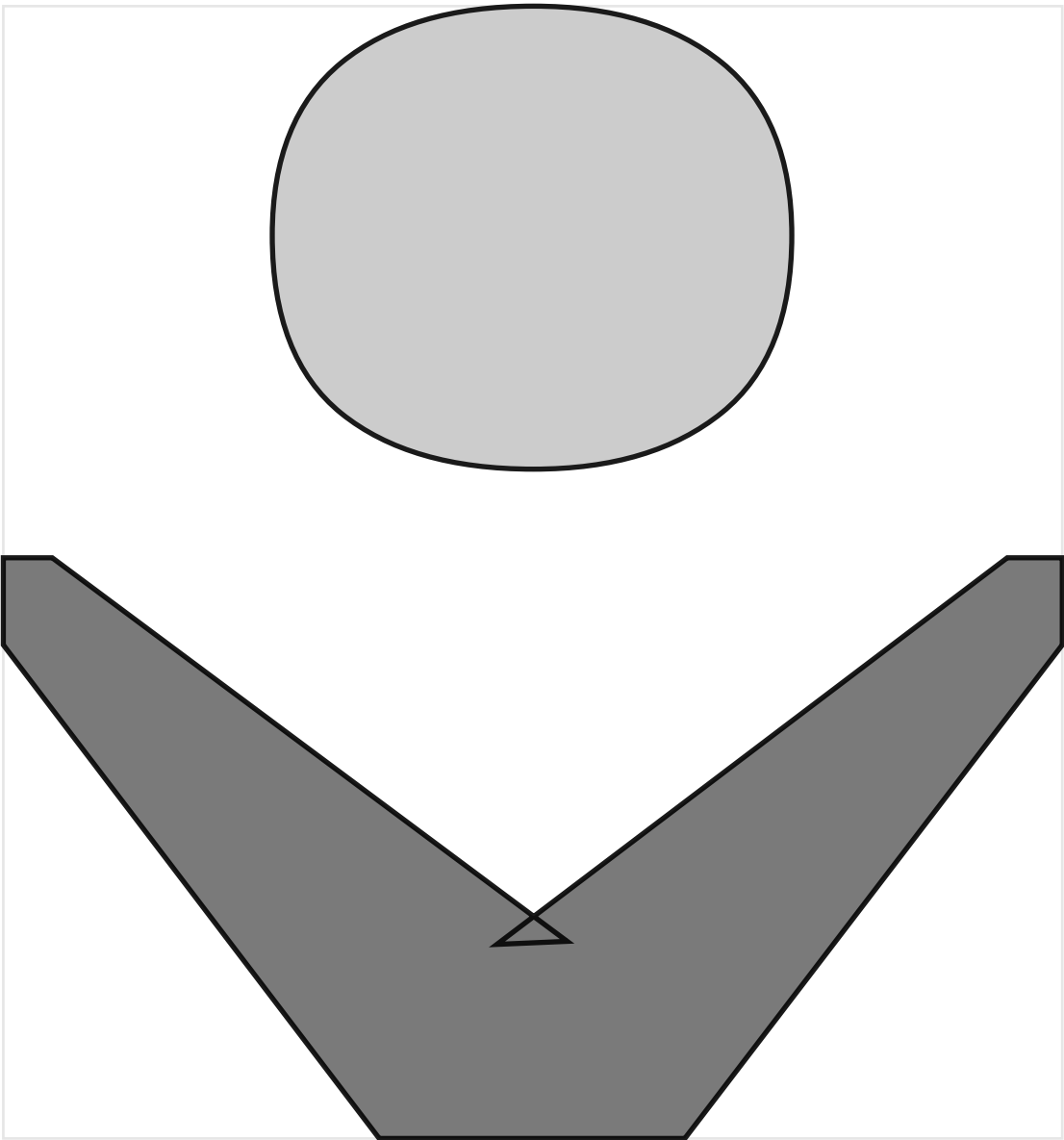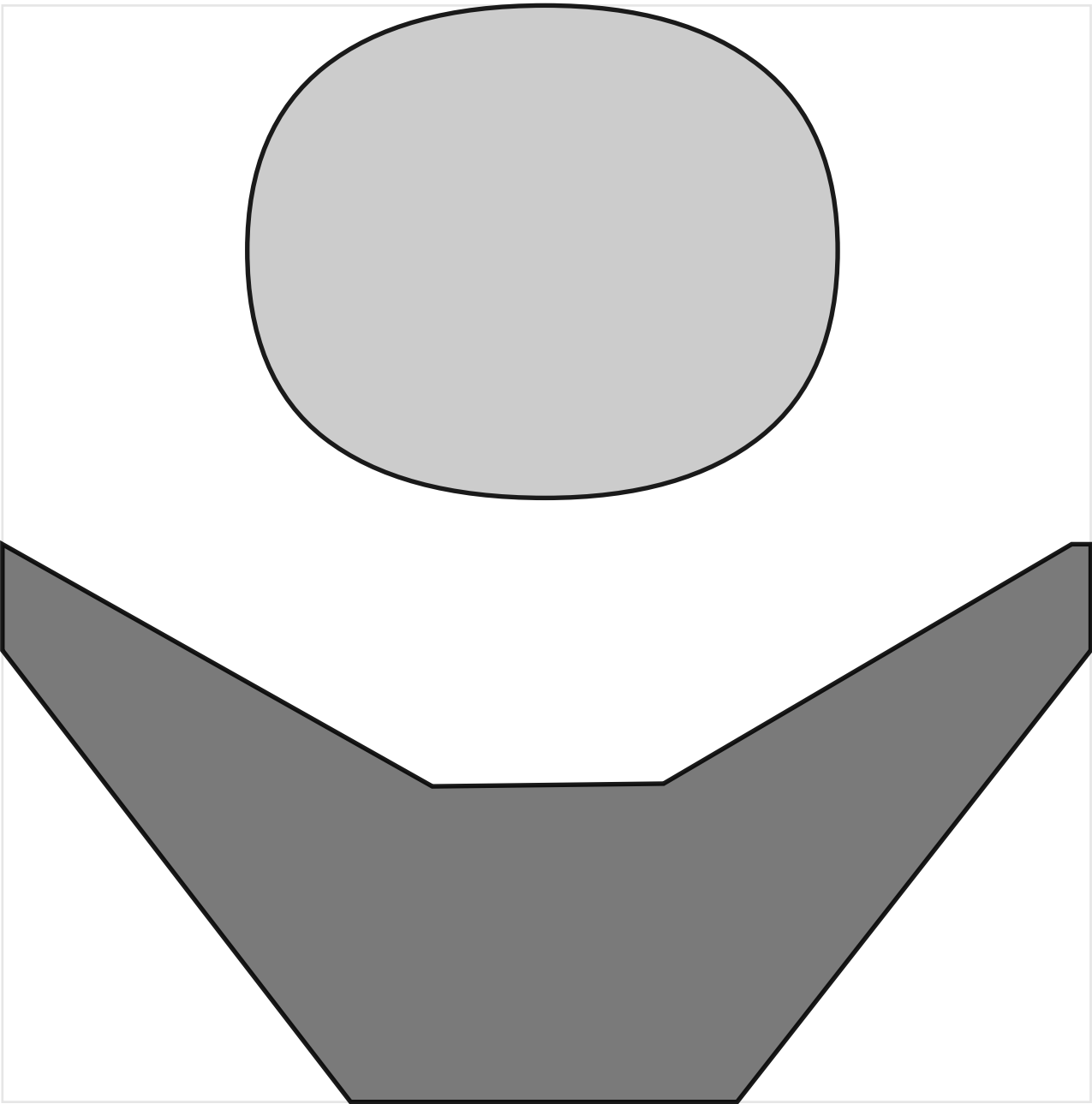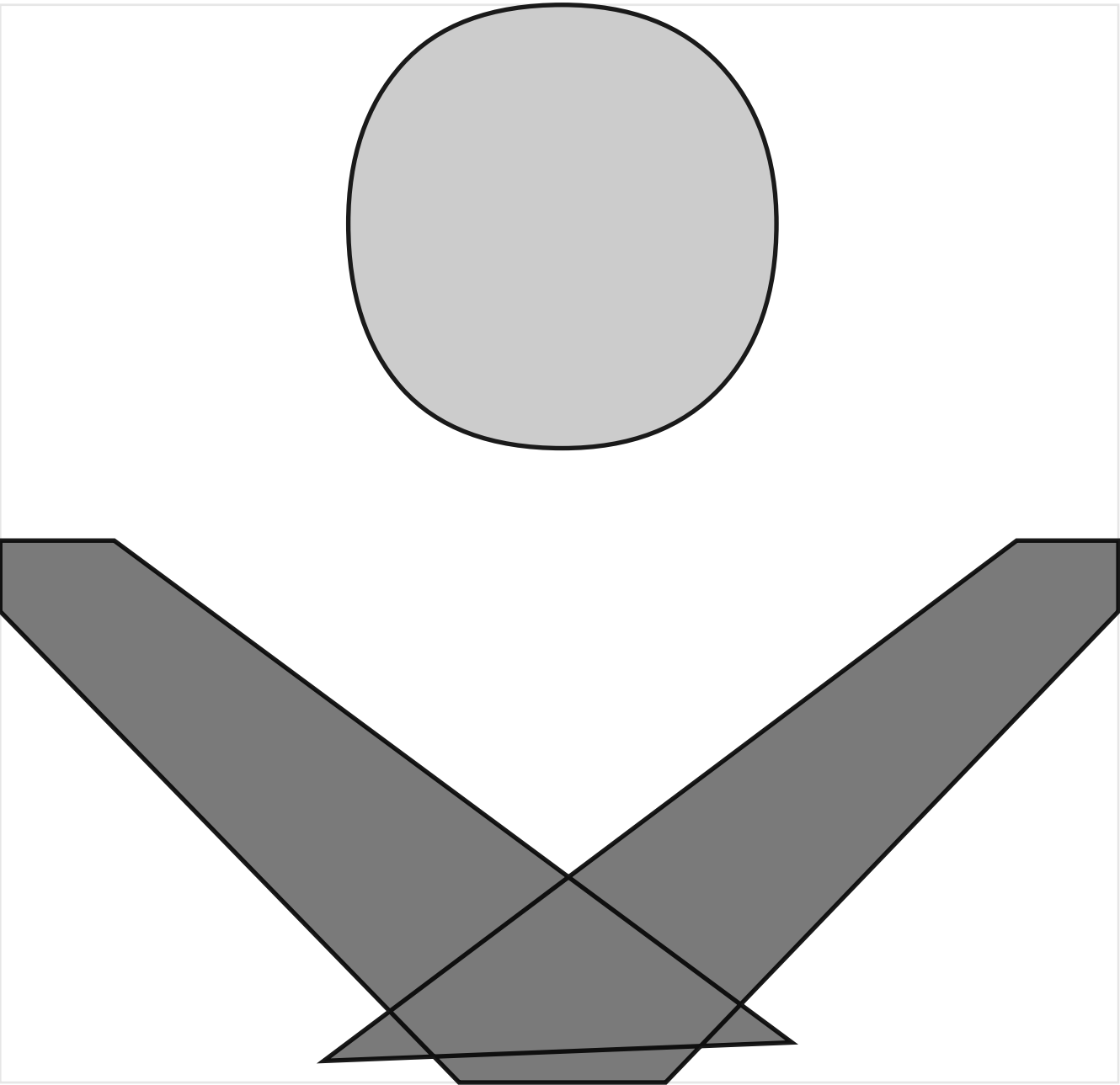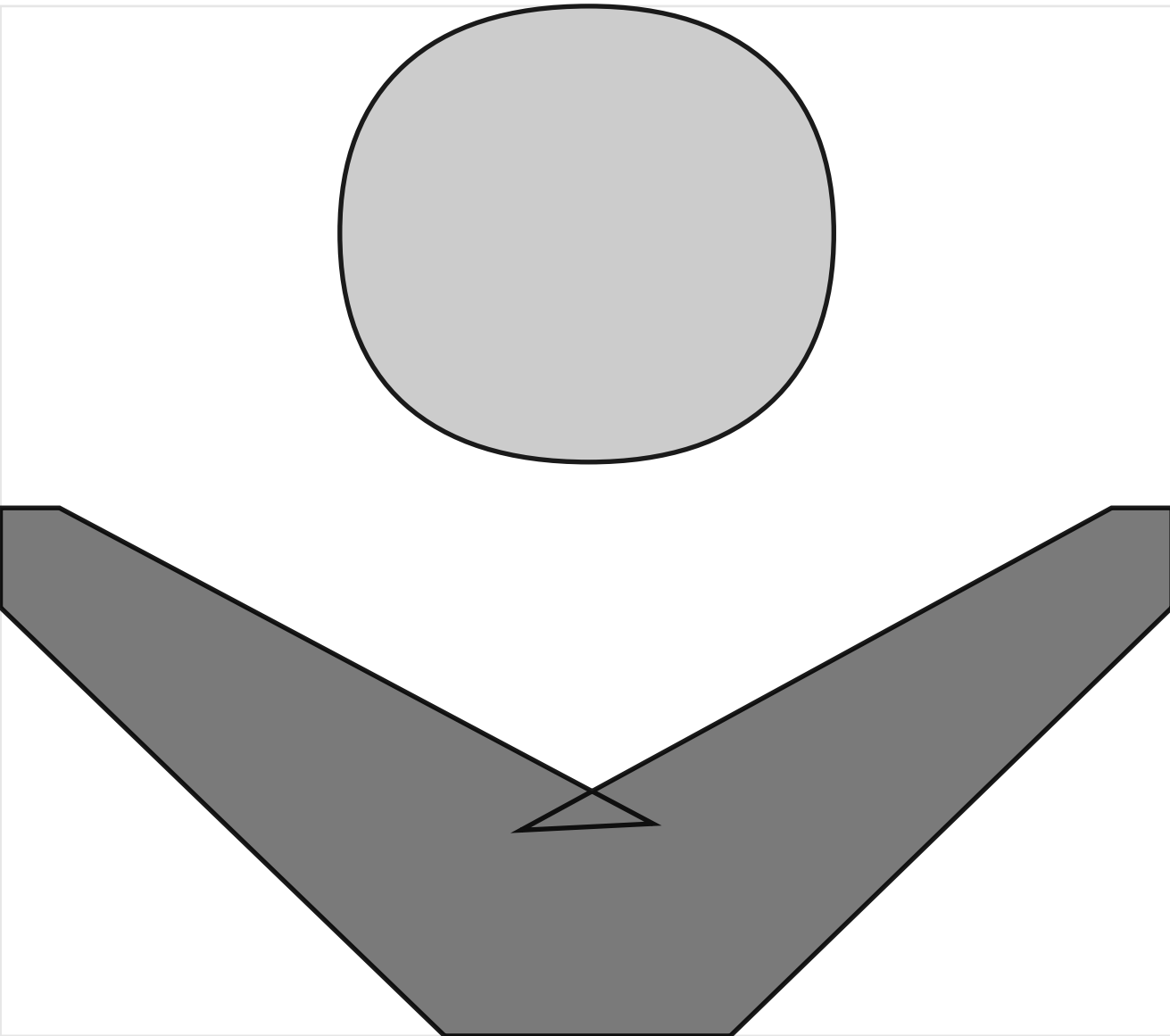'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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# Glyph name: Zcaron

## underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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# Glyph name: caron.uc

**underweight**

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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## underweight
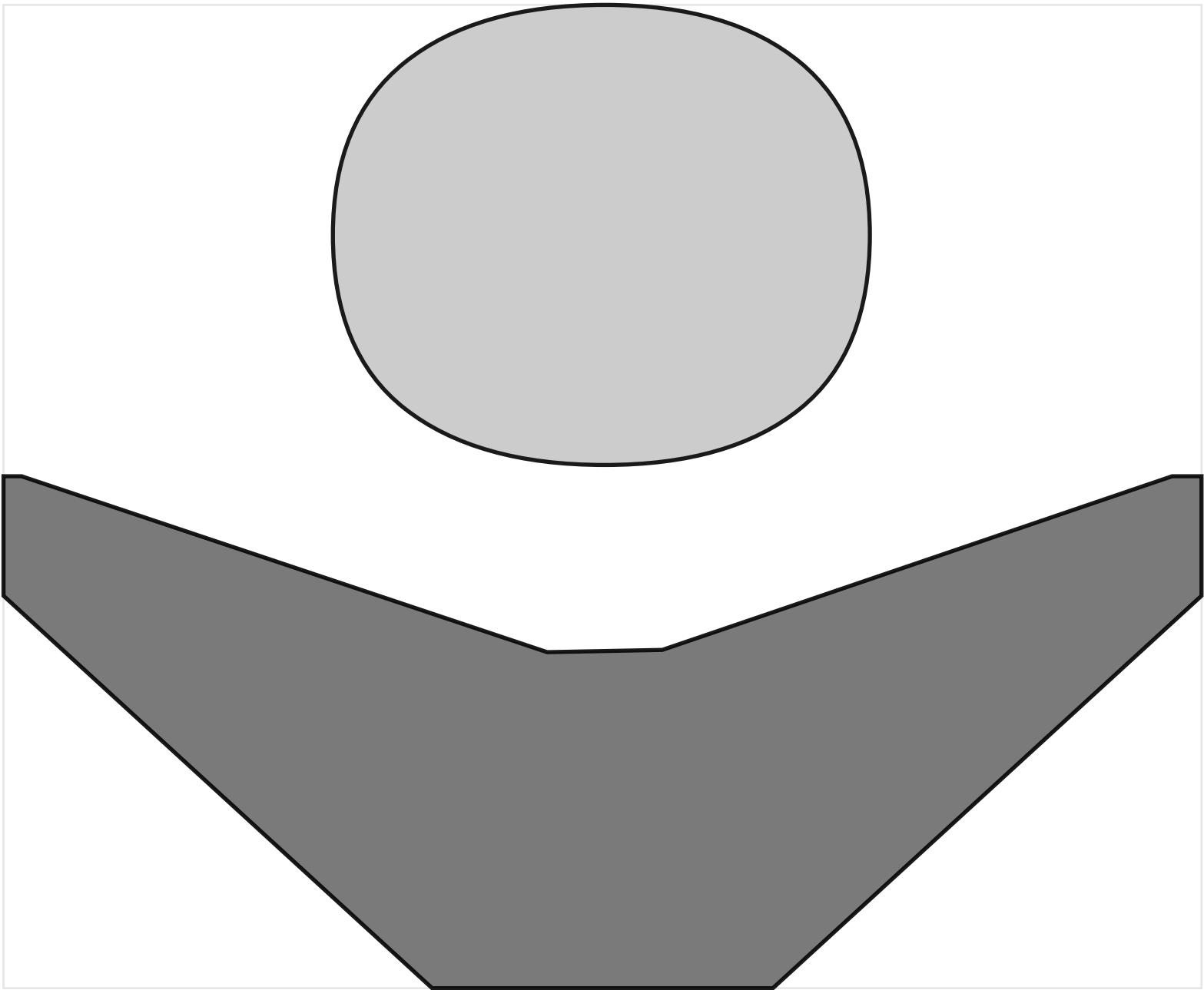
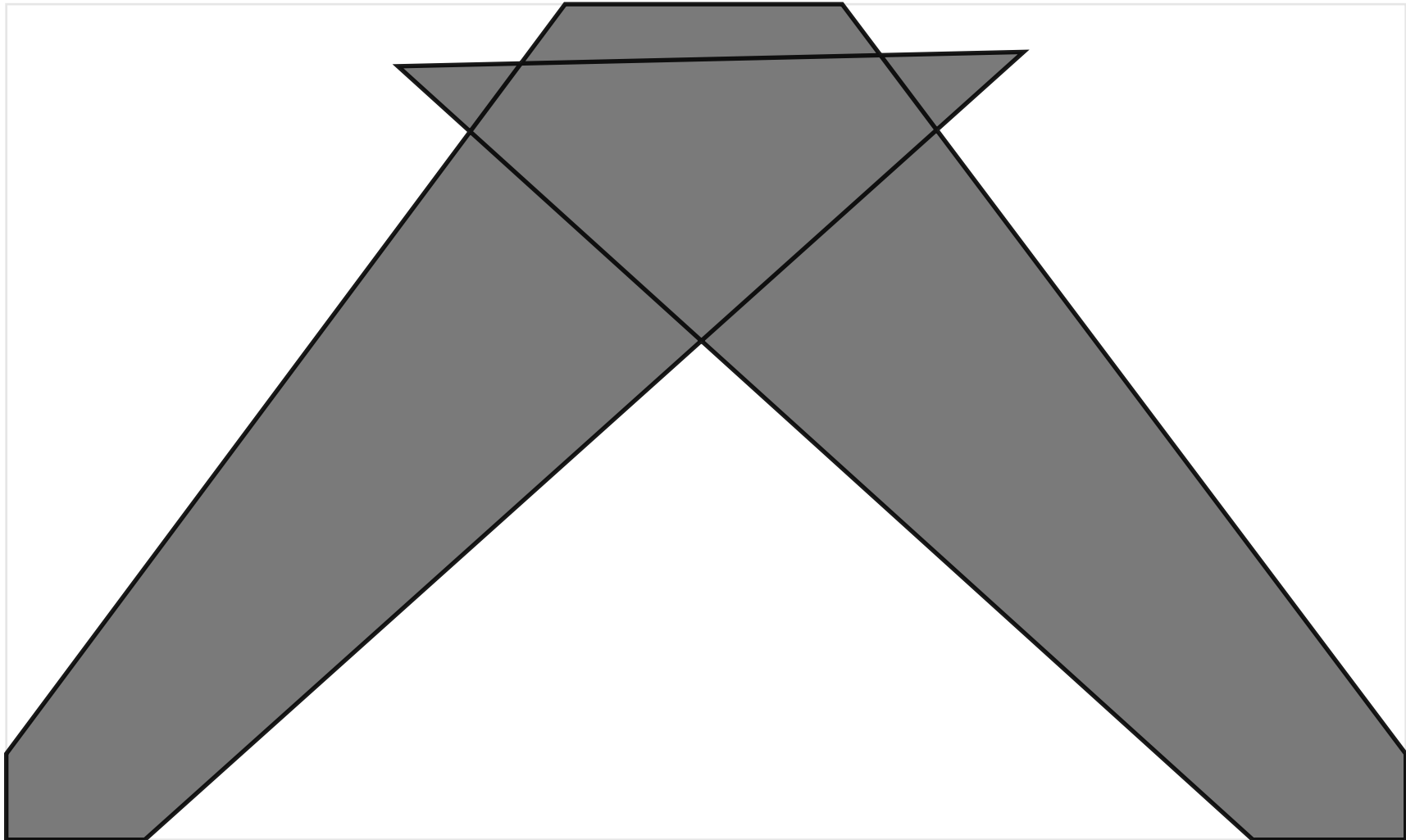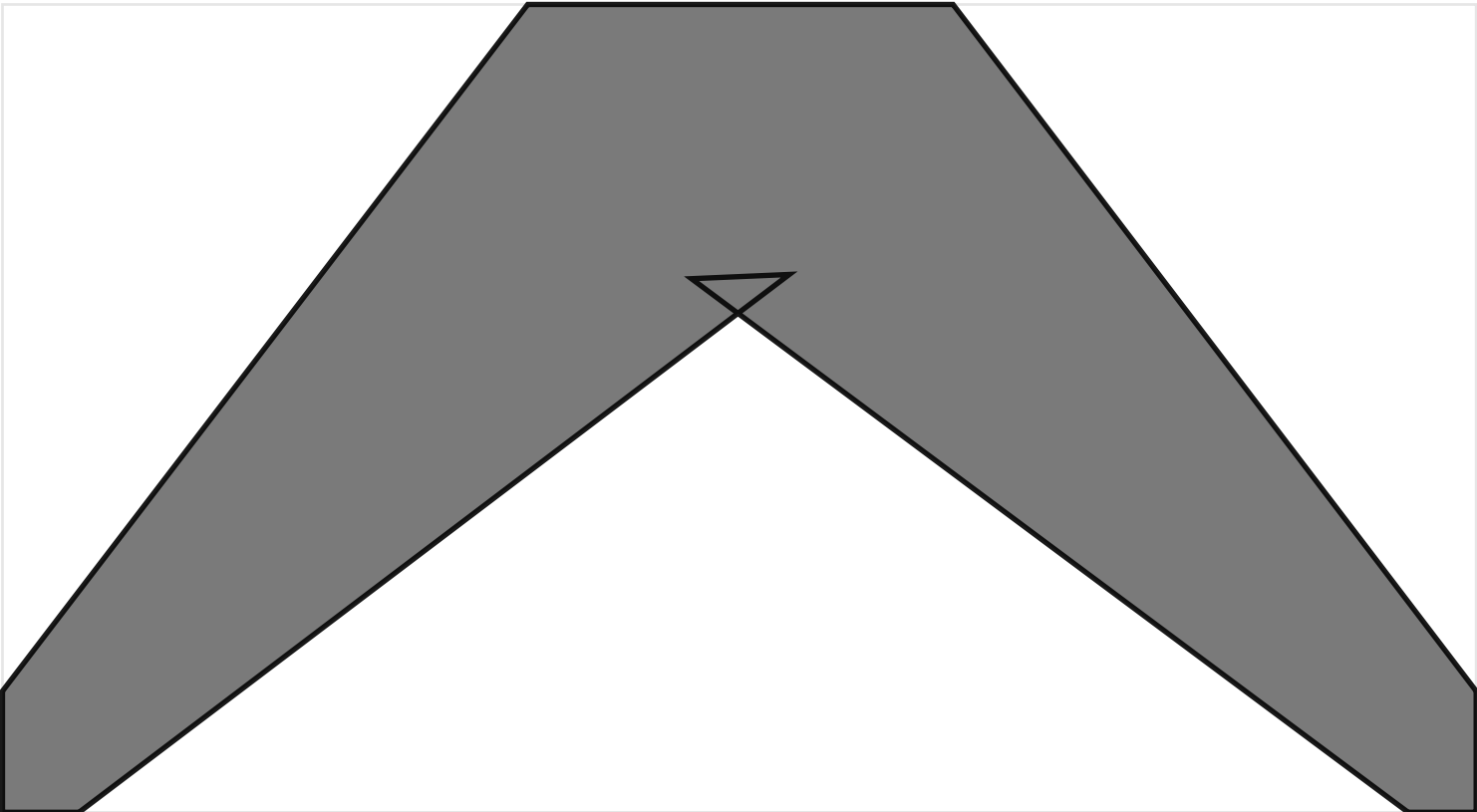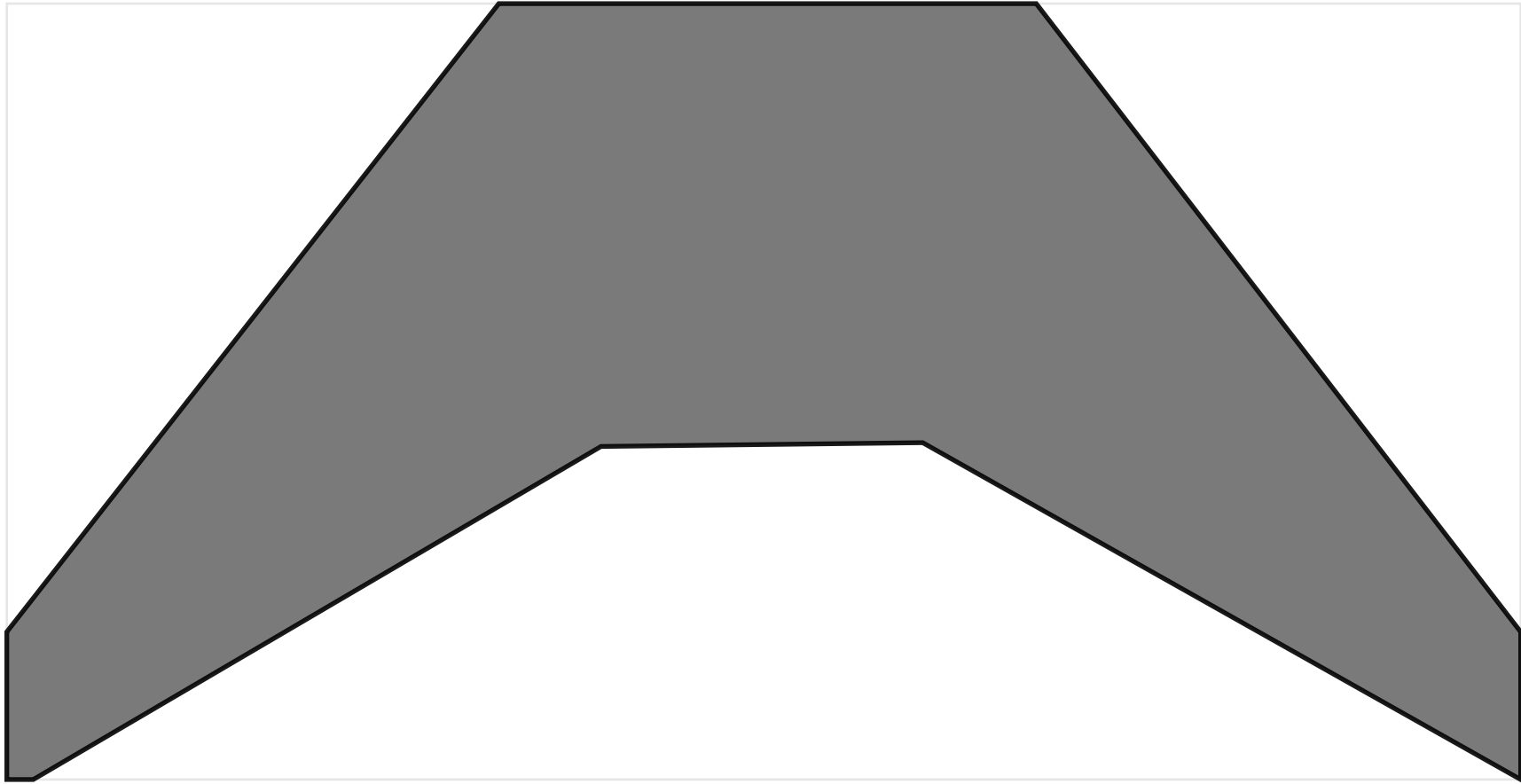'GRAD=−50.0 opsz=8.0 wdth=150.0'                    midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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## underweight

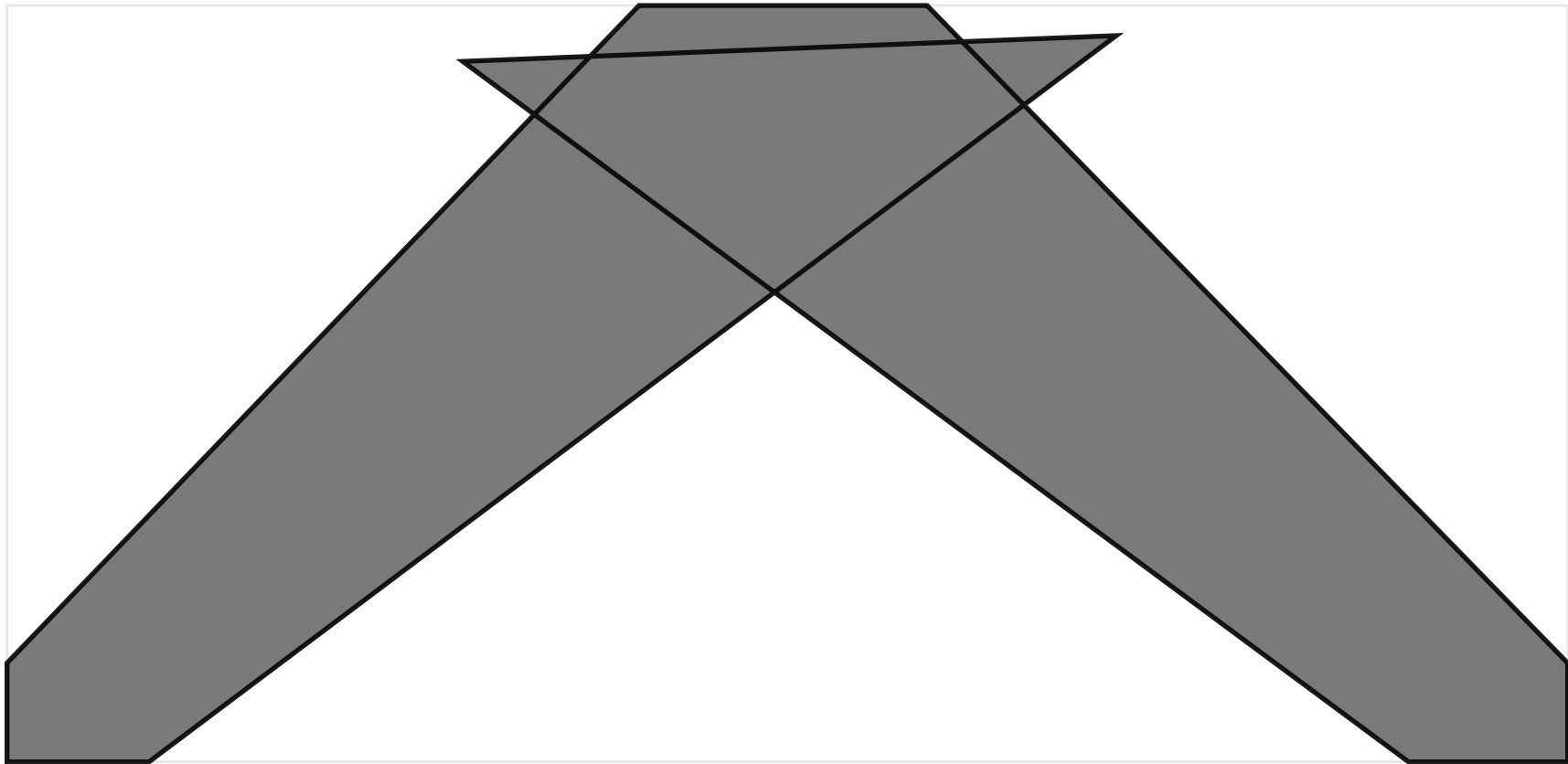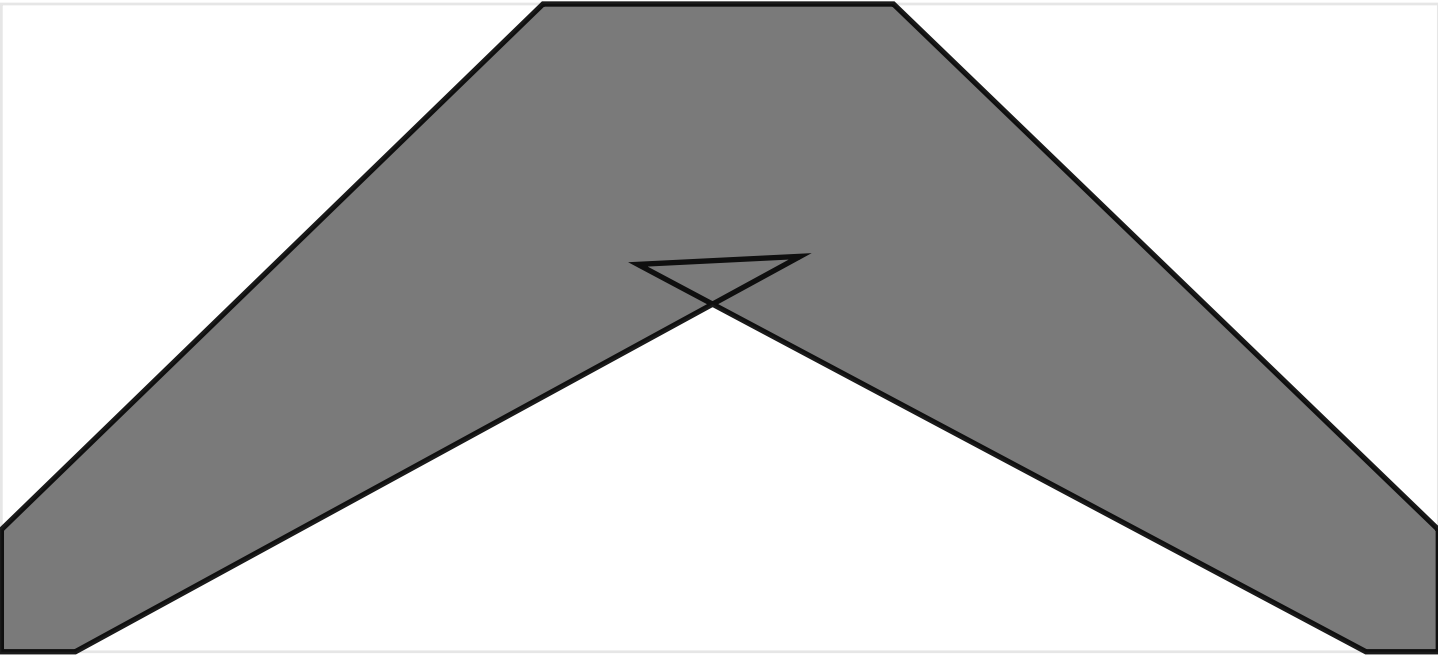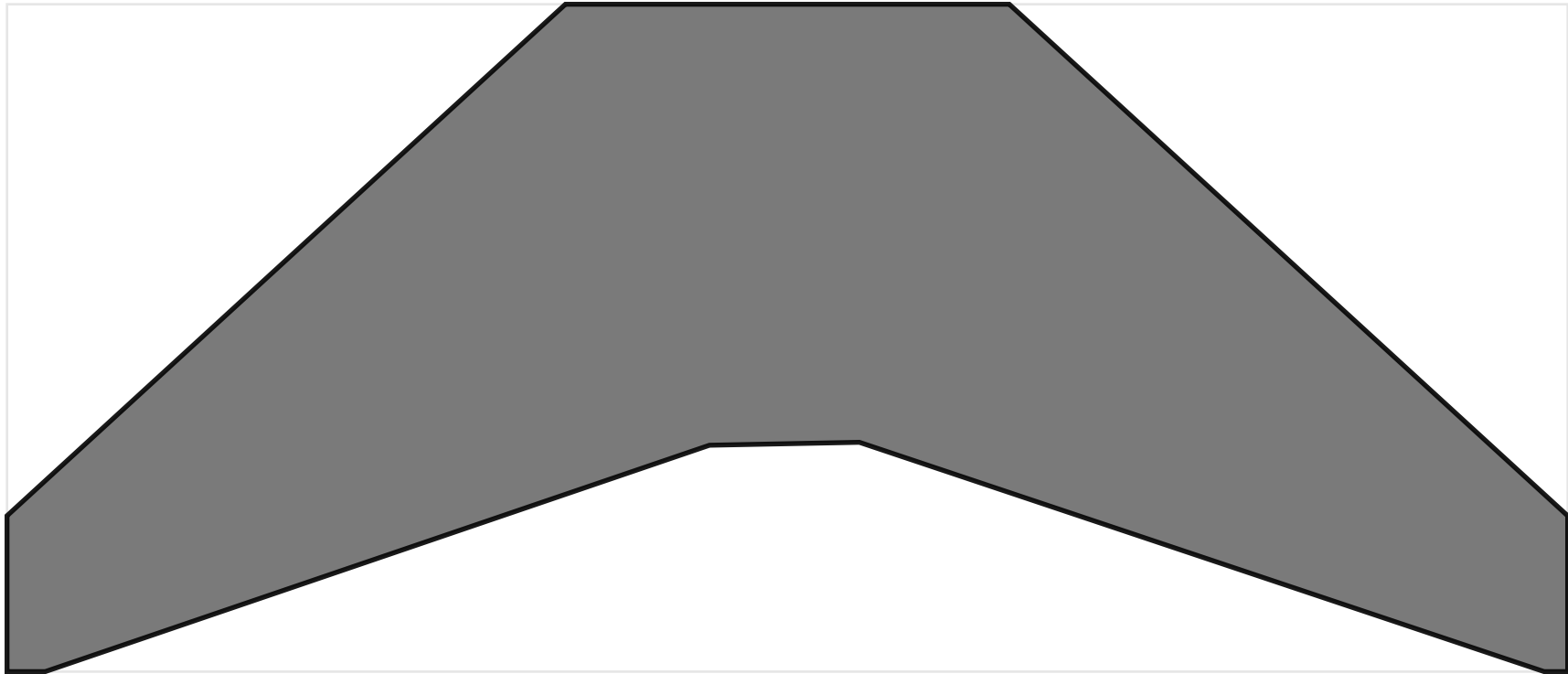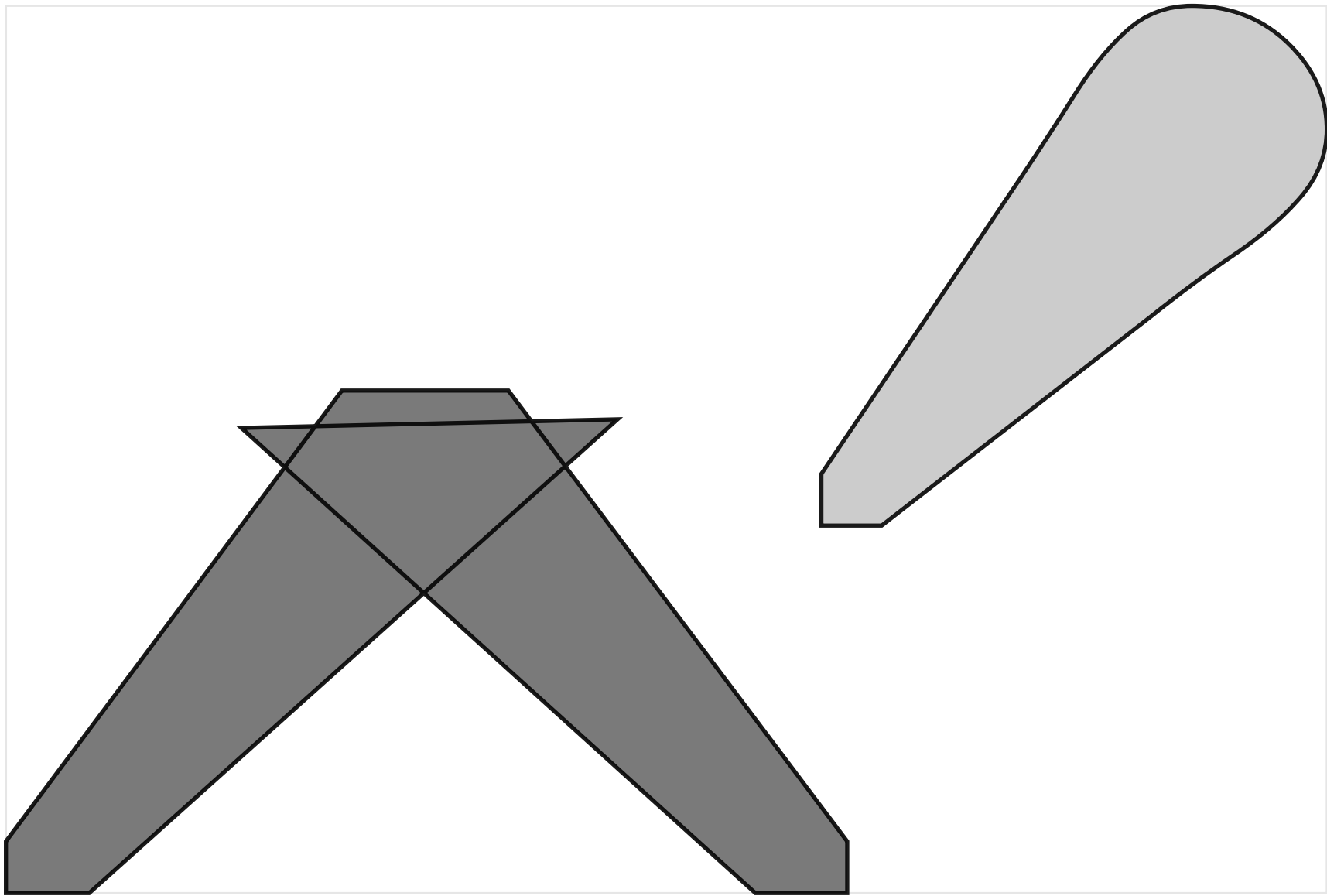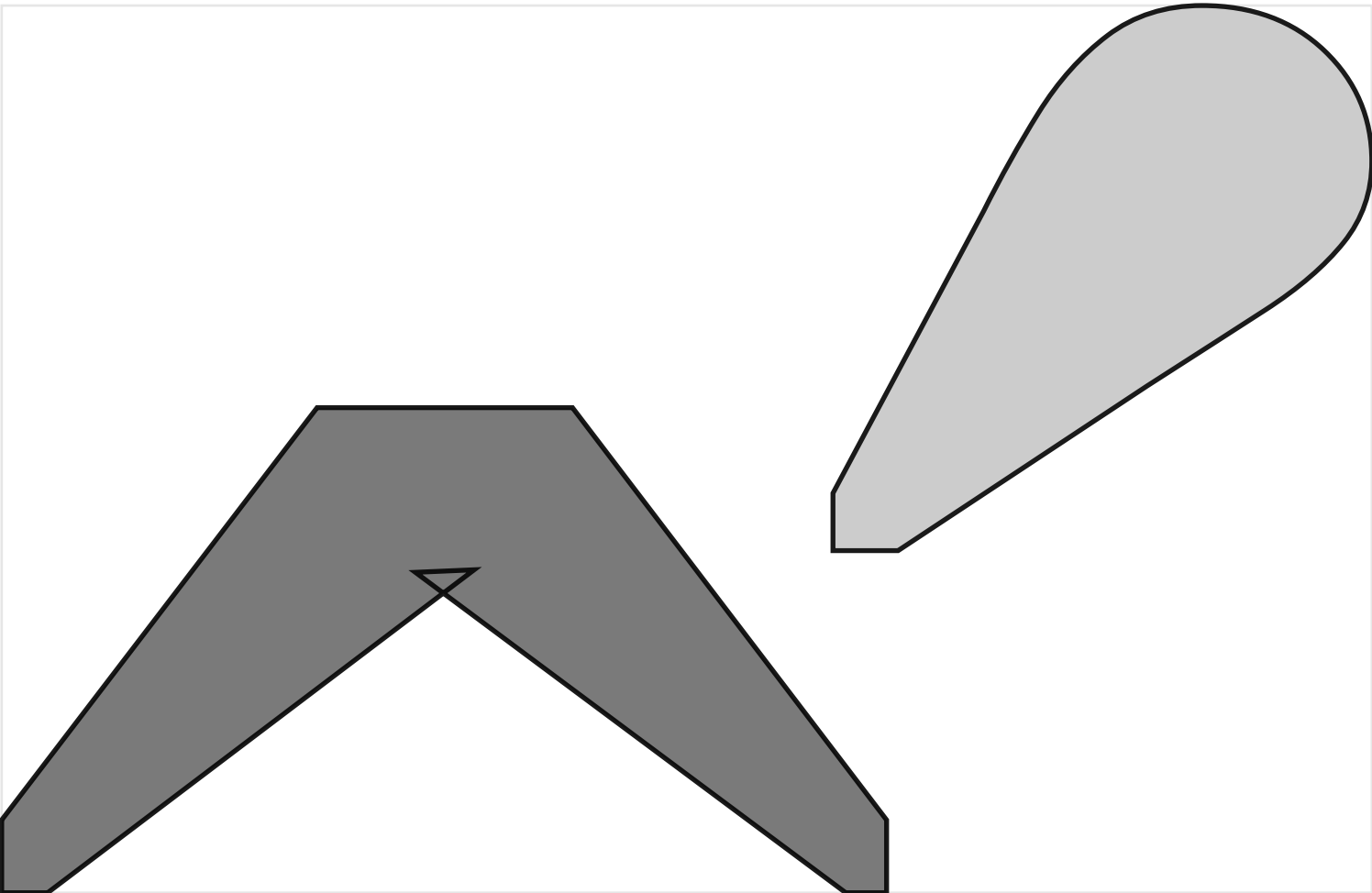'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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underweight

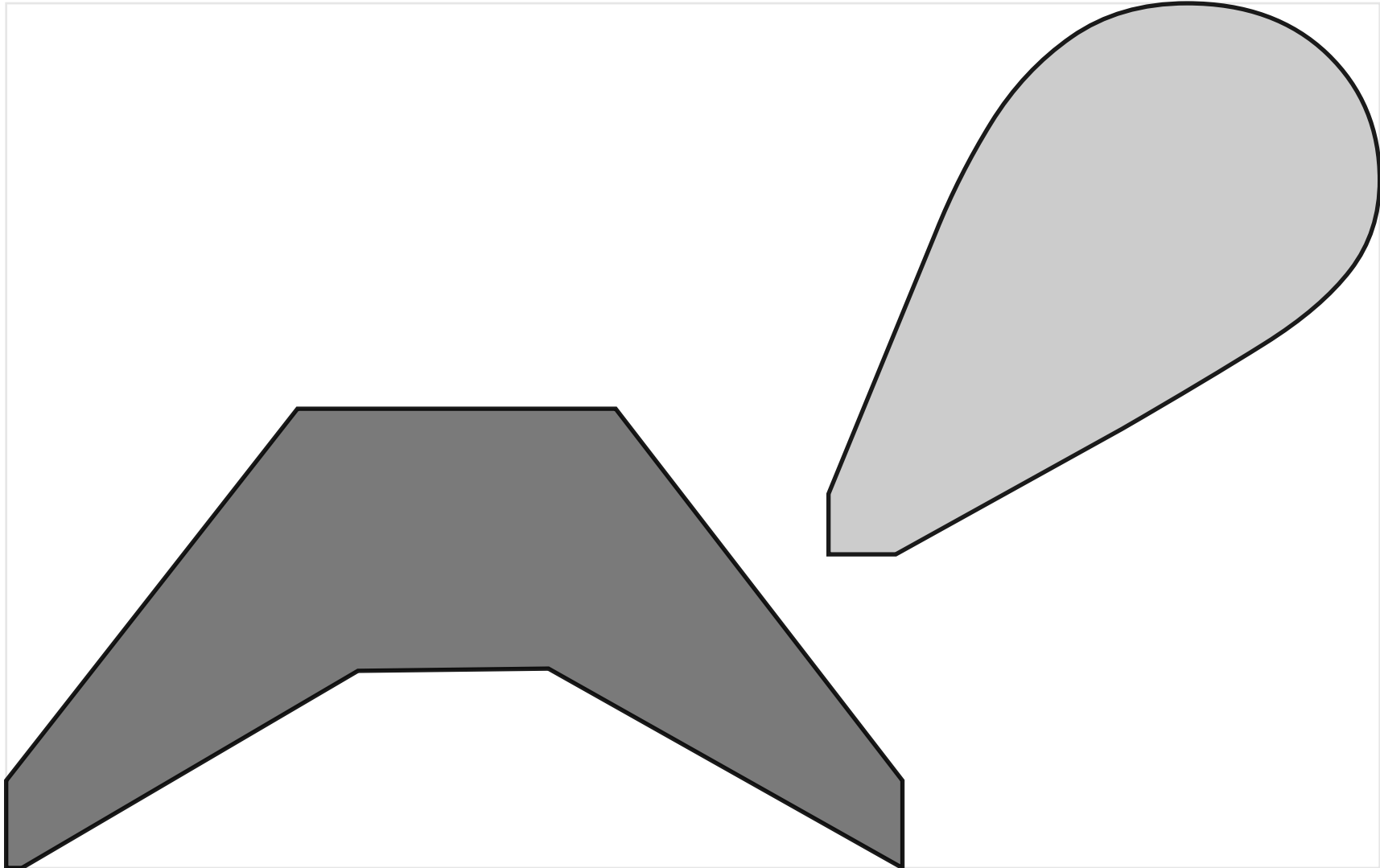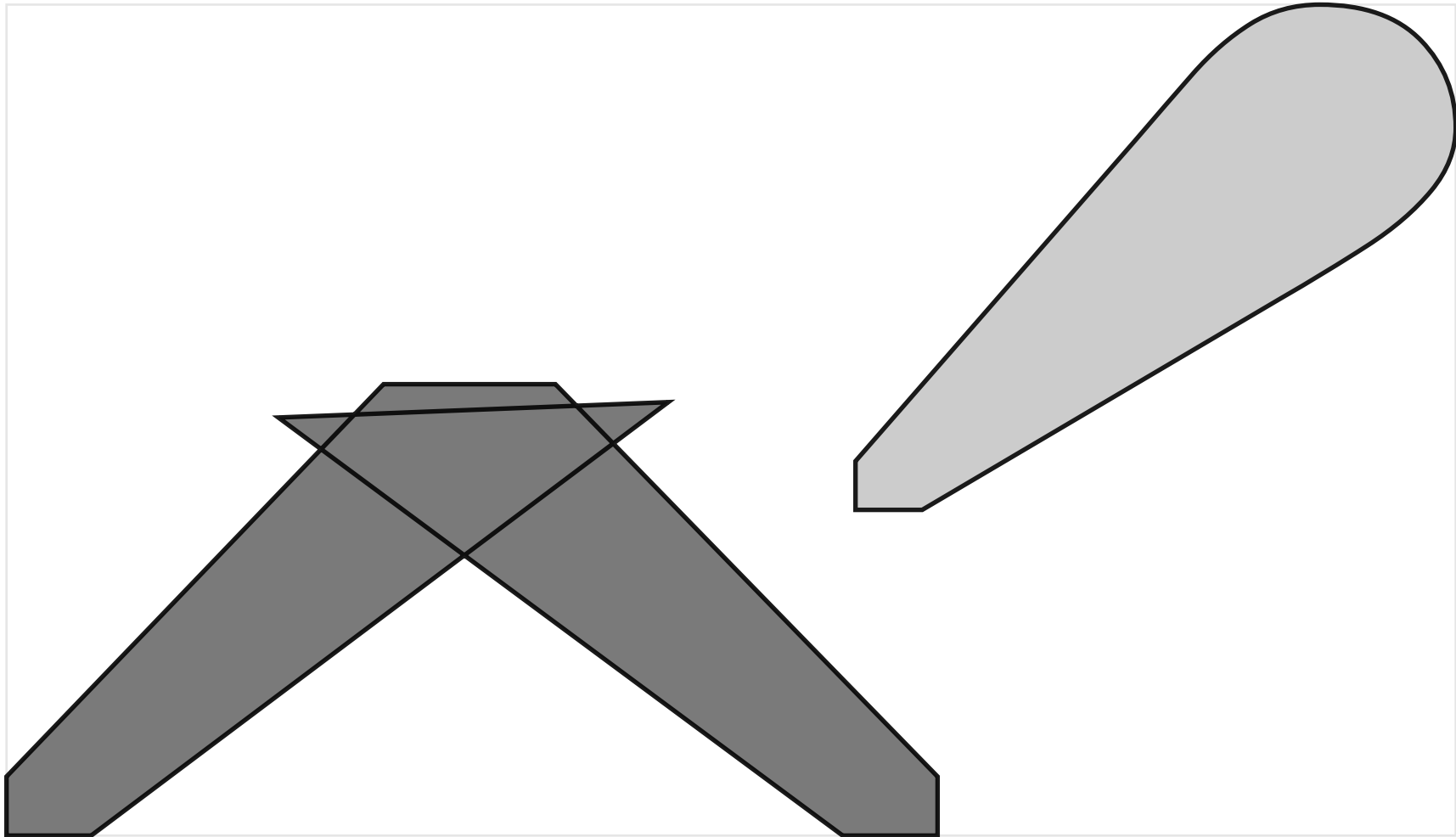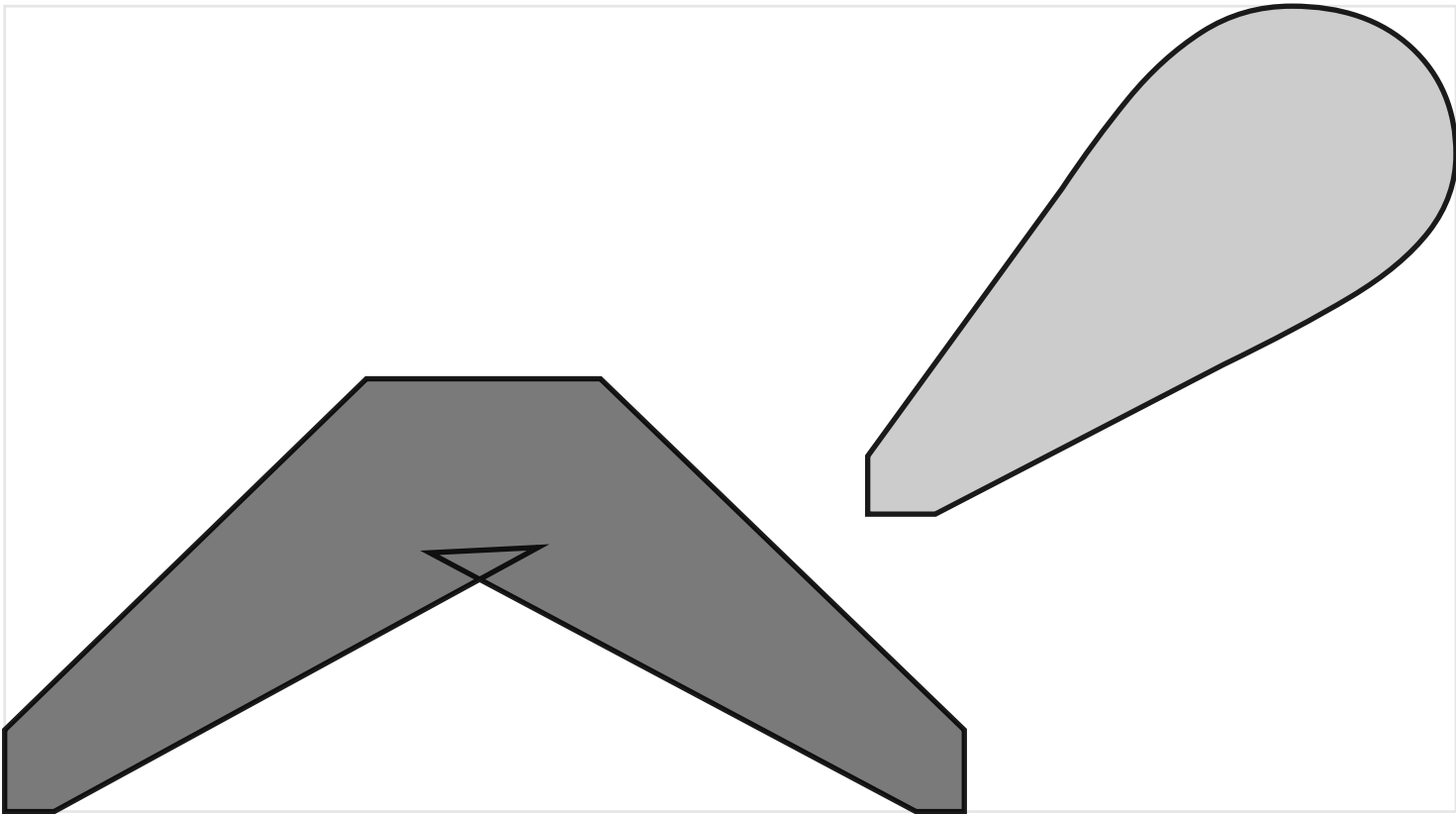'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

\\_('')_/

## underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation





'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'
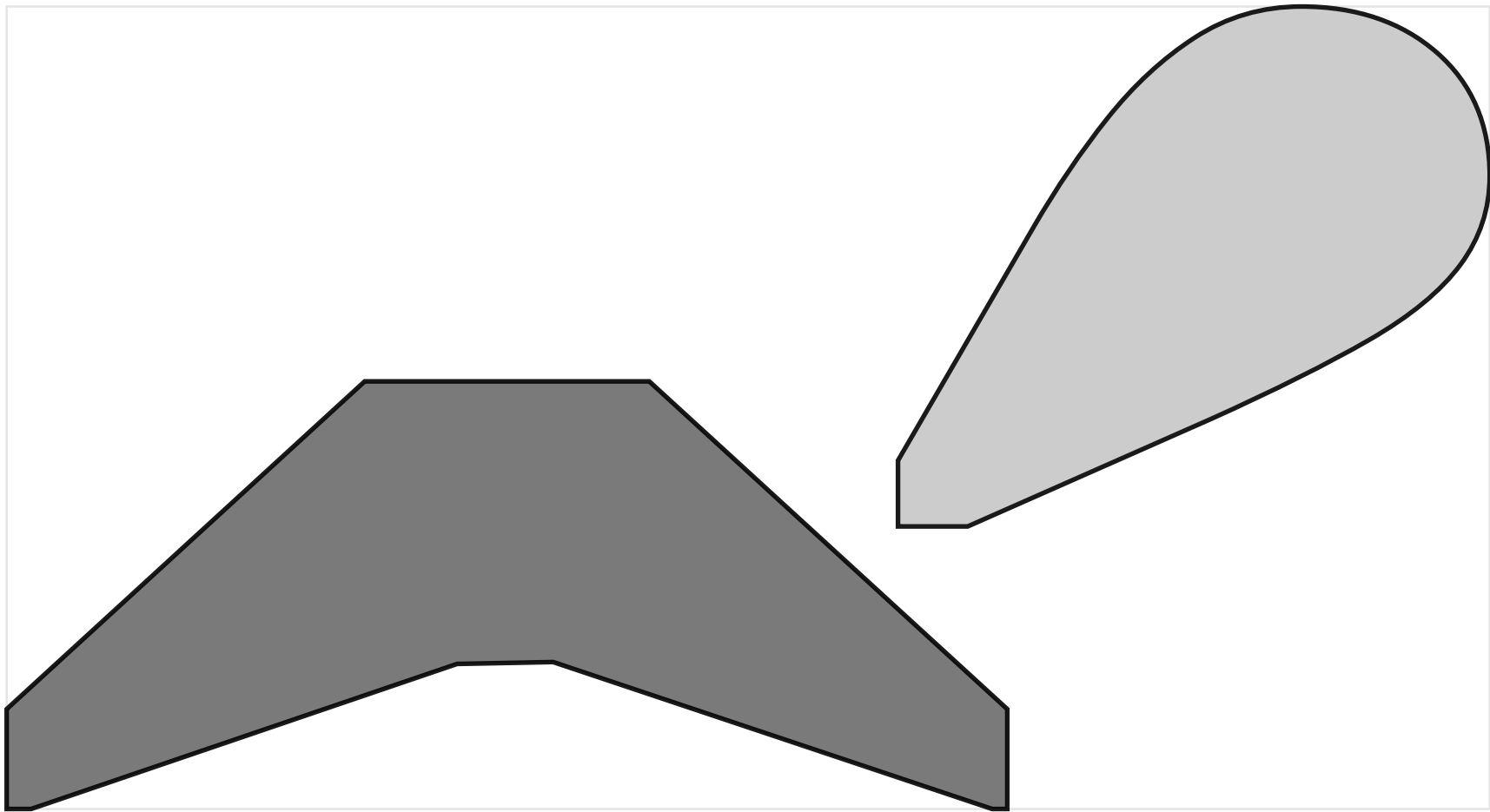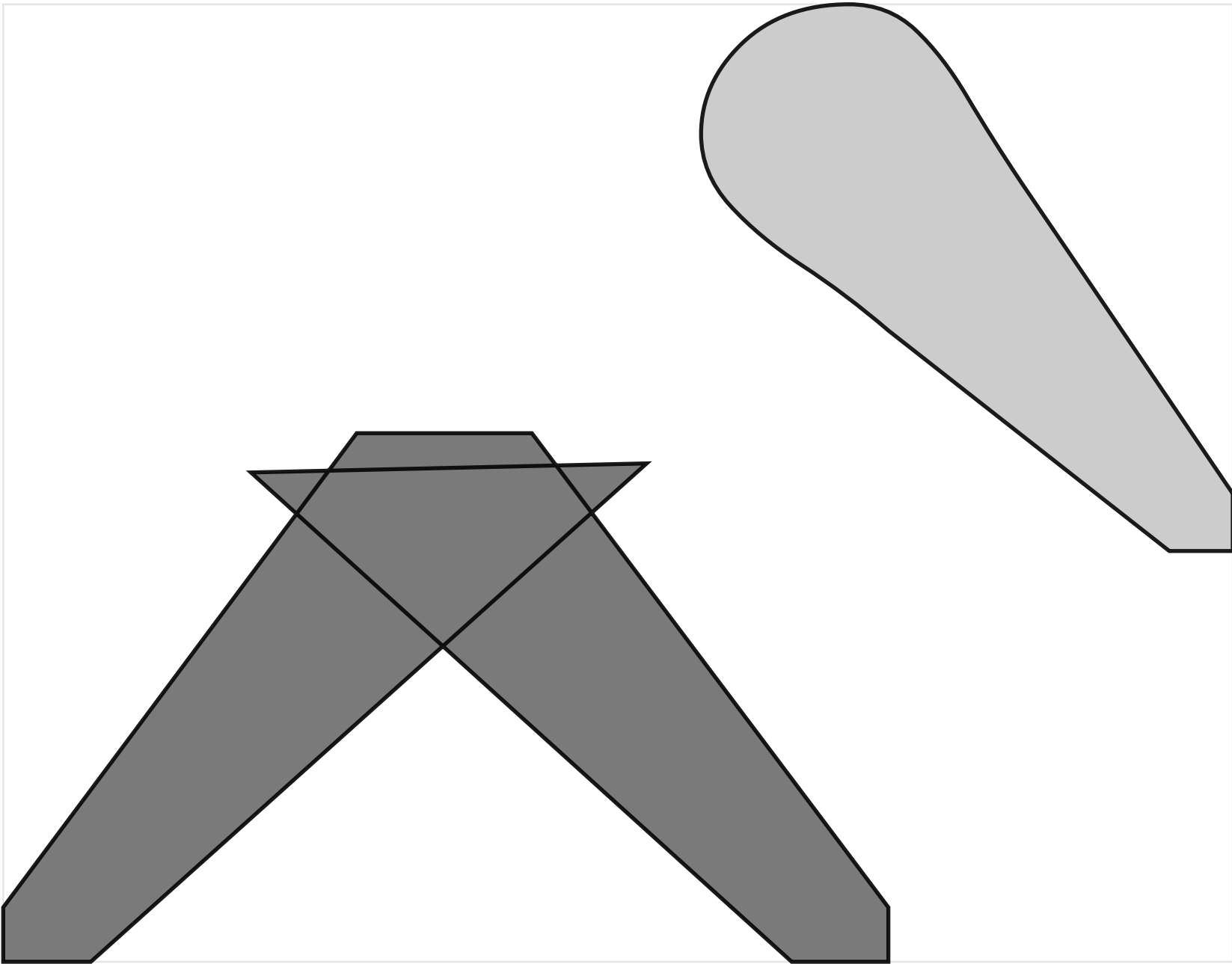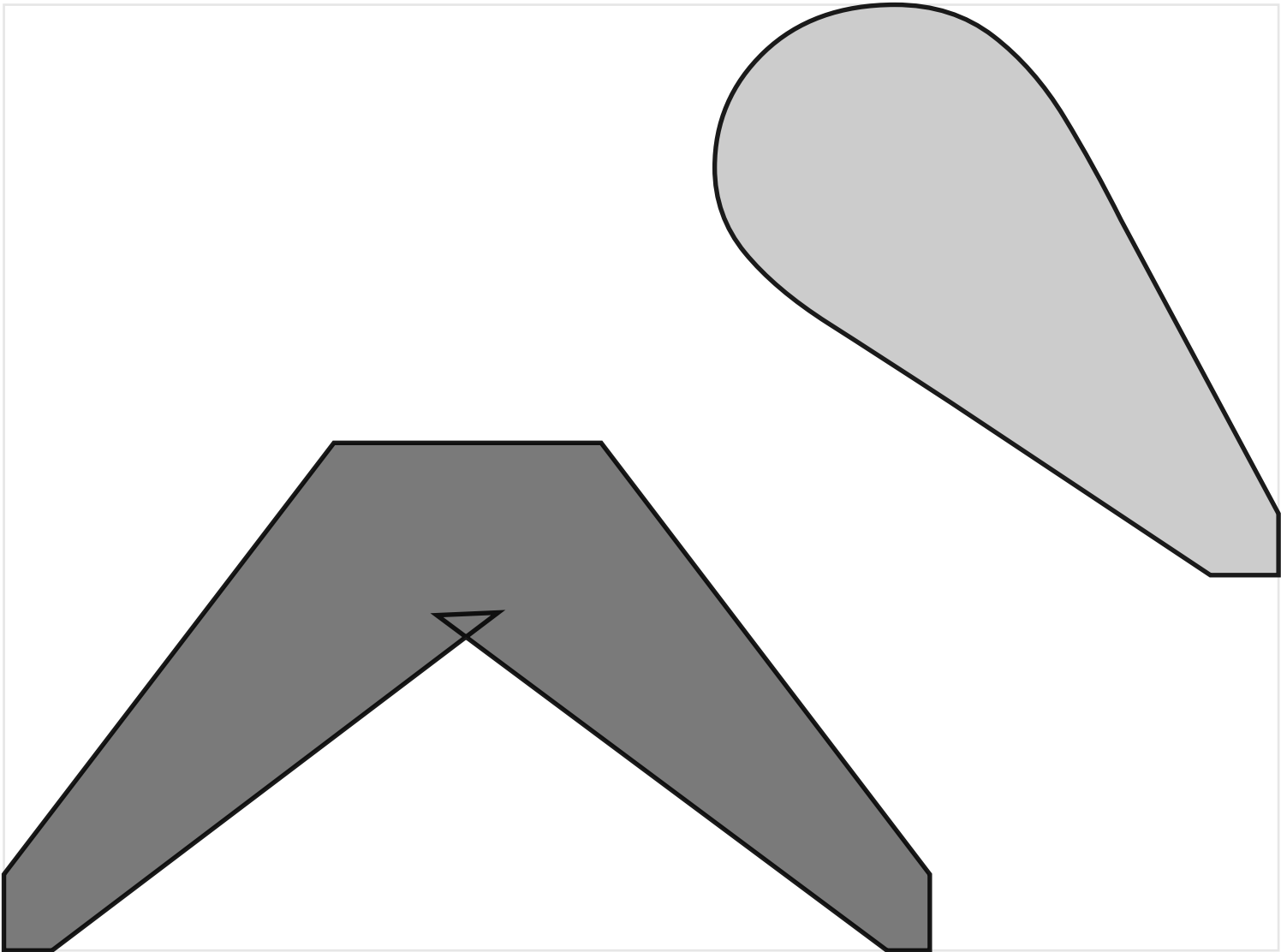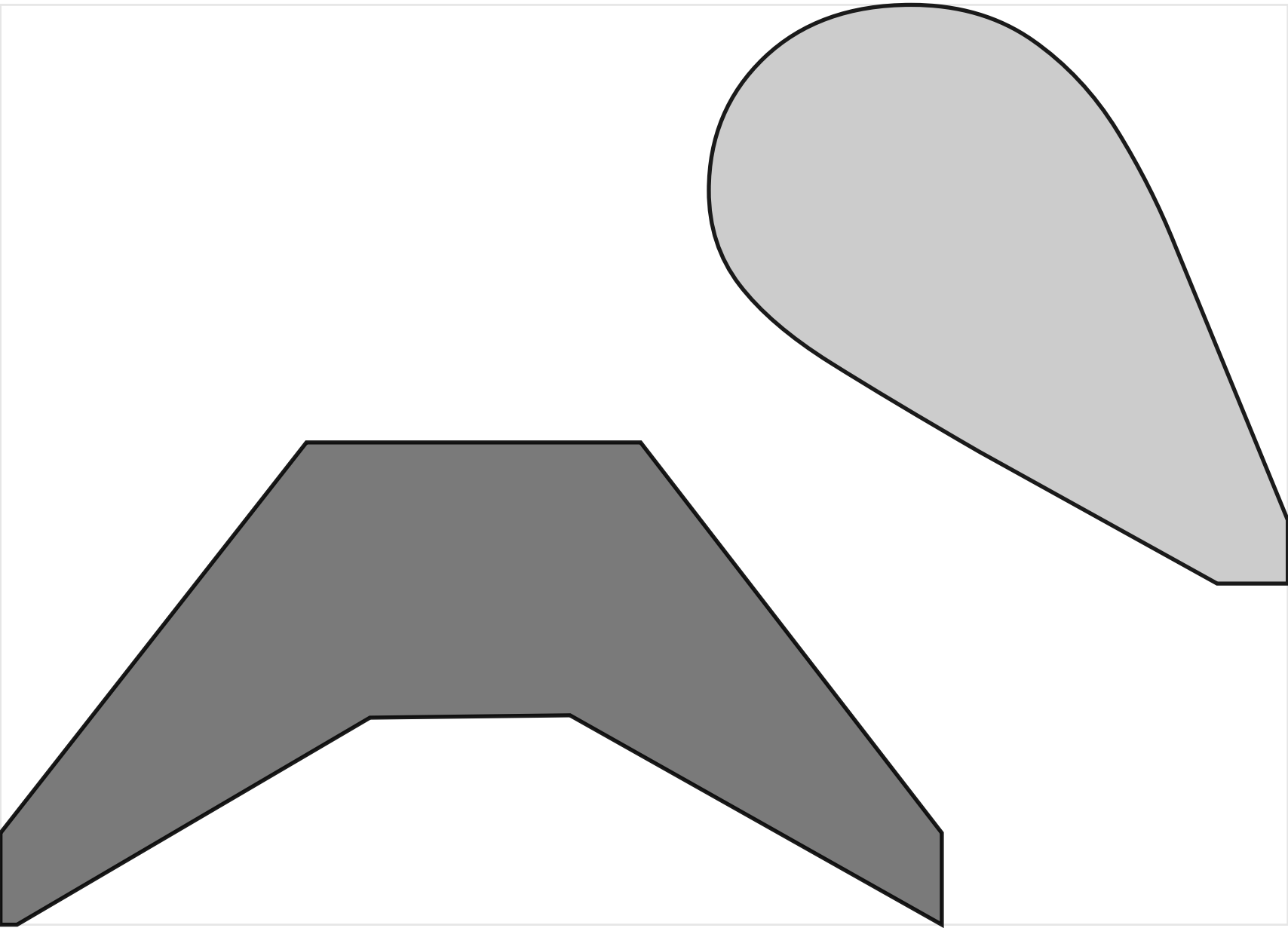


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# Glyph name: circumflex.uc

**underweight**

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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# Glyph name: circumflex_acute.uc

## underweight

### 'GRAD=−50.0 opsz=8.0 wdth=50.0'
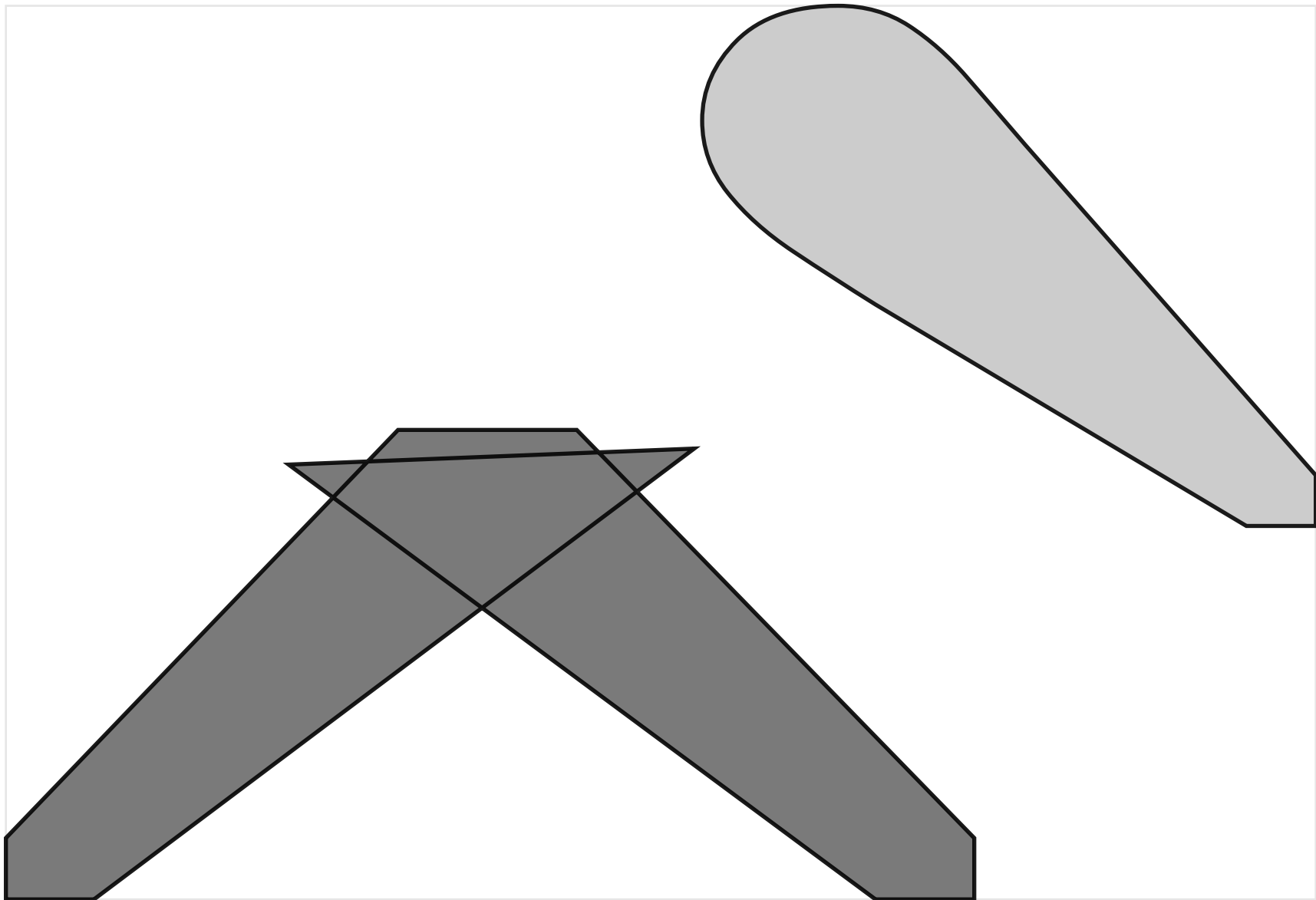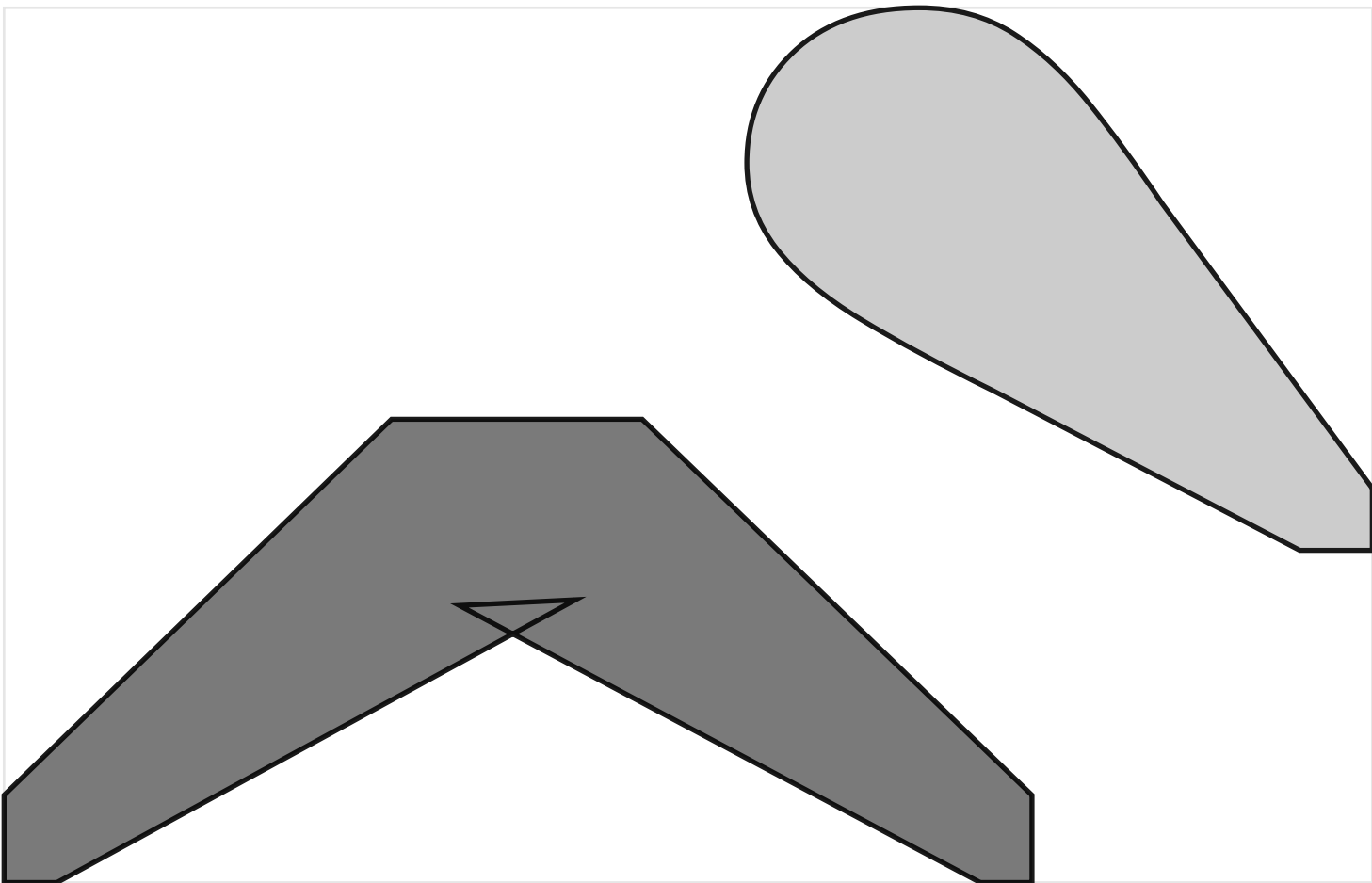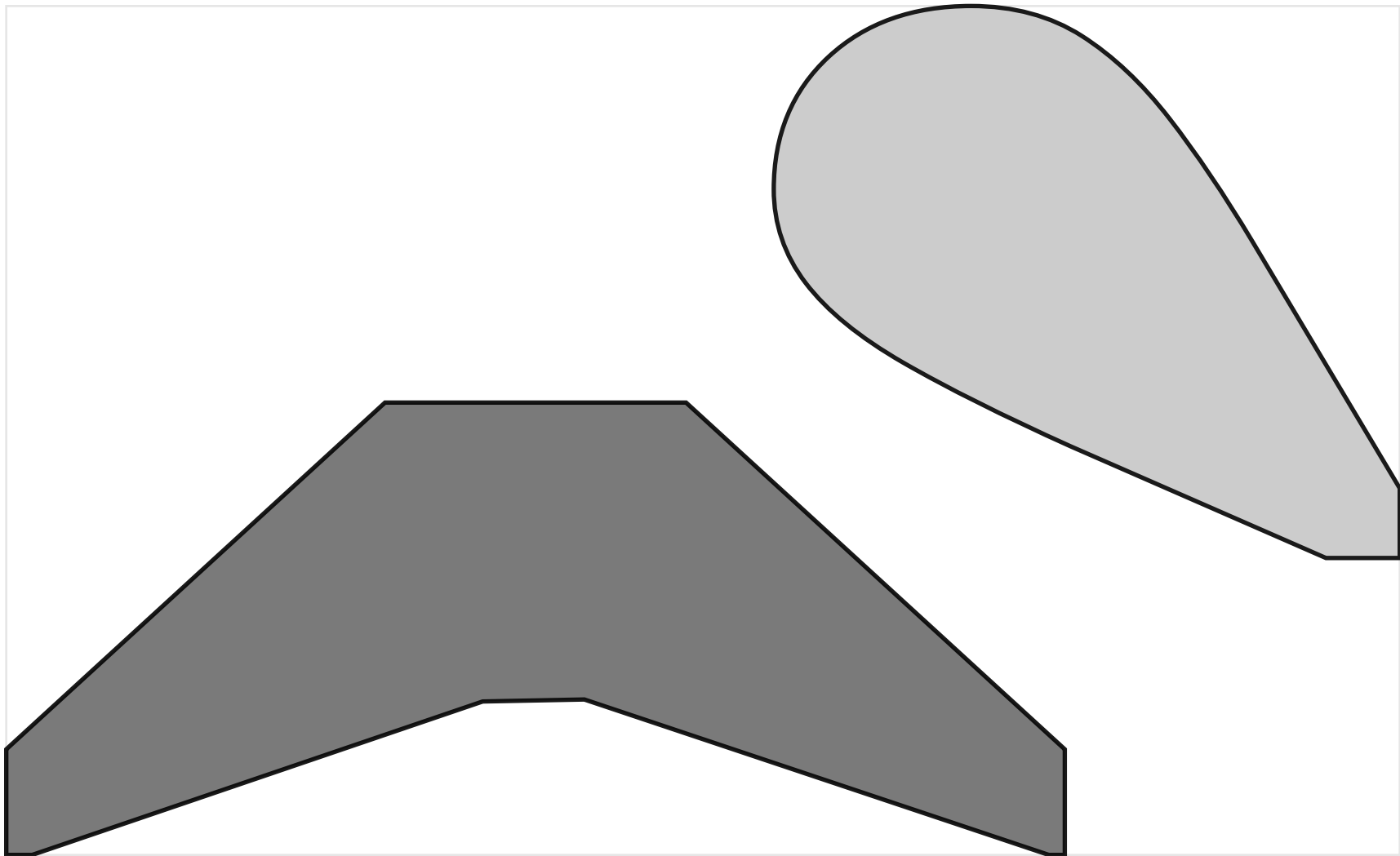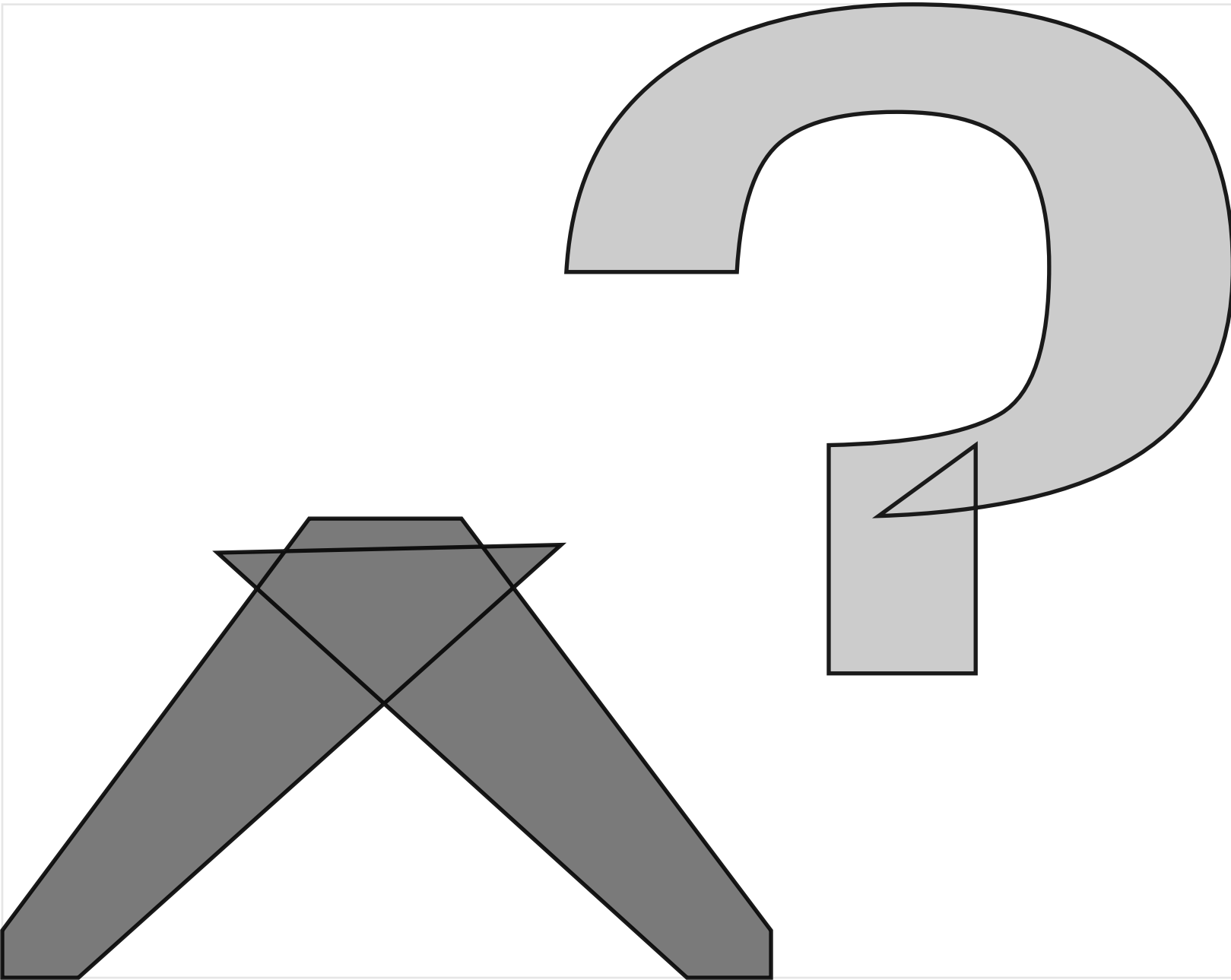
### midway interpolation

### 'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'
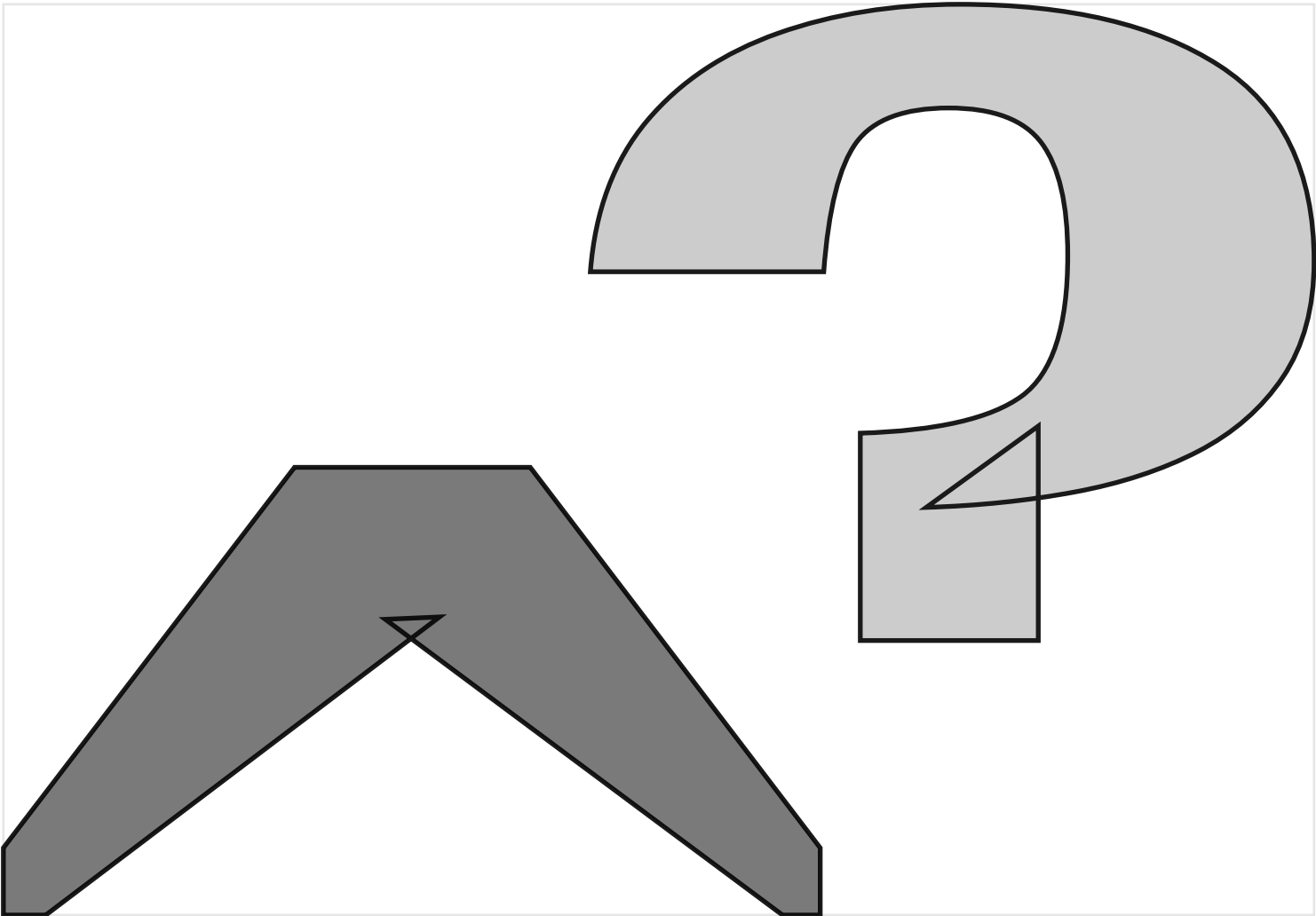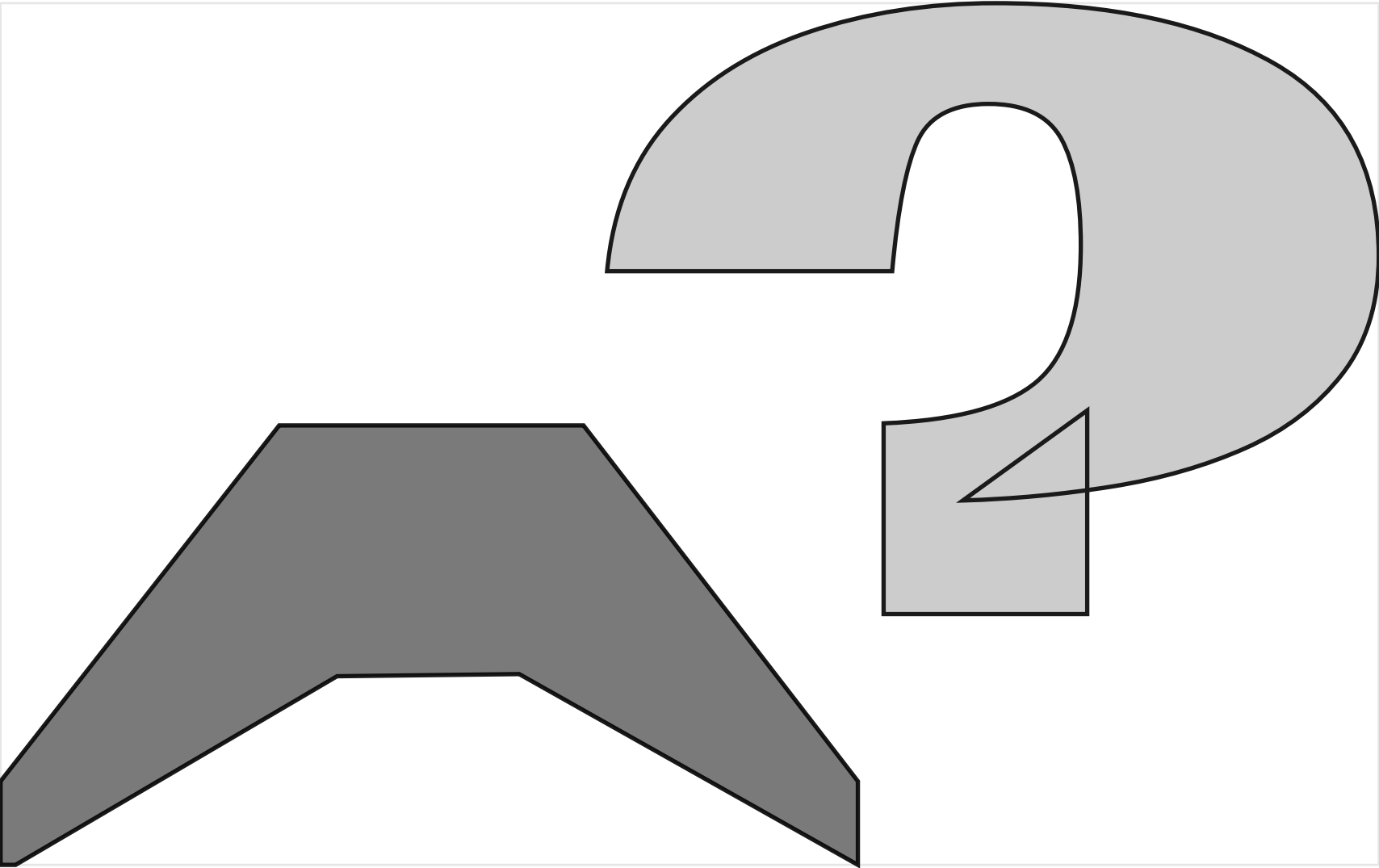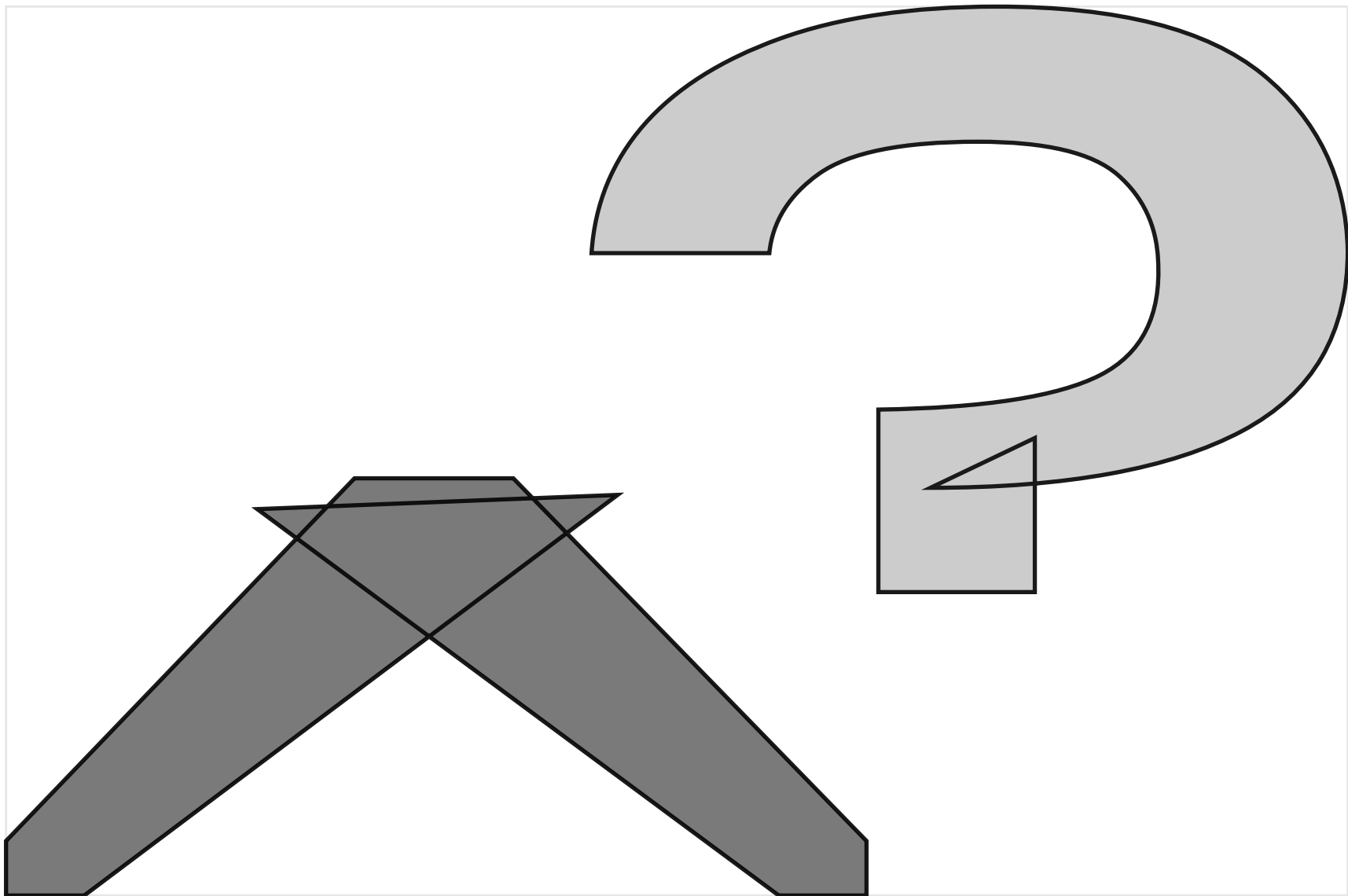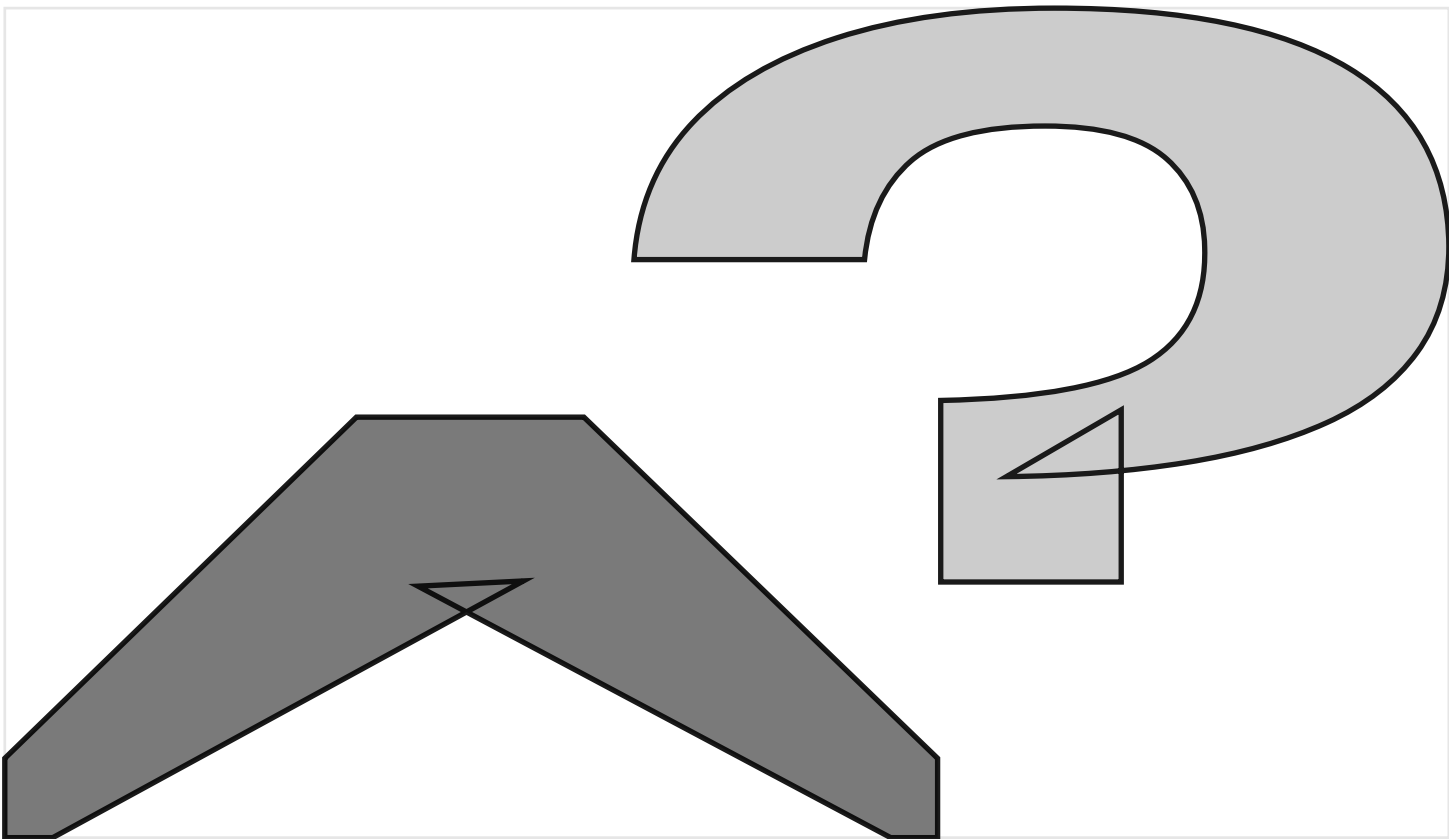
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**underweight**
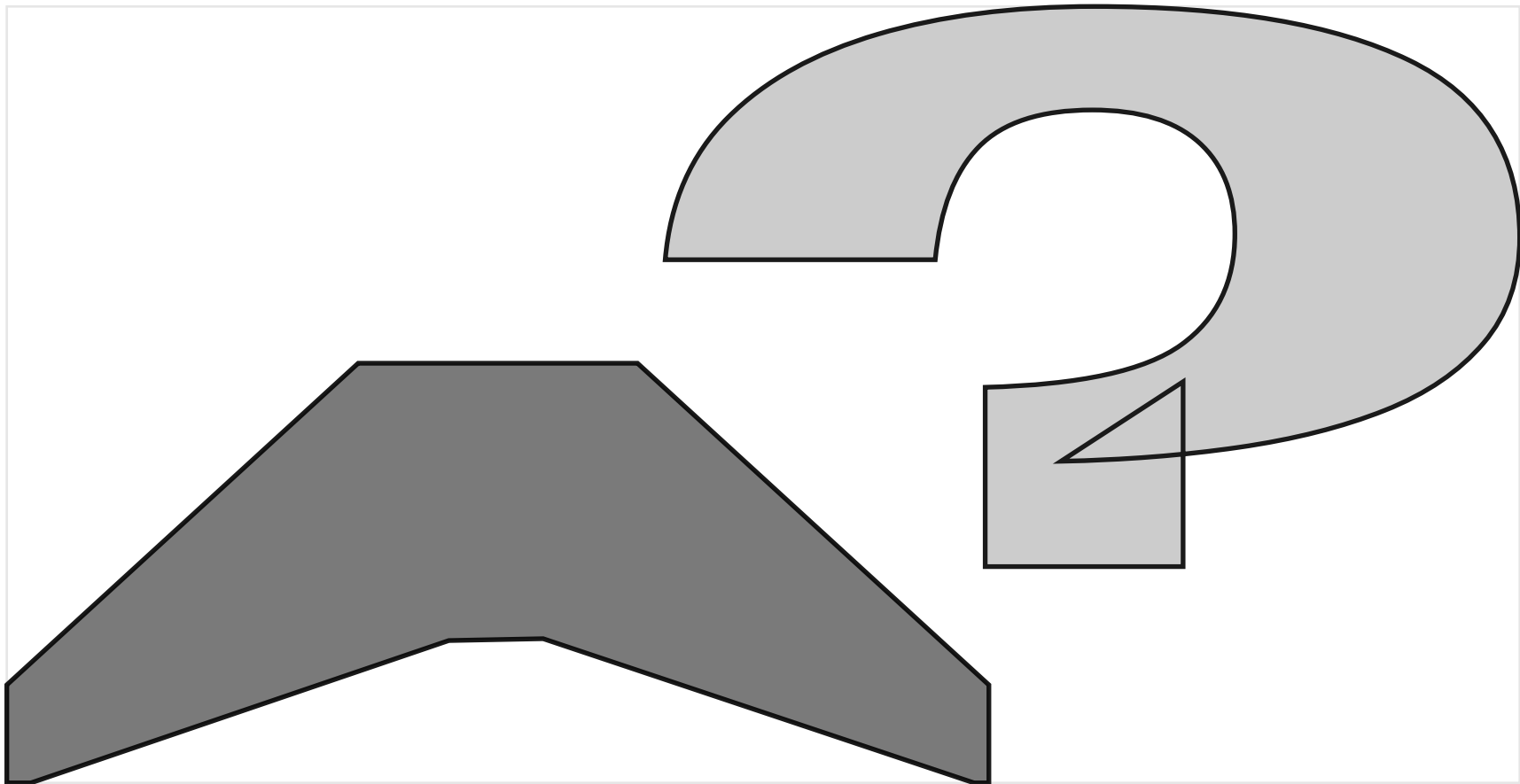
'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

\\_(ʼʼ)_/

# Glyph name: circumflex_grave.uc

## underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

midway interpolation

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# Glyph name: circumflex_grave.uc

## underweight

### 'GRAD=−50.0 opsz=8.0 wdth=150.0'

### midway interpolation

### 'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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## underweight

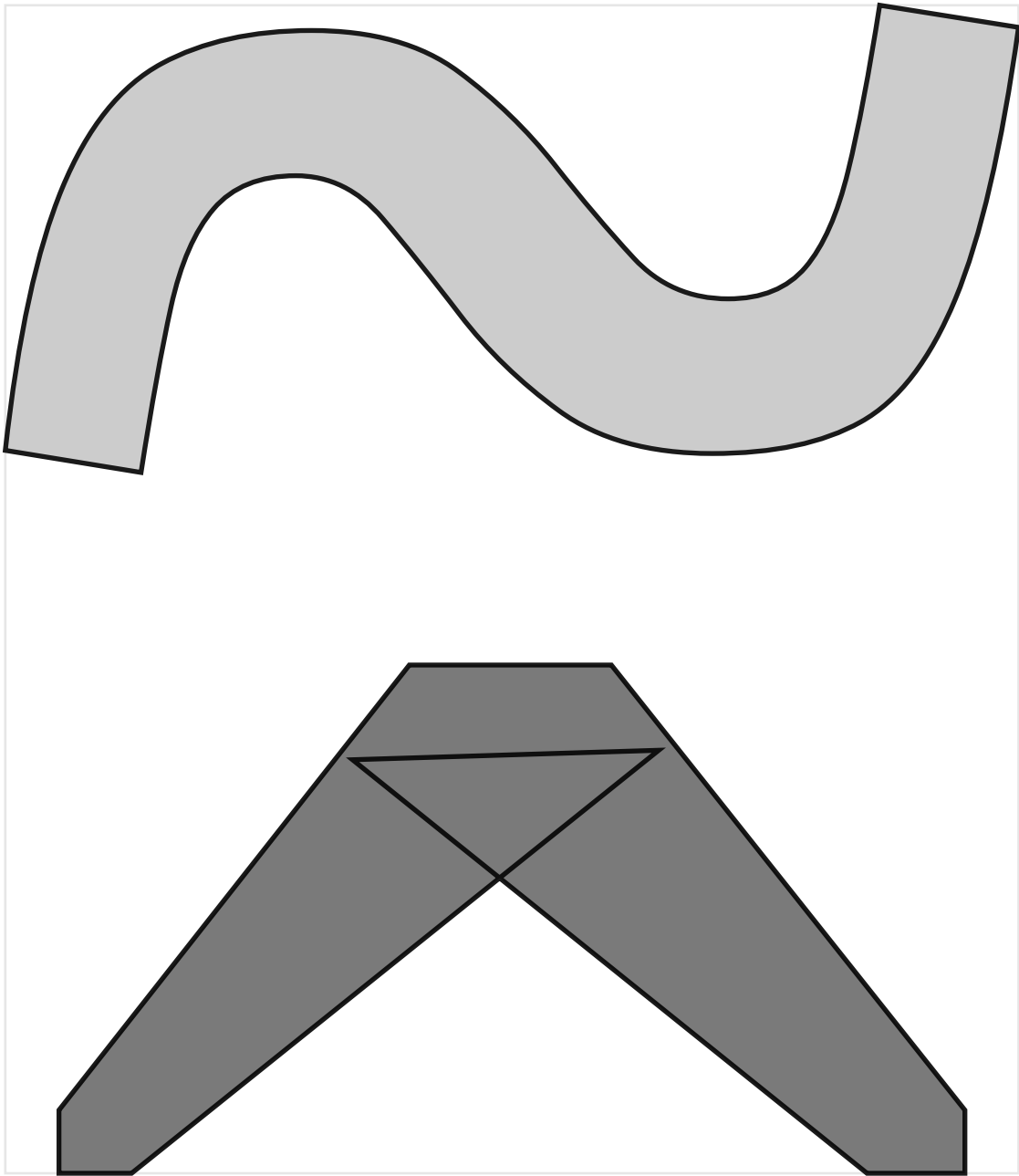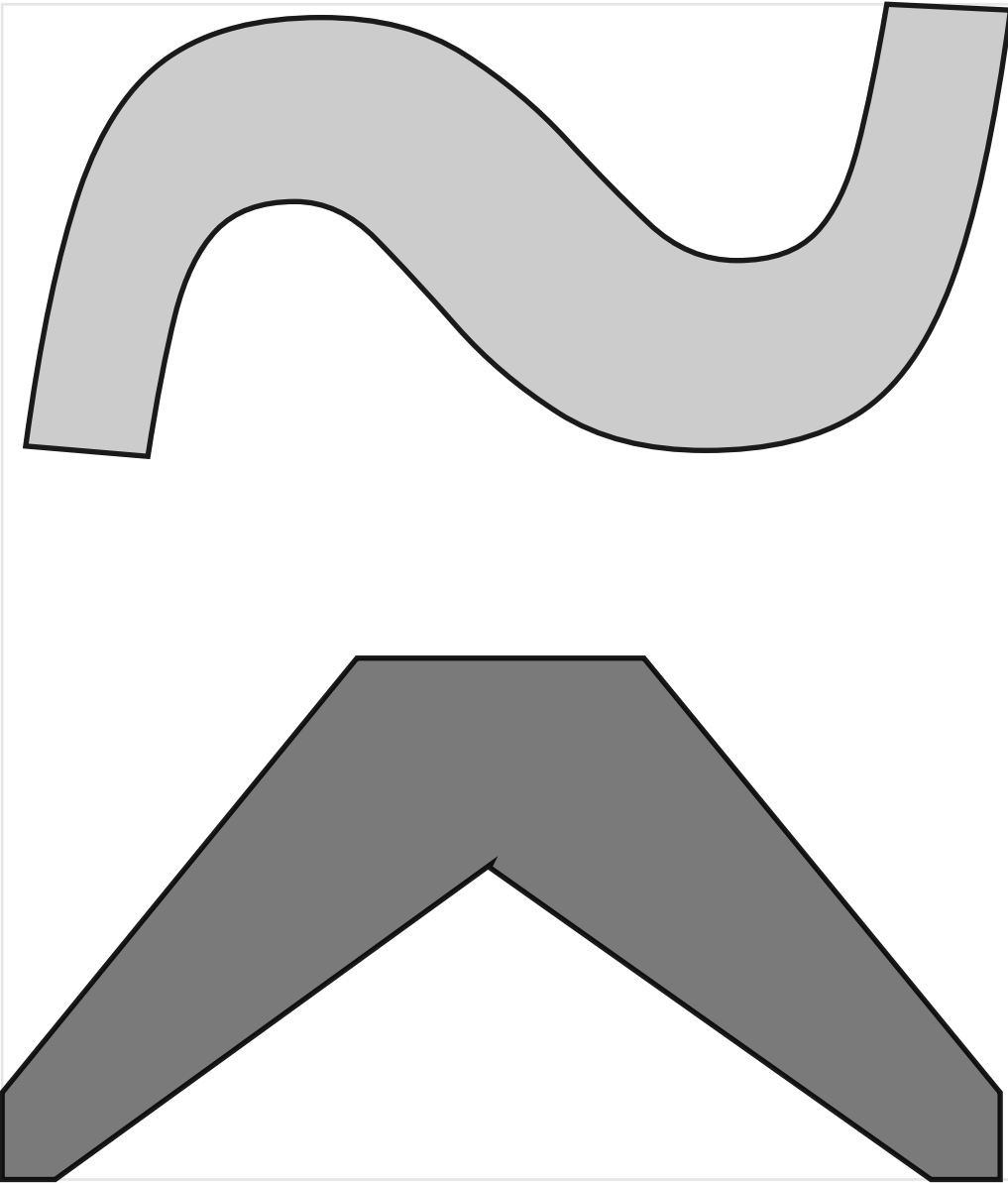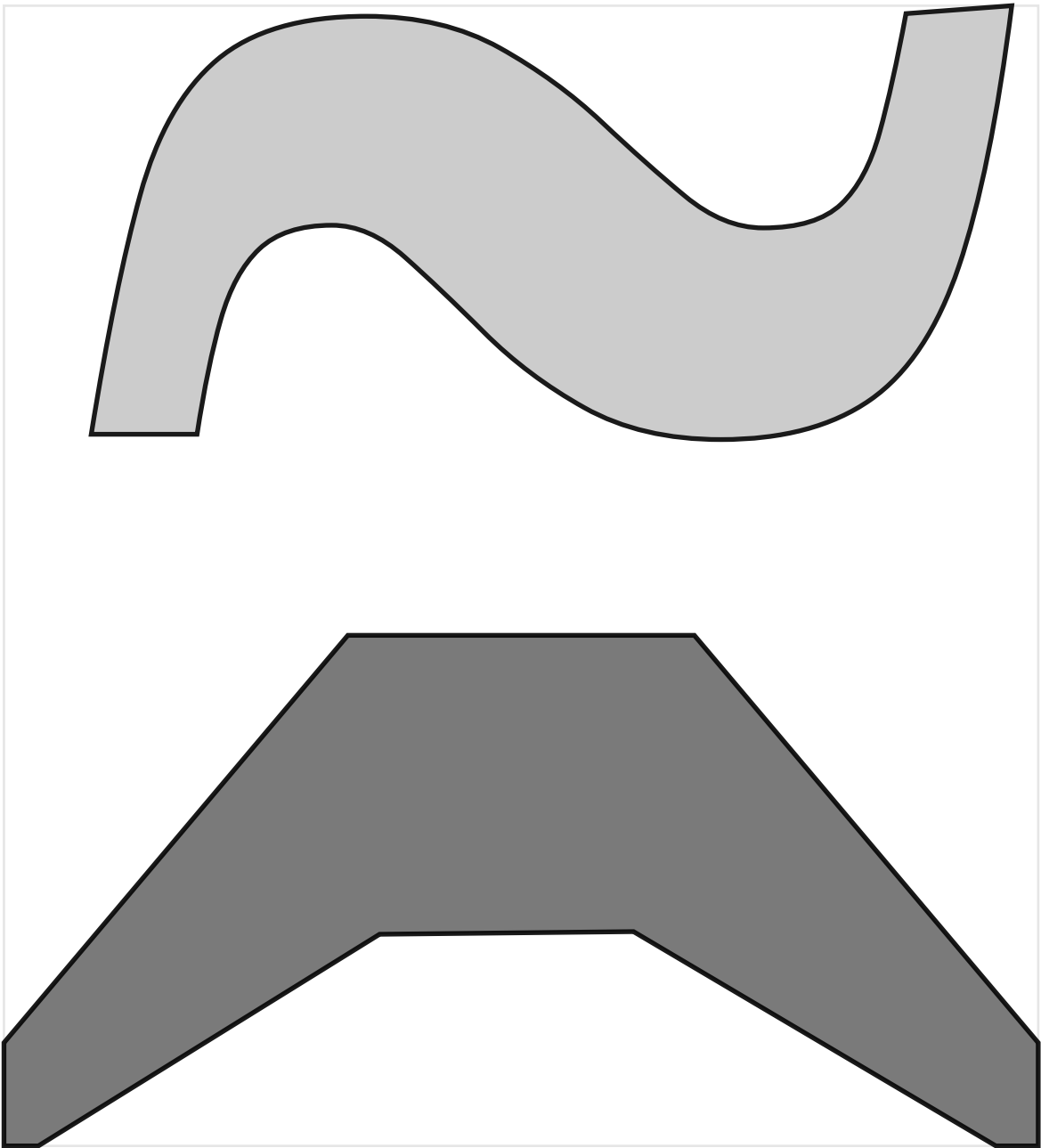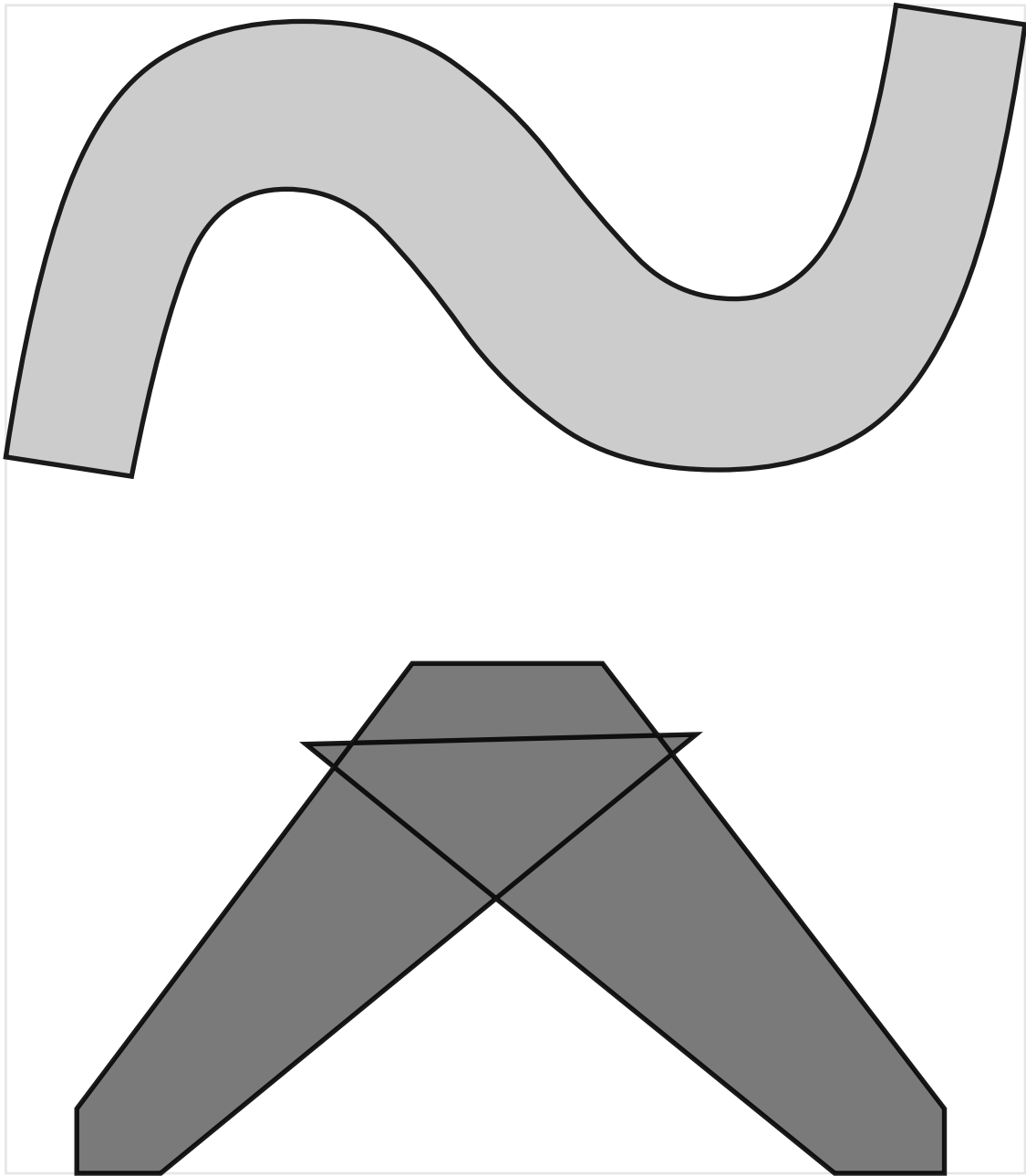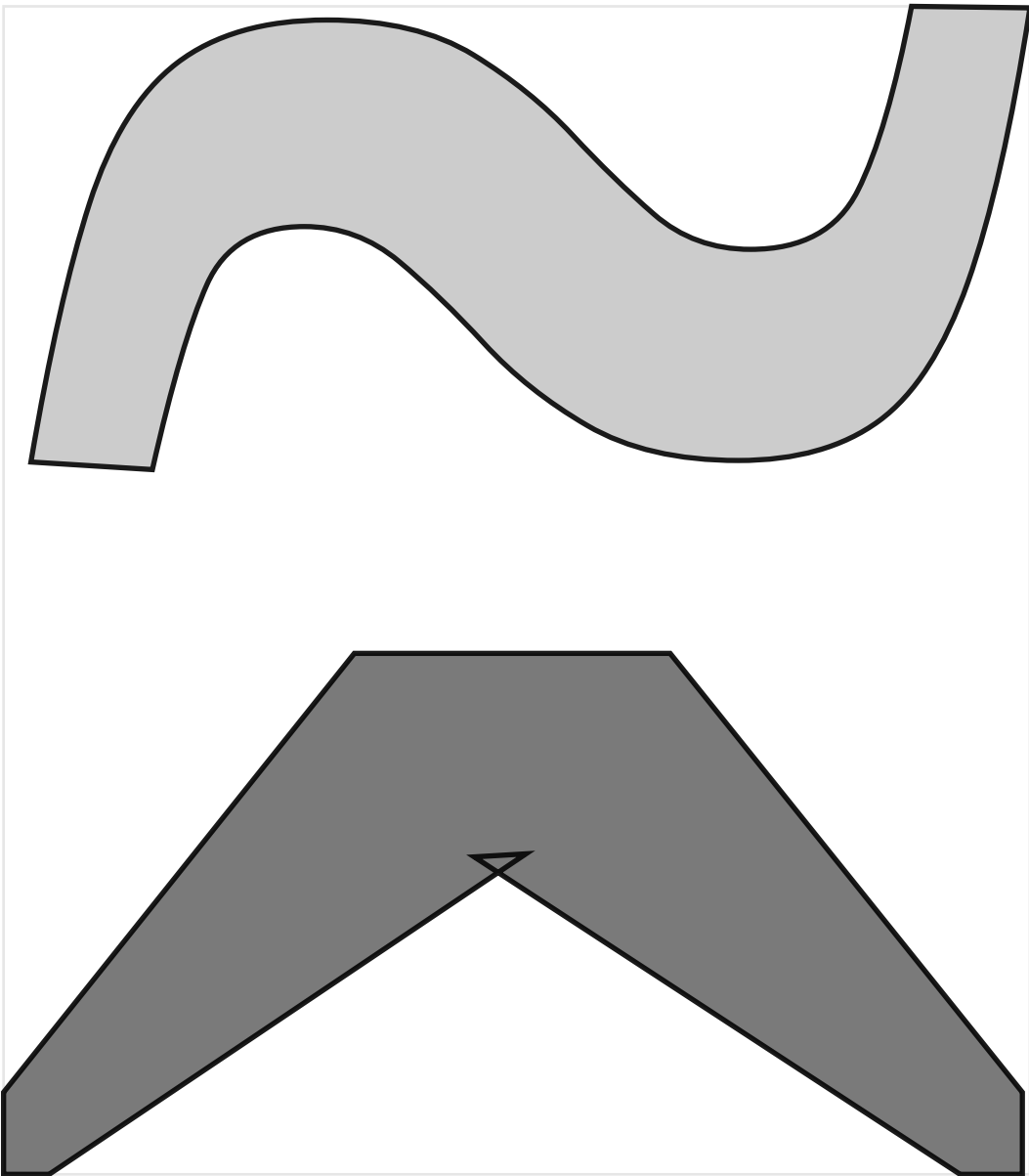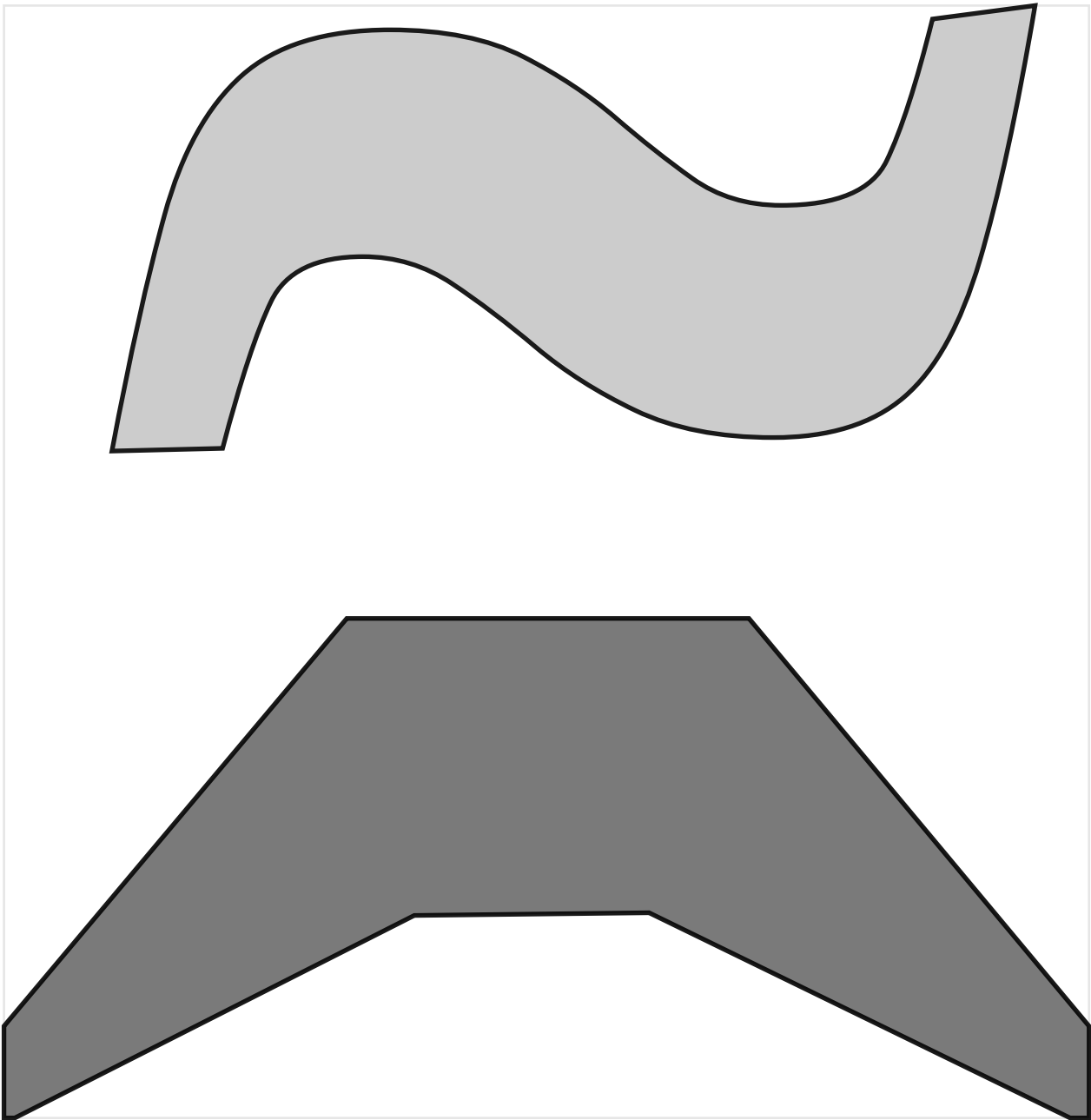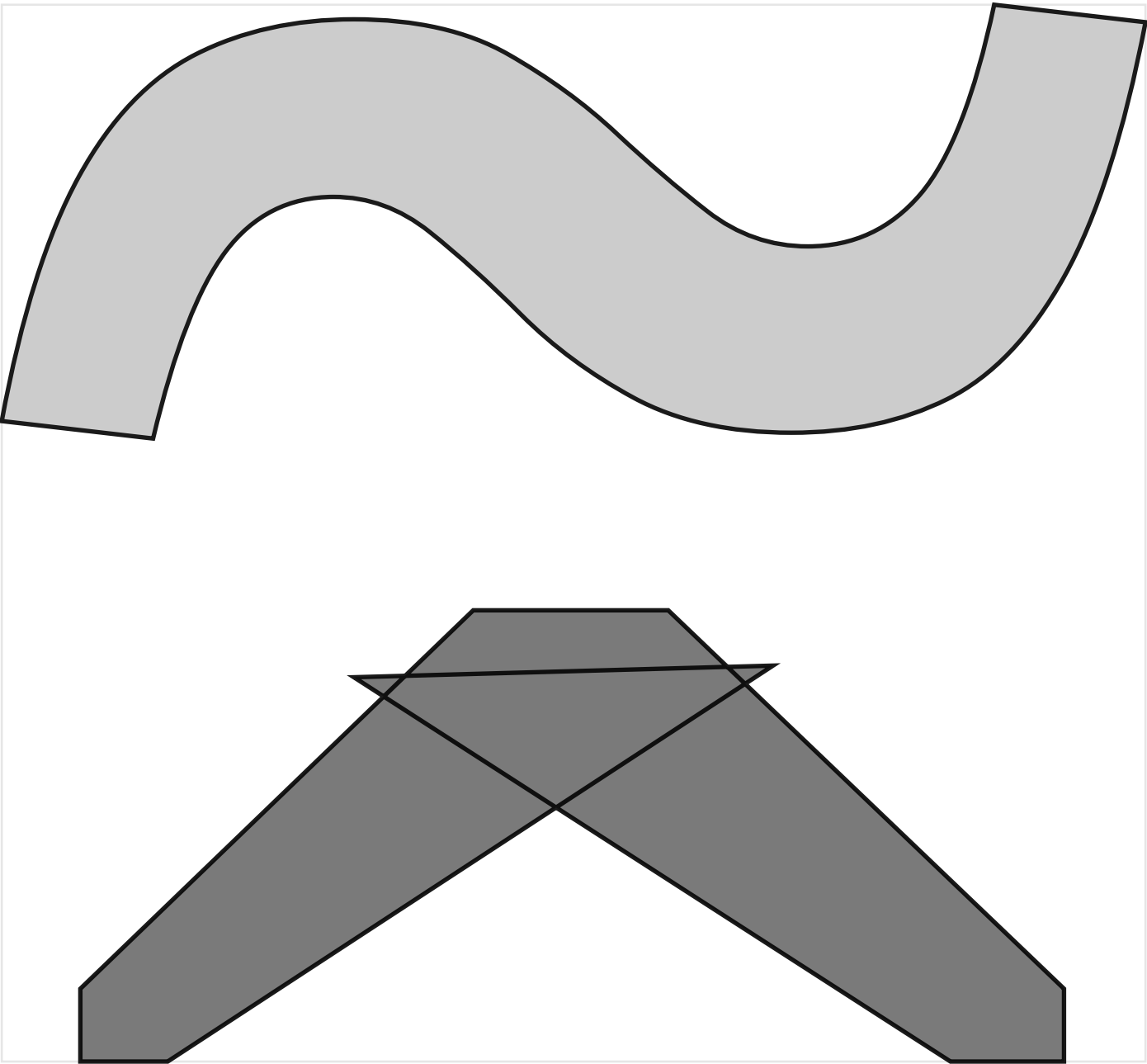'GRAD=−50.0 opsz=8.0 wdth=50.0'                    midway interpolation
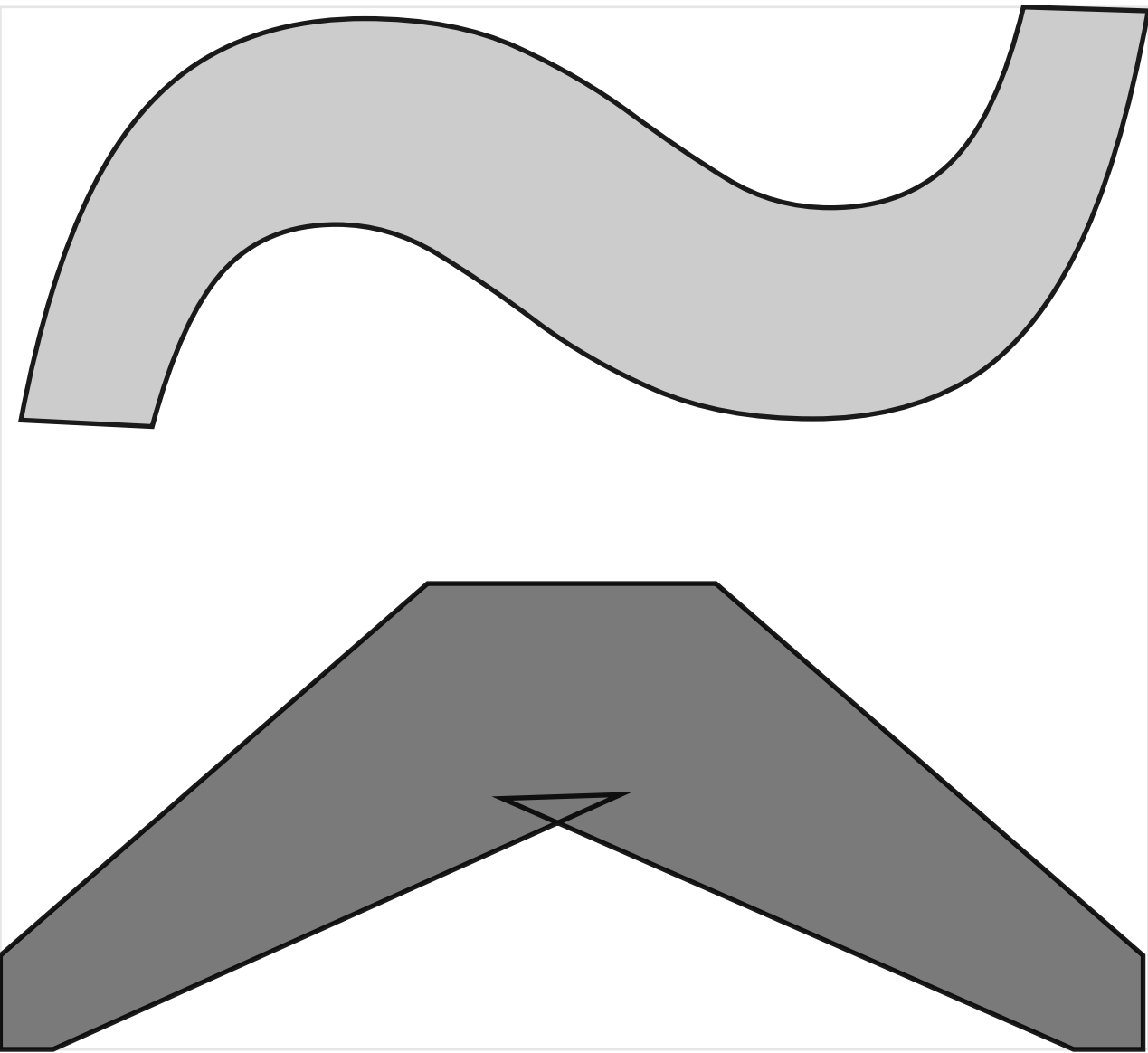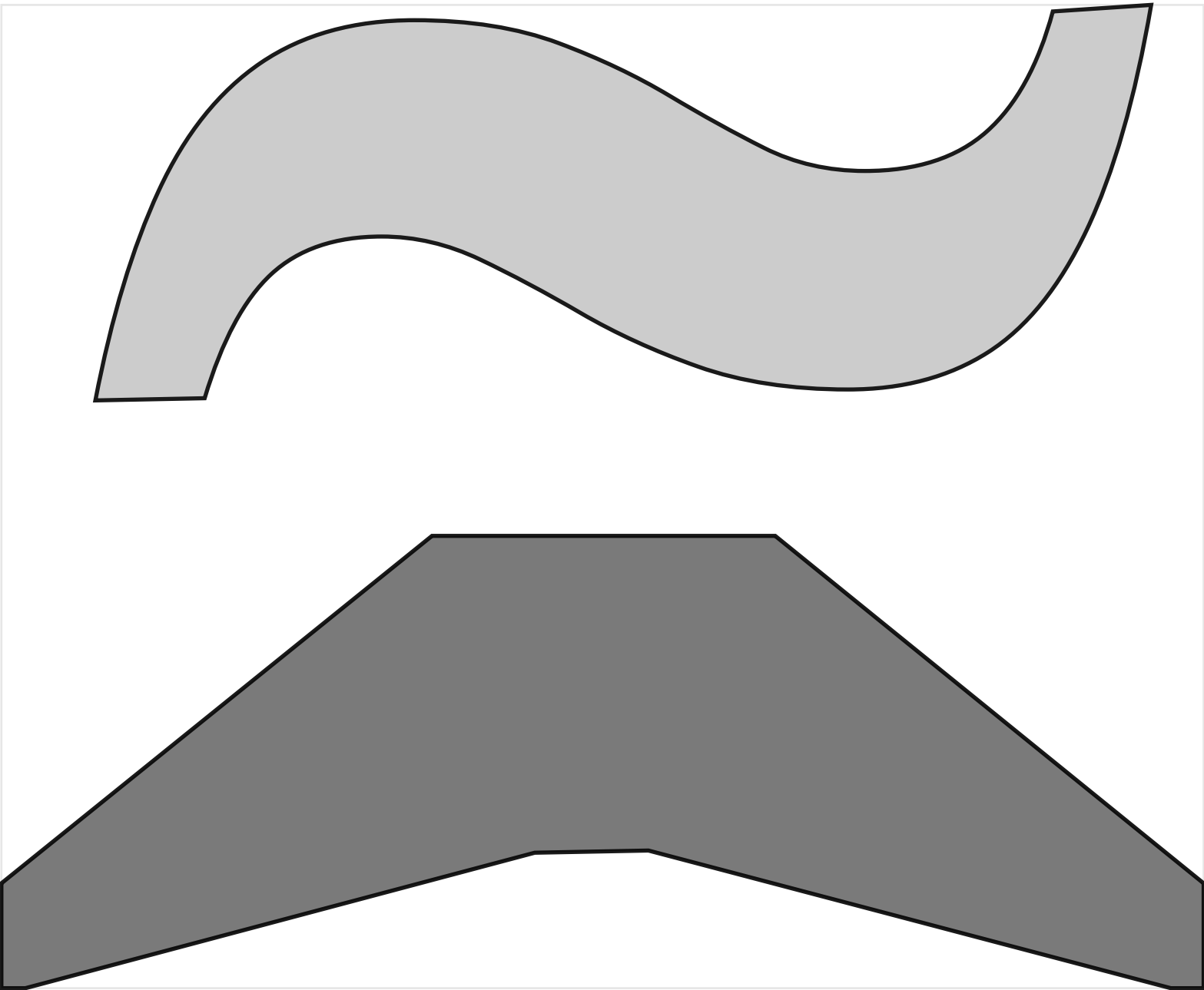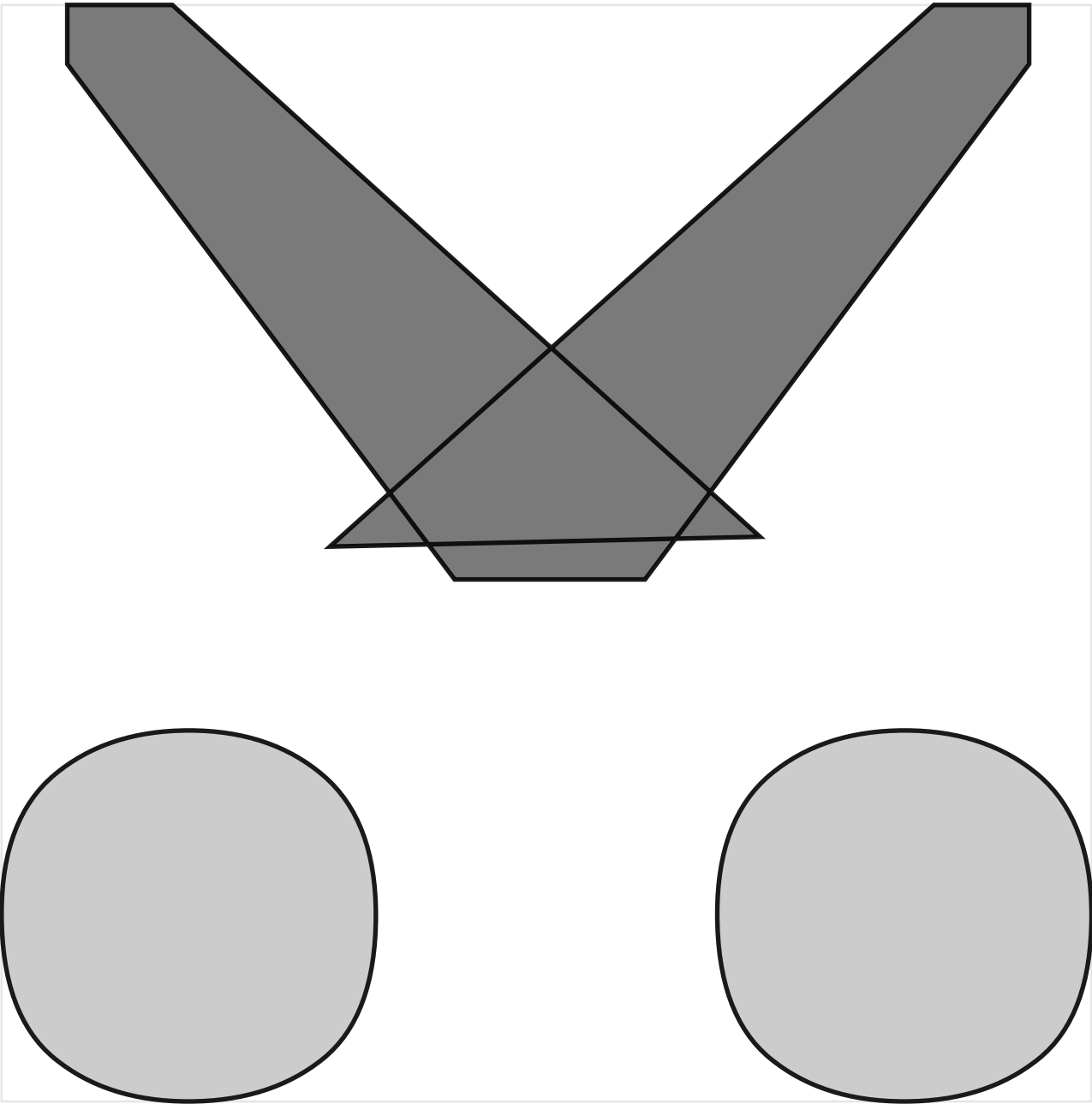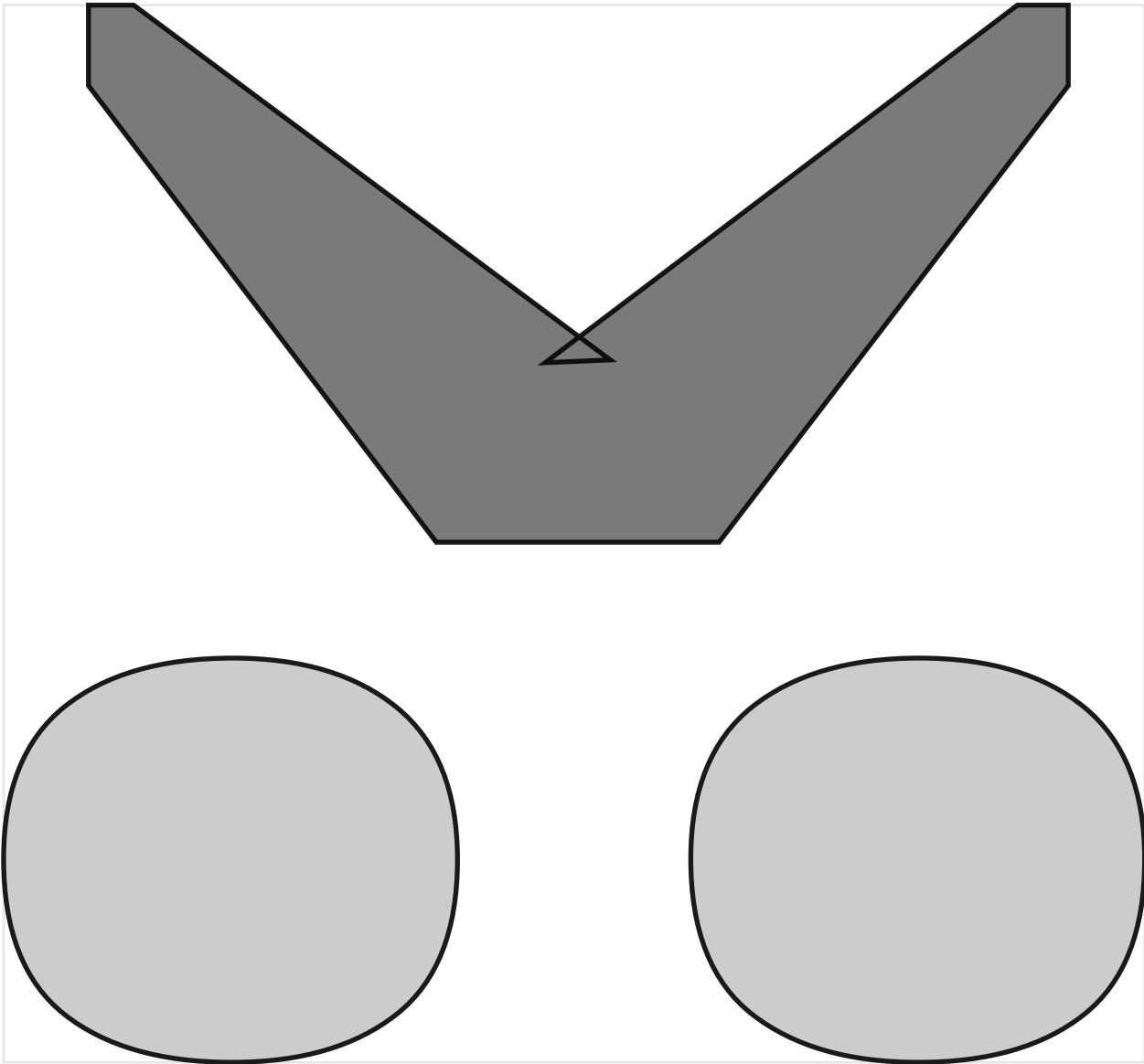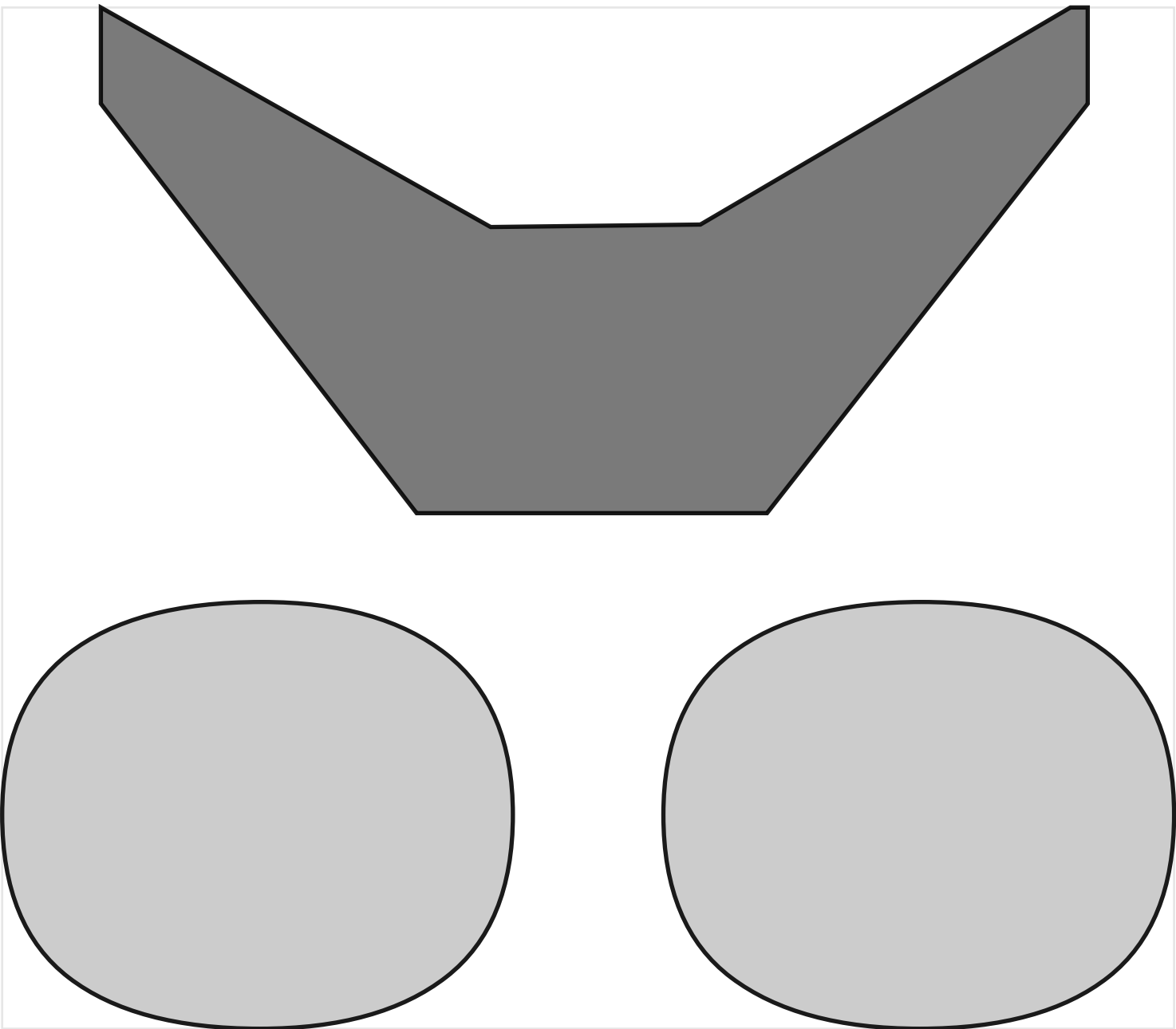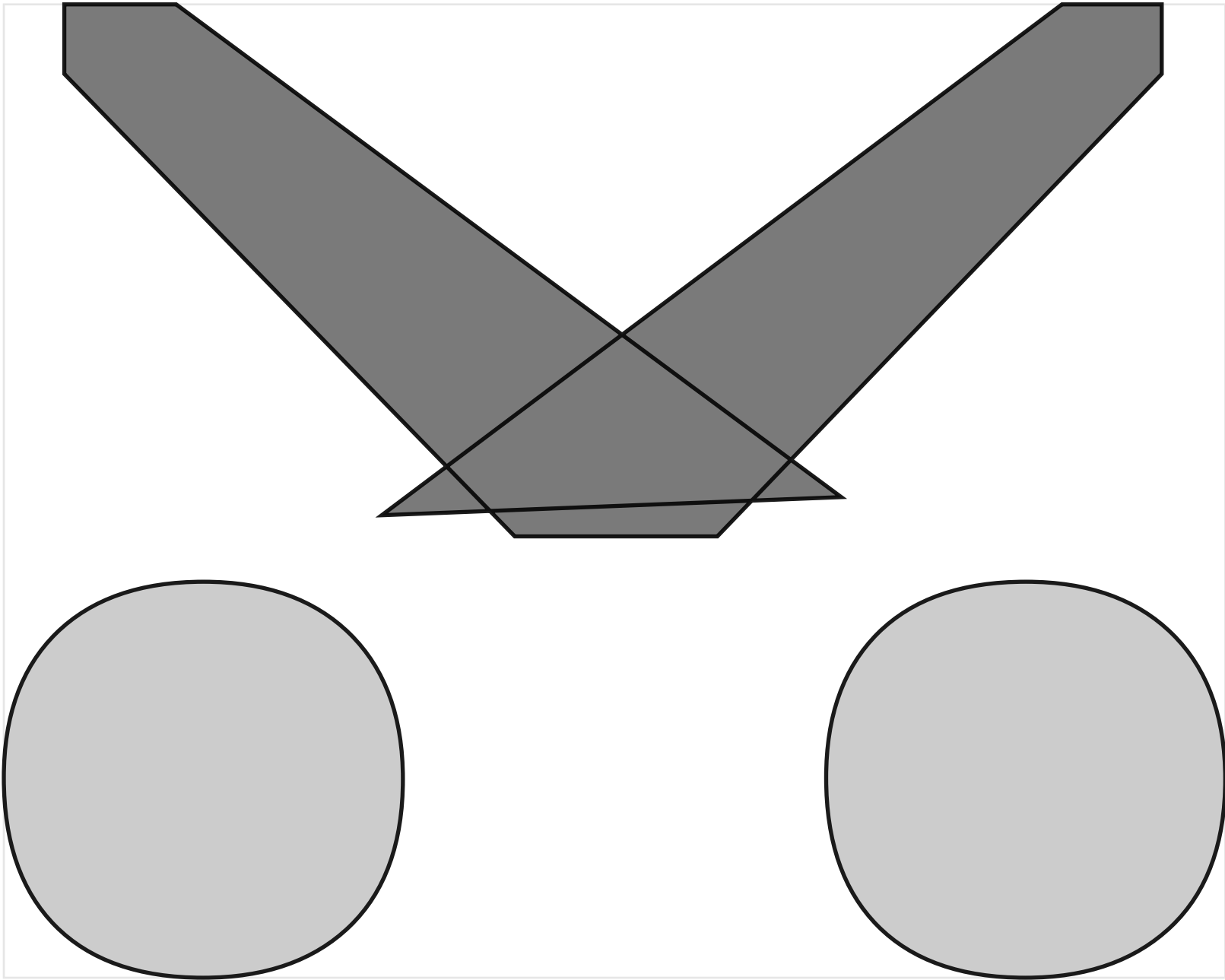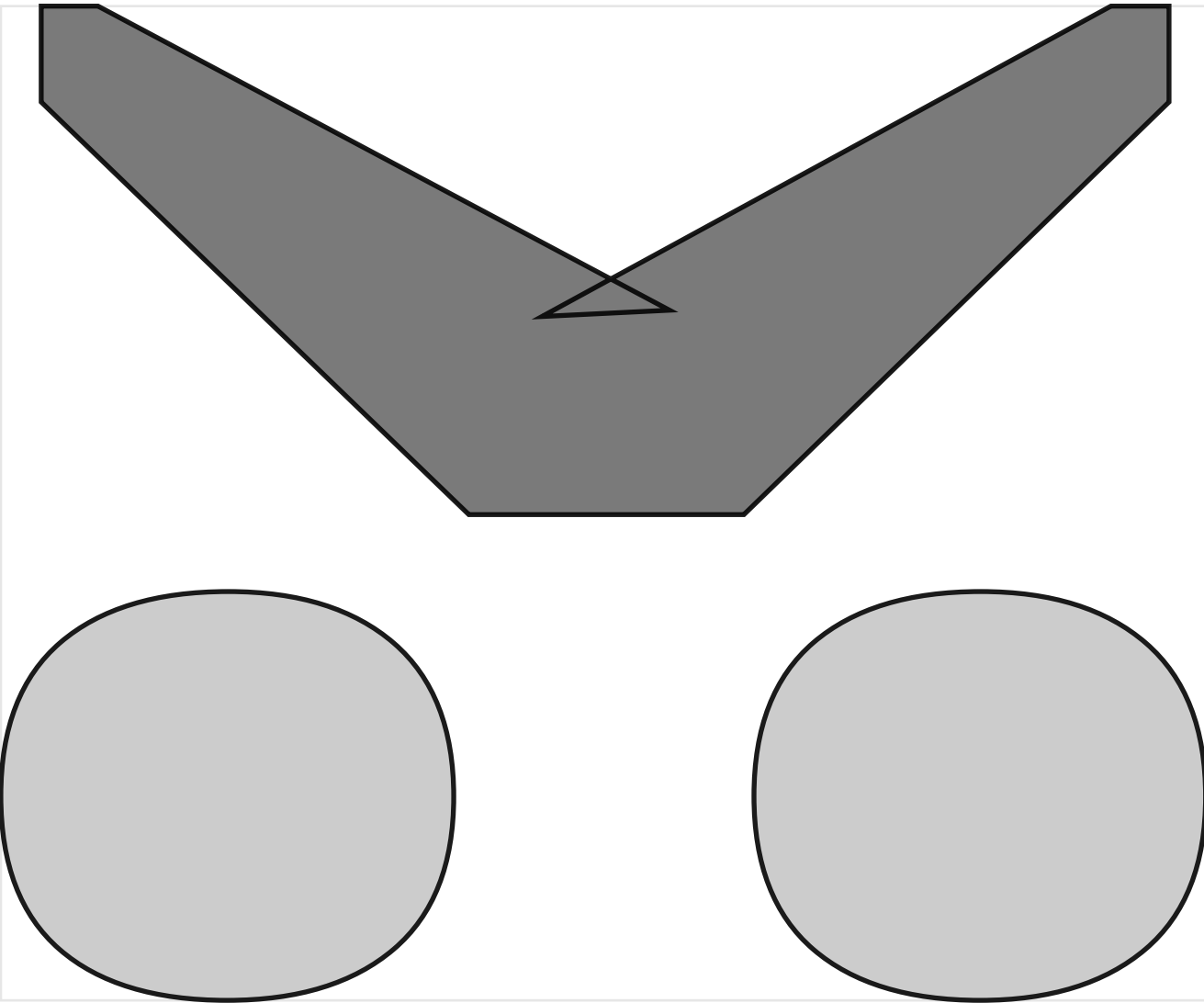
'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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# Glyph name: circumflex_tilde

## underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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underweight

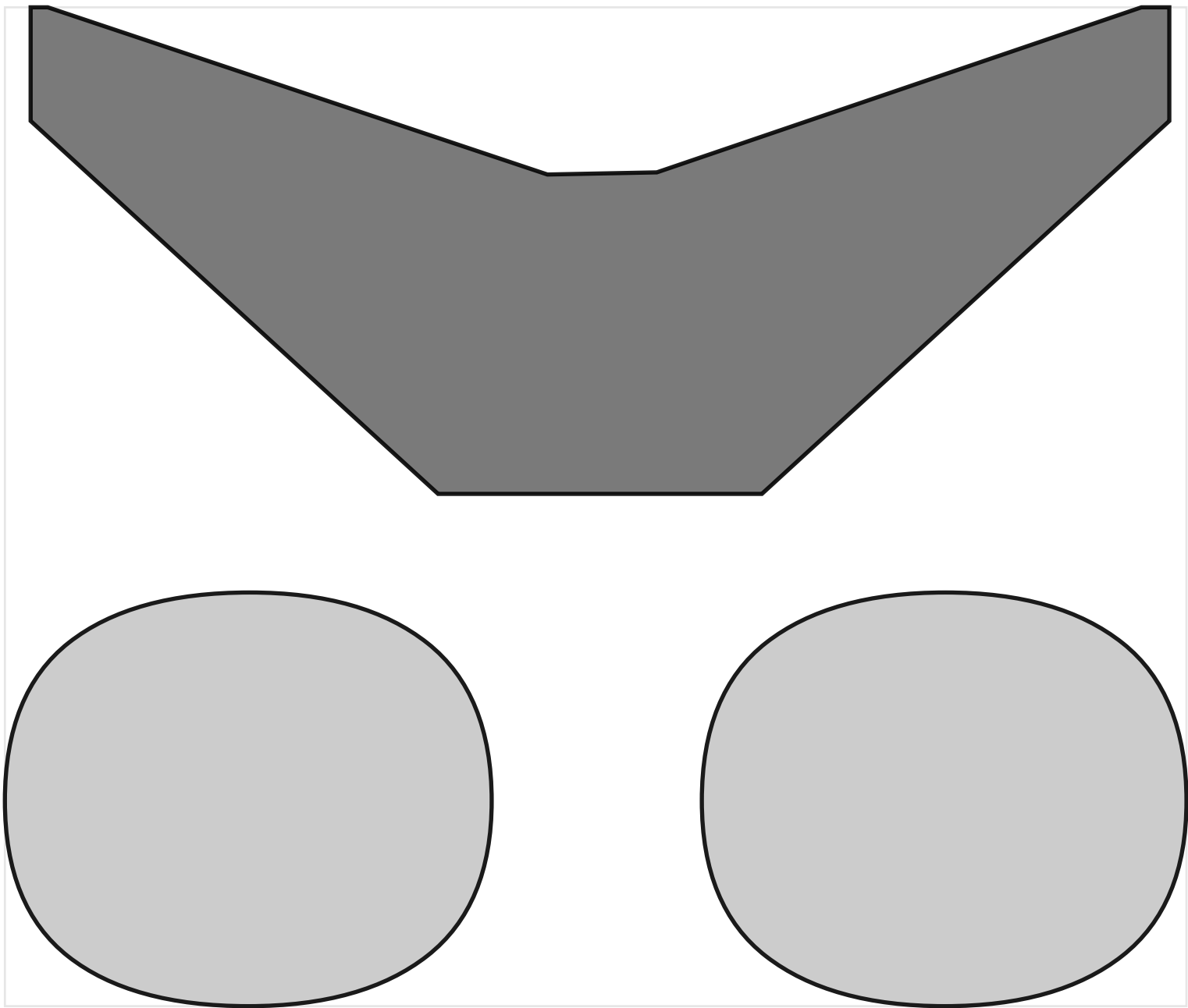'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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## underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation



'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

# Glyph name: dieresis_caron.uc

## underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

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# Glyph name: dieresis_caron.uc

## underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

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# Glyph name: divide

## wrong_start_point

### 'GRAD=−50.0'

### midway interpolation

### 'GRAD=−50.0 wght=100.0'

### proposed fix

# Glyph name: divide

## wrong_start_point

'GRAD=−50.0 opsz=8.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wght=100.0'

proposed fix

# Glyph name: divide

tolerance: 0.04

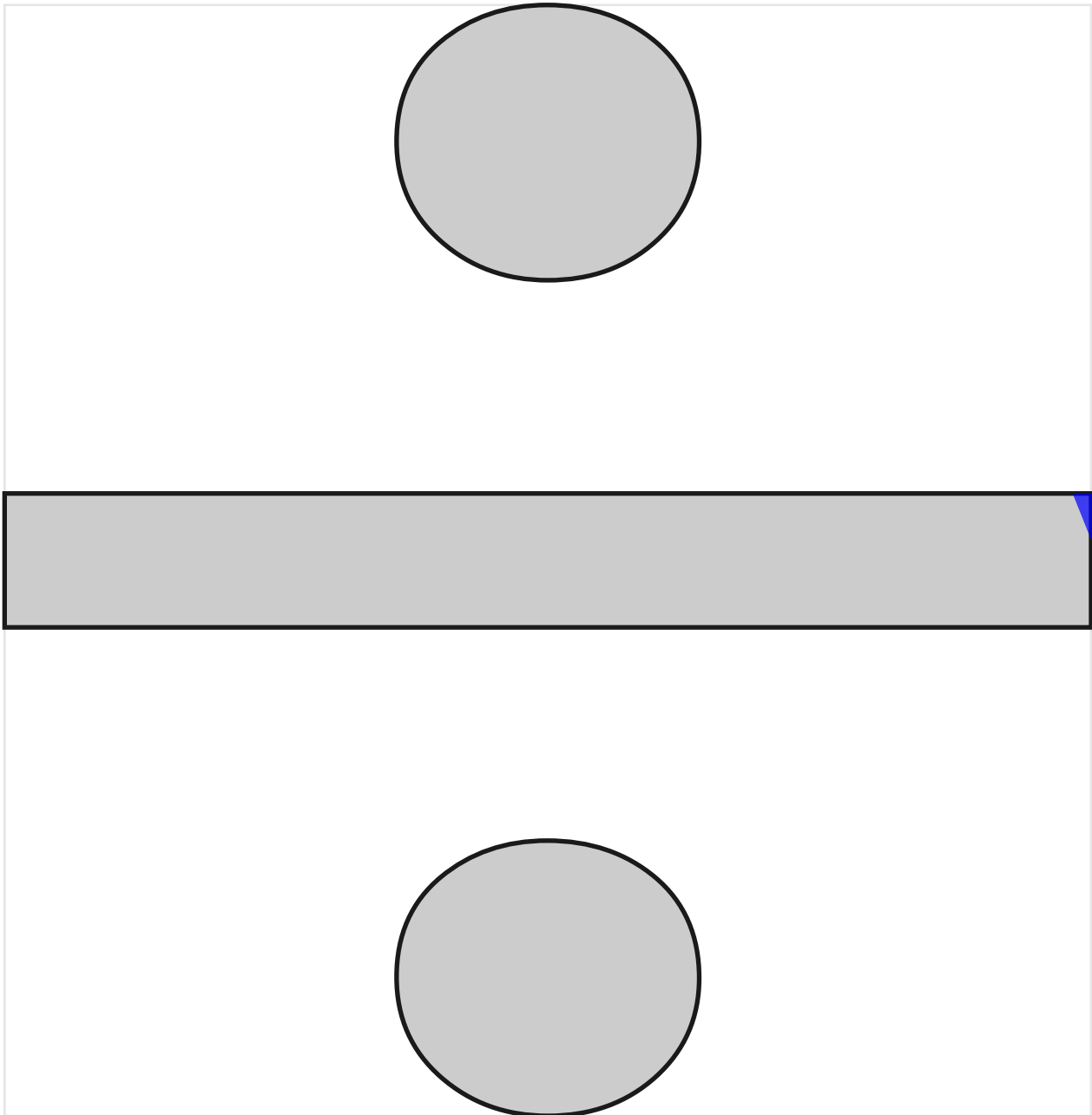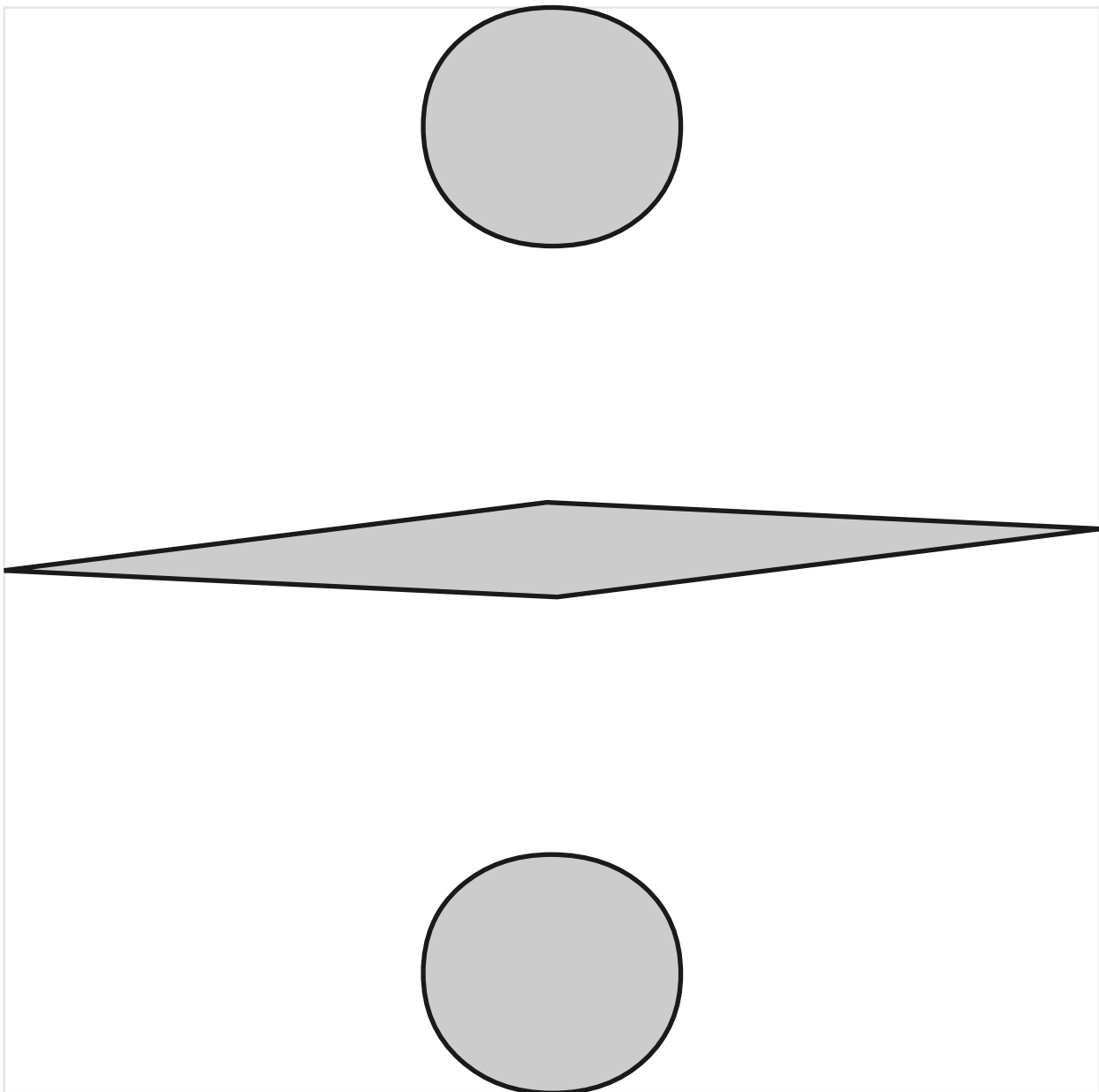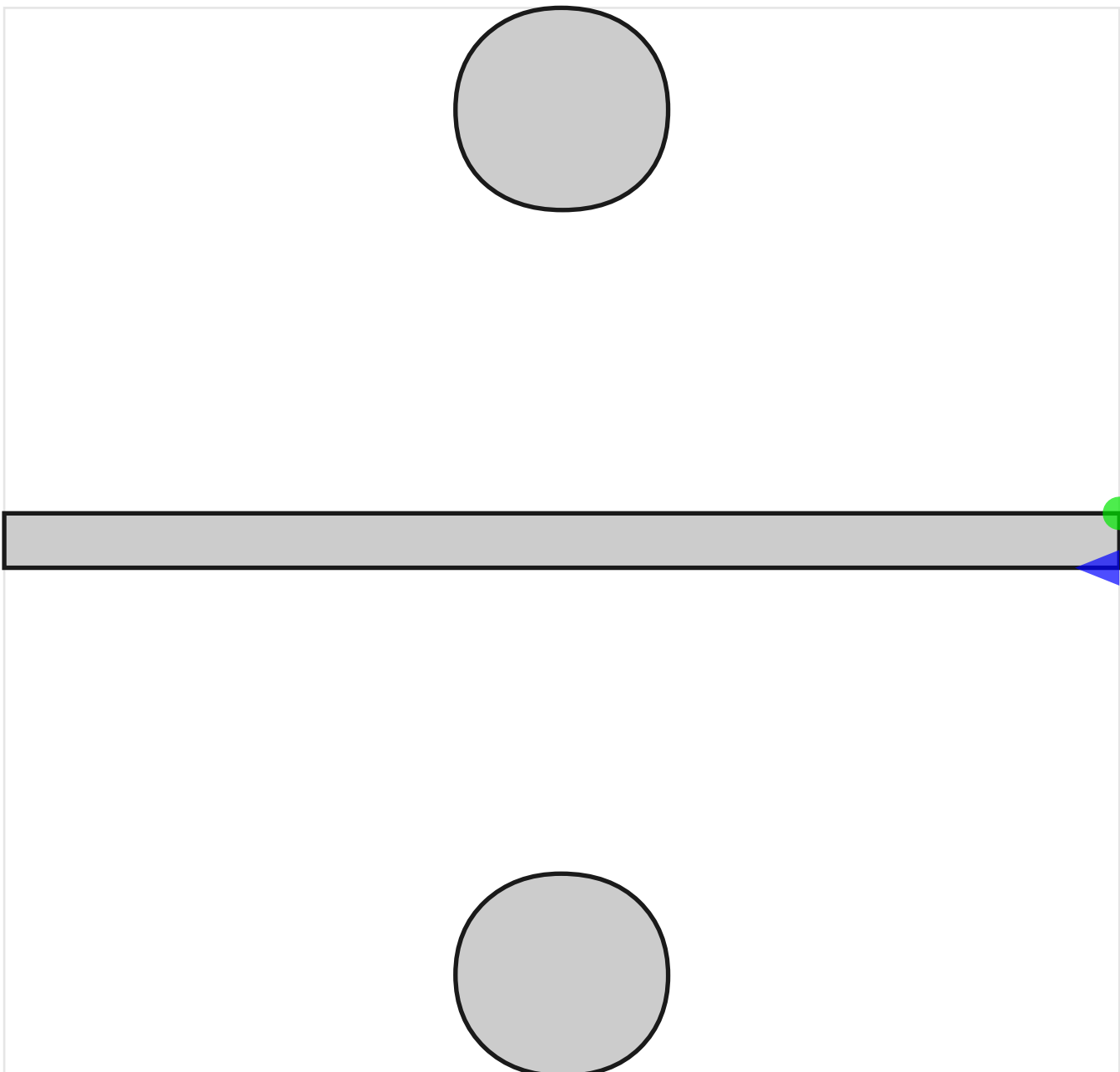## wrong_start_point

'GRAD=−50.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 wdth=50.0 wght=100.0'

proposed fix

# Glyph name: divide

tolerance: 0.03

## wrong_start_point
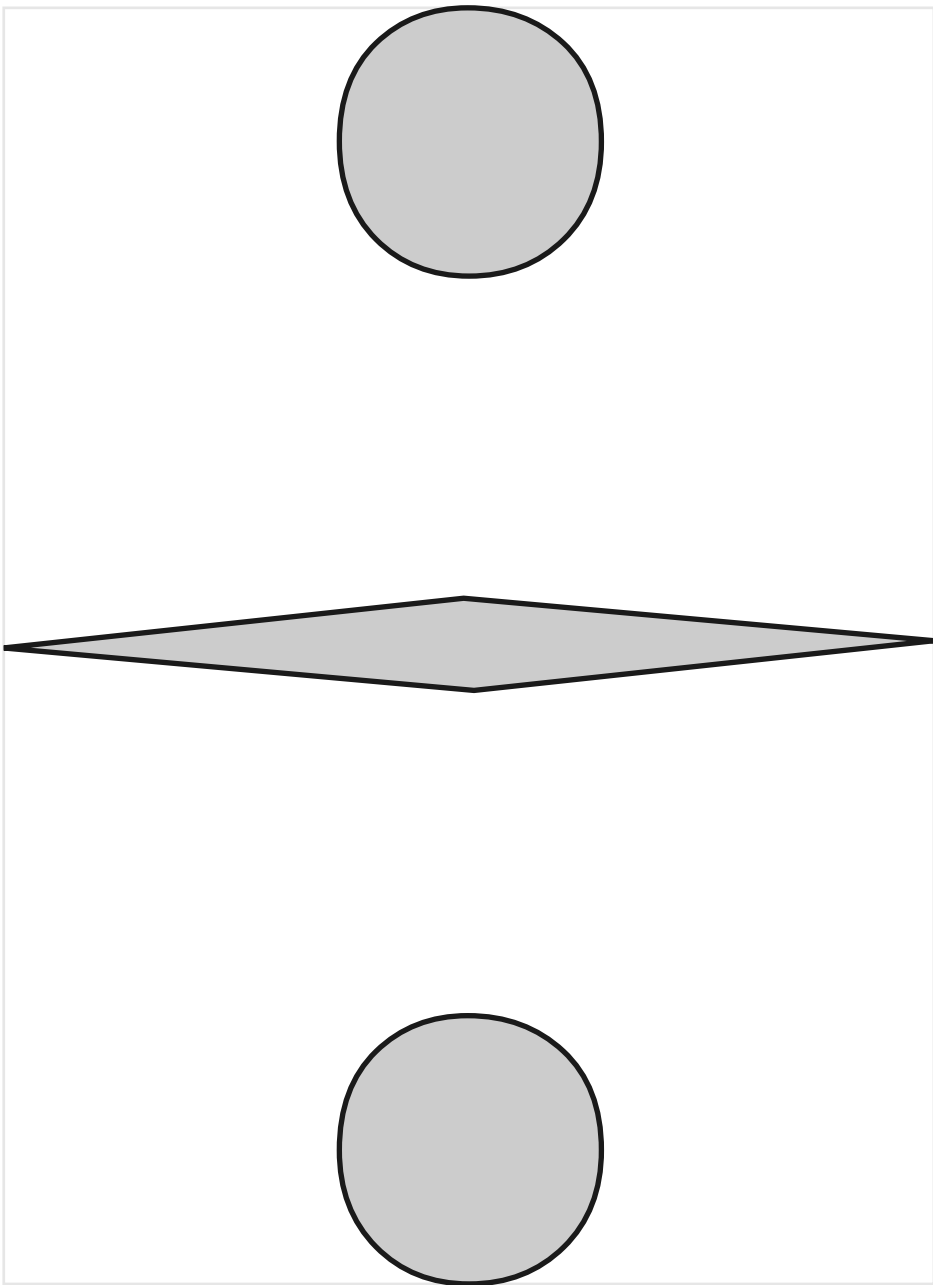
### 'GRAD=−50.0 wdth=150.0'



### midway interpolation



### 'GRAD=−50.0 wdth=150.0 wght=100.0'



### proposed fix

# Glyph name: divide

## wrong_start_point

’GRAD=−50.0 opsz=8.0 wdth=50.0’

midway interpolation

’GRAD=−50.0 opsz=8.0 wdth=50.0 wght=100.0’

proposed fix

# Glyph name: divide

## wrong_start_point

### 'GRAD=−50.0 opsz=8.0 wdth=150.0'

### midway interpolation

### 'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=100.0'

### proposed fix

# Glyph name: dollar.altprop

**tolerance: 0.04**

## wrong_start_point

### 'opsz=8.0 wdth=150.0'

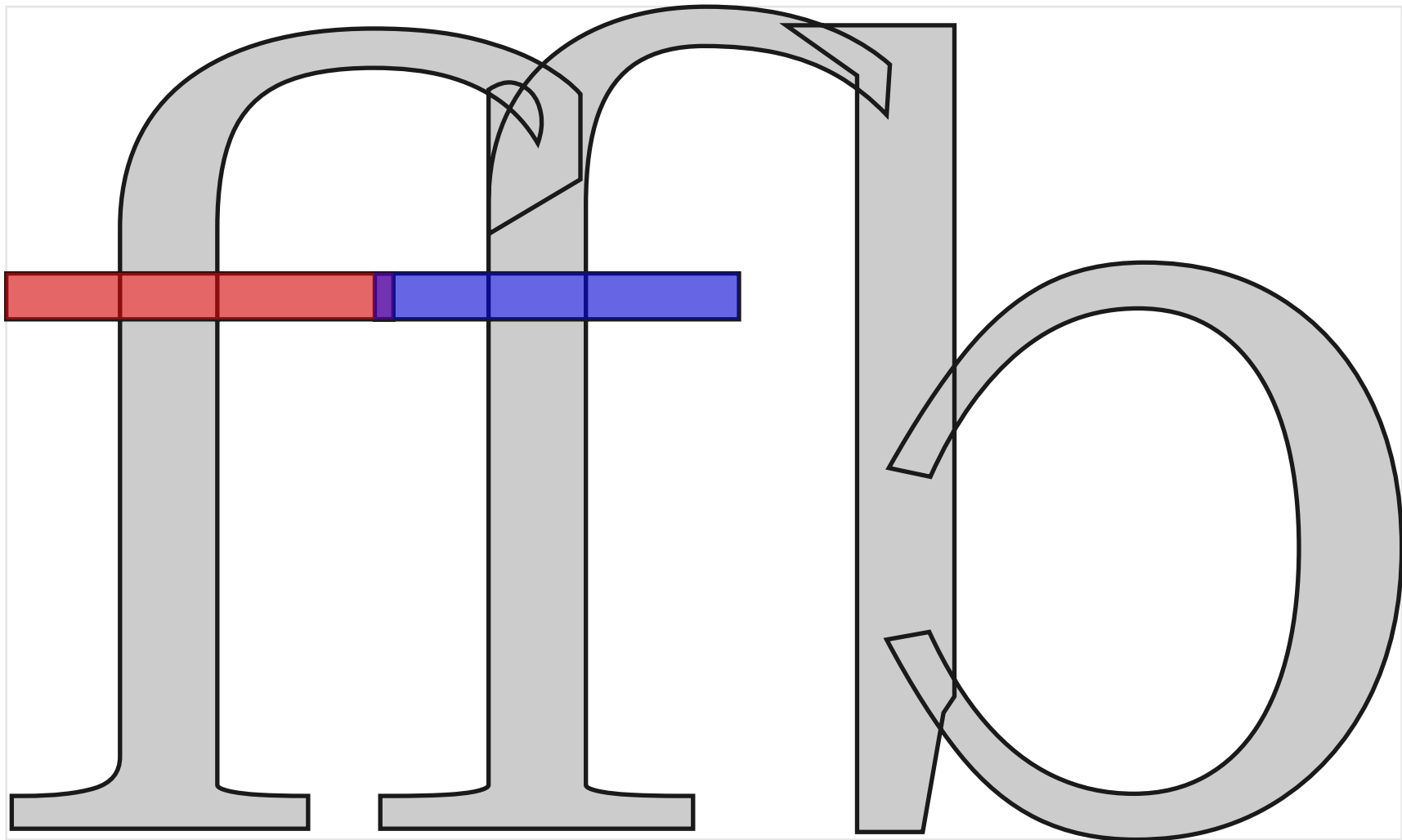### midway interpolation

### 'opsz=8.0 wdth=150.0 wght=900.0'

### proposed fix

# Glyph name: f_f_b.alt

**tolerance: 0.04**

## contour_order

'GRAD=−50.0'

midway interpolation



'GRAD=−50.0 opsz=144.0'

proposed fix
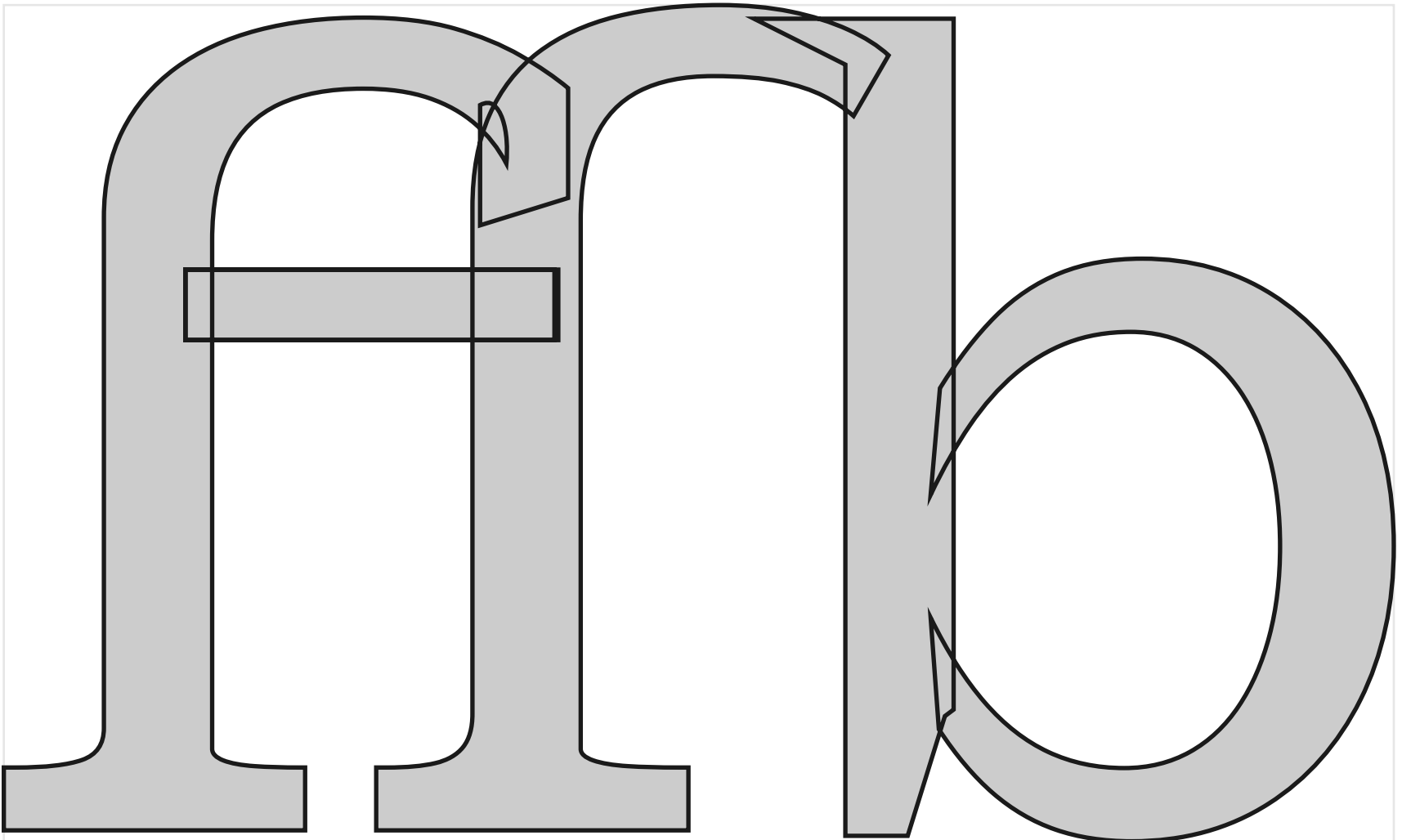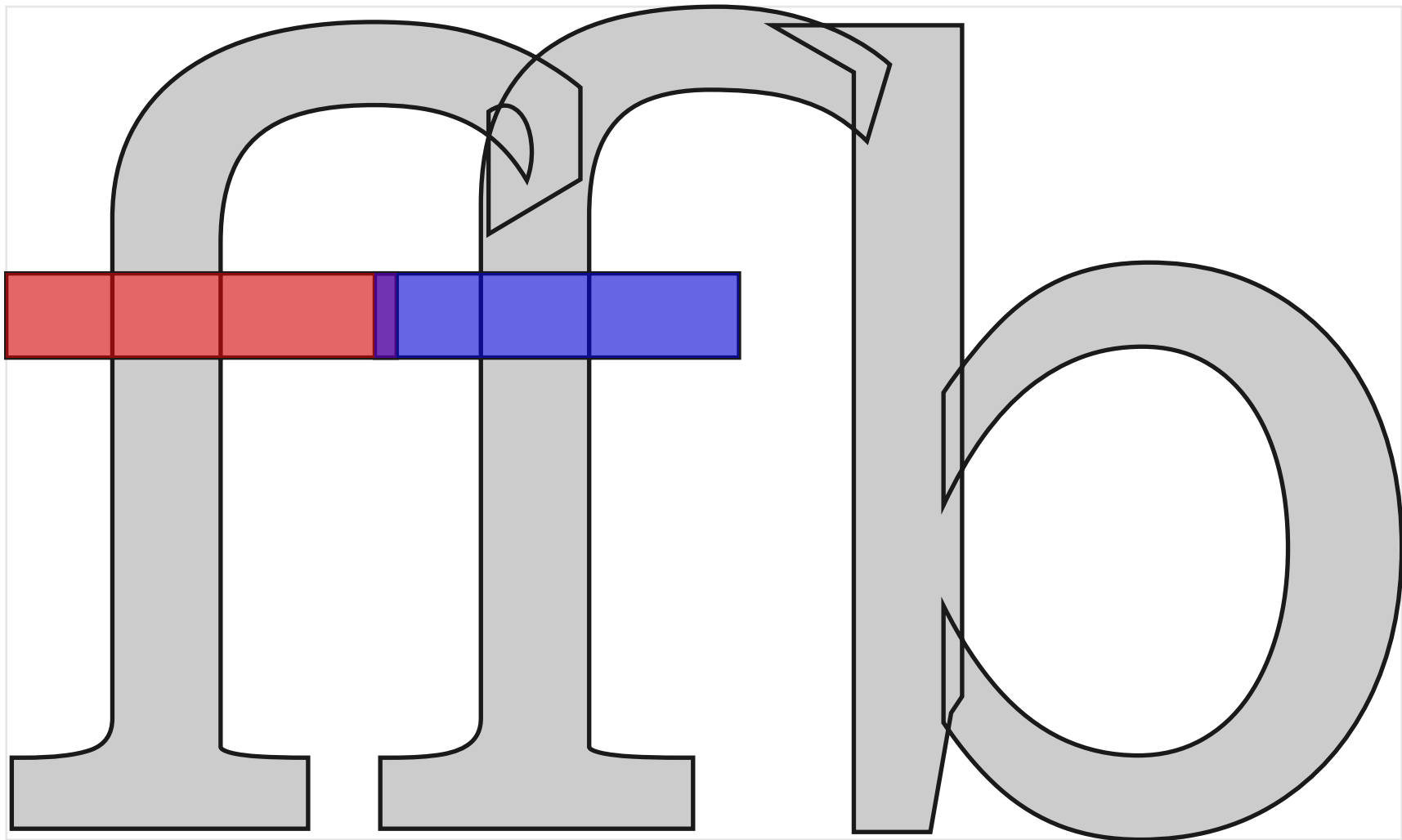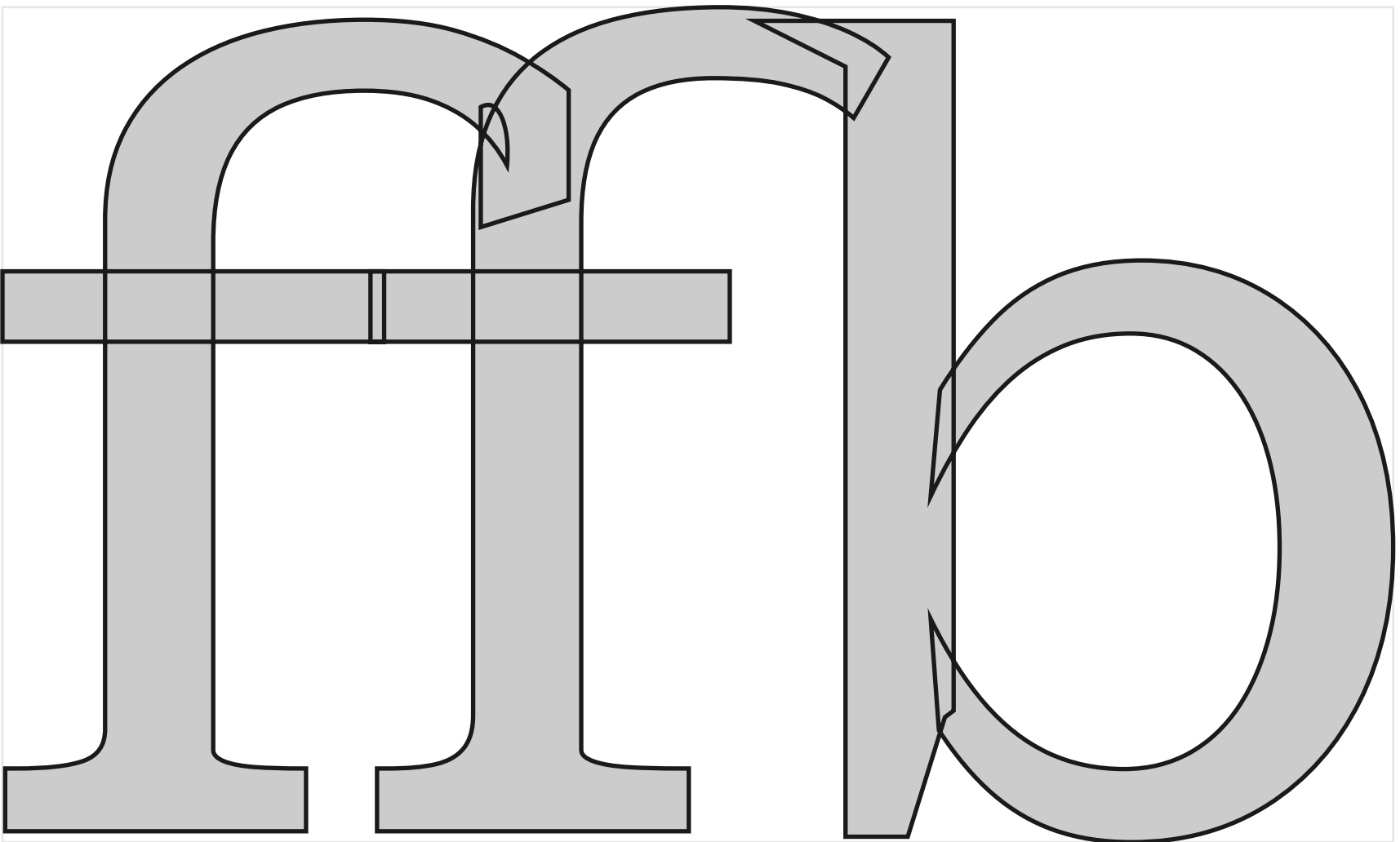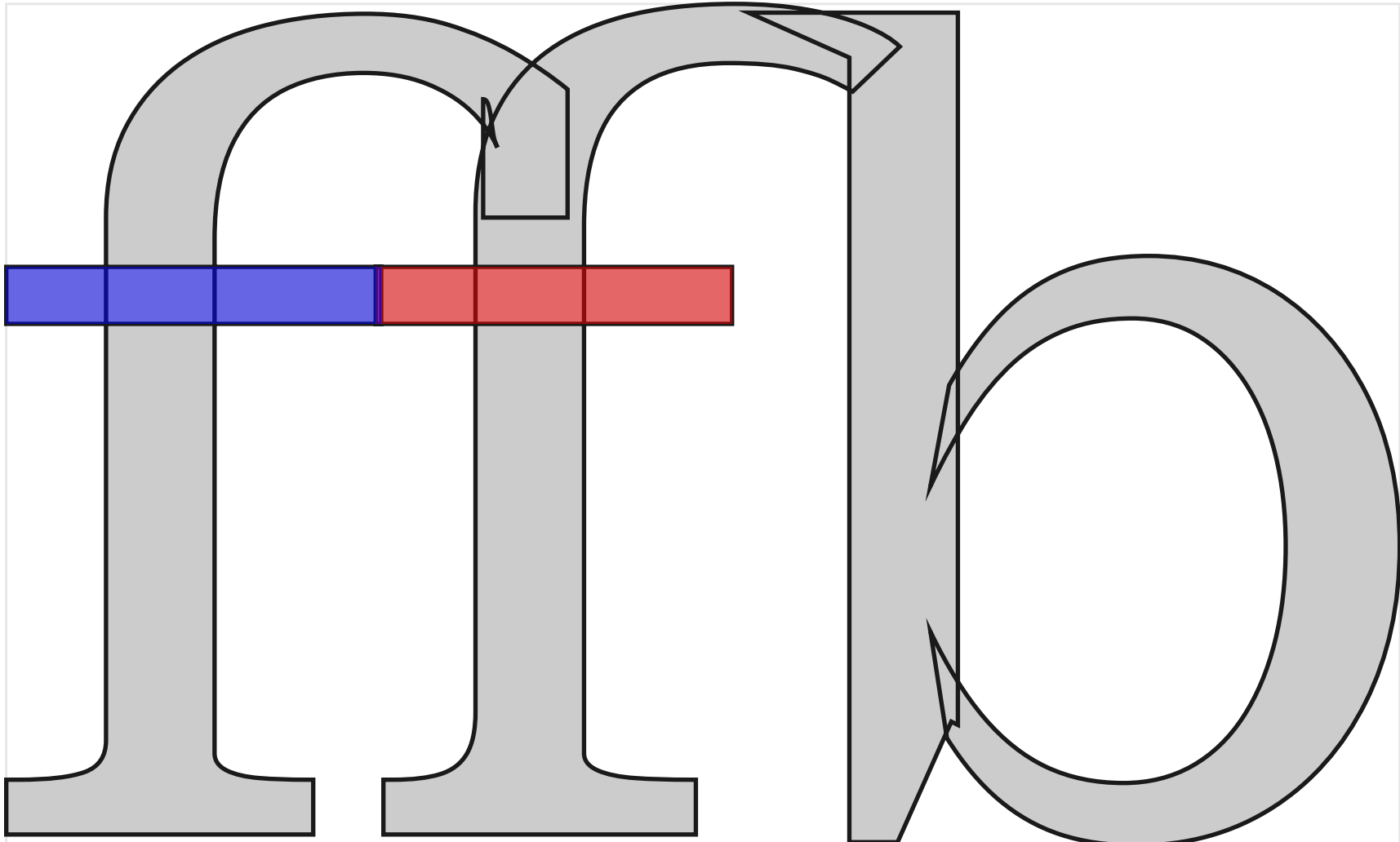
Glyph name: f_f_b.alt

tolerance: 0.03

## contour_order

'GRAD=100.0'
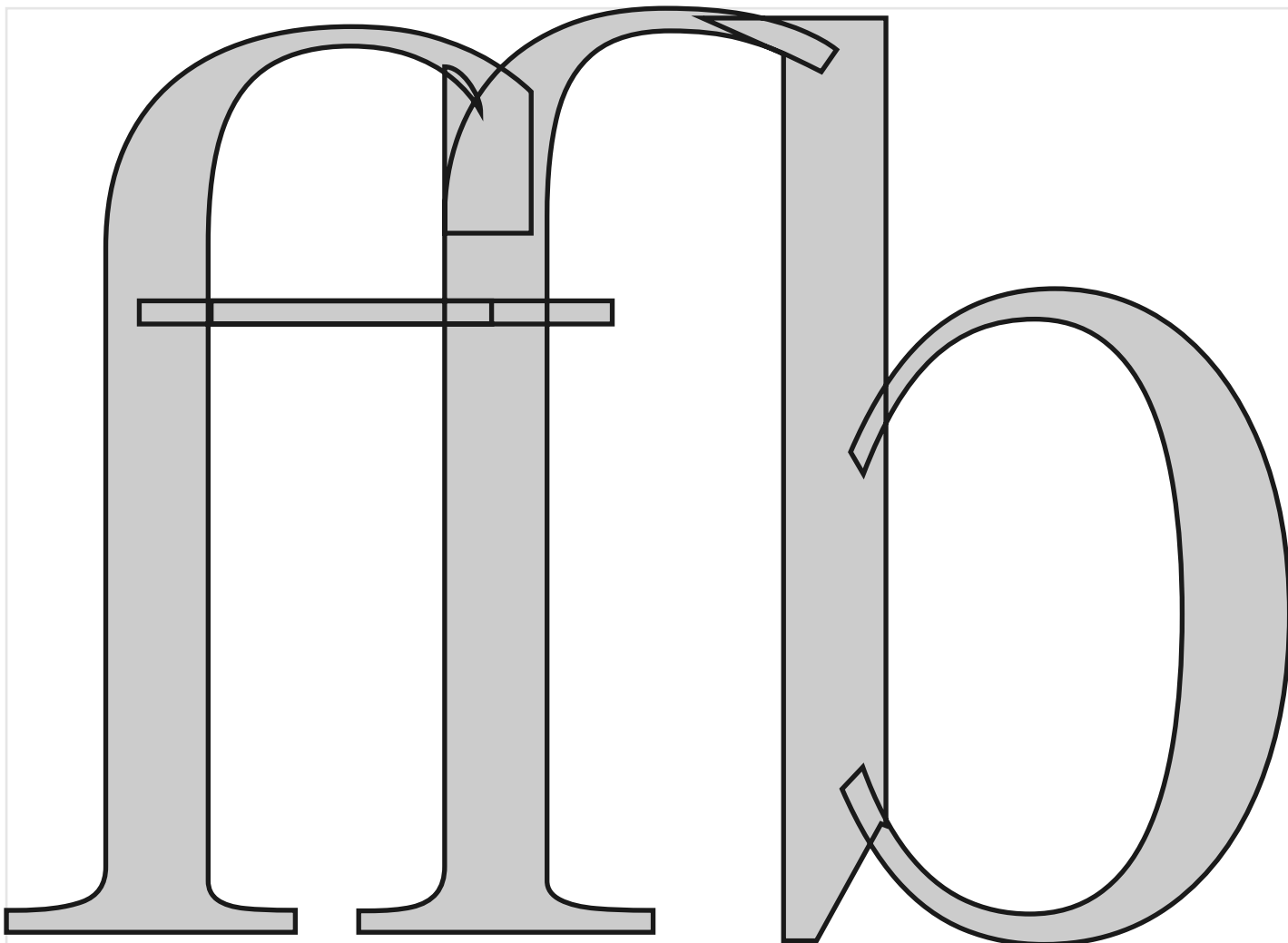
midway interpolation

'GRAD=100.0 opsz=144.0'

proposed fix

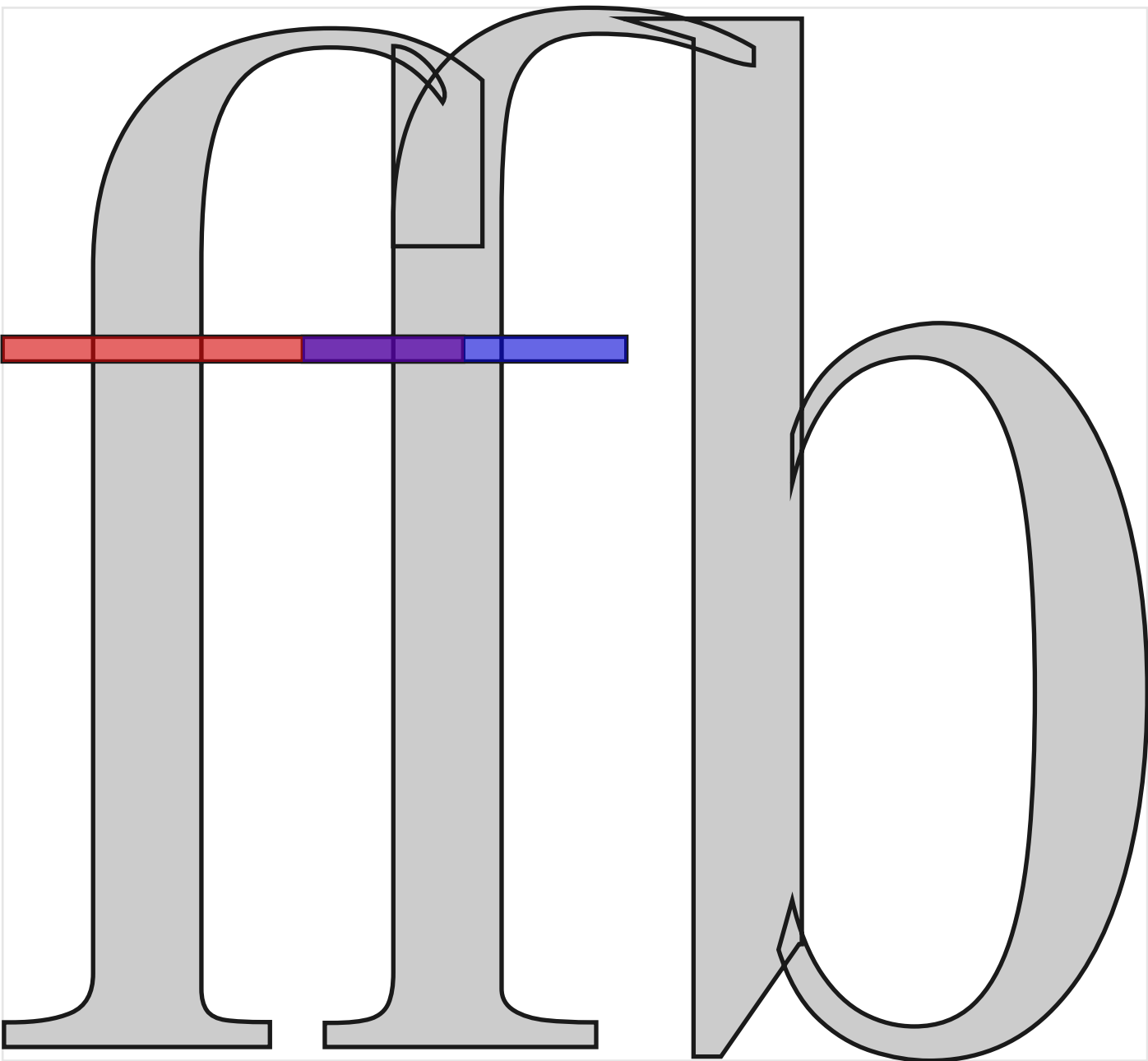# Glyph name: f_f_b.alt

**tolerance: 0.74**

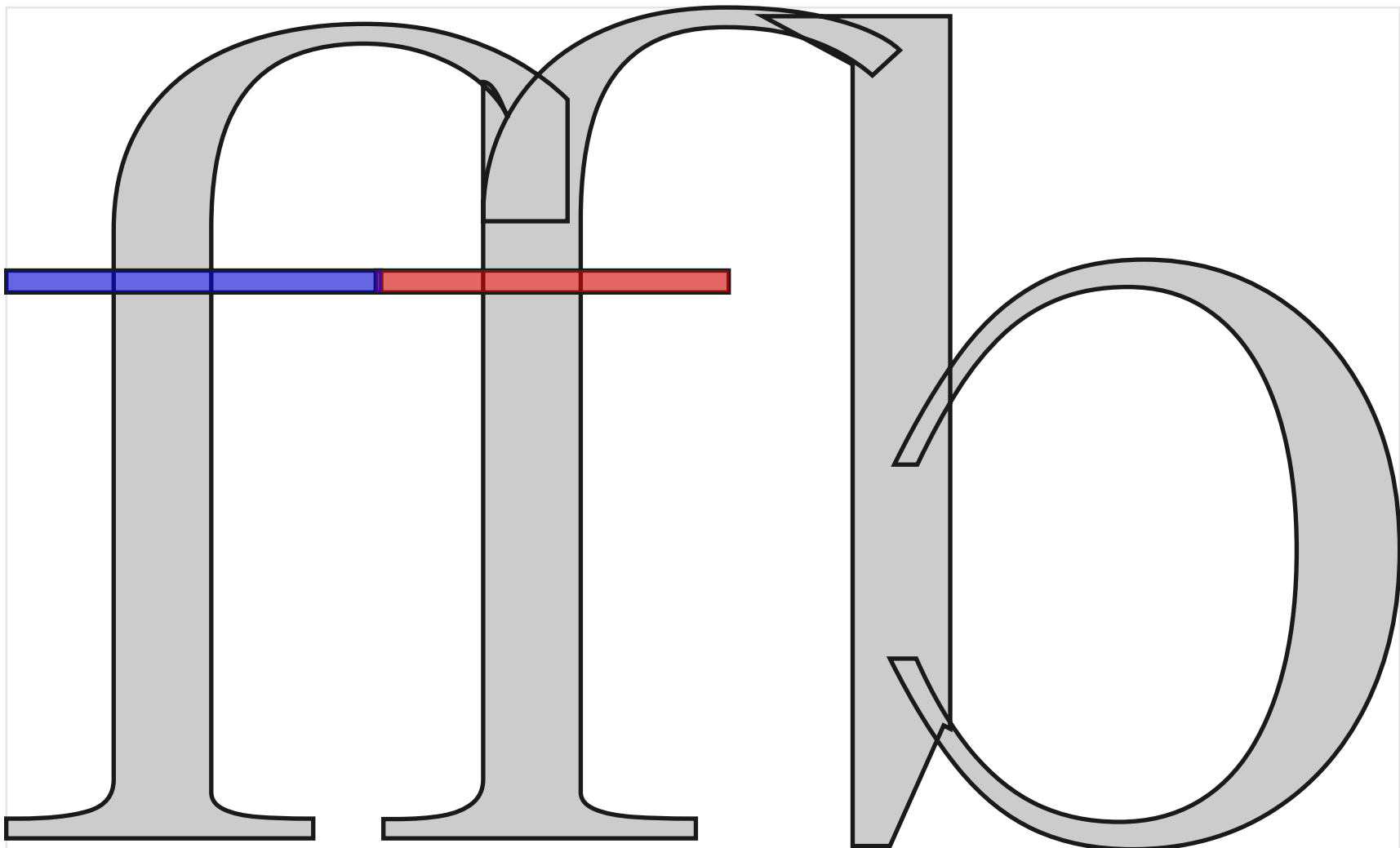## contour_order

'GRAD=−50.0 opsz=144.0'

midway interpolation

'GRAD=−50.0 opsz=144.0 wdth=50.0'

proposed fix
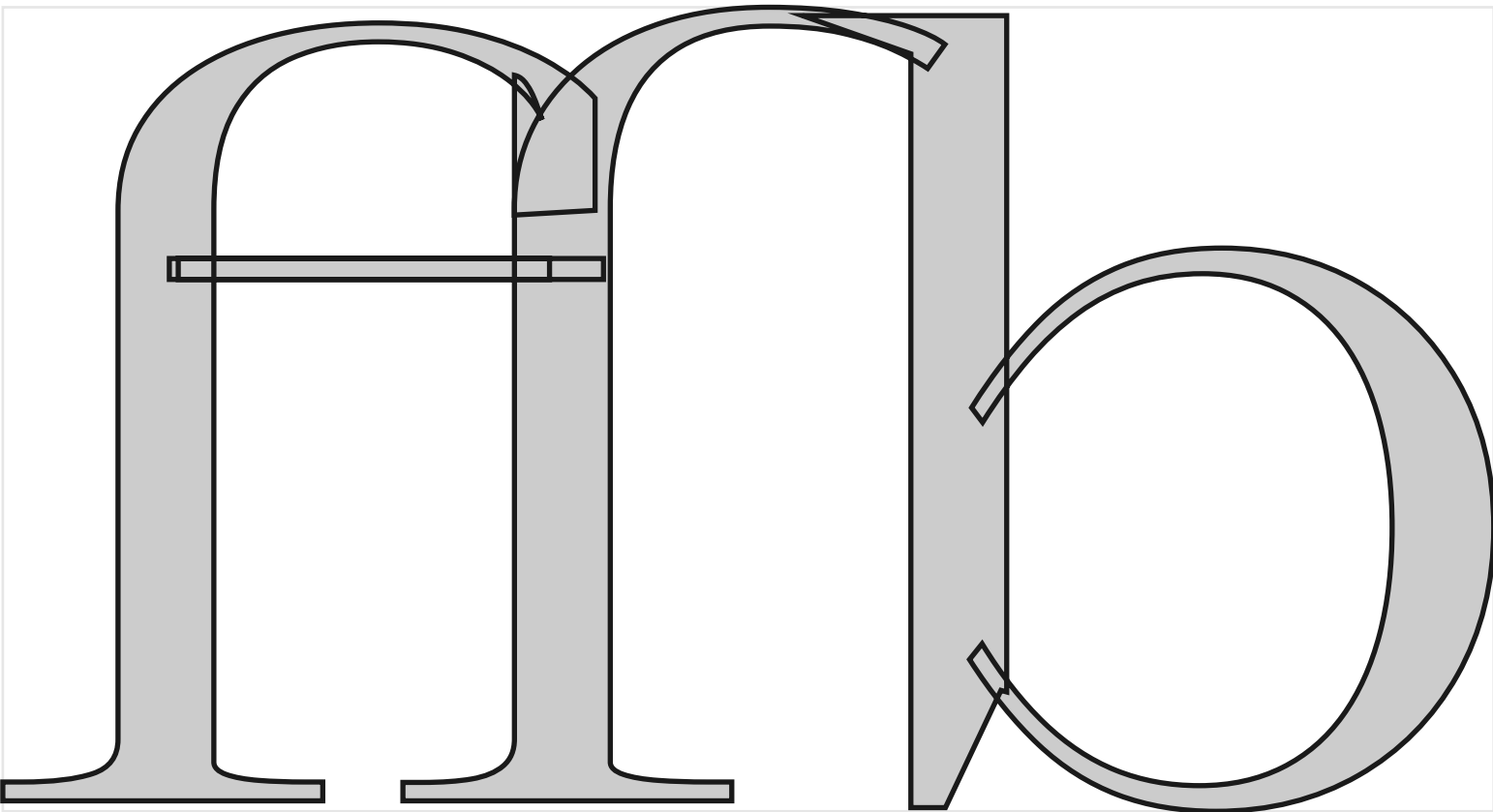
60

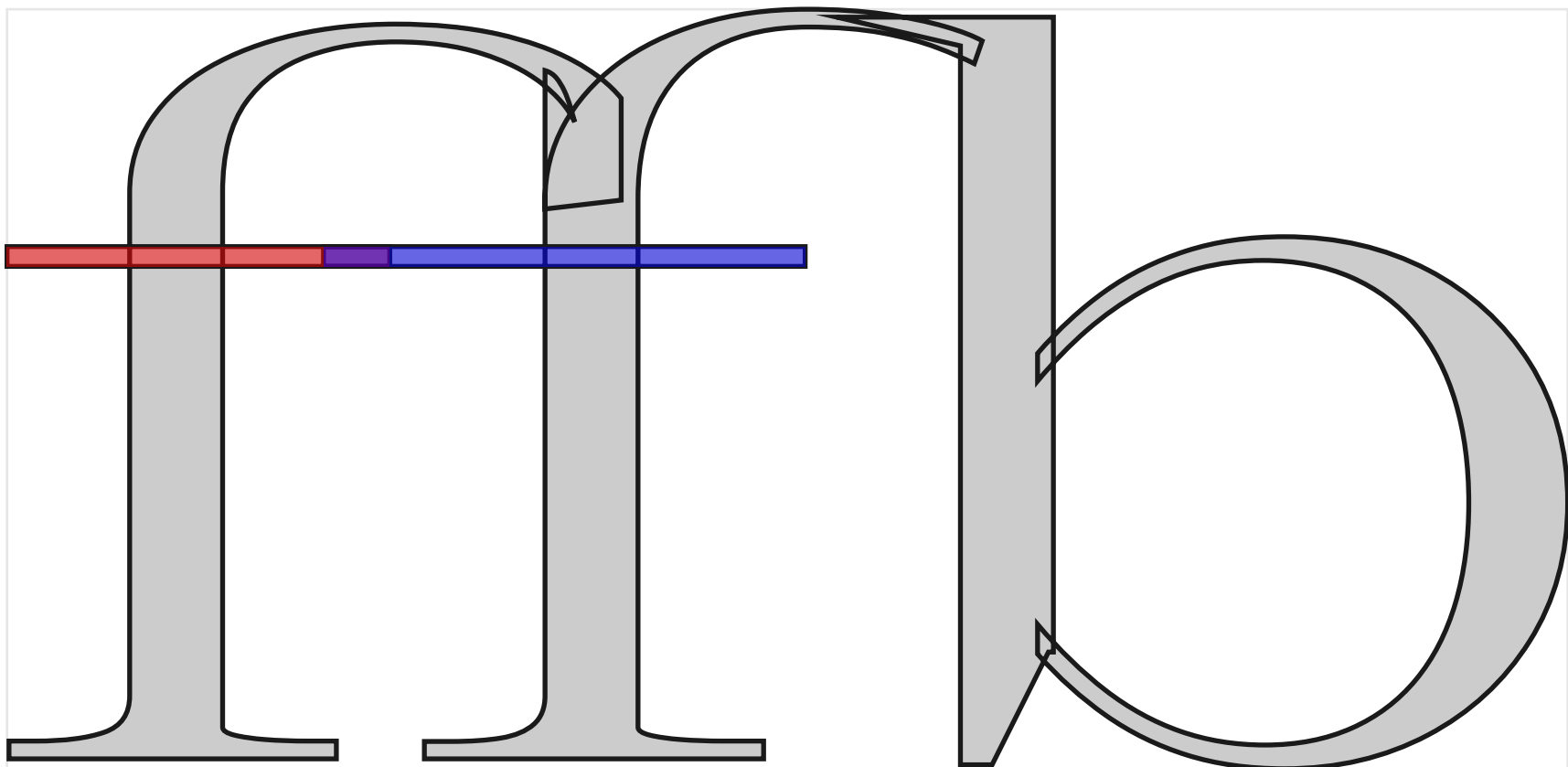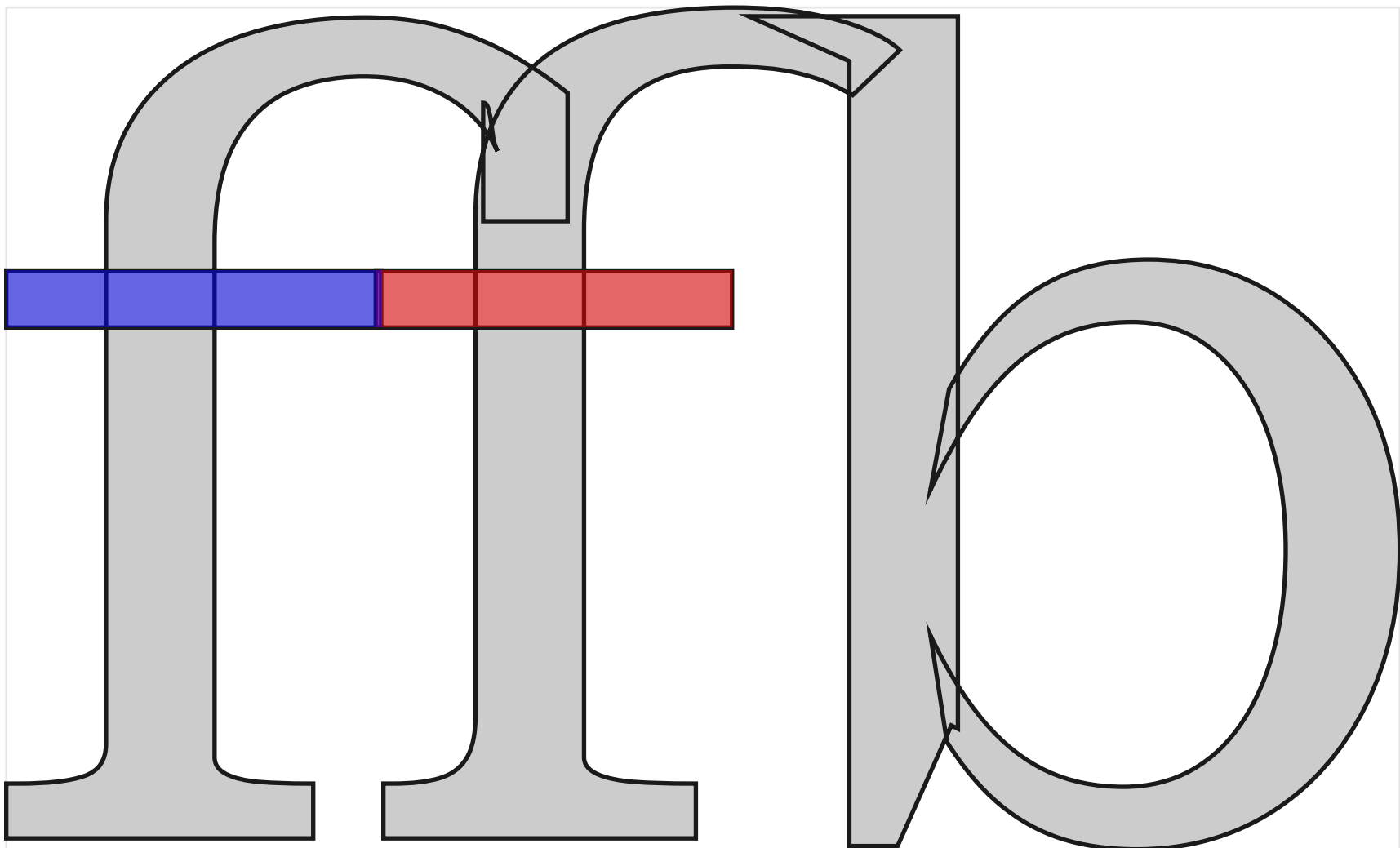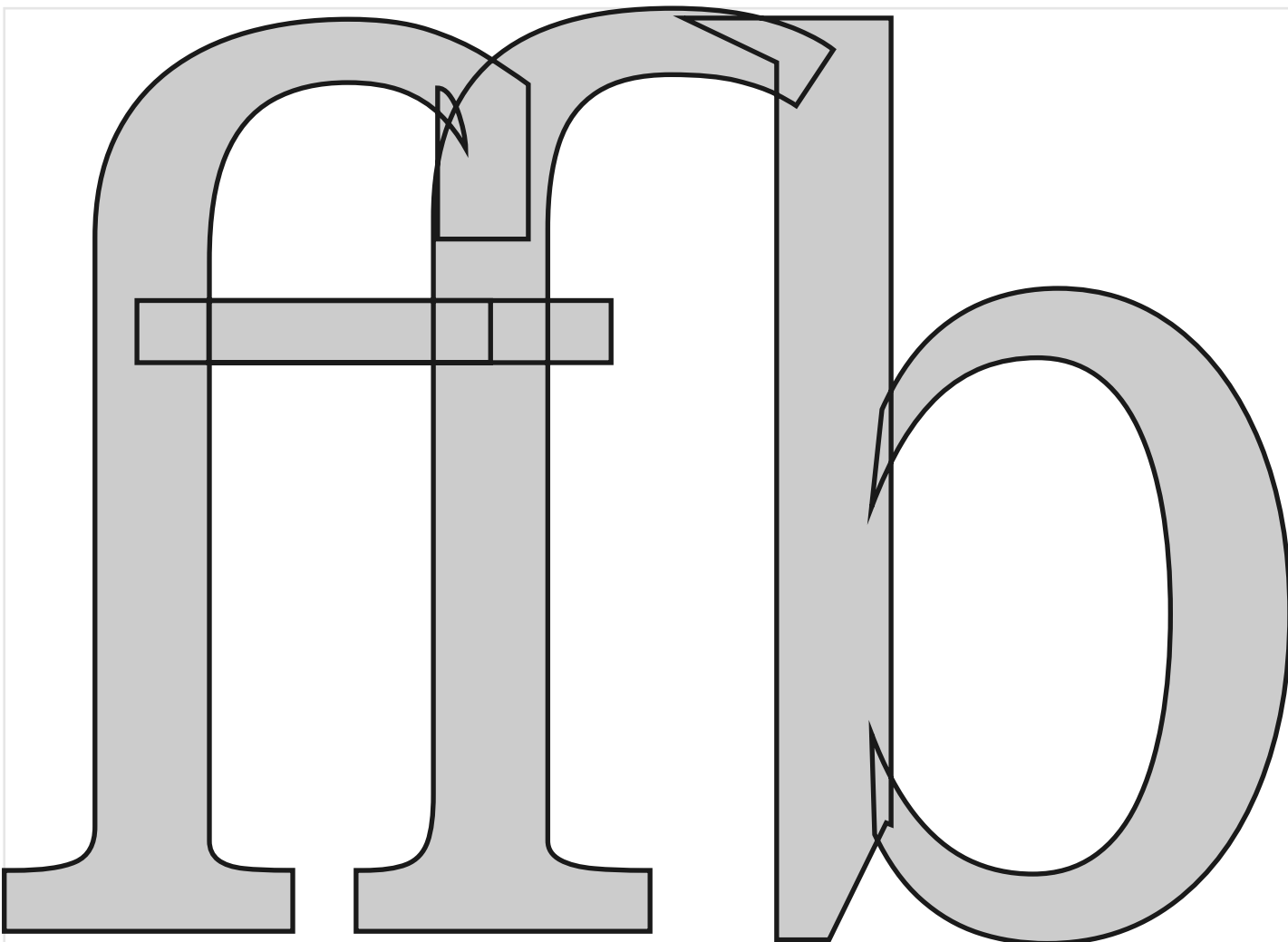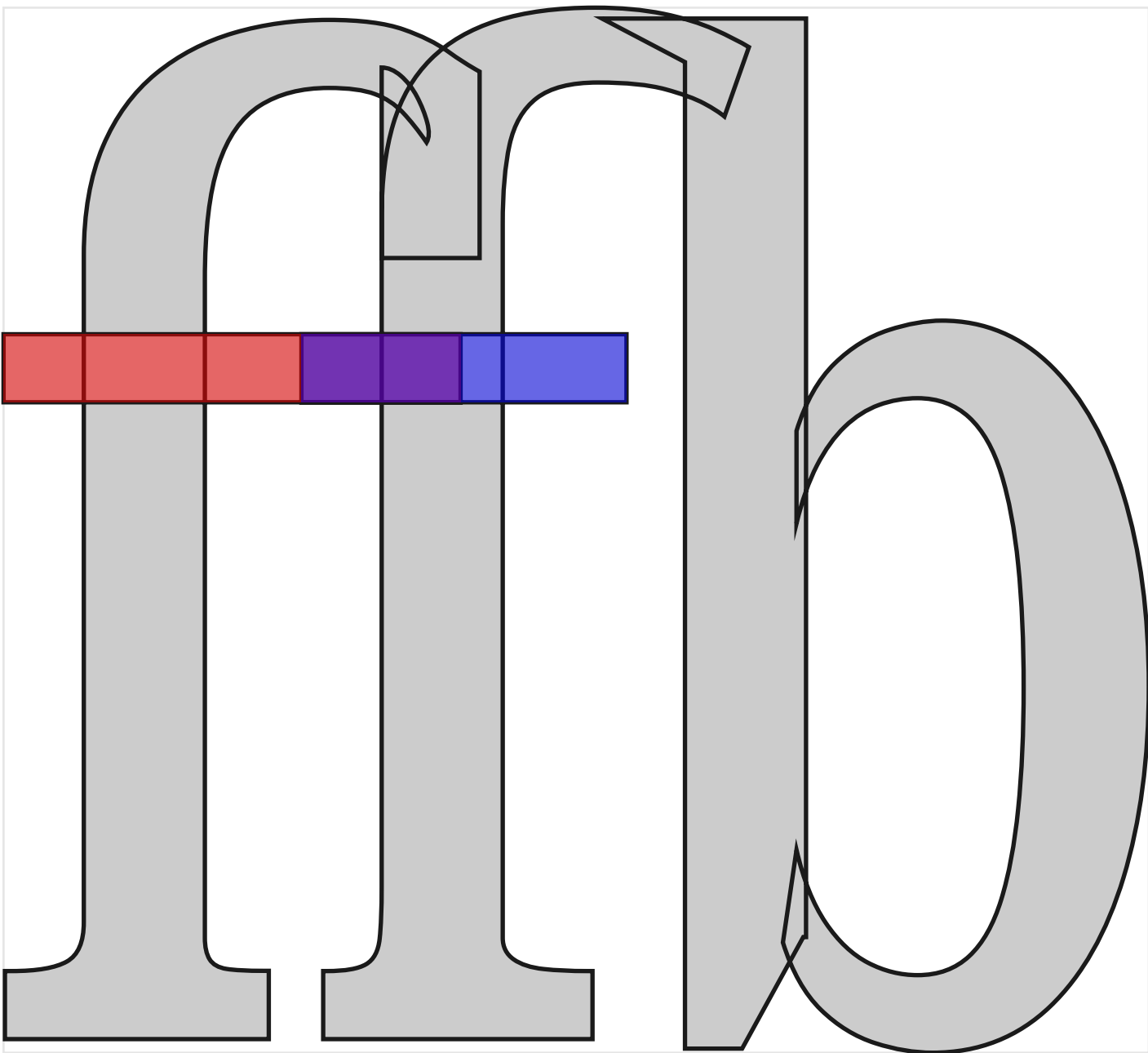# Glyph name: f_f_b.alt

tolerance: 0.39

## contour_order

'GRAD=−50.0 opsz=144.0'

midway interpolation



'GRAD=−50.0 opsz=144.0 wdth=150.0'

proposed fix

# Glyph name: f_f_b.alt

**tolerance: 0.74**

## contour_order
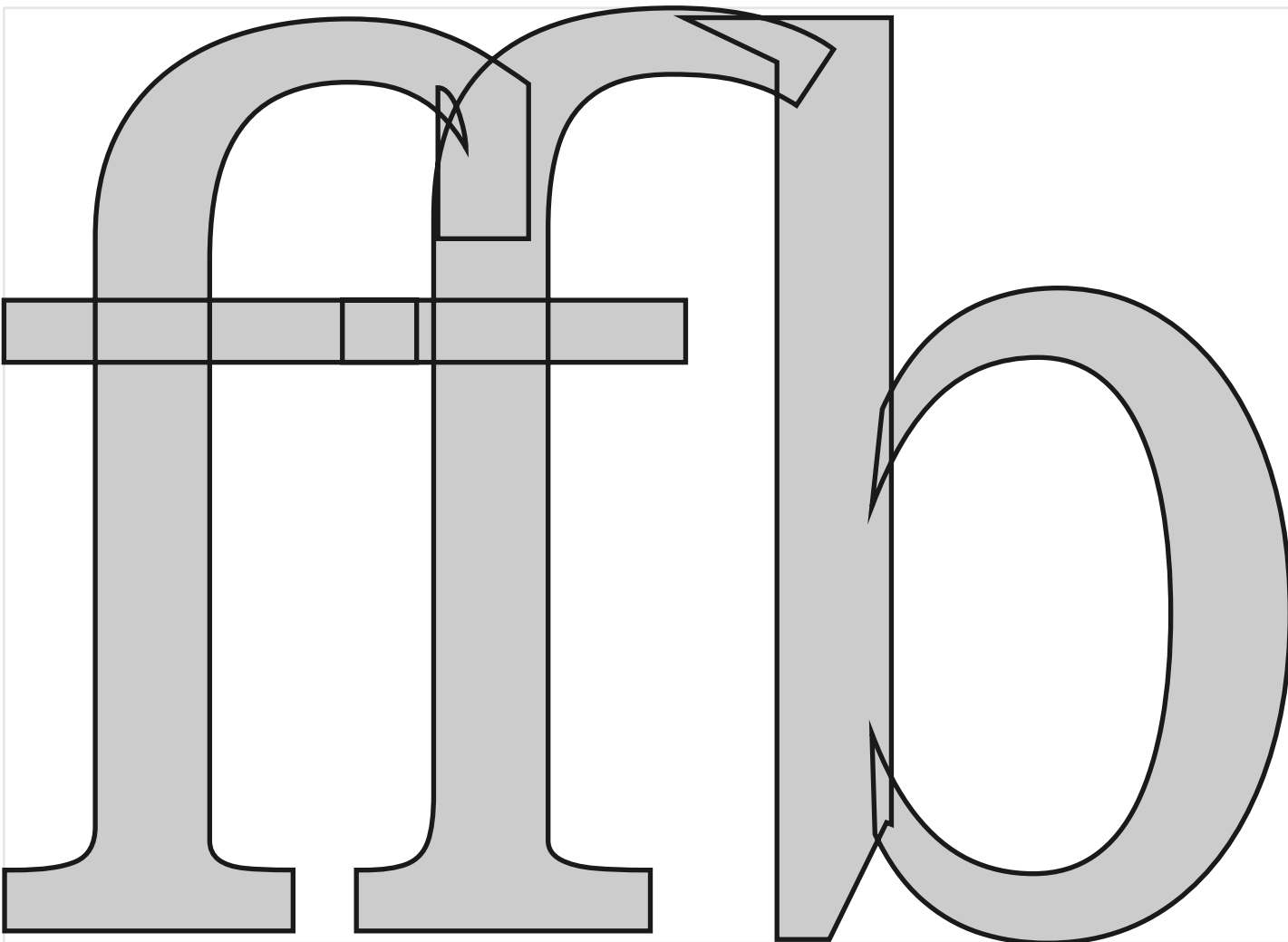
'GRAD=100.0 opsz=144.0'
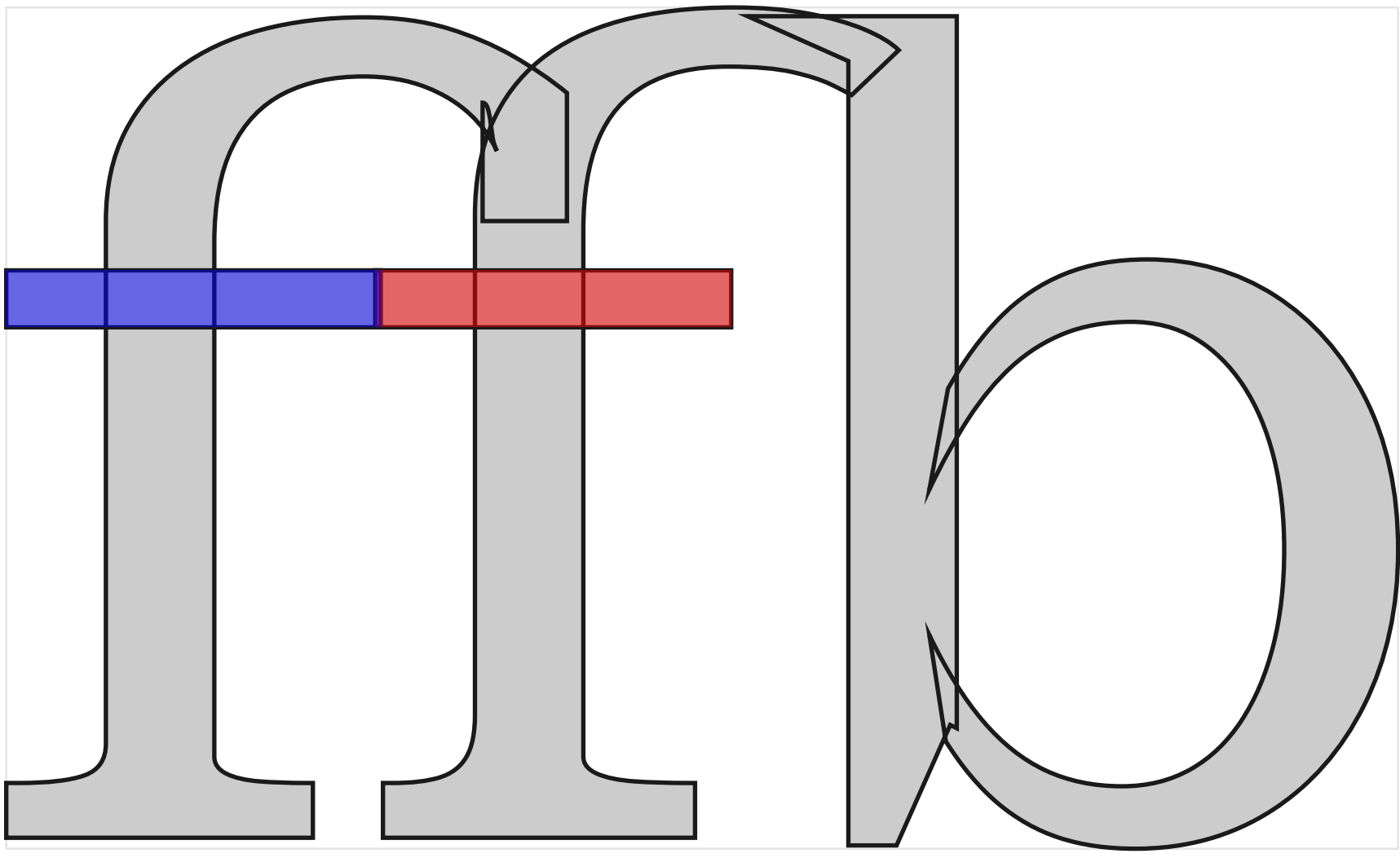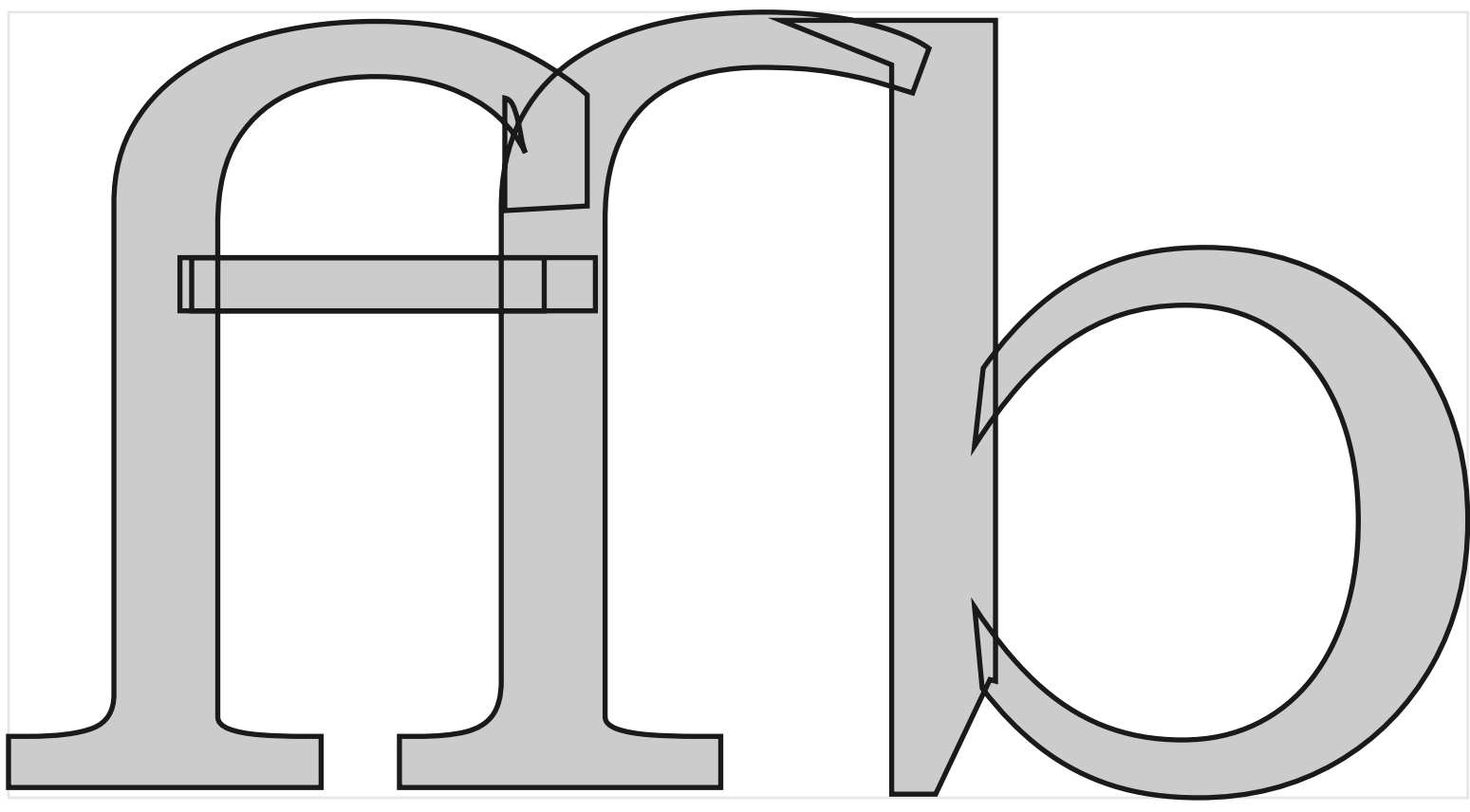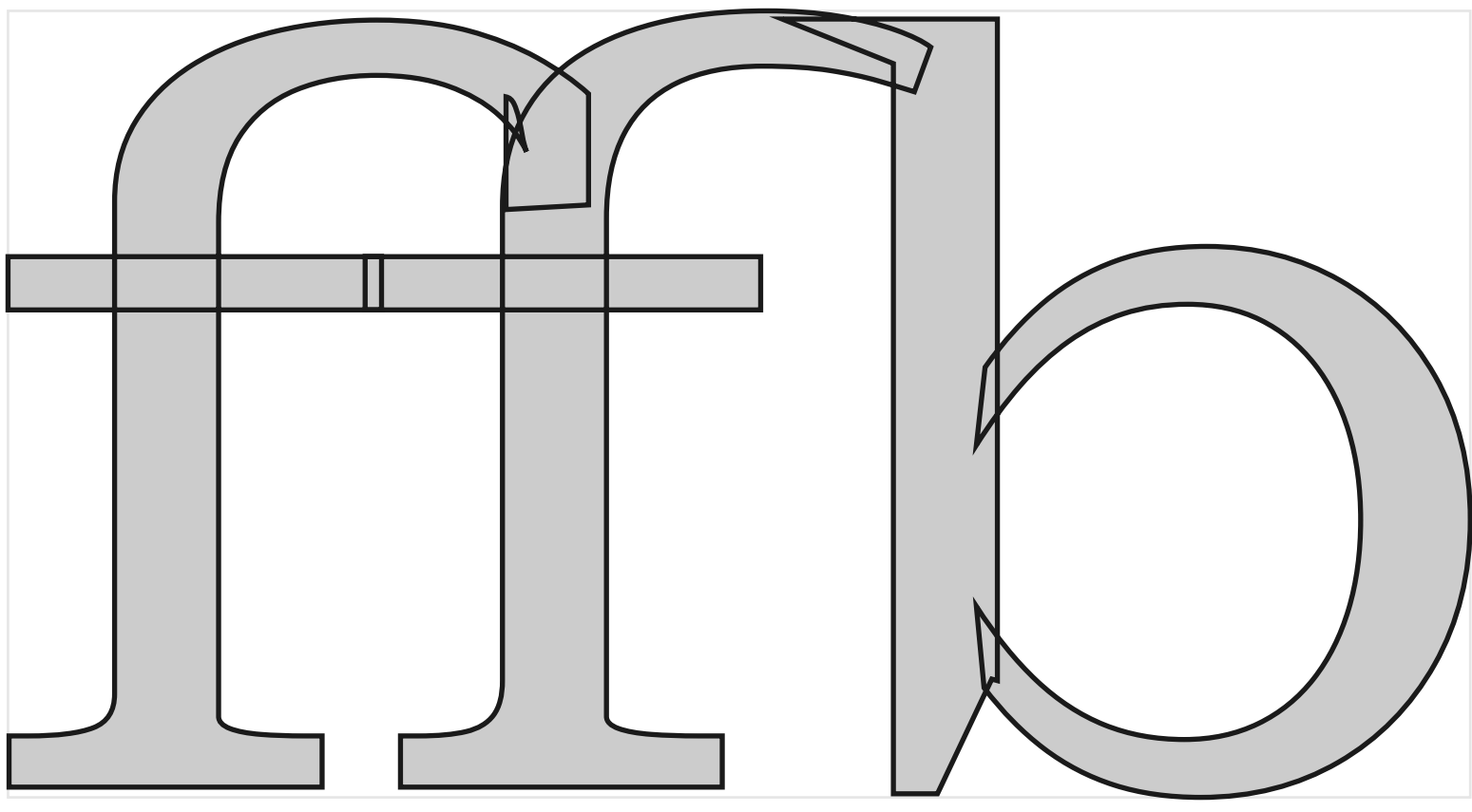
midway interpolation



'GRAD=100.0 opsz=144.0 wdth=50.0'

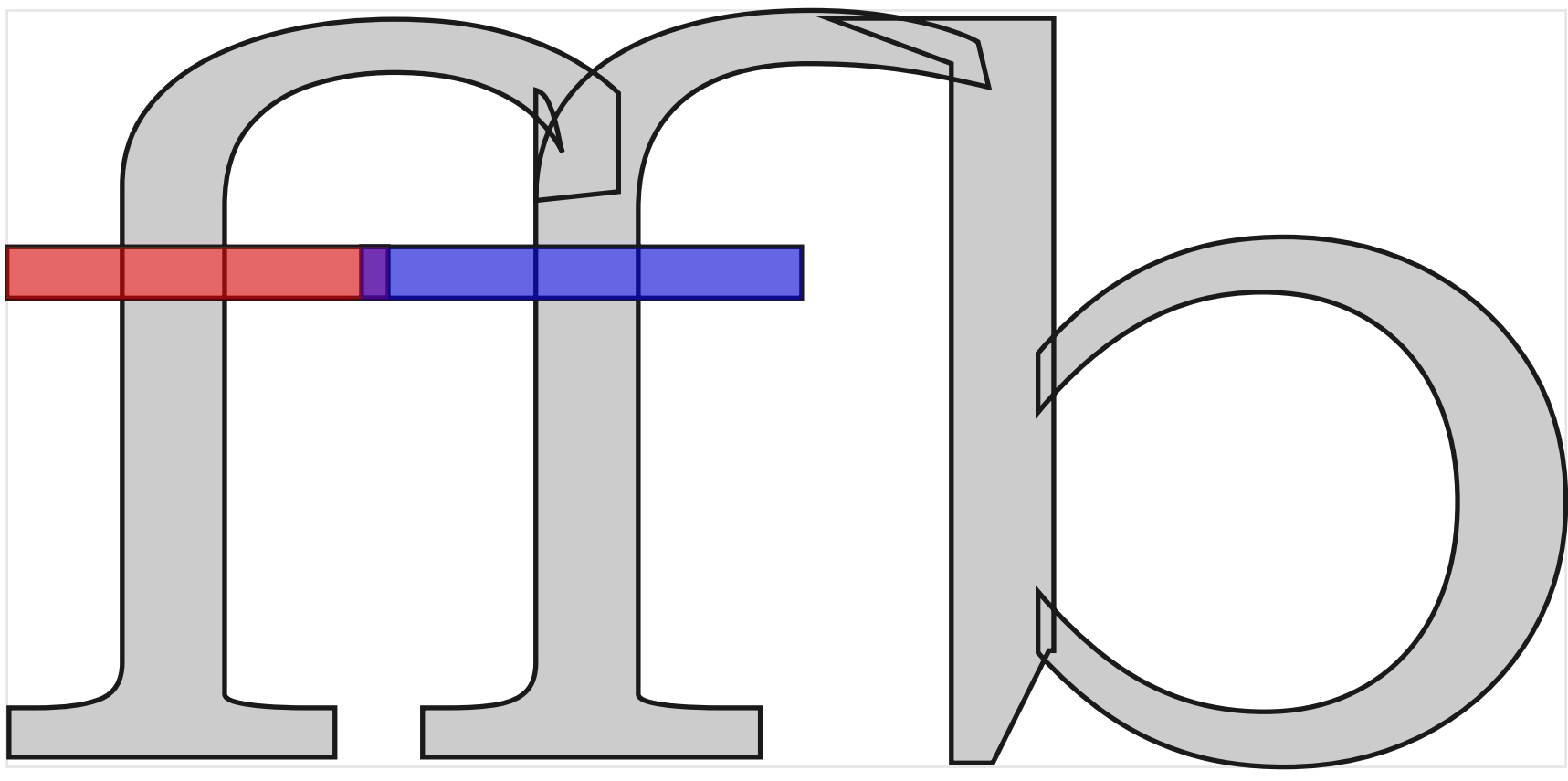proposed fix

## contour_order
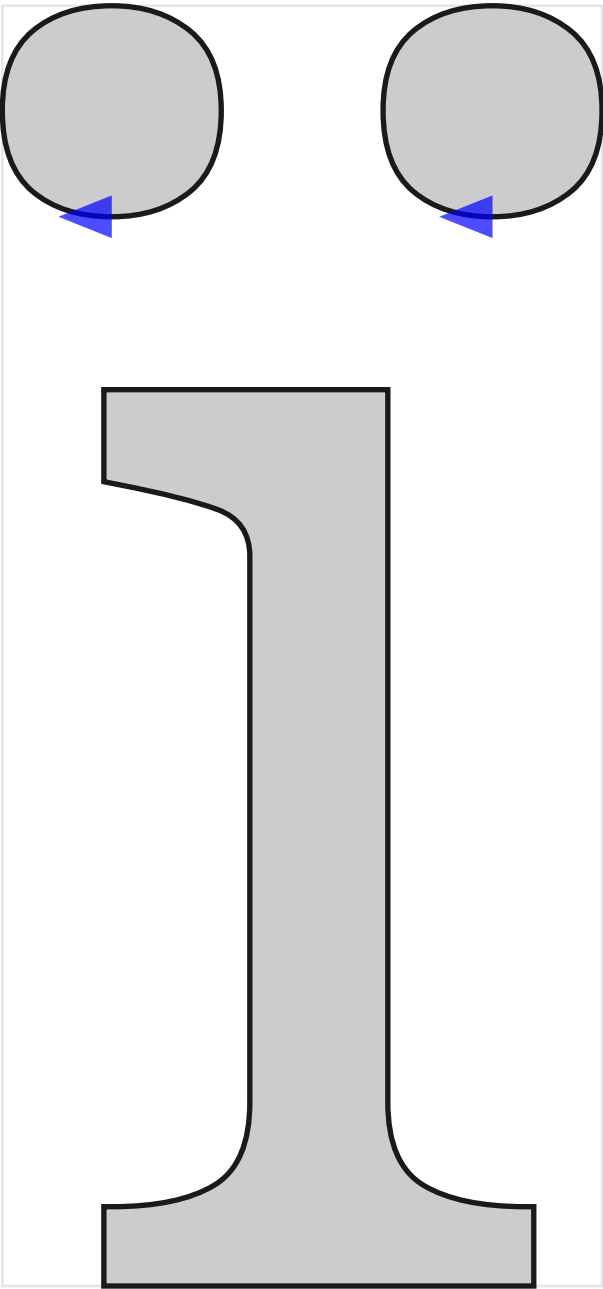
'GRAD=100.0 opsz=144.0'

midway interpolation
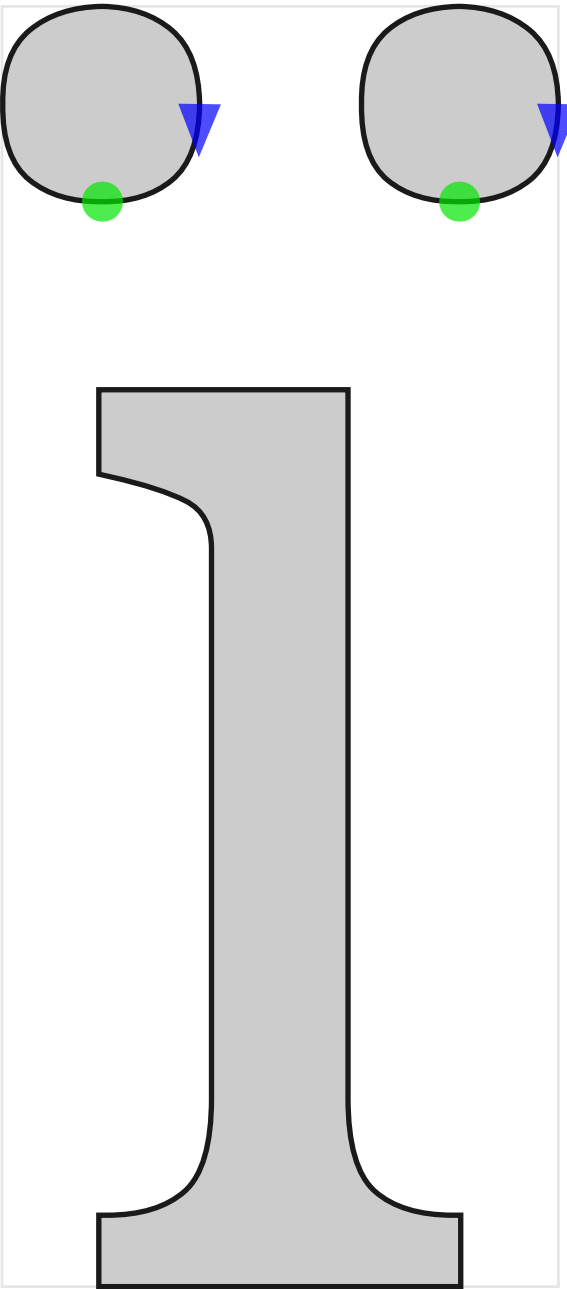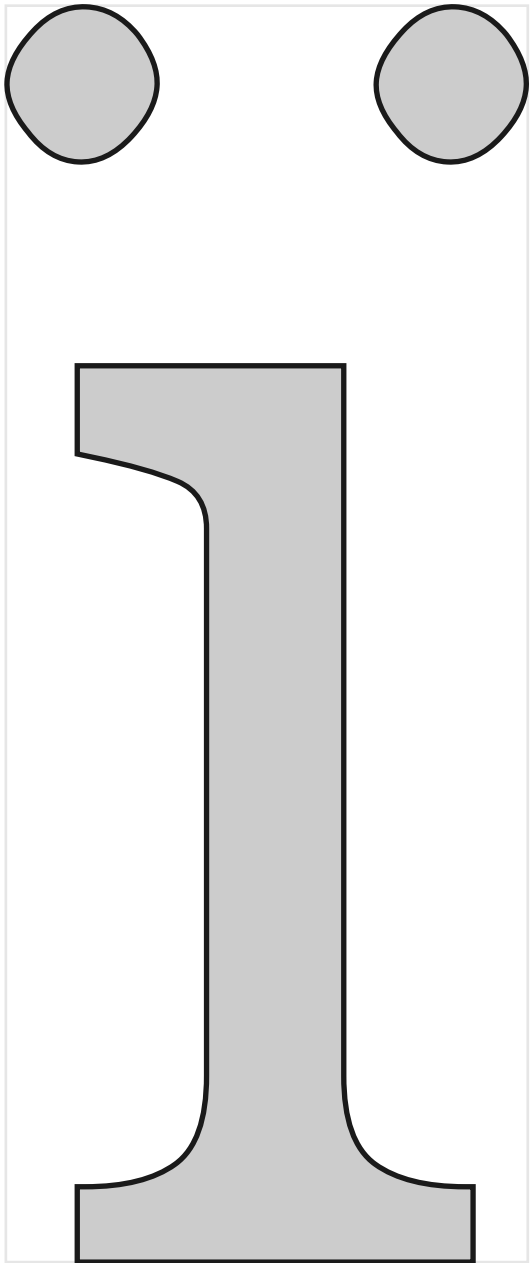


'GRAD=100.0 opsz=144.0 wdth=150.0'

proposed fix

# Glyph name: idieresis

## wrong_start_point

’opsz=8.0’

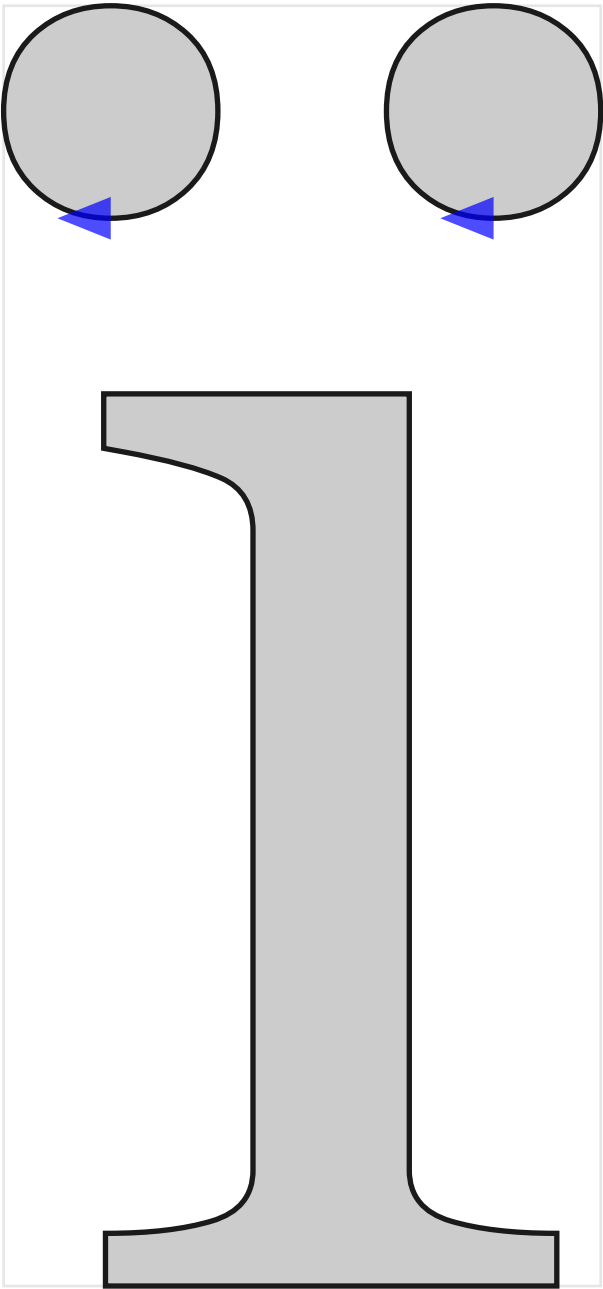midway interpolation

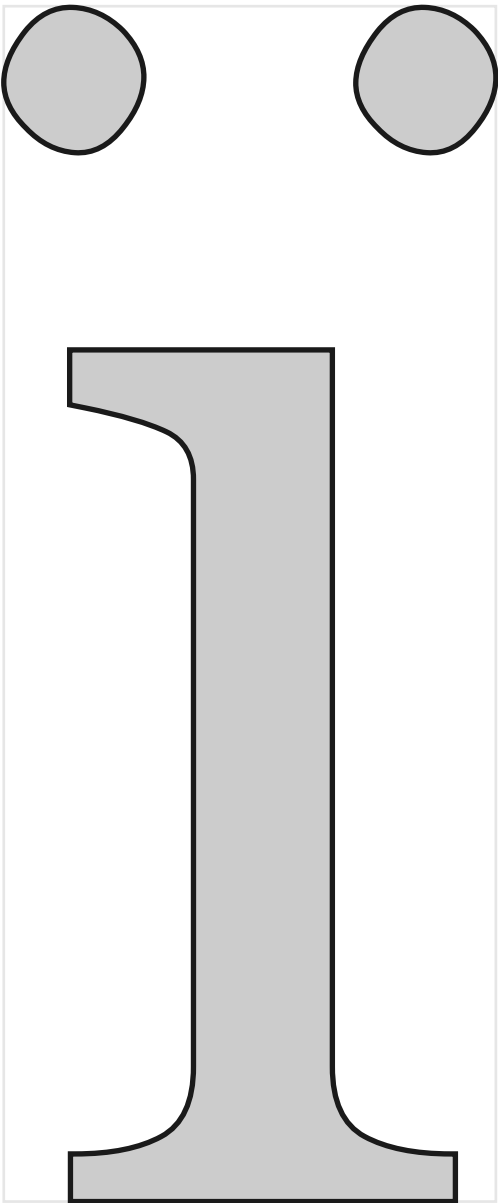’opsz=8.0 wdth=50.0’
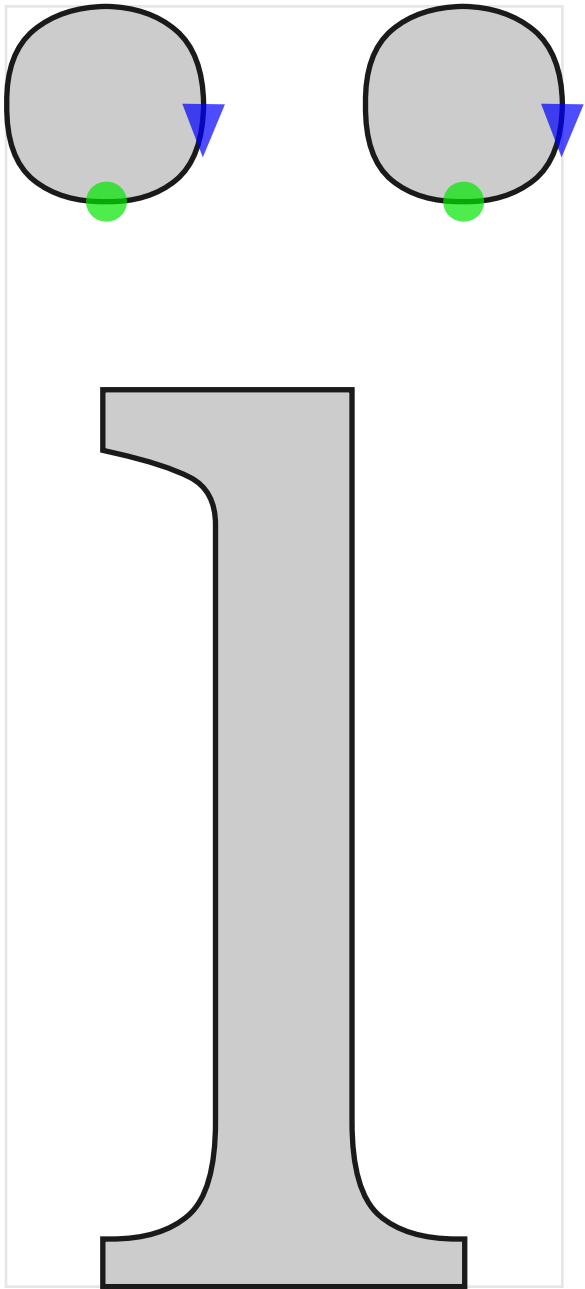
proposed fix

# Glyph name: idieresis

## wrong_start_point

'GRAD=−50.0'
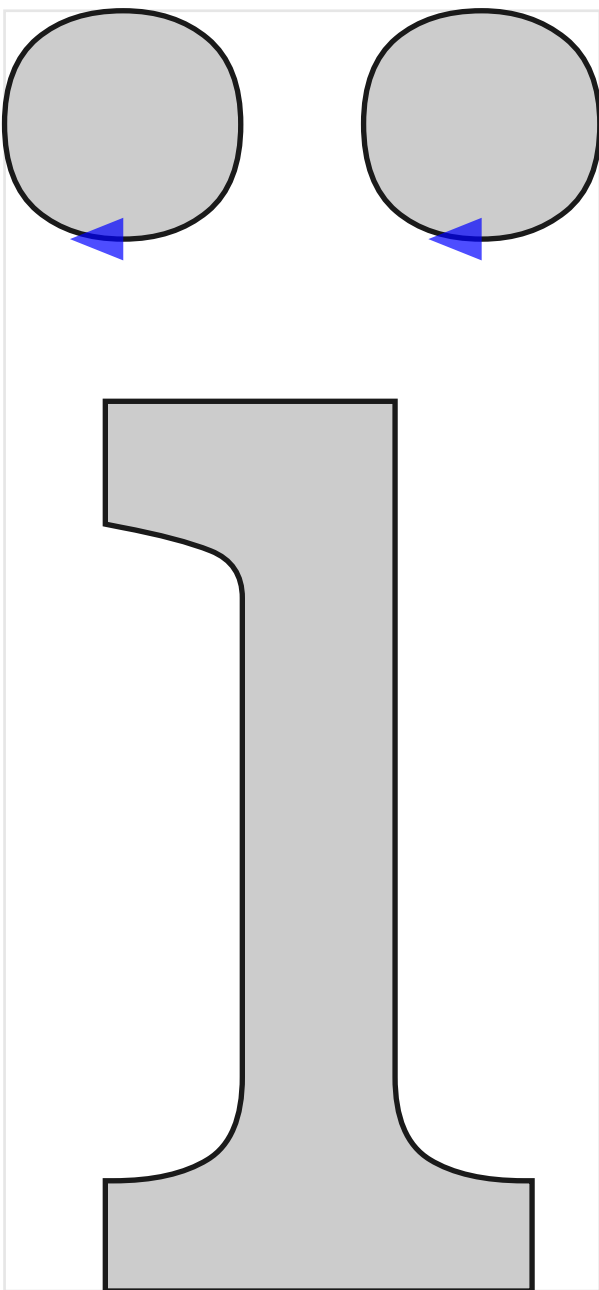
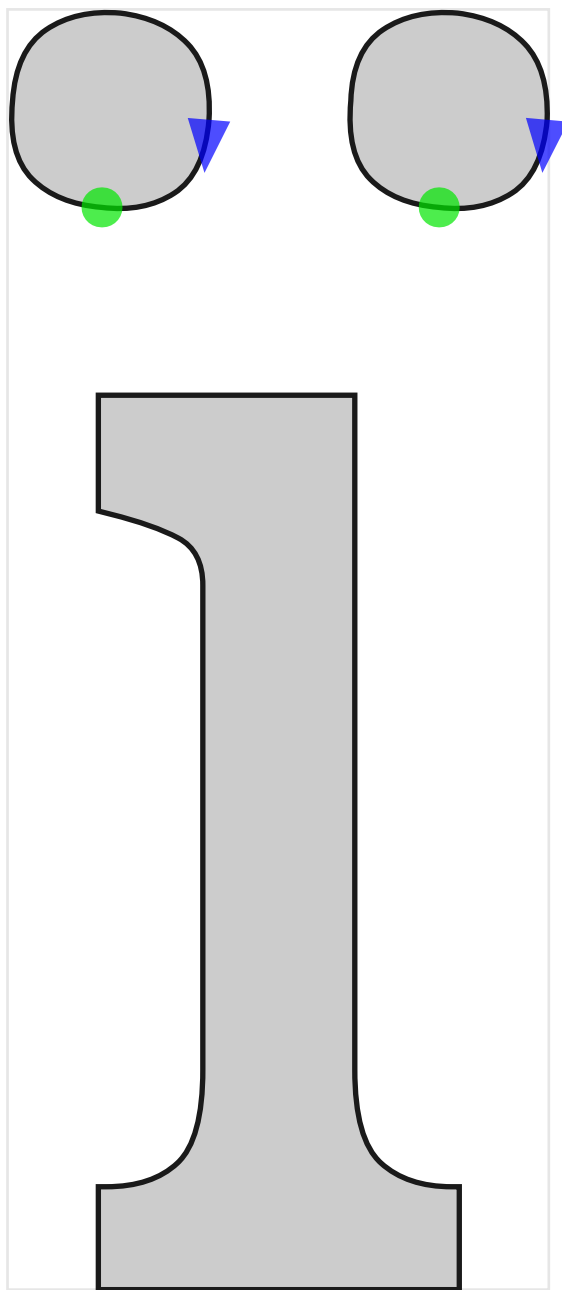midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0'

proposed fix

# Glyph name: idieresis

## wrong_start_point

'GRAD=100.0 opsz=8.0'

midway interpolation

'GRAD=100.0 opsz=8.0 wdth=50.0'

proposed fix

# Glyph name: idieresis
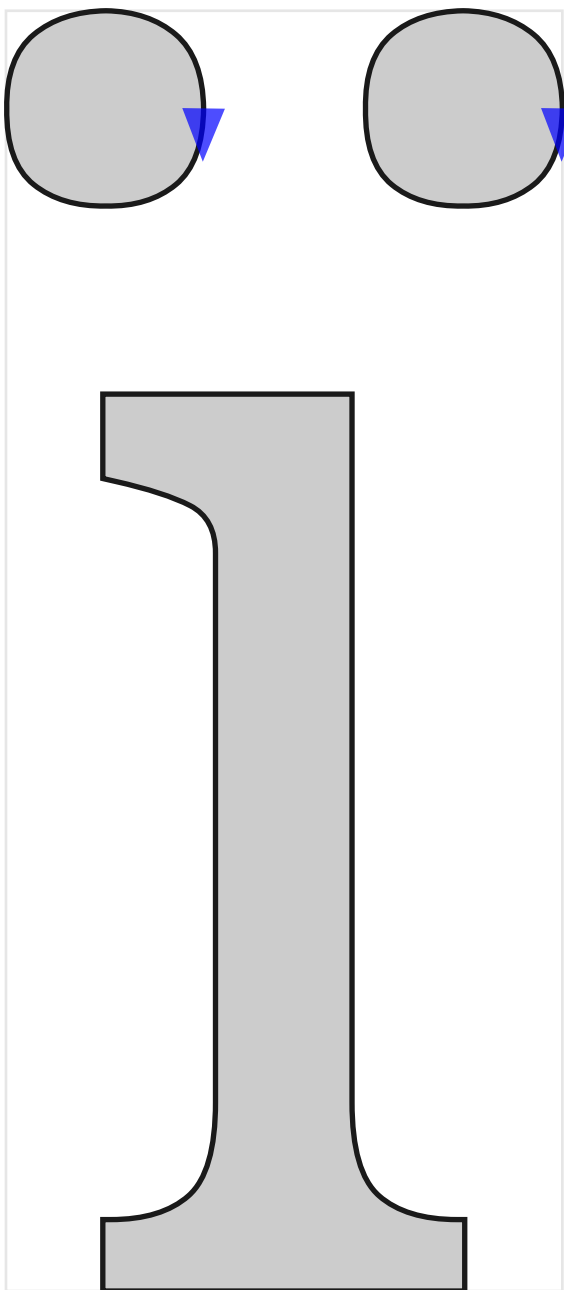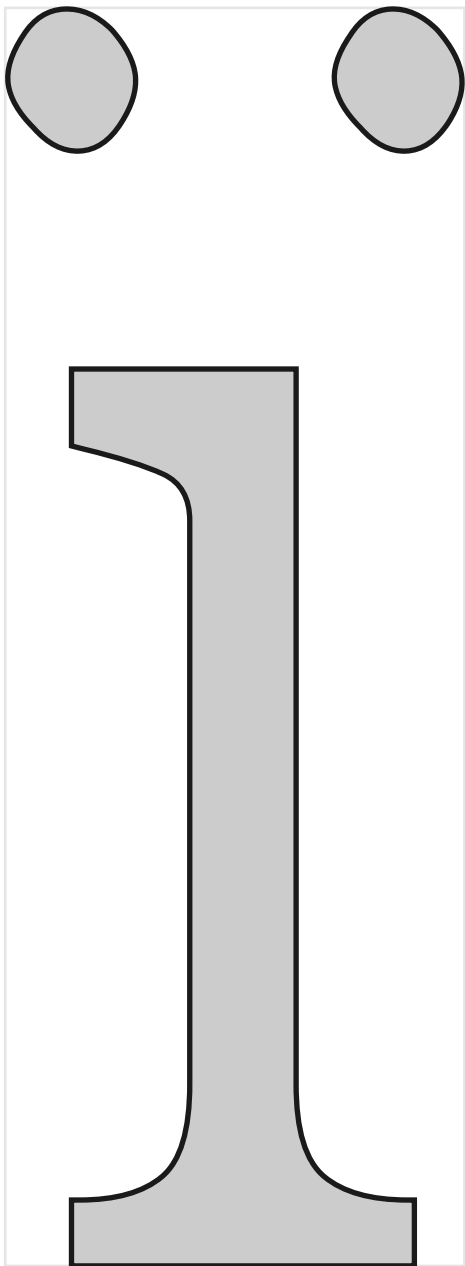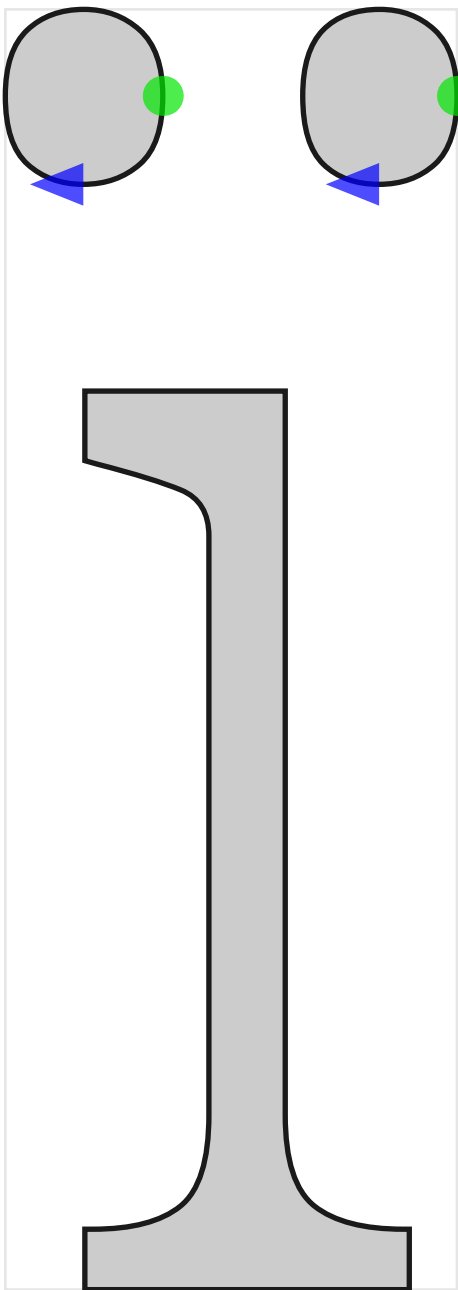
## wrong_start_point

'opsz=8.0 wdth=50.0'

midway interpolation

'opsz=8.0 wdth=50.0 wght=100.0'

proposed fix

# Glyph name: idieresis

tolerance: 0.17

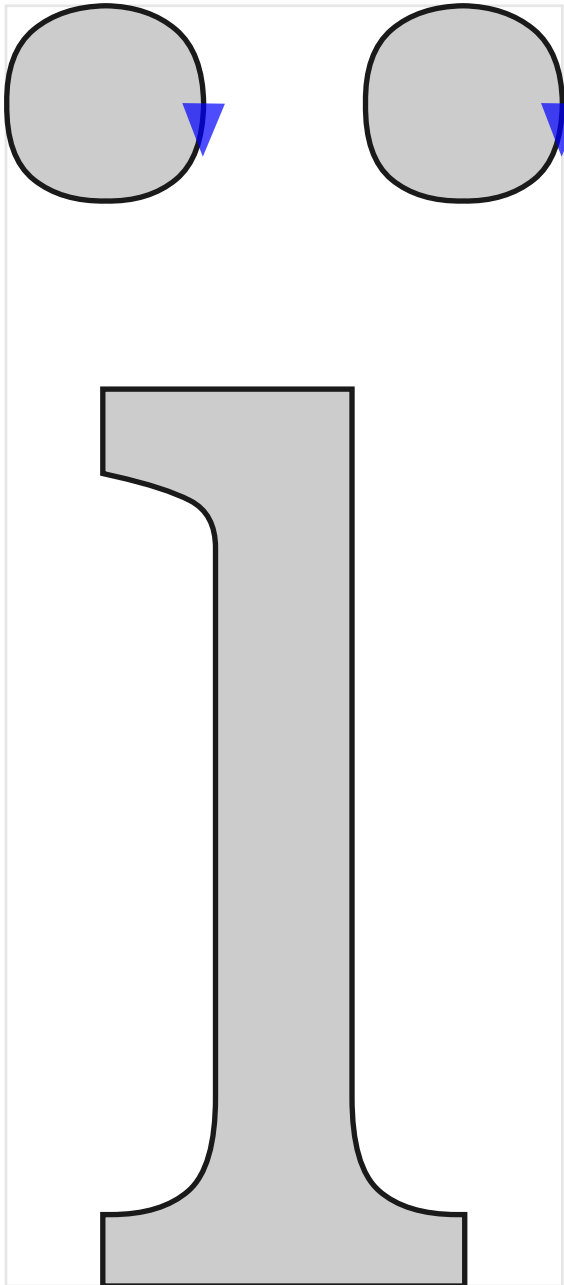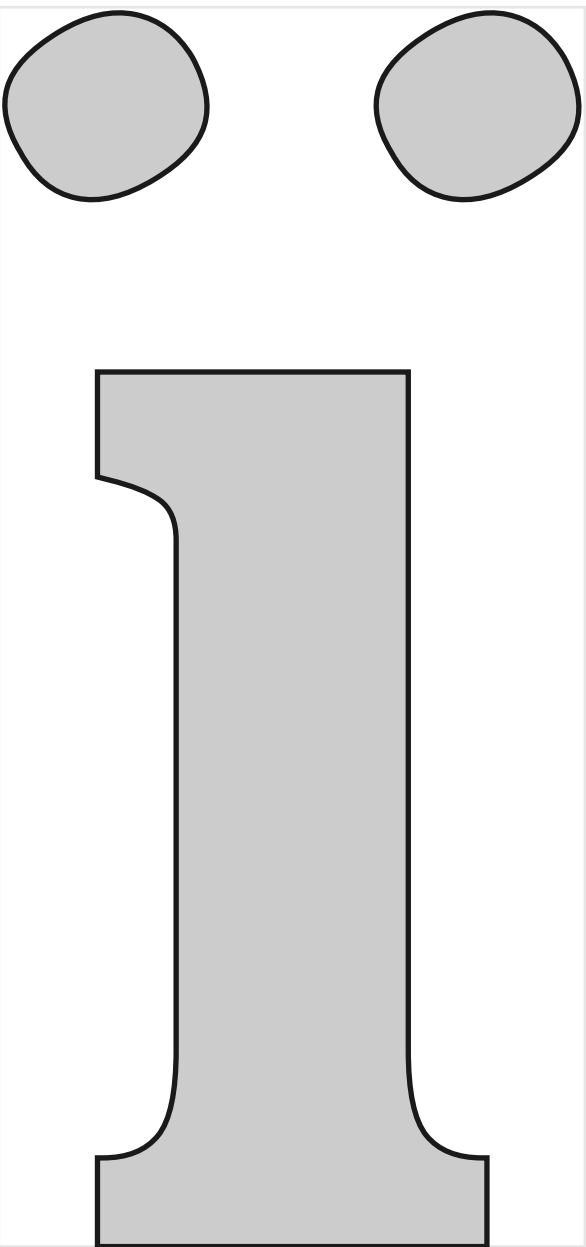## wrong_start_point
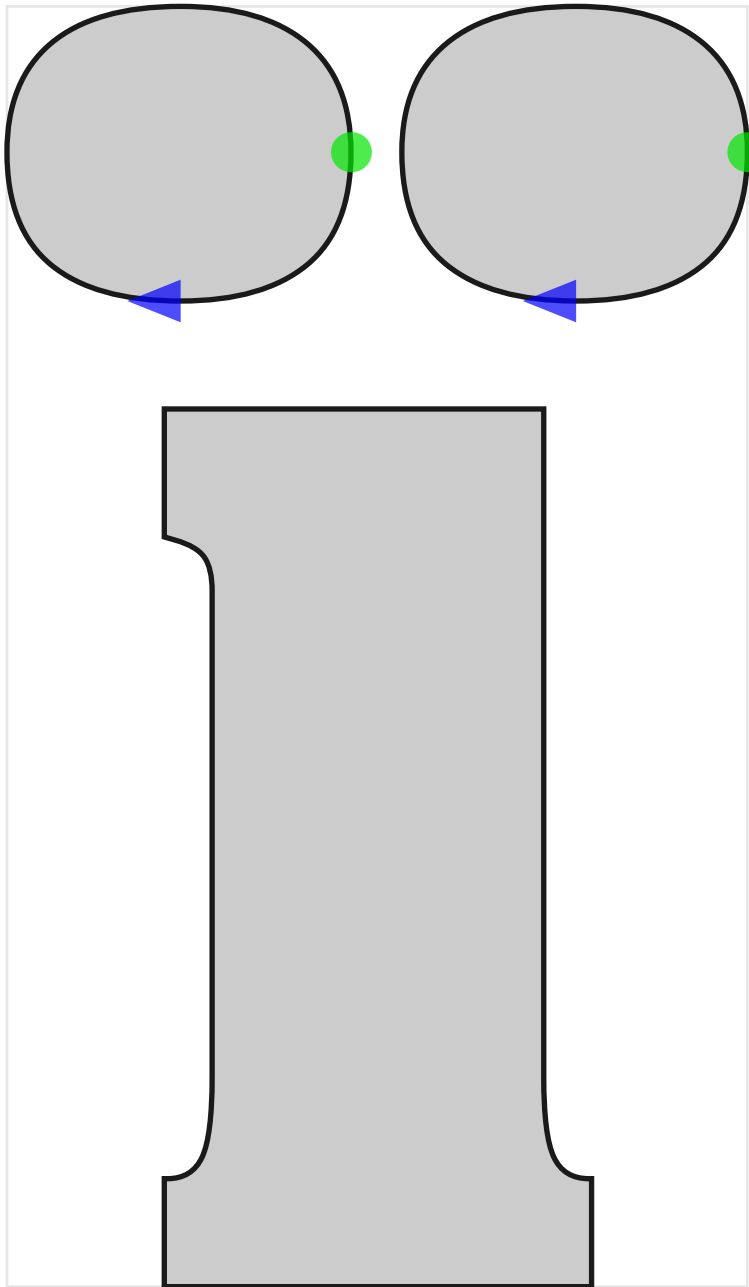
'opsz=8.0 wdth=50.0'

midway interpolation

'opsz=8.0 wdth=50.0 wght=900.0'

proposed fix

# Glyph name: idieresis

tolerance: 0.04

## wrong_start_point

'GRAD=−50.0 opsz=8.0 wdth=50.0'
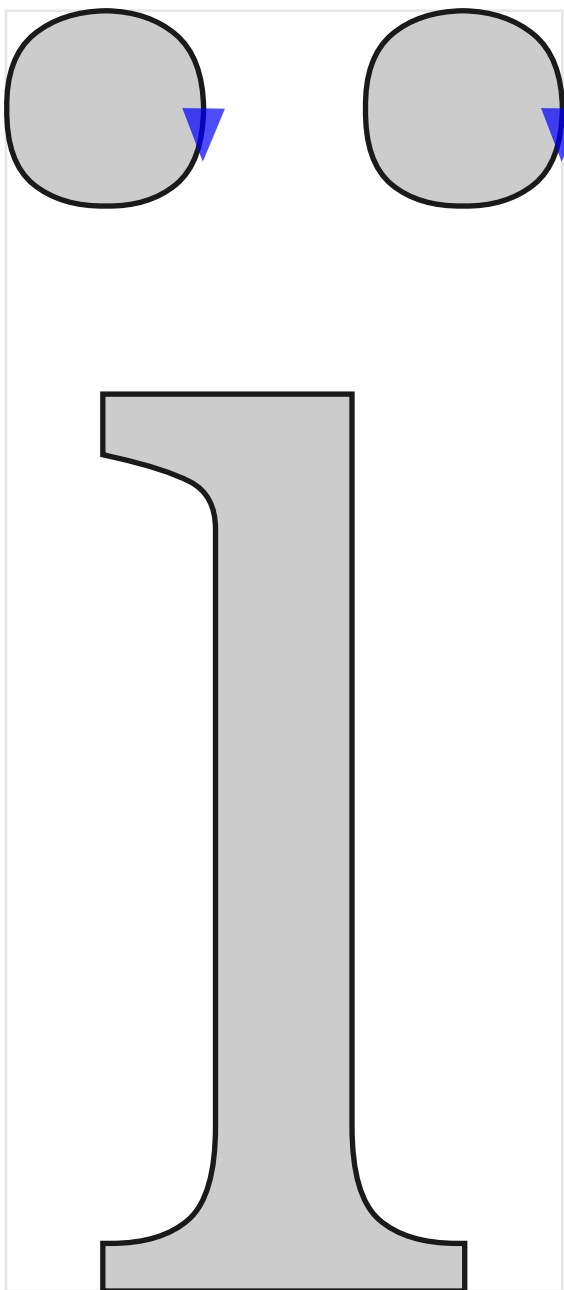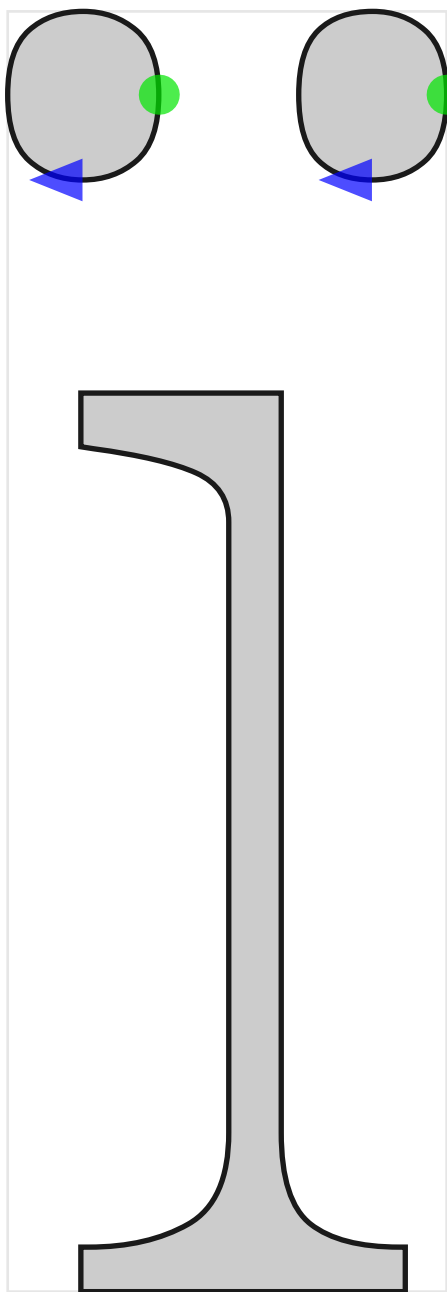
midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=100.0'

proposed fix

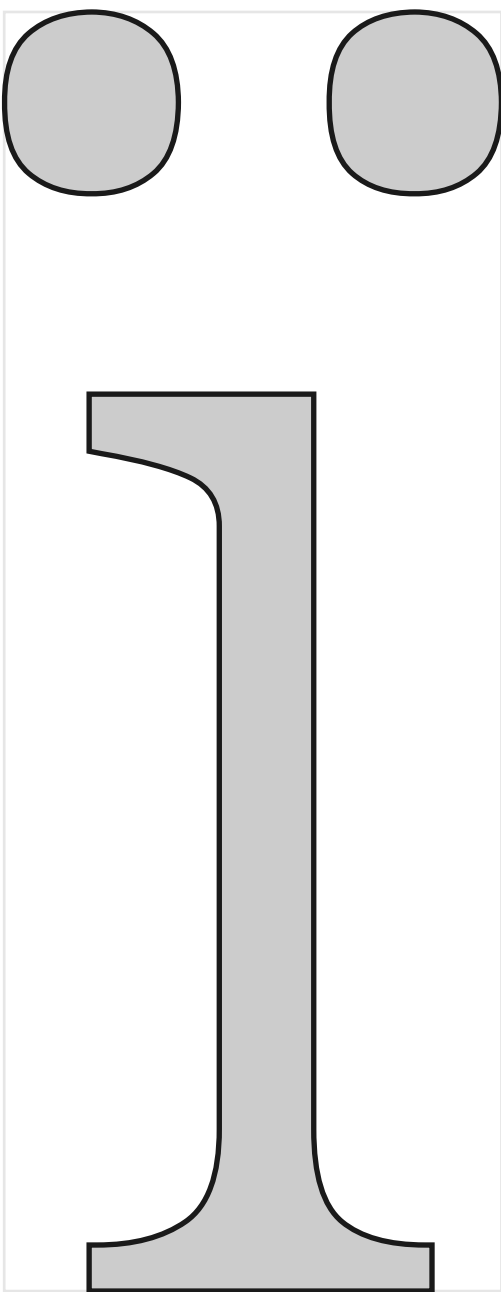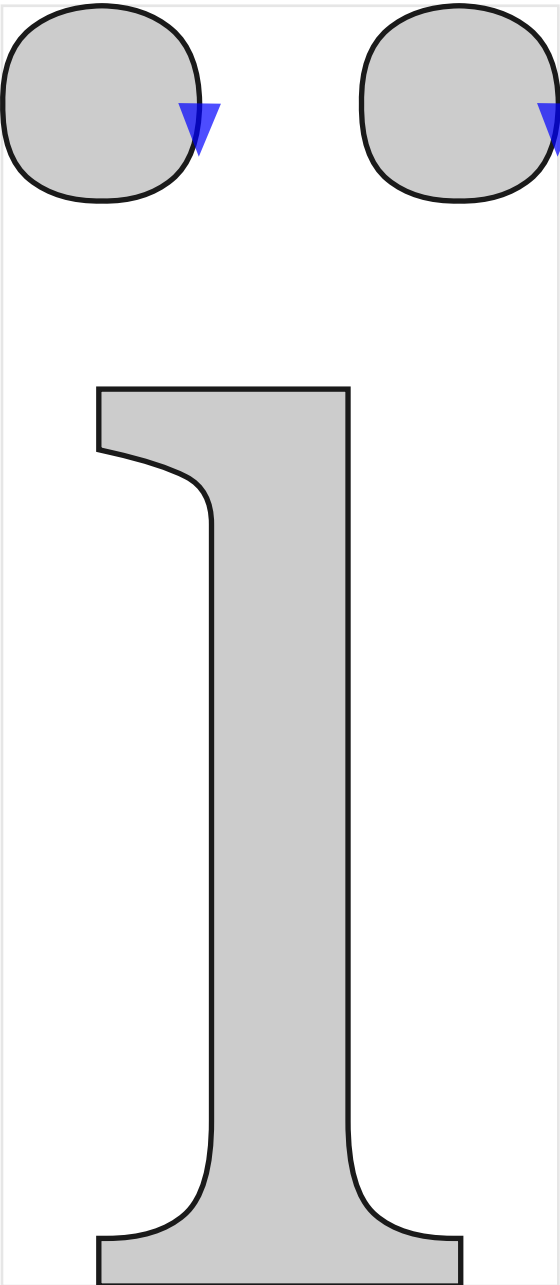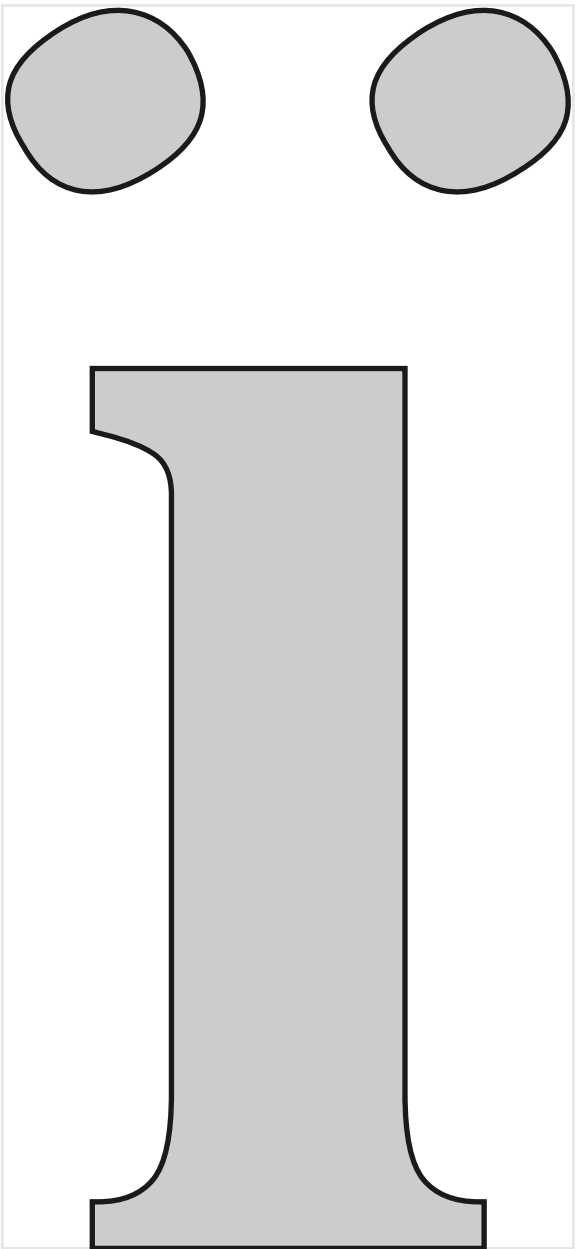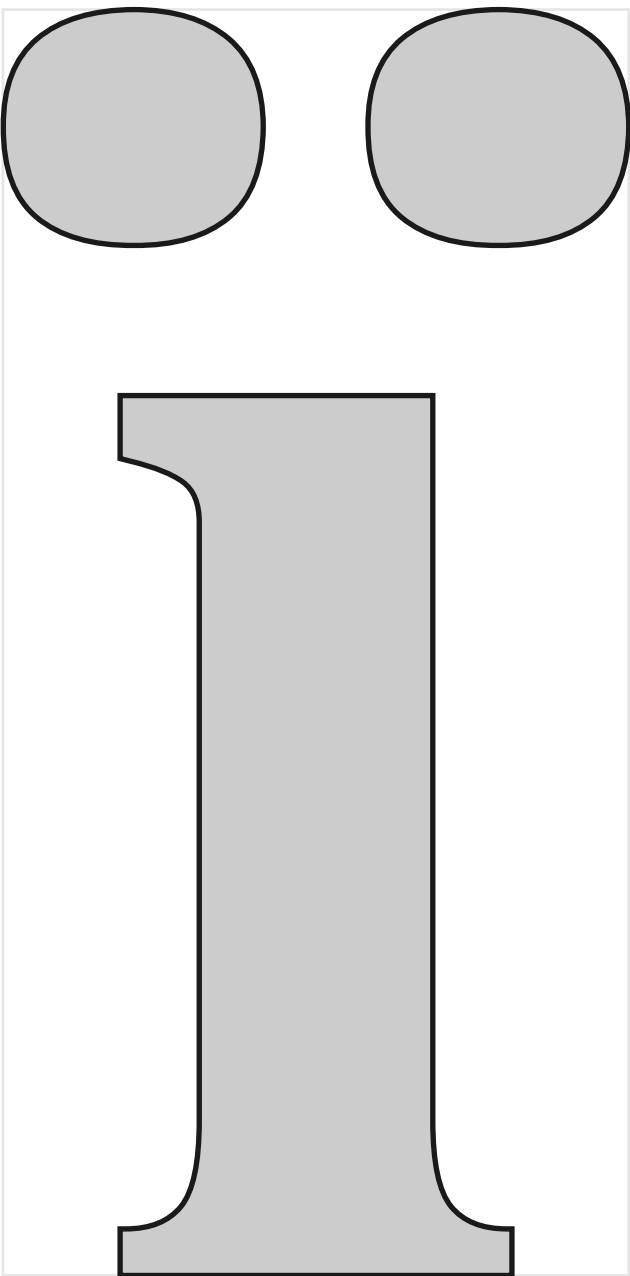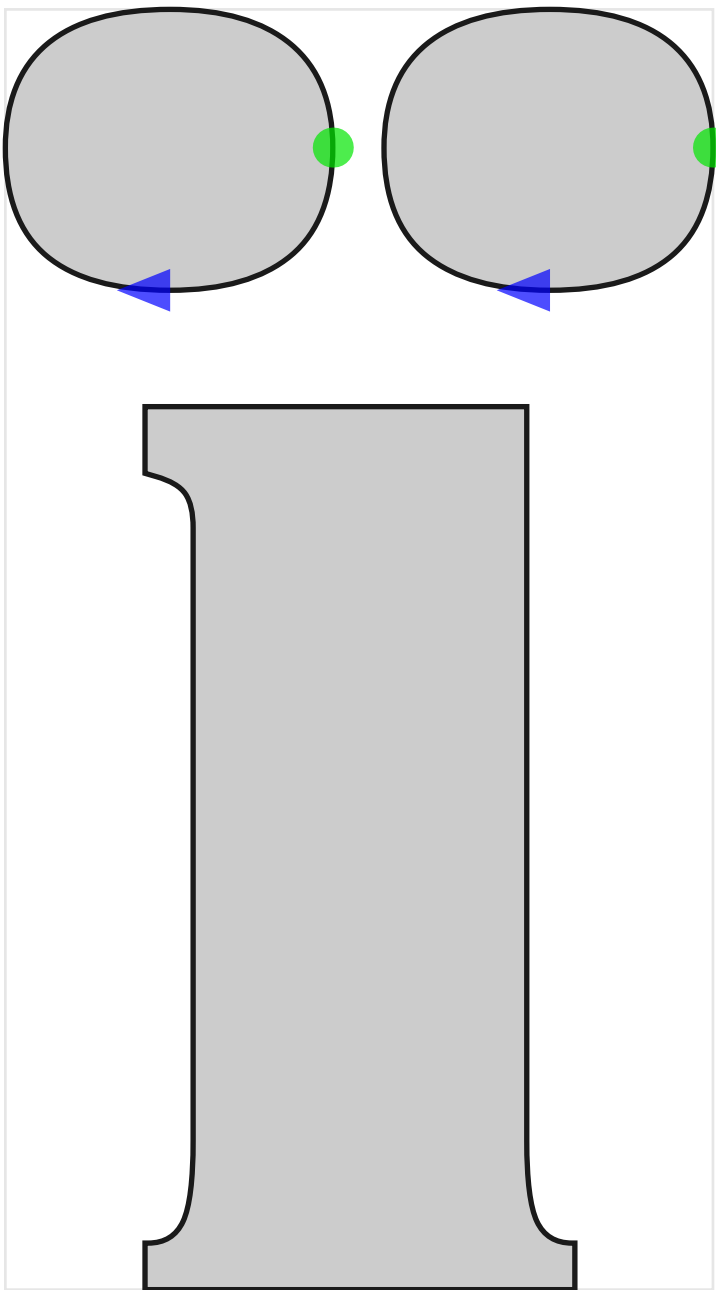## wrong_start_point
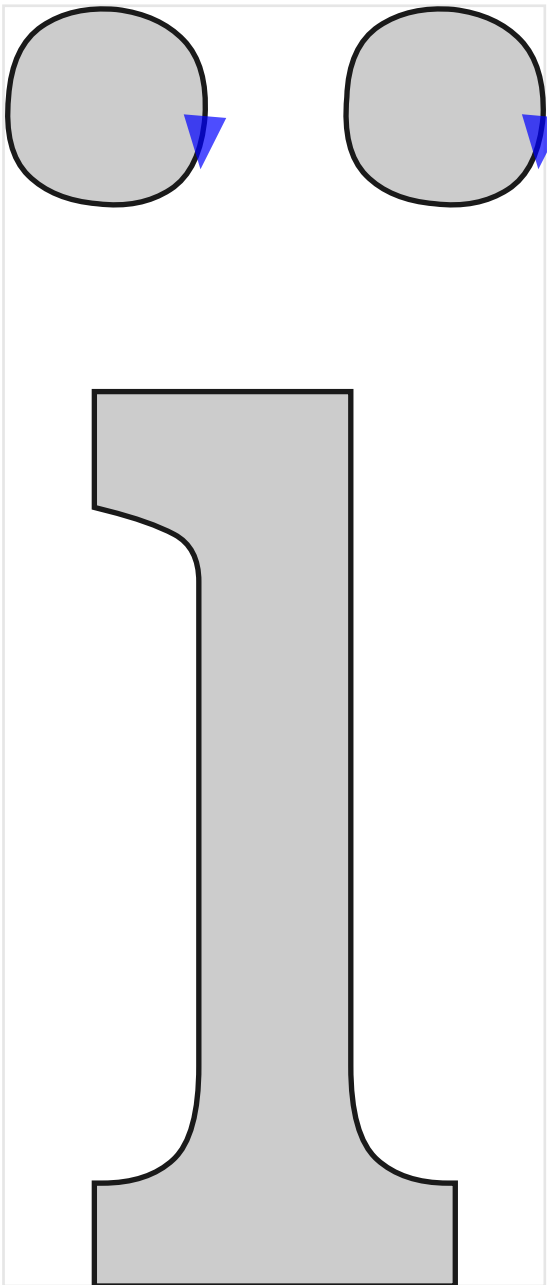
'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation
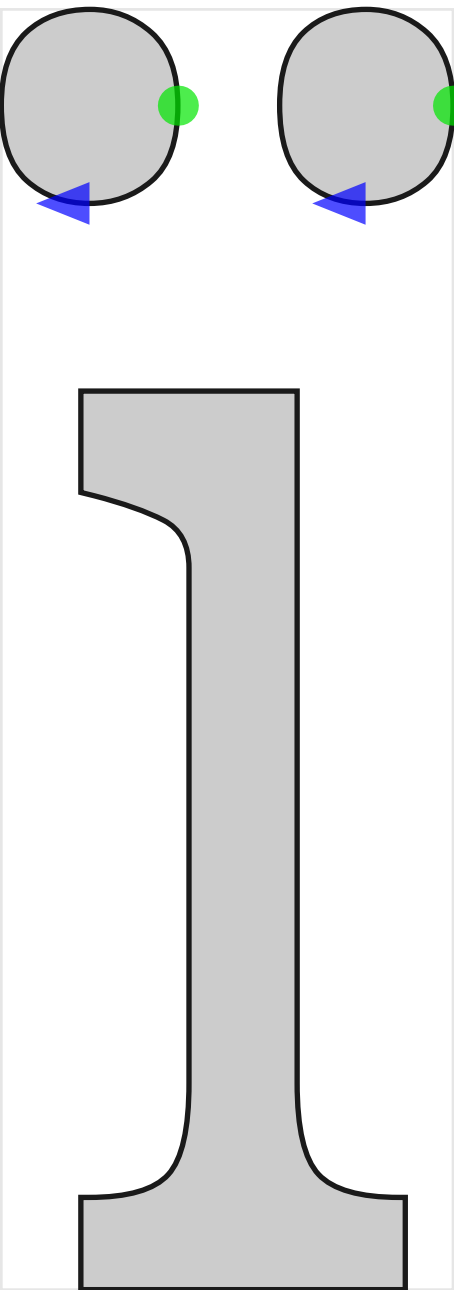
'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'

proposed fix

# Glyph name: idieresis

## wrong_start_point

'GRAD=100.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=100.0 opsz=8.0 wdth=50.0 wght=100.0'

proposed fix

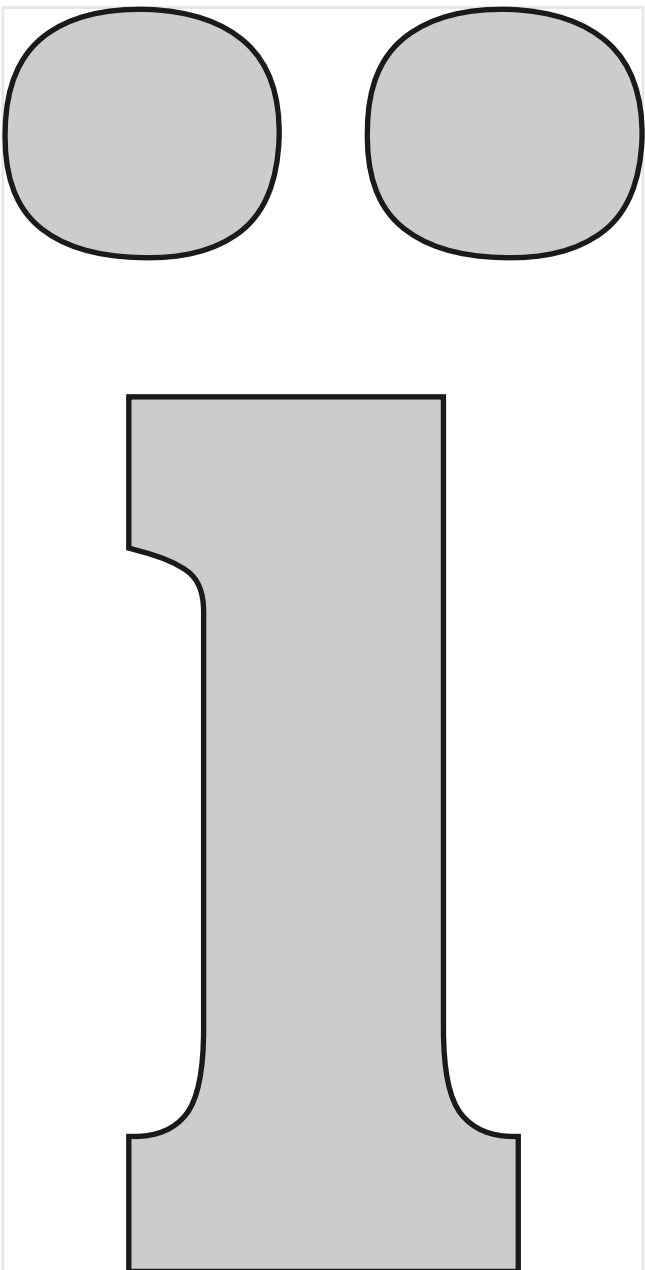# Glyph name: idieresis

tolerance: 0.21

## wrong_start_point

'GRAD=100.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=100.0 opsz=8.0 wdth=50.0 wght=900.0'

proposed fix

# Glyph name: idieresisacute
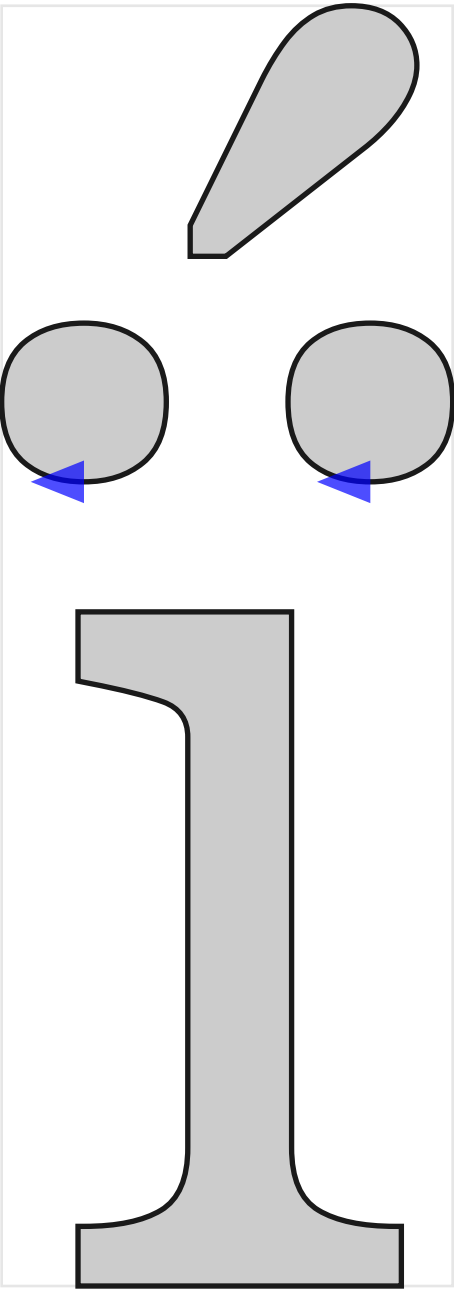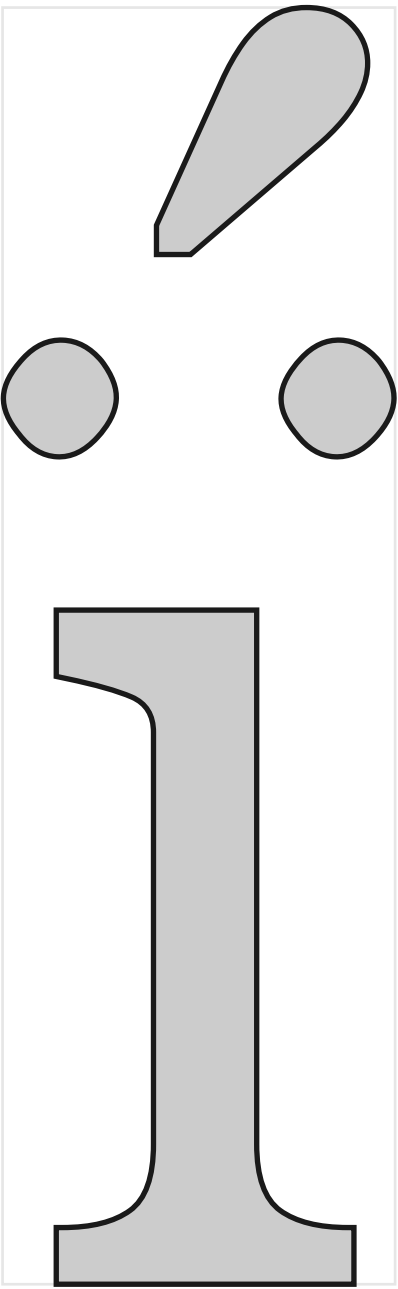
## wrong_start_point
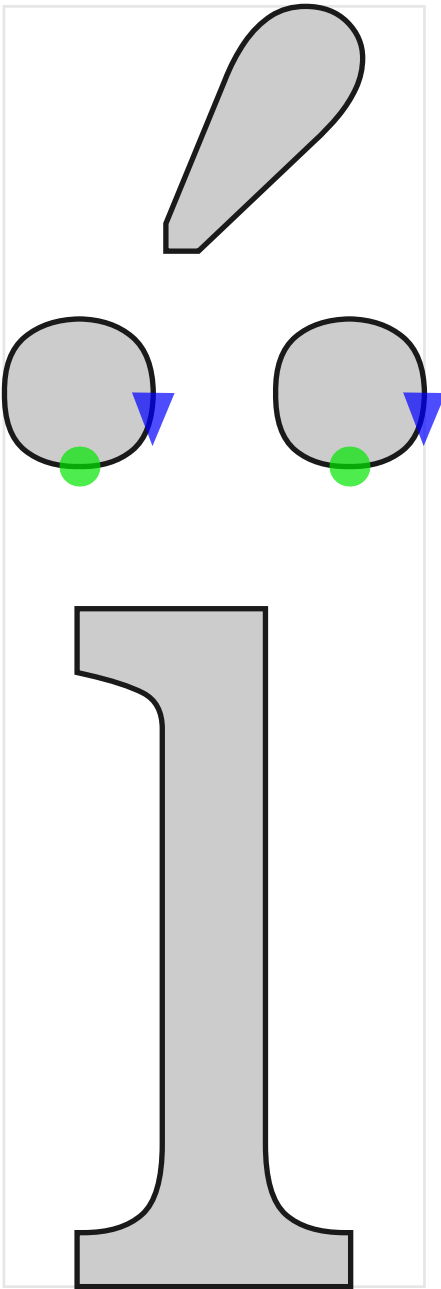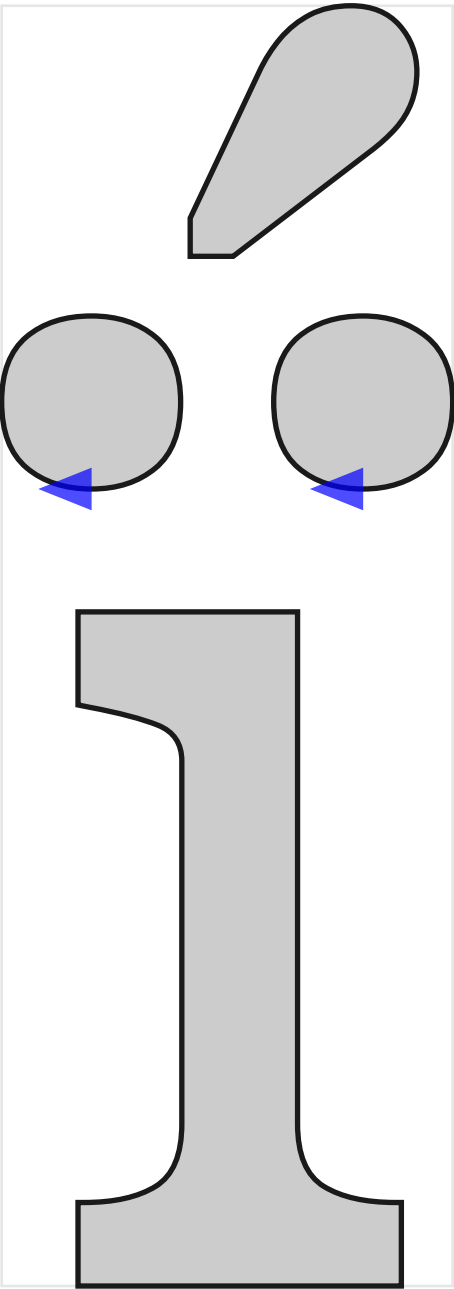
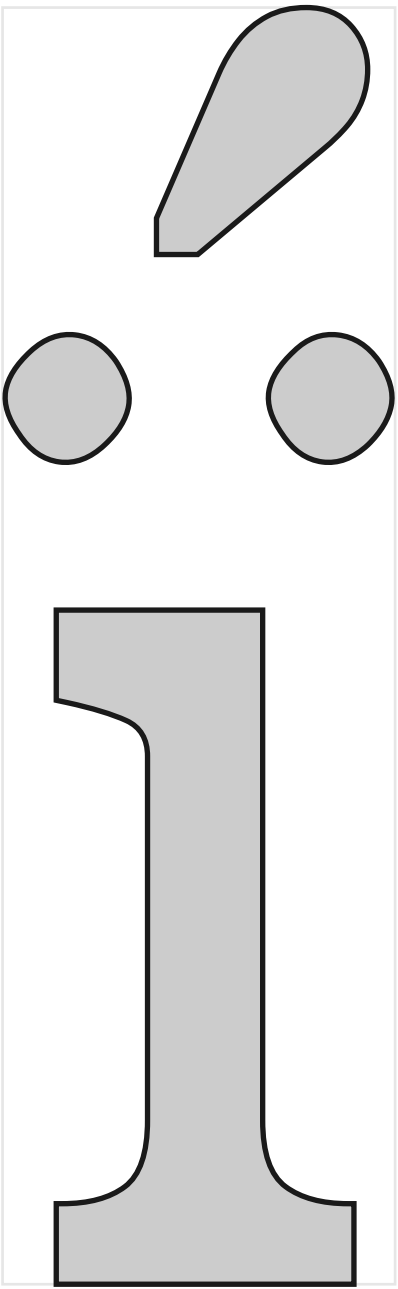'opsz=8.0'

midway interpolation

'opsz=8.0 wdth=50.0'

proposed fix

# Glyph name: idieresisacute

## wrong_start_point
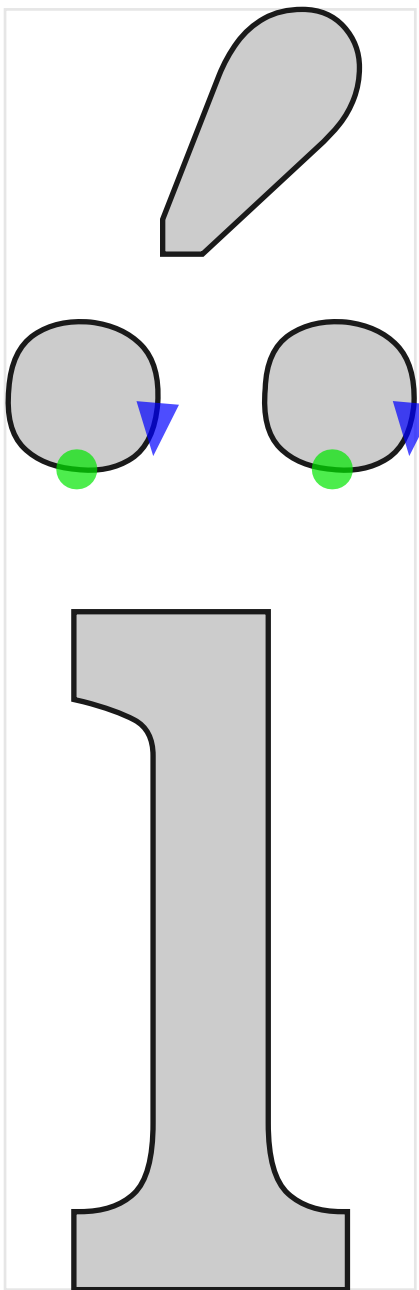
'GRAD=100.0 opsz=8.0'

midway interpolation

'GRAD=100.0 opsz=8.0 wdth=50.0'

proposed fix

# Glyph name: idieresisacute



**tolerance: 0.03**

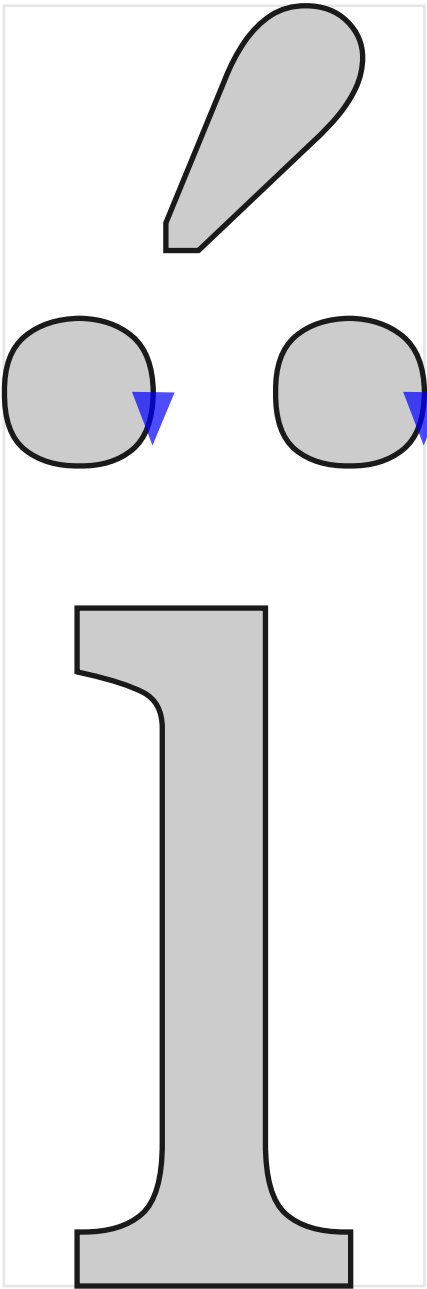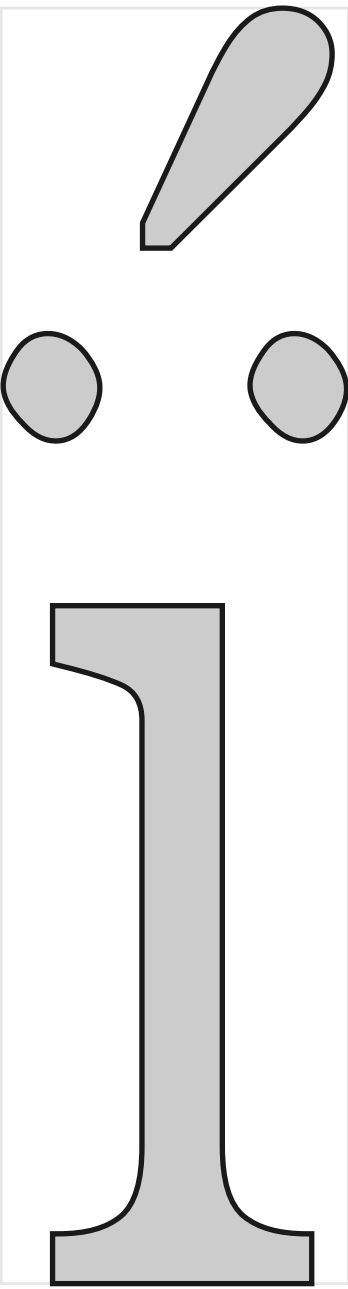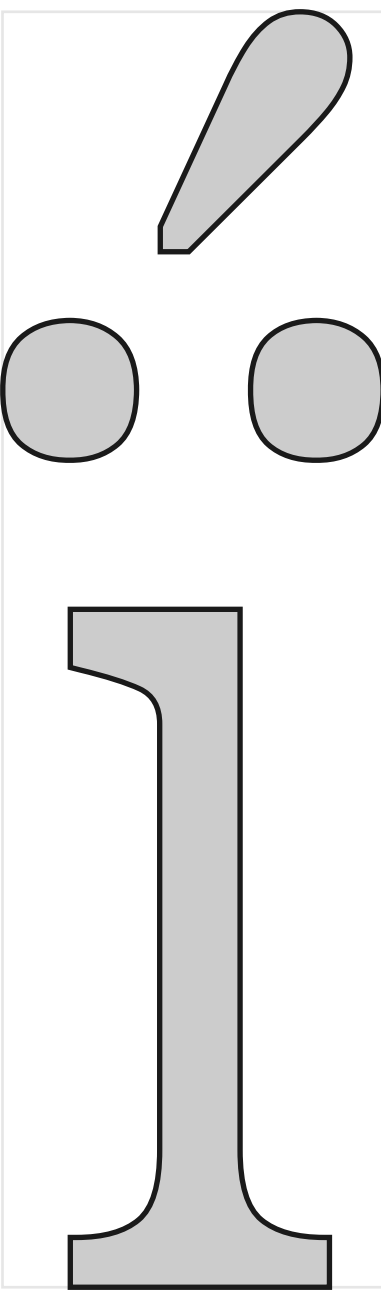## wrong_start_point

'opsz=8.0 wdth=50.0'

midway interpolation

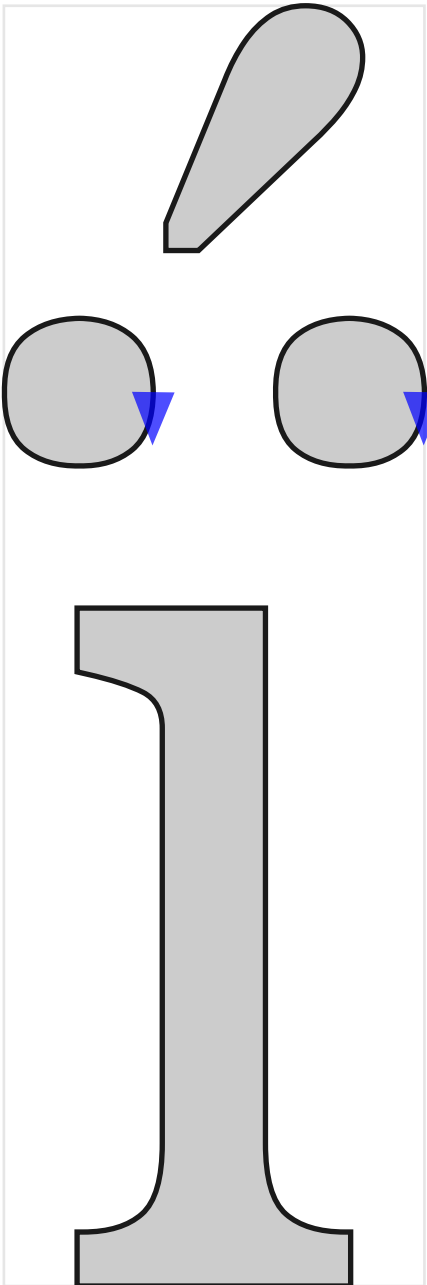'opsz=8.0 wdth=50.0 wght=100.0'

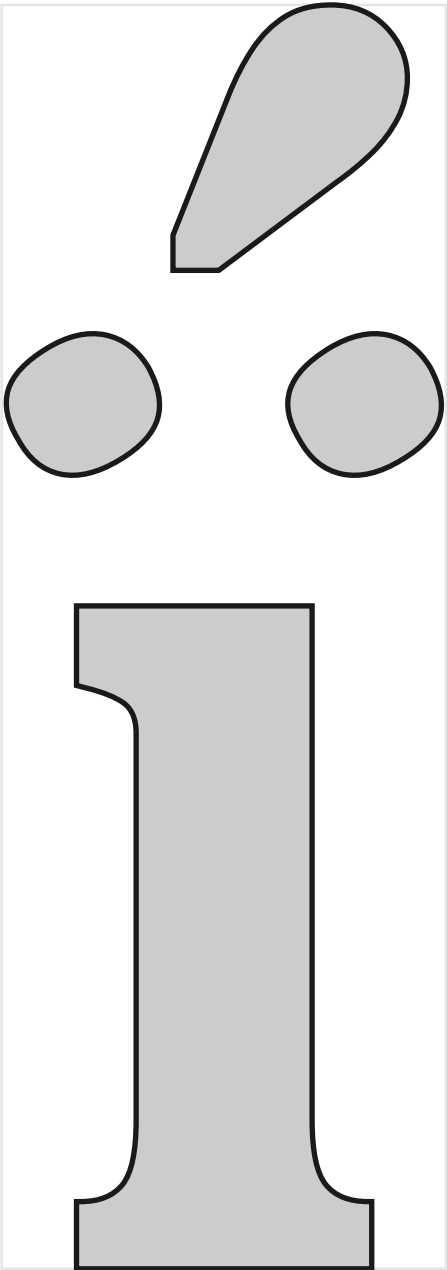proposed fix

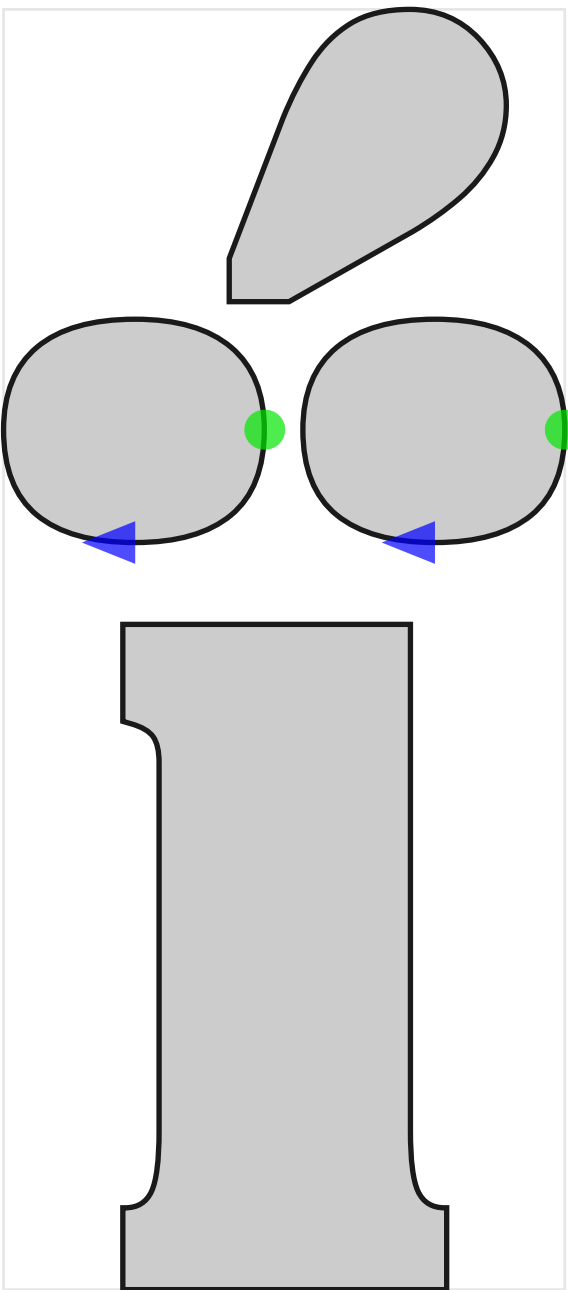# Glyph name: idieresisacute

tolerance: 0.17

## wrong_start_point

'opsz=8.0 wdth=50.0'

midway interpolation

'opsz=8.0 wdth=50.0 wght=900.0'

proposed fix

# Glyph name: idieresisacute

tolerance: 0.02

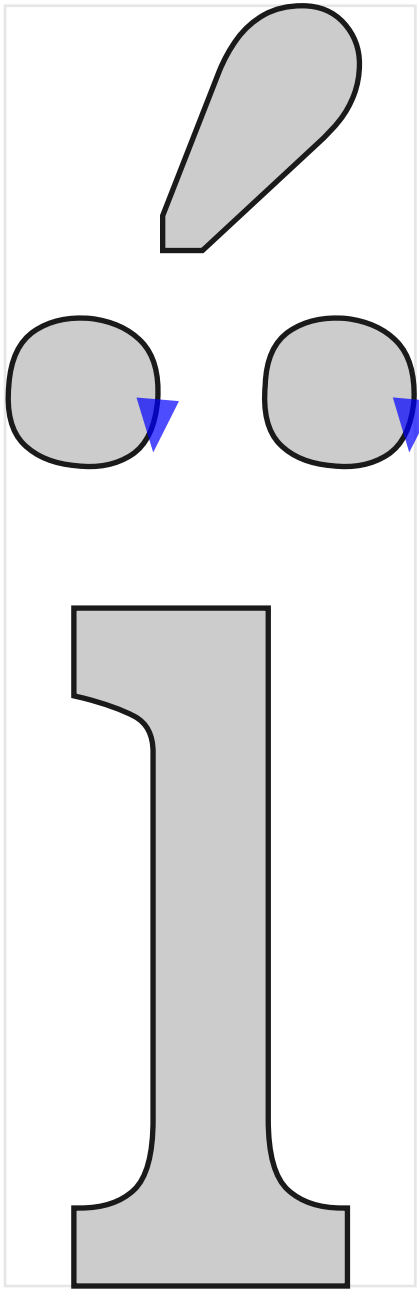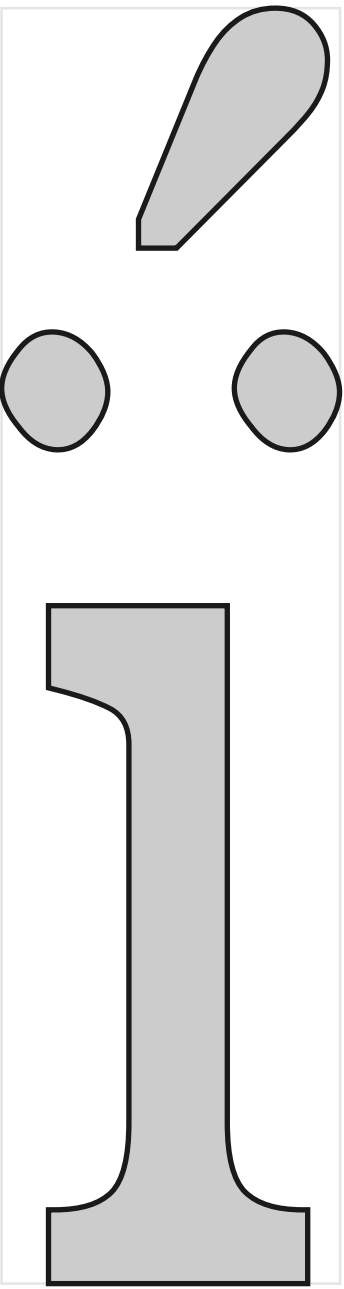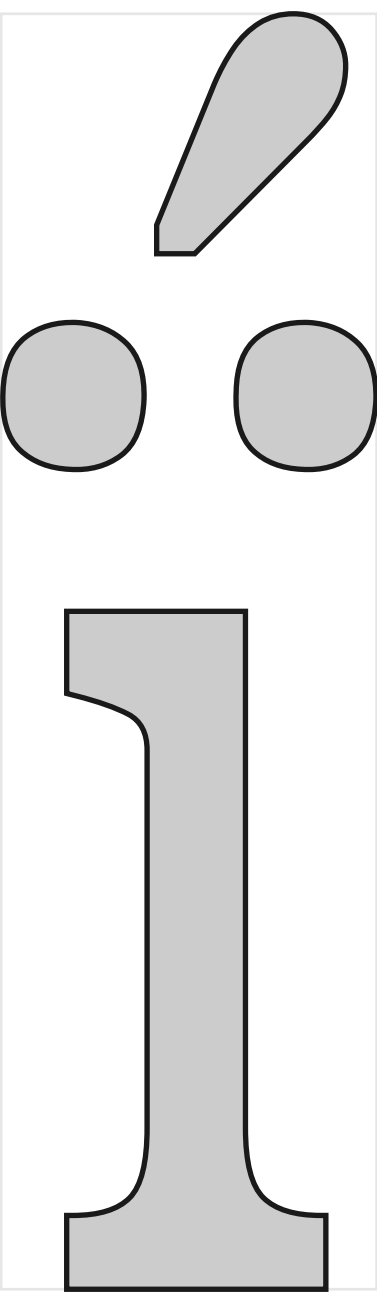## wrong_start_point

'GRAD=100.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=100.0 opsz=8.0 wdth=50.0 wght=100.0'

proposed fix

# Glyph name: idieresisacute

## wrong_start_point

'GRAD=100.0 opsz=8.0 wdth=50.0'

midway interpolation
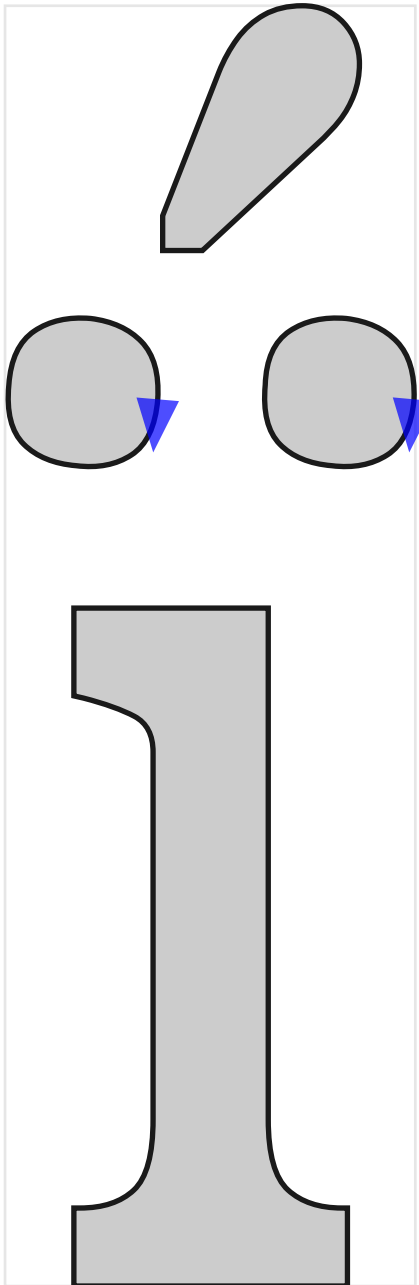
'GRAD=100.0 opsz=8.0 wdth=50.0 wght=900.0'

proposed fix
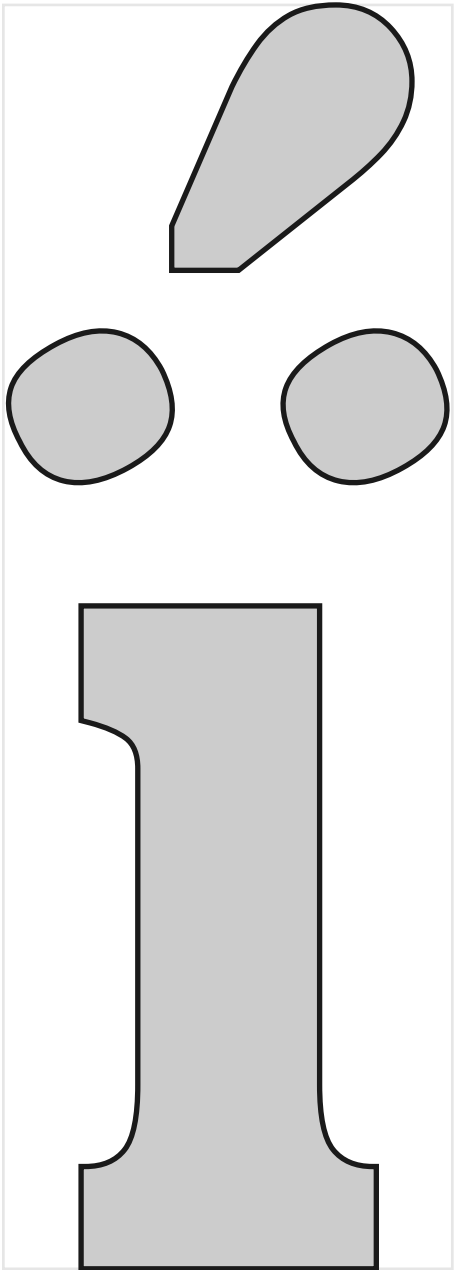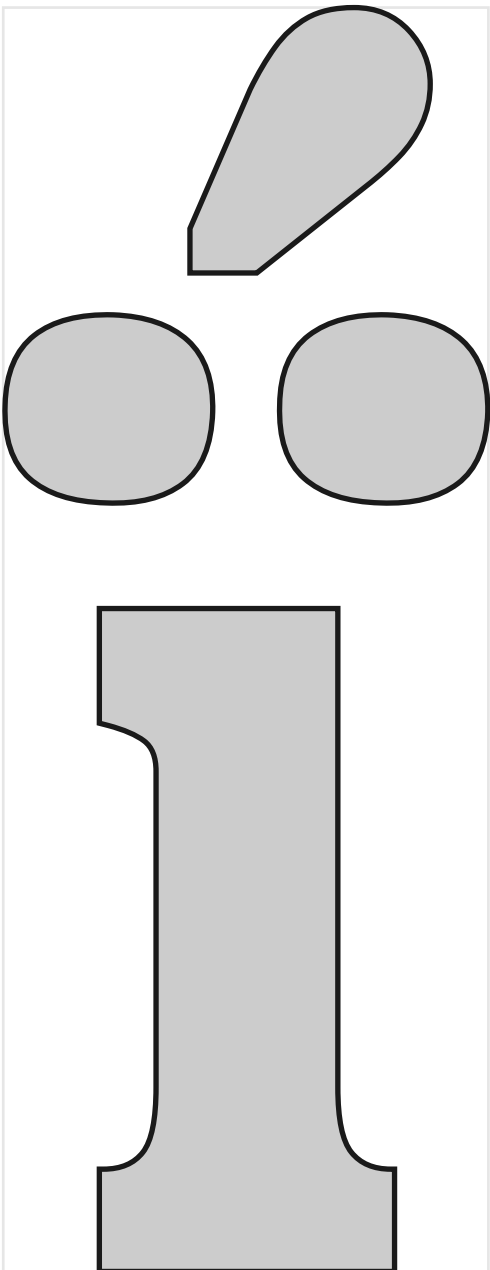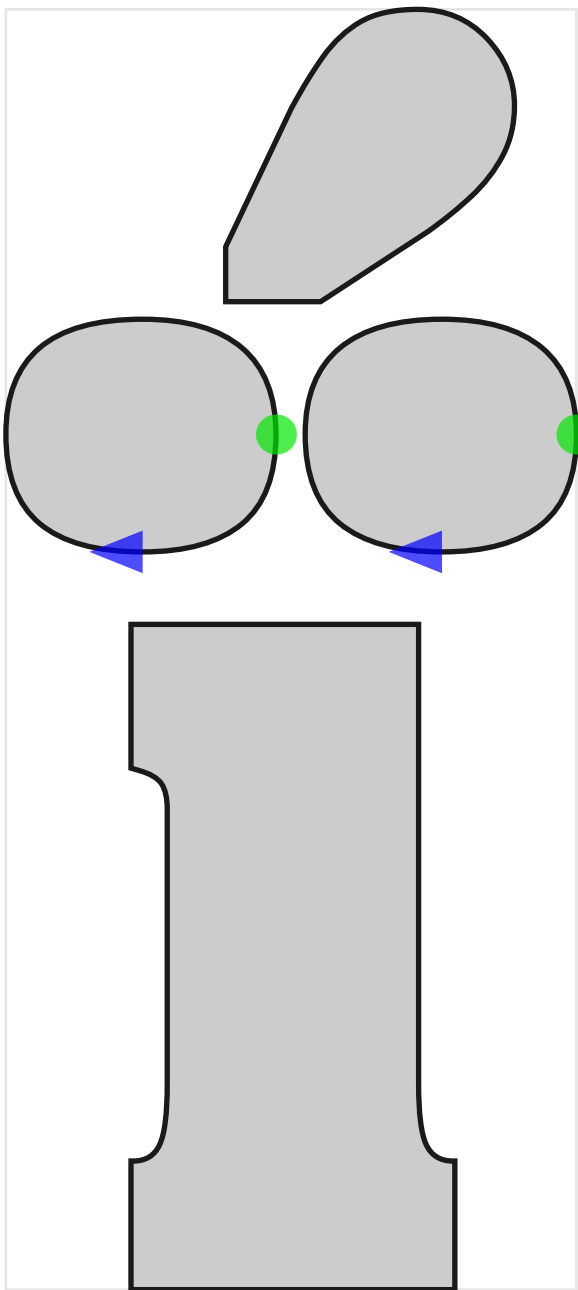
# Glyph name: yukrcyr

## contour_order

'GRAD=100.0'

midway interpolation

'GRAD=100.0 wght=100.0'

proposed fix

# Glyph name: zero.slashlin

tolerance: 0.07

## wrong_start_point
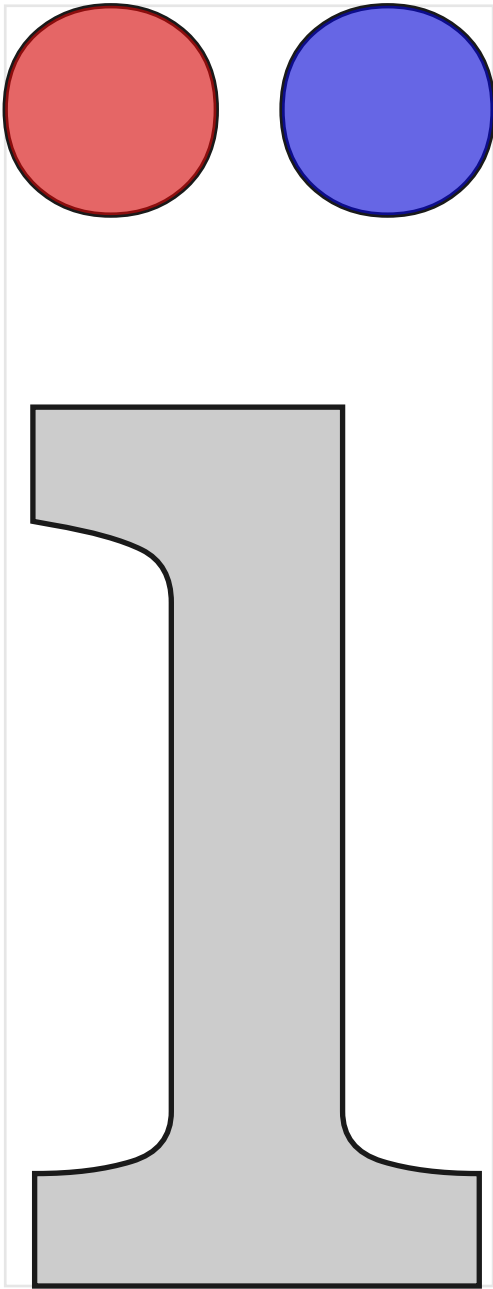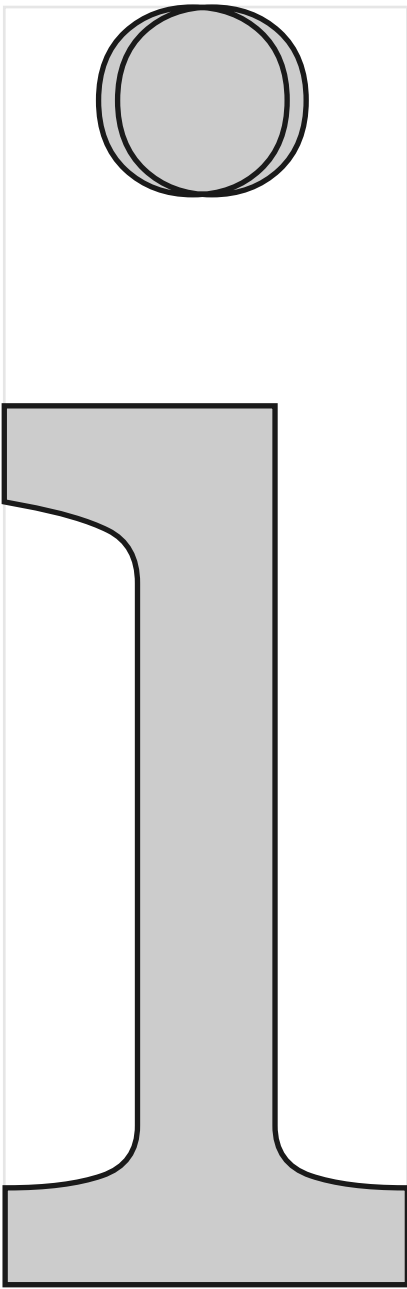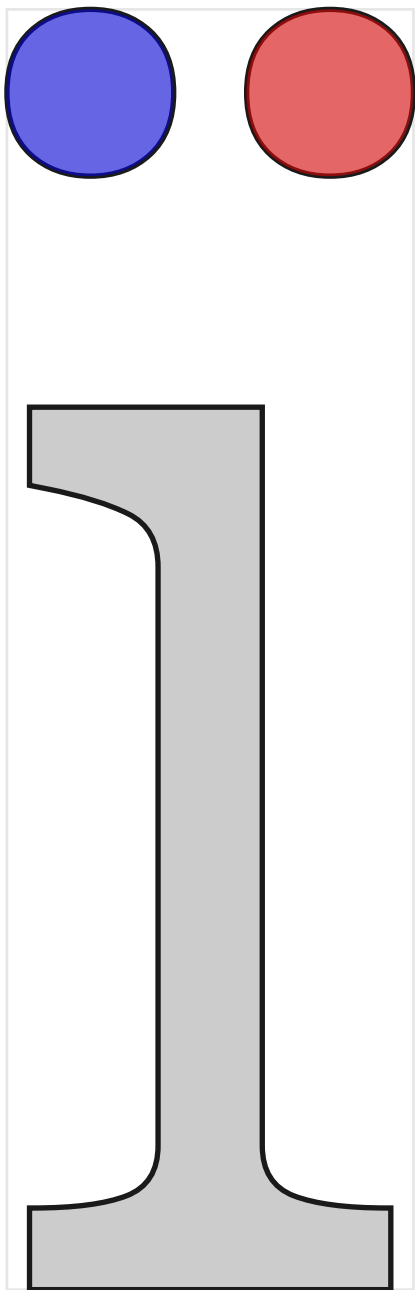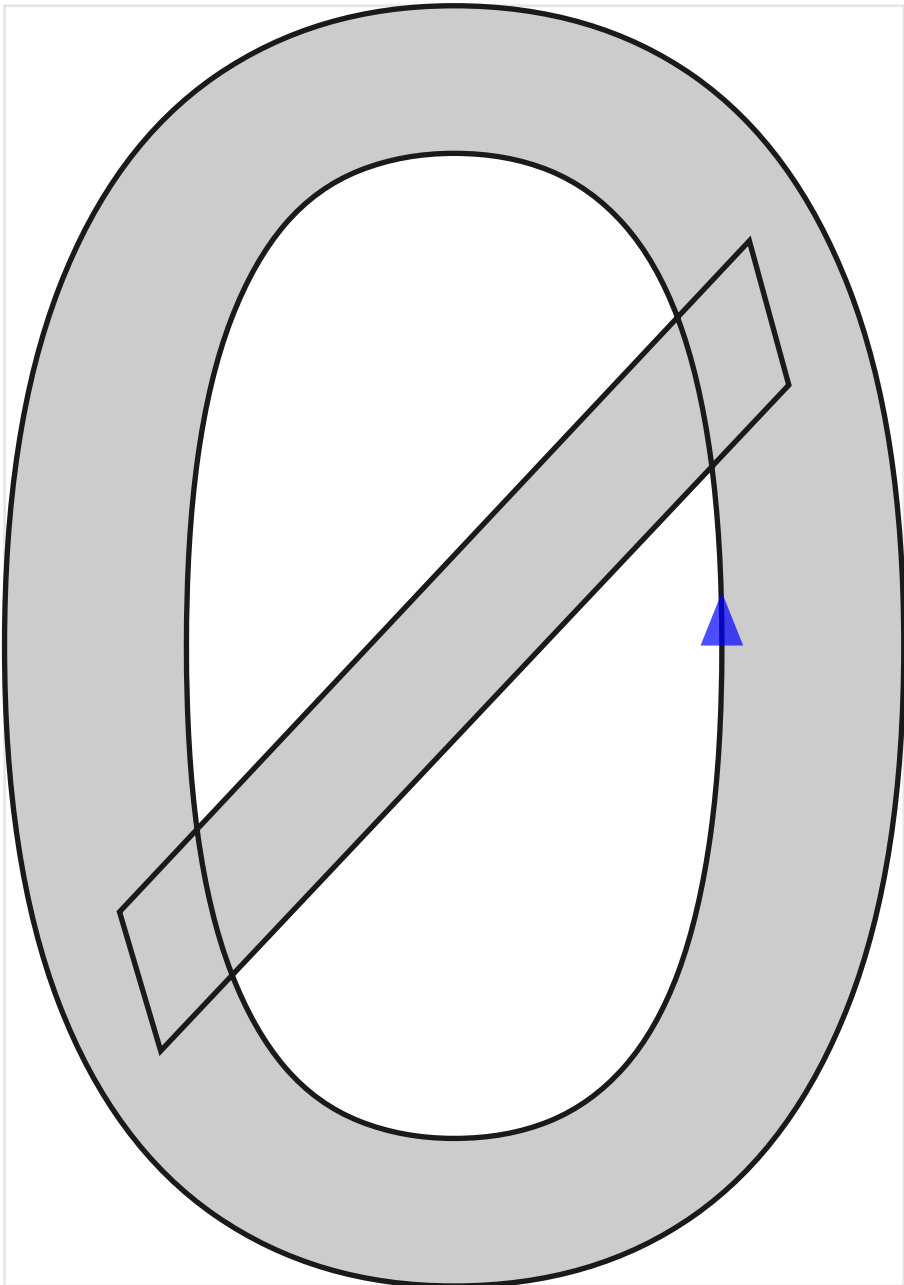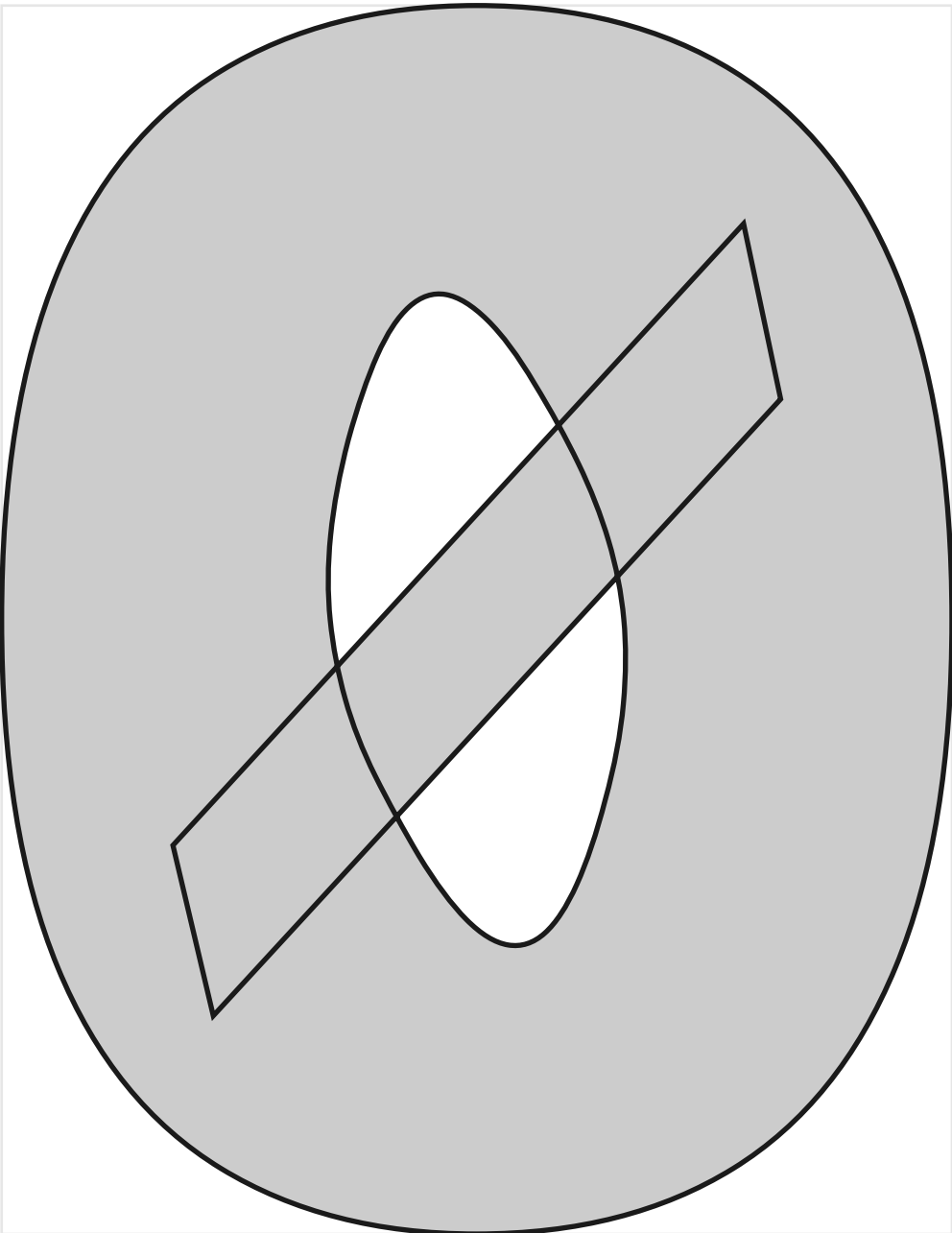
'GRAD=100.0 opsz=8.0 wdth=150.0'

midway interpolation

'GRAD=100.0 opsz=8.0 wdth=150.0 wght=900.0'

proposed fix