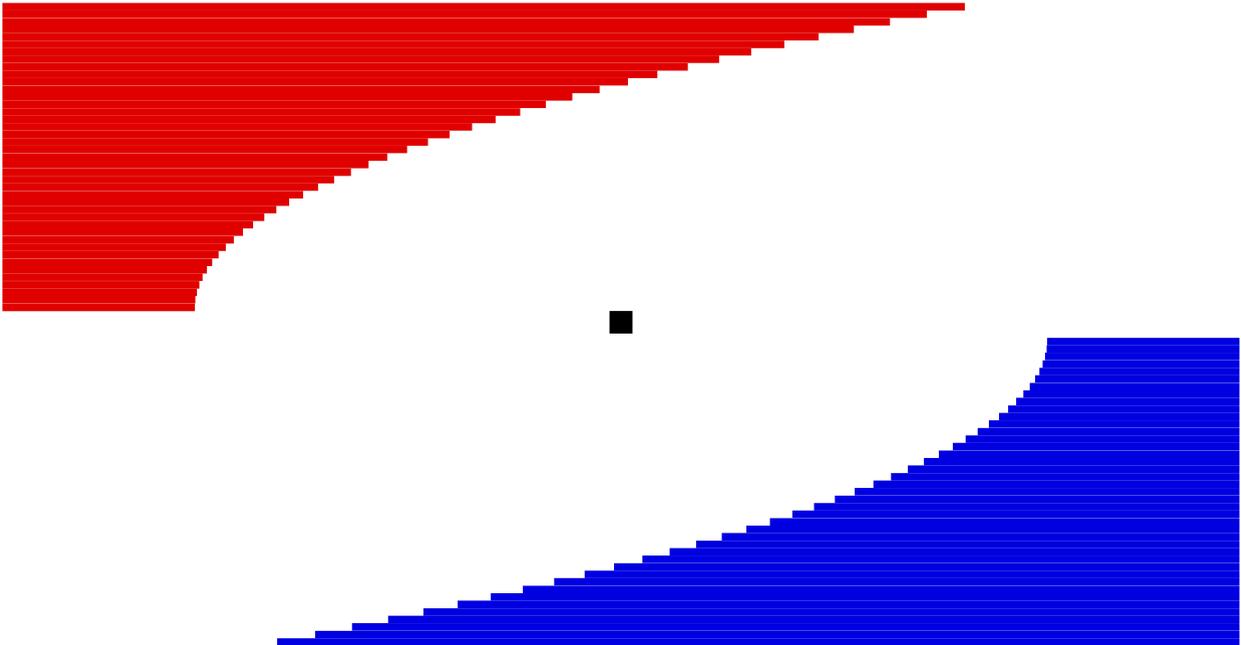


# Rules & Leaders

## Rules

### **Rule length**

If leader rules are properly implemented in your system, you will see two parabolic curves:



The upper curve is red, and the lower one is blue. Both curves are composed of bars 1 mm thick, whose length is varied to form a parabolic profile. There are 41 bars in every set, and their length varies from 1.00 inch to 5.00 inch, following a quadratic law. Red bars are aligned to the left, and blue ones to the right. There is also a black square 3 x 3 mm, placed in the center of the whole image.

### **Rule style**

The following blocks illustrate various styles and widths of rules produced by an `fo:leader`:

- Style: **solid**, width: **1 pt** \_\_\_\_\_
- Style: **dashed**, width: **2 pt** - - - - -
- Style: **dotted**, width: **3 pt** .....
- Style: **double**, width: **4 pt** = = = = =
- Style: **ridge**, width: **5 pt** = = = = =
- Style: **groove**, width: **6 pt** = = = = =
- Style: **none**, width: **7 pt**

## Dot-filled leaders

In the following paragraph, text will be interspersed with inlined dot-filled leaders. For every inserted leader, its `length.optimum` is equal to the number immediately preceding it; `.minimum` is one half, and `.maximum` is twice the value of `.optimum`.

12 points ... 24 points ..... 36 points ..... 48 points ..... 60 points .....  
72 points .....

**Spacing leaders**

In the following paragraph, text will be interspersed with inlined space leaders. Leader lengths are the same as in the preceding test.

12 points    24 points    36 points    48 points    60 points  
72 points

The following paragraph contains pattern-filled leaders with an empty pattern. By the spec, they should be treated the same as space-filled, so the two blocks above and below this text should appear identical:

12 points    24 points    36 points    48 points    60 points  
72 points

**Pattern-filled leaders**

Given below are several examples of leaders filled with text patterns. Text inside the leader is typed in red characters.

Leader filled with underscores, 72 pt long: \_\_\_\_\_

Leader filled with tildes, 72 pt long, pattern width is fixed to 12 pt: ~ ~ ~ ~ ~ ~

Leader filled with a character sequence ABCD, long enough to expand to the end-of-line:  
ABCDABCDABCDABCDABCDABCDABCDABCDABCDABCDABCDABCD

Same as above but with pattern width fixed to 1 in:

ABCD    ABCD    ABCD    ABCD    ABCD    ABCD