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

Summary of problems

contour_order: 2
    f_f_b.alt
    yukrcyr

wrong_start_point: 5
    divide
    dollar.altprop
    idieresis
    idieresisacute
    zero.slashlin

underweight: 30
    Acaron
    Ccaron
    Dcaron
    Ecaron
    Ecaron.alt
    Gcaron
    Icaron
    Ncaron
    Ocaron
    Rcaron
    Scaron
    Scarondotaccent
    Tcaron
    Ucaron
    Udieresiscaron
    Zcaron
    caron.uc
    caron_dotaccent.uc
    circumflex.uc
    circumflex_acute.uc
    circumflex_grave.uc
    circumflex_hook.uc
    circumflex_tilde
    circumflex_tilde.uc
    dieresis_caron.uc
    divide
    dollar.altprop
    idieresis
    idieresisacute
    zero.slashlin

Glyph name: f_f_b.alt

Problems: contour_order

'GRAD=−50.0'

midway interpolation
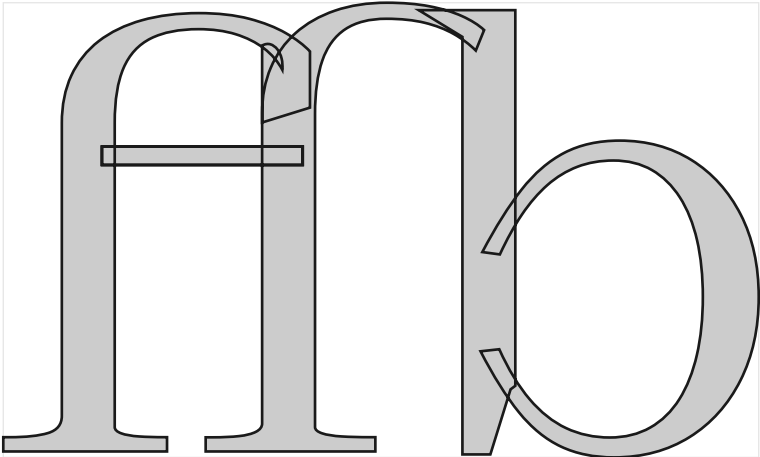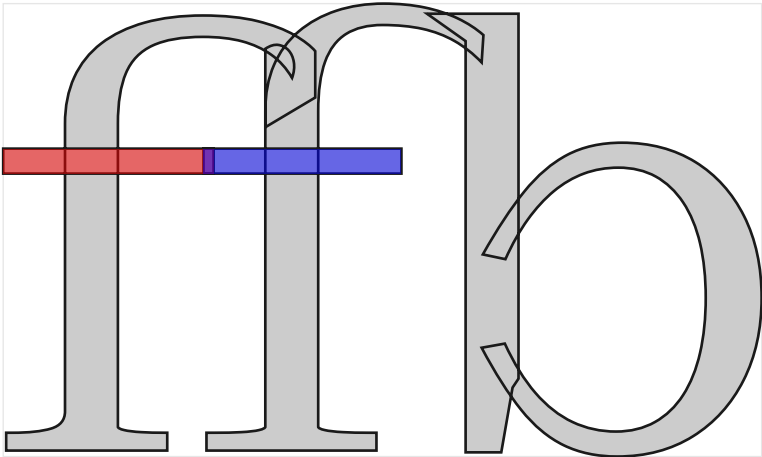
'GRAD=−50.0 opsz=144.0'

proposed fix

Glyph name: f_f_b.alt

Problems: contour_order

'GRAD=100.0'

midway interpolation

'GRAD=100.0 opsz=144.0'

proposed fix

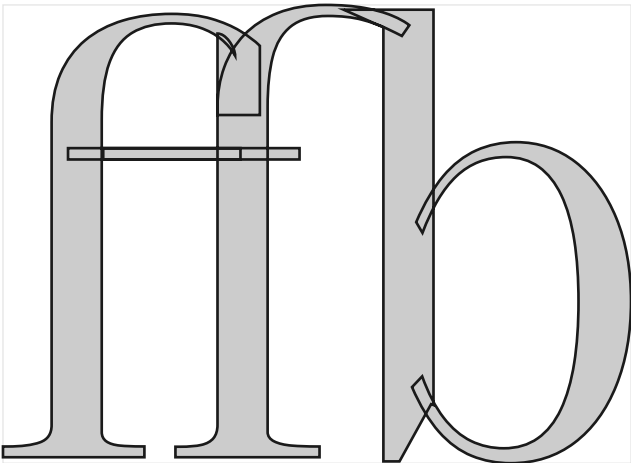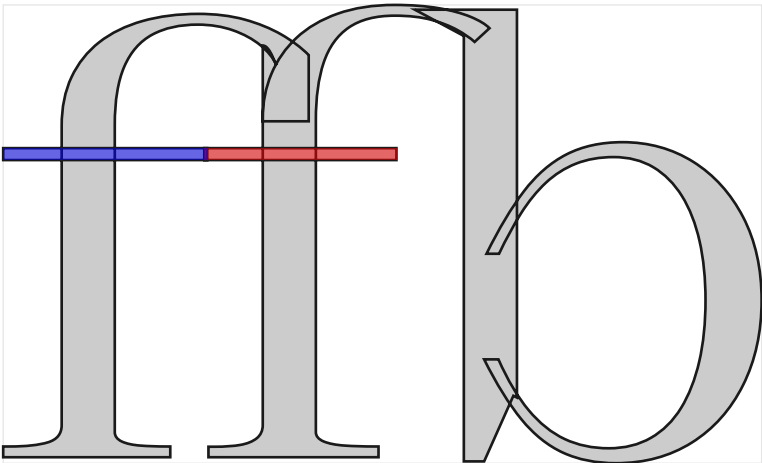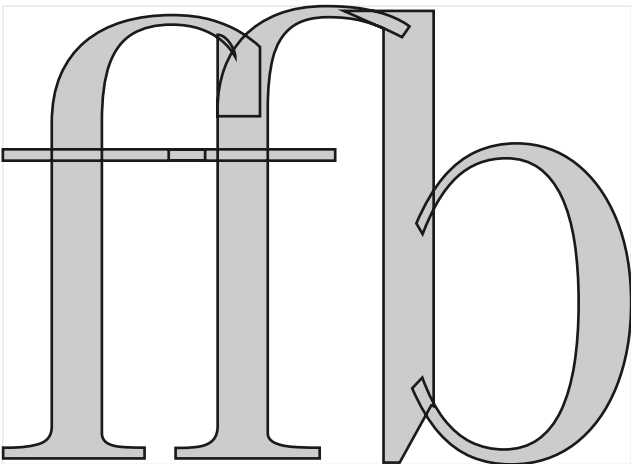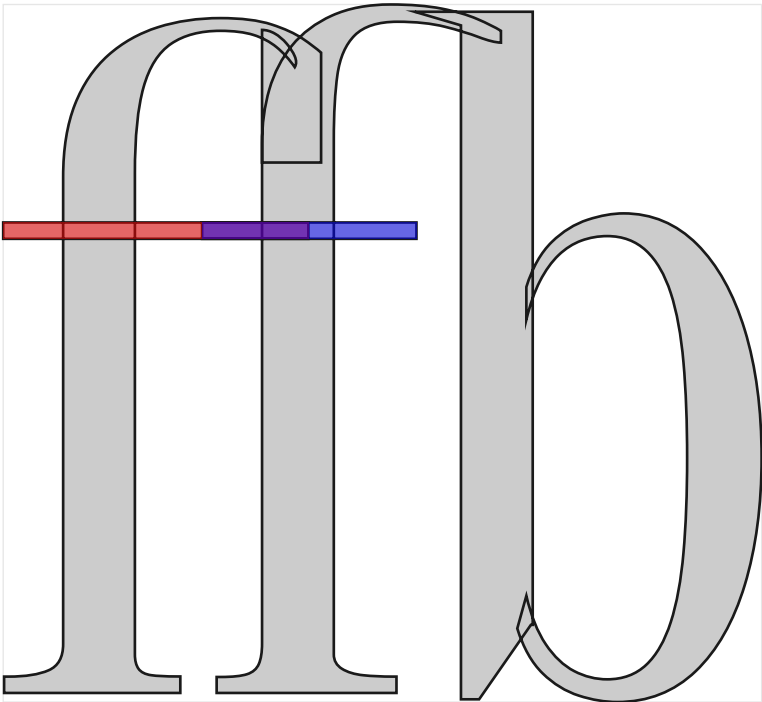# Glyph name: f_f_b.alt

Problems: contour_order

'GRAD=−50.0 opsz=144.0'

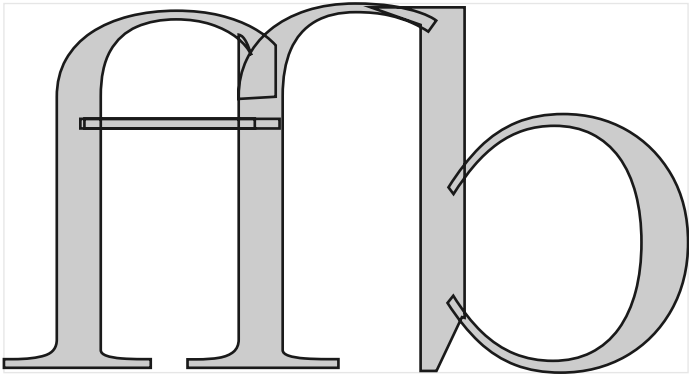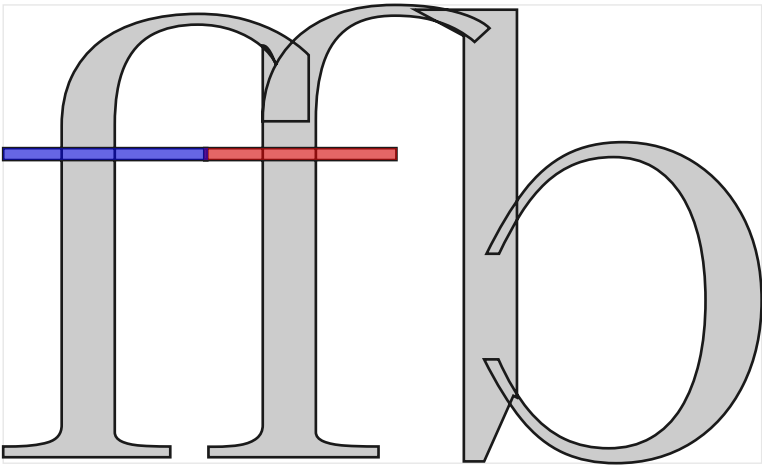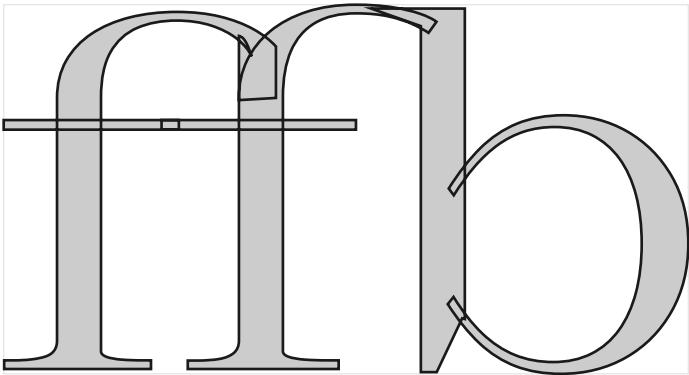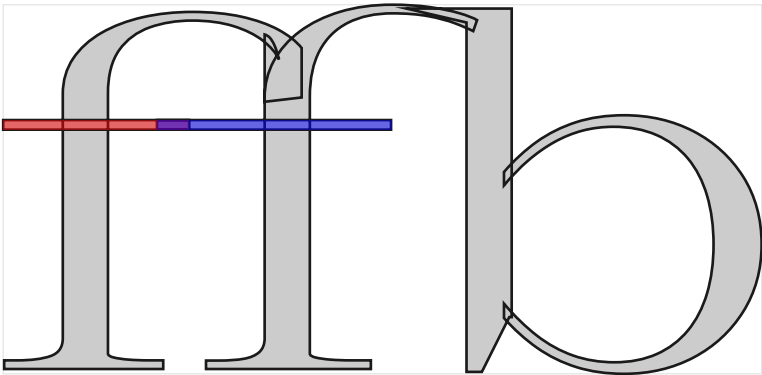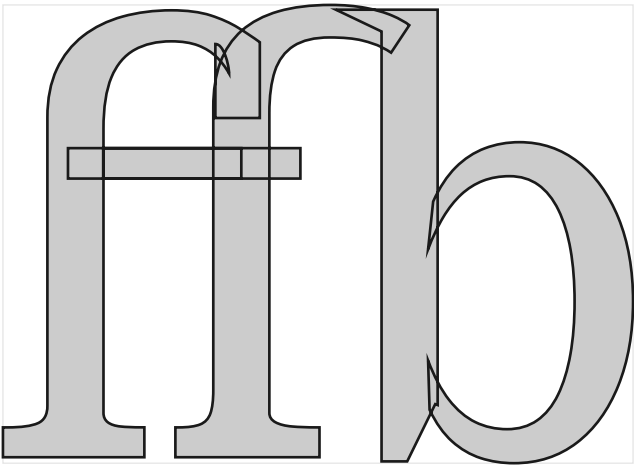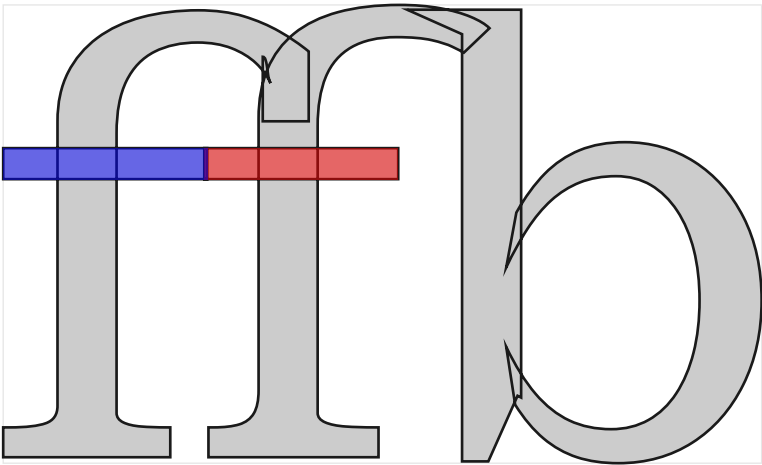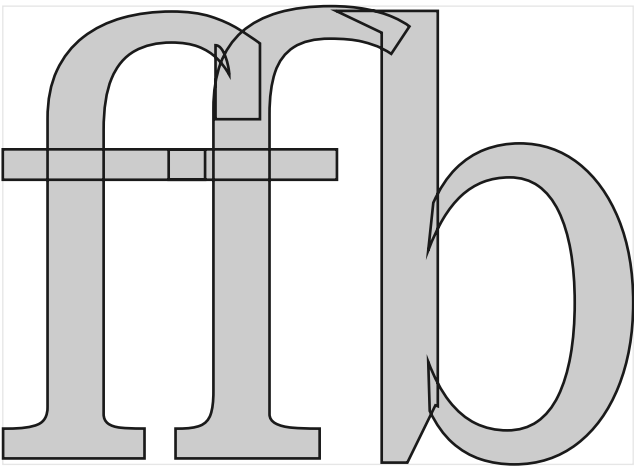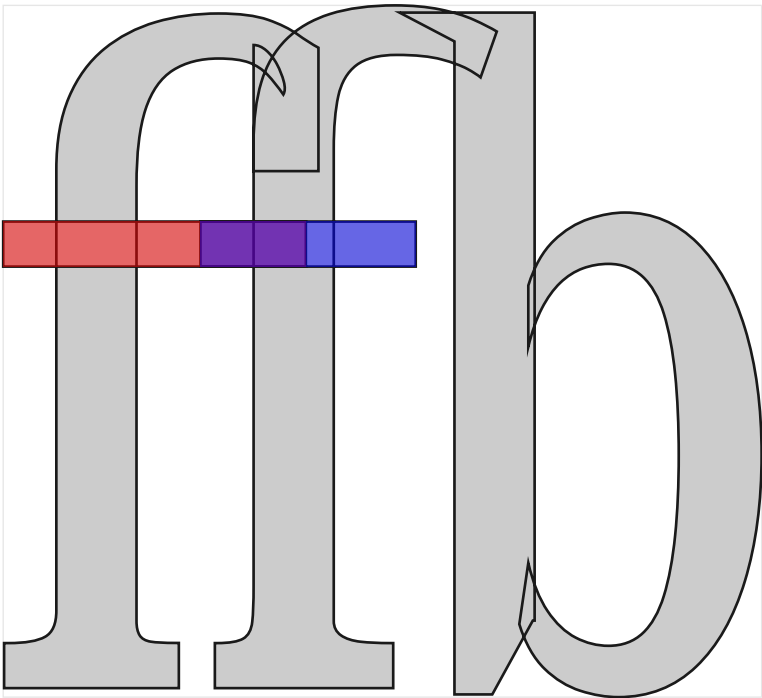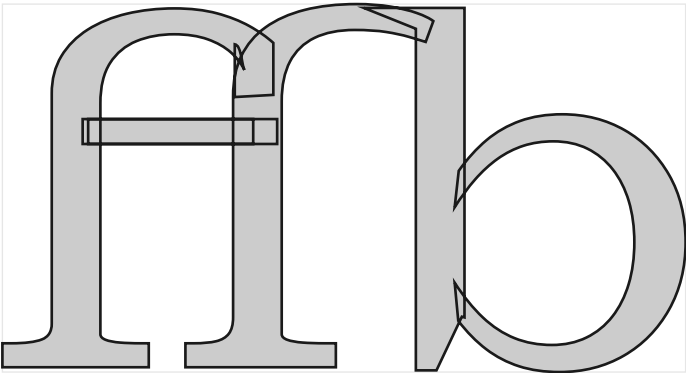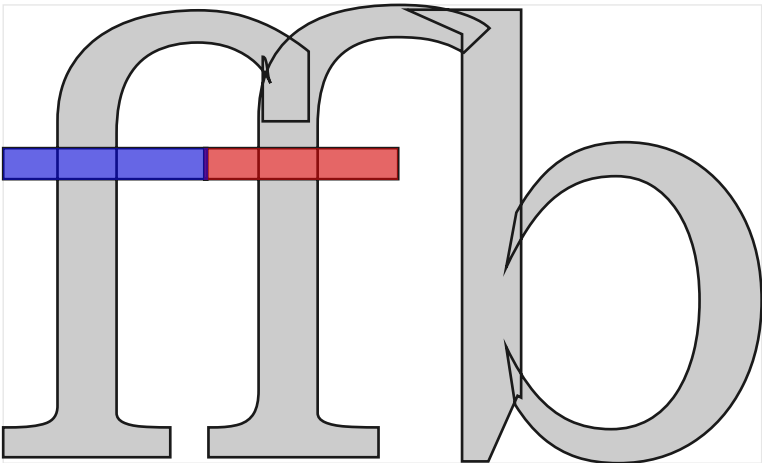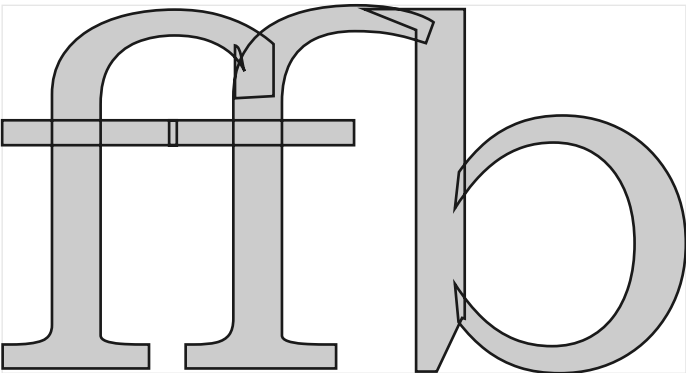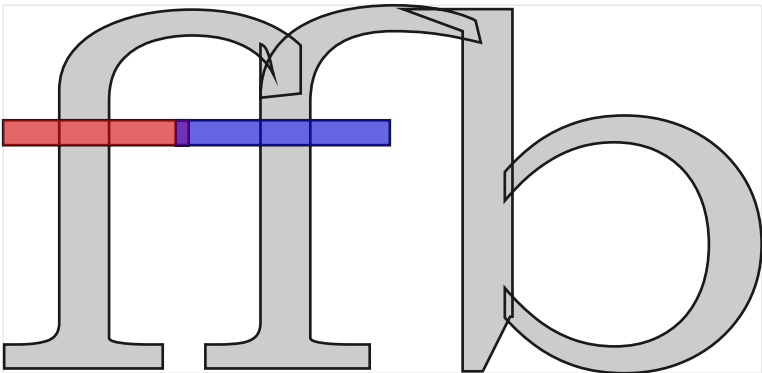midway interpolation

'GRAD=−50.0 opsz=144.0 wdth=50.0'

proposed fix

Glyph name: f_f_b.alt

Problems: 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

Problems: contour_order

'GRAD=100.0 opsz=144.0'

midway interpolation

'GRAD=100.0 opsz=144.0 wdth=50.0'

proposed fix

Glyph name: f_f_b.alt

Problems: contour_order

'GRAD=100.0 opsz=144.0'

midway interpolation

'GRAD=100.0 opsz=144.0 wdth=150.0'

proposed fix
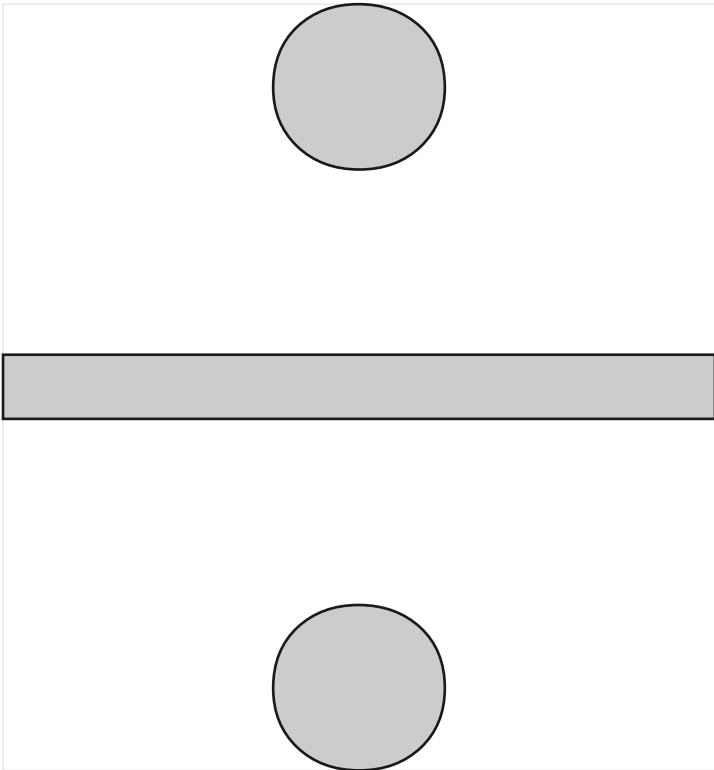
Glyph name: yukrcyr

Problems: contour_order
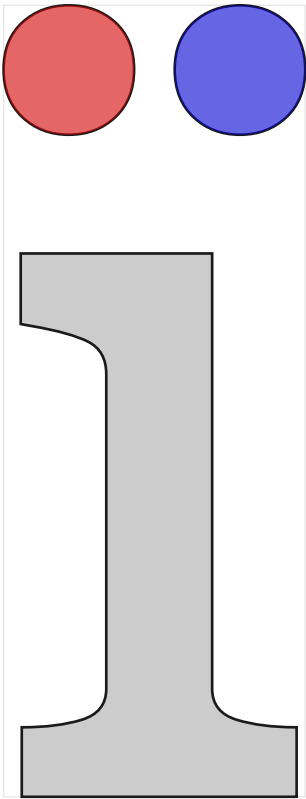
'GRAD=100.0'

midway interpolation
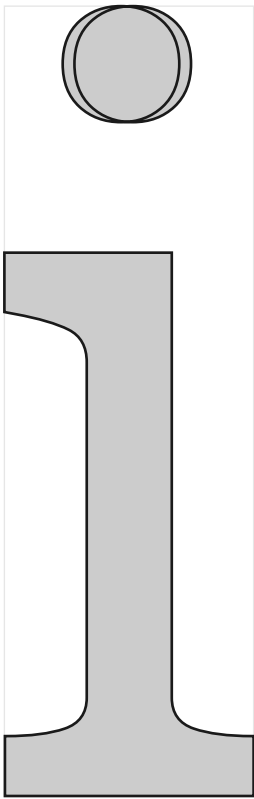
'GRAD=100.0 wght=100.0'
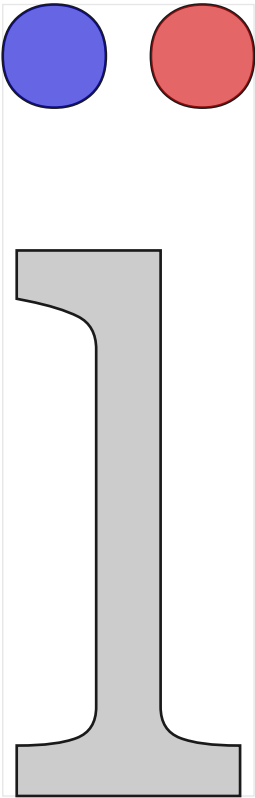
proposed fix
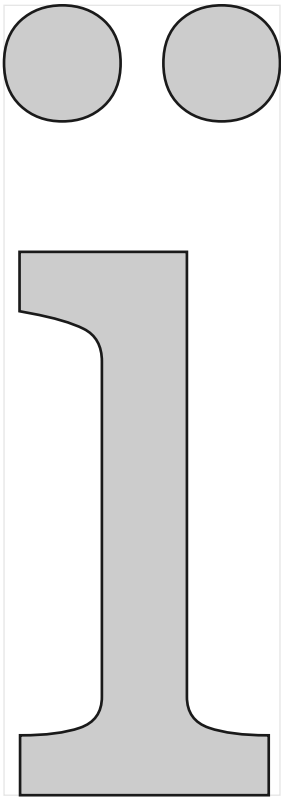
Glyph name: divide

tolerance: 0.06

Problems: underweight, wrong_start_point
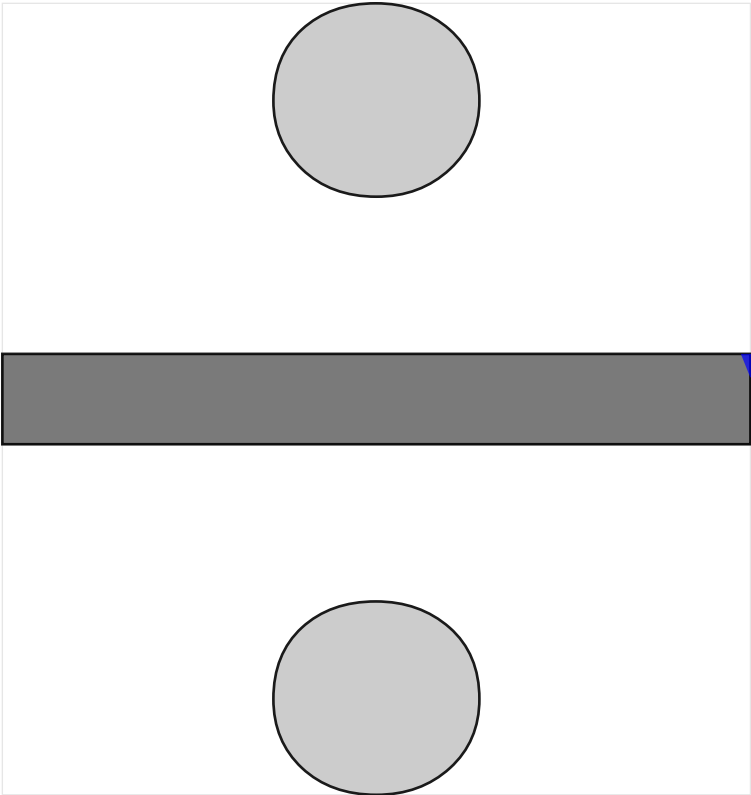
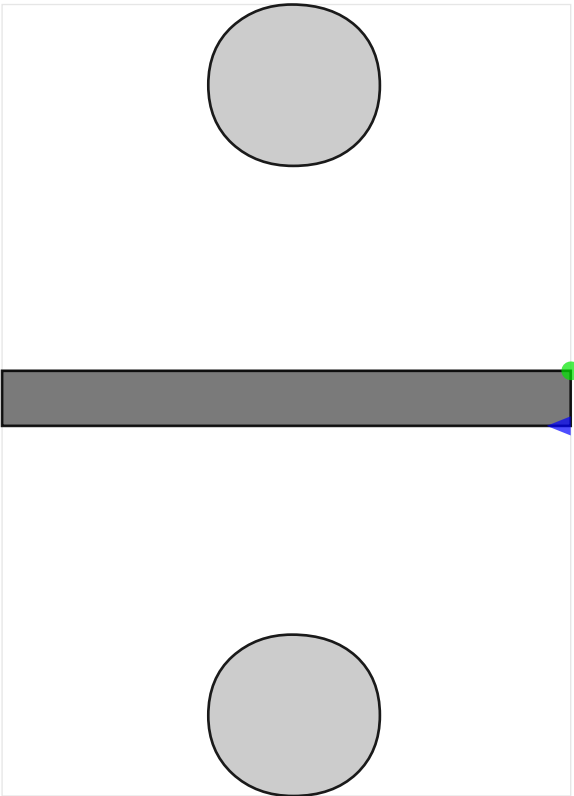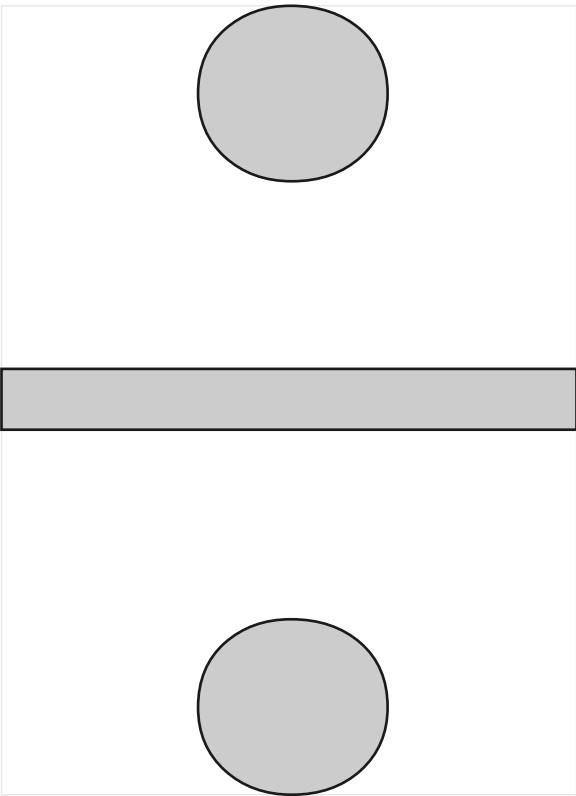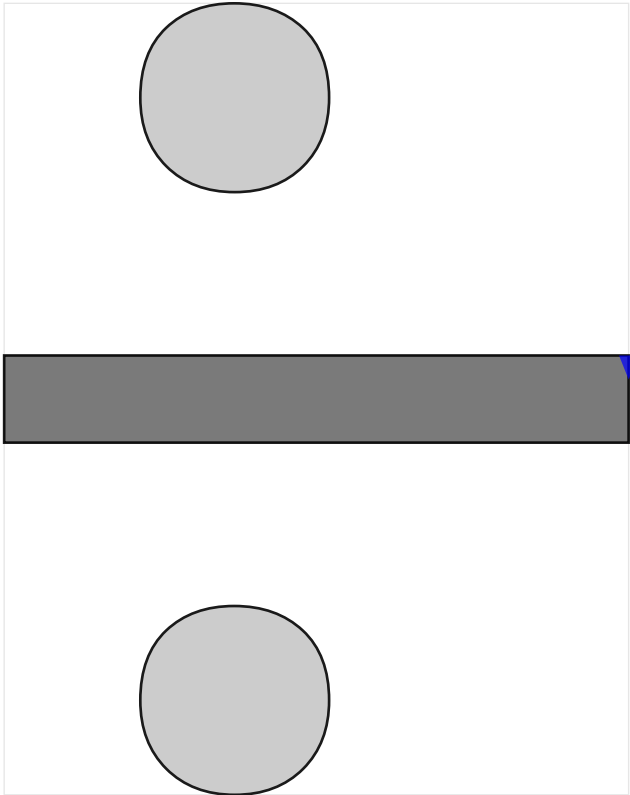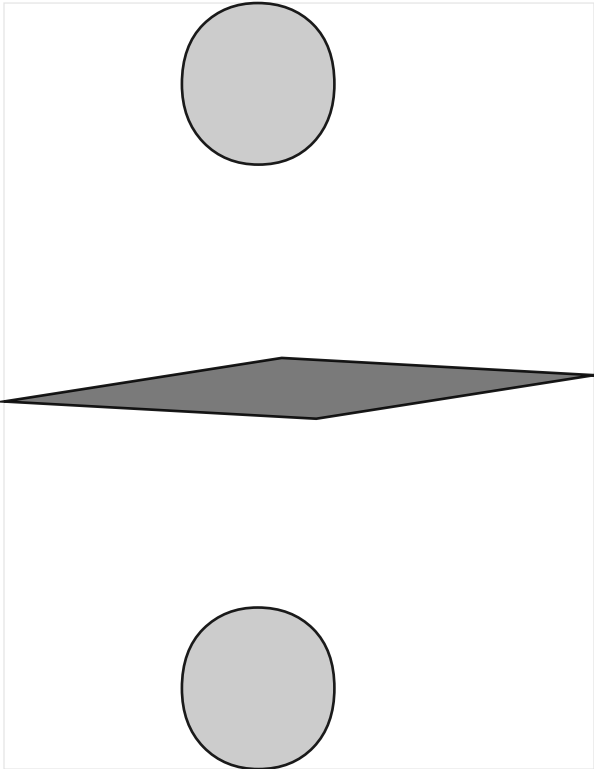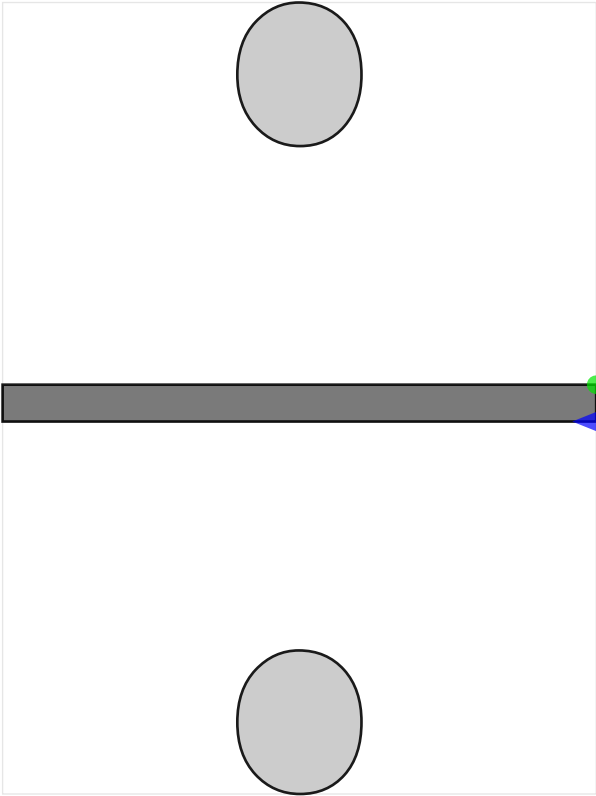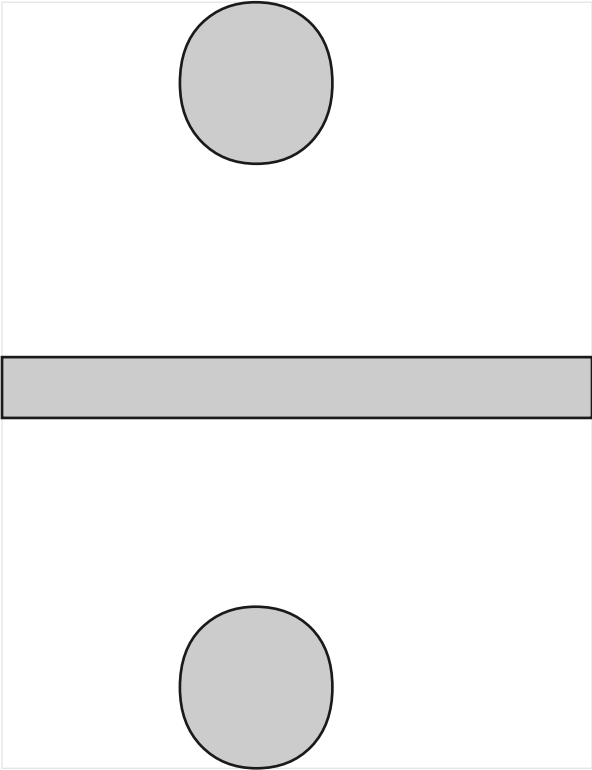'GRAD=−50.0'

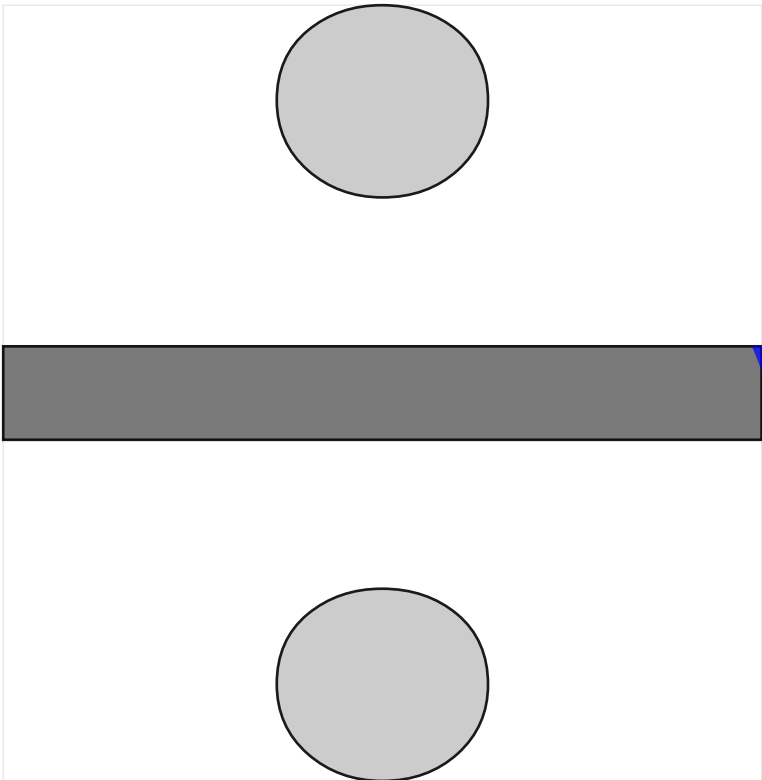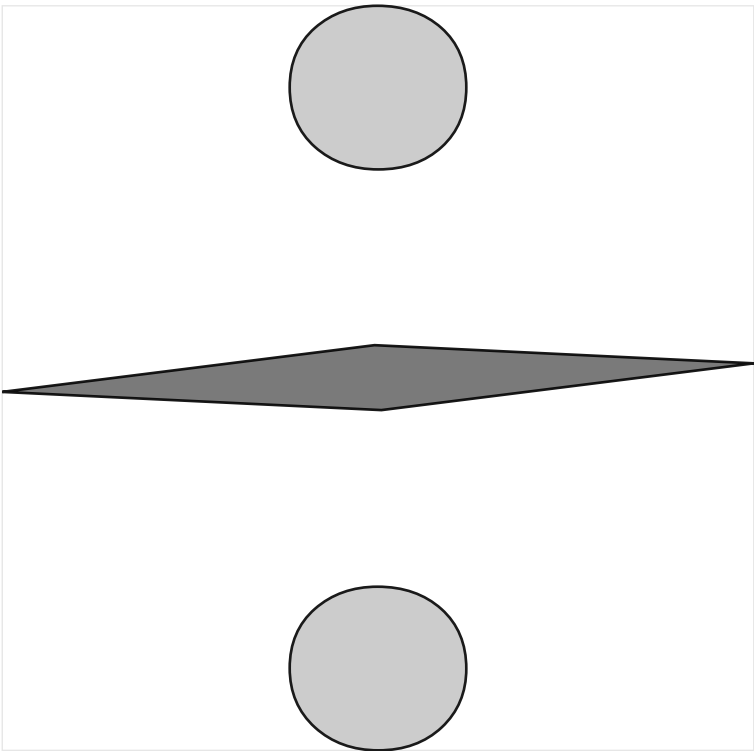midway interpolation
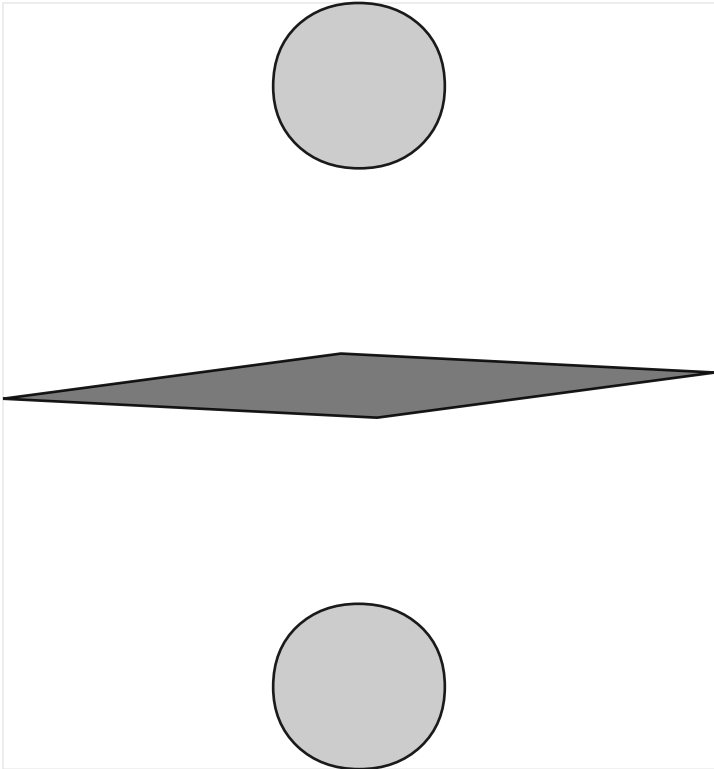
'GRAD=−50.0 wght=100.0'
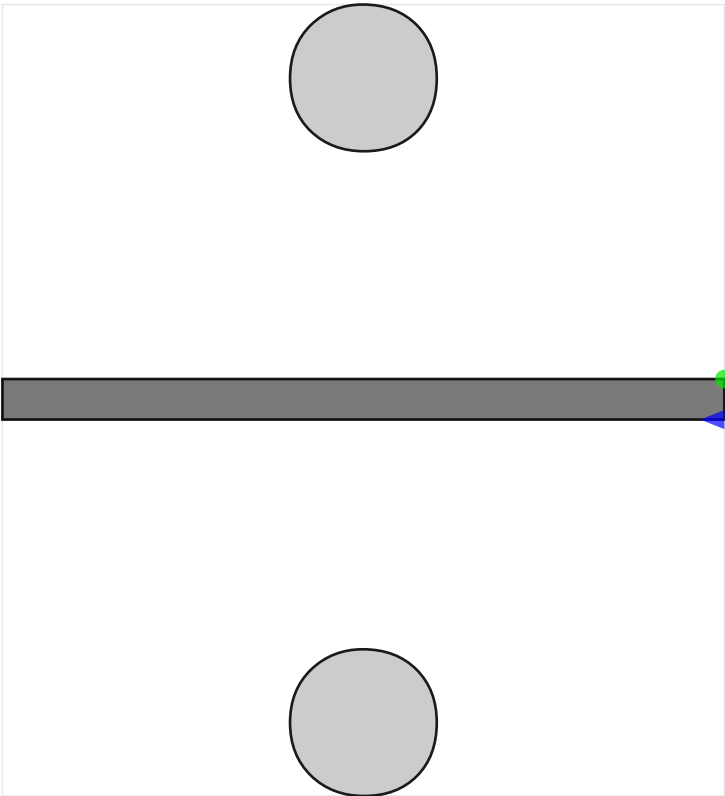
proposed fix

Glyph name: divide

tolerance: 0.00

Problems: underweight, wrong_start_point
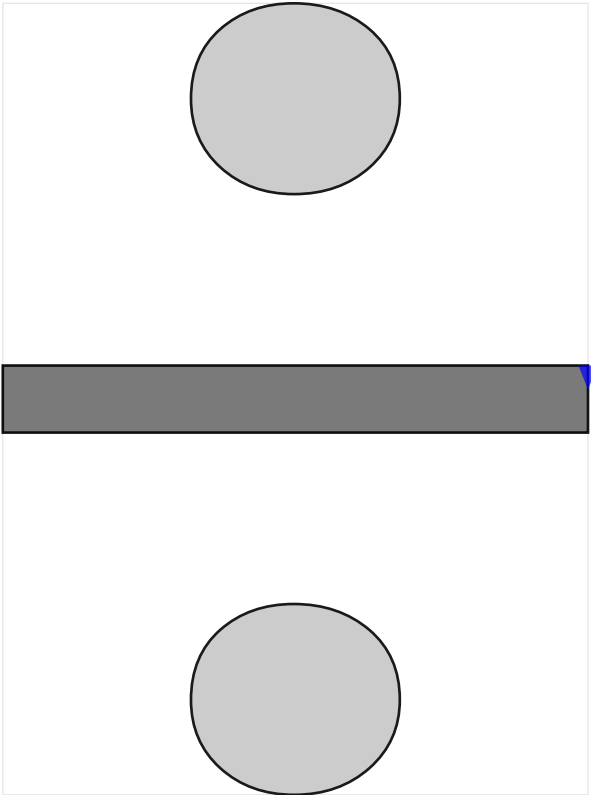
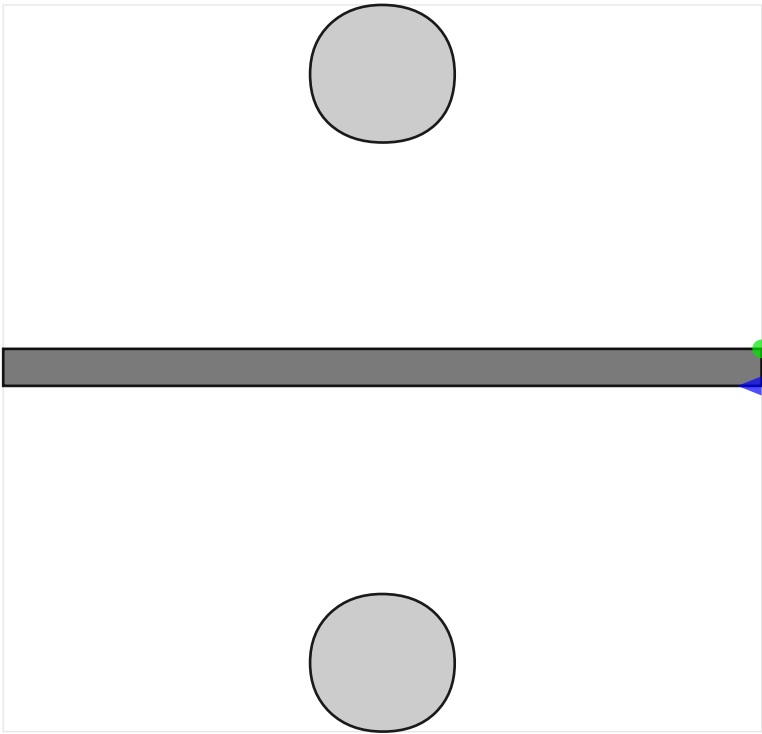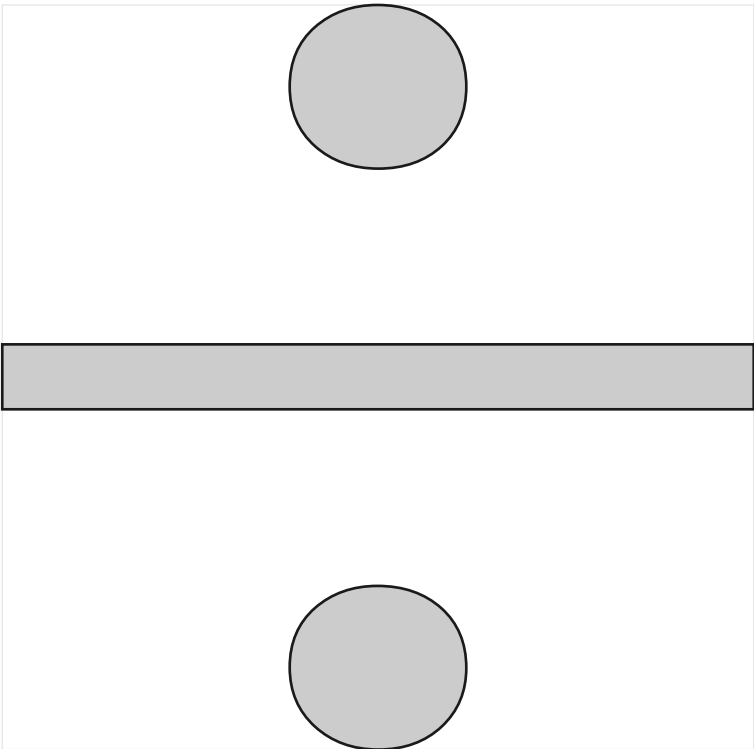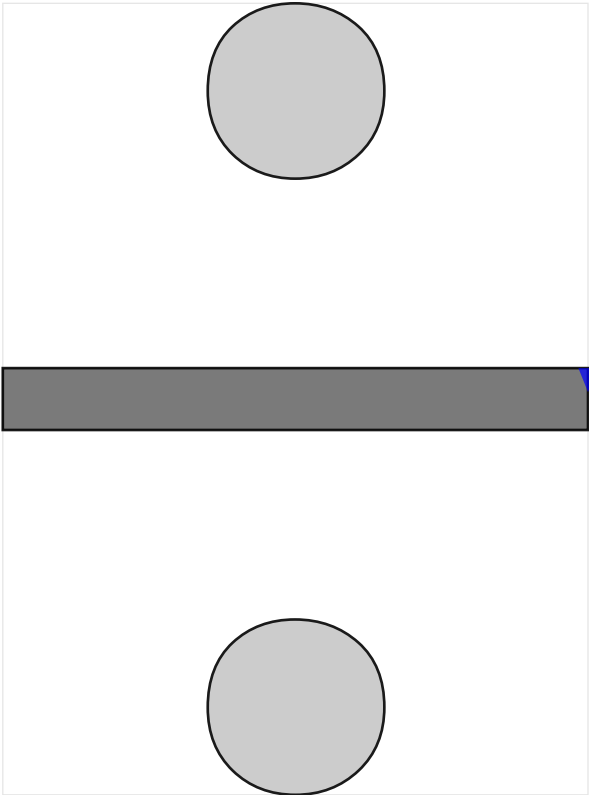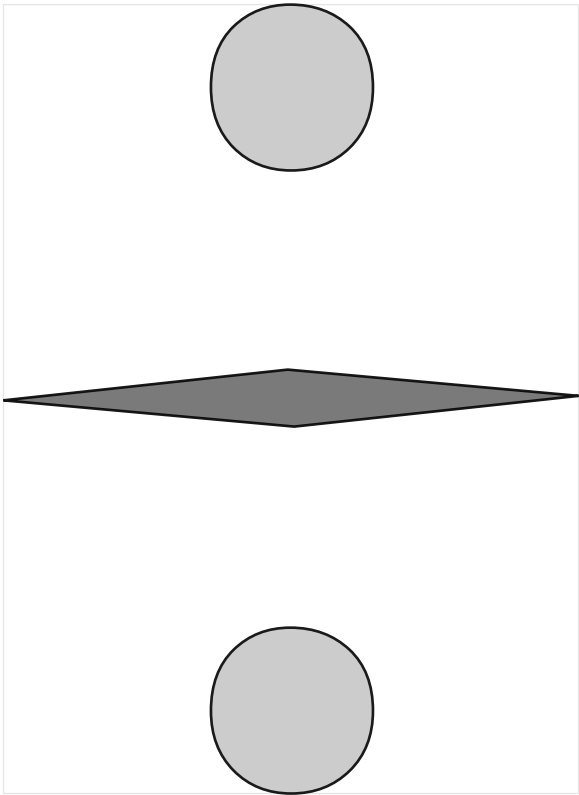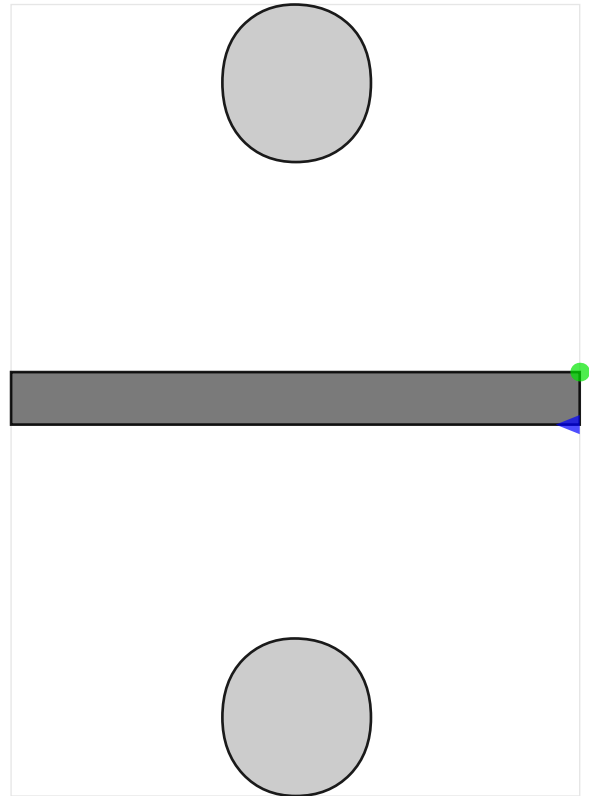'GRAD=−50.0 opsz=8.0'

midway interpolation
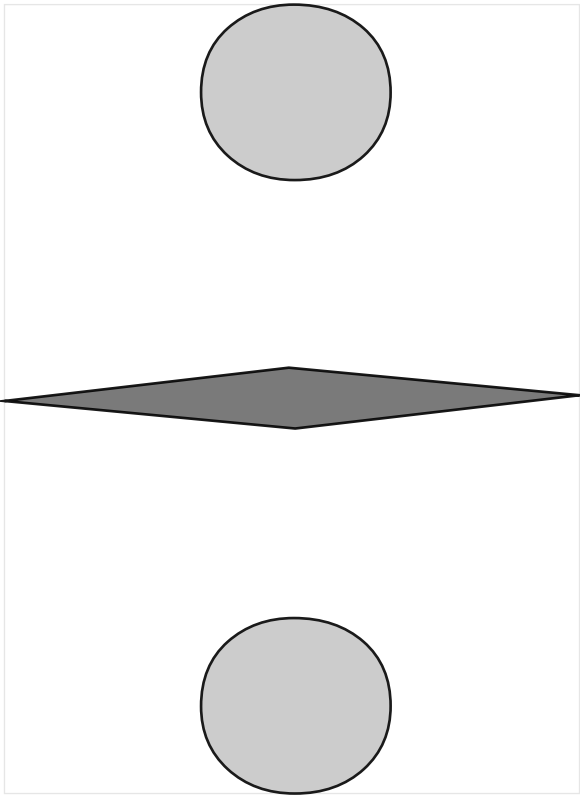
'GRAD=−50.0 opsz=8.0 wght=100.0'

proposed fix

Glyph name: divide

Problems: underweight, wrong_start_point

'GRAD=−50.0 wdth=50.0'
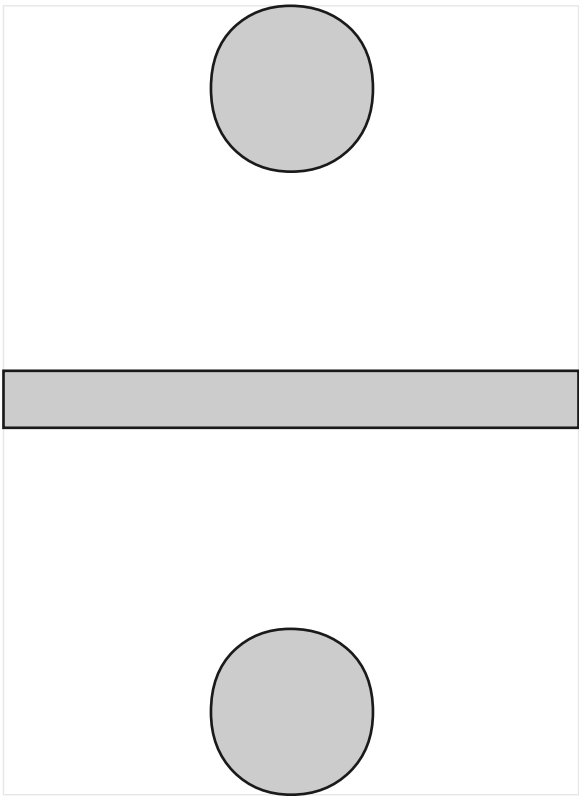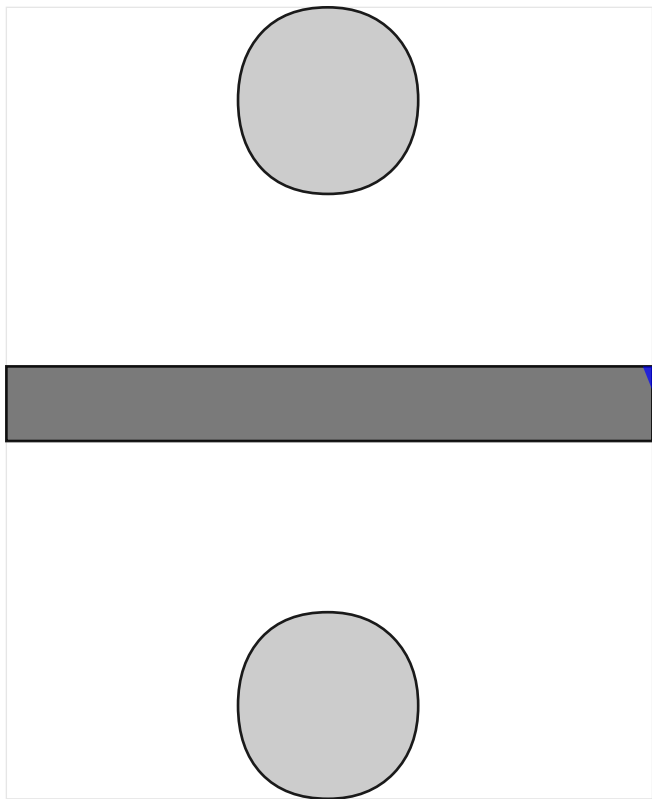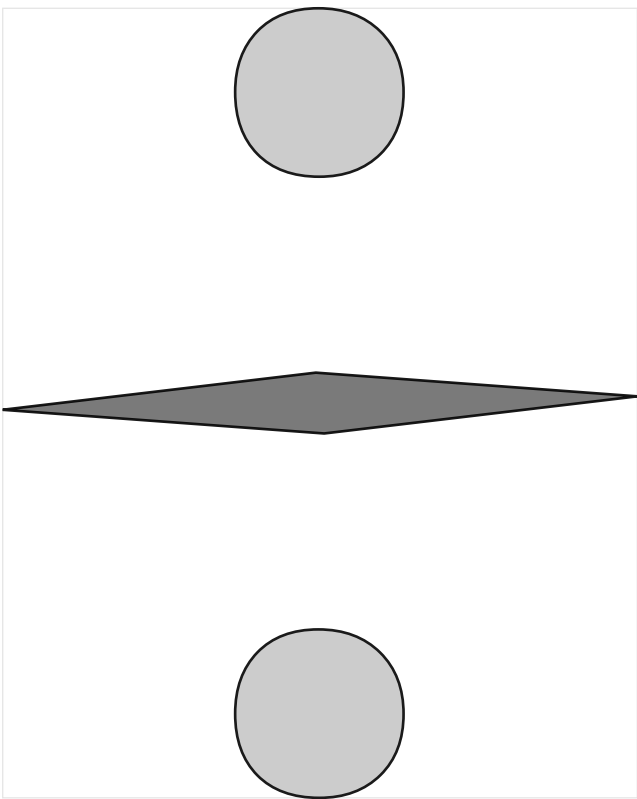
midway interpolation

'GRAD=−50.0 wdth=50.0 wght=100.0'

proposed fix

Glyph name: divide

Problems: underweight, wrong_start_point

'GRAD=−50.0 wdth=150.0'

midway interpolation

'GRAD=−50.0 wdth=150.0 wght=100.0'

proposed fix

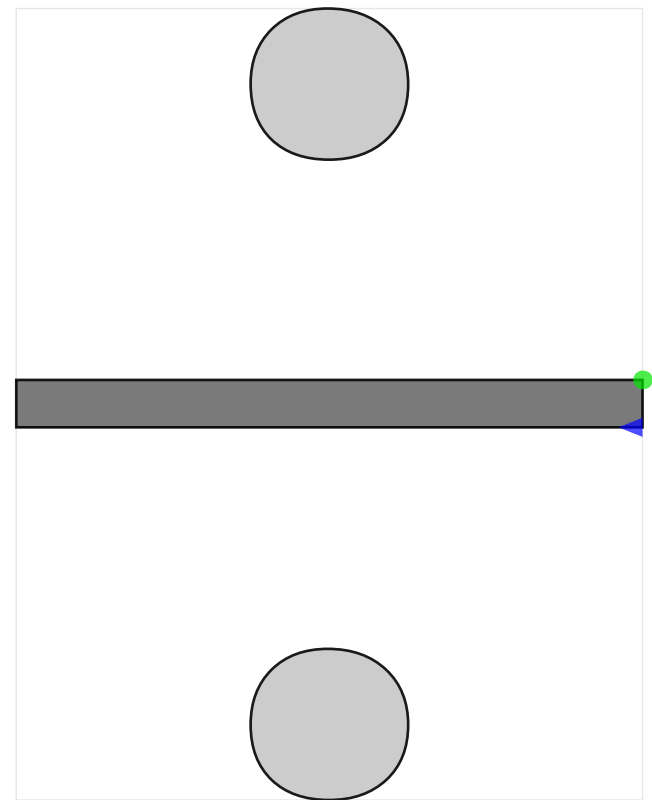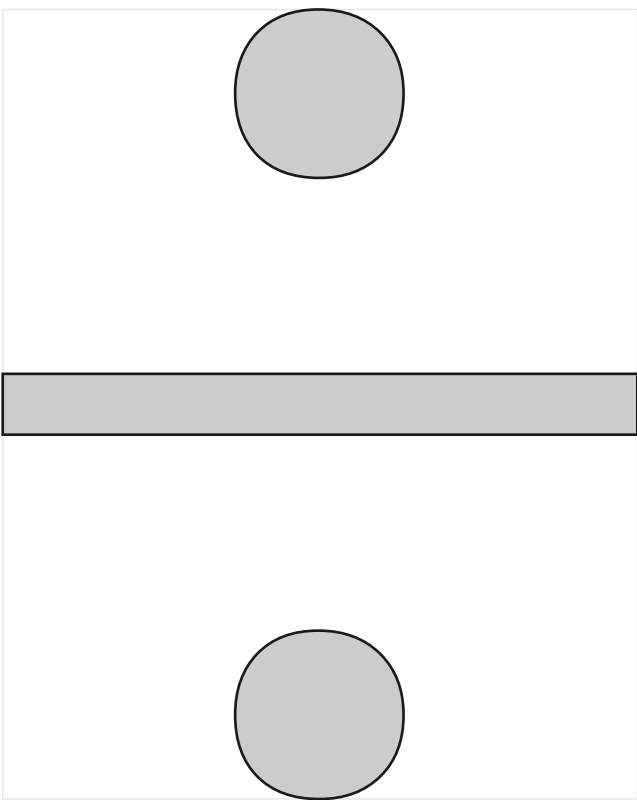# Glyph name: divide

Problems: underweight, 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

Problems: underweight, wrong_start_point

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation
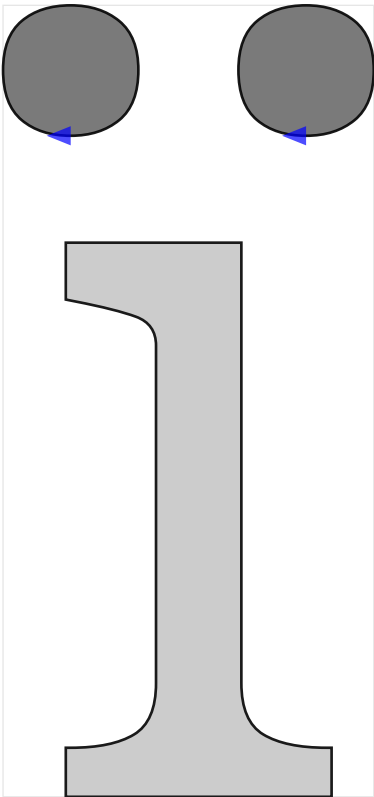
'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=100.0'

proposed fix

Glyph name: idieresis

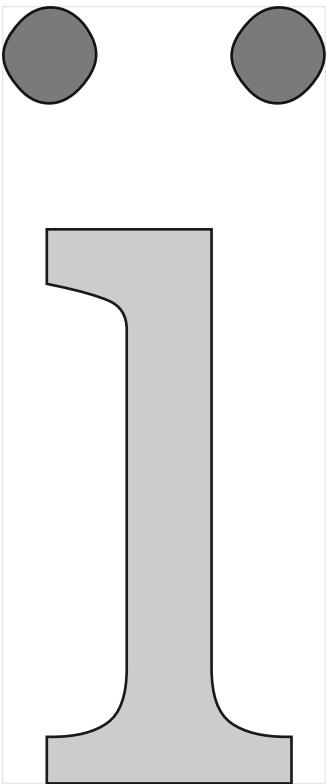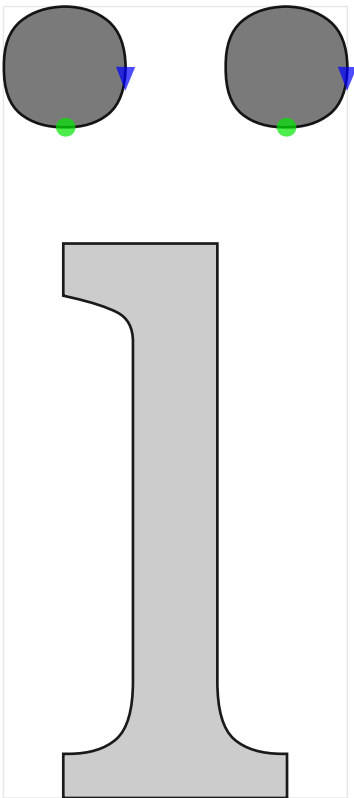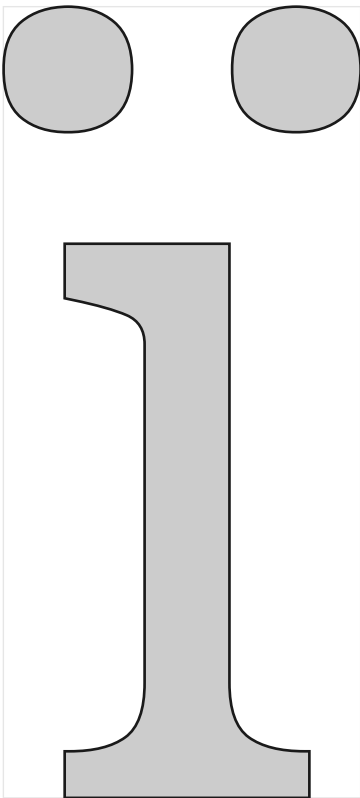Problems: underweight, wrong_start_point

'opsz=8.0'

midway interpolation

'opsz=8.0 wdth=50.0'

proposed fix

16

Glyph name: idieresis

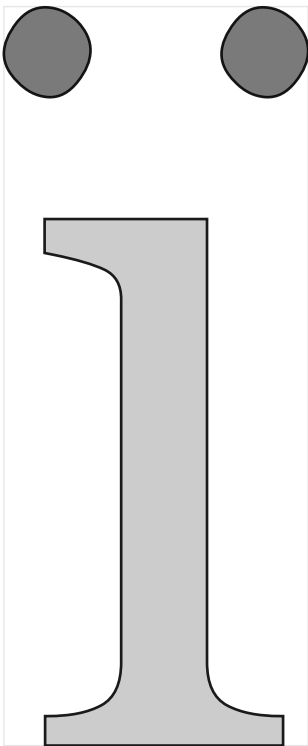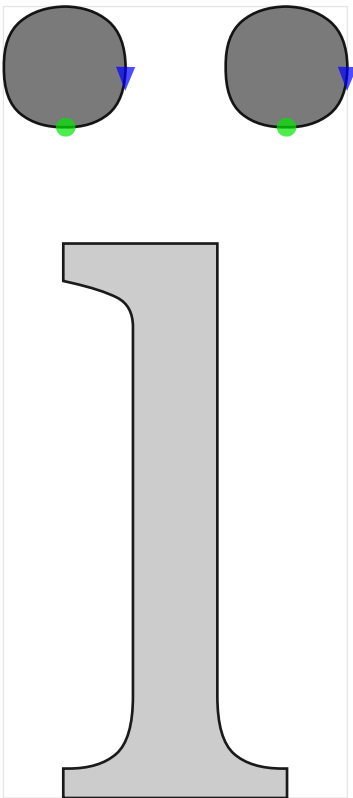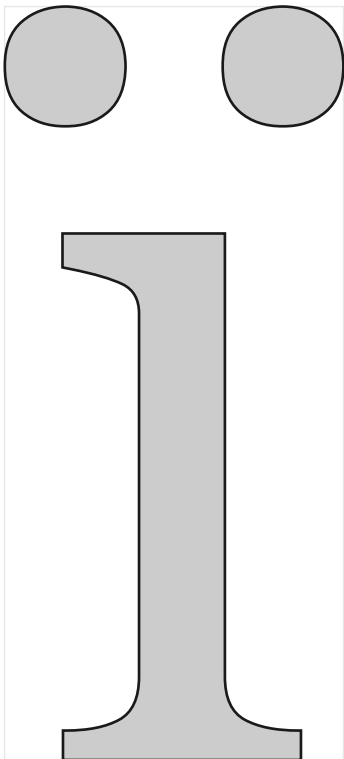Problems: underweight, wrong_start_point

'GRAD=−50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0'

proposed fix

17

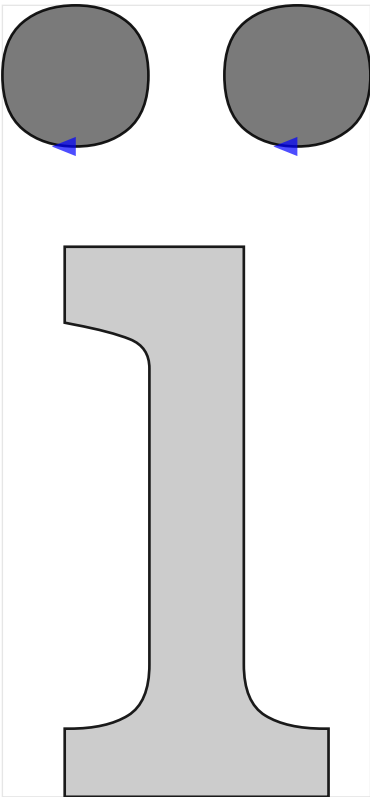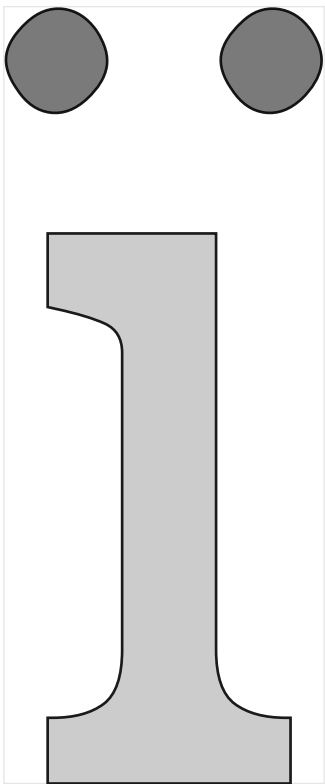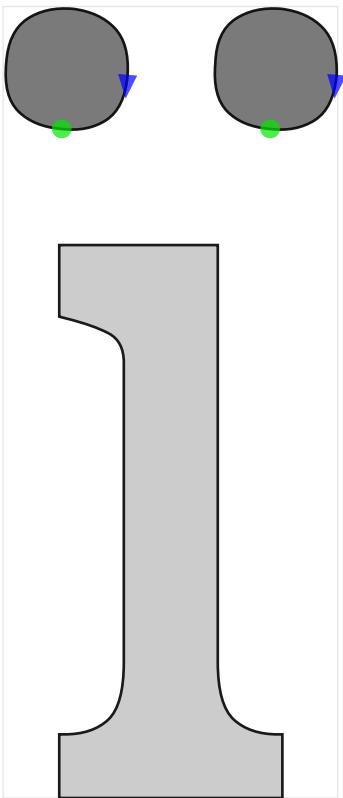# Glyph name: idieresis

Problems: underweight, wrong_start_point

'GRAD=100.0 opsz=8.0'
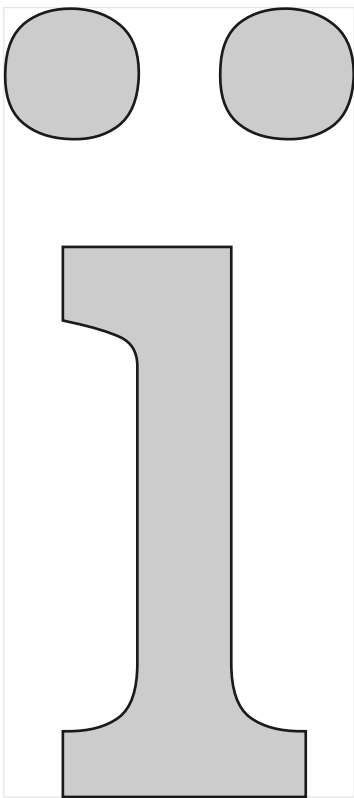
midway interpolation

'GRAD=100.0 opsz=8.0 wdth=50.0'

proposed fix

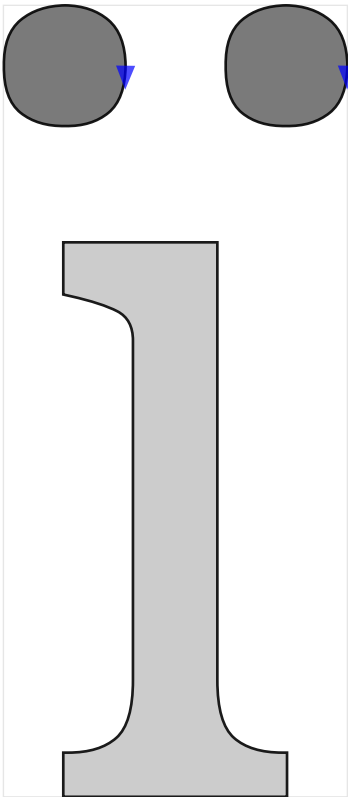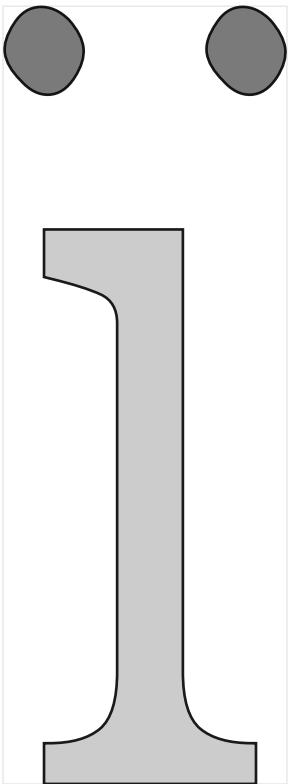# Glyph name: idieresis

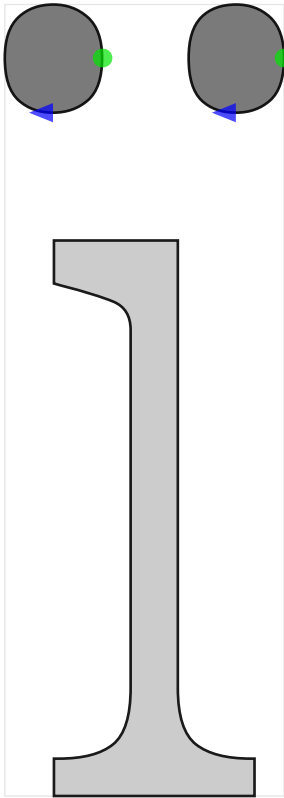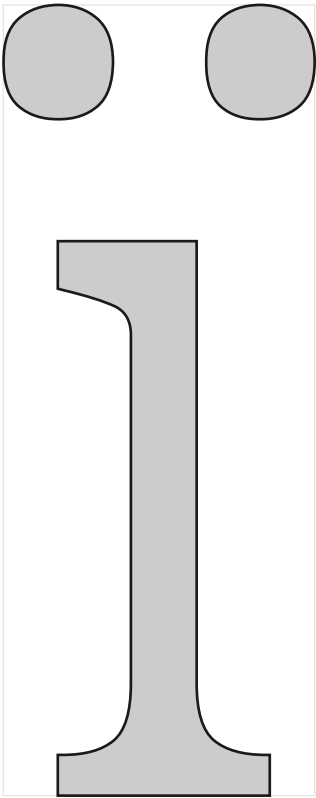Problems: underweight, wrong_start_point

'opsz=8.0 wdth=50.0'

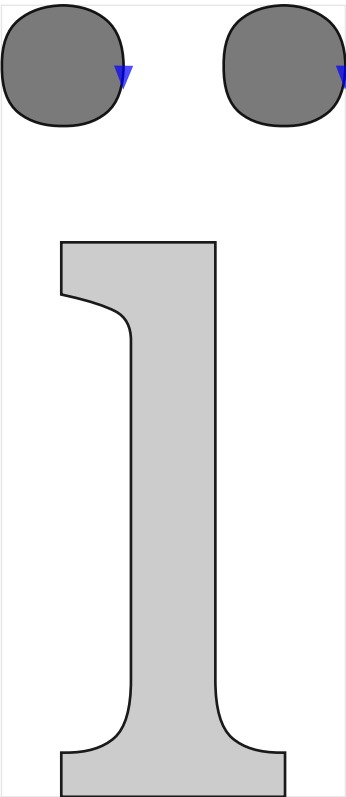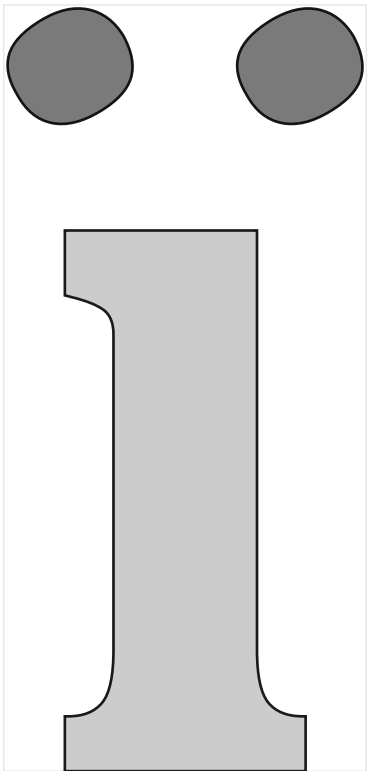midway interpolation

'opsz=8.0 wdth=50.0 wght=100.0'

proposed fix

Glyph name: idieresis

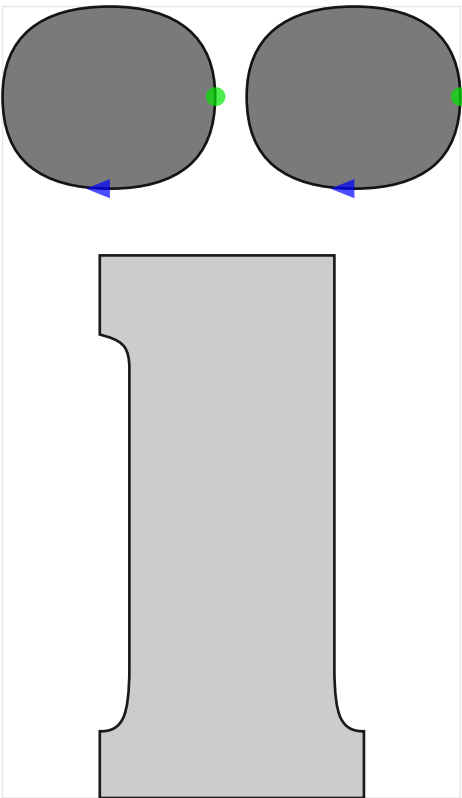Problems: underweight, wrong_start_point
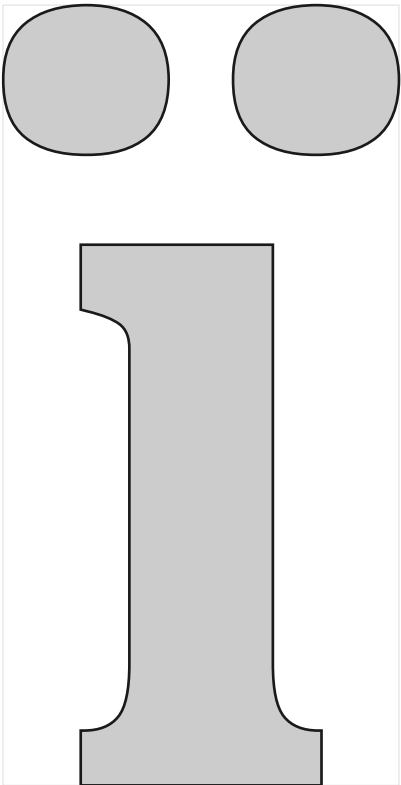
'opsz=8.0 wdth=50.0'

midway interpolation

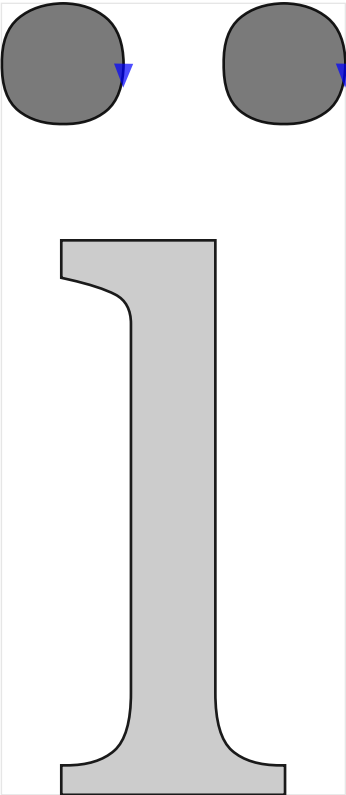'opsz=8.0 wdth=50.0 wght=900.0'
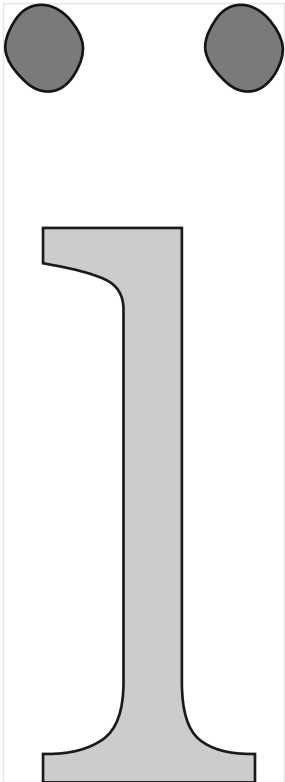
proposed fix

Glyph name: idieresis
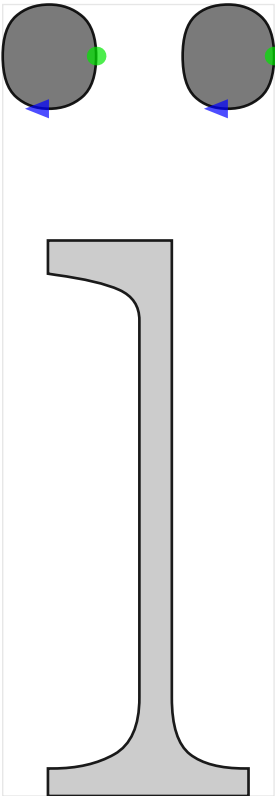
tolerance: 0.04

Problems: underweight, wrong_start_point
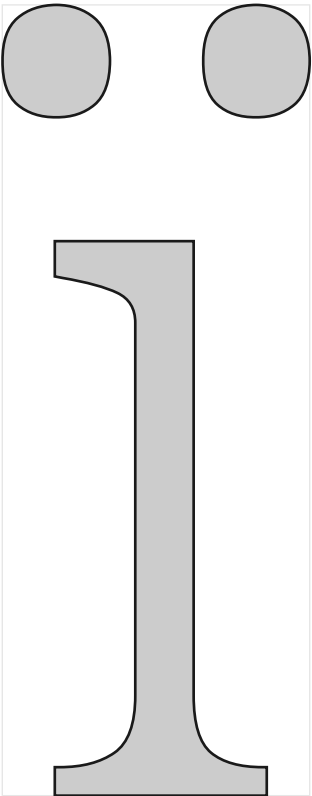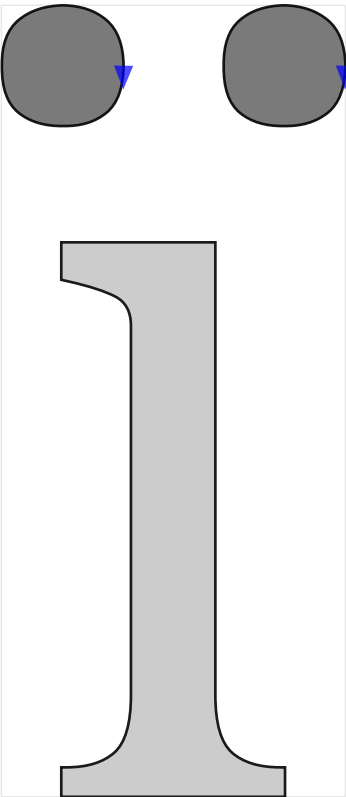
'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

proposed fix

Glyph name: idieresis

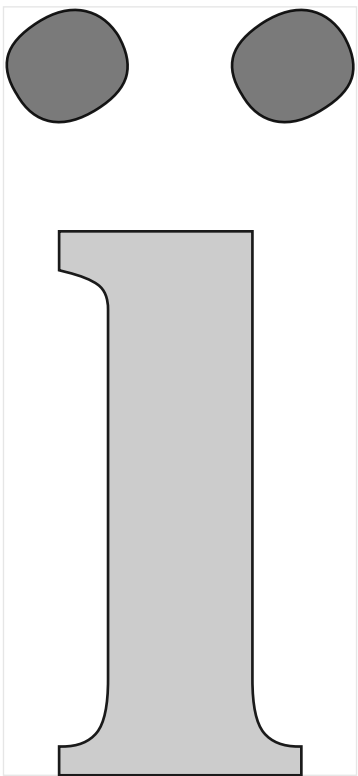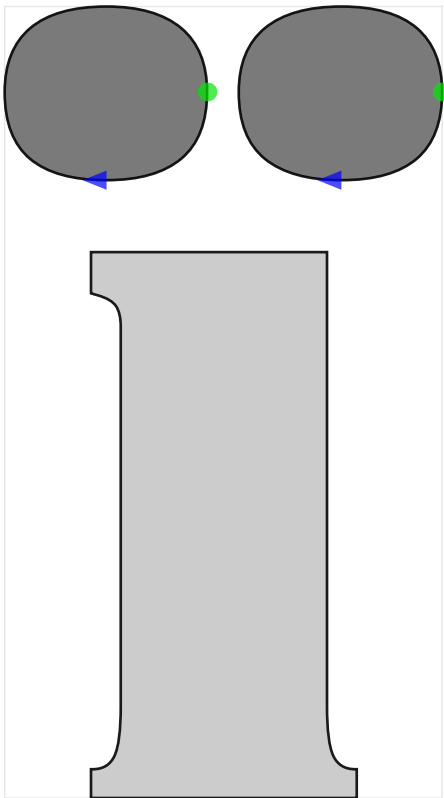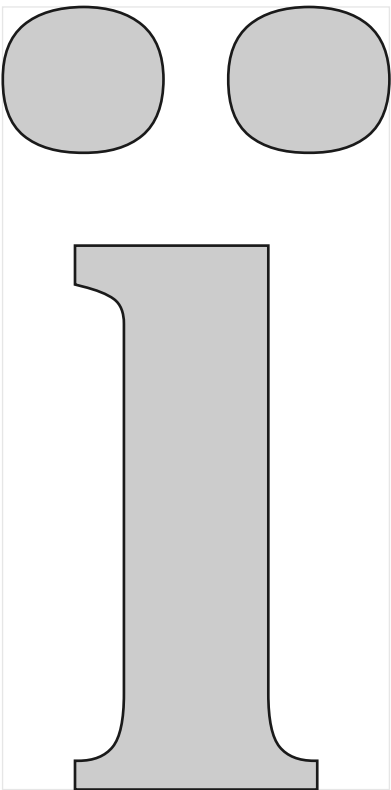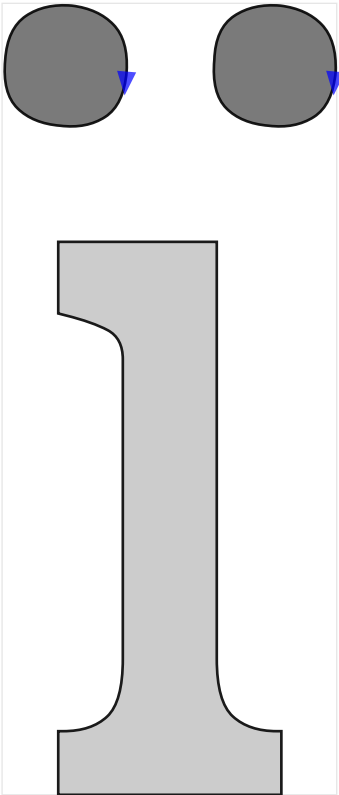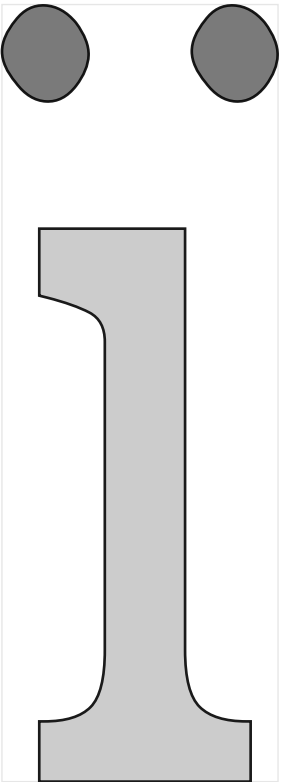tolerance: 0.14
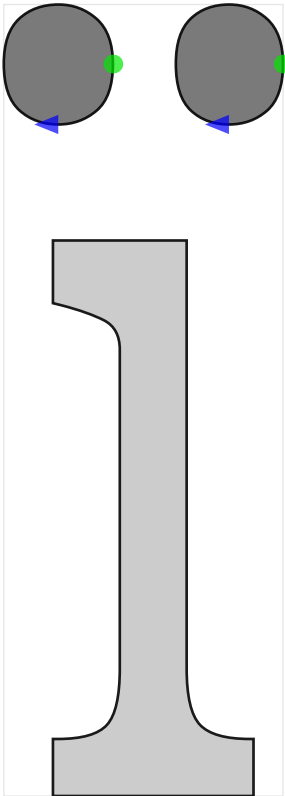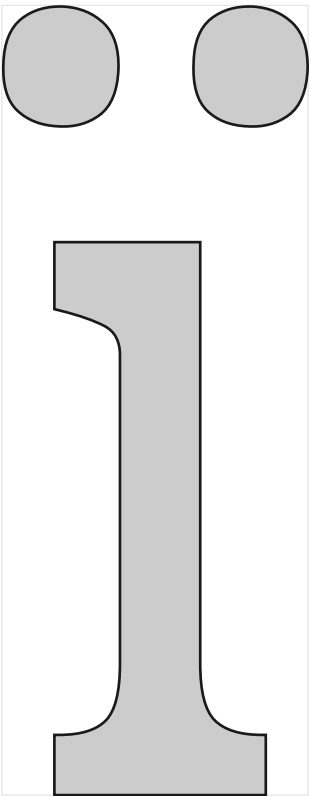
Problems: underweight, wrong_start_point

'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

Problems: underweight, wrong_start_point

'GRAD=100.0 opsz=8.0 wdth=50.0'

midway interpolation

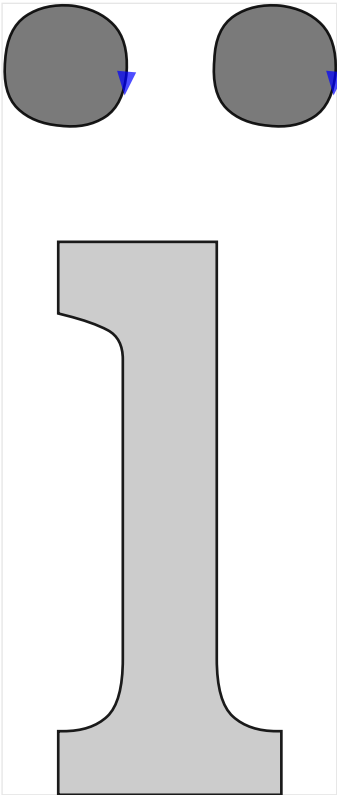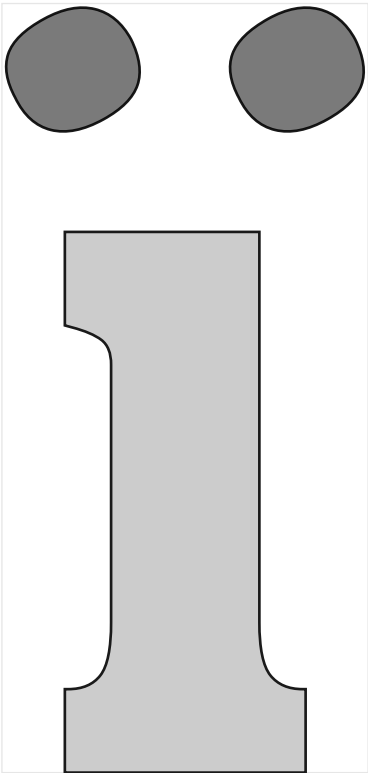'GRAD=100.0 opsz=8.0 wdth=50.0 wght=100.0'

proposed fix

23

Glyph name: idieresis

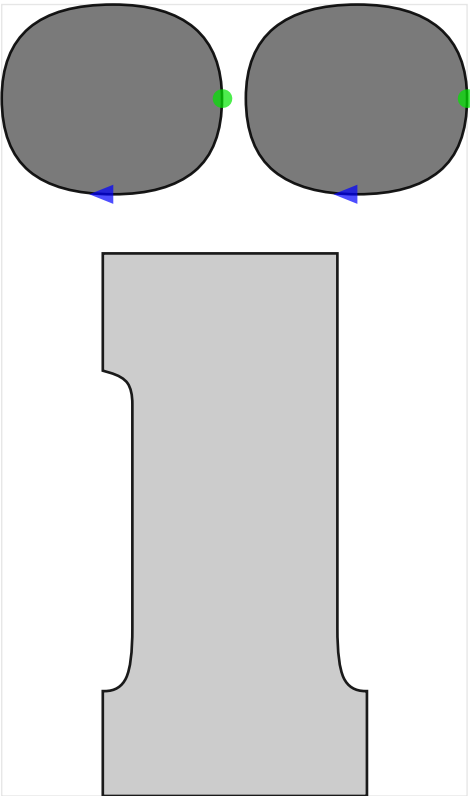Problems: underweight, wrong_start_point
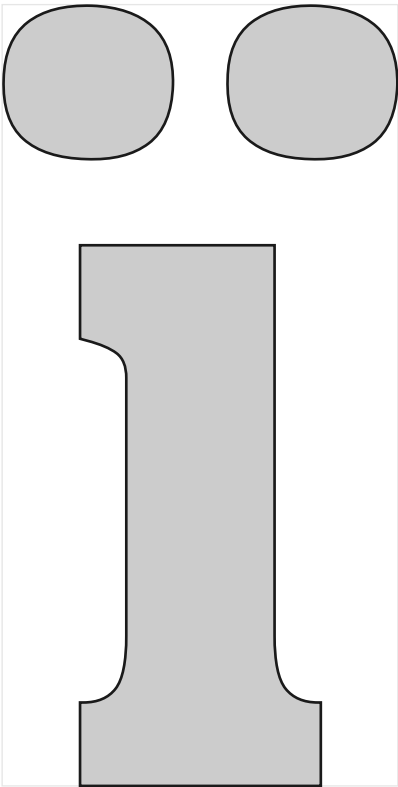
'GRAD=100.0 opsz=8.0 wdth=50.0'

midway interpolation

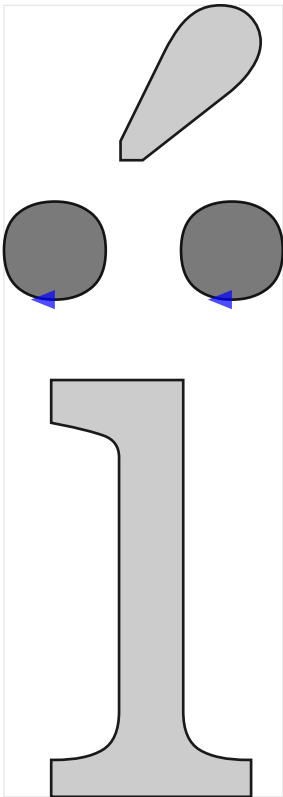'GRAD=100.0 opsz=8.0 wdth=50.0 wght=900.0'
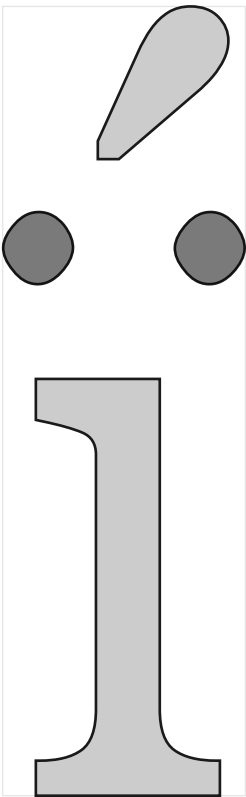
proposed fix

Glyph name: idieresisacute

tolerance: 0.01

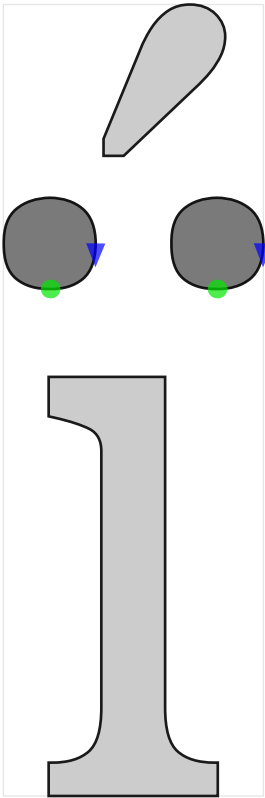Problems: underweight, wrong_start_point

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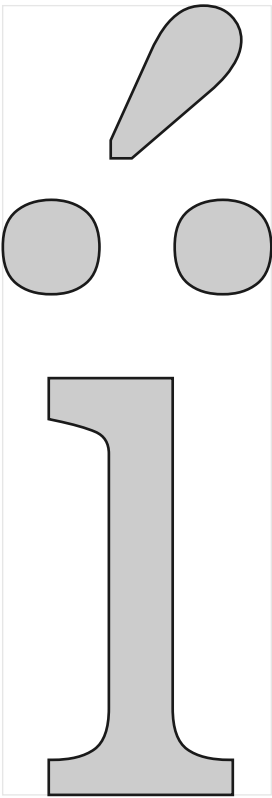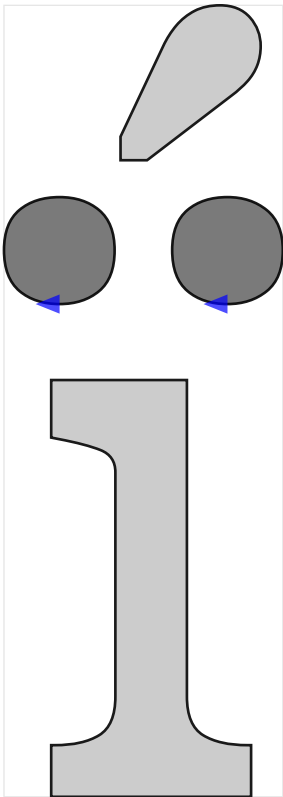
midway interpolation
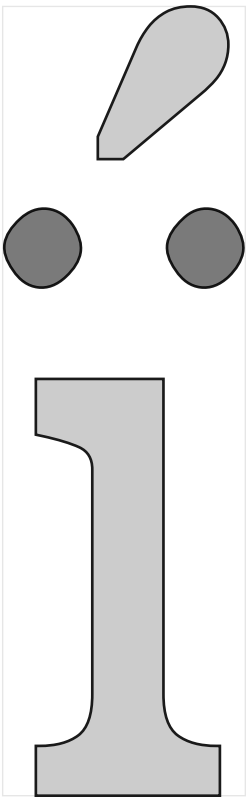
'opsz=8.0 wdth=50.0'

proposed fix

Glyph name: idieresisacute

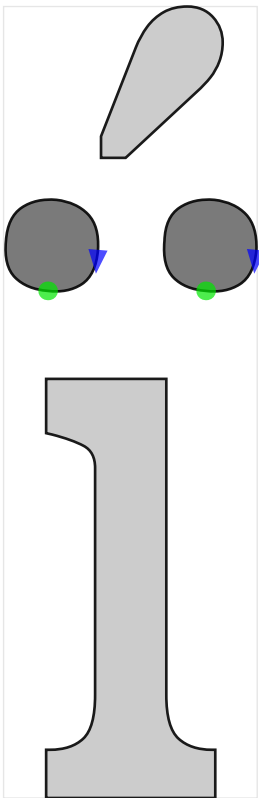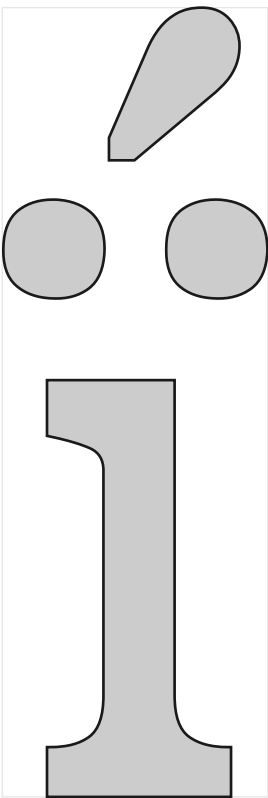Problems: underweight, wrong_start_point

'GRAD=100.0 opsz=8.0'

midway interpolation

'GRAD=100.0 opsz=8.0 wdth=50.0'

proposed fix

Glyph name: idieresisacute

Problems: underweight, wrong_start_point

'opsz=8.0 wdth=50.0'

midway interpolation
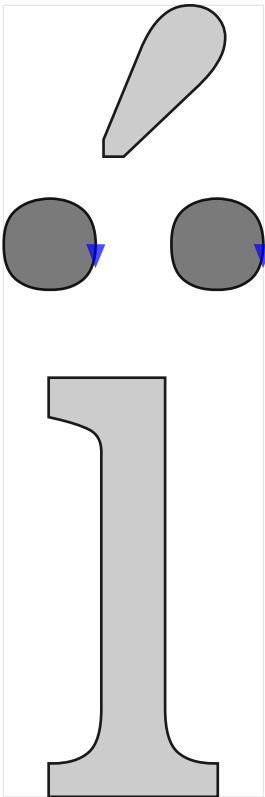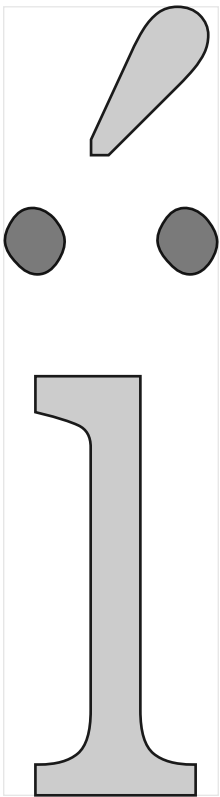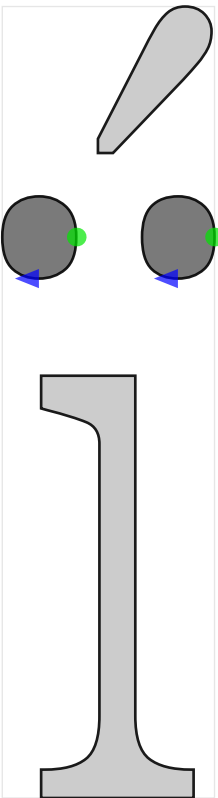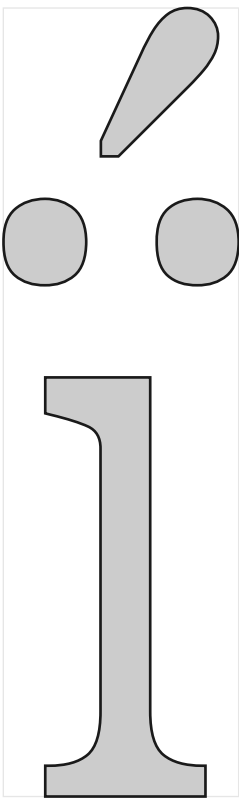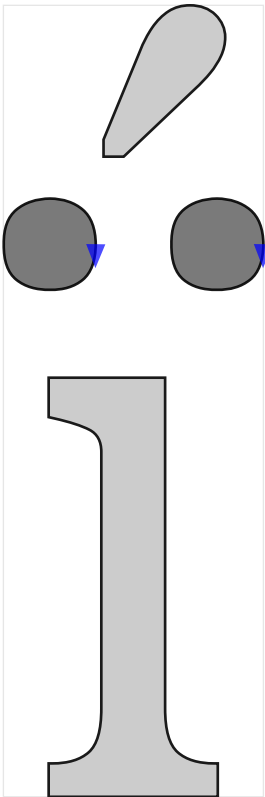
'opsz=8.0 wdth=50.0 wght=100.0'
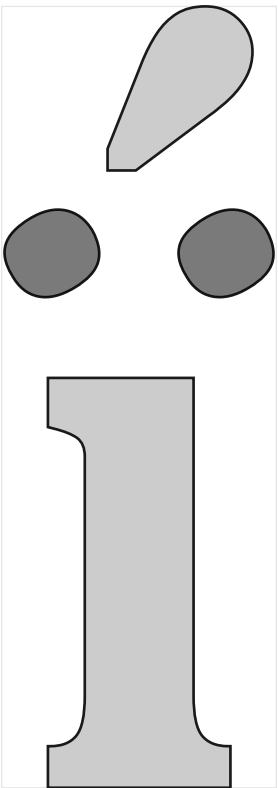
proposed fix

Glyph name: idieresisacute

tolerance: 0.17
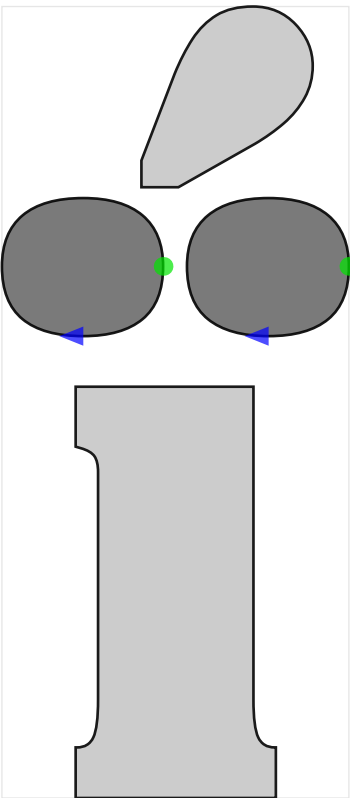
Problems: underweight, wrong_start_point
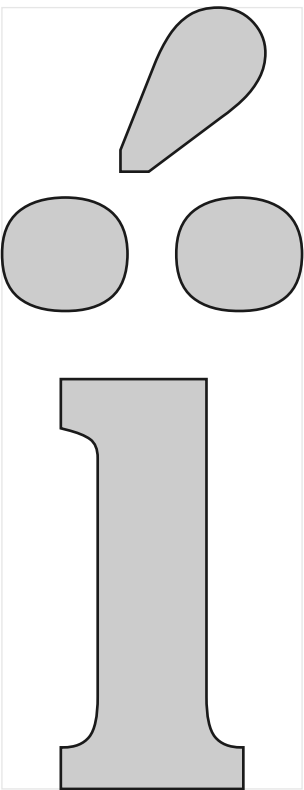
'opsz=8.0 wdth=50.0'

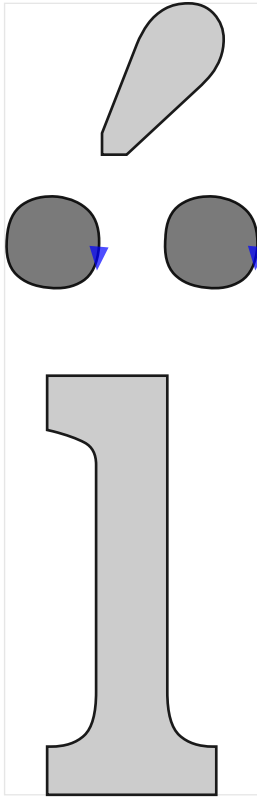midway interpolation

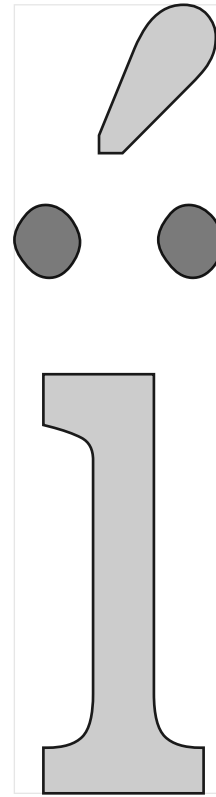'opsz=8.0 wdth=50.0 wght=900.0'

proposed fix

Glyph name: idieresisacute

tolerance: 0.02

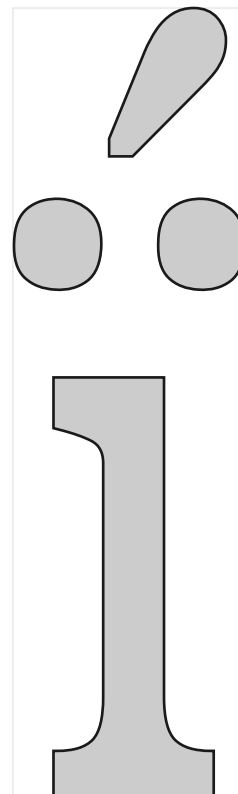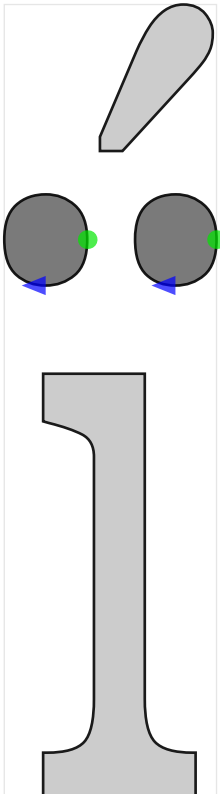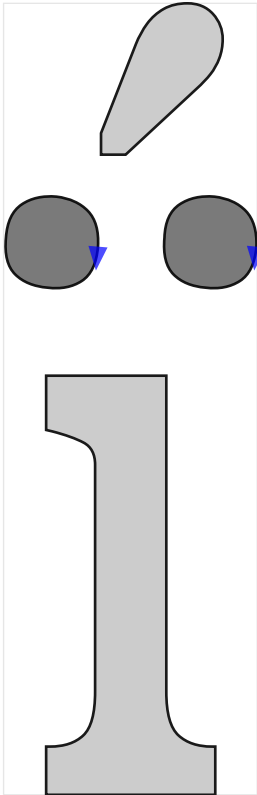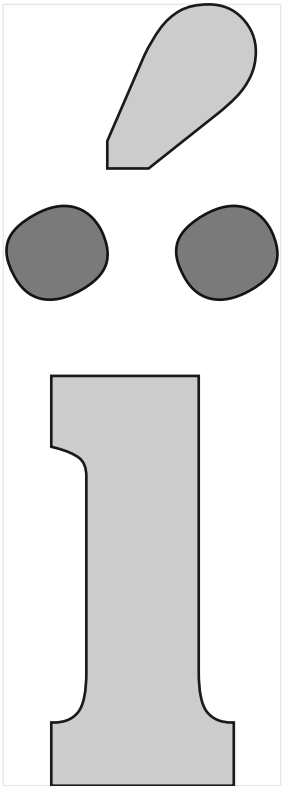Problems: underweight, wrong_start_point

'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
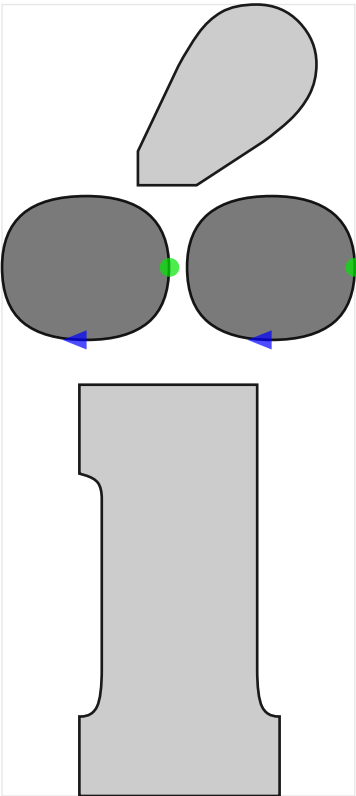
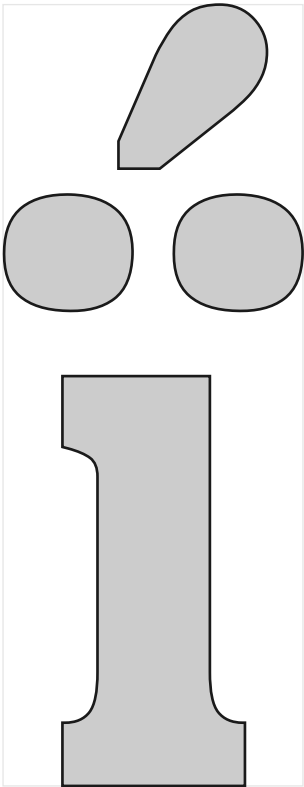Problems: underweight, wrong_start_point

'GRAD=100.0 opsz=8.0 wdth=50.0'

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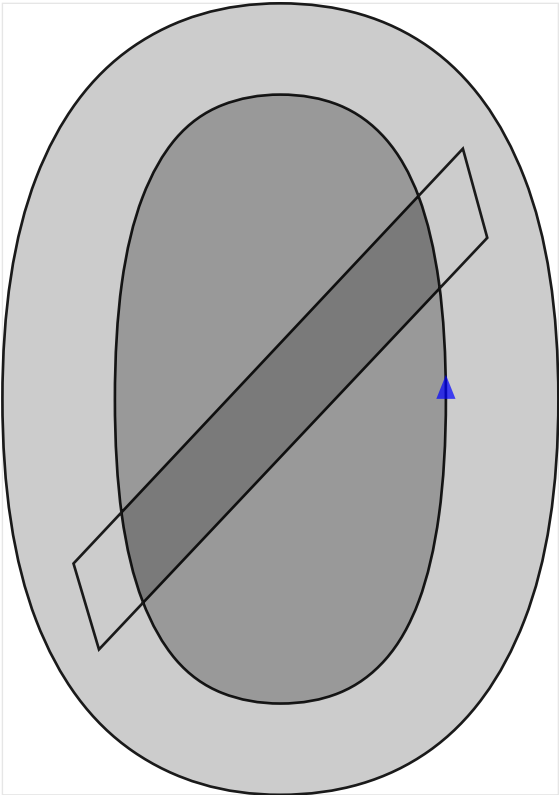
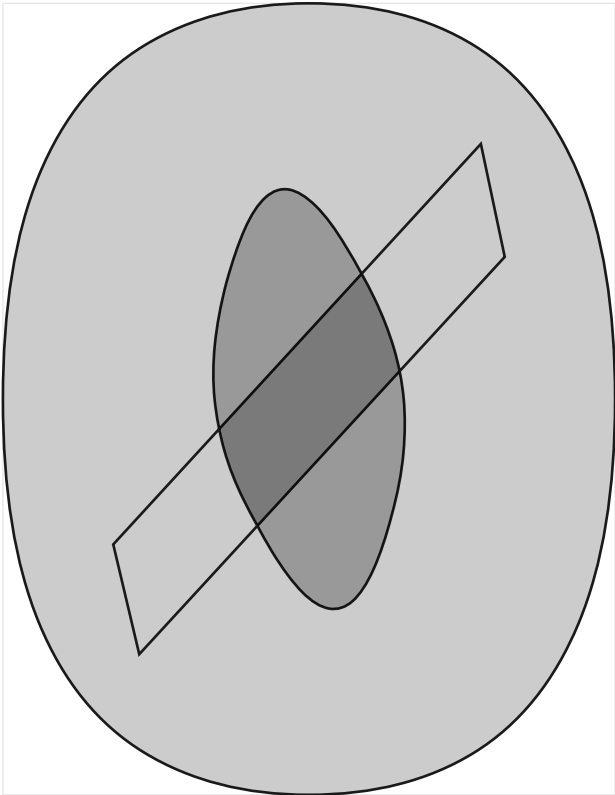'GRAD=100.0 opsz=8.0 wdth=50.0 wght=900.0'

proposed fix

Glyph name: zero.slashlin
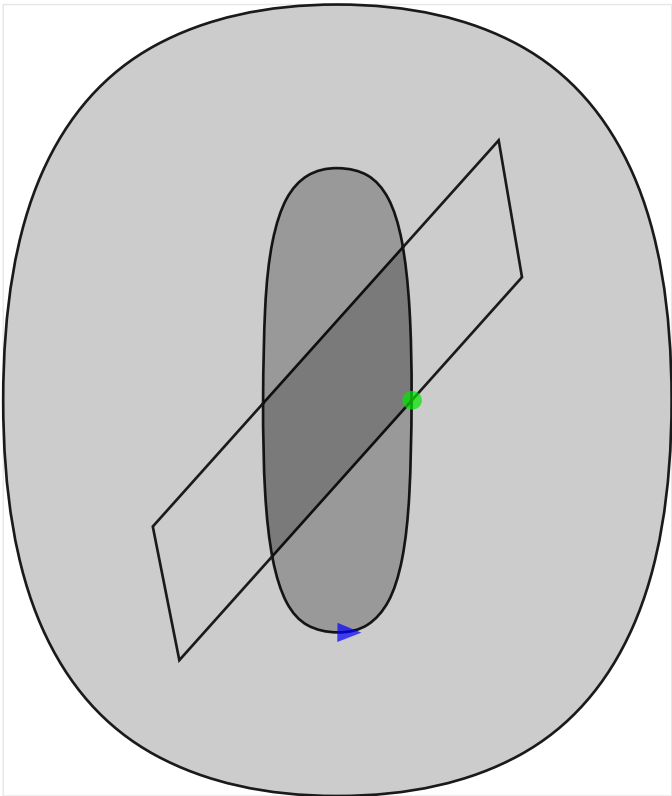
Problems: underweight, wrong_start_point

'GRAD=100.0 opsz=8.0 wdth=150.0'

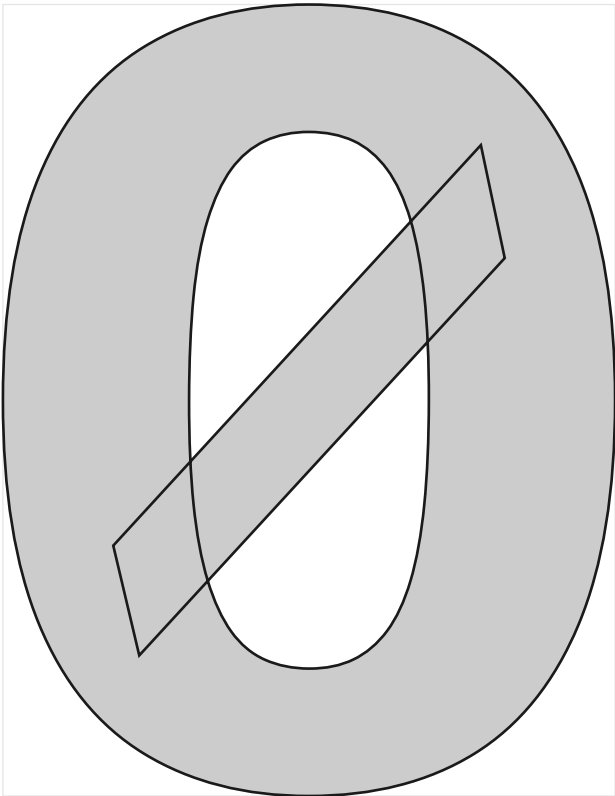midway interpolation
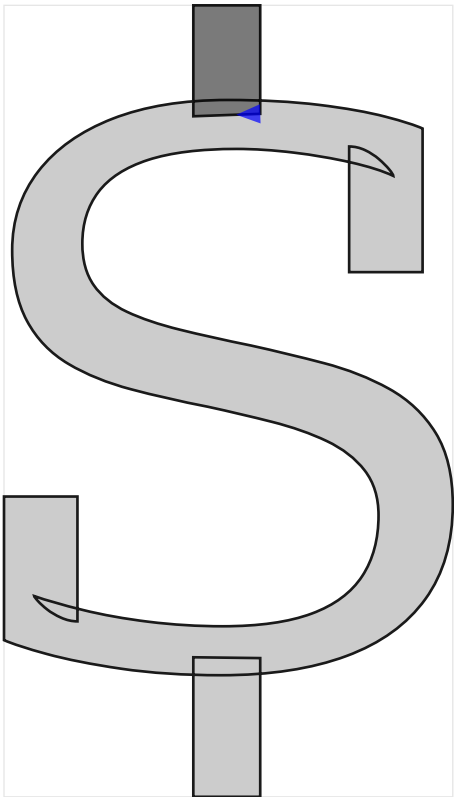
'GRAD=100.0 opsz=8.0 wdth=150.0 wght=900.0'
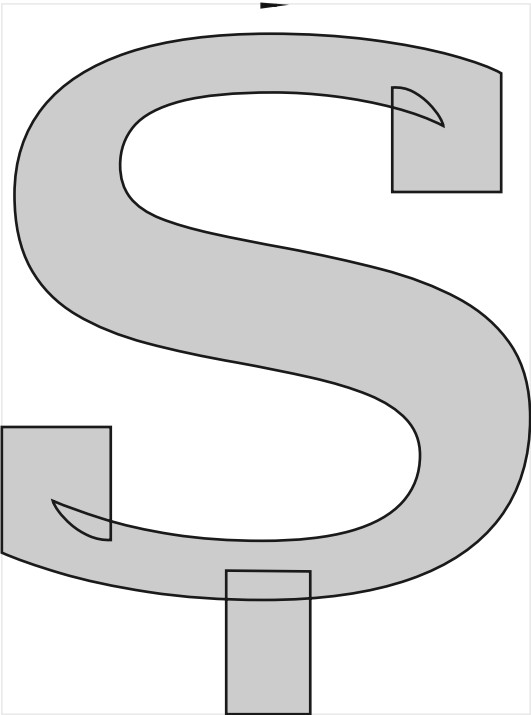
proposed fix

Glyph name: dollar.altprop

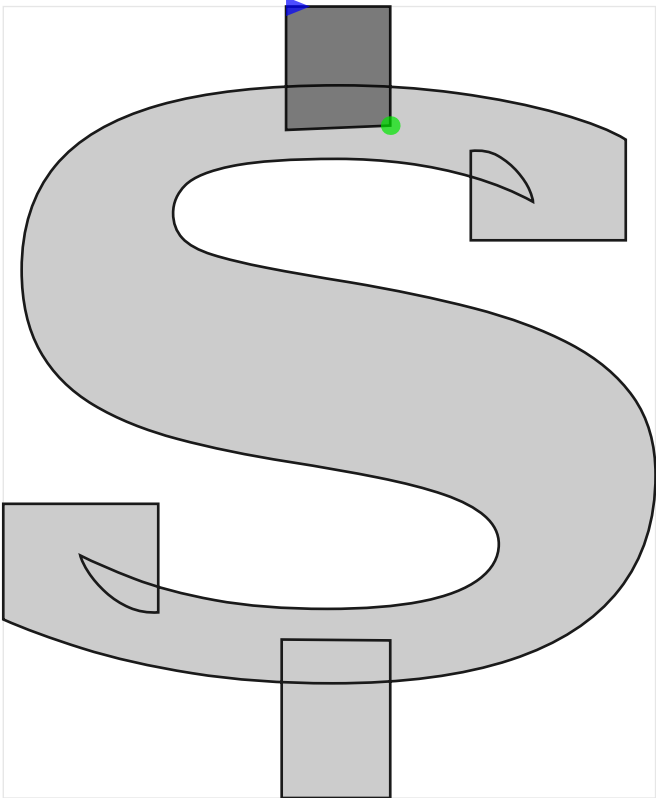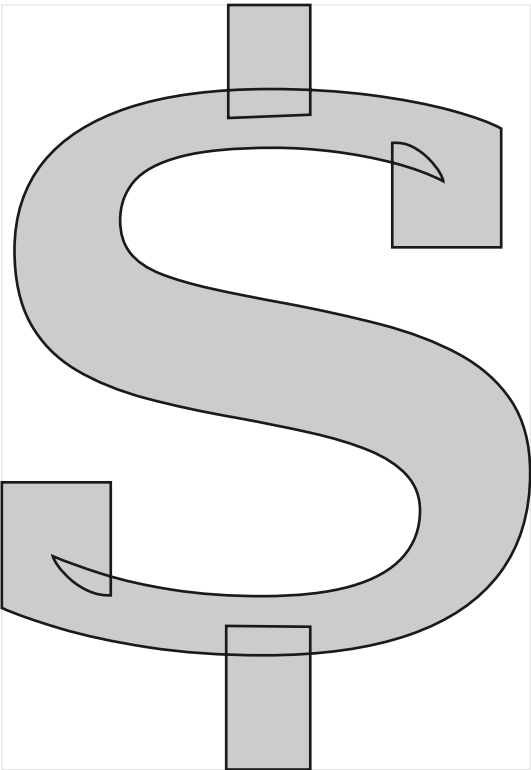Problems: underweight, wrong_start_point

'opsz=8.0 wdth=150.0'

midway interpolation

'opsz=8.0 wdth=150.0 wght=900.0'

proposed fix

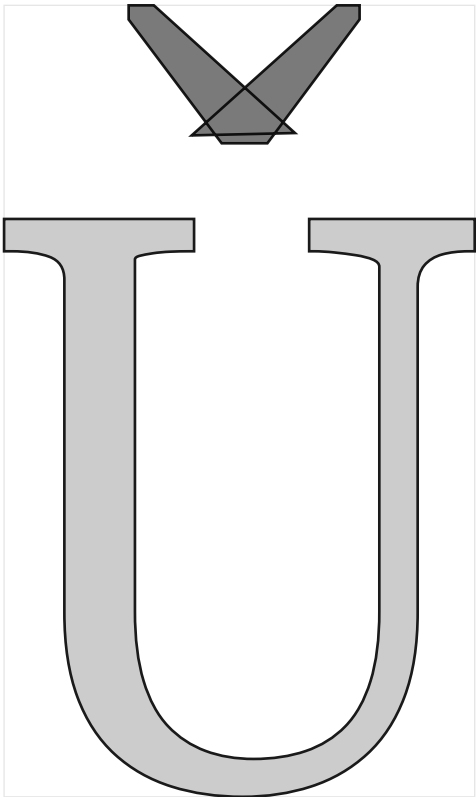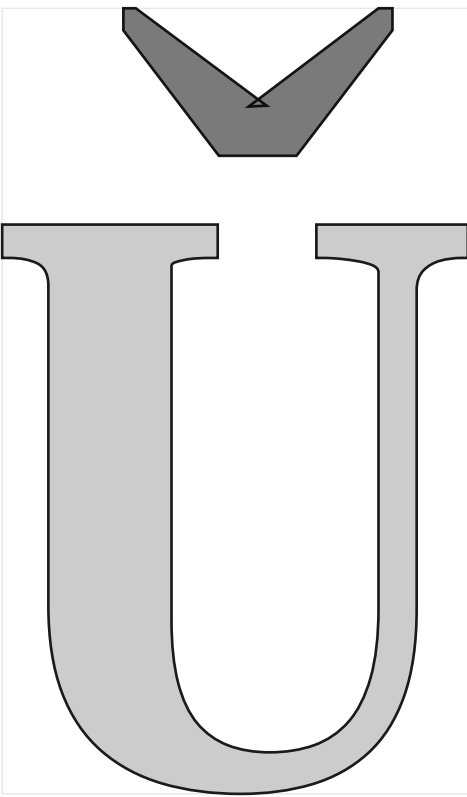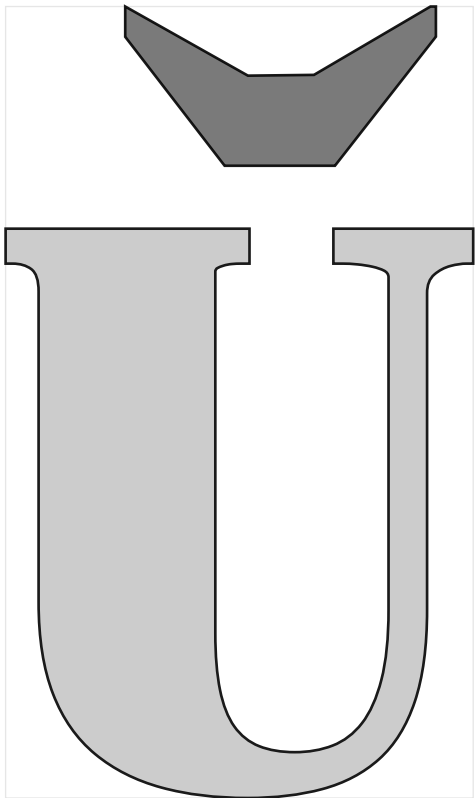# Glyph name: Ucaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

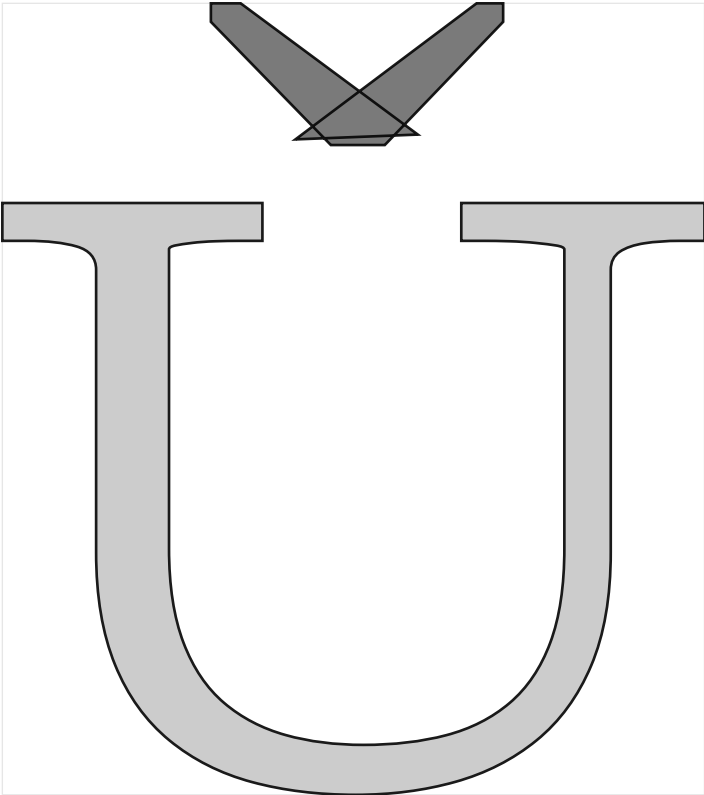# Glyph name: Ucaron

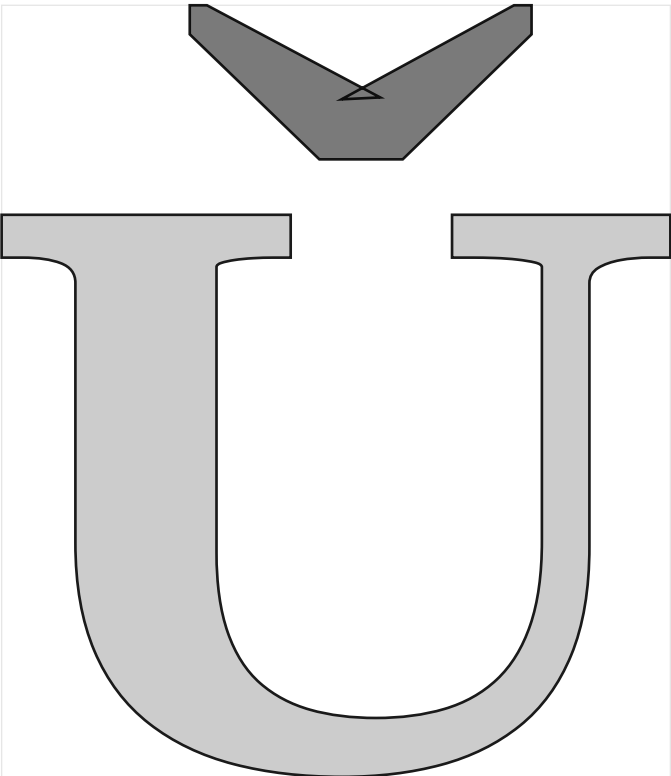Problems: underweight

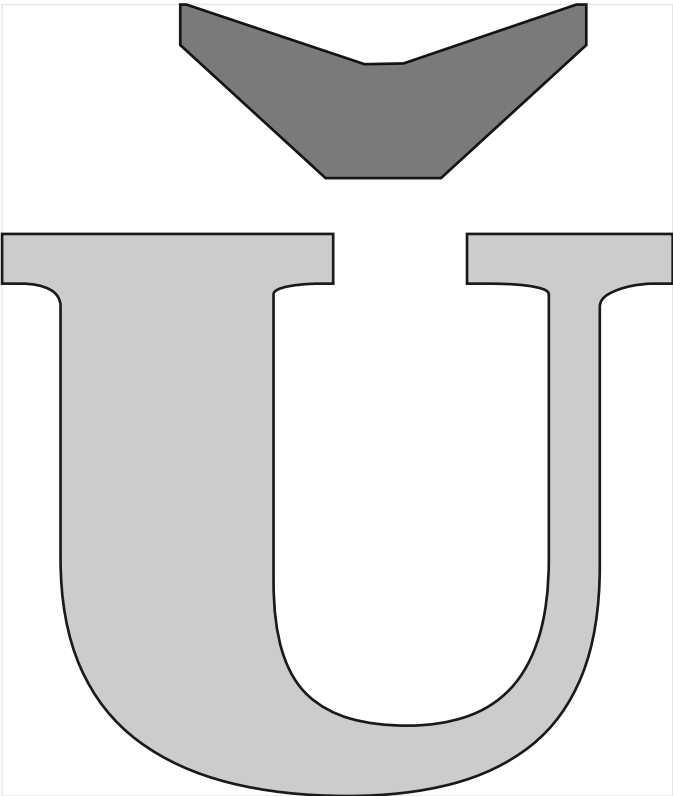'GRAD=−50.0 opsz=8.0 wdth=150.0'

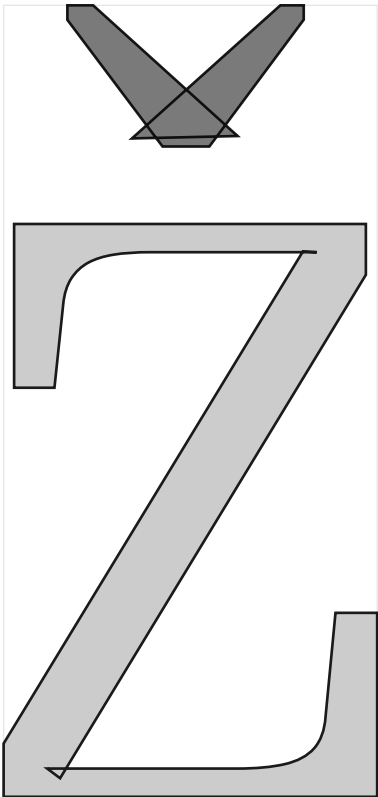midway interpolation

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

Glyph name: Zcaron

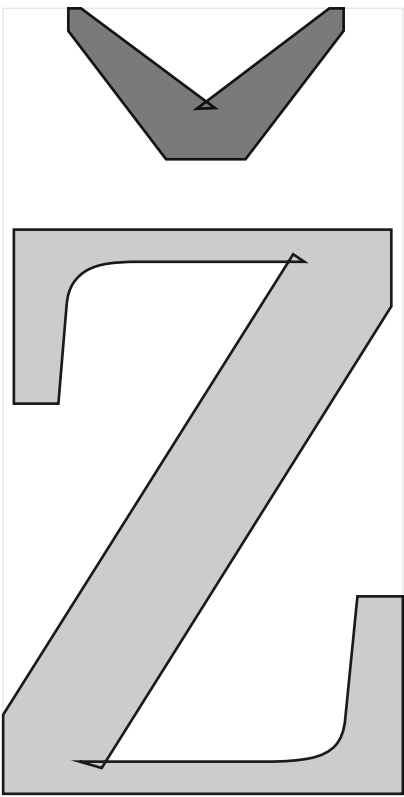**Problems: underweight**
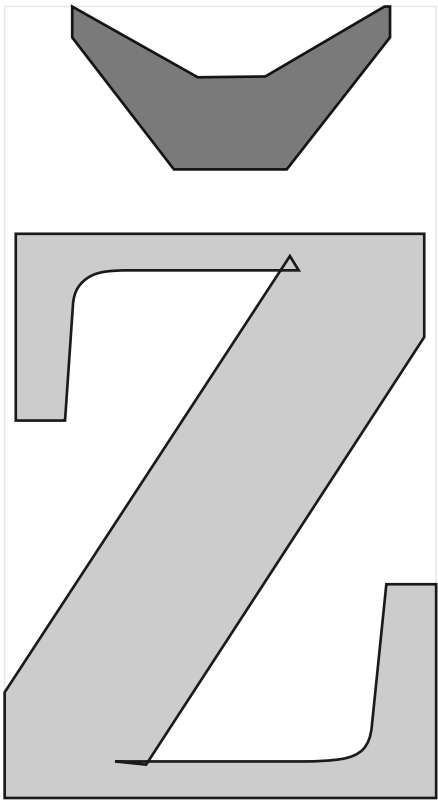
'GRAD=−50.0 opsz=8.0 wdth=50.0'
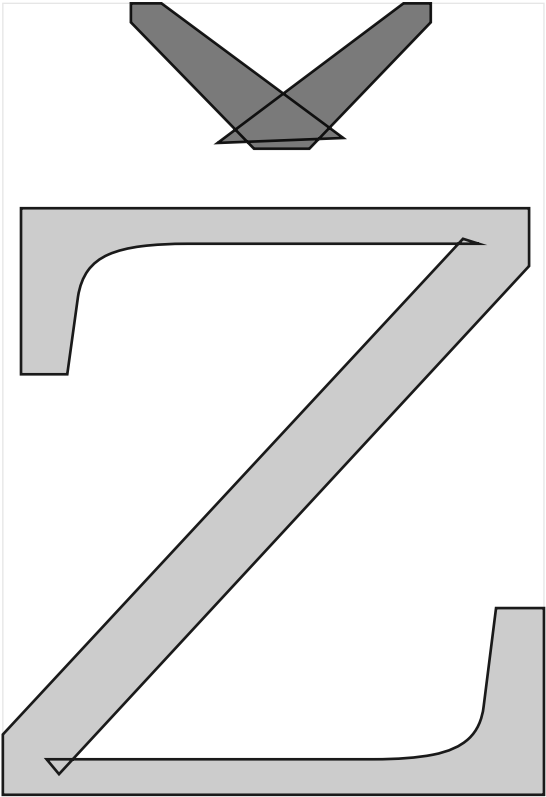
midway interpolation

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

Glyph name: Zcaron

Problems: 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: Udieresiscaron
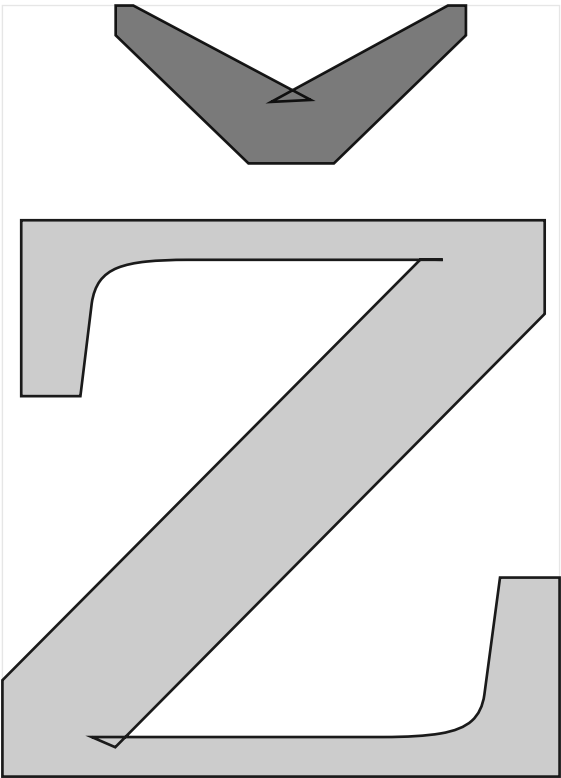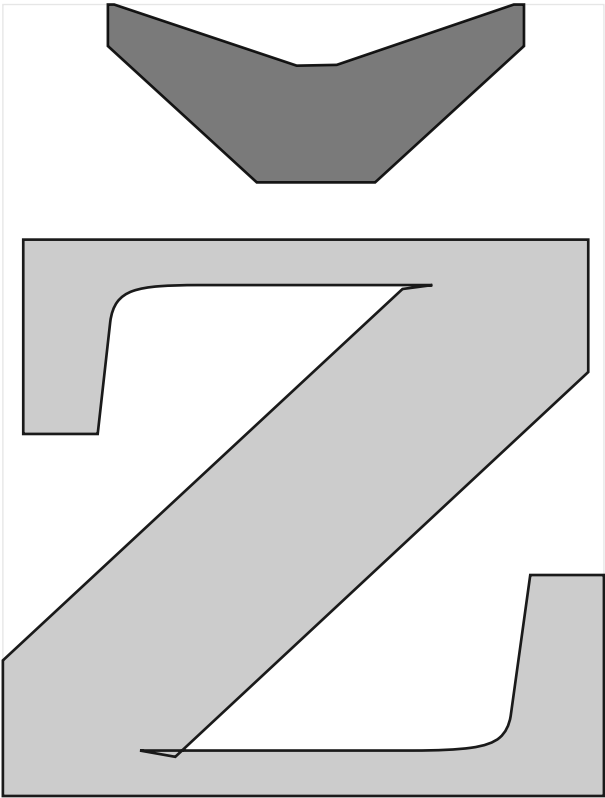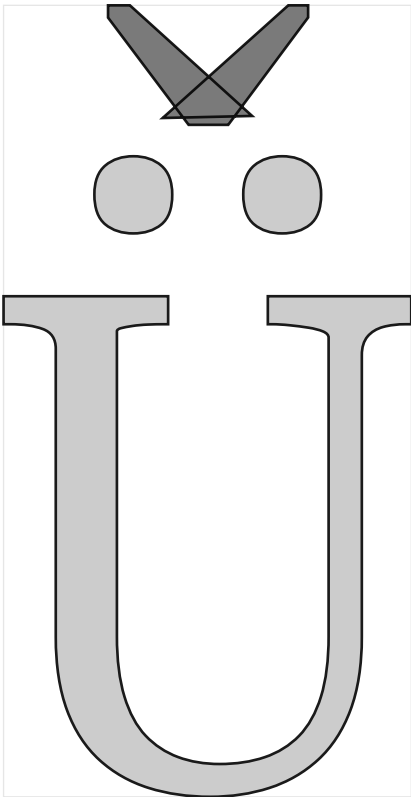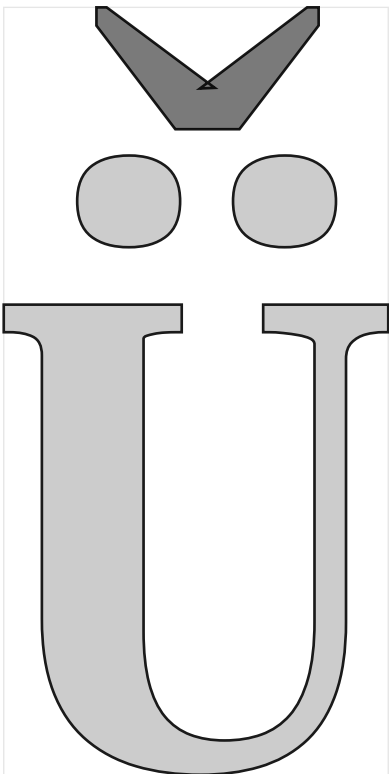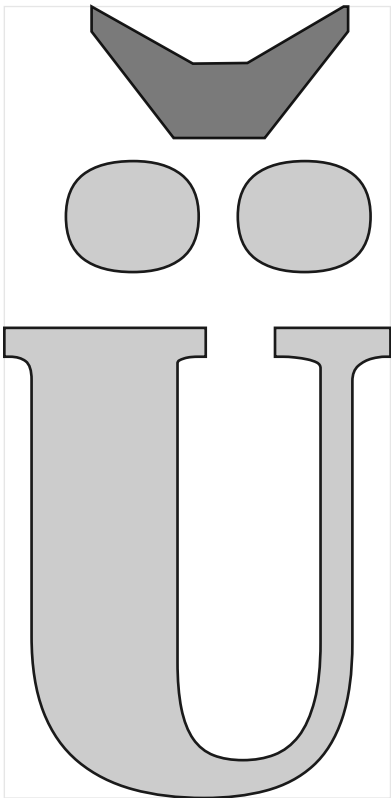
Problems: underweight

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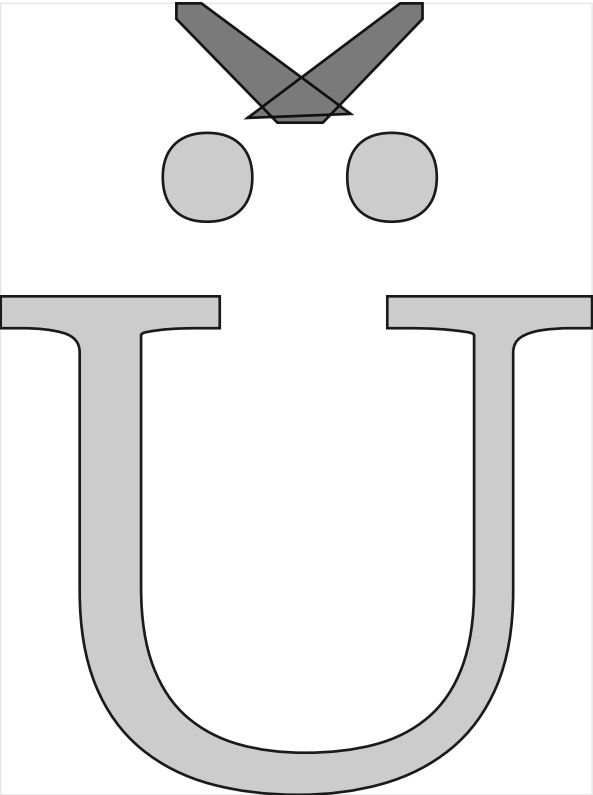
midway interpolation

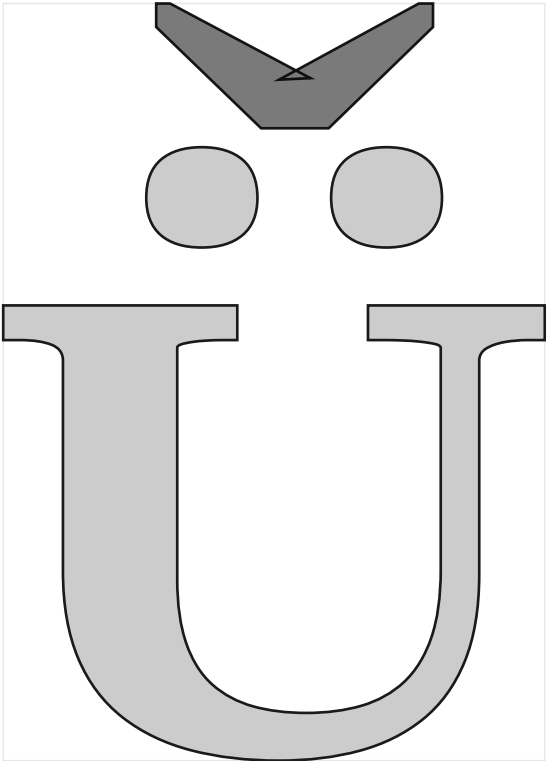'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'
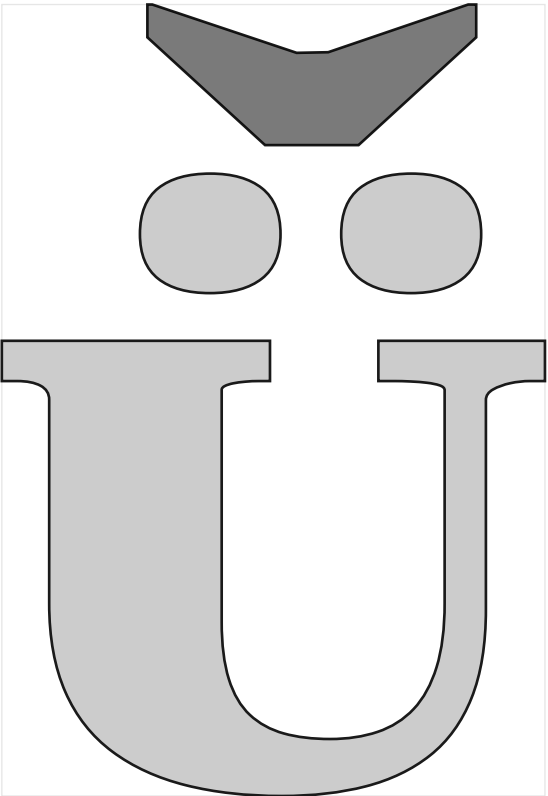
Glyph name: Udieresiscaron

Problems: 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: Icaron
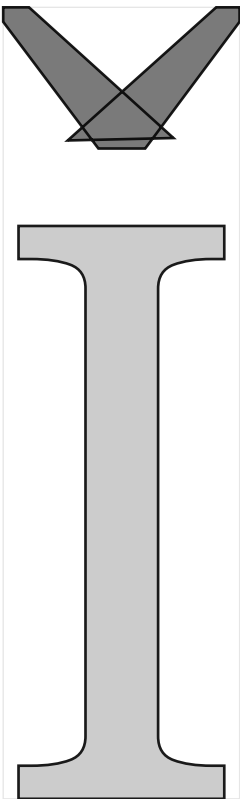
Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: Icaron

Problems: 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: Ecaron

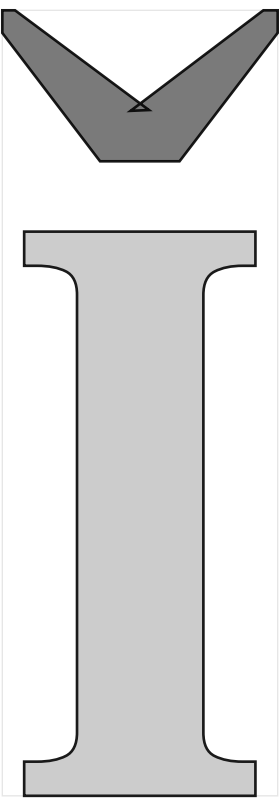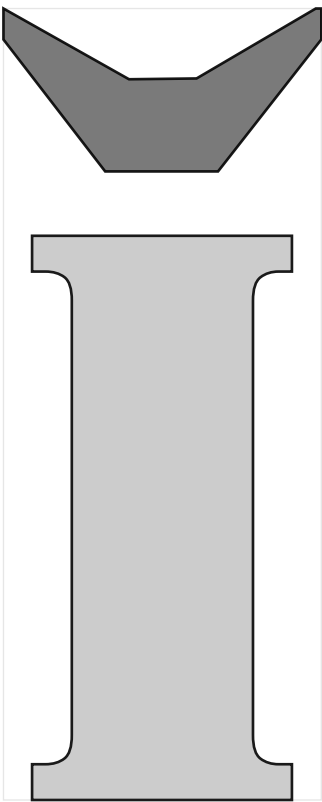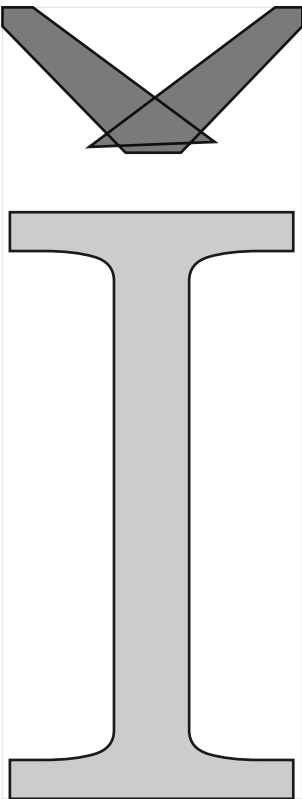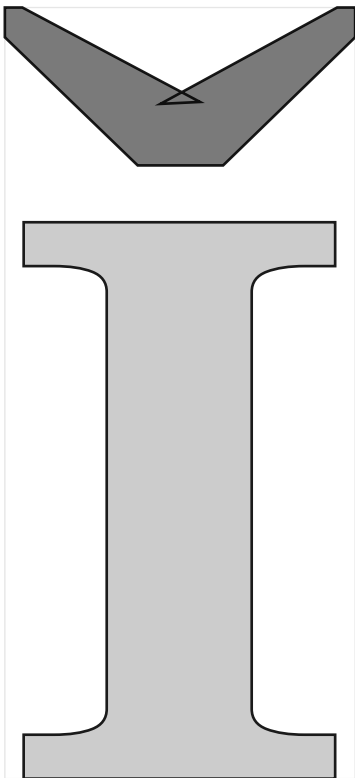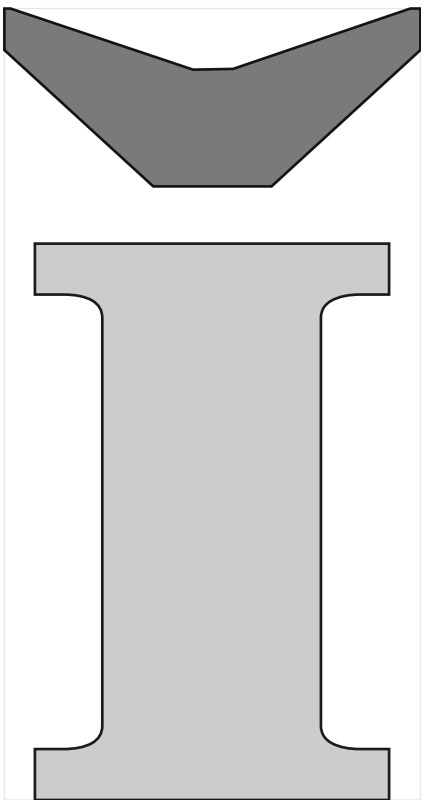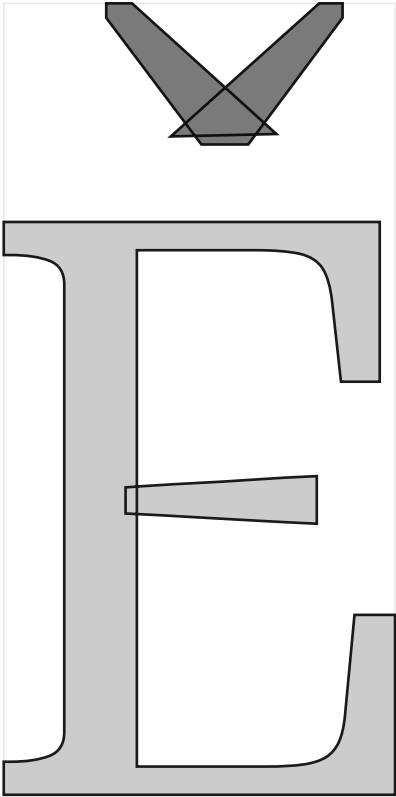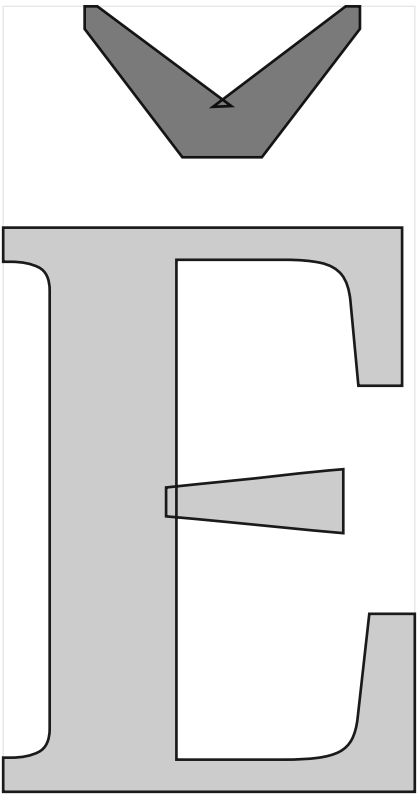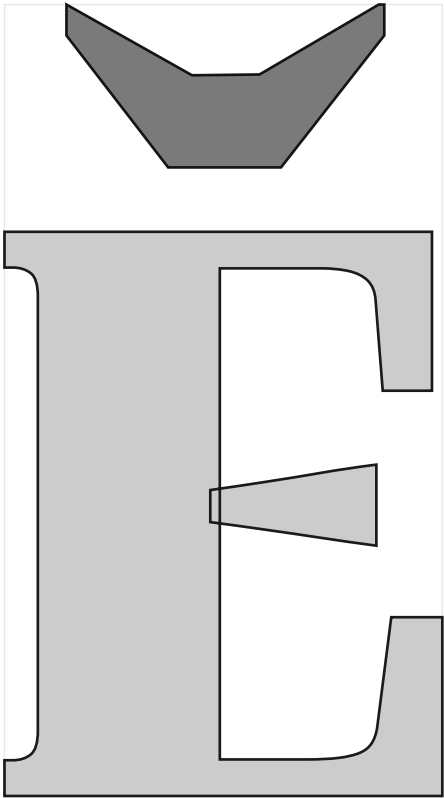Problems: underweight

’GRAD=−50.0 opsz=8.0 wdth=50.0’

midway interpolation

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

Glyph name: Ecaron

Problems: underweight

’GRAD=−50.0 opsz=8.0 wdth=150.0’

midway interpolation

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

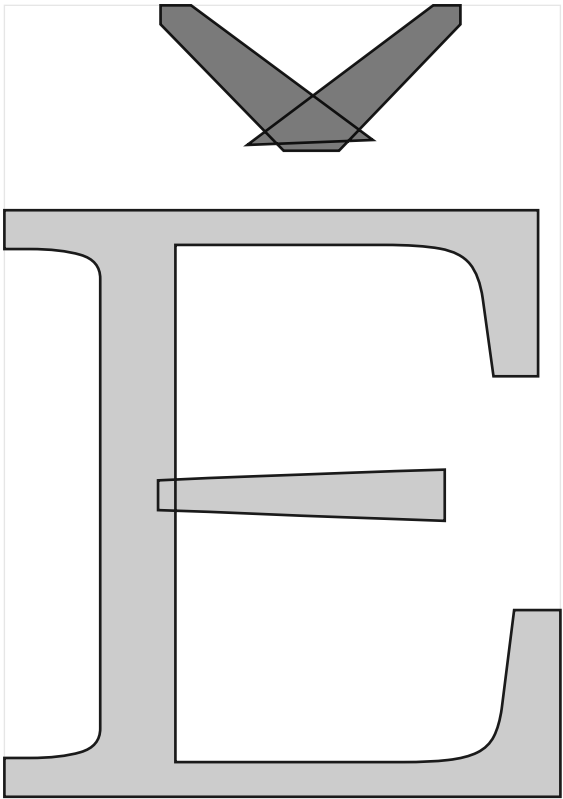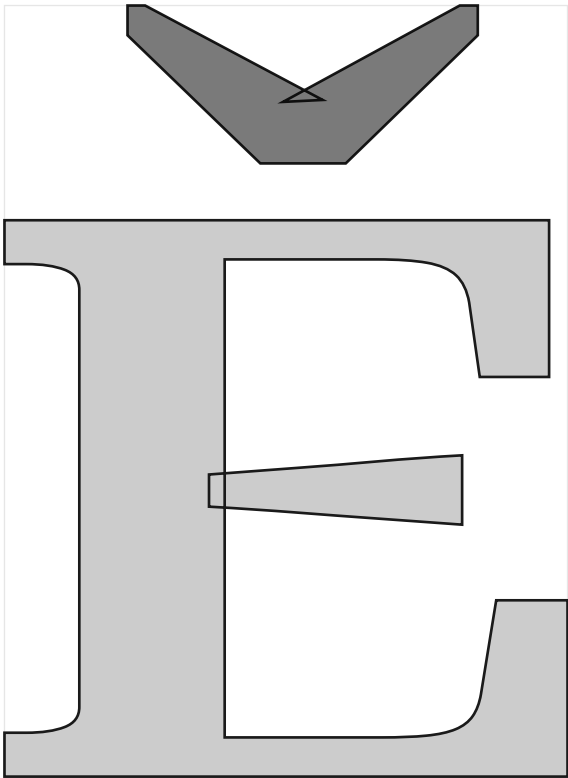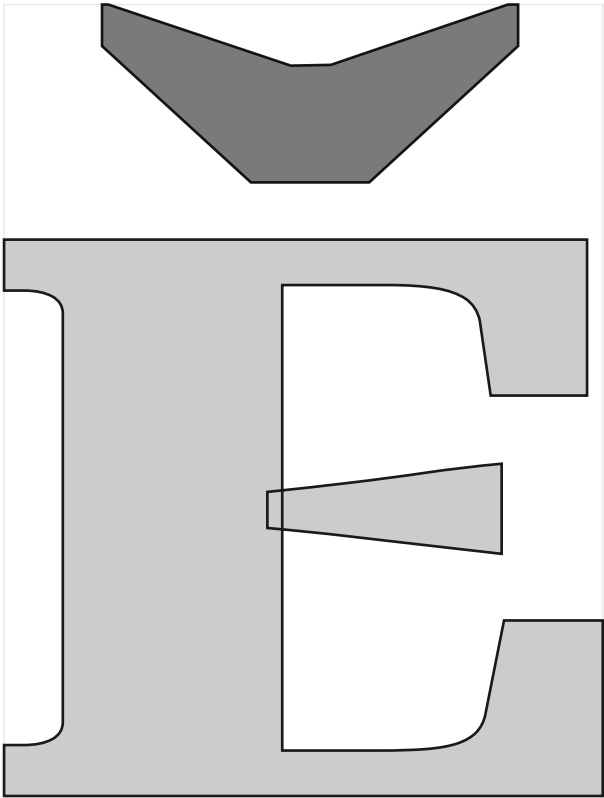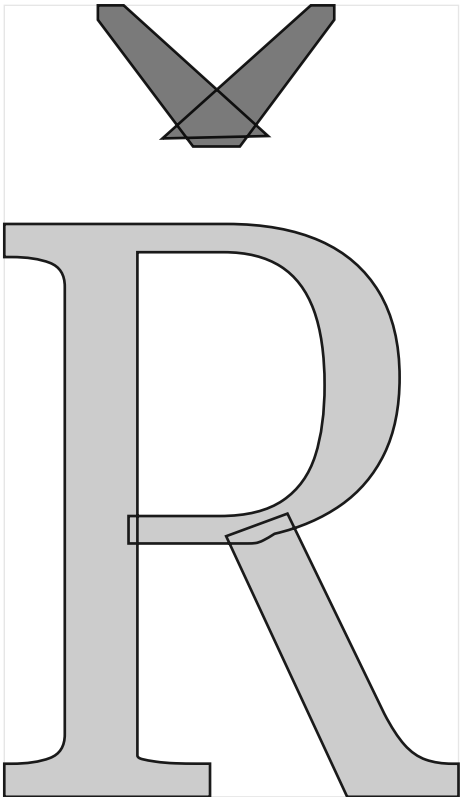# Glyph name: Rcaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: Rcaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

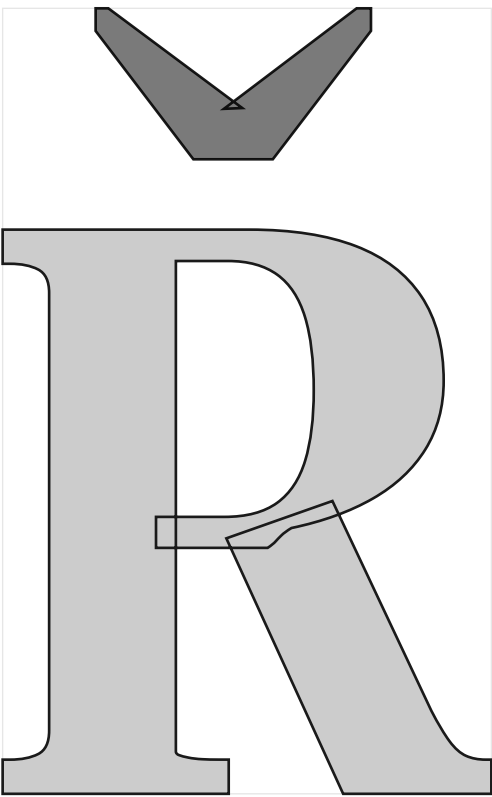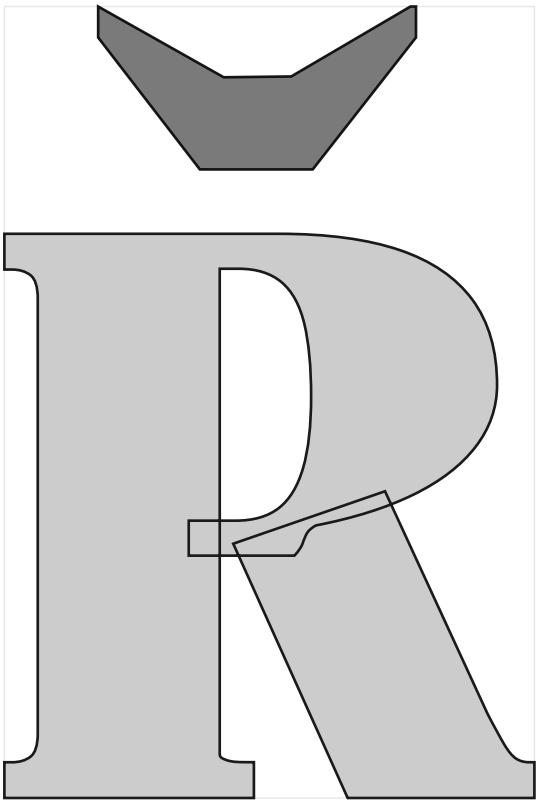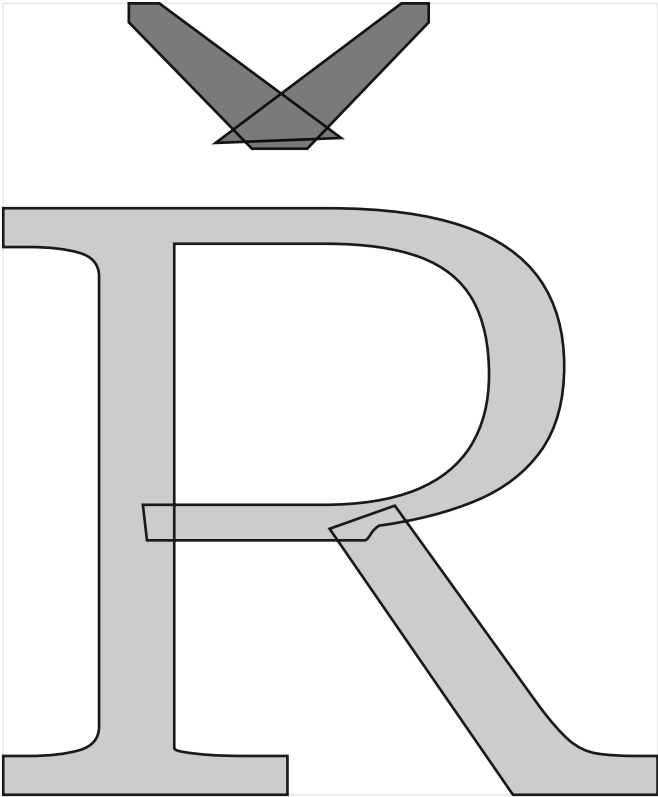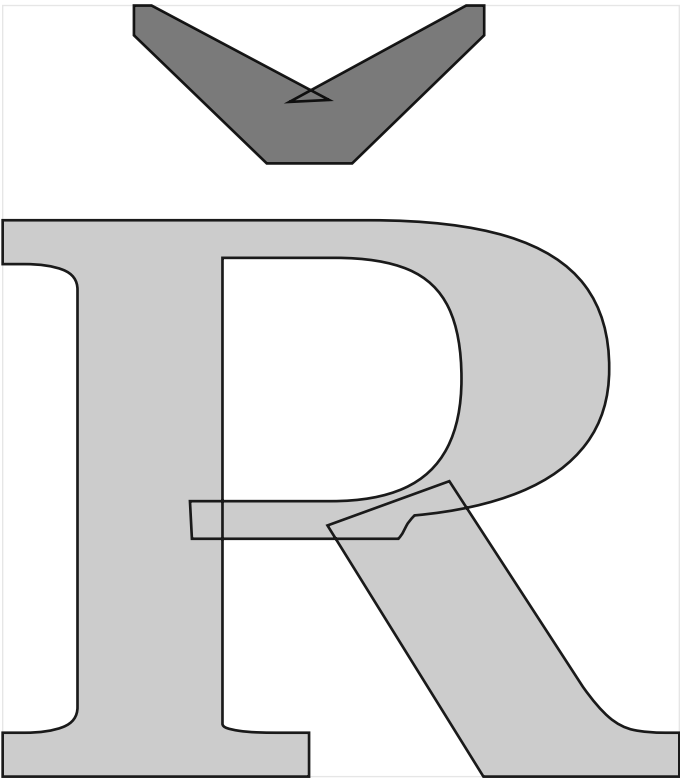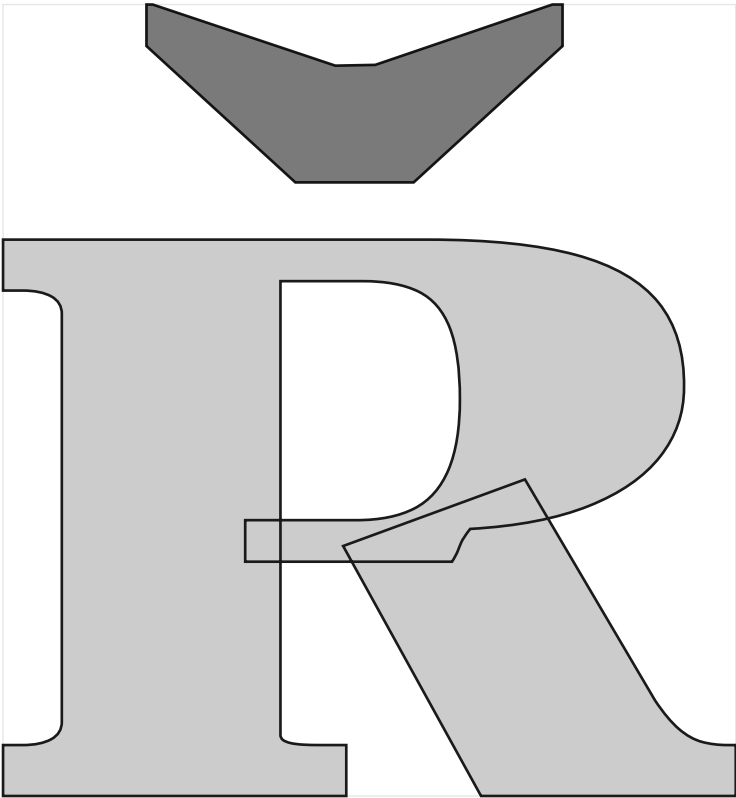'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

Glyph name: Ecaron.alt

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

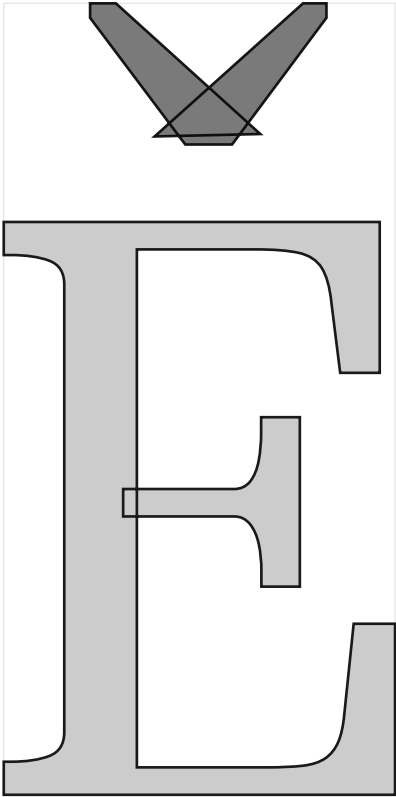midway interpolation

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

Glyph name: Ecaron.alt

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

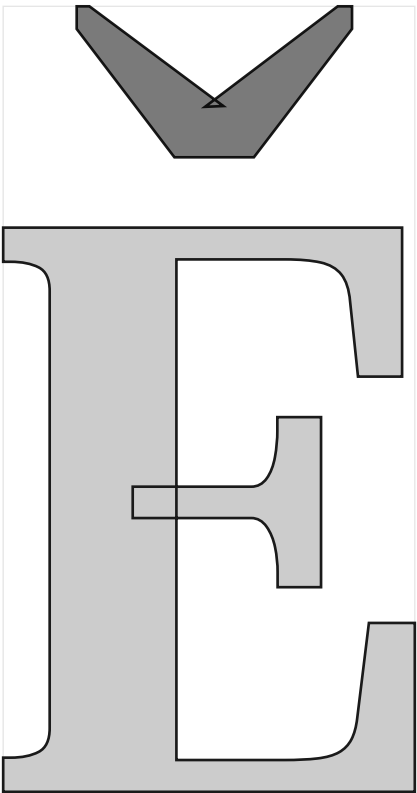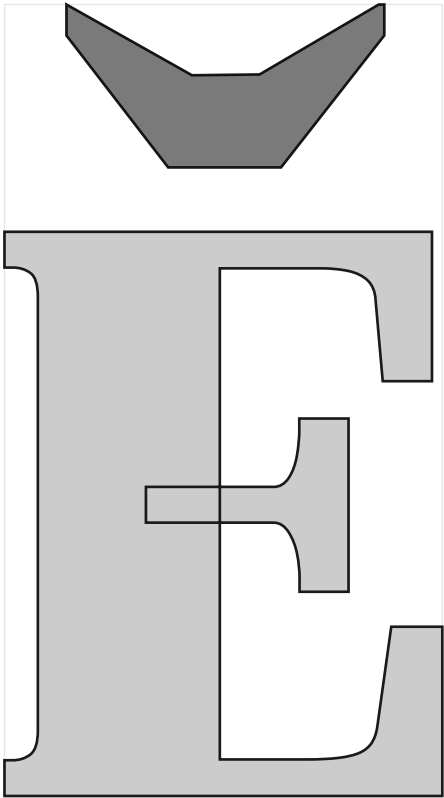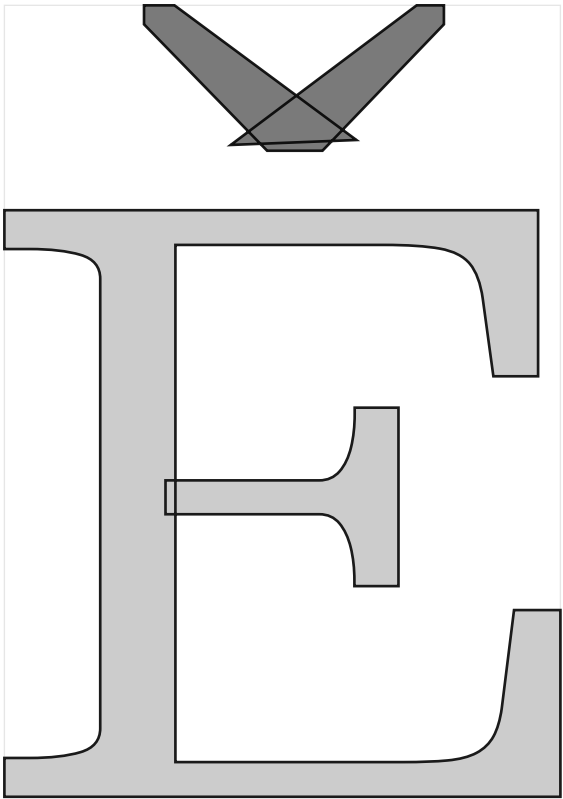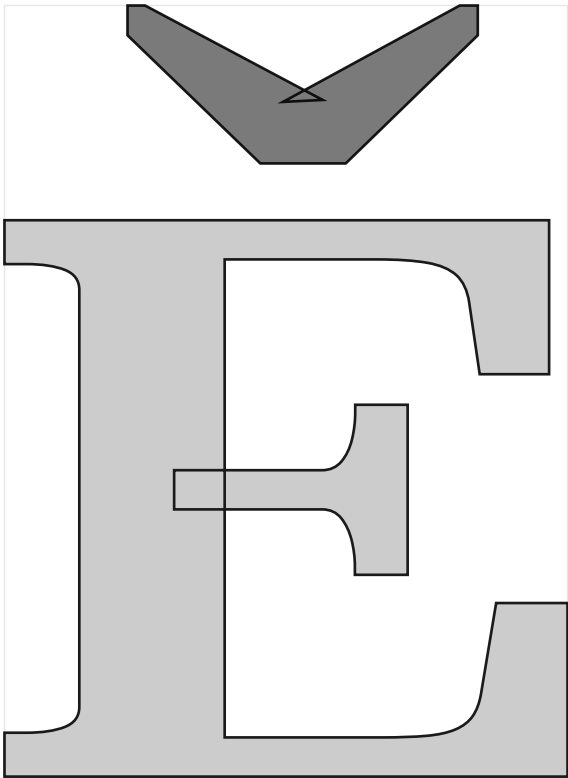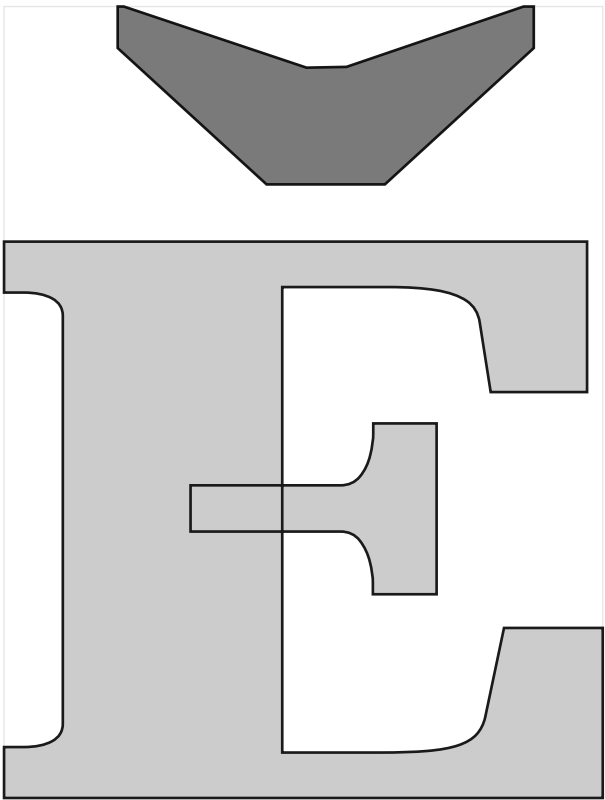'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

Glyph name: Ncaron

Problems: underweight

’GRAD=−50.0 opsz=8.0 wdth=50.0’

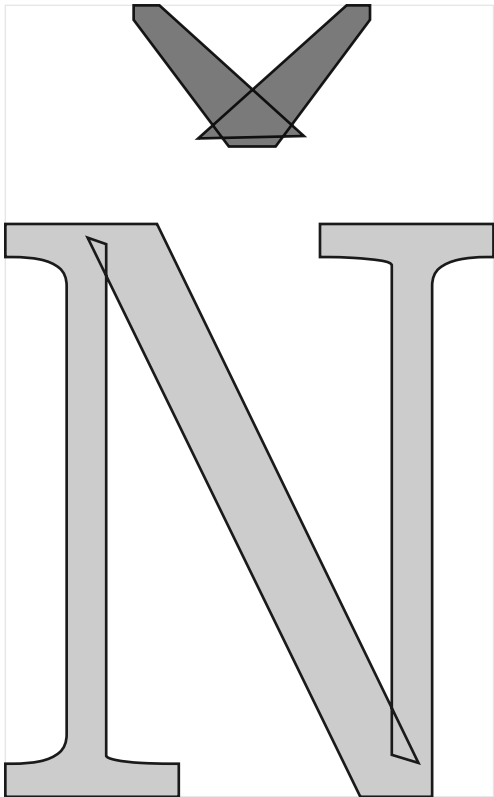midway interpolation

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

Glyph name: Ncaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

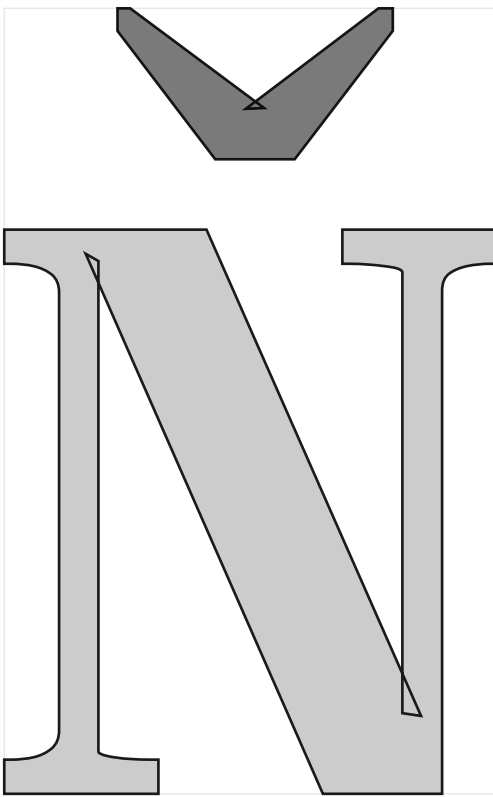'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

Glyph name: Acaron

Problems: underweight

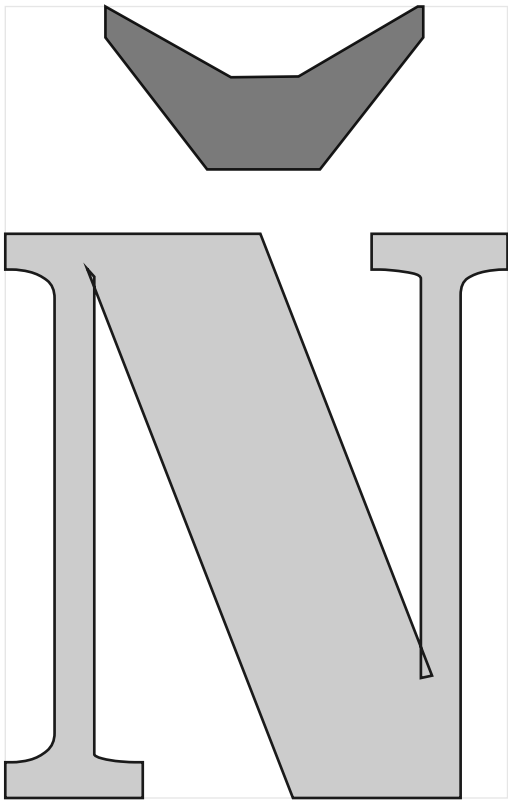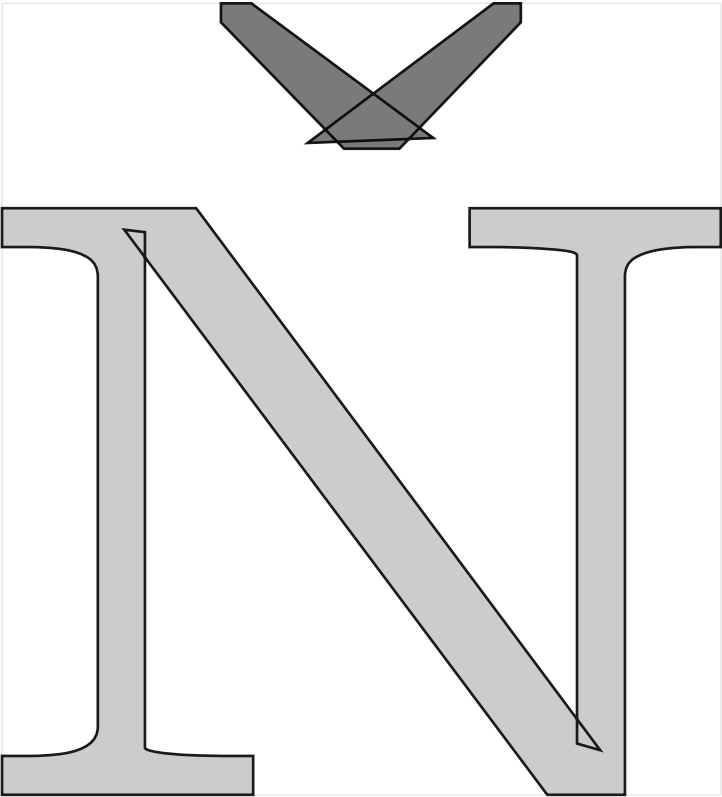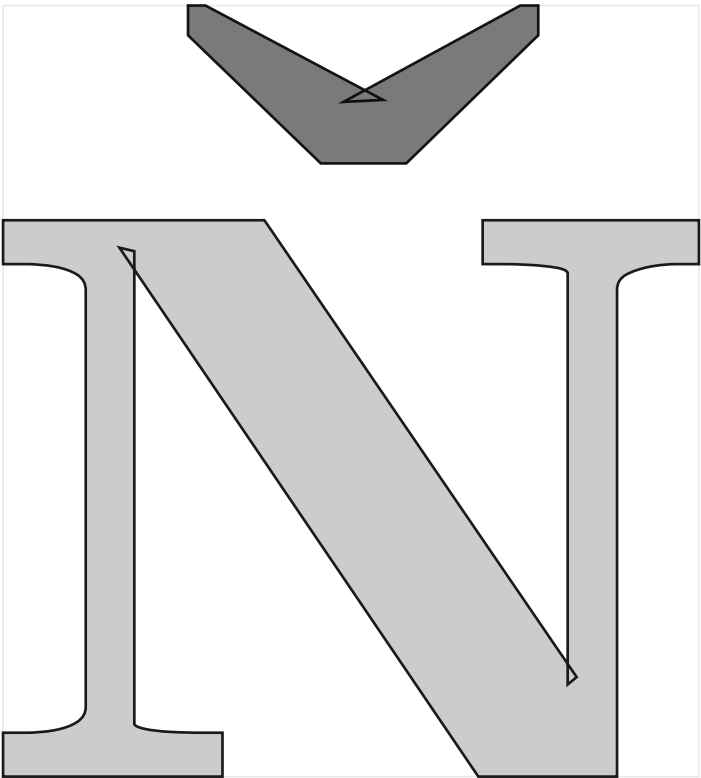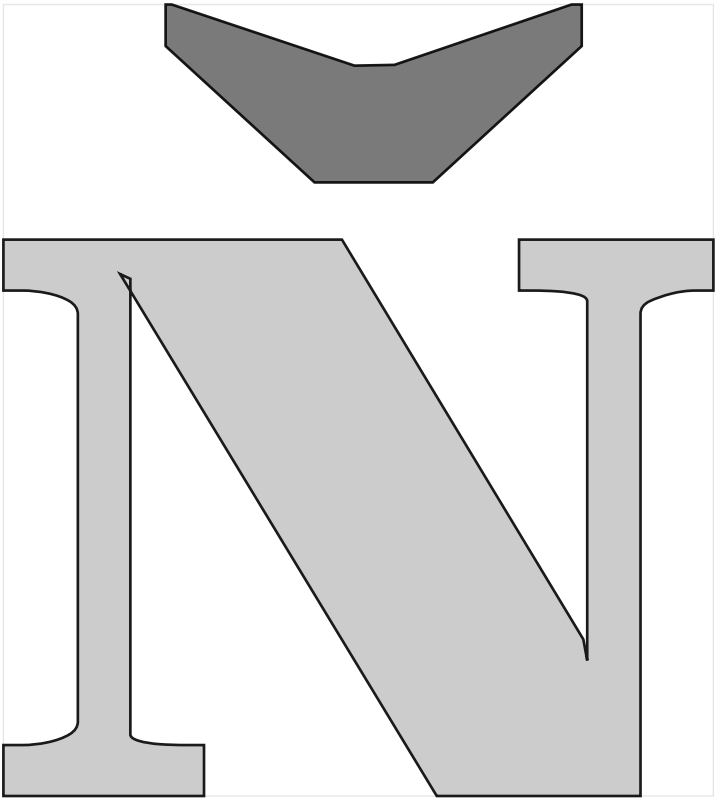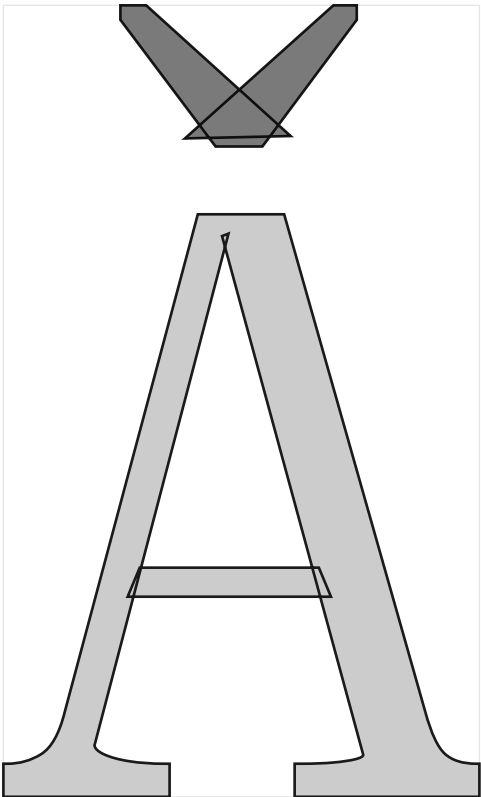'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: Acaron

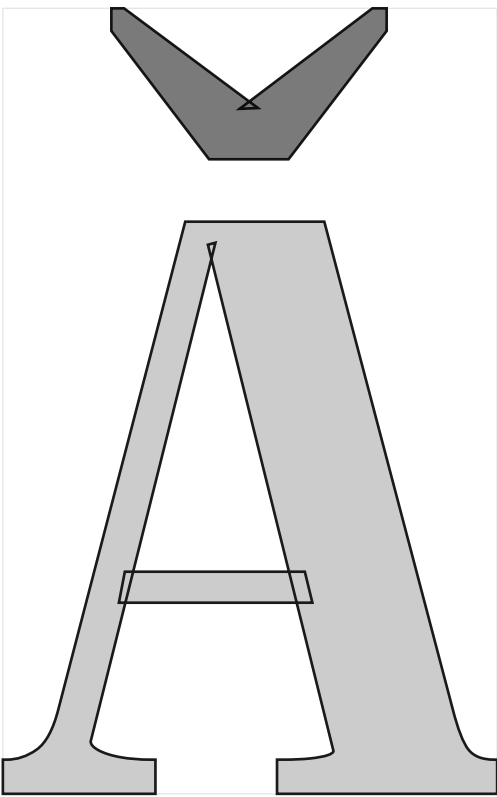Problems: underweight

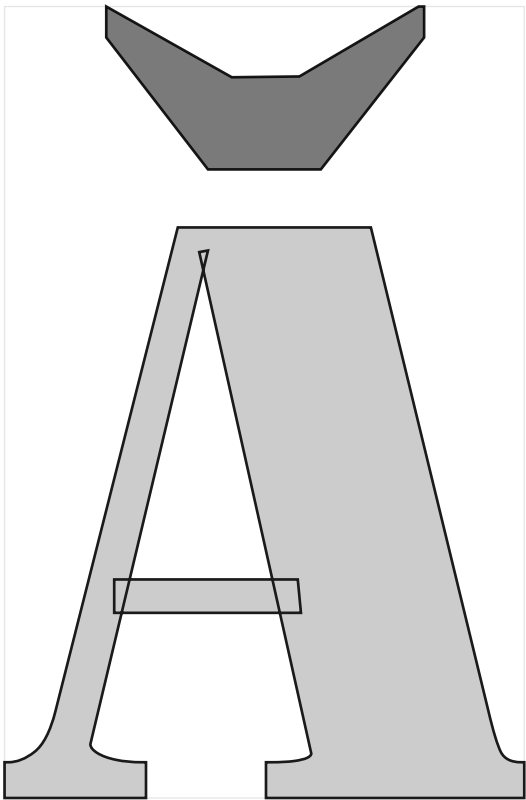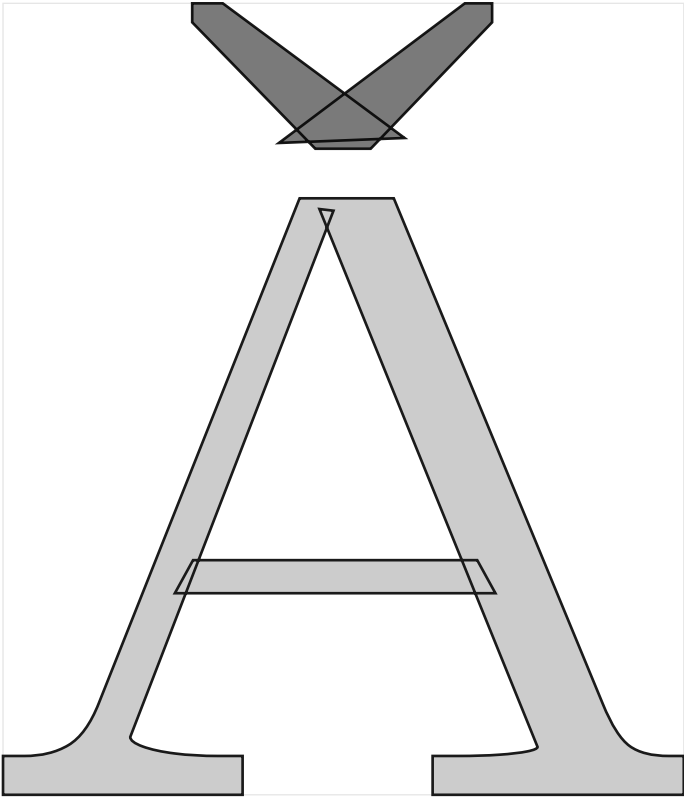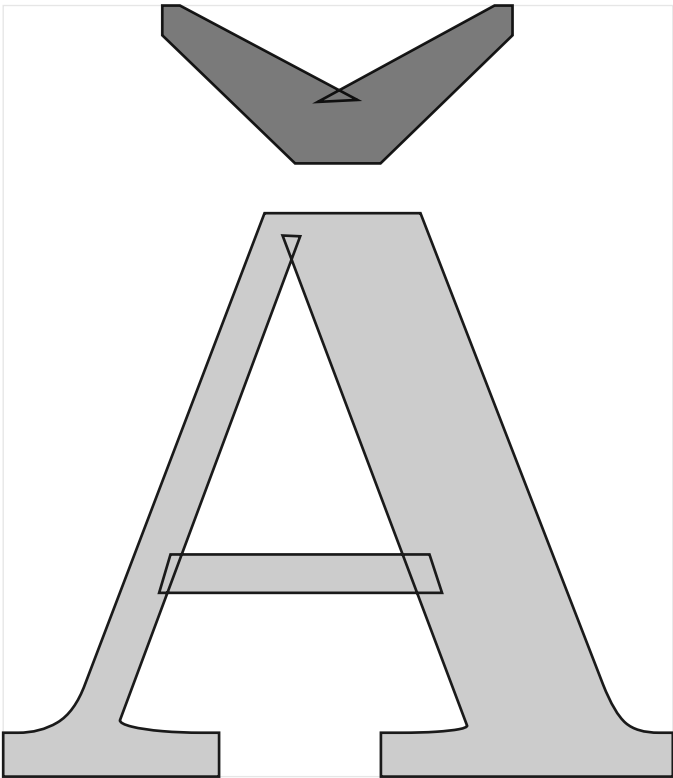'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

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

Glyph name: Ccaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: Ccaron

Problems: underweight

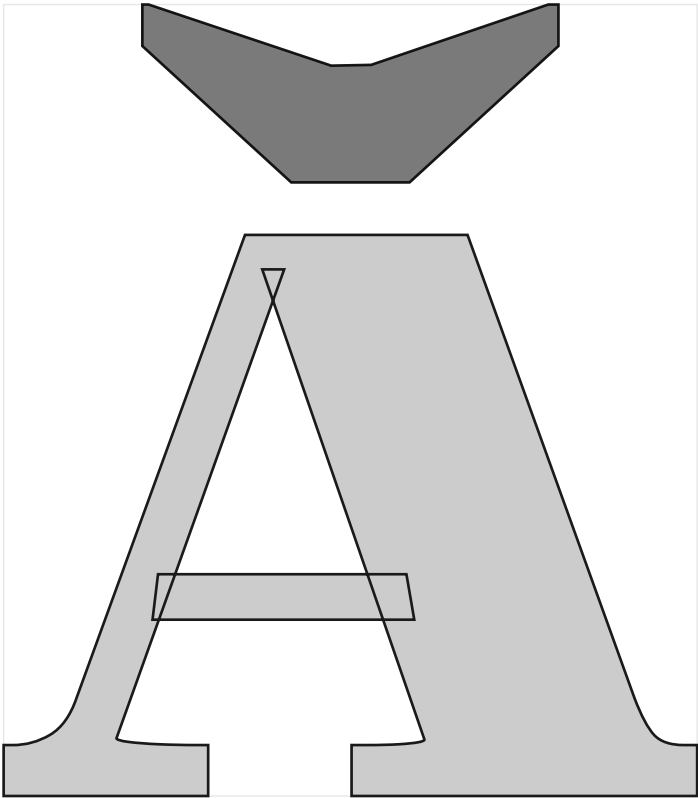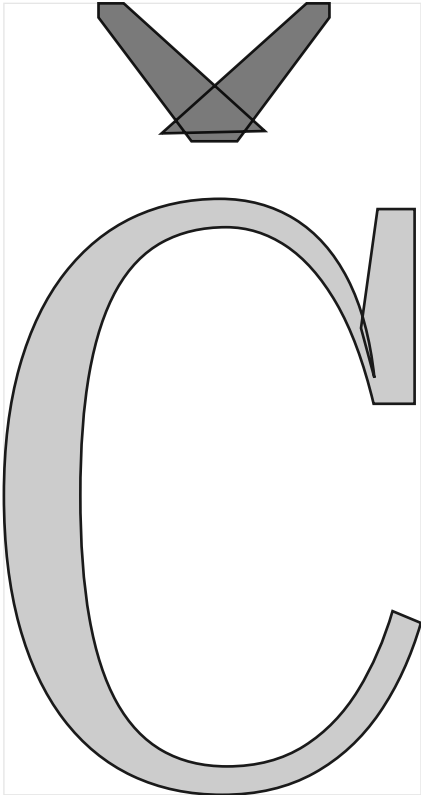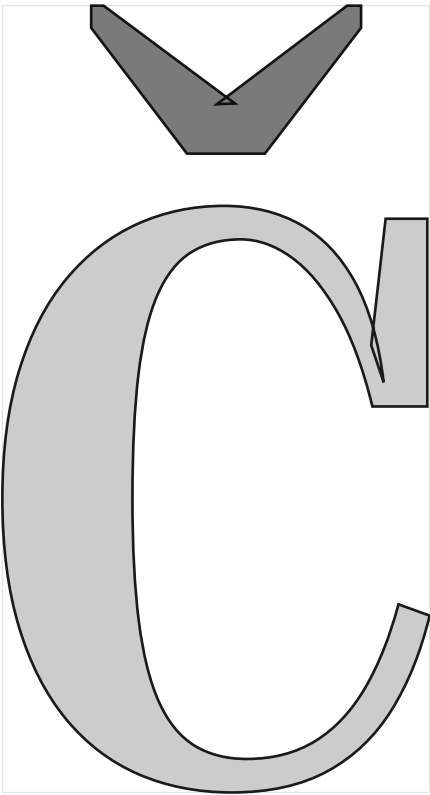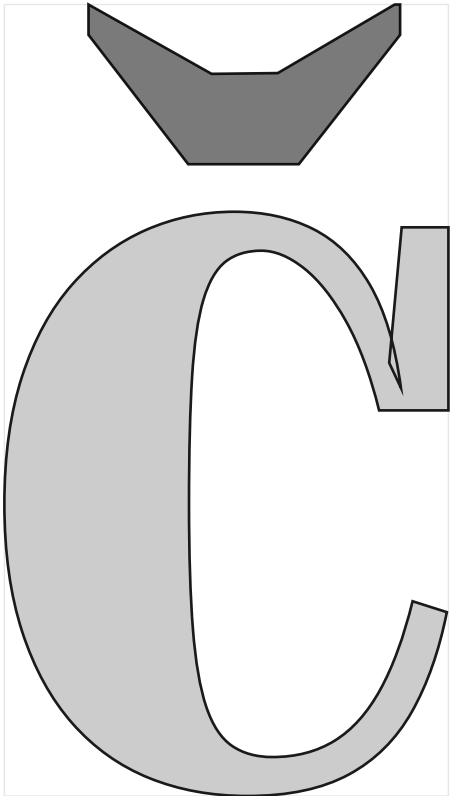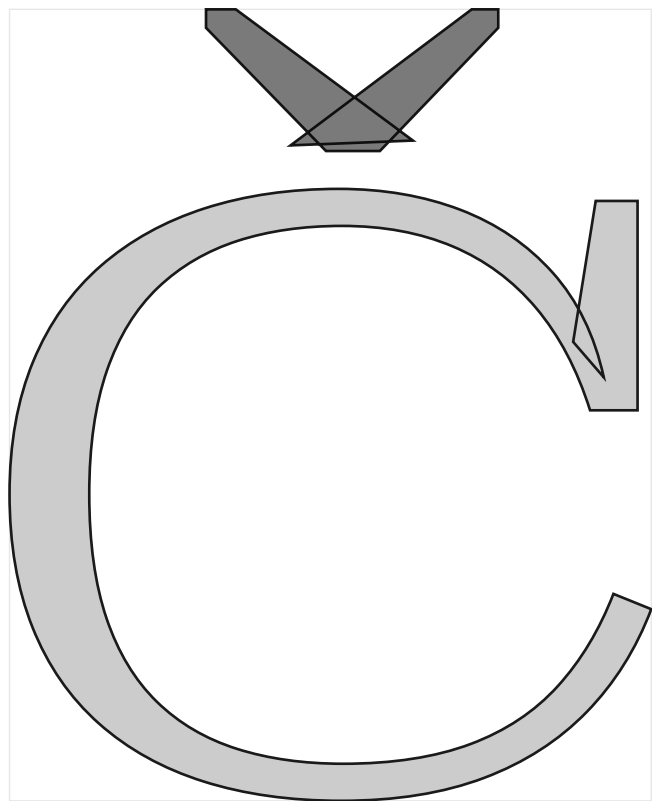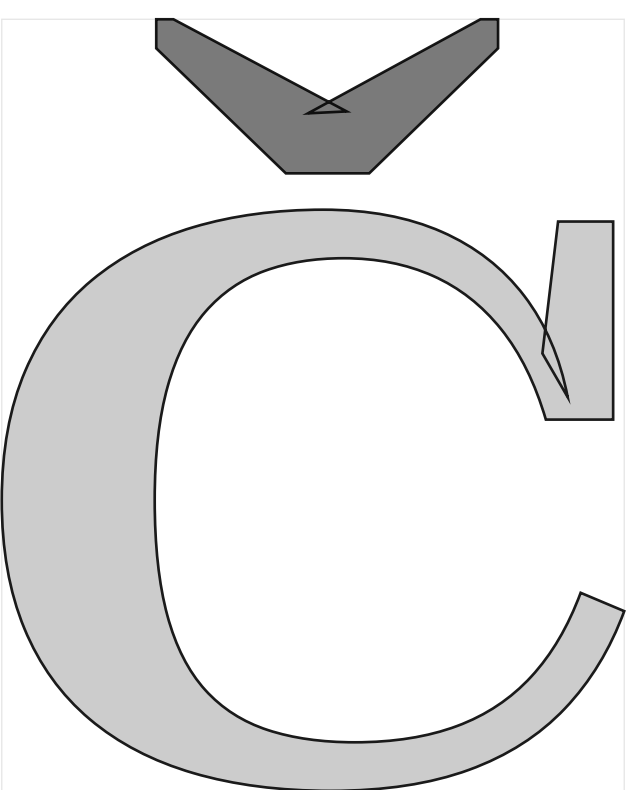'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

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

Glyph name: Dcaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: Dcaron

Problems: underweight

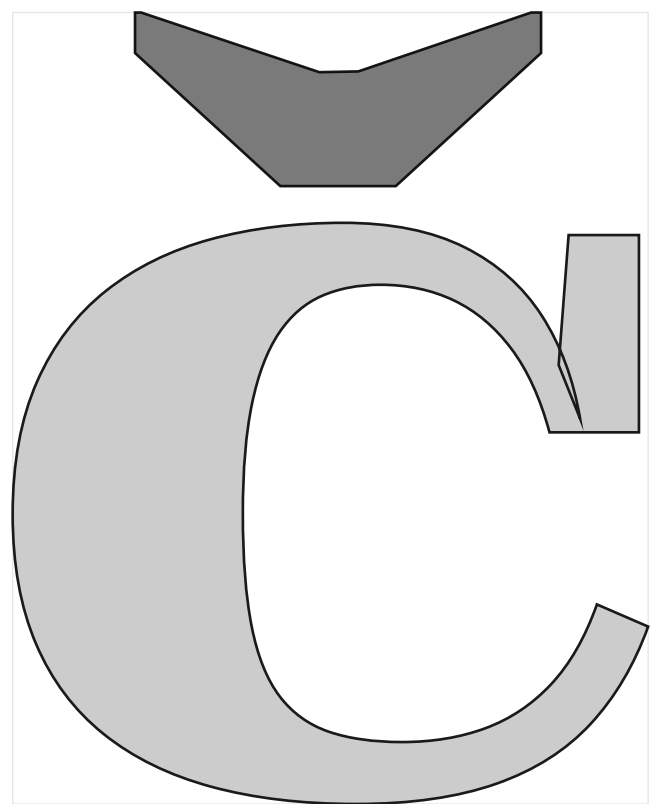'GRAD=−50.0 opsz=8.0 wdth=150.0'

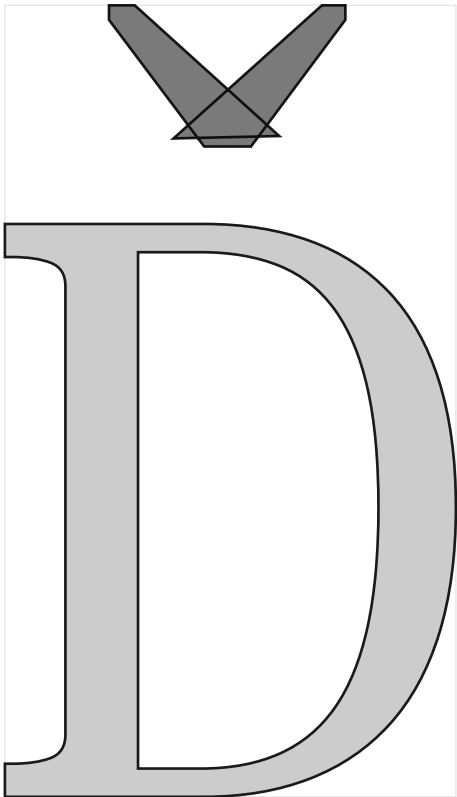midway interpolation

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

Glyph name: Gcaron

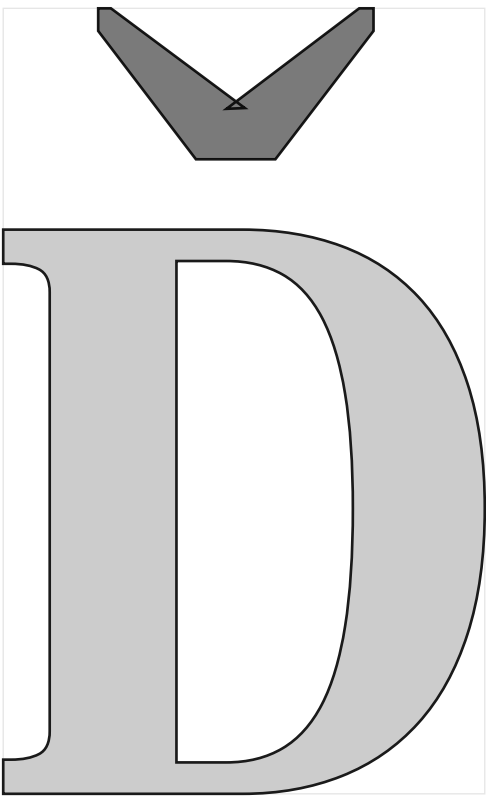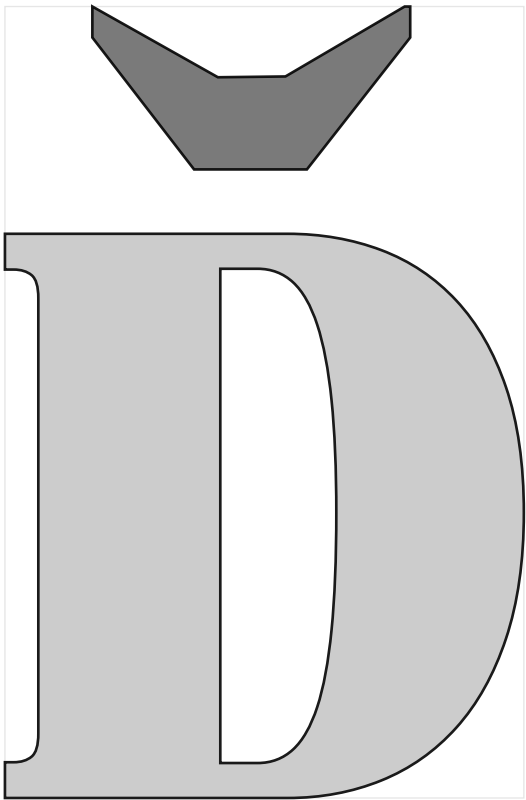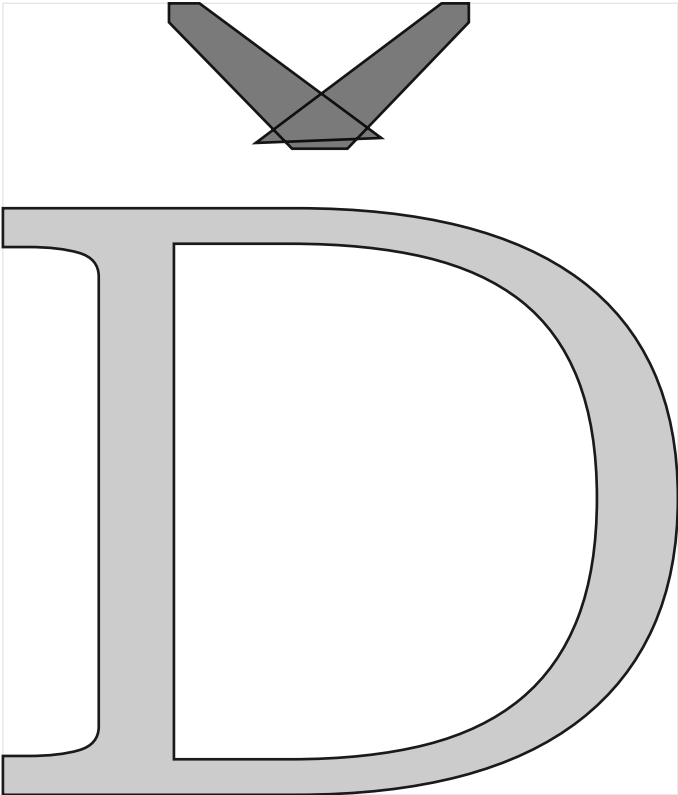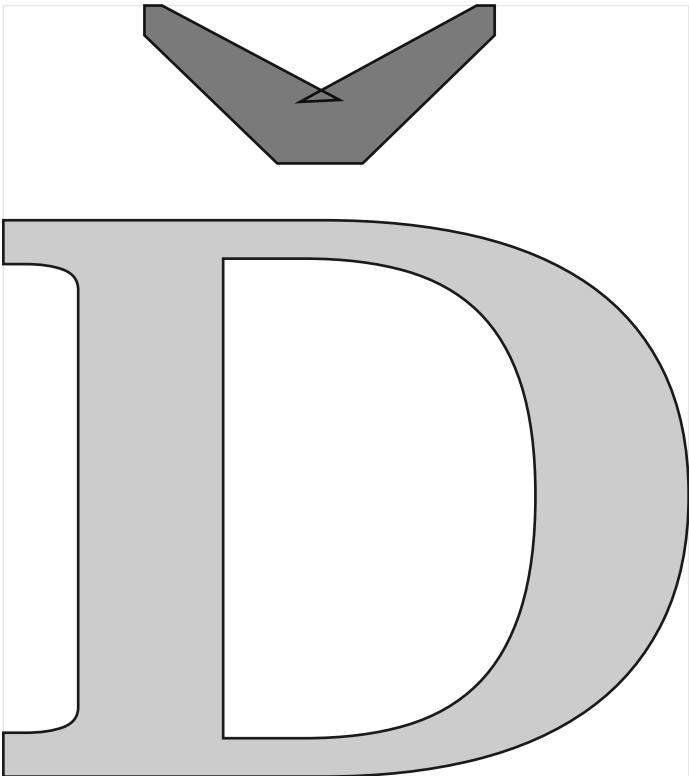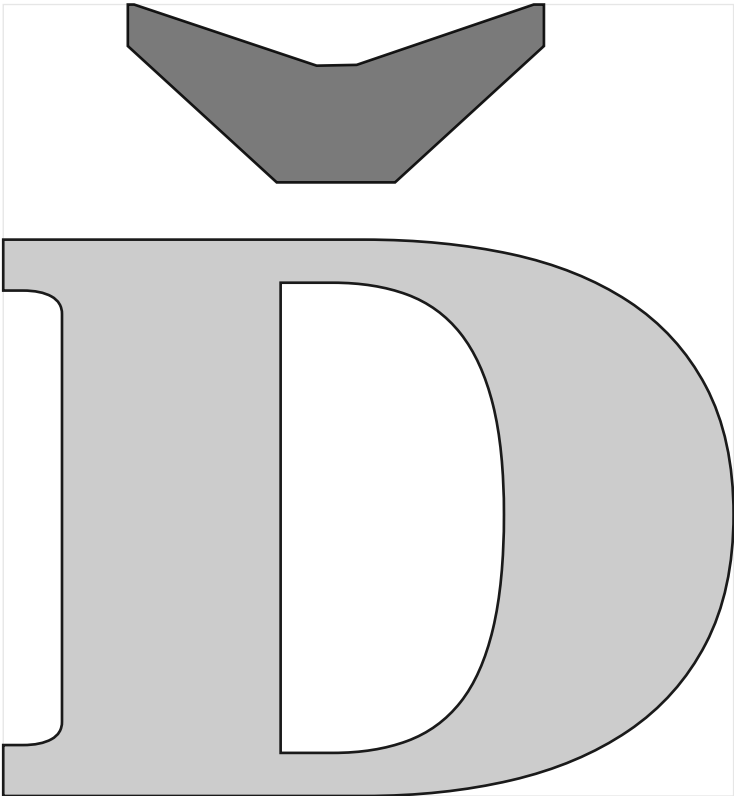Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

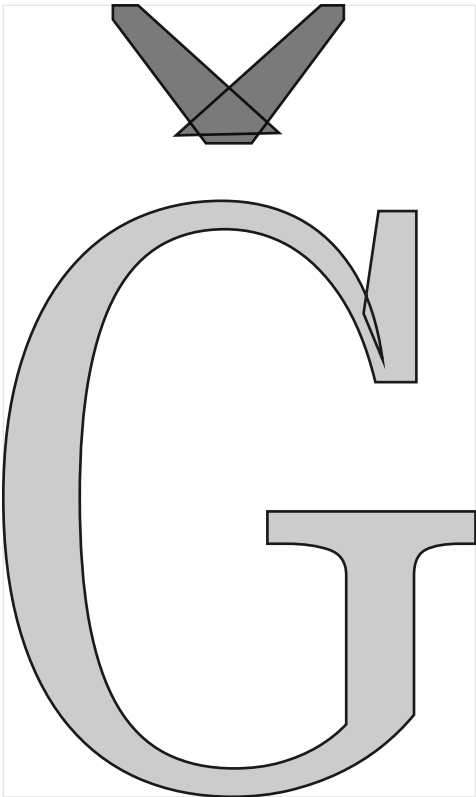midway interpolation

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

Glyph name: Gcaron

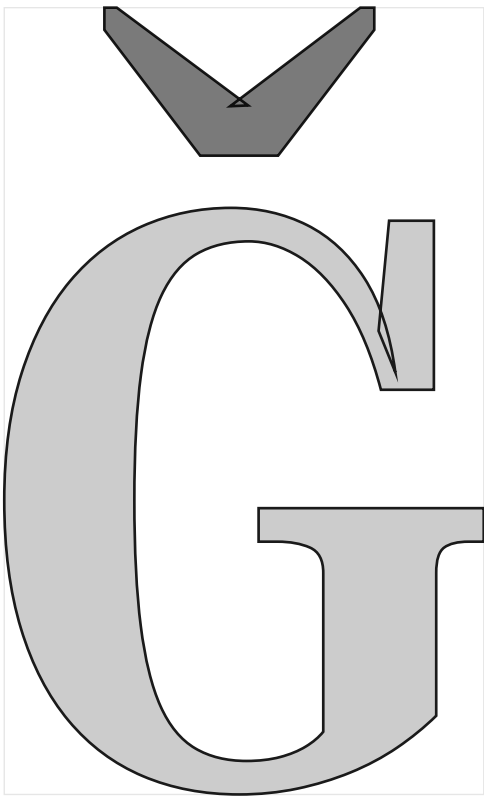Problems: underweight

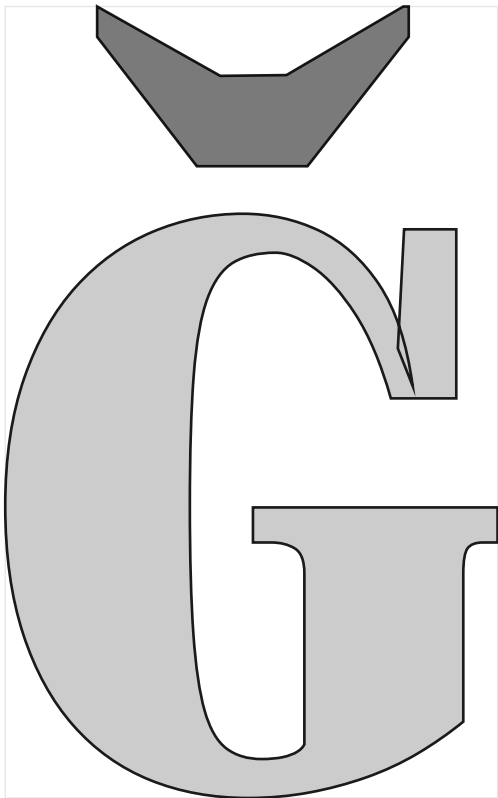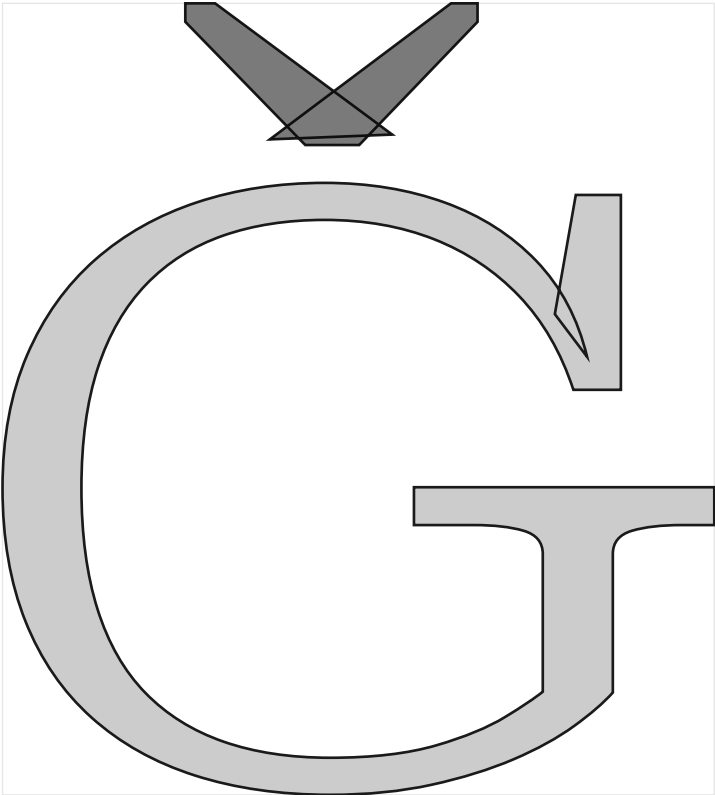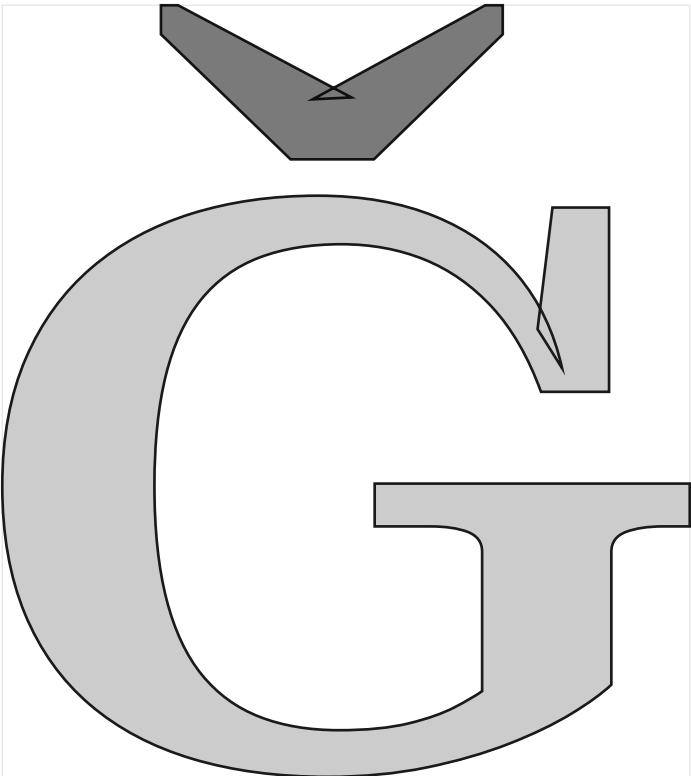'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

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

Glyph name: Ocaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: Ocaron

Problems: underweight

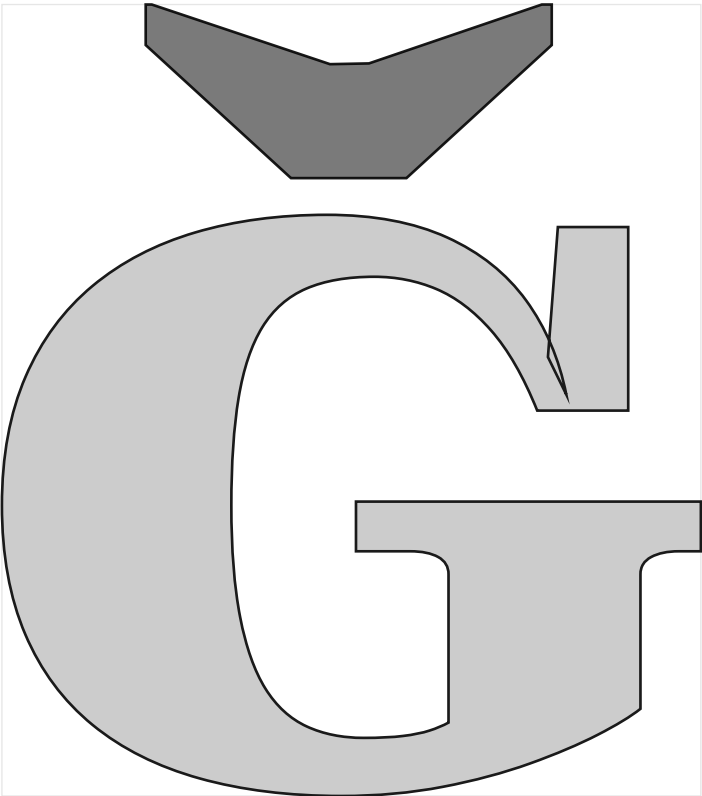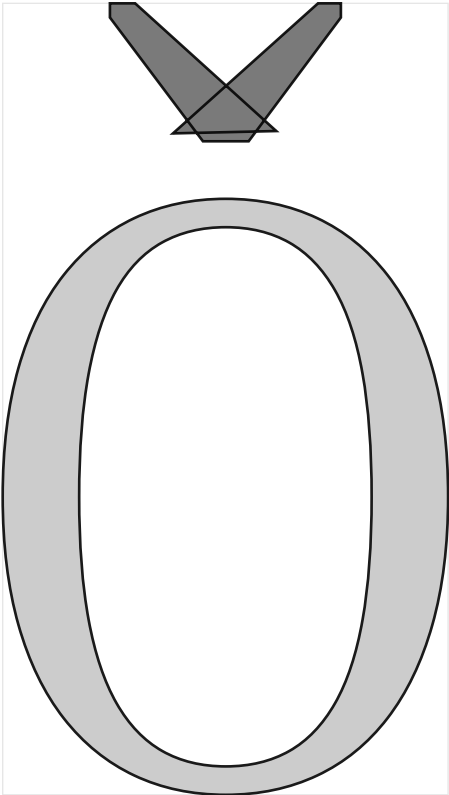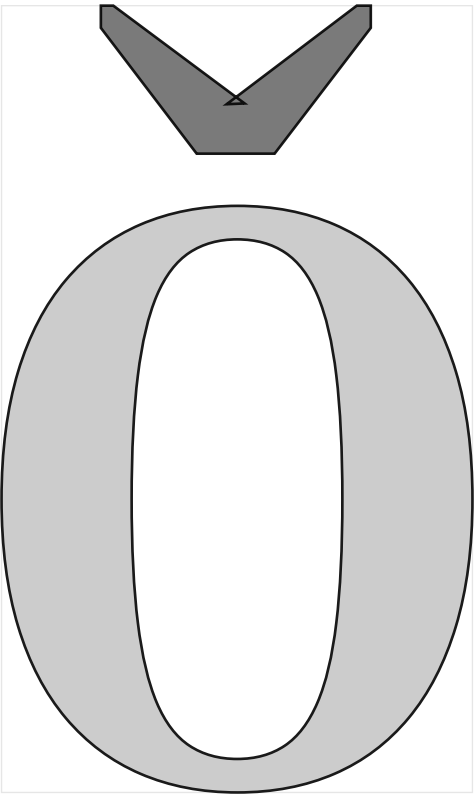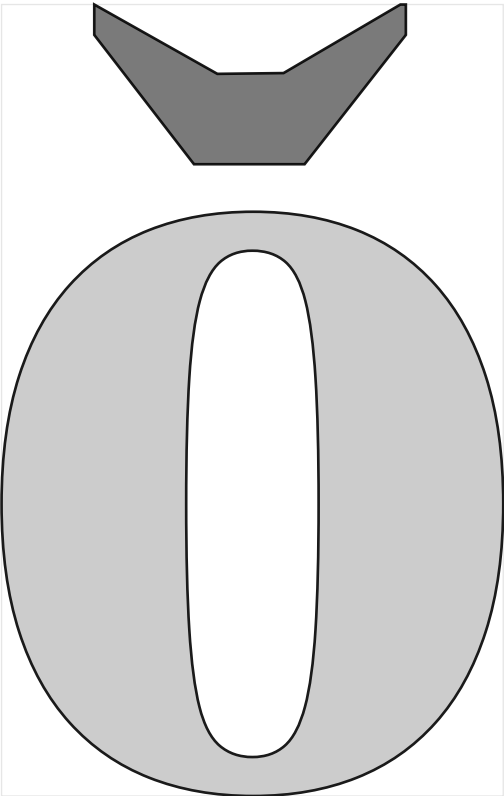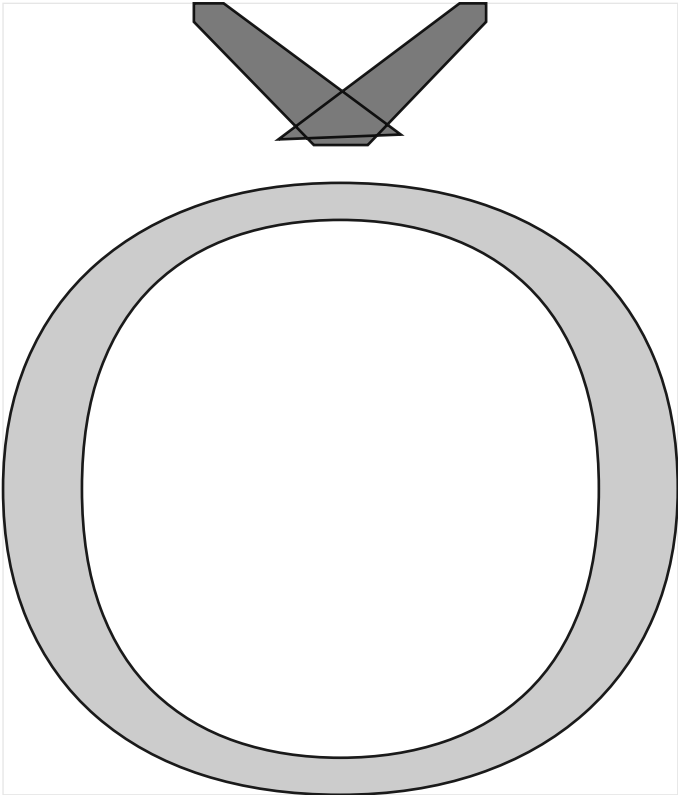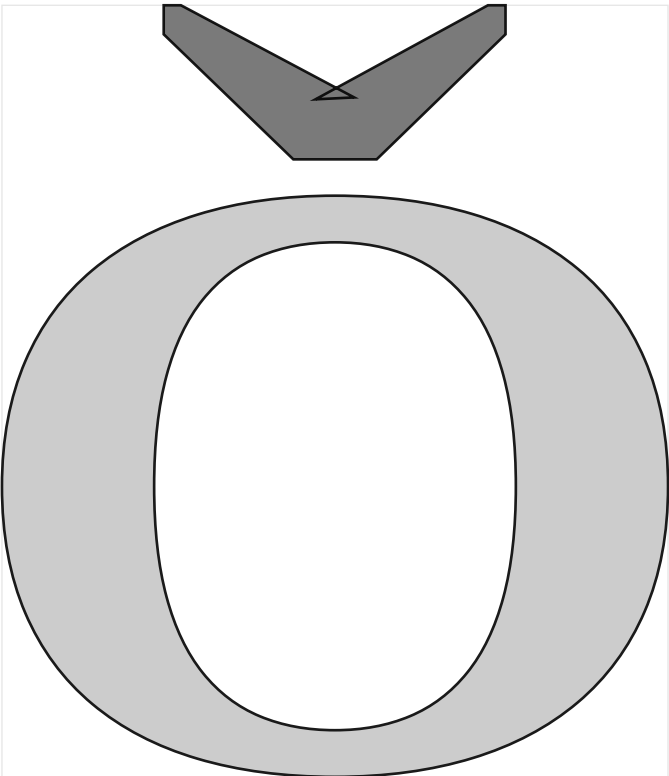'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

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

Glyph name: Scaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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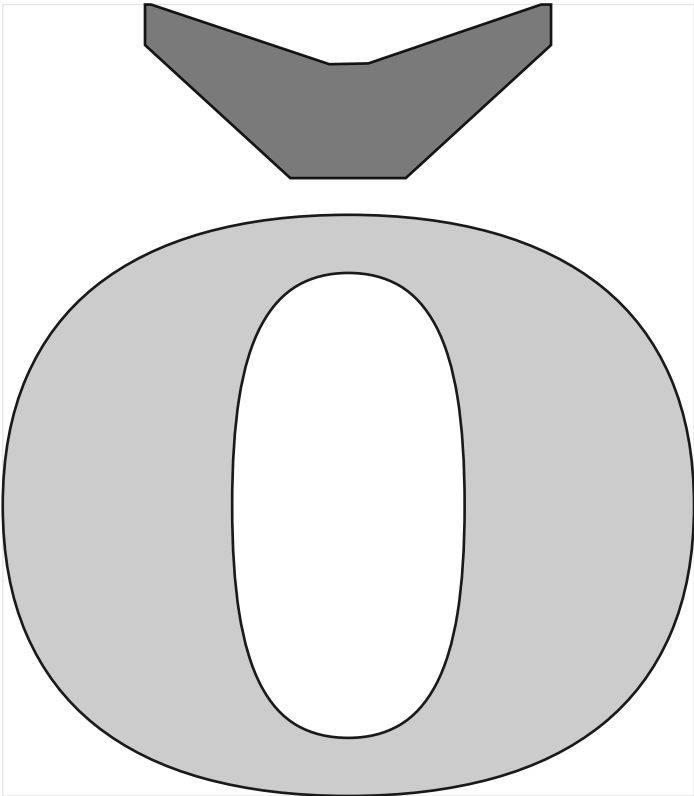
Glyph name: Scaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

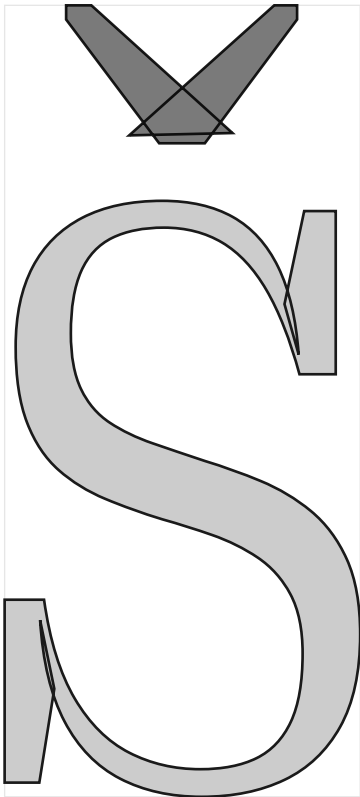midway interpolation

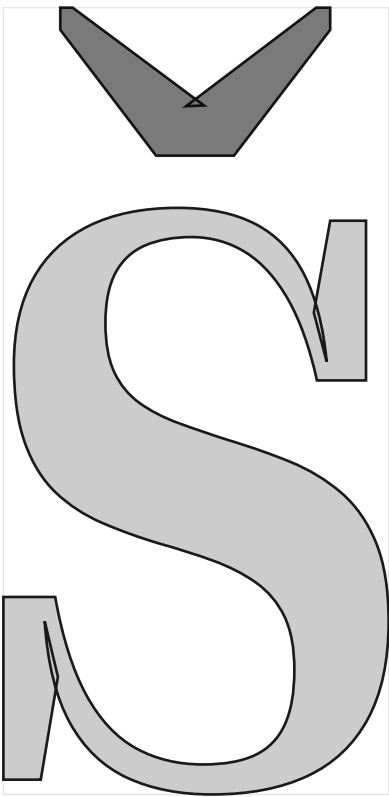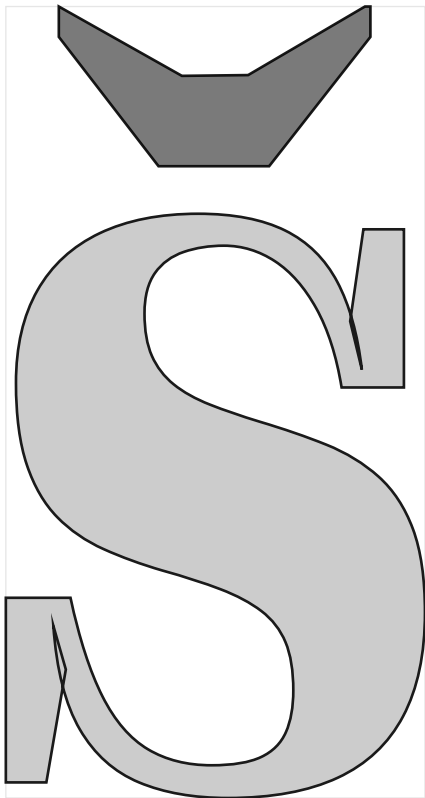'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

Glyph name: Scarondotaccent

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

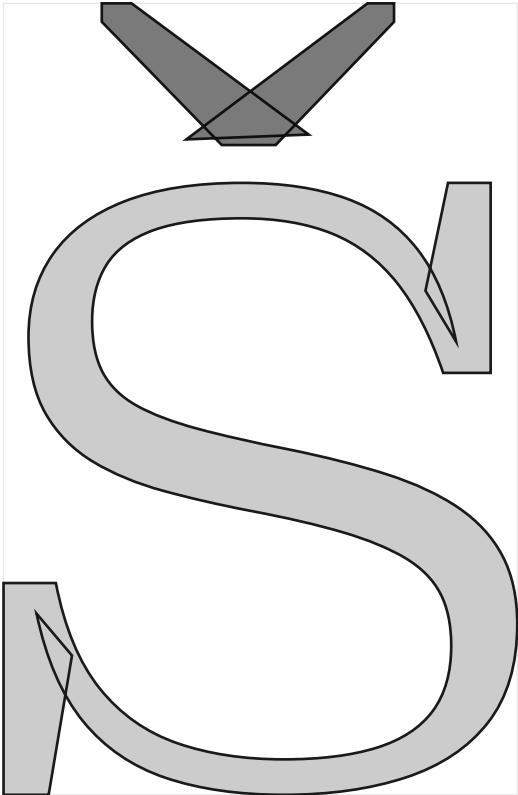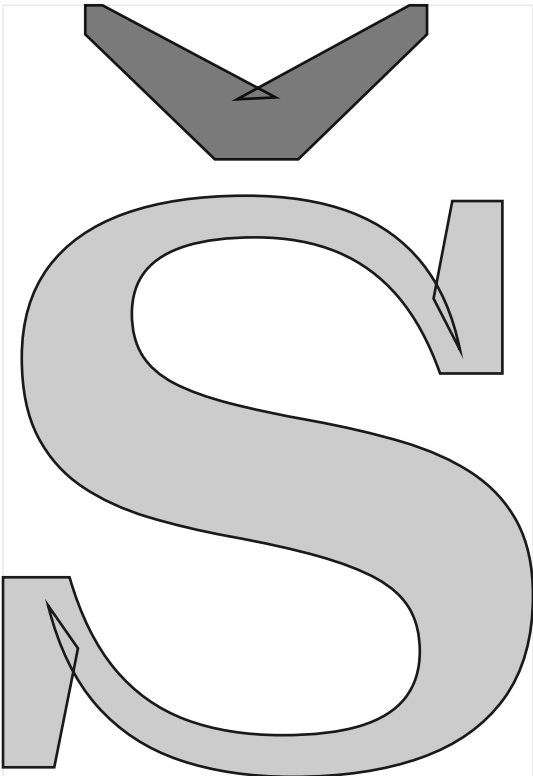midway interpolation

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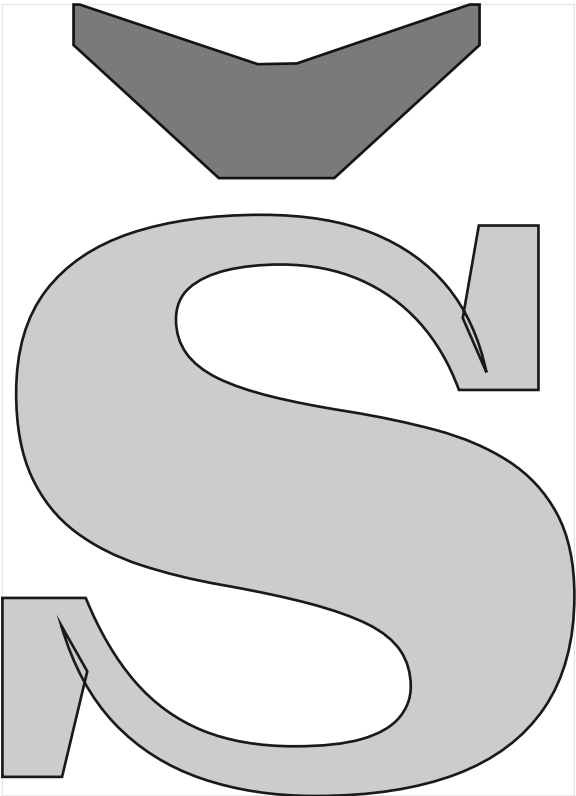
Glyph name: Scarondotaccent

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

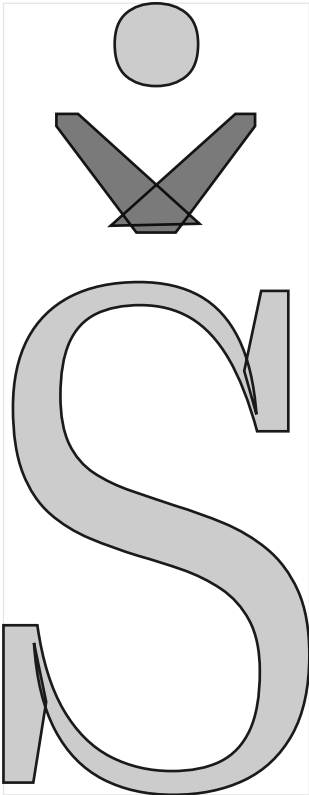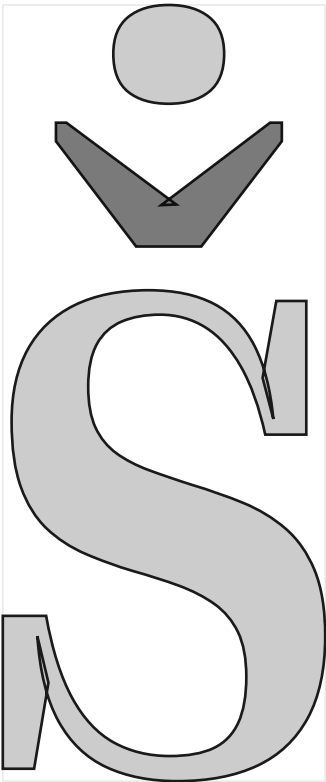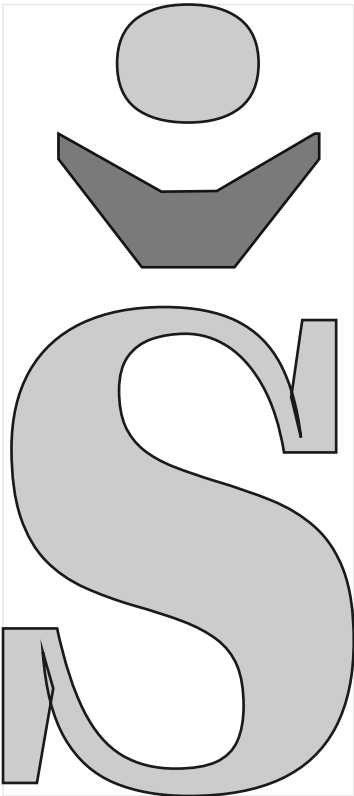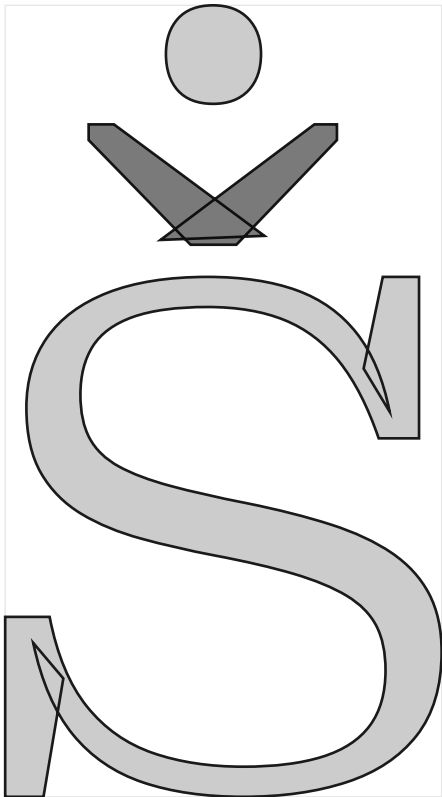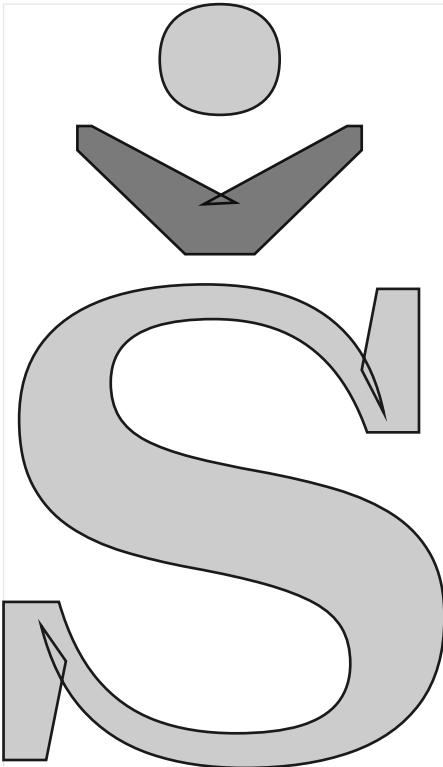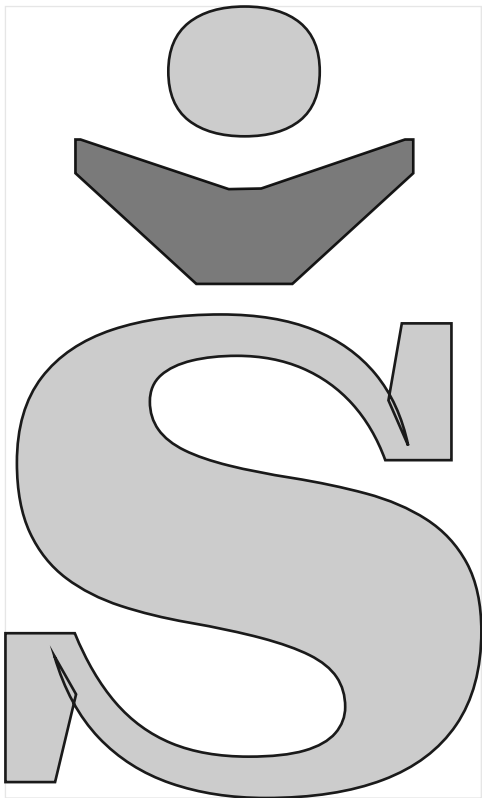midway interpolation

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

Glyph name: Tcaron

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

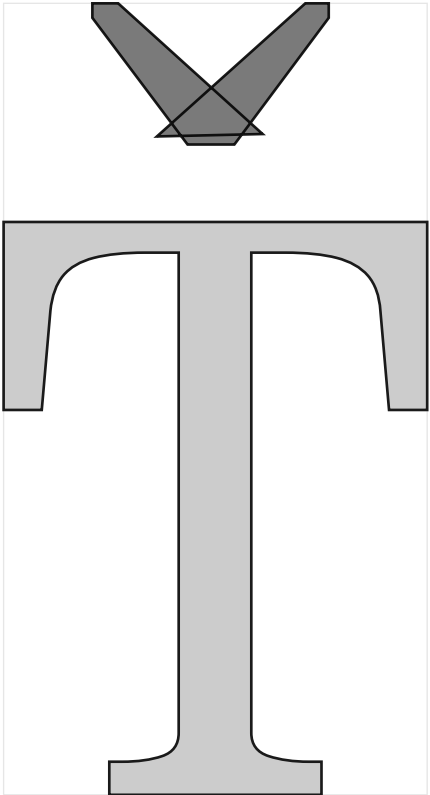midway interpolation

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

Glyph name: Tcaron

Problems: 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: caron.uc

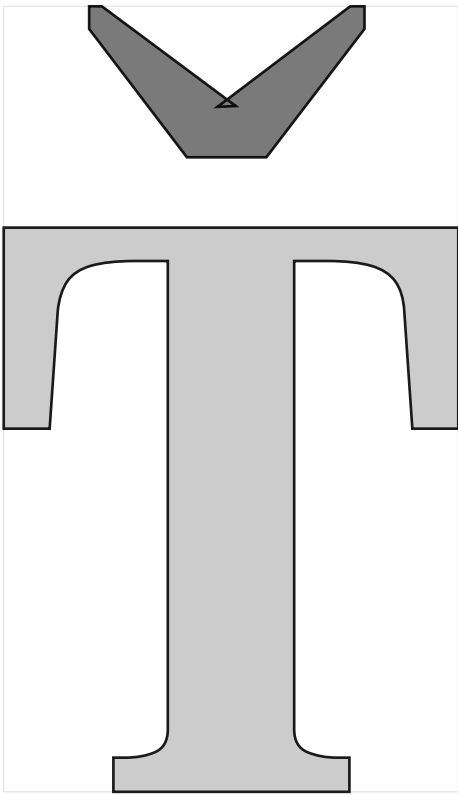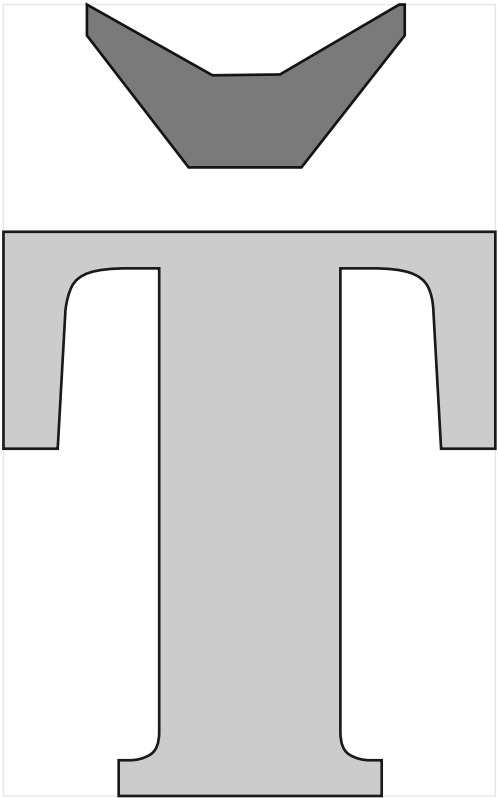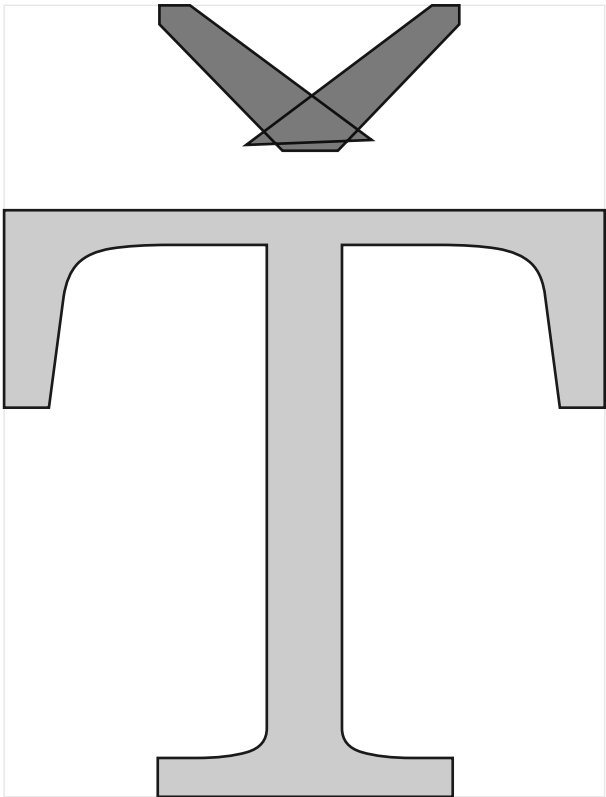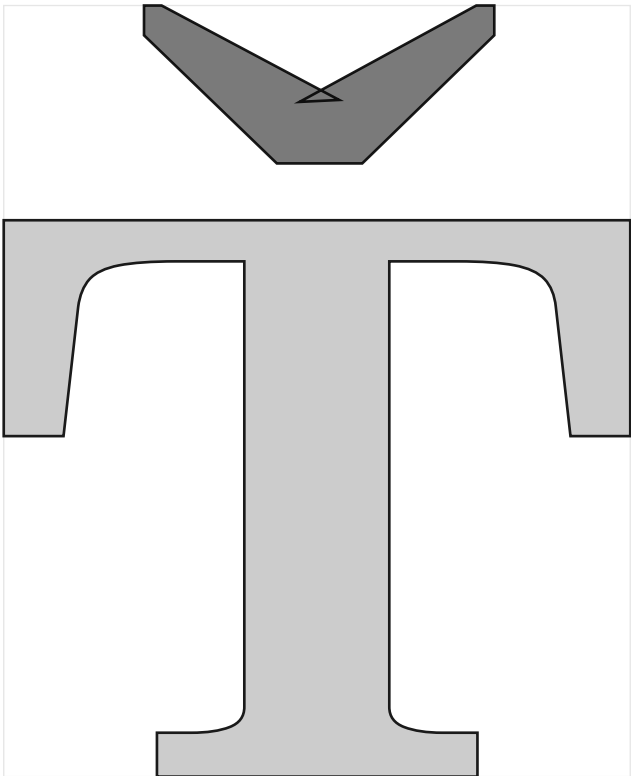**Problems: underweight**

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'
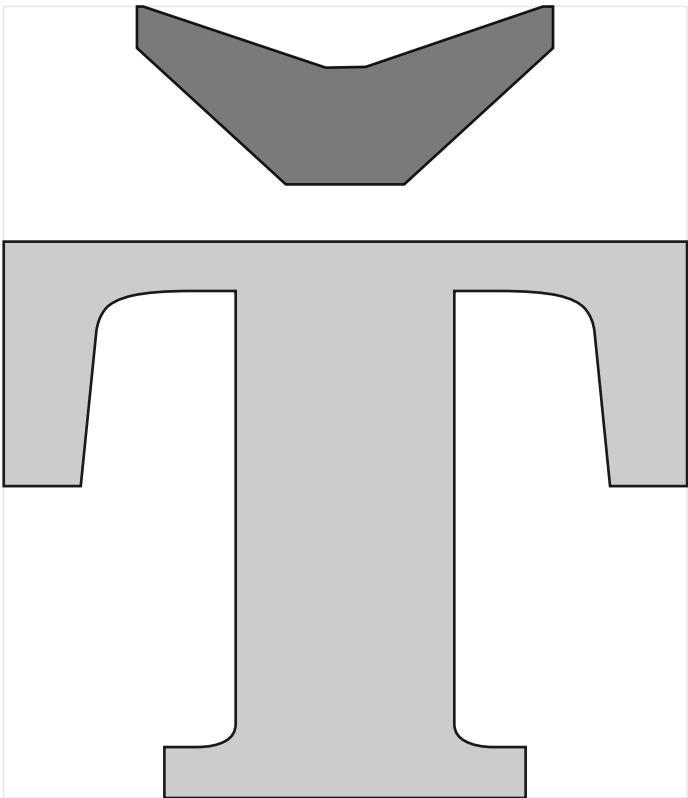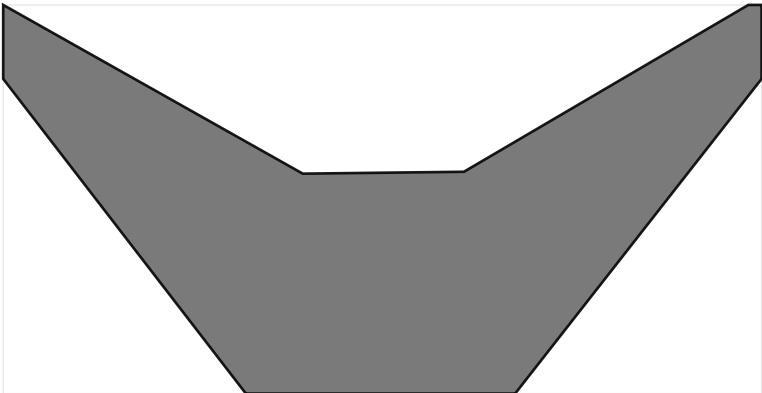
Glyph name: caron.uc

Problems: 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: caron_dotaccent.uc

Problems: underweight

’GRAD=−50.0 opsz=8.0 wdth=50.0’

midway interpolation

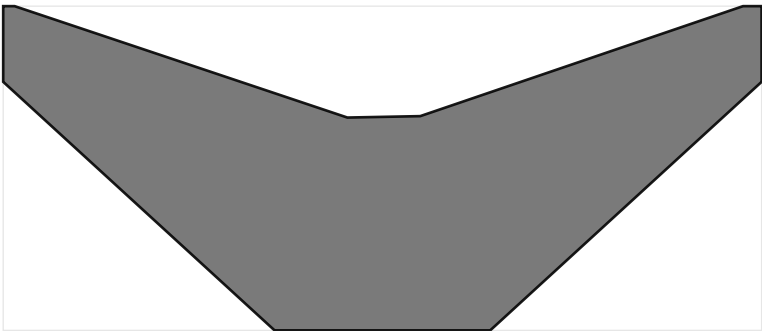’GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0’
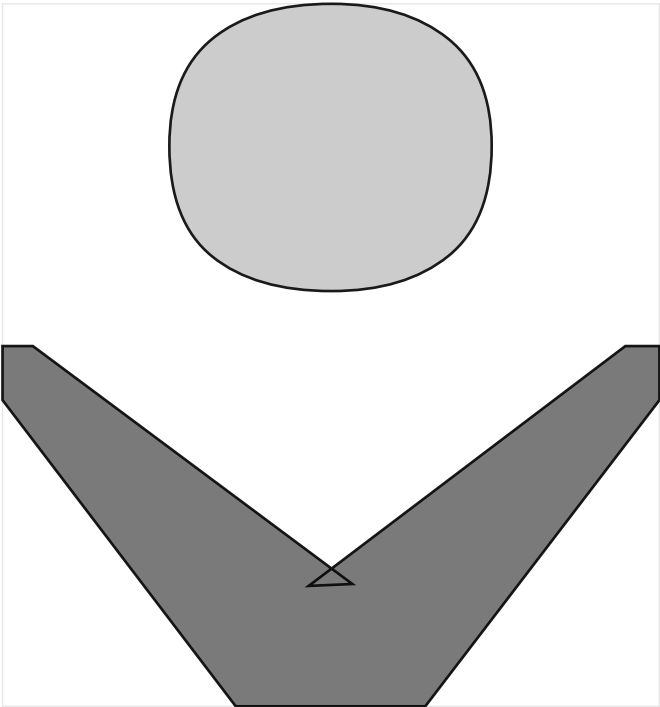
Glyph name: caron_dotaccent.uc

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

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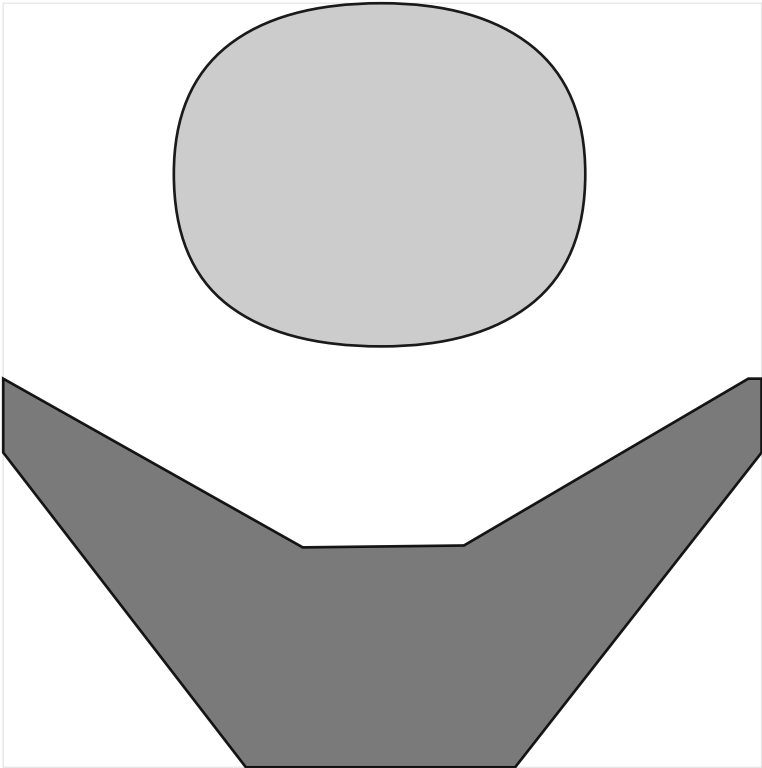
'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

Glyph name: circumflex.uc

Problems: underweight

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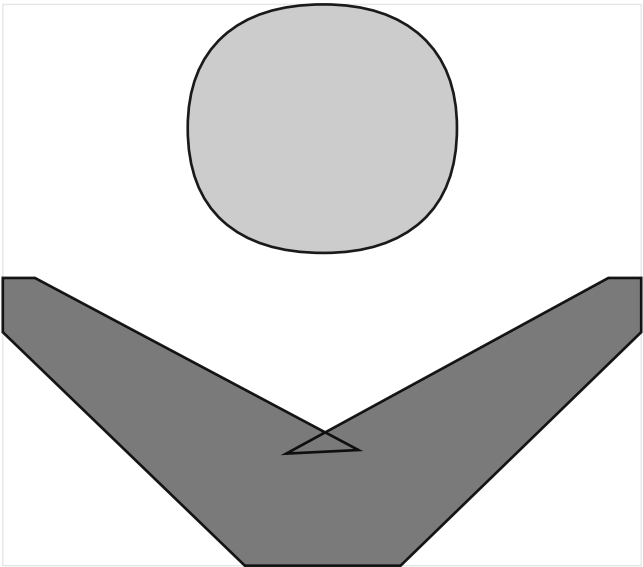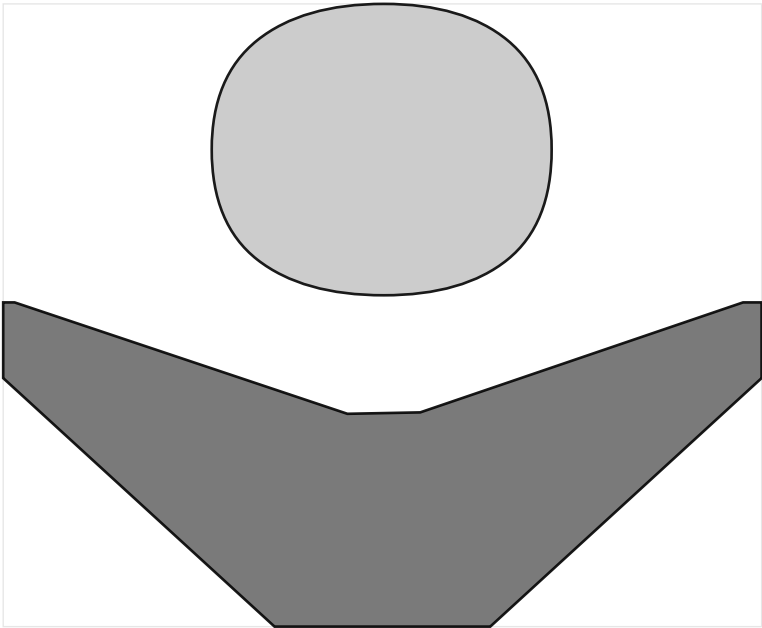
midway interpolation

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

Glyph name: circumflex.uc

Problems: underweight

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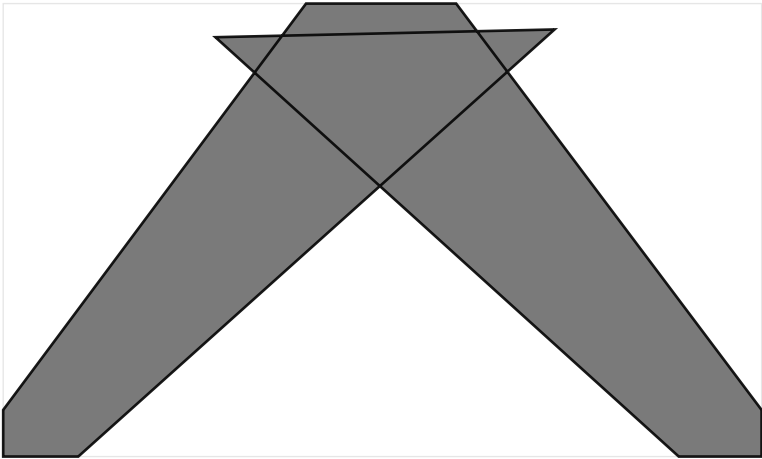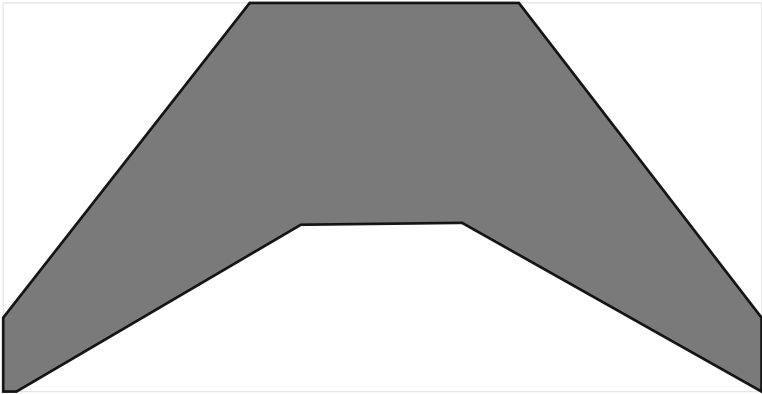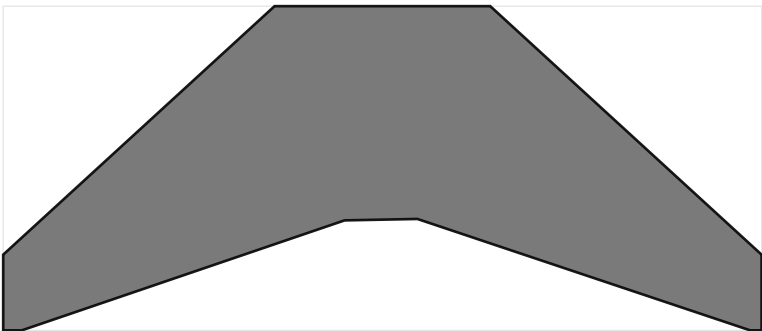
midway interpolation

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'
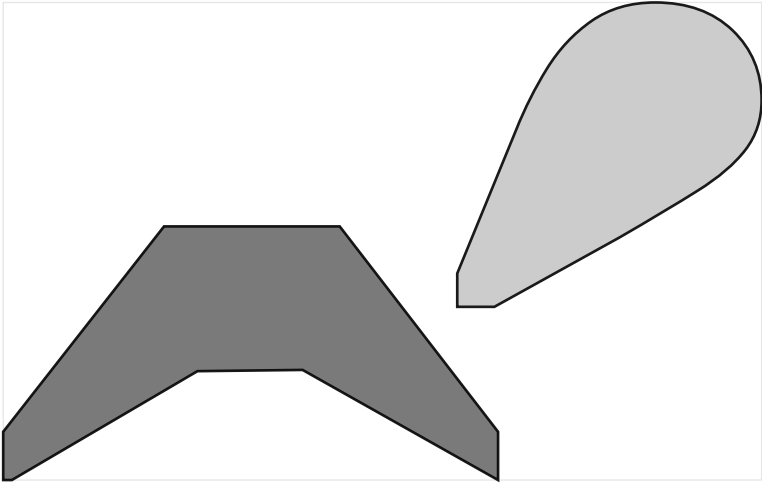
Glyph name: circumflex_acute.uc

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: circumflex_acute.uc

Problems: 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: circumflex_grave.uc
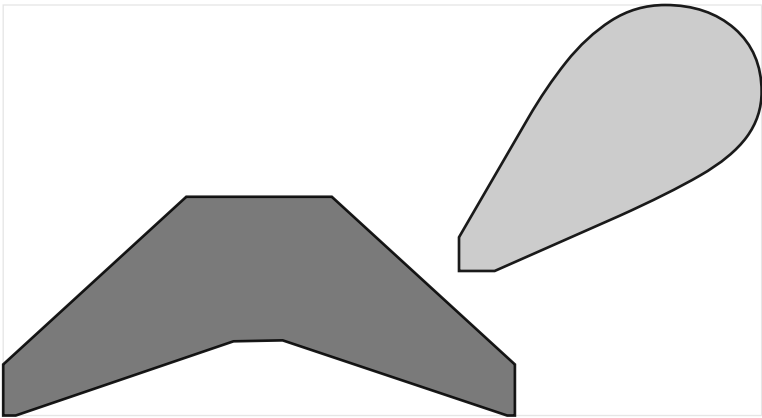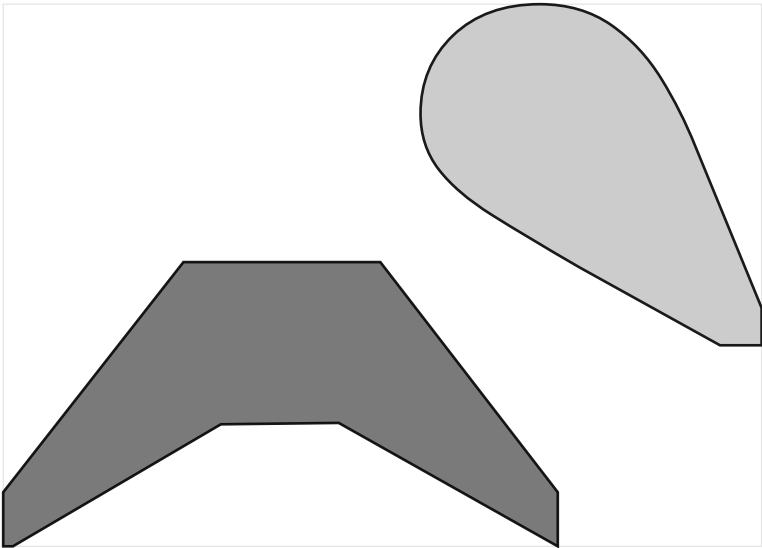
Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: circumflex_grave.uc
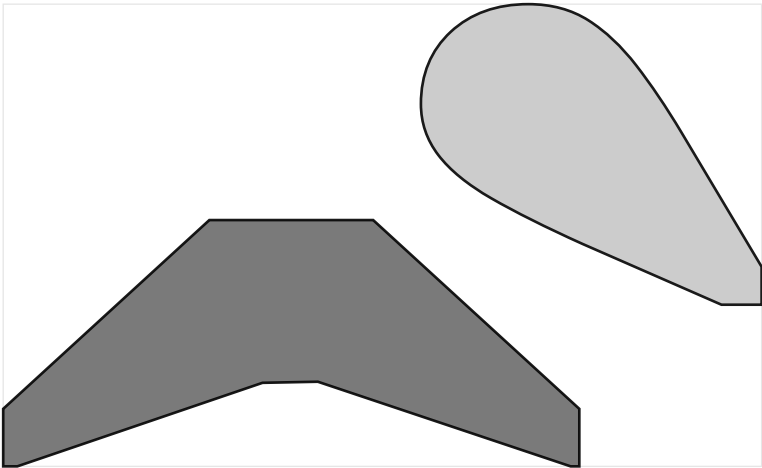
Problems: underweight

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

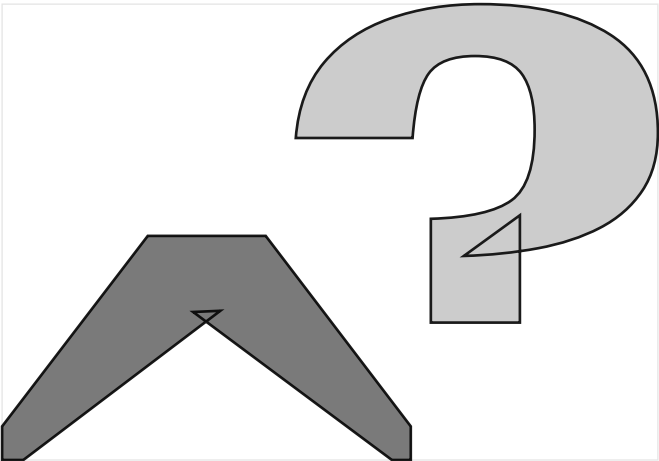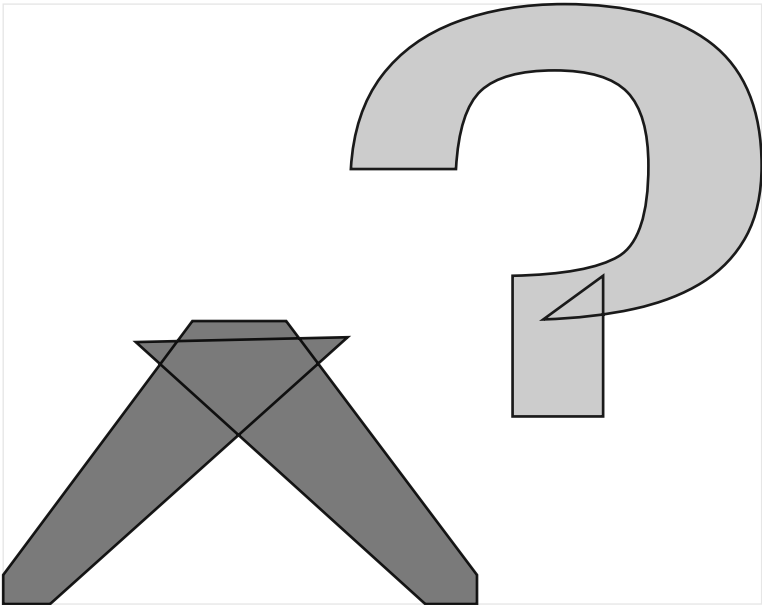'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'

Glyph name: circumflex_hook.uc
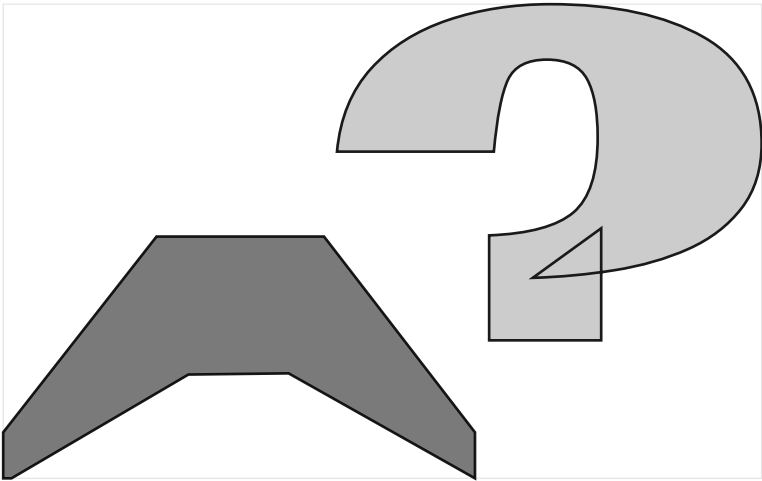
Problems: underweight

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

'GRAD=−50.0 opsz=8.0 wdth=50.0 wght=900.0'
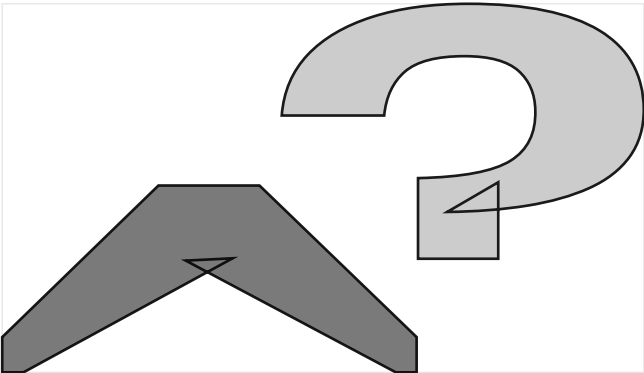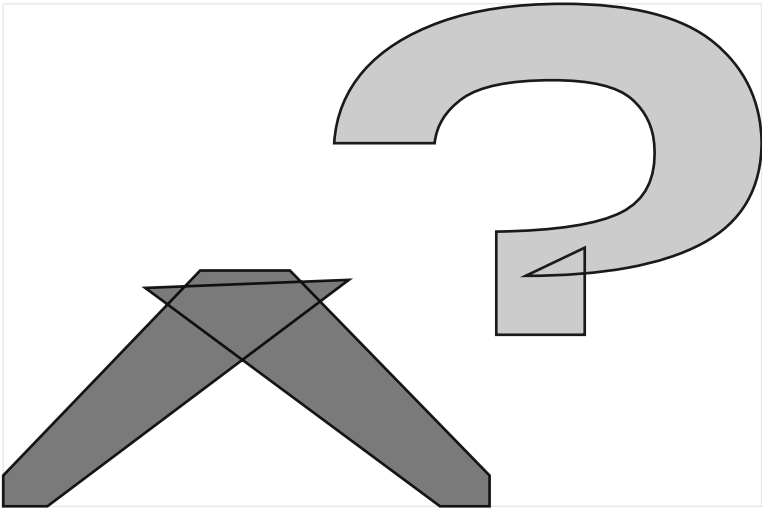
Glyph name: circumflex_hook.uc
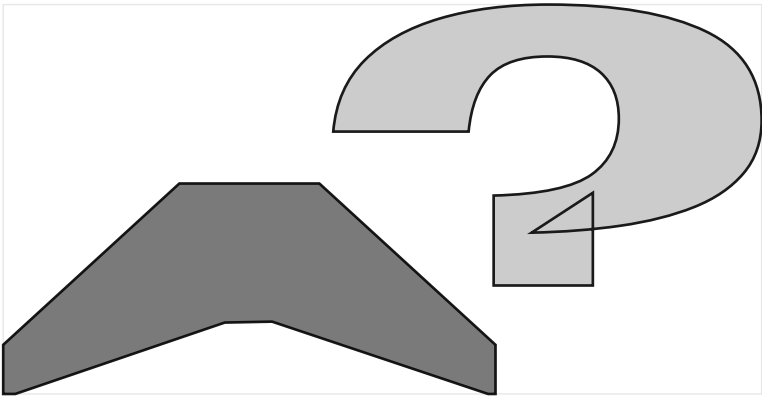
Problems: underweight

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

'GRAD=−50.0 opsz=8.0 wdth=150.0 wght=900.0'
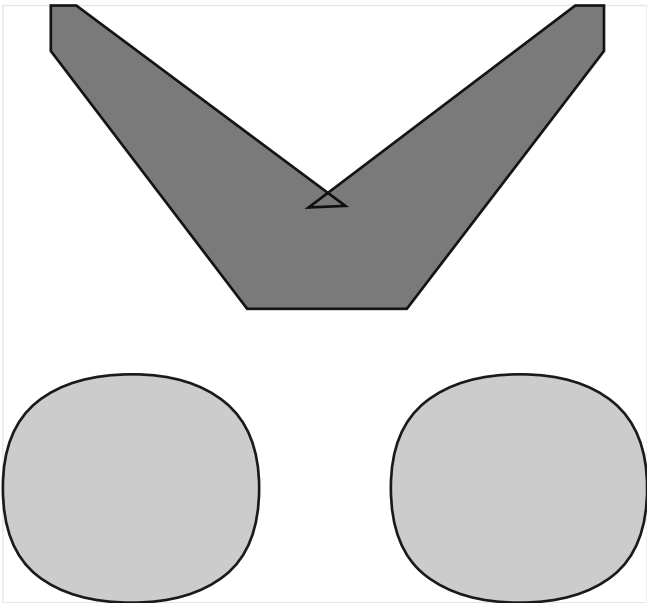
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Glyph name: dieresis_caron.uc

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: dieresis_caron.uc

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation
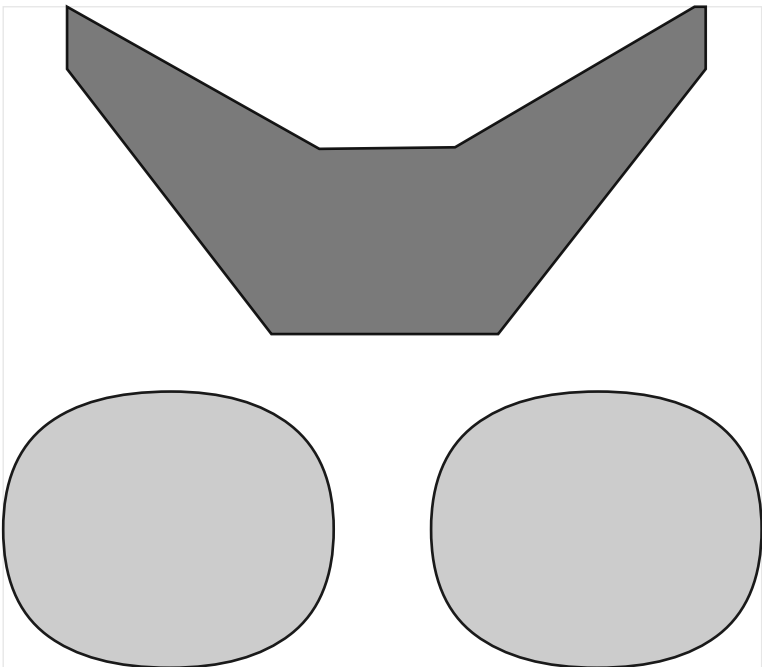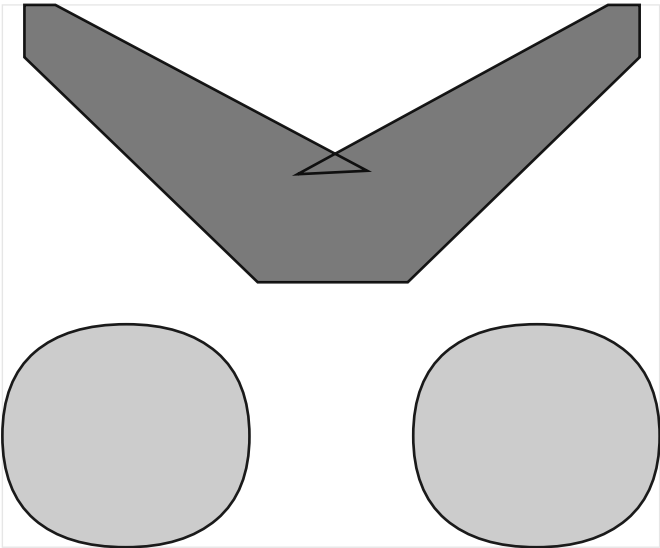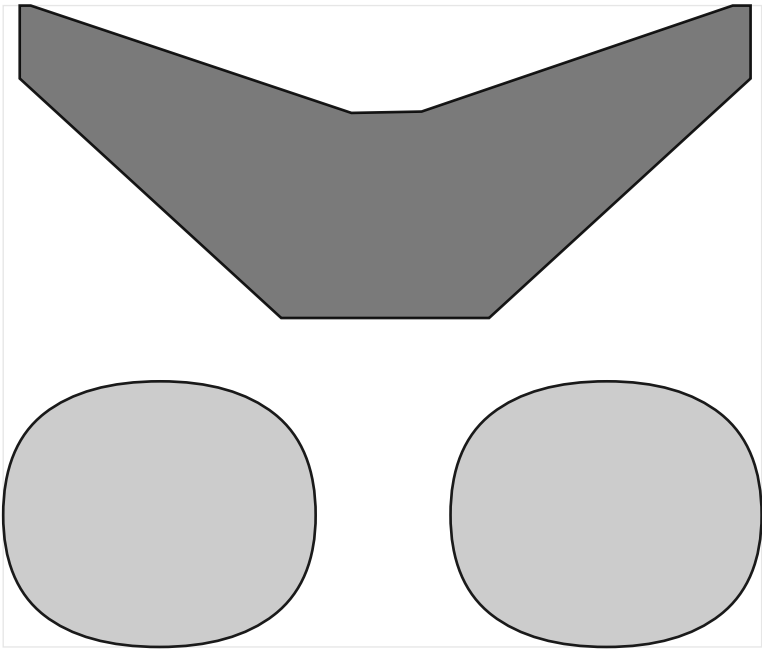
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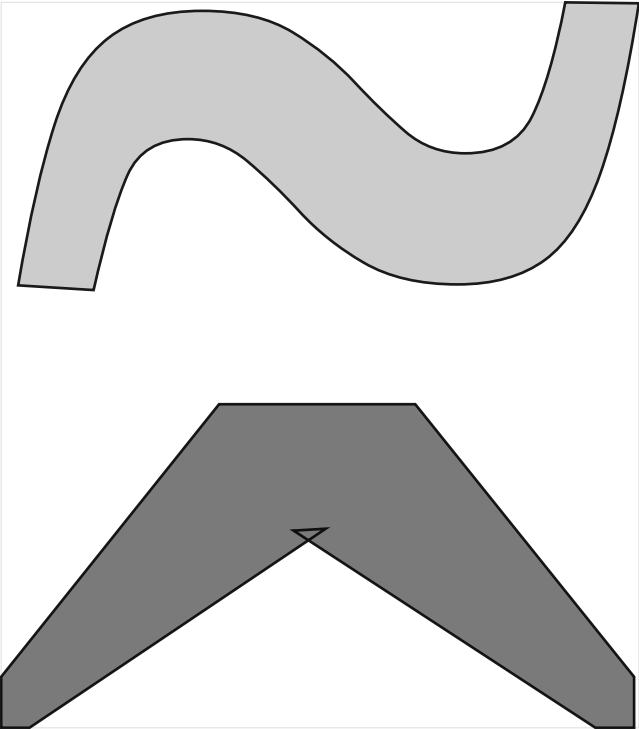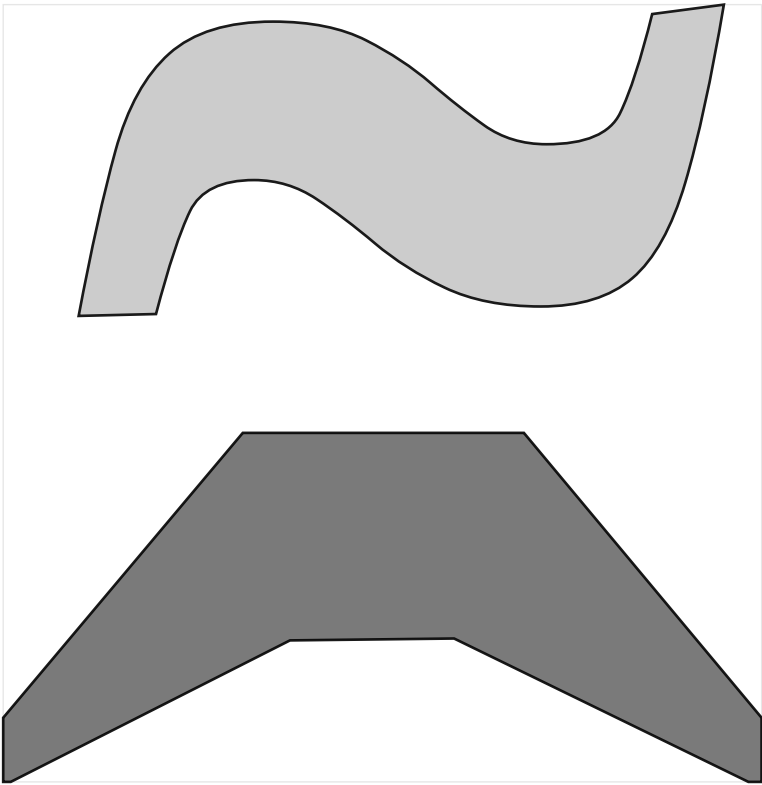
Glyph name: circumflex_tilde.uc

Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=50.0'

midway interpolation

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

Glyph name: circumflex_tilde.uc
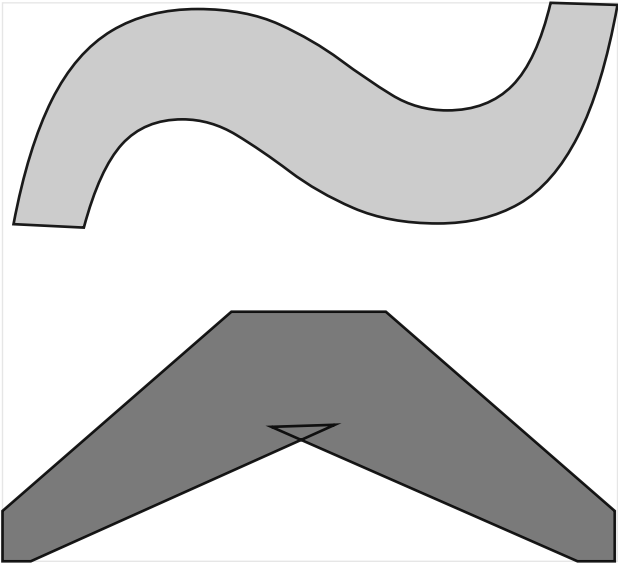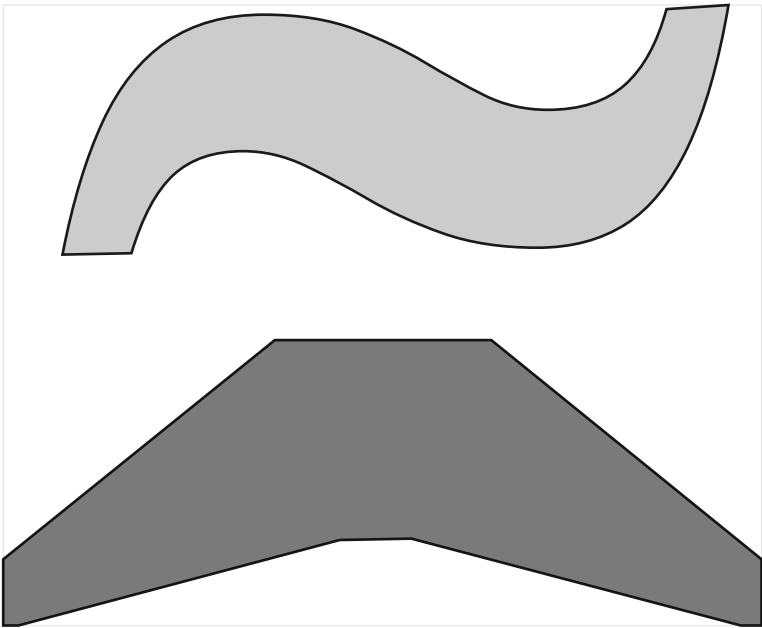
Problems: underweight

'GRAD=−50.0 opsz=8.0 wdth=150.0'

midway interpolation

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

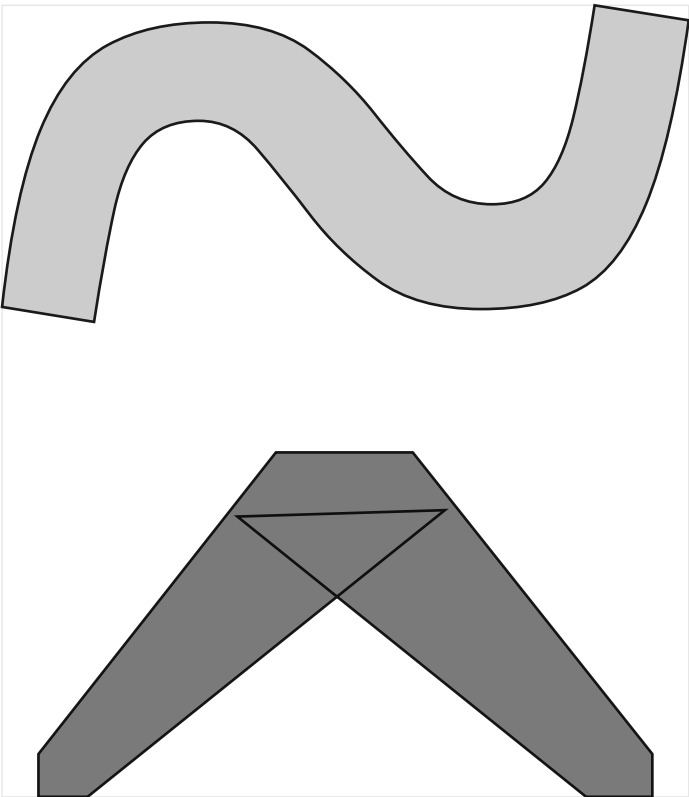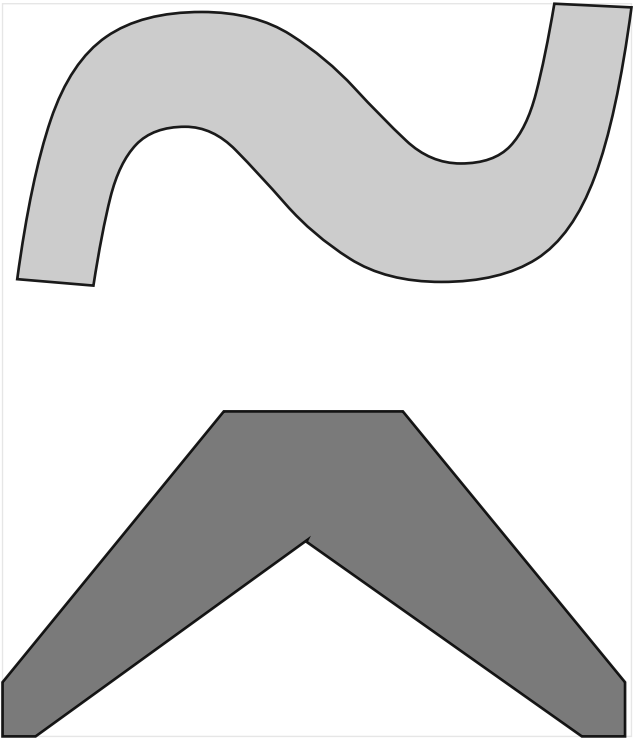# Glyph name: circumflex_tilde

Problems: underweight

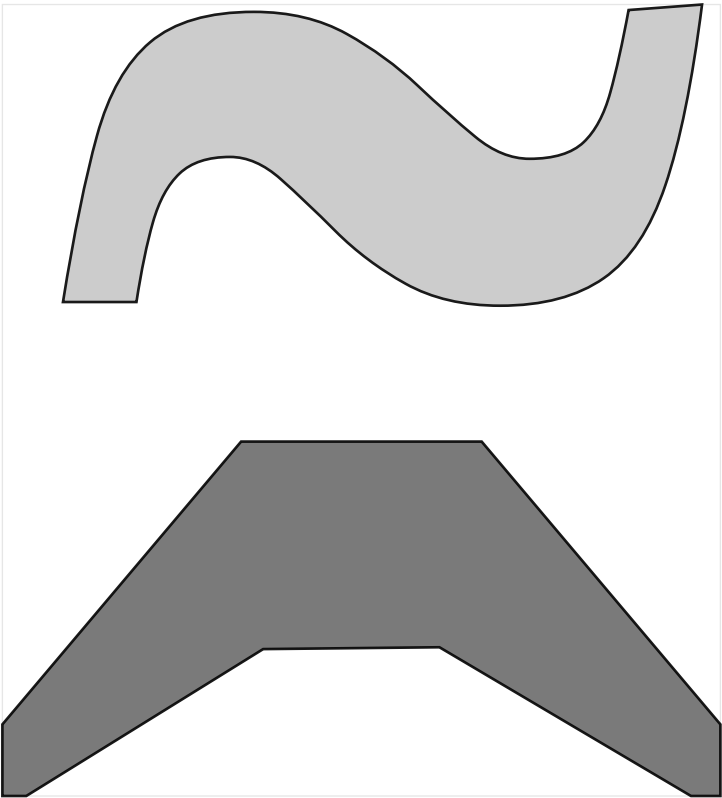’GRAD=−50.0 opsz=8.0 wdth=50.0’

midway interpolation

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

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