

**401/10**    **401/10K**  
 $\varnothing 10$      $\varnothing 10$

**401/12**    **401/12K**  
 $\varnothing 12$      $\varnothing 12$

**401/14**    **401/14K**  
 $\varnothing 14$      $\varnothing 14$

**401/16**    **401/16K**  
 $\varnothing 16$      $\varnothing 16$

**401/20**    **401/20K**  
 $\varnothing 20$      $\varnothing 20$

**402/10**    **402/10K**  
 $\varnothing 10$      $\varnothing 10$

**402/12**    **402/12K**  
 $\varnothing 12$      $\varnothing 12$

**402/14**    **402/14K**  
 $\varnothing 14$      $\varnothing 14$

**402/16**    **402/16K**  
 $\varnothing 16$      $\varnothing 16$

**402/20**    **402/20K**  
 $\varnothing 20$      $\varnothing 20$

**403/10**    **403/10K**  
 $\varnothing 10$      $\varnothing 10$

**403/12**    **403/12K**  
 $\varnothing 12$      $\varnothing 12$

**403/14**    **403/14K**  
 $\varnothing 14$      $\varnothing 14$

**403/16**    **403/16K**  
 $\varnothing 16$      $\varnothing 16$

**403/20**    **403/20K**  
 $\varnothing 20$      $\varnothing 20$

**404/10**    **404/10K**  
 $\varnothing 10$      $\varnothing 10$

**404/12**    **404/12K**  
 $\varnothing 12$      $\varnothing 12$

**404/14**    **404/14K**  
 $\varnothing 14$      $\varnothing 14$

**404/16**    **404/16K**  
 $\varnothing 16$      $\varnothing 16$

**404/20**    **404/20K**  
 $\varnothing 20$      $\varnothing 20$

**405/10**    **405/10K**  
 $\varnothing 10$      $\varnothing 10$

**405/12**    **405/12K**  
 $\varnothing 12$      $\varnothing 12$

**405/14**    **405/14K**  
 $\varnothing 14$      $\varnothing 14$



**406/10**    **406/10K**  
 $\varnothing 10$      $\varnothing 10$

**406/12**    **406/12K**  
 $\varnothing 12$      $\varnothing 12$

**406/14**    **406/14K**  
 $\varnothing 14$      $\varnothing 14$

**407/10**    **407/10K**  
 $\varnothing 10$      $\varnothing 10$

**407/12**    **407/12K**  
 $\varnothing 12$      $\varnothing 12$

**407/14**    **407/14K**  
 $\varnothing 14$      $\varnothing 14$

**407/16**    **407/16K**  
 $\varnothing 16$      $\varnothing 16$

**407/20**    **407/20K**  
 $\varnothing 20$      $\varnothing 20$

**408/10**    **408/10K**  
 $\varnothing 10$      $\varnothing 10$

**408/12**    **408/12K**  
 $\varnothing 12$      $\varnothing 12$

**408/14**    **408/14K**  
 $\varnothing 14$      $\varnothing 14$

**408/16**    **408/16K**  
 $\varnothing 16$      $\varnothing 16$

**408/20**    **408/20K**  
 $\varnothing 20$      $\varnothing 20$

**409/10**    **409/10K**  
 $\varnothing 10$      $\varnothing 10$

**409/12**    **409/12K**  
 $\varnothing 12$      $\varnothing 12$

**409/14**    **409/14K**  
 $\varnothing 14$      $\varnothing 14$

**409/16**    **409/16K**  
 $\varnothing 16$      $\varnothing 16$

**409/20**    **409/20K**  
 $\varnothing 20$      $\varnothing 20$

**410/10**    **410/10K**  
 $\varnothing 10$      $\varnothing 10$

**410/12**    **410/12K**  
 $\varnothing 12$      $\varnothing 12$

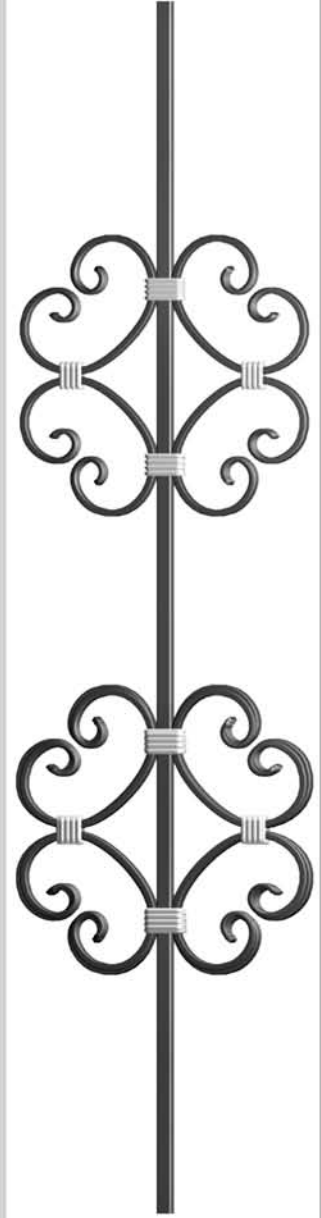
**410/14**    **410/14K**  
 $\varnothing 14$      $\varnothing 14$

**410/16**    **410/16K**  
 $\varnothing 16$      $\varnothing 16$

**410/20**    **410/20K**  
 $\varnothing 20$      $\varnothing 20$

Н = 900

Допуск ± 5 мм



**411/10**  
 $\varnothing 10 + \varnothing 10$   
 L=175

**411/10K**  
 $\varnothing 10 + \varnothing 10$   
 L=175

**411/12**  
 $\varnothing 12 + \varnothing 12$   
 L=180

**411/12K**  
 $\varnothing 12 + \varnothing 12$   
 L=180

**411/12.6**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=165

**411/12.6K**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=165

**411/14**  
 $\varnothing 14 + \varnothing 12$   
 L=185

**411/14K**  
 $\varnothing 14 + \varnothing 12$   
 L=185

**412/10**  
 $\varnothing 10 + \varnothing 10$   
 L=175

**412/10K**  
 $\varnothing 10 + \varnothing 10$   
 L=175

**412/12**  
 $\varnothing 12 + \varnothing 12$   
 L=180

**412/12K**  
 $\varnothing 12 + \varnothing 12$   
 L=180

**412/12.6**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=165

**412/12.6K**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=165

**412/14**  
 $\varnothing 14 + \varnothing 12$   
 L=185

**412/14K**  
 $\varnothing 14 + \varnothing 12$   
 L=185

**413/10**  
 $\varnothing 10 + \varnothing 10$   
 L=225

**413/10K**  
 $\varnothing 10 + \varnothing 10$   
 L=225

**413/12**  
 $\varnothing 12 + \varnothing 12$   
 L=230

**413/12K**  
 $\varnothing 12 + \varnothing 12$   
 L=230

**413/12.6**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=210

**413/12.6K**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=210

**413/14**  
 $\varnothing 14 + \varnothing 12$   
 L=235

**413/14K**  
 $\varnothing 14 + \varnothing 12$   
 L=235

**414/10**  
 $\varnothing 10 + \varnothing 10$   
 L=225

**414/10K**  
 $\varnothing 10 + \varnothing 10$   
 L=225

**414/12**  
 $\varnothing 12 + \varnothing 12$   
 L=230

**414/12K**  
 $\varnothing 12 + \varnothing 12$   
 L=230

**414/12.6**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=210

**414/12.6K**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=210

**414/14**  
 $\varnothing 14 + \varnothing 12$   
 L=235

**414/14K**  
 $\varnothing 14 + \varnothing 12$   
 L=235



|                               |                                |
|-------------------------------|--------------------------------|
| <b>415/10</b><br>∅10<br>L=120 | <b>415/10K</b><br>∅10<br>L=120 |
| <b>415/12</b><br>∅12<br>L=125 | <b>415/12K</b><br>∅12<br>L=125 |
| <b>415/14</b><br>∅14<br>L=130 | <b>415/14K</b><br>∅14<br>L=130 |
| <b>415/16</b><br>∅16<br>L=140 | <b>415/16K</b><br>∅16<br>L=140 |

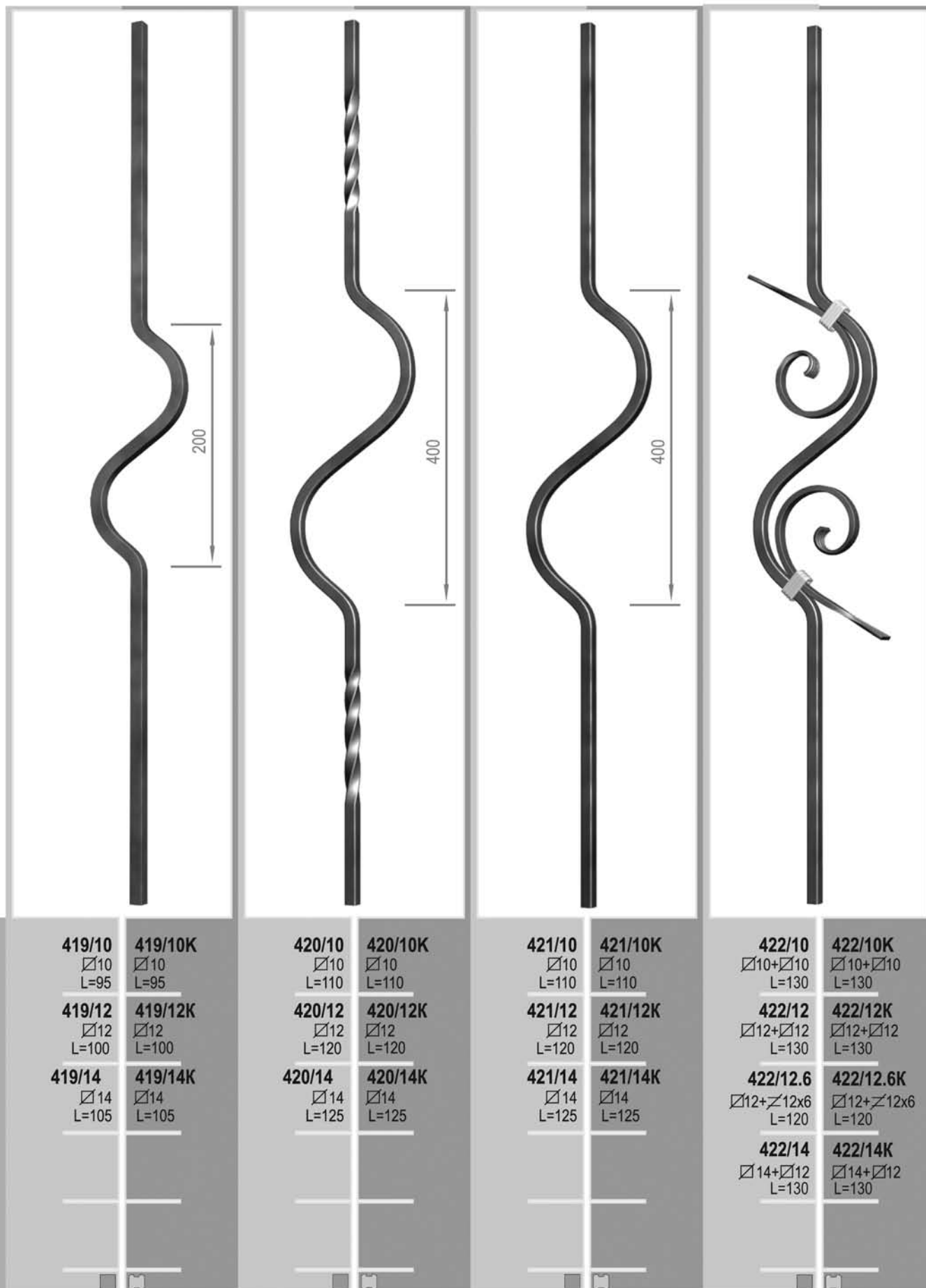
|                               |                                |
|-------------------------------|--------------------------------|
| <b>416/10</b><br>∅10<br>L=115 | <b>416/10K</b><br>∅10<br>L=115 |
| <b>416/12</b><br>∅12<br>L=120 | <b>416/12K</b><br>∅12<br>L=120 |
| <b>416/14</b><br>∅14<br>L=130 | <b>416/14K</b><br>∅14<br>L=130 |

|                               |                                |
|-------------------------------|--------------------------------|
| <b>417/10</b><br>∅10<br>L=115 | <b>417/10K</b><br>∅10<br>L=115 |
| <b>417/12</b><br>∅12<br>L=120 | <b>417/12K</b><br>∅12<br>L=120 |
| <b>417/14</b><br>∅14<br>L=125 | <b>417/14K</b><br>∅14<br>L=125 |

|                               |                                |
|-------------------------------|--------------------------------|
| <b>418/10</b><br>∅10<br>L=115 | <b>418/10K</b><br>∅10<br>L=115 |
| <b>418/12</b><br>∅12<br>L=120 | <b>418/12K</b><br>∅12<br>L=120 |
| <b>418/14</b><br>∅14<br>L=125 | <b>418/14K</b><br>∅14<br>L=125 |

◀ H = 900 ▶

Допуск ± 5 мм





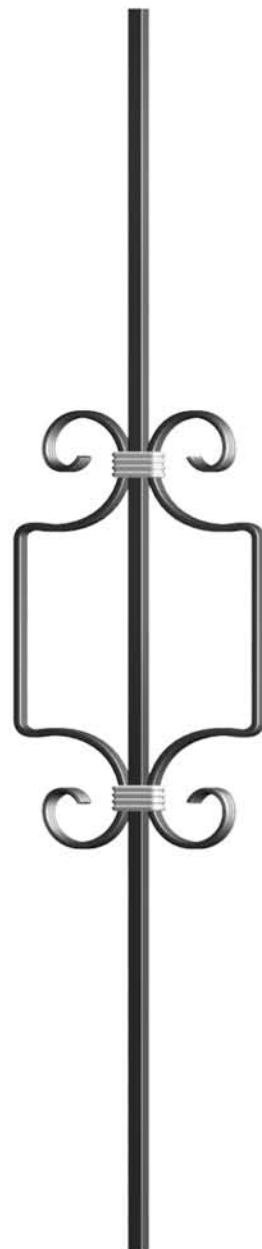
|                                       |  |
|---------------------------------------|--|
| <b>423/10</b><br>∅10+∅10<br>L=215     | <b>423/10K</b><br>∅10+∅10<br>L=215     |
| <b>423/12</b><br>∅12+∅12<br>L=215     | <b>423/12K</b><br>∅12+∅12<br>L=215     |
| <b>423/12,6</b><br>∅12+∅12x6<br>L=200 | <b>423/12,6K</b><br>∅12+∅12x6<br>L=200 |
| <b>423/14</b><br>∅14+∅12<br>L=215     | <b>423/14K</b><br>∅14+∅12<br>L=215     |



|                                       |  |
|---------------------------------------|--|
| <b>424/10</b><br>∅10+∅10<br>L=200     | <b>424/10K</b><br>∅10+∅10<br>L=200     |
| <b>424/12</b><br>∅12+∅12<br>L=205     | <b>424/12K</b><br>∅12+∅12<br>L=205     |
| <b>424/12,6</b><br>∅12+∅12x6<br>L=205 | <b>424/12,6K</b><br>∅12+∅12x6<br>L=205 |
| <b>424/14</b><br>∅14+∅12<br>L=210     | <b>424/14K</b><br>∅14+∅12<br>L=210     |



|                                       |  |
|---------------------------------------|--|
| <b>425/10</b><br>∅10+∅10<br>L=200     | <b>425/10K</b><br>∅10+∅10<br>L=200     |
| <b>425/12</b><br>∅12+∅12<br>L=205     | <b>425/12K</b><br>∅12+∅12<br>L=205     |
| <b>425/12,6</b><br>∅12+∅12x6<br>L=205 | <b>425/12,6K</b><br>∅12+∅12x6<br>L=205 |
| <b>425/14</b><br>∅14+∅12<br>L=210     | <b>425/14K</b><br>∅14+∅12<br>L=210     |



|                                       |  |
|---------------------------------------|--|
| <b>426/10</b><br>∅10+∅10<br>L=210     | <b>426/10K</b><br>∅10+∅10<br>L=210     |
| <b>426/12,6</b><br>∅12+∅12x6<br>L=202 | <b>426/12,6K</b><br>∅12+∅12x6<br>L=202 |



427/10

 $\varnothing 10 + \varnothing 10$   
L=210

427/10K

 $\varnothing 10 + \varnothing 10$   
L=210

427/12,6

 $\varnothing 12 + \varnothing 12 \times 6$   
L=202

427/12,6K

 $\varnothing 12 + \varnothing 12 \times 6$   
L=202


428/10

 $\varnothing 10 + \varnothing 10$   
L=210

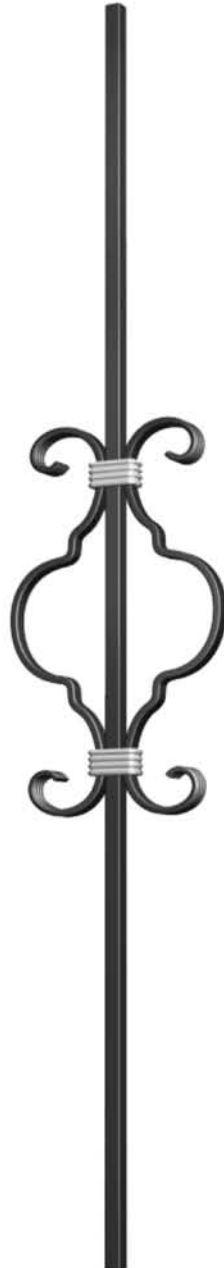
428/10K

 $\varnothing 10 + \varnothing 10$   
L=210

428/12,6

 $\varnothing 12 + \varnothing 12 \times 6$   
L=202

428/12,6K

 $\varnothing 12 + \varnothing 12 \times 6$   
L=202


429/10

 $\varnothing 10 + \varnothing 10$   
L=150

429/10K

 $\varnothing 10 + \varnothing 10$   
L=150

429/12,6

 $\varnothing 12 + \varnothing 12 \times 6$   
L=145

429/12,6K

 $\varnothing 12 + \varnothing 12 \times 6$   
L=145


430/10

 $\varnothing 10 + \varnothing 10$   
L=150

430/10K

 $\varnothing 10 + \varnothing 10$   
L=150

430/12,6

 $\varnothing 12 + \varnothing 12 \times 6$   
L=145

430/12,6K

 $\varnothing 12 + \varnothing 12 \times 6$   
L=145



|                                       |  |
|---------------------------------------|--|
| <b>431/10</b><br>∅10+∅10<br>L=150     | <b>431/10K</b><br>∅10+∅10<br>L=150     |
| <b>431/12,6</b><br>∅12+∅12x6<br>L=145 | <b>431/12,6K</b><br>∅12+∅12x6<br>L=145 |



|                                       |  |
|---------------------------------------|--|
| <b>432/10</b><br>∅10+∅10<br>L=150     | <b>432/10K</b><br>∅10+∅10<br>L=150     |
| <b>432/12,6</b><br>∅12+∅12x6<br>L=135 | <b>432/12,6K</b><br>∅12+∅12x6<br>L=135 |



















|                                       |  |
|---------------------------------------|--|
| <b>433/10</b><br>∅10+∅10<br>L=150     | <b>433/10K</b><br>∅10+∅10<br>L=150     |
| <b>433/12,6</b><br>∅12+∅12x6<br>L=135 | <b>433/12,6K</b><br>∅12+∅12x6<br>L=135 |



|                                       |  |
|---------------------------------------|--|
| <b>434/10</b><br>∅10+∅10<br>L=210     | <b>434/10K</b><br>∅10+∅10<br>L=210     |
| <b>434/12,6</b><br>∅12+∅12x6<br>L=202 | <b>434/12,6K</b><br>∅12+∅12x6<br>L=202 |



|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
|   |   |   |   |  |  |   |   |
| <b>435/10</b><br>∅10+∅10<br>L=210   | <b>435/10K</b><br>∅10+∅10<br>L=210  | <b>436/10</b><br>∅10+∅10<br>L=210   | <b>436/10K</b><br>∅10+∅10<br>L=210  | <b>437/10</b><br>∅10+∅10<br>L=250   | <b>437/10K</b><br>∅10+∅10<br>L=250  | <b>438/10</b><br>∅10+∅10<br>L=250   | <b>438/10K</b><br>∅10+∅10<br>L=250  |
| <b>435/12,6</b><br>∅12+∅12x6<br>L=202   | <b>435/12,6K</b><br>∅12+∅12x6<br>L=202  | <b>436/12,6</b><br>∅12+∅12x6<br>L=202   | <b>436/12,6K</b><br>∅12+∅12x6<br>L=202  | <b>437/12,6</b><br>∅12+∅12x6<br>L=230   | <b>437/12,6K</b><br>∅12+∅12x6<br>L=230  | <b>438/12,6</b><br>∅12+∅12x6<br>L=230   | <b>438/12,6K</b><br>∅12+∅12x6<br>L=230  |
|   |   |   |   | <b>437/12</b><br>∅12+∅12<br>L=265   | <b>437/12K</b><br>∅12+∅12<br>L=265  | <b>438/12</b><br>∅12+∅12<br>L=265   | <b>438/12K</b><br>∅12+∅12<br>L=265  |
|  |  |  |  |  |  |  |  |



|                                       |  |
|---------------------------------------|--|
| <b>439/12,6</b><br>∅12+∠12x6<br>L=150 | <b>439/12,6K</b><br>∅12+∠12x6<br>L=150 |
|---------------------------------------|--|











|                                       |  |
|---------------------------------------|--|
| <b>440/10</b><br>∅10+∅10<br>L=170     | <b>440/10K</b><br>∅10+∅10<br>L=170     |
| <b>440/12,6</b><br>∅12+∠12x6<br>L=164 | <b>440/12,6K</b><br>∅12+∠12x6<br>L=164 |



|                                       |  |
|---------------------------------------|--|
| <b>441/10</b><br>∅10+∅10<br>L=200     | <b>441/10K</b><br>∅10+∅10<br>L=200     |
| <b>441/12,6</b><br>∅12+∠12x6<br>L=190 | <b>441/12,6K</b><br>∅12+∠12x6<br>L=190 |



|                                       |  |
|---------------------------------------|--|
| <b>442/10</b><br>∅10+∅10<br>L=200     | <b>442/10K</b><br>∅10+∅10<br>L=200     |
| <b>442/12</b><br>∅12+∅12<br>L=206     | <b>442/12K</b><br>∅12+∅12<br>L=206     |
| <b>442/12,6</b><br>∅12+∠12x6<br>L=190 | <b>442/12,6K</b><br>∅12+∠12x6<br>L=190 |
| <b>442/14</b><br>∅14+∅12<br>L=208     | <b>442/14K</b><br>∅14+∅12<br>L=208     |

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
| <b>443/10</b><br>□10+□10<br>L=210  | <b>443/10K</b><br>□10+□10<br>L=210   | <b>444/10</b><br>□10+□10<br>L=255  | <b>444/10K</b><br>□10+□10<br>L=255   | <b>445/10</b><br>□10+□10<br>L=170  | <b>445/10K</b><br>□10+□10<br>L=170   | <b>446/10</b><br>□10+□10<br>L=170  | <b>446/10K</b><br>□10+□10<br>L=170   |
| <b>443/12</b><br>□12+□12<br>L=220  | <b>443/12K</b><br>□12+□12<br>L=220   | <b>444/12</b><br>□12+□12<br>L=265  | <b>444/12K</b><br>□12+□12<br>L=265   | <b>445/12</b><br>□12+□12<br>L=180  | <b>445/12K</b><br>□12+□12<br>L=180   | <b>446/12</b><br>□12+□12<br>L=180  | <b>446/12K</b><br>□12+□12<br>L=180   |
| <b>443/12.6</b><br>□12+∠12x6<br>L=210  | <b>443/12.6K</b><br>□12+∠12x6<br>L=210   | <b>444/12.6</b><br>□12+∠12x6<br>L=235  | <b>444/12.6K</b><br>□12+∠12x6<br>L=235   | <b>445/12.6</b><br>□12+∠12x6<br>L=170  | <b>445/12.6K</b><br>□12+∠12x6<br>L=170   | <b>446/12.6</b><br>□12+∠12x6<br>L=170  | <b>446/12.6K</b><br>□12+∠12x6<br>L=170   |
| <b>443/14</b><br>□14+□12<br>L=225  | <b>443/14K</b><br>□14+□12<br>L=225   | <b>444/14</b><br>□14+□12<br>L=270  | <b>444/14K</b><br>□14+□12<br>L=270   | <b>445/14</b><br>□14+□12<br>L=185  | <b>445/14K</b><br>□14+□12<br>L=185   | <b>446/14</b><br>□14+□12<br>L=185  | <b>446/14K</b><br>□14+□12<br>L=185   |



**447/10**    **447/10K**  
 $\square 10+\square 10$      $\square 10+\square 10$   
 L=230    L=230

**447/12**    **447/12K**  
 $\square 12+\square 12$      $\square 12+\square 12$   
 L=235    L=235

**447/12,6**    **447/12,6K**  
 $\square 12+\sphericalangle 12 \times 6$      $\square 12+\sphericalangle 12 \times 6$   
 L=210    L=210

**447/14**    **447/14K**  
 $\square 14+\square 12$      $\square 14+\square 12$   
 L=235    L=235



**448/12,6**    **448/12,6K**  
 $\square 12+\sphericalangle 12,6$      $\square 12+\sphericalangle 12,6$   
 L=180    L=180

**448/14**    **448/14K**  
 $\square 14+\sphericalangle 12 \times 6$      $\square 14+\sphericalangle 12 \times 6$   
 L=190    L=190



**449/12,6**    **449/12,6K**  
 $\square 12+\sphericalangle 12,6$      $\square 12+\sphericalangle 12,6$   
 L=120    L=120



**450/10**    **450/10K**  
 $\square 10$      $\square 10$   
 L=125    L=125

**450/12**    **450/12K**  
 $\square 12$      $\square 12$   
 L=130    L=130



**451/12,6**  $\varnothing 12+\nabla 12 \times 6$  L=180  
**451/12,6K**  $\varnothing 12+\nabla 12 \times 6$  L=180



**452/10**  $\varnothing 10+\varnothing 10$  L=150  
**452/10K**  $\varnothing 10+\varnothing 10$  L=150  
**452/12,6**  $\varnothing 12+\nabla 12 \times 6$  L=132  
**452/12,6K**  $\varnothing 12+\nabla 12 \times 6$  L=132



**453/10**  $\varnothing 10+\varnothing 10$  L=150  
**453/10K**  $\varnothing 10+\varnothing 10$  L=150  
**453/12,6**  $\varnothing 12+\nabla 12 \times 6$  L=132  
**453/12,6K**  $\varnothing 12+\nabla 12 \times 6$  L=132



**454/10**  $\varnothing 10+\varnothing 10$  L=225  
**454/10K**  $\varnothing 10+\varnothing 10$  L=225  
**454/12**  $\varnothing 12+\varnothing 12$  L=230  
**454/12K**  $\varnothing 12+\varnothing 12$  L=230  
**454/12,6**  $\varnothing 12+\nabla 12 \times 6$  L=210  
**454/12,6K**  $\varnothing 12+\nabla 12 \times 6$  L=210  
**454/14**  $\varnothing 14+\varnothing 12$  L=235  
**454/14K**  $\varnothing 14+\varnothing 12$  L=235



**455/10**  
 $\square 10+\square 10$   
 L=230

**455/10K**  
 $\square 10+\square 10$   
 L=230

**455/12**  
 $\square 12+\square 12$   
 L=230

**455/12K**  
 $\square 12+\square 12$   
 L=230

**455/12,6**  
 $\square 12+\sphericalangle 12 \times 6$   
 L=210

**455/12,6K**  
 $\square 12+\sphericalangle 12 \times 6$   
 L=210

**455/14**  
 $\square 14+\square 12$   
 L=235

**455/14K**  
 $\square 14+\square 12$   
 L=235



**456/10**  
 $\square 10+\square 10$   
 L=280

**456/10K**  
 $\square 10+\square 10$   
 L=280

**456/12**  
 $\square 12+\square 12$   
 L=290

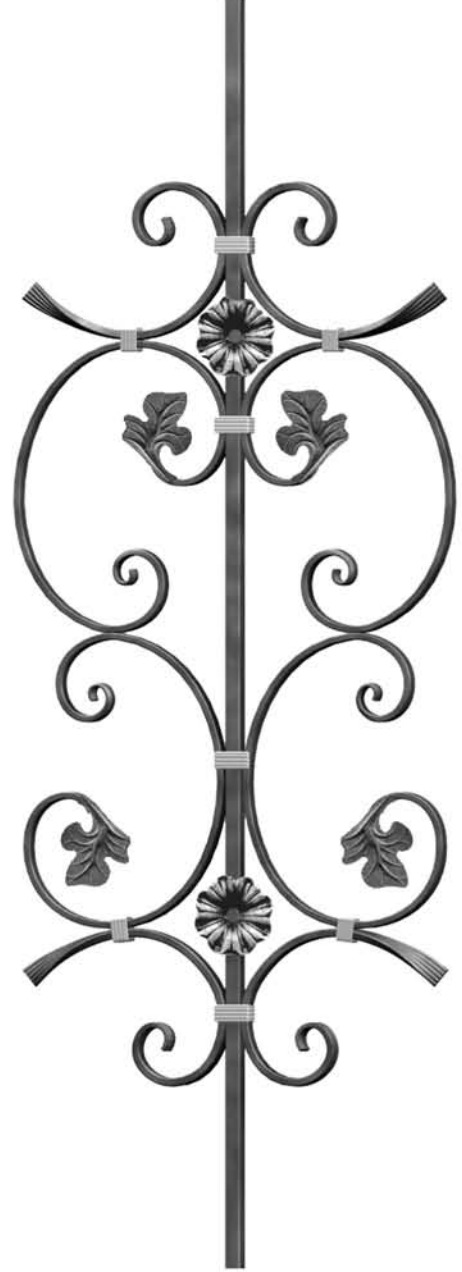
**456/12K**  
 $\square 12+\square 12$   
 L=290

**456/12,6**  
 $\square 12+\sphericalangle 12 \times 6$   
 L=270

**456/12,6K**  
 $\square 12+\sphericalangle 12 \times 6$   
 L=270

**456/14**  
 $\square 14+\square 12$   
 L=295

**456/14K**  
 $\square 14+\square 12$   
 L=295



**457/10**  
 $\square 10+\square 10$   
 L=280

**457/10K**  
 $\square 10+\square 10$   
 L=280

**457/12**  
 $\square 12+\square 12$   
 L=285

**457/12K**  
 $\square 12+\square 12$   
 L=285

**457/12,6**  
 $\square 12+\sphericalangle 12 \times 6$   
 L=270

**457/12,6K**  
 $\square 12+\sphericalangle 12 \times 6$   
 L=270

**457/14**  
 $\square 14+\square 12$   
 L=290

**457/14K**  
 $\square 14+\square 12$   
 L=290



**458/10**  
 $\varnothing 10 + \varnothing 10$   
 L=280

**458/10K**  
 $\varnothing 10 + \varnothing 10$   
 L=280

**458/12**  
 $\varnothing 12 + \varnothing 12$   
 L=290

**458/12K**  
 $\varnothing 12 + \varnothing 12$   
 L=290

**458/12,6**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=240

**458/12,6K**  
 $\varnothing 12 + \varnothing 12 \times 6$   
 L=240

**458/14**  
 $\varnothing 14 + \varnothing 12$   
 L=295

**458/14K**  
 $\varnothing 14 + \varnothing 12$   
 L=295



**460/10**  
 $\varnothing 10$   
 L=155

**460/10K**  
 $\varnothing 10$   
 L=155

**460/12**  
 $\varnothing 12$   
 L=155

**460/12K**  
 $\varnothing 12$   
 L=155

**460/14**  
 $\varnothing 14$   
 L=155

**460/14K**  
 $\varnothing 14$   
 L=155

**460/16**  
 $\varnothing 16$   
 L=155

**460/16K**  
 $\varnothing 16$   
 L=155



**461/10**  
 $\varnothing 10$   
 L=160

**461/10K**  
 $\varnothing 10$   
 L=160

**461/12**  
 $\varnothing 12$   
 L=160

**461/12K**  
 $\varnothing 12$   
 L=160

**461/14**  
 $\varnothing 14$   
 L=160

**461/14K**  
 $\varnothing 14$   
 L=160



**462/10**  
 $\varnothing 10$   
 L=115

**462/10K**  
 $\varnothing 10$   
 L=115

**462/12**  
 $\varnothing 12$   
 L=115

**462/12K**  
 $\varnothing 12$   
 L=115

**462/14**  
 $\varnothing 14$   
 L=110

**462/14K**  
 $\varnothing 14$   
 L=110

**462/16**  
 $\varnothing 16$   
 L=105

**462/16K**  
 $\varnothing 16$   
 L=105



|                               |                                |
|-------------------------------|--------------------------------|
| <b>463/10</b><br>∅10<br>L=120 | <b>463/10K</b><br>∅10<br>L=120 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>463/12</b><br>∅12<br>L=120 | <b>463/12K</b><br>∅12<br>L=120 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>463/14</b><br>∅14<br>L=115 | <b>463/14K</b><br>∅14<br>L=115 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>463/16</b><br>∅16<br>L=110 | <b>463/16K</b><br>∅16<br>L=110 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>464/10</b><br>∅10<br>L=155 | <b>464/10K</b><br>∅10<br>L=155 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>464/12</b><br>∅12<br>L=150 | <b>464/12K</b><br>∅12<br>L=150 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>464/14</b><br>∅14<br>L=145 | <b>464/14K</b><br>∅14<br>L=145 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>464/16</b><br>∅16<br>L=140 | <b>464/16K</b><br>∅16<br>L=140 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>465/10</b><br>∅10<br>L=120 | <b>465/10K</b><br>∅10<br>L=120 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>465/12</b><br>∅12<br>L=120 | <b>465/12K</b><br>∅12<br>L=120 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>465/14</b><br>∅14<br>L=115 | <b>465/14K</b><br>∅14<br>L=115 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>466/10</b><br>∅10<br>L=155 | <b>466/10K</b><br>∅10<br>L=155 |
|-------------------------------|--------------------------------|

|                               |                                |
|-------------------------------|--------------------------------|
| <b>466/12</b><br>∅12<br>L=150 | <b>466/12K</b><br>∅12<br>L=150 |
|-------------------------------|--------------------------------|

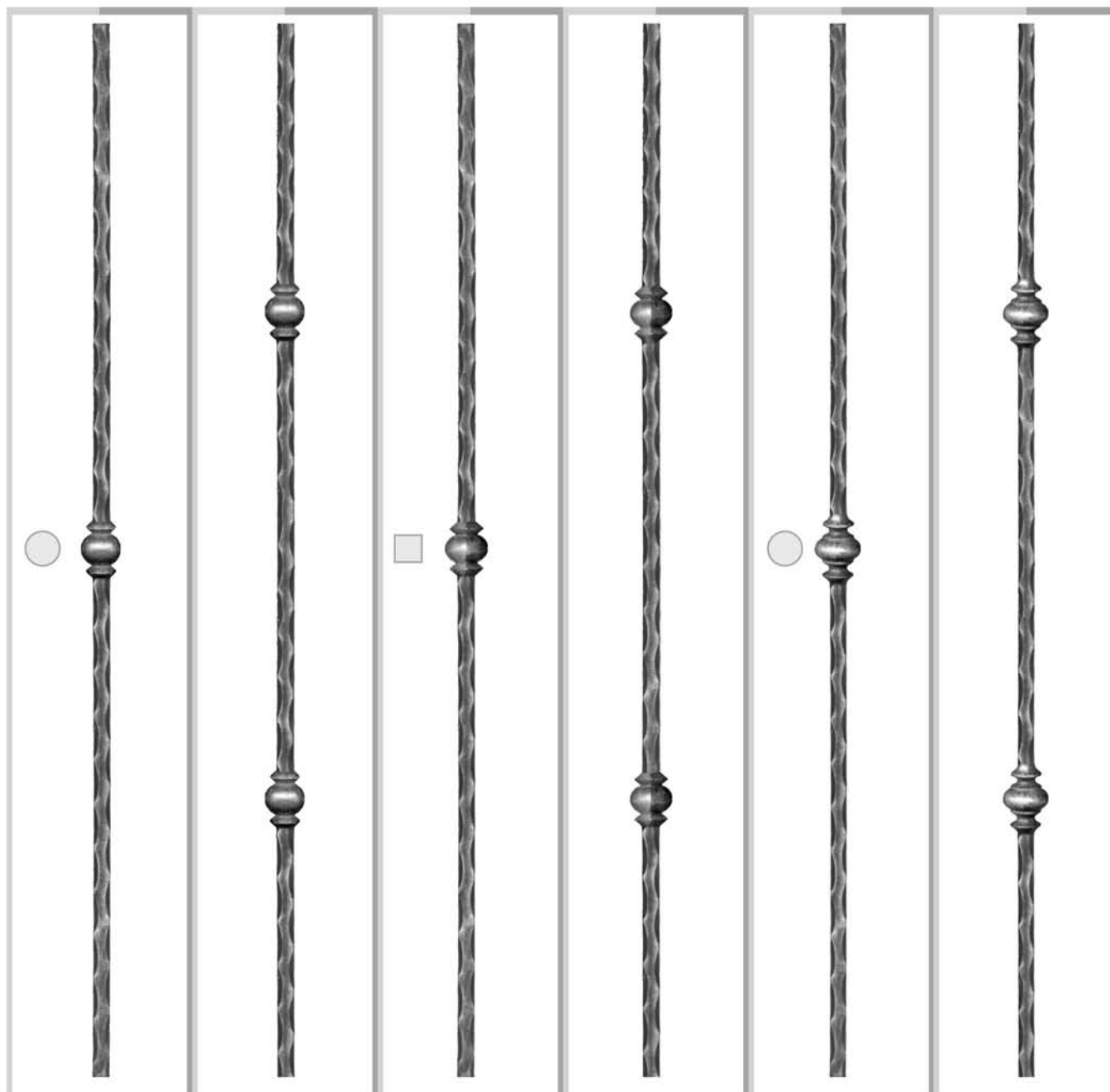
|                               |                                |
|-------------------------------|--------------------------------|
| <b>466/14</b><br>∅14<br>L=145 | <b>466/14K</b><br>∅14<br>L=145 |
|-------------------------------|--------------------------------|



◀ H = 900 ▶

Допуск ± 5 мм

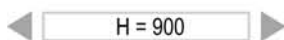


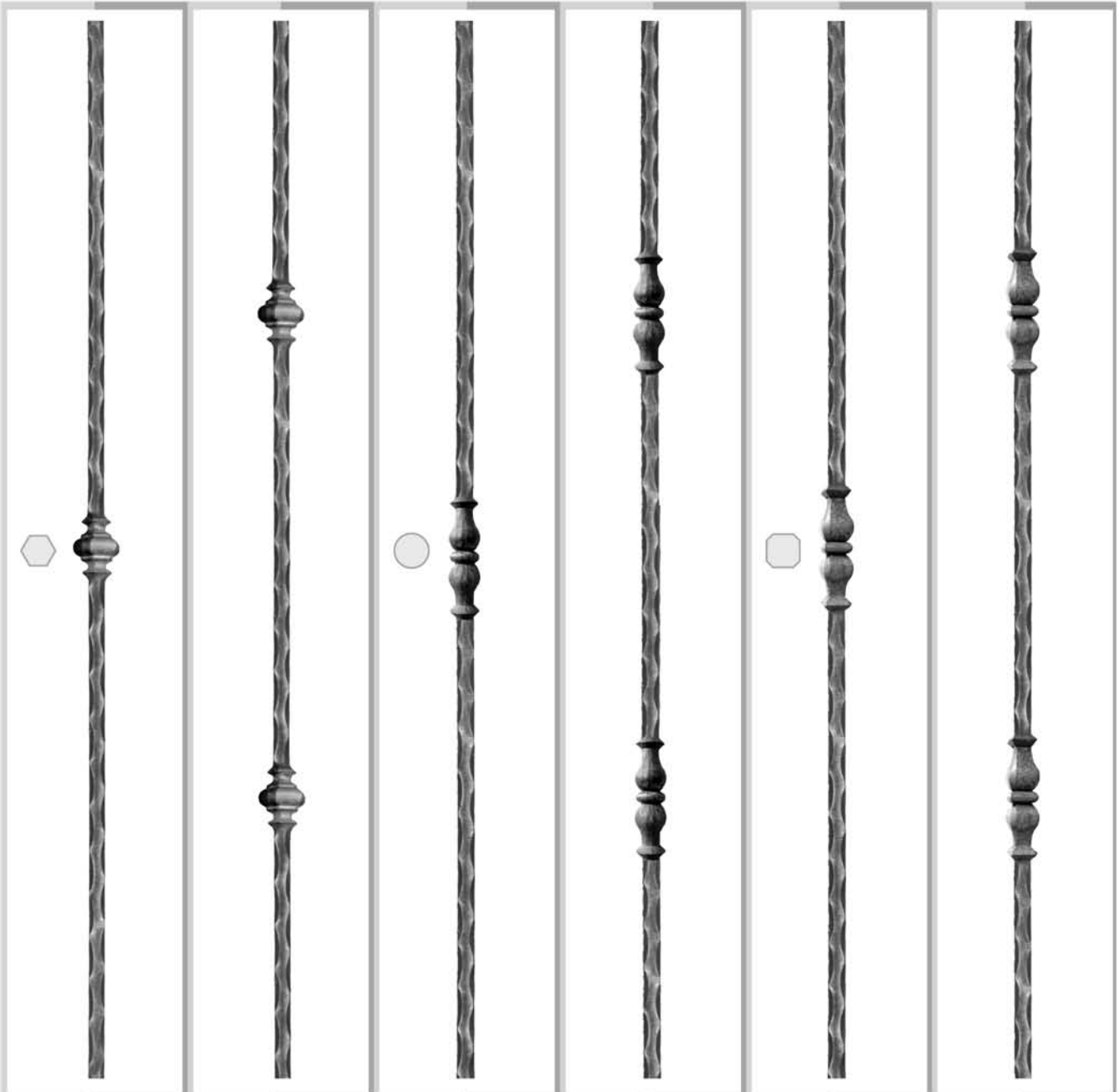


|                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |
|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 470A/12<br>Ø12  | 470A/12K<br>Ø12  | 470B/12<br>Ø12  | 470B/12K<br>Ø12  | 471A/12<br>Ø12  | 471A/12K<br>Ø12  | 471B/12<br>Ø12  | 471B/12K<br>Ø12  | 472A/12<br>Ø12  | 472A/12K<br>Ø12  | 472B/12<br>Ø12  | 472B/12K<br>Ø12  |
| 470A/14<br>Ø14  | 470A/14K<br>Ø14  | 470B/14<br>Ø14  | 470B/14K<br>Ø14  | 471A/14<br>Ø14  | 471A/14K<br>Ø14  | 471B/14<br>Ø14  | 471B/14K<br>Ø14  | 472A/14<br>Ø14  | 472A/14K<br>Ø14  | 472B/14<br>Ø14  | 472B/14K<br>Ø14  |
| 470A/012<br>Ø12 | 470A/012K<br>Ø12 | 470B/012<br>Ø12 | 470B/012K<br>Ø12 | 471A/012<br>Ø12 | 471A/012K<br>Ø12 | 471B/012<br>Ø12 | 471B/012K<br>Ø12 | 472A/012<br>Ø12 | 472A/012K<br>Ø12 | 472B/012<br>Ø12 | 472B/012K<br>Ø12 |
| 470A/014<br>Ø14 | 470A/014K<br>Ø14 | 470B/014<br>Ø14 | 470B/014K<br>Ø14 | 471A/014<br>Ø14 | 471A/014K<br>Ø14 | 471B/014<br>Ø14 | 471B/014K<br>Ø14 | 472A/014<br>Ø14 | 472A/014K<br>Ø14 | 472B/014<br>Ø14 | 472B/014K<br>Ø14 |



Допуск ± 5 мм



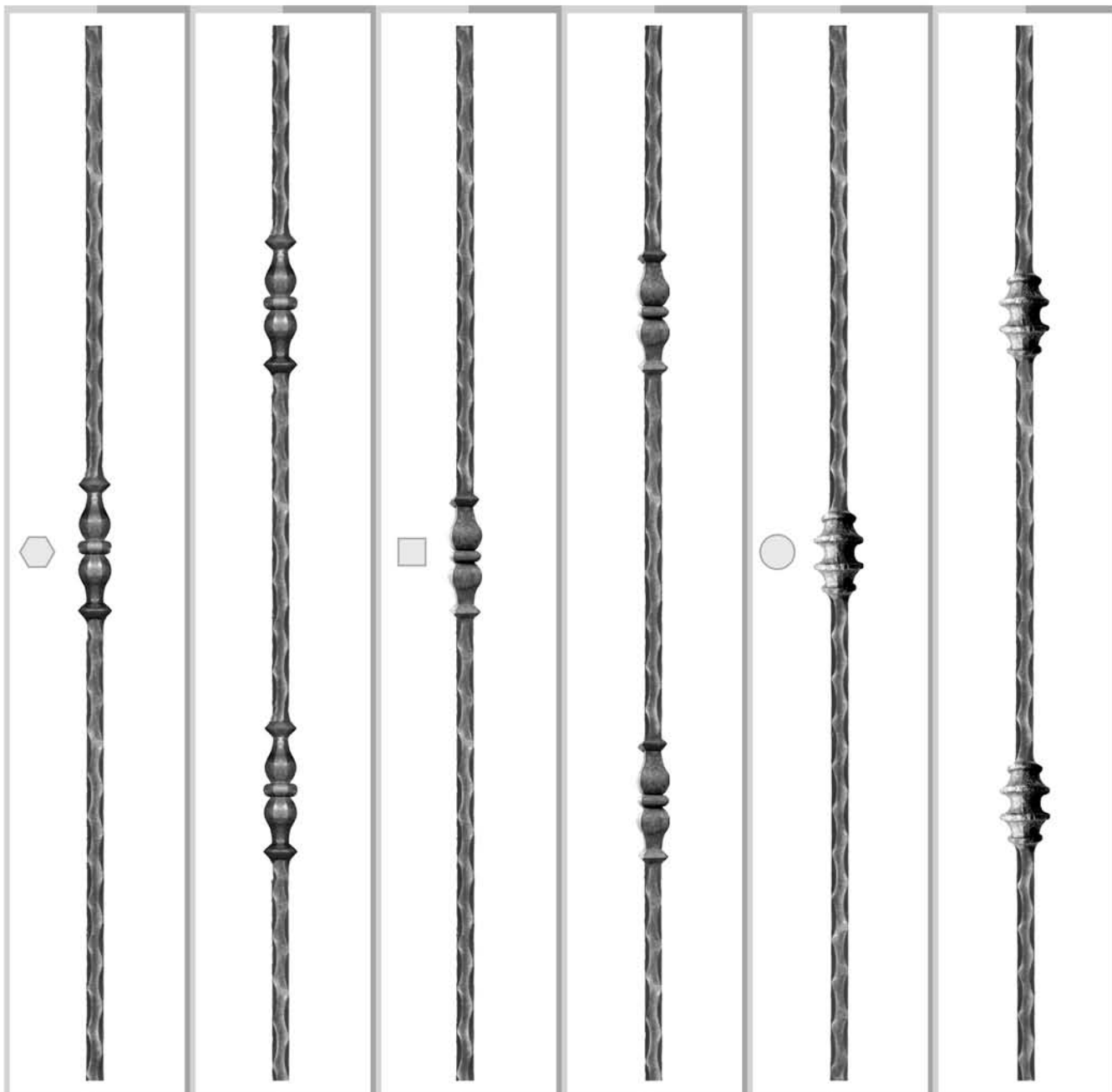


|                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |
|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 473A/12<br>∅12  | 473A/12K<br>∅12  | 473B/12<br>∅12  | 473B/12K<br>∅12  | 474A/12<br>∅12  | 474A/12K<br>∅12  | 474B/12<br>∅12  | 474B/12K<br>∅12  | 475A/12<br>∅12  | 475A/12K<br>∅12  | 475B/12<br>∅12  | 475B/12K<br>∅12  |
| 473A/14<br>∅14  | 473A/14K<br>∅14  | 473B/14<br>∅14  | 473B/14K<br>∅14  | 474A/14<br>∅14  | 474A/14K<br>∅14  | 474B/14<br>∅14  | 474B/14K<br>∅14  | 475A/14<br>∅14  | 475A/14K<br>∅14  | 475B/14<br>∅14  | 475B/14K<br>∅14  |
| 473A/012<br>∅12 | 473A/012K<br>∅12 | 473B/012<br>∅12 | 473B/012K<br>∅12 | 474A/012<br>∅12 | 474A/012K<br>∅12 | 474B/012<br>∅12 | 474B/012K<br>∅12 | 475A/012<br>∅12 | 475A/012K<br>∅12 | 475B/012<br>∅12 | 475B/012K<br>∅12 |
| 473A/014<br>∅14 | 473A/014K<br>∅14 | 473B/014<br>∅14 | 473B/014K<br>∅14 | 474A/014<br>∅14 | 474A/014K<br>∅14 | 474B/014<br>∅14 | 474B/014K<br>∅14 | 475A/014<br>∅14 | 475A/014K<br>∅14 | 475B/014<br>∅14 | 475B/014K<br>∅14 |



◀ H = 900 ▶

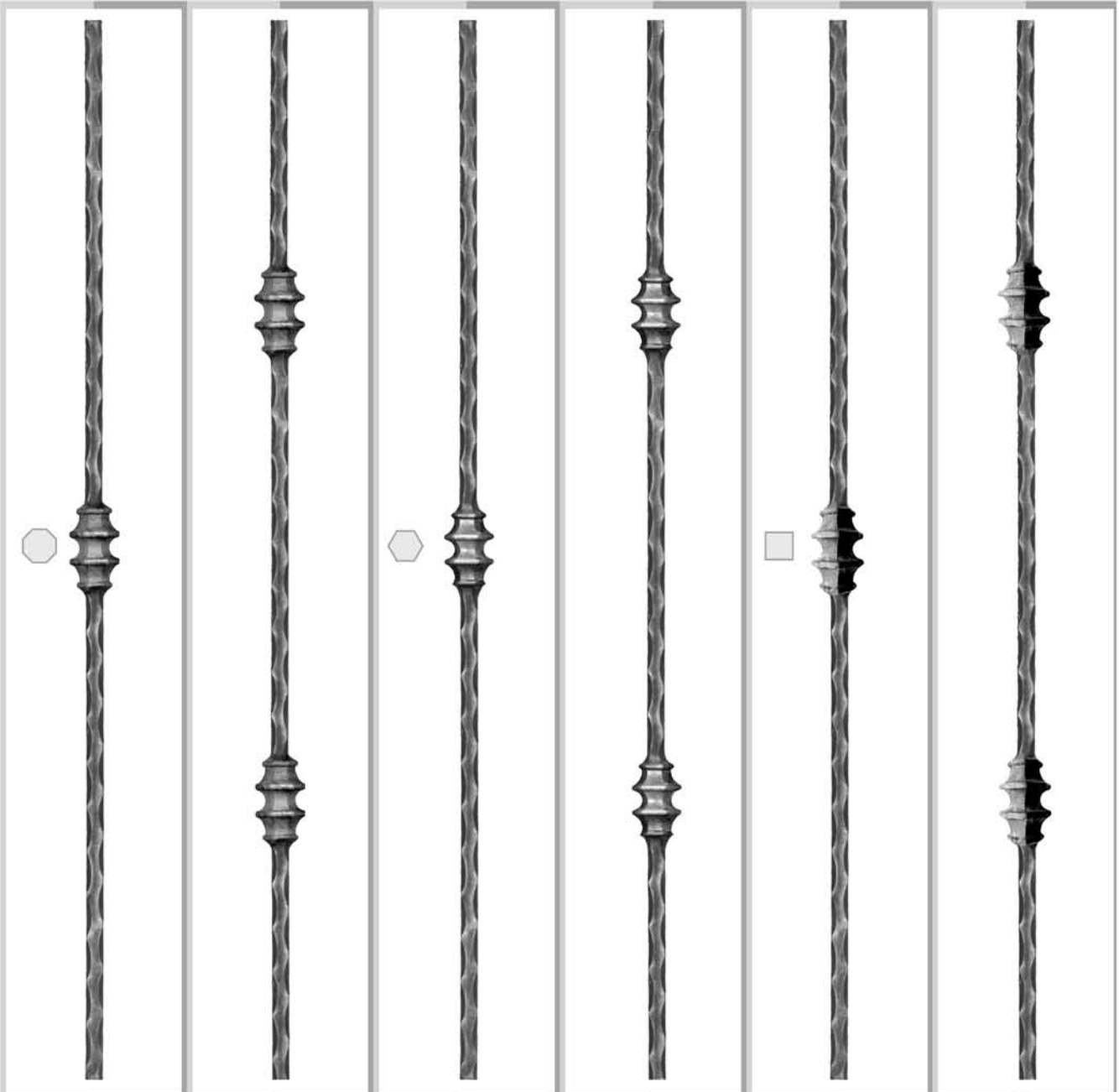
Допуск ± 5 мм



|                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |
|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 476A/12<br>∅12  | 475A/12K<br>∅12  | 476B/12<br>∅12  | 476B/12K<br>∅12  | 477A/12<br>∅12  | 477A/12K<br>∅12  | 477B/12<br>∅12  | 477B/12K<br>∅12  | 478A/14<br>∅14  | 478A/14K<br>∅14  | 478B/14<br>∅14  | 478B/14K<br>∅14  |
| 476A/14<br>∅14  | 476A/14K<br>∅14  | 476B/14<br>∅14  | 476B/14K<br>∅14  | 477A/14<br>∅14  | 477A/14K<br>∅14  | 477B/14<br>∅14  | 477B/14K<br>∅14  | 478A/16<br>∅16  | 478A/16K<br>∅16  | 478B/16<br>∅16  | 478B/16K<br>∅16  |
| 476A/012<br>∅12 | 476A/012K<br>∅12 | 476B/012<br>∅12 | 476B/012K<br>∅12 | 477A/012<br>∅12 | 477A/012K<br>∅12 | 477B/012<br>∅12 | 477B/012K<br>∅12 | 478A/014<br>∅14 | 478A/014K<br>∅14 | 478B/014<br>∅14 | 478B/014K<br>∅14 |
| 476A/014<br>∅14 | 476A/014K<br>∅14 | 476B/014<br>∅14 | 476B/014K<br>∅14 | 477A/014<br>∅14 | 477A/014K<br>∅14 | 477B/014<br>∅14 | 477B/014K<br>∅14 |                 |                  |                 |                  |

Допуск ± 5 мм

◀ H = 900 ▶

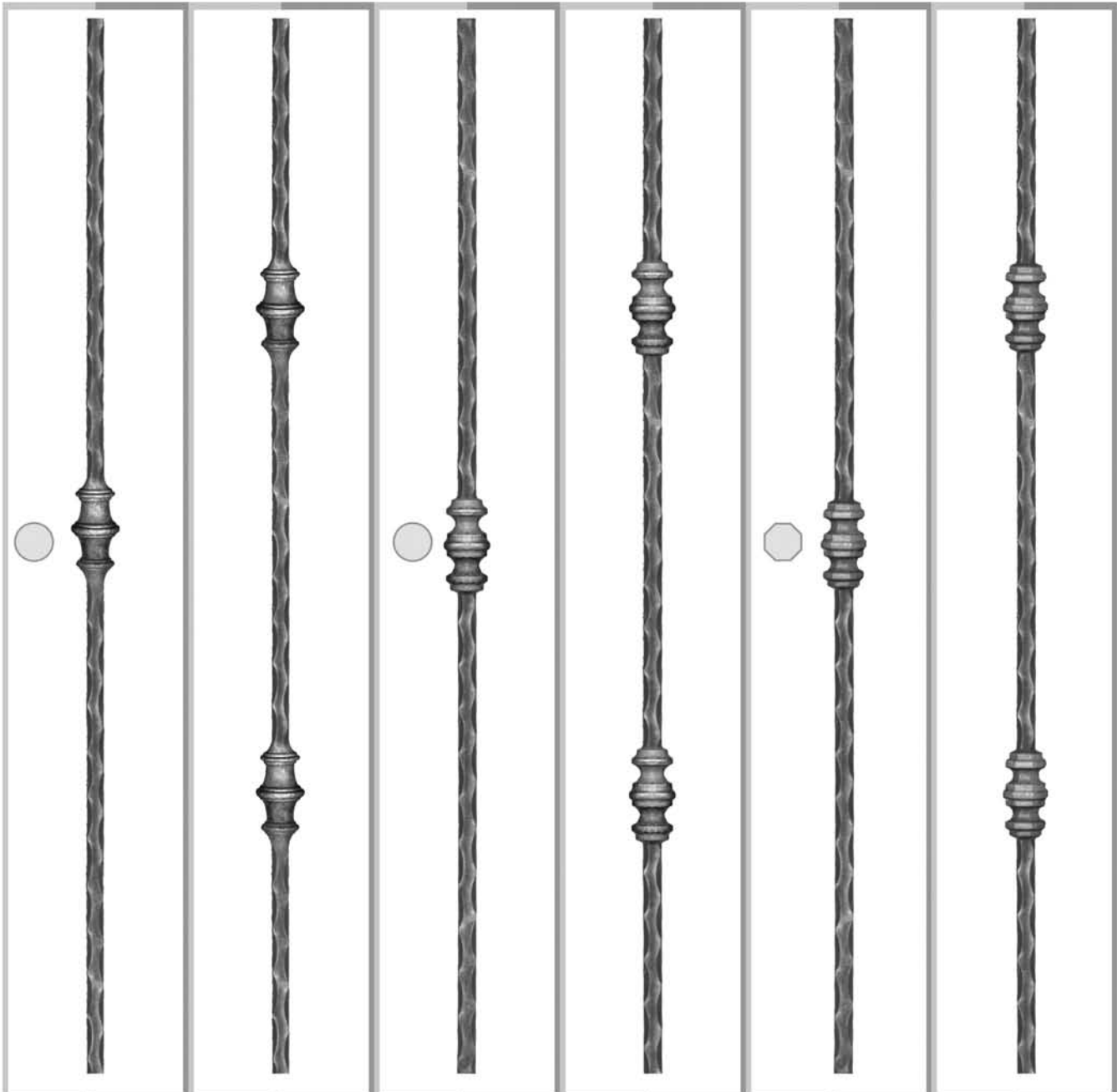


|                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |
|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 479A/14<br>∅14  | 479A/14K<br>∅14  | 479B/14<br>∅14  | 479B/14K<br>∅14  | 480A/14<br>∅14  | 480A/14K<br>∅14  | 480B/14<br>∅14  | 480B/14K<br>∅14  | 481A/14<br>∅14  | 481A/14K<br>∅14  | 481B/14<br>∅14  | 481B/14K<br>∅14  |
| 479A/16<br>∅16  | 479A/16K<br>∅16  | 479B/16<br>∅16  | 479B/16K<br>∅16  | 480A/16<br>∅16  | 480A/16K<br>∅16  | 480B/16<br>∅16  | 480B/16K<br>∅16  | 481A/16<br>∅16  | 481A/16K<br>∅16  | 481B/16<br>∅16  | 481B/16K<br>∅16  |
| 479A/014<br>∅14 | 479A/014K<br>∅14 | 479B/014<br>∅14 | 479B/014K<br>∅14 | 480A/014<br>∅14 | 480A/014K<br>∅14 | 480B/014<br>∅14 | 480B/014K<br>∅14 | 481A/014<br>∅14 | 481A/014K<br>∅14 | 481B/014<br>∅14 | 481B/014K<br>∅14 |



◀ H = 900 ▶

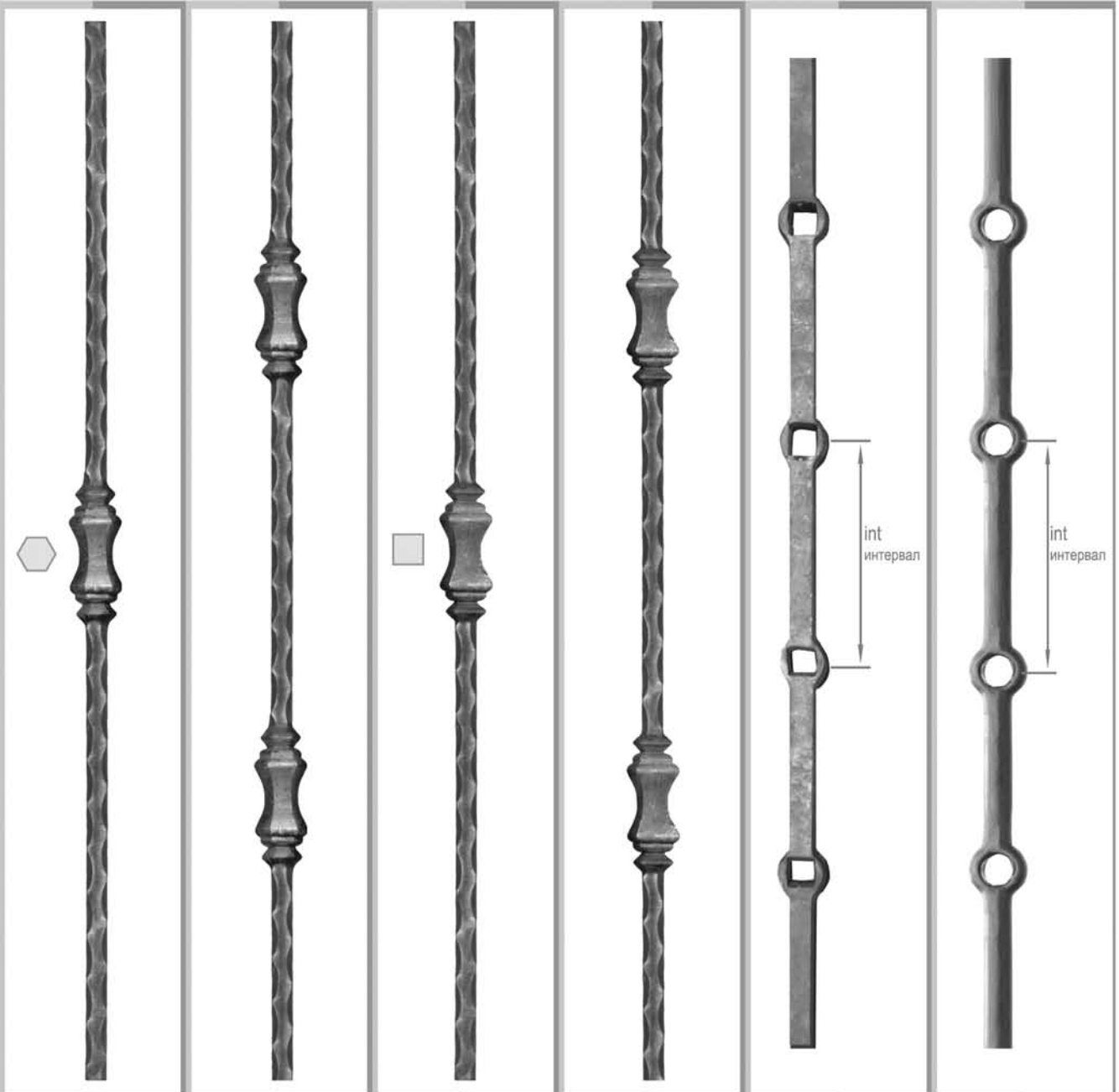
Допуск ± 5 мм



|                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |                 |                  |
|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 482A/14<br>∅14  | 482A/14K<br>∅14  | 482B/14<br>∅14  | 482B/14K<br>∅14  | 483A/14<br>∅14  | 483/14K<br>∅14   | 483B/14<br>∅14  | 483B/14K<br>∅14  | 484A/14<br>∅14  | 484A/14K<br>∅14  | 484B/14<br>∅14  | 484B/14K<br>∅14  |
| 482A/16<br>∅16  | 482A/16K<br>∅16  | 482B/16<br>∅16  | 482B/16K<br>∅16  | 483A/16<br>∅16  | 483A/16K<br>∅16  | 483B/16<br>∅16  | 483B/16K<br>∅16  | 484A/16<br>∅16  | 484A/16K<br>∅16  | 484B/16<br>∅16  | 484B/16K<br>∅16  |
| 482A/014<br>∅14 | 482A/014K<br>∅14 | 482B/014<br>∅14 | 482B/014K<br>∅14 | 483A/014<br>∅14 | 483A/014K<br>∅14 | 483B/014<br>∅14 | 483B/014K<br>∅14 | 484A/014<br>∅14 | 484A/014K<br>∅14 | 484B/014<br>∅14 | 484B/014K<br>∅14 |

Допуск ± 5 мм

◀ H = 900 ▶



|                 |                  |                 |                  |                 |                  |                 |                  |
|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 485A/14<br>∅14  | 485A/14K<br>∅14  | 485B/14<br>∅14  | 485B/14K<br>∅14  | 486A/14<br>∅14  | 486A/14K<br>∅14  | 486B/14<br>∅14  | 486B/14K<br>∅14  |
| 485A/16<br>∅16  | 485A/16K<br>∅16  | 485B/16<br>∅16  | 485B/16K<br>∅16  | 486A/16<br>∅16  | 486A/16K<br>∅16  | 486B/16<br>∅16  | 486B/16K<br>∅16  |
| 485A/014<br>∅14 | 485A/014K<br>∅14 | 485B/014<br>∅14 | 485B/014K<br>∅14 | 486A/014<br>∅14 | 486A/014K<br>∅14 | 486B/014<br>∅14 | 486B/014K<br>∅14 |

|                              |                               |
|------------------------------|-------------------------------|
| 490/16.140<br>∅16<br>int 140 | 491/020.140<br>∅20<br>int 140 |
| 490/16.150<br>∅16<br>int 150 | 491/020.150<br>∅20<br>int 150 |
| 490/16.160<br>∅16<br>int 160 | 491/020.160<br>∅20<br>int 160 |
| 490/16.170<br>∅16<br>int 170 | 491/020.170<br>∅20<br>int 170 |

◀ H = 900 ▶

Допуск ± 5 мм



492/20  
Ø20  
H = 900



493/20  
Ø20  
H = 900



494/20  
Ø20  
H = 900



495/20  
Ø20  
H = 900



496/20  
Ø20  
H = 900



497/40  
Ø40  
H = 1100



|                   |                    |                    |                     |                    |                     |
|-------------------|--------------------|--------------------|---------------------|--------------------|---------------------|
| 498/10<br>∅10     | 498/10K<br>∅10     | 499A/10<br>∅10     | 499A/10K<br>∅10     | 499B/10<br>∅10     | 499B/10K<br>∅10     |
| 498/12,6<br>≠12x6 | 498/12,6K<br>≠12x6 | 499A/12,6<br>≠12x6 | 499A/12,6K<br>≠12x6 | 499B/12,6<br>≠12x6 | 499B/12,6K<br>≠12x6 |
| 498/12<br>∅12     | 498/12K<br>∅12     | 499A/12<br>∅12     | 499A/12K<br>∅12     | 499B/12<br>∅12     | 499B/12K<br>∅12     |

◀ H = 900 ▶

Допуск ± 5 мм