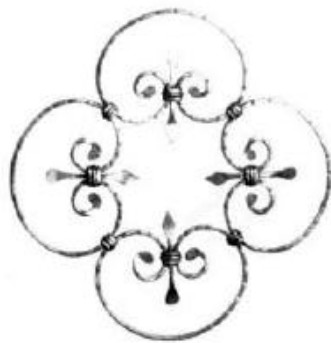


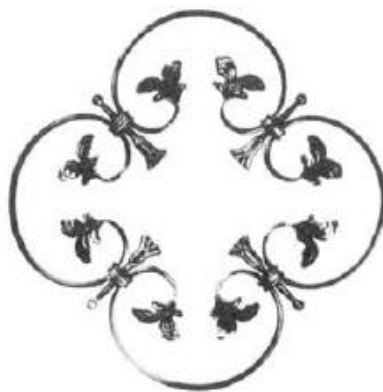
**Art. 24/1**

10x5 mm Ø 380 mm



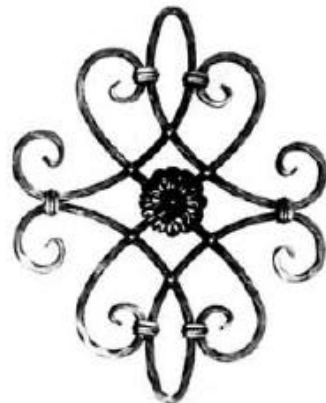
**Art. 24/2**

10x5 mm Ø 380 mm



**Art. 24/B/1**

12x6 mm Ø 460 mm



**Art. 26/C/1**

400x480 mm Ferro Martelado



**Art. 30/4**

6x6 mm Ø 153 mm



**Art. 28/2**

8x8 mm Ø 270 mm  
Lado 215x235 mm



**Art. 33/1**

12x6 mm Ø 250 mm



**Art. 30/3**

16x4 mm Ø 250 mm



**Art. 33/2**

12x6 mm 250x250 mm



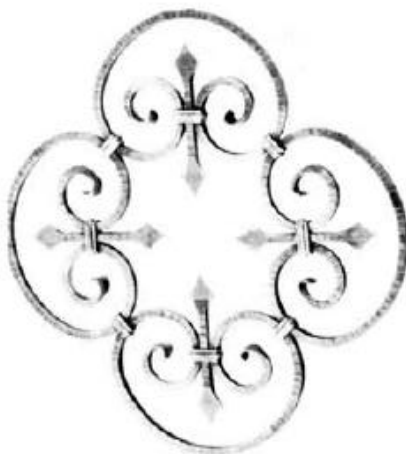
**Art. 33/3**

16x 4 mm 250x 250 mm



**Art. 92/A/3**

12x6 mm 163x330 mm



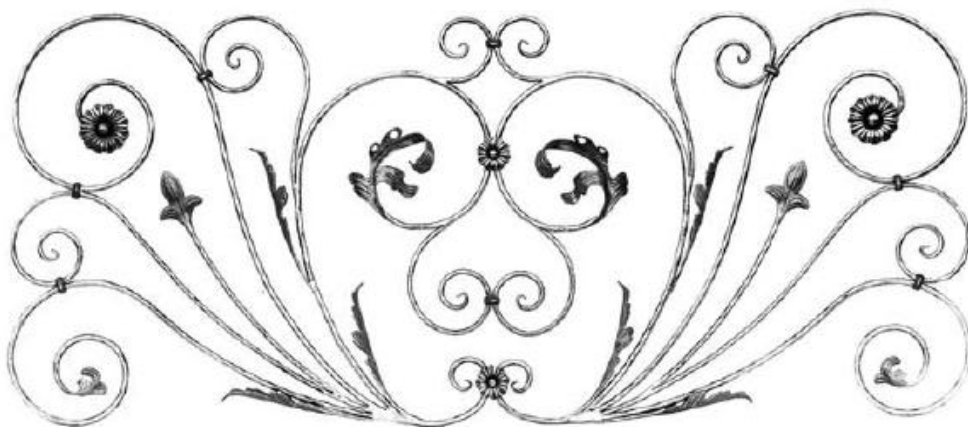
**Art. 24/3**

12x12 mm Ø 600 mm  
Ferro Martelado

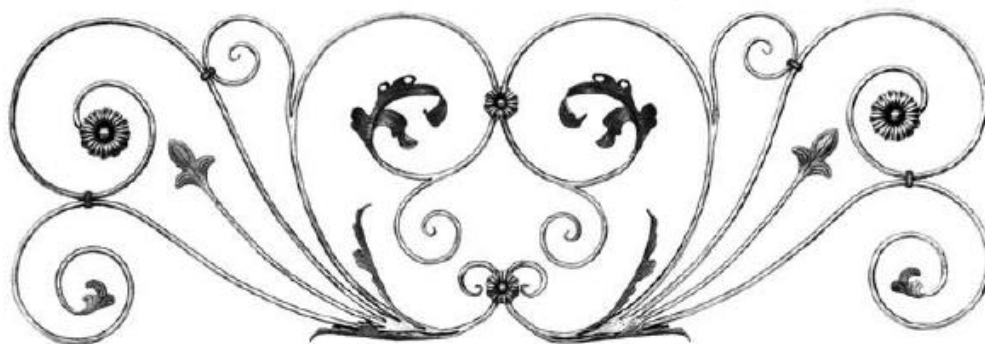


**Art. 24/F/1**

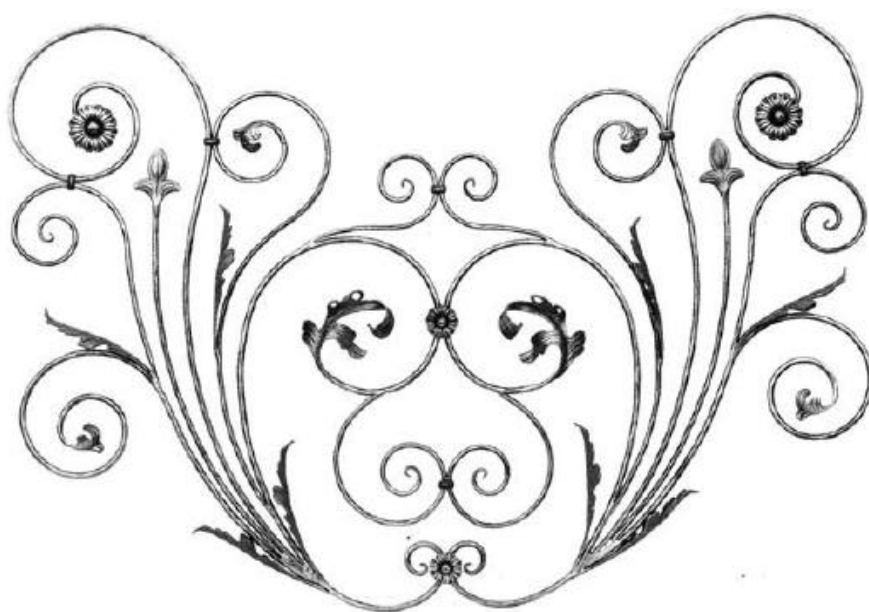
12x12 mm 300x560 mm



**Art. 713/1**  
 Ø 12 mm ferro martelado  
 1780 x H 760 mm

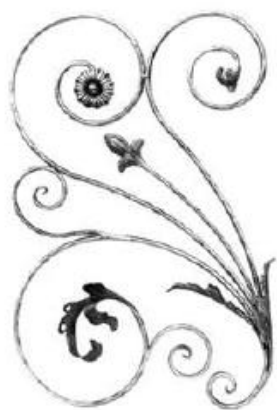


**Art. 713/2**  
 Ø 12 mm ferro martelado  
 1780 x H 580 mm

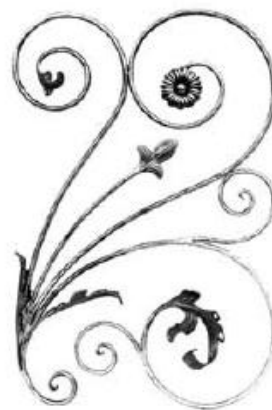


**Art. 714/1**  
 Ø 12 mm ferro martelado  
 1600 x H 1150 mm





**Art. 715/1**  
 Ø 12 mm ferro martelado  
 580 x H 880 mm



**Art. 715/2**  
 Ø 12 mm ferro martelado  
 580 x H 880 mm



**Art. 716/1**  
 Ø 12 mm ferro martelado  
 920 x H 1280 mm



**Art. 716/2**  
 Ø 12 mm ferro martelado  
 920 x H 1280 mm



**Art. 716/3**  
 Ø 12 mm ferro martelado  
 760 x H 890 mm



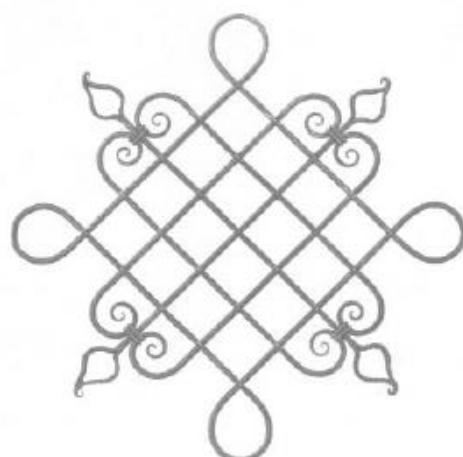
**Art. 716/4**  
 Ø 12 mm ferro martelado  
 760 x H 890 mm



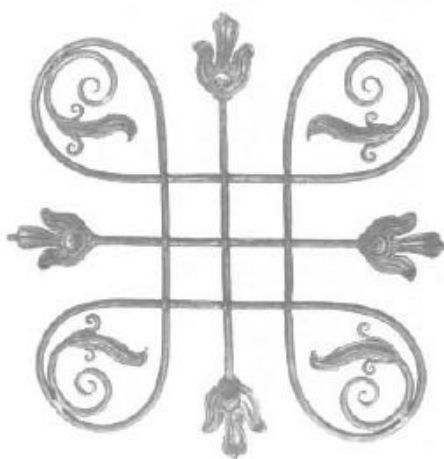




**Art. 679/1**  
 $\varnothing$  12 mm  
 420 x 420 mm



**Art. 679/2**  
 $\varnothing$  12 mm  
 830 x 830 mm



**Art. 679/3**  
 $\varnothing$  12 mm  
 720 x 720 mm



**Art. 680/1**  
 $\square$  16 x 8 mm  
 420 x 420 mm

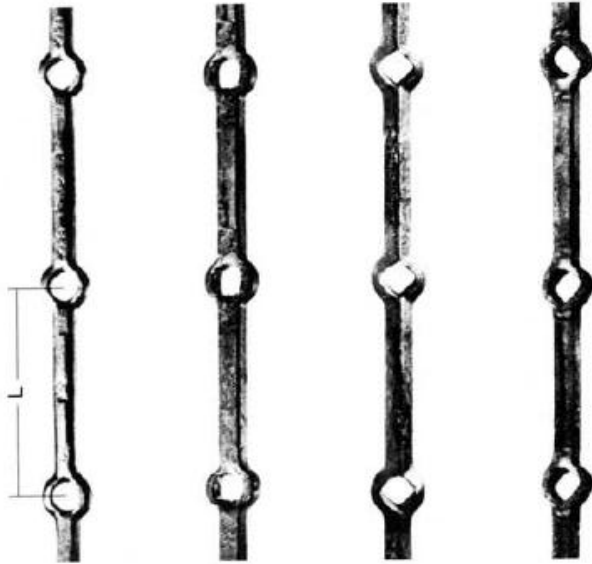


**Art. 680/2**  
 $\square$  16 x 8 mm  
 720 x 720 mm





# BARRA DE PROTECÇÃO



- Art.42/1 Art. 42/8 Art.42/15 Art. 42/22  
sect. 14 mm - L=140 mm - furos por barra n. 14
- Art.42/2 Art. 42/9 Art.42/16 Art. 42/23  
sect. 16 mm - L=150 mm - furos por barra n. 13
- Art.42/3 Art. 42/10 Art.42/17 Art. 42/24  
sect. 18 mm - L=160 mm - furos por barra n. 12
- Art.42/4 Art. 42/11 Art.42/18 Art. 42/25  
sect. 20 mm - L=170 mm - furos por barra n. 11
- Art.42/5 Art. 42/12 Art.42/19 Art. 42/26  
sect. 22 mm - L=170 mm - furos por barra n. 11
- Art.42/6 Art. 42/13 Art.42/20 Art. 42/27  
sect. 25 mm - L=180 mm - furos por barra n. 10
- Art.42/7 Art. 42/14 Art.42/21 Art. 42/28  
sect. 30 mm - L=200 mm - furos por barra n. 9



Art. 39/1  
8x8 mm  
Quadrado interior 120 mm  
H 1600 mm



Art. 39/2  
8x8 mm  
Quadrado interior 160 mm  
H 1600 mm



Art. 41/11  
Cabeça Ø 17 mm  
8x25 mm

Art. 41/12

Cabeça Ø 17 mm  
8x30 mm



Art. 41/9  
Cabeça Ø 16 mm  
8x40 mm

Art. 41/10

Cabeça Ø 12 mm  
6x40 mm



- Art. 41/1 Ø 8x25 mm  
Art. 41/4 Ø 8x30 mm  
Art. 41/5 Ø 8x35 mm  
Art. 41/6 Ø 8x40 mm  
Art. 41/7 Ø 8x50 mm  
Art. 41/8 Ø 8x60 mm  
Art. 41/13 Ø 7x25 mm  
Art. 41/14 Ø 8x8 mm  
Art. 41/15 Ø 8x20 mm  
Art. 41/16 Ø 8x45 mm  
Art. 41/17 Ø 6x20 mm  
Art. 41/18 Ø 6x25 mm  
Art. 41/19 Ø 6x30 mm  
Art. 41/20 Ø 6x35 mm  
Art. 41/21 Ø 6x40 mm  
Art. 41/22 Ø 6x45 mm  
Art. 41/23 Ø 6x50 mm  
Art. 41/24 Ø 6x60 mm



Art. 38/1  
8x8 mm  
A 84 x B 240 mm  
H 1600 mm

Art. 38/2  
12x6 mm  
A 80 x B 240 mm  
H 1600 mm

Art. 38/3  
10x10 mm  
A 95 x B 250 mm  
H 1600 mm

Art. 38/4  
12x12 mm  
A 100 x B 260 mm  
H 1600 mm



Art. 40/B/11  
0,5 mm  
Ø 35 mm



Art. 40/B/12  
2 mm  
Ø 48 mm



Art. 39/3  
União para 4 Barras  
de 8 mm



Art. 697/5  
diâmetro 16 mm  
Furo 8 mm

Mais segurança com beleza. Estilo secular no presente.

# BARRIGAS PARA VARANDAS SACADAS JANELAS SEVILHANAS



**Art. 98/B/1**  
 $\Phi$  14x14 mm  
 H 1300 mm



**Art. 587/10**  
 $\Phi$  14x14 mm  
 H 1800 mm



**Art. 587/30**  
 $\Phi$  14x14 mm  
 H 1800 mm



**Art. 586/8**  
 $\Phi$  12x12 mm  
 H 1000 mm

**Art. 586/9**  
 $\Phi$  14x14 mm  
 H 1000 mm



**Art. 586/6**  
 $\Phi$  12x12 mm  
 H 1000 mm

**Art. 586/7**  
 $\Phi$  14x14 mm  
 H 1000 mm



**Art. 64/H/12**  
 $\Phi$  14x14 mm  
 H 1200 mm



**Art. 572/1**  
 $\Phi$  12 mm  
 220x900 mm

**Art. 572/3**  
 $\Phi$  14 mm  
 220x900 mm

**Art. 64/H/9**  
 $\Phi$  12x12 30x900 mm  
**Art. 64/H/10**  
 $\Phi$  14x14 30x900 mm



**Art. 64/H/5**  
 $\Phi$  12x12 mm  
 140x900 mm

**Art. 64/H/6**  
 $\Phi$  14x14 mm  
 140x900 mm



**Art. 64/H/3**  
 $\Phi$  12x12 mm  
 30x900 mm

**Art. 64/H/4**  
 $\Phi$  14x14 mm  
 30x900 mm



**Art. 572/5**  
 $\Phi$  12x12 mm  
 H 900 mm

**Art. 572/7**  
 $\Phi$  14x14 mm  
 H 900 mm



**Art. 71/1**  
 $\Phi$  12x12 mm  
 250x720 mm

**Art. 71/2**  
 $\Phi$  12x12 mm  
 250x820 mm

**Art. 71/3**  
 $\Phi$  12x12 mm  
 250x900 mm

**Art. 71/4**  
 $\Phi$  12x12 mm  
 250x1200 mm

**Art. 71/5**  
 $\Phi$  12x12 mm  
 250x1500 mm

**Art. 71/6**  
 $\Phi$  12x12 mm  
 250x1800 mm




**Art. 44/11**  
 $\Phi$  30x8 mm  
 H 1000 mm  
 martelado

**Art. 44/14**  
 $\Phi$  40x8 mm  
 H 1000 mm  
 liso


Elegância - Beleza - Segurança - Pronto a construir




**Art. 45/11**  
 40x4 mm  
 250x950 mm  
 liso


**Art. 45/12**  
 40x4 mm  
 250x950 mm  
 martelado



**Art. 45/19**  
 40x4 mm  
 210x950 mm  
 liso


**Art. 45/20**  
 40x4 mm  
 210x950 mm  
 martelado



**Art. 45/5**  
 40x4 mm  
 210x950 mm  
 liso


**Art. 45/6**  
 40x4 mm  
 210x950 mm  
 martelado



**Art. 46/5**  
 40x4 mm  
 H 800 mm  
 liso


**Art. 46/6**  
 40x4 mm  
 H 800 mm  
 martelado




**Art. 75/17**  
 40x4 mm  
 270x720 mm  
 liso

**Art. 75/18**  
 40x4 mm  
 270x720 mm  
 martelado




**Art. 75/7**  
 40x4 mm  
 270x720 mm  
 liso

**Art. 75/8**  
 40x4 mm  
 270x720 mm  
 martelado




**Art. 70/D/5**  
 14 mm  
 H 900 mm




**Art. 47/1**  
 12x12 mm  
 160x900 mm



**Art. 47/2**  
 12x12 mm  
 160x900 mm



**Art. 47/3**  
 12x12 mm  
 H 900 mm





**Art. 65/8**  
☐ 12x12 mm  
H 900 mm  
liso



**Art. 49/8**  
☐ 12x12 mm  
H 1300 mm  
liso



**Art. 53/3**  
☐ 12x12 mm  
H 900 mm  
liso



**Art. 119/18**  
☐ 16x4 mm  
H 900 mm  
liso



**Art. 118/B/2**  
☐ 12x12 mm  
H 900 mm  
martelado



**Art. 118/B/3**  
☐ 12x12 mm  
H 900 mm  
martelado



**Art. 119/21**  
☐ 8x8 mm  
H 900 mm

**Art. 119/22**  
☐ 10x10 mm  
H 900 mm

**Art. 119/23**  
☐ 12x12 mm  
H 900 mm

**Art. 119/24**  
☐ 14x14 mm  
H 900 mm

**Art. 119/25**  
☐ 20x20 mm  
H 1000 mm

**Art. 119/26**  
☐ 25x25 mm  
H 1000 mm



**Art. 118/B/1**  
☐ 12x12 mm  
H 900 mm  
martelado



**Art. 47/4**  
☐ 12x12 mm  
H 900 mm



**Art. 47/5**  
☐ 12x12 mm  
55x900 mm



**Art. 47/6**  
☐ 12x12 mm  
H 900 mm



**Art. 64/D/3**  
☐ 12x12 mm  
H 900 mm



**Art. 64/D/4**  
☐ 12x12 mm  
H 900 mm



**Art. 48/A/1**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/A/2**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/1**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/2**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/5**  
 □ 12x12 mm  
 130x900 mm

**Art. 48/3**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/4**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/A/9**  
 □ 16x16 mm  
 65x900 mm

**Art. 48/A/10**  
 □ 16x16 mm  
 65x900 mm

**Art. 48/11**  
 □ 16x16 mm  
 65x900 mm

**Art. 48/12**  
 □ 16x16 mm  
 65x900 mm

**Art. 48/15**  
 □ 16x16 mm  
 130x900 mm

**Art. 48/13**  
 □ 16x16 mm  
 65x900 mm

**Art. 48/14**  
 □ 16x16 mm  
 65x900 mm



**Art. 48/B/1**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/B/2**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/B/3**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/B/4**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/B/5**  
 □ 12x12 mm  
 55x900 mm

**Art. 48/B/6**  
 □ 12x12 mm  
 55x900 mm

**Art. 102/1**  
 H 900 mm



**Art. 48/B/7**  
 12x12 mm  
 55x900 mm



**Art. 48/B/8**  
 12x12 mm  
 55x900 mm



**Art. 462/1**  
 16 mm  
 55x900 mm



**Art. 562/1**  
 12x12 mm  
 H 900 mm



**Art. 52/E/3**  
 12x12 mm  
 235x900 mm



**Art. 64/B/1**  
 12x12 mm  
 220x900 mm



**Art. 64/B/2**  
 12x12 mm  
 220x900 mm



**Art. 463/1**  
 12x6 mm  
 210x790 mm



**Art. 464/2 \***  
 12x12 mm  
 230x900 mm



**Art. 464/1 \***  
 12x12 mm  
 230x900 mm



\* TAMBÉM COM FLOR (116/A/4) EM VEZ DE PINHA



# MÓDULOS DECORATIVOS



**Art. 49/1**  
 12x12 mm  
 250x900 mm



**Art. 49/2**  
 12x12 mm  
 165x900 mm

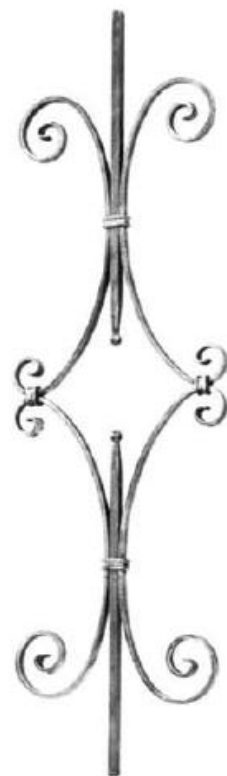


**Art. 49/3**  
 12x12 mm  
 180x900 mm

**Art. 49/6**  
 12x12 mm  
 180x1300 mm



**Art. 56/4**  
 8x8 mm  
 200x900 mm



**Art. 50/1**  
 12x12 mm  
 285x900 mm



**Art. 50/2**  
 12x12 mm  
 260x900 mm



**Art. 50/3**  
 12x12 mm  
 165x900 mm



**Art. 50/4**  
 12x12 mm  
 135x900 mm



**Art. 134/C/2**  
 12x12 mm  
 H 900 mm



**Art. 50/5**  
 12x12 mm  
 30x900 mm



**Art. 50/6**  
 12x12 mm  
 30x900 mm



**Art. 50/7**  
 12x12 mm  
 140x900 mm



**Art. 50/8**  
 12x12 mm  
 140x900 mm



**Art. 59/8**

▧ 20x4 mm  
175x820 mm



**Art. 56/2**

⊕ 8x8 mm  
140x900 mm



**Art. 56/6**

⊕ 8x8 mm  
130x900 mm



**Art. 57/2**

⊕ 8x8 mm  
200x900 mm



**Art. 59/1**

▧ 20x4 mm  
170x850 mm



**Art. 59/4**

▧ 20x4 mm  
175x820 mm



**Art. 57/3**

⊕ 8x8 mm  
100x800 mm



**Art. 60/3**

⊕ 12x12 mm  
120x900 mm



**Art. 58/3**

⊕ 8x8 mm  
160x900 mm



**Art. 49/4**

⊕ 12x12 mm  
125x900 mm



**Art. 134/G/1**

⊕ 12x12 mm  
140x900 mm



**Art. 134/G/2**

⊕ 12x12 mm  
140x900 mm



**Art. 60/1**

▧ 20x4 mm  
110x720 mm



**Art. 65/6**

⊕ 12x12 mm  
242x900 mm



**Art. 65/5**

⊕ 12x12 mm  
242x820 mm



**Art. 58/1**

⊕ 8x8 mm  
270x800 mm



**Art. 63/4**

⊕ 20x6 mm  
235x820 mm



**Art. 62/1**

⊕ 20x6 mm  
235x720 mm



**Art. 72/2**

⊕ 12x12 mm  
170x820 mm



**Art. 72/1**

⊕ 12x12 mm  
170x720 mm




Art. 52/B/2  
 12x12 mm  
 310x900 mm




Art. 51/3  
 12x12 mm  
 300x900 mm  
 Art. 51/6  
 14x14 mm  
 300x900 mm




Art. 52/A/2  
 12x12 mm  
 230x900 mm




Art. 52/A/3  
 12x12 mm  
 170x900 mm




Art. 52/A/5  
 12x12 mm  
 170x900 mm




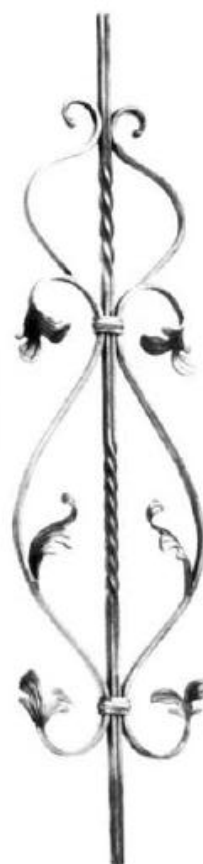
Art. 69/4  
 16x4 mm  
 250x540 mm




Art. 70/1  
 16x4 mm  
 333x720 mm




Art. 52/1  
 12x6 mm  
 350x870 mm



Art. 52/2  
 12x12 mm  
 235x900 mm



Art. 52/E/1  
 12x12 mm  
 180x900 mm





**Art. 469/1**  
 □ 8x8 mm  
 145x900 mm



**Art. 584/1**  
 □ 12x12 mm  
 210x900 mm



**Art. 584/2**  
 □ 12x12 mm  
 210x900 mm



**Art. 584/4**  
 □ 12x12 mm  
 165x900 mm



**Art. 584/5**  
 □ 12x12 mm  
 165x900 mm



**Art. 55/1**  
 □ 8x8 mm  
 205x820 mm



**Art. 55/5**  
 □ 8x8 mm  
 220x720 mm

**Art. 55/2**  
 □ 8x8 mm  
 205x900 mm

**Art. 55/6**  
 □ 8x8 mm  
 220x820 mm



**Art. 541/1**  
 □ 12x12 mm  
 370x900 mm  
 martelado



**Art. 541/2**  
 Ø 14 mm  
 370x900 mm  
 liso

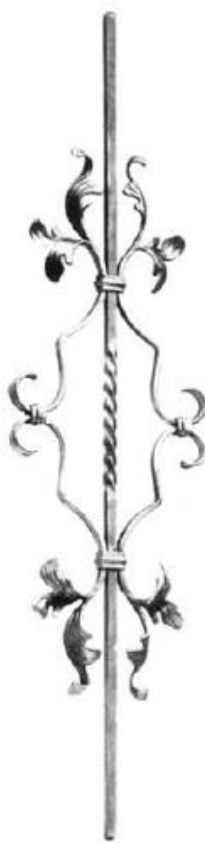




**Art. 103/2**  
 □ 12x12 mm  
 160x850 mm



**Art. 52/F/1**  
 □ 12x12 mm  
 260x900 mm



**Art. 53/1**  
 □ 12x12 mm  
 235x900 mm



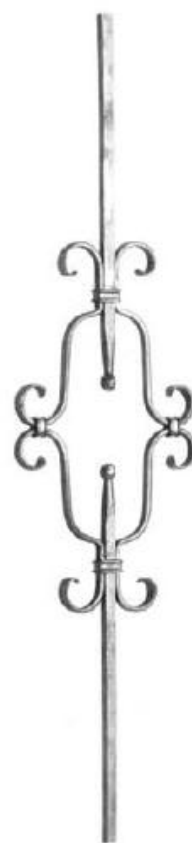
**Art. 53/2**  
 □ 12x12 mm  
 230x900 mm



**Art. 64/A/2**  
 □ 12x12 mm  
 260x900 mm



**Art. 64/A/3**  
 □ 12x12 mm  
 220x900 mm



**Art. 64/A/4**  
 □ 12x12 mm  
 220x900 mm



**Art. 134/D/9**  
 □ 12x12 mm  
 220x900 mm



**Art. 64/E/2**  
 □ 12x12 mm  
 105x900 mm



**Art. 64/E/3**  
 □ 12x12 mm  
 192x900 mm



**Art. 05-2-02**  
 □ 12x12 mm  
 140x900 mm



**Art. 05-2-03**  
 □ 12x12 mm  
 140x900 mm



**Art. 8028/3**  
 □ 12x12 mm  
 H 1000 mm



**Art. 8028/1**  
 □ 12x12 mm  
 H 1000 mm



**Art. 8027/12**  
 □ 12x12 mm  
 H 1000 mm



**Art. 8027/10**  
☐ 12x12 mm  
H 1000 mm



**Art. 8027/3**  
☐ 12x12 mm  
H 1000 mm



**Art. 8027/1**  
☐ 12x12 mm  
H 1000 mm



**Art. 1167/4**  
⌀ 12 mm  
H 1000 mm



**Art. 1167/3**  
⌀ 12 mm  
H 1000 mm



**Art. 1167/1**  
⌀ 12 mm  
H 1000 mm



**Art. 1167/2**  
⌀ 12 mm  
H 1000 mm



**Art. 105/1**  
☐ 14 mm  
H 900 mm



**Art. 105/2**  
☐ 14 mm  
H 900 mm



**Art. 99/2**  
☐ 12 mm  
H 900 mm



**Art. 99/1**  
☐ 12 mm  
H 900 mm

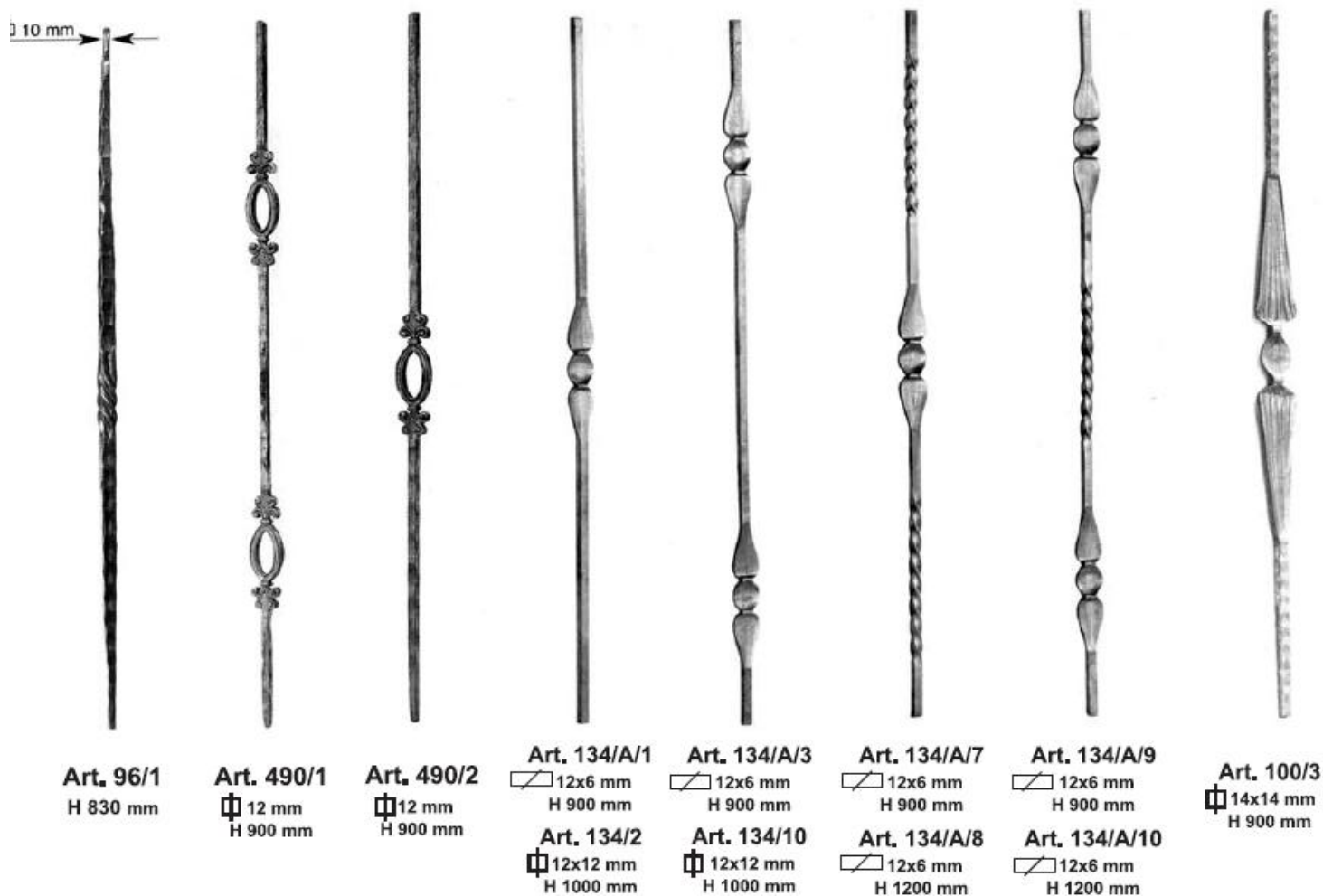
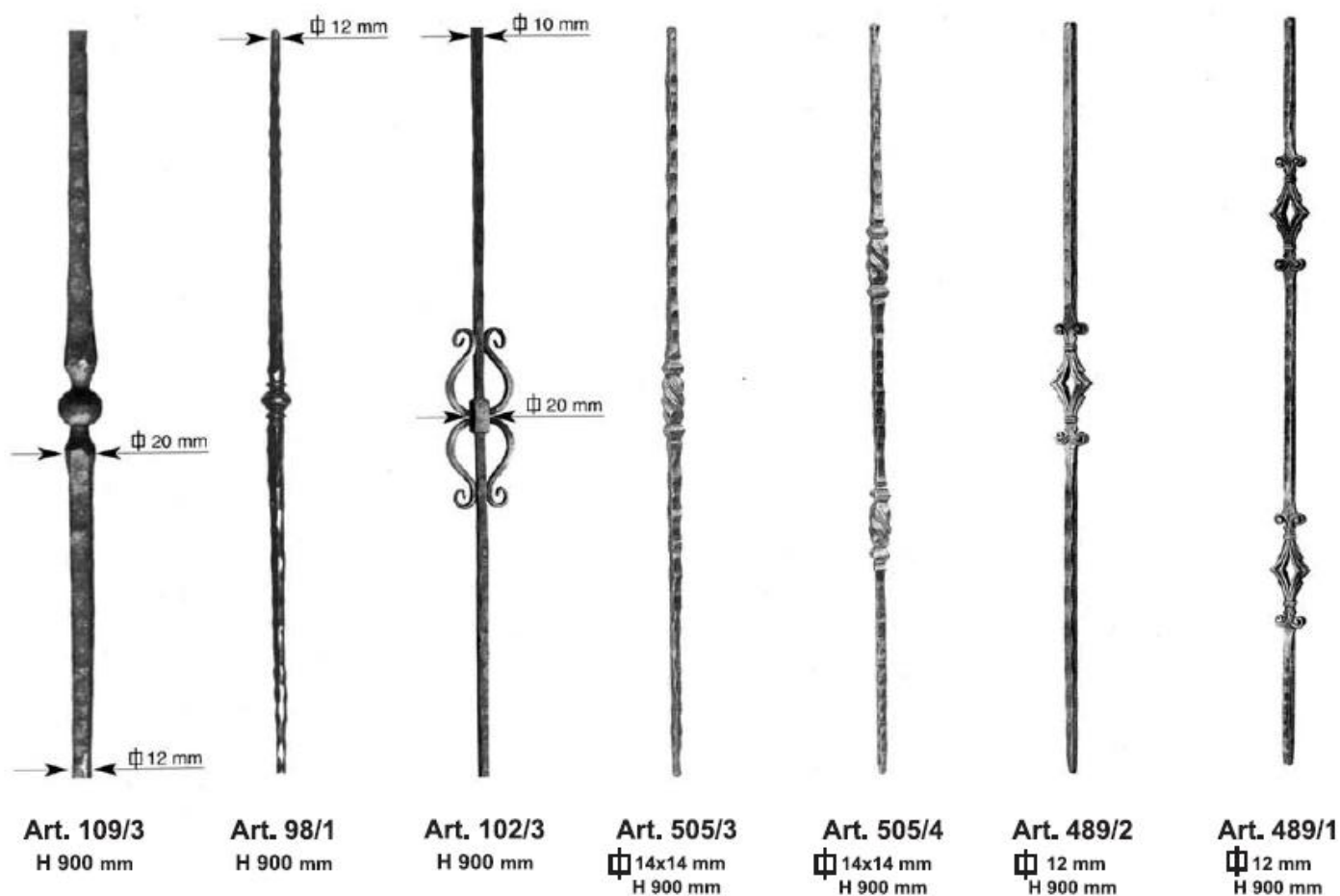


**Art. 496/C/2**  
⌀ 12 mm  
H 900 mm



**Art. 496/C/1**  
⌀ 12 mm  
H 900 mm







**Art. 1136/1**  
 $\varnothing$  14 mm  
 190x1000 mm



**Art. 1136/2**  
 $\varnothing$  14 mm  
 200x1000 mm



**Art. 1136/3**  
 $\square$  12x12 mm  
 155x1000 mm



**Art. 1136/4**  
 $\square$  12x12 mm  
 200x1000 mm



**Art. 1136/5**  
 $\square$  12x12 mm  
 H 1000 mm



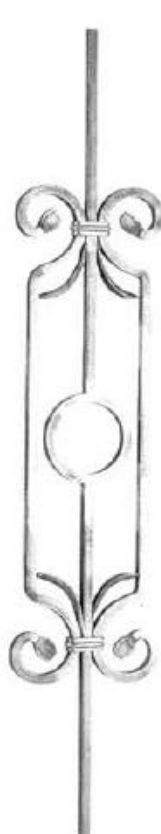
**Art. 1136/6**  
 $\square$  12x12 mm  
 H 1000 mm



**Art. 1045/1**  
 $\square$  12x12 mm  
 265x1060 mm



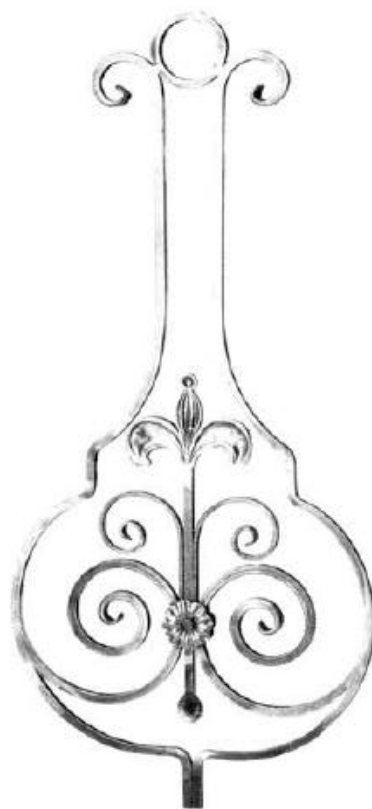
**Art. 1045/2**  
 $\square$  12x12 mm  
 265x1060 mm



**Art. 1032/1**  
 $\square$  12x12 mm  
 190x1000 mm



**Art. 1043/1**  
 $\square$  12x12 mm  
 210x1030 mm



**Art. 1043/2**  
 $\square$  12x12 mm  
 490x1030 mm



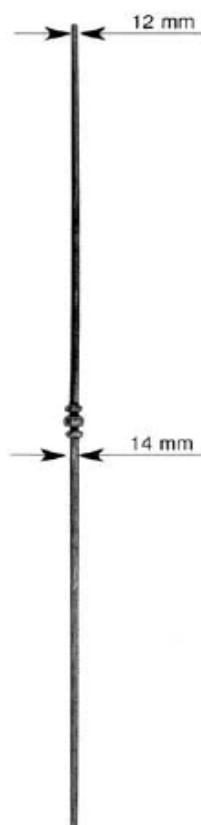
**Art. 1235/1**  
113 x H 1030 mm



**Art. 1091/1**  
12x12 mm  
135x1000 mm



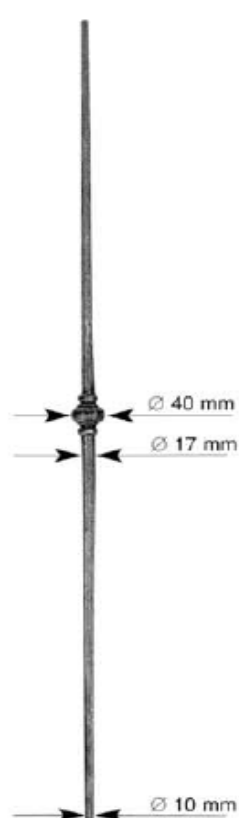
**Art. 1091/2**  
12x12 mm  
135x1000 mm



**Art. 1187/3**  
H 1000 mm



**Art. 1187/4**  
14 mm  
H 1000 mm



**Art. 1184/5**  
H 1000 mm



**Art. 1184/5**  
12 mm  
H 1000 mm



**Art. 64/G/3**  
12x6 mm  
105x150 mm



**Art. 64/G/6**  
12x6 mm  
50x230 mm



**Art. 64/G/4**  
12x6 mm  
60x105 mm



**Art. 64/G/5**  
12x6 mm  
60x105 mm





**Art. 573/3**  
 Ø 12x12 mm  
 H 900 mm

**Art. 573/4**  
 Ø 14x14 mm  
 H 900 mm



**Art. 64/F/2**  
 □ 12x12 mm  
 H 900 mm

**Art. 64/F/3**  
 □ 14x14 mm  
 H 900 mm



**Art. 64/F/4**  
 □ 12x12 mm  
 H 900 mm

**Art. 64/F/5**  
 □ 14x14 mm  
 H 900 mm



**Art. 64/F/1**  
 □ 25x25 mm  
 H 1200 mm



**Art. 801/1**  
 Ø 25 mm  
 H 1200 mm



**Art. 573/1**  
 Ø 12 mm  
 H 900 mm

**Art. 573/2**  
 Ø 14 mm  
 H 900 mm



**Art. 64/F/6**  
 □ 12x12 mm  
 140x900 mm

**Art. 64/F/7**  
 □ 14x14 mm  
 140x900 mm



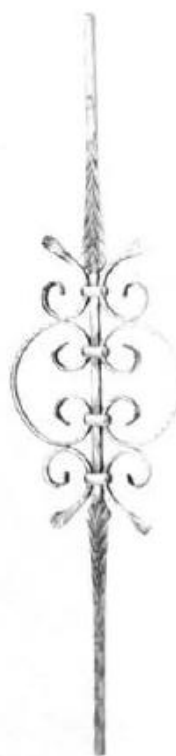
**Art. 561/3**  
 □ 12x12 mm  
 215x900 mm

**Art. 561/4**  
 □ 14x14 mm  
 215x900 mm



**Art. 64/F/8**  
 □ 12x12 mm  
 110x900 mm

**Art. 64/F/9**  
 □ 14x14 mm  
 110x900 mm



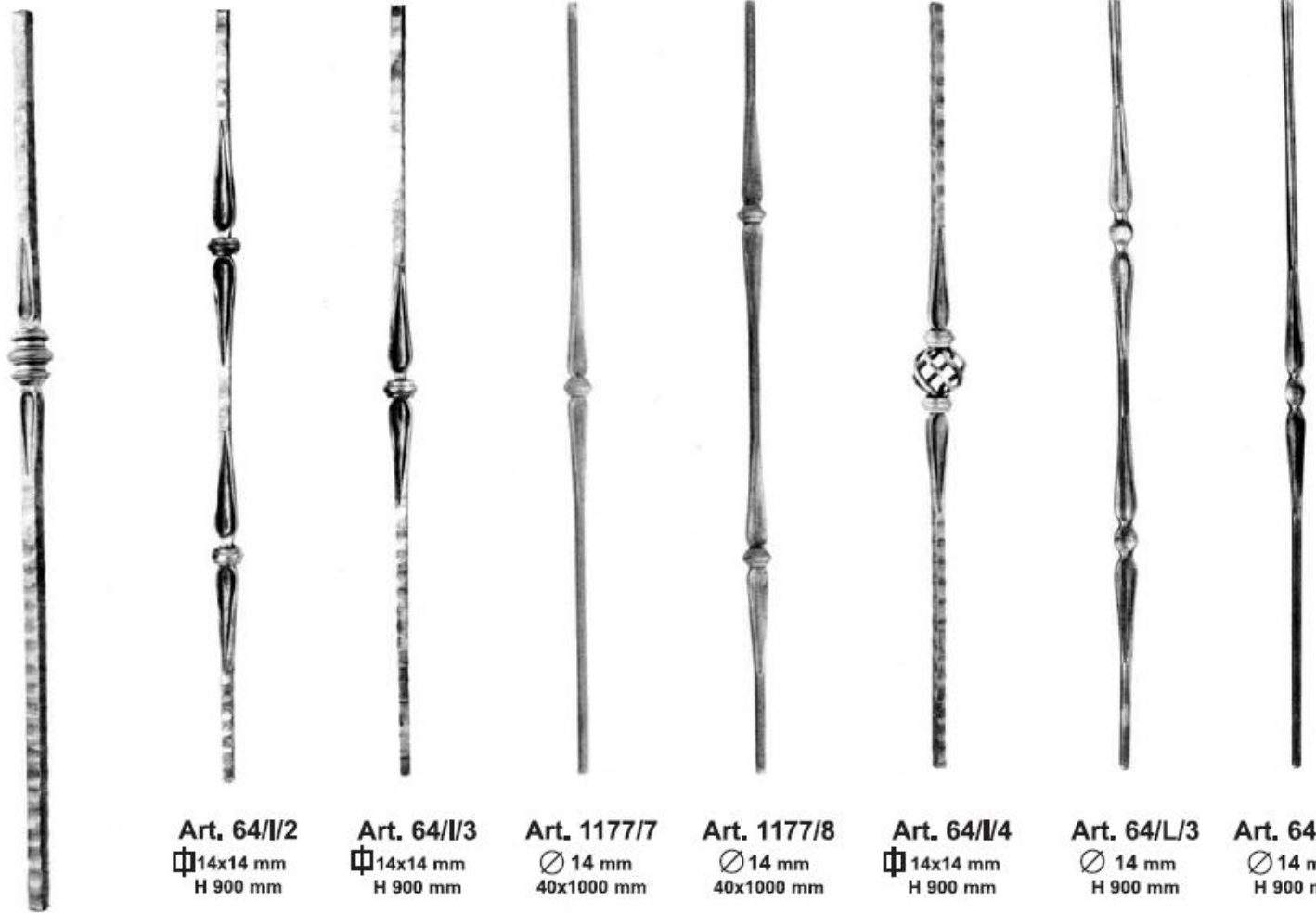
**Art. 64/G/1**  
 □ 12x12 mm  
 225x900 mm

**Art. 64/G/2**  
 □ 14x14 mm  
 225x900 mm



**Art. 561/5**  
 □ 12x12 mm  
 210x900 mm

**Art. 561/6**  
 □ 14x14 mm  
 210x900 mm



**Art. 64/I/2**  
 □ 14x14 mm  
 H 900 mm

**Art. 64/I/3**  
 □ 14x14 mm  
 H 900 mm

**Art. 1177/7**  
 ∅ 14 mm  
 40x1000 mm

**Art. 1177/8**  
 ∅ 14 mm  
 40x1000 mm

**Art. 64/I/4**  
 □ 14x14 mm  
 H 900 mm

**Art. 64/L/3**  
 ∅ 14 mm  
 H 900 mm

**Art. 64/L/4**  
 ∅ 14 mm  
 H 900 mm

**Art. 64/I/1**  
 □ 25x25 mm  
 H 1200 mm



**Art. 67/1**  
 ▧ 16x12 mm  
 225x720 mm

**Art. 67/2**  
 ▧ 16x12 mm  
 225x820 mm

**Art. 67/3**  
 ▧ 16x12 mm  
 225x720 mm

**Art. 67/4**  
 ▧ 16x12 mm  
 225x820 mm

**Art. 67/5**  
 ▧ 16x12 mm  
 205x720 mm

**Art. 67/6**  
 ▧ 16x12 mm  
 205x820 mm

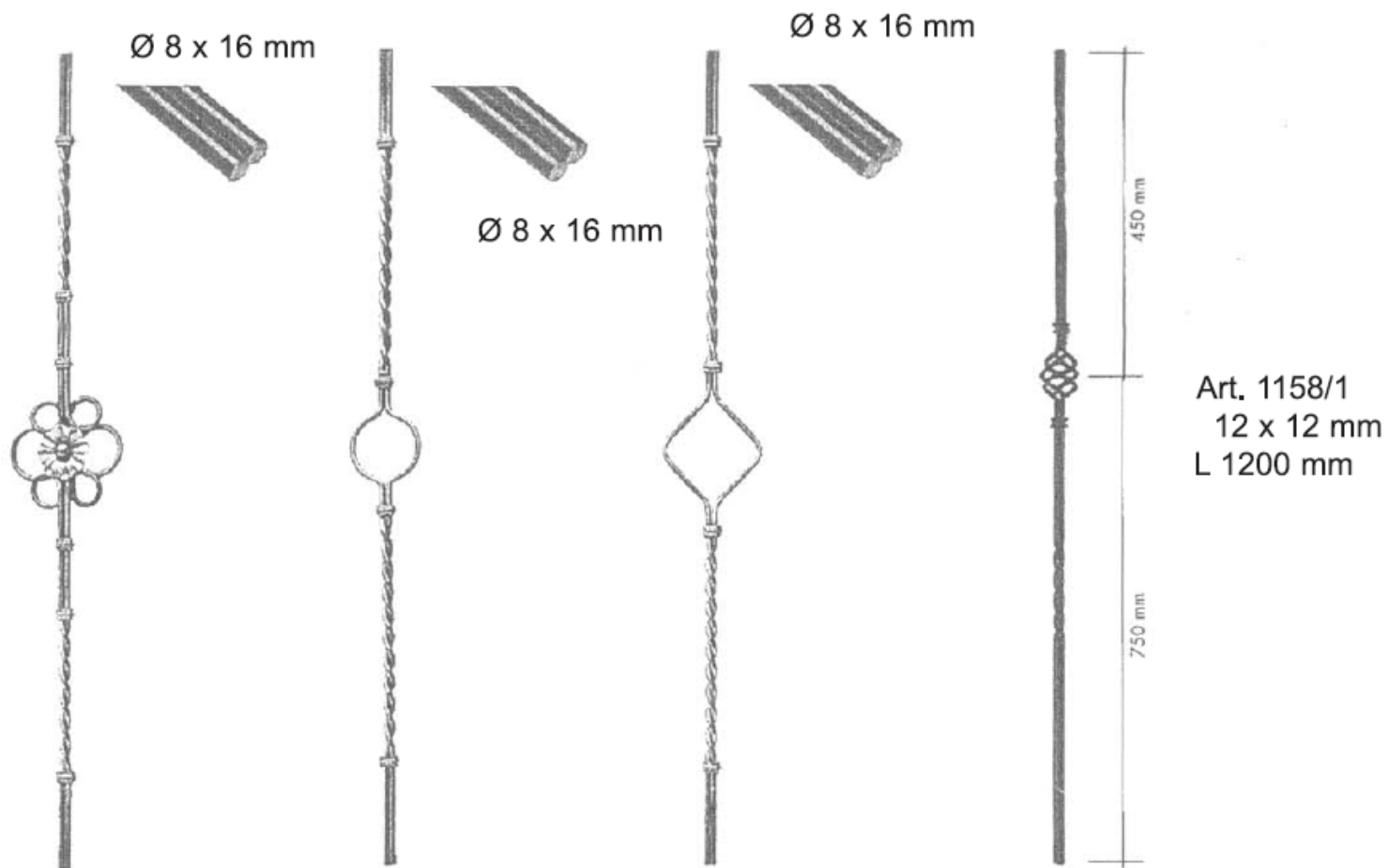
**Art. 67/7**  
 ▧ 16x12 mm  
 205x720 mm

**Art. 67/8**  
 ▧ 16x12 mm  
 205x820 mm

**Art. 70/A/1**  
 □ 12x12 mm  
 130x900 mm

**Art. 79/1**  
 □ 16x4 mm  
 75x720 mm

**Art. 79/2**  
 □ 20x6 mm  
 75x720 mm



Art. 615/1  
150 x 900 mm



Art. 617/1  
90 x 900 mm



Art. 617/3  
120 x 900 mm



Art. 615/2  
120 x 900 mm

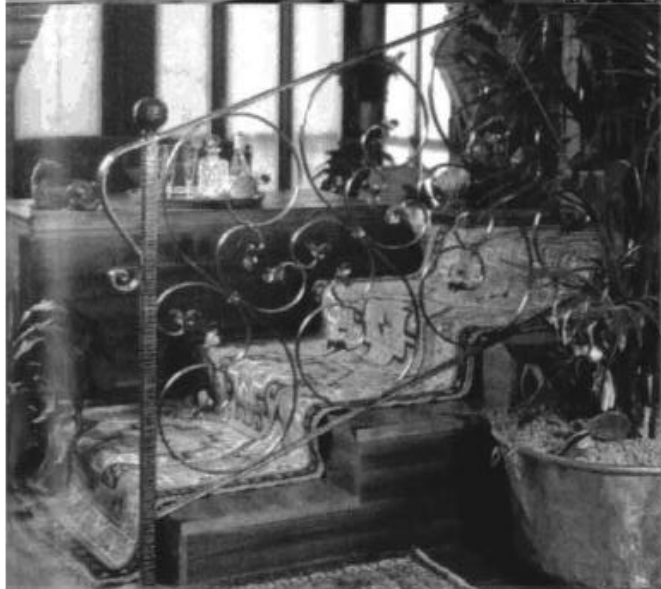
Art. 617/2  
90 x 900 mm

Art. 617/4  
120 x 900 mm




Art. 510/1  
12 x 12 mm  
250 x 900 mm






# CARACÓIS 'S' e 'C' VOLUTAS




**Art. 72/4**  
 12x12 mm  
 280x600 mm




**Art. 75/34**  
 10x10 mm  
 130x330 mm




**Art. 77/1**  
 16x4 mm  
 100x450 mm




**Art. 80/A/1**  
 12x6 mm  
 110x270 mm




**Art. 88/H/5**  
 20x4 mm  
 125x360 mm




**Art. 88/H/4**  
 12x6 mm  
 75x160 mm



**Art. 78/2**  
 12x6 mm  
 60x115 mm




**Art. 80/A/11**  
 12x6 mm  
 65x150 mm




**Art. 81/7**  
 8x8 mm  
 73x122 mm




**Art. 82/1**  
 10x5 mm  
 75x125 mm




**Art. 84/6**  
 16x4 mm  
 70x140 mm




**Art. 84/2**  
 16x4 mm  
 90x240 mm




**Art. 87/6**  
 12x6 mm  
 80x150 mm



**Art. 88/9**  
 12x6 mm  
 125x250 mm




**Art. 88/A/2**  
 12x6 mm  
 80x145 mm




**Art. 84/3**  
 8x8 mm  
 90x225 mm




**Art. 88/4**  
 12x6 mm  
 90x130 mm



**Art. 85/7**  
 12x12 mm  
 200x290 mm



**Art. 655/1**  
 16x8 mm  
 70x120 mm



**Art. 86/3**

12x6 mm  
60x120 mm



**Art. 684/5**

16x8 mm  
110x140 mm



**Art. 88/D/2**

20x4 mm  
150x190 mm



**Art. 659/10**

12 mm  
80x130 mm



**Art. 634/8**

14 mm  
160x225 mm



**Art. 74/1**

10x5 mm  
120x360 mm

**Art. 74/2**

12x6 mm  
120x360 mm

**Art. 74/3**

16x4 mm  
120x360 mm

**Art. 74/5**

20x6 mm  
120x360 mm

**Art. 1297/1**

10 mm  
120x360 mm



**Art. 74/7**

10x5 mm  
120x360 mm

**Art. 74/8**

12x6 mm  
120x360 mm

**Art. 74/9**

16x4 mm  
120x360 mm

**Art. 74/11**

20x6 mm  
120x360 mm

**Art. 1297/2**

10 mm  
120x360 mm



**Art. 74/13**

10x5 mm  
120x290 mm

**Art. 74/14**

12x6 mm  
120x290 mm

**Art. 74/15**

16x4 mm  
120x290 mm

**Art. 74/17**

20x6 mm  
120x290 mm

**Art. 1297/3**

10 mm  
120x290 mm



**Art. 74/19**

10x5 mm  
108x220 mm

**Art. 74/20**

12x6 mm  
108x220 mm

**Art. 74/21**

16x4 mm  
108x220 mm

**Art. 74/23**

20x6 mm  
108x220 mm

**Art. 1297/4**

10 mm  
120x220 mm



**Art. 76/1**

12x6 mm  
100x320 mm

**Art. 76/2**

16x4 mm  
100x320 mm



**Art. 75/27**

40x4 mm  
170x370 mm  
liso

**Art. 75/28**

40x4 mm  
170x370 mm  
martelado



**Art. 76/4**

16x4 mm  
120x290 mm



**Art. 73/2**

8x8 mm  
110x230 mm



**Art. 73/1**

8x8 mm  
110x300 mm



**Art. 93/3**

12x6 mm  
200x450 mm



**Art. 94/1**

12x6 mm  
200x300 mm



**Art. 73/3**

8x8 mm  
90x180 mm



**Art. 94/2**

12x6 mm  
150x200 mm



**Art. 92/B/4**

12x6 mm  
160x250 mm



## Caracóis para Cabeções



**Art. 89/2**  
 8x8 mm  
 115x125 mm



**Art. 92/1**  
 12x6 mm  
 160x220 mm



**Art. 1312/1**  
 30x30 mm  
 380x1500 mm



**Art. 6048/3**  
 30x20 mm  
 150x800 mm



**Art. 656/3**  
 16x8 mm  
 70x270 mm

**Art. 656/4**  
 16x8 mm  
 70x270 mm



**Art. 91/6**  
 12x6 mm  
 160x220 mm



**Art. 6048/1**  
 30x20 mm  
 200x800 mm



**Art. 6048/2**  
 30x20 mm  
 300x800 mm



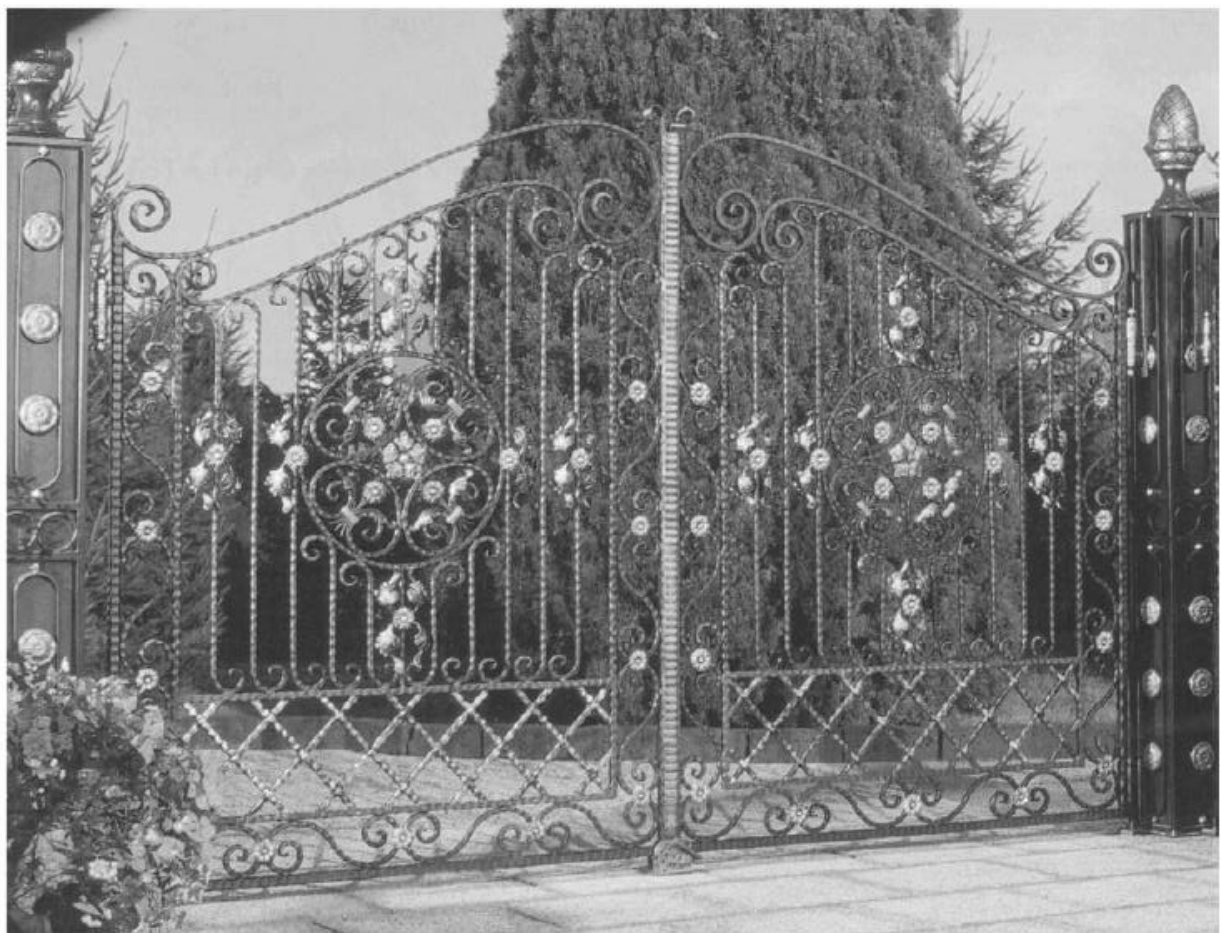
**Art. 6016/1**  
 30x30 mm  
 230x700 mm



**Art. 92/B/3**  
 12x6 mm  
 80x350 mm



**Art. 88/E/5**  
 12x6 mm  
 75x250 mm





**Art. 94/C/1**  
130 x 100 x 4 mm



**Art. 94/C/2**  
170 x 140 x 4 mm



**Art. 94/C/3**  
170 x 110 x 10 mm



**Art. 94/C/4**  
170 x 110 x 10 mm



**Art. 94/C/5**  
270 x 190 x 10 mm



**Art. 94/C/6**  
270 x 170 x 10mm



**Art. 94/C/7**  
300 x 210 x 10 mm



**Art. 94/C/8**  
300 x 210 x 10 mm



**Art. 94/C/9**  
360 x 280 x 12 mm



**Art. 94/C/10**  
360 x 280 x 12 mm



**Art. 94/C/11**  
370 x 330 x 12 mm



**Art. 94/C/12**  
370 x 330 x 12 mm



**Art. 94/C/13**  
510 x 330 x 12 mm



**Art. 94/C/14**  
510 x 330 x 12 mm







**Art. 94/E/1**  
460 x 440 x 12 mm



**Art. 94/E/2**  
460 x 440 x 12 mm



**Art. 94/E/3**  
540 x 310 x 12 mm



**Art. 94/E/4**  
540 x 310 x 12 mm



**Art. 94/E/5**  
620 x 410 x 12 mm



**Art. 94/E/6**  
620 x 410 x 12 mm



**Art. 94/F/1**  
690 x 320 x 12 mm



**Art. 94/F/2**  
690 x 320 x 12 mm



**Art. 94/F/3**  
800 x 490 x 12 mm



**Art. 94/F/4**  
800 x 490 x 12 mm



**Art. 94/F/5**  
970 x 420 x 12 mm



**Art. 94/F/6**  
970 x 420 x 12 mm





# PRUMOS de ARRANQUE para ESCADAS



**Art. 113/7**

☐ 20x20 mm  
H 1100 mm

**Art. 113/8**

☐ 30x30 mm  
H 1100 mm



**Art. 112/3**

☐ 25x25 mm  
H 1200 mm



**Art. 112/7**

☐ 25x25 mm  
H 1200 mm

**Art. 112/8**

☐ 30x30 mm  
H 1200 mm



**Art. 112/9**

☐ 30x30 mm  
H 1200 mm



**Art. 112/10**

☐ 30x30 mm  
H 1200 mm



**Art. 112/11**

☐ 30x30 mm  
H 1200 mm



**Art. 797/1**

Ø 30 mm  
H 1200 mm



**Art. 112/5**

☐ 25x25 mm  
H 1200 mm

**Art. 112/6**

☐ 30x30 mm  
H 1200 mm



**Art. 797/2**

Ø 30 mm  
H 1200 mm



**Art. 112/1**

☐ 25x25 mm  
H 1200 mm

**Art. 112/2**

☐ 30x30 mm  
H 1200 mm



**Art. 113/1**  
 ☐ 20x20 mm  
 H 1100 mm



**Art. 113/3**  
 ☐ 20x20 mm  
 H 1100 mm



**Art. 1207/1**  
 Tubo ☐ 60x60 mm  
 85x1200 mm



**Art. 1207/2**  
 Tubo ☐ 80x80 mm  
 105x1200 mm



**Art. 1207/3**  
 Tubo Ø 75 mm  
 100x1200 mm

**Art. 113/2**  
 ☐ 30x30 mm  
 H 1100 mm

**Art. 113/4**  
 ☐ 30x30 mm  
 H 1100 mm



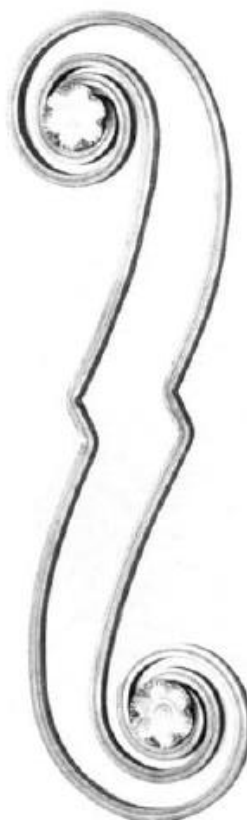
**Art. 1207/4**  
 Tubo Ø 100 mm  
 135x1200 mm



**Art. 17-05-02**  
 ☐ 30x30 mm  
 H 1200 mm  
 Kg. 8,700



**Art. 17-05-12**  
 ☐ 30x30 mm  
 H 1200 mm  
 Kg. 8,870



**Art. 116/E/5**  
 ☐ 12x12 mm  
 200x650 mm



**Art. 116/E/6**  
 ☐ 30x8 mm  
 280x810 mm

# BARRAS de CORRIMÃO e TERMINAIS de REMATE



**Art. 114/A/1**  
43x7 mm L 3750 mm



**Art. 114/2**  
58x14 mm L 2000 mm



**Art. 114/5**  
40x8 mm L 3000 mm



**Art. 114/10**  
40x8 mm L 3000 mm



**Art. 114/12**  
40x8 mm L 3000 mm



**Art. 114/8**  
40x8 mm L 3000 mm



**Art. 114/9**  
30x8 mm L 3000 mm



**Art. 114/A/3**  
47x16 mm L 3000 mm  
**Art. 23-1-10**  
60x16 mm L 3300 mm  
**Art. 1373/4**  
40x11 mm L 3300 mm



**Art. 811/1**  
56x17 mm L 2500 mm



**Art. 811/2**  
58x16 mm L 4000 mm



**Art. 811/3**  
58x21 mm L 3000 mm



**Art. 811/4**  
43x15 mm L 3000 mm



**Art. 810/3**  
30x15 mm L 3000 mm  
**Art. 810/5**  
40x20 mm L 3000 mm



**Art. 158/10**  
30x8 mm  
L 3000 mm

**Art. 158/11**  
35x10 mm  
L 3000 mm

**Art. 158/12**  
40x8 mm  
L 3000 mm

**Art. 158/46**  
40x10 mm  
L 3000 mm

**Art. 158/48**  
50x10 mm  
L 3000 mm





**Art. 115/2**  
para 114/2



**Art. 812/10**  
para 811/1



**Art. 114/B/14**  
para 114/A/3

**Art. 23-1-11**  
para 23-1-10

**Art. 1377/12**  
para 1373/4



**Art. 116/2**  
para 114/5

**Art. 116/5**  
para 114/8

**Art. 116/6**  
para 114/10

**Art. 116/8**  
para 114/12

**Art. 114/B/1**  
para 114/A/1



**Art. 812/1**  
para 158/11

**Art. 812/2**  
para 158/12

**Art. 812/3**  
para 158/46

**Art. 812/4**  
para 158/48



**Art. 812/11**  
para 811/1



**Art. 115/3**  
para 114/2



**Art. 114/B/13**  
para 114/A/3

**Art. 23-1-12**  
para 23-1-10

**Art. 1377/25**  
para 1373/4



**Art. 812/9**  
para 811/1

**Art. 812/12**  
para 811/3



**Art. 116/10**  
para 114/5



**Art. 116/13**  
para 114/8



**Art. 812/13**  
para 811/4



**Art. 812/14**  
para 811/2



**Art. 812/5**  
para 158/11



**Art. 812/6**  
para 158/12

**Art. 116/14**  
para 114/10

**Art. 116/16**  
para 114/12

**Art. 812/7**  
para 158/46

**Art. 812/8**  
para 158/48

# BARRAS - TUBOS - TORCIDOS

VERGALHÃO MARTELADO Comprimento 3 mts



- Art. 118/1  
12x12 mm
- Art. 118/2  
14x14 mm
- Art. 118/3  
16x16 mm
- Art. 118/4  
18x18 mm
- Art. 118/5  
20x20 mm
- Art. 118/6  
25x25 mm
- Art. 118/24  
30x30 mm

VERGALHÃO MARTELADO Comprimento 3 mts

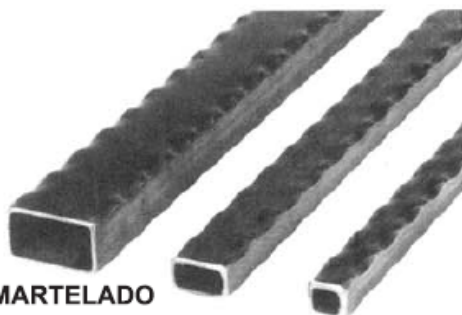


- Art. 622/1  
12x6 mm
- Art. 622/2  
8x8 mm
- Art. 622/3  
14x8 mm
- Art. 622/4  
16x6 mm

VERGALHÃO MARTELADO Comprimento 3 mts



- Art. 599/1  
8 mm
- Art. 599/2  
10 mm
- Art. 599/3  
12 mm
- Art. 599/4  
14 mm
- Art. 599/5  
16 mm
- Art. 599/6  
18 mm
- Art. 599/7  
20 mm
- Art. 599/8  
22 mm
- Art. 599/9  
24 mm



TUBO MARTELADO  
Comprimento 3 mts

- Art. 1374/1  
20x20 mm
- Art. 1374/9  
30x20 mm
- Art. 1374/3  
30x30 mm
- Art. 1374/10  
40x20 mm
- Art. 1374/4  
40x40 mm
- Art. 1374/11  
50x30 mm
- Art. 1374/12  
60x30 mm
- Art. 1374/13  
80x40 mm
- Art. 1374/2  
25x25 mm



CORDA  
Comprimento 3 mts  
antes de torcido  
(Conjunto 4 varões torcidos)

- Art. 119/1  
16 mm
- Art. 119/2  
20 mm
- Art. 119/3  
30 mm

BARRA MARTELADA Comprimento 3 mts



- Art. 118/13  
30x8 mm
- Art. 118/14  
40x8 mm
- Art. 118/30  
50x4 mm

CORDA COM ARESTAS Comprimento 2 mts



(Conjunto 4 vergalhões  
torcidos)

- Art. 118/F/1  
12x12 mm
- Art. 118/F/2  
16x16 mm

BARRAS TORCIDAS Comprimento 3 mts



- Art. 118/H/16  
20x6 mm
- Art. 118/H/17  
30x8 mm
- Art. 118/H/18  
8x8 mm
- Art. 118/H/19  
10x10 mm
- Art. 118/H/20  
12x12 mm
- Art. 118/H/21  
14x14 mm
- Art. 118/H/22  
16x16 mm
- Art. 118/H/23  
18x18 mm
- Art. 118/H/24  
20x20 mm
- Art. 118/H/25  
25x25 mm
- Art. 118/H/26  
30x30 mm





# REMATES e TERMINAIS



**Art. 113/9**  
Ø 75 mm



**Art. 113/10**  
Ø 70 mm



**Art. 128/31**  
base Ø 100 mm  
H 180 mm  
**Art. 128/35**  
base Ø 50 mm  
H 90 mm



**Art. 116/A/20**

Ø 55 mm

**Art. 116/A/21**

Ø 40 mm

**Art. 116/A/22**

Ø 30 mm

**Art. 749/22**

Ø 70 mm

H 100 mm



**Art. 128/30**  
base Ø 50 mm  
H 100 mm

**Art. 128/33**  
base Ø 28 mm  
H 80 mm

**Art. 128/34**  
base Ø 100 mm  
H 200 mm



**Art. 126/C/7**  
Ø 18 mm  
H 125 mm



**Art. 126/C/8**  
12x12 mm  
H 100 mm



**Art. 1394/1**  
Ø 20 mm Furo Ø 6 mm

**Art. 1394/2**  
Ø 22 mm Furo Ø 6 mm

**Art. 1394/3**  
Ø 25 mm Furo Ø 6 mm

**Art. 1394/4**  
Ø 30 mm Furo Ø 6 mm

**Art. 1394/5**  
Ø 35 mm Furo Ø 7 mm

**Art. 1394/6**  
Ø 40 mm Furo Ø 7 mm

**Art. 1394/7**  
Ø 45 mm Furo Ø 8 mm

**Art. 1394/8**  
Ø 50 mm Furo Ø 9 mm

**Art. 1394/9**  
Ø 55 mm Furo Ø 9 mm

**Art. 1394/10**  
Ø 60 mm Furo Ø 10 mm

**Art. 1394/11**  
Ø 70 mm Furo Ø 10 mm

**Art. 1394/12**  
Ø 80 mm Furo Ø 11 mm

**Art. 1394/13**  
Ø 90 mm Furo Ø 11 mm

**Art. 1394/14**  
Ø 100 mm

**Art. 1394/15**  
Ø 110 mm

**Art. 1394/16**  
Ø 120 mm

**Art. 1394/17**  
Ø 130 mm

**Art. 1394/18**  
Ø 140 mm

**Art. 1394/19**  
Ø 150 mm

**Art. 1394/20**  
Ø 200 mm



**Art. 749/7**

base Ø 28 mm  
H 55 mm

**Art. 749/8**

base Ø 43 mm  
H 85 mm

**Art. 749/9**

base Ø 55 mm  
H 120 mm

**Art. 749/10**

base Ø 70 mm  
H 150 mm

**Art. 749/11**

base Ø 90 mm  
H 190 mm



**Art. 749/17**

base 25 mm  
H 60 mm

**Art. 749/18**

base 40 mm  
H 85 mm

**Art. 749/19**

base 60 mm  
H 125 mm

**Art. 749/20**

base 80 mm  
H 150 mm

**Art. 749/21**

base 100 mm  
H 200 mm



**Art. 116/A/19**  
Ø 55 mm



**Art. 128/29**  
base Ø 50 mm  
H 105 mm

**Art. 128/32**

base Ø 100 mm  
H 200 mm



**Art. 749/6**  
base Ø 55 mm  
H 120 mm

**Art. 749/5**  
base Ø 40 mm  
H 85 mm



**Art. 38-1-02**

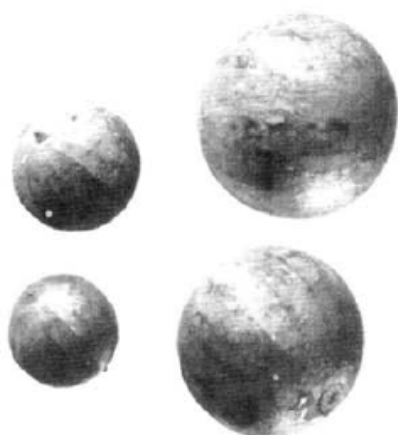
H 57 mm

38x38 mm

base 16x16 mm

Ø 105

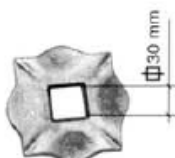
# ESFERAS FORJADAS



- Art. 117/1 Ø 16 mm  
Art. 117/2 Ø 20 mm  
Art. 117/3 Ø 25 mm  
Art. 117/4 Ø 30 mm  
Art. 117/5 Ø 35 mm  
Art. 117/6 Ø 40 mm  
Art. 117/7 Ø 50 mm  
Art. 117/8 Ø 60 mm  
Art. 117/9 Ø 70 mm  
Art. 117/15 Ø 120 mm  
Art. 117/16 Ø 150 mm



- Art. 819/1 Base □ 60x60 mm Furo □ 30x30 mm  
Art. 819/2 Base □ 60x60 mm Furo □ 25x25 mm  
Art. 819/3 Base □ 50x50 mm Furo □ 20x20 mm  
Art. 819/4 Base □ 50x50 mm Furo □ 18x18 mm  
Art. 819/5 Base □ 50x50 mm Furo □ 16x16 mm  
Art. 819/6 Base □ 40x40 mm Furo □ 16x16 mm  
Art. 819/7 Base □ 40x40 mm Furo □ 14x14 mm  
Art. 819/8 Base □ 40x40 mm Furo □ 12x12 mm  
Art. 819/9 Base □ 60x60 mm sem furo  
Art. 819/10 Base □ 50x50 mm sem furo  
Art. 819/11 Base □ 40x40 mm sem furo

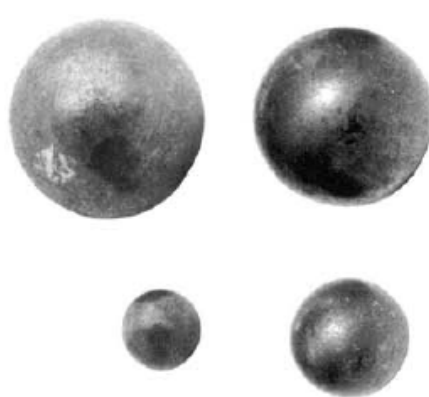


- Art. 116/A/7  
□ 10 mm  
100x100 mm  
Art. 116/A/6  
□ 10 mm  
100x100 mm sem furo



- Art. 94/A/6  
□ 8 mm  
80x80 mm

# ESFERAS LISAS



- Art. 116/F/0 Ø 16 mm  
Art. 116/F/1 Ø 20 mm  
Art. 116/F/2 Ø 25 mm  
Art. 116/F/3 Ø 30 mm  
Art. 123/1 Ø 35 mm  
Art. 116/F/4 Ø 40 mm  
Art. 116/F/5 Ø 50 mm  
Art. 116/F/6 Ø 60 mm  
Art. 116/F/7 Ø 70 mm  
Art. 116/F/8 Ø 80 mm  
Art. 116/F/9 Ø 90 mm  
Art. 116/F/10 Ø 100 mm

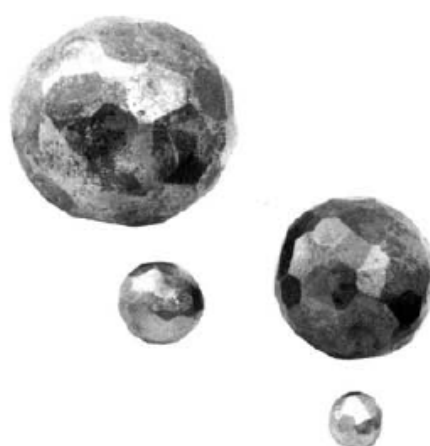


- Art. 202/3  
80x51 mm  
Art. 202/4  
70x40 mm  
Art. 202/5  
60x35 mm  
Art. 202/6  
45x28 mm  
Art. 202/7  
40x25 mm

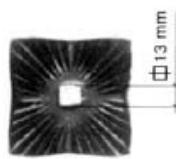


- Art. 35-5-01 base Ø 30 mm H 16 mm  
Sem Furo Kg. 0,030  
Art. 35-5-02 base Ø 40 mm H 16 mm  
Sem Furo Kg. 0,050  
Art. 35-5-03 base Ø 50 mm H 18 mm  
Sem Furo Kg. 0,100  
Art. 35-5-04 base Ø 60 mm H 18 mm  
Sem Furo Kg. 0,135  
Art. 35-5-05 base Ø 80 mm H 18 mm  
Sem Furo Kg. 0,225

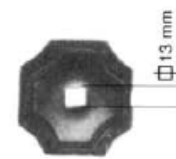
# ESFERAS DIAMANTE



- Art. 116/F/11 Ø 20 mm  
Art. 116/F/12 Ø 25 mm  
Art. 116/F/13 Ø 30 mm  
Art. 116/F/14 Ø 35 mm  
Art. 116/F/15 Ø 40 mm  
Art. 116/F/16 Ø 50 mm



- Art. 116/A/2  
□ 5 mm  
75x75 mm



- Art. 116/A/1  
□ 5 mm  
70x70 mm



- Art. 35-5-06 base Ø 30 mm H 16 mm  
Furo Ø 12,5 mm Kg. 0,035  
Art. 35-5-07 base Ø 40 mm H 16 mm  
Furo Ø 14,5 mm Kg. 0,045  
Art. 35-5-08 base Ø 40 mm H 16 mm  
Furo Ø 16,5 mm Kg. 0,045  
Art. 35-5-09 base Ø 50 mm H 18 mm  
Furo Ø 16,5 mm Kg. 0,085  
Art. 35-5-10 base Ø 50 mm H 18 mm  
Furo Ø 18,5 mm Kg. 0,085  
Art. 35-5-11 base Ø 50 mm H 18 mm  
Furo Ø 20,5 mm Kg. 0,085  
Art. 35-5-12 base Ø 60 mm H 18 mm  
Furo Ø 25,5 mm Kg. 0,100  
Art. 35-5-13 base Ø 60 mm H 18 mm  
Furo Ø 30,5 mm Kg. 0,100  
Art. 35-5-14 base Ø 80 mm H 18 mm  
Furo Ø 30,5 mm Kg. 0,190  
Art. 35-5-15 base Ø 80 mm H 18 mm  
Furo Ø 35,5 mm Kg. 0,190  
Art. 35-5-16 base Ø 80 mm H 18 mm  
Furo Ø 40,5 mm Kg. 0,190

# LANÇAS - SETAS . BICOS



**Art. 120/2**

base  
Ø 35 mm  
H 200 mm



**Art. 120/3**

base  
Ø 30 mm  
H 170 mm



**Art. 122/A/1**

base  
Ø 35 mm  
H 200 mm



**Art. 726/3**

base  
Ø 30 mm  
H 180 mm



**Art. 121/1**

base  
Ø 30 mm  
H 180 mm



**Art. 121/2**

base  
Ø 35 mm  
H 205 mm



**Art. 121/3**

base  
Ø 35 mm  
H 180 mm



**Art. 121/4**

base  
Ø 33 mm  
H 130 mm



**Art. 124/6**

base  
Ø 15 mm  
H 155 mm



**Art. 124/7**

base  
Ø 14 mm  
H 127 mm



**Art. 125/4**

base  
Ø 20 mm  
H 130 mm



**Art. 126/B/1**

base Ø 19 mm 82x195 mm

**Art. 126/B/2**

base Ø 16 mm 68x160 mm

**Art. 126/B/3**

base Ø 13 mm 54x130 mm



**Art. 126/B/4**

base  
Ø 20 mm  
70x130 mm



**Art. 126/B/9**

base  
Ø 22 mm  
66x165 mm



**Art. 126/B/5**

base  
Ø 50 mm  
85x165 mm





**Art. 126/C/3**

base Ø 40 mm  
70x190 mm

**Art. 126/C/4**

base Ø 33 mm  
57x140 mm

**Art. 126/C/5**

base Ø 25 mm  
44x125 mm



**Art. 726/8**

base Ø 28 mm  
H 142 mm

**Art. 726/9**

base Ø 35 mm  
H 190 mm



**Art. 726/16**

base Ø 12 mm  
H 100 mm

**Art. 726/17**

base Ø 15 mm  
H 125 mm

**Art. 726/12**

base Ø 18 mm  
H 110 mm

**Art. 726/13**

base Ø 23 mm  
H 140 mm

**Art. 726/14**

base Ø 26 mm  
H 160 mm

**Art. 726/15**

base Ø 32 mm  
H 200 mm



**Art. 124/8**

base  
Ø 15 mm  
H 215 mm



**Art. 126/C/6**

base  
Ø 23 mm  
70x160 mm



**Art. 126/E/2**

base  
Ø 16 mm  
90x160 mm



**Art. 129/15**

base  
Ø 32 mm  
H 140 mm



**Art. 125/1**

base  
Ø 35 mm  
H 125 mm



**Art. 125/2**

base  
Ø 14 mm  
H 140 mm



**Art. 126/A/1**

base  
Ø 15 mm  
68x150 mm



**Art. 126/E/1**

base  
Ø 15 mm  
55x150 mm



**Art. 124/1**

base Ø 12 mm H 125 mm

**Art. 124/2**

base Ø 15 mm H 160 mm

**Art. 124/9**

base Ø 20 mm H 190 mm



**Art. 126/8**

base Ø 20 mm H 120 mm

**Art. 126/21**

base Ø 25 mm H 135 mm



**Art. 126/13**

base Ø 16 mm

64x170 mm

**Art. 126/14**

base Ø 14 mm

55x140 mm



**Art. 725/4**

base

Ø 50 mm

H 235 mm



**Art. 726/19**

base

14 mm  
80x140 mm



**Art. 124/3**

base Ø 12 mm H 125 mm

**Art. 124/4**

base Ø 15 mm H 160 mm

**Art. 124/5**

base Ø 20 mm H 190 mm



**Art. 126/5**

base

20 mm  
H 160 mm



**Art. 126/C/9**

base

Ø 40 mm  
80x150 mm



**Art. 727/10**

base Ø 33 mm  
40x150 mm

**Art. 727/11**

base Ø 30 mm  
35x120 mm



**Art. 126/1**

base

10 mm  
H 140 mm



**Art. 126/15**

base 30 mm H 160 mm

**Art. 126/16**

base 40 mm H 190 mm

**Art. 35-0-04**

base 20 mm H 125 mm



**Art. 126/17**

base

25 mm  
H 290 mm



**Art. 126/6**

base Ø 34 mm H 190 mm

**Art. 126/19**

base Ø 25 mm H 140 mm

**Art. 126/20**

base Ø 30 mm H 160 mm



**Art. 726/4**

base  
Ø 24 mm  
H 125 mm



**Art. 127/2**

base  
Ø 12 mm  
H 70 mm



**Art. 122/1**

base  
Ø 20x8 mm  
H 160 mm



**Art. 122/2**

base  
Ø 10x4 mm  
H 145 mm



**Art. 122/3**

base  
Ø 10x4 mm  
H 90 mm



**Art. 121/5**

base  
Ø 25 mm  
H 160 mm



**Art. 123/5**

base  
Ø 25 mm  
H 160 mm



**Art. 132/C/12**

Ø 12x12 mm H 300 mm

**Art. 132/C/13**

Ø 14x14 mm H 300 mm

**Art. 132/C/14**

Ø 16x16 mm H 300 mm



**Art. 123/3**

base  
Ø 32 mm  
H 130 mm



**Art. 126/B/6**

Ø 20 mm 45x80 mm

**Art. 126/B/7**

Ø 25 mm 64x125 mm

**Art. 126/B/8**

Ø 30 mm 84x165 mm



**Art. 126/C/1**

Ø 24 mm  
70x155 mm





**Art. 126/C/2**  
 $\Phi$  12x12 mm  
 60x140 mm



**Art. 129/8**  
 $\Phi$  12x12 mm  
 H 200 mm



**Art. 722/3**  
 $\Phi$  12x12 mm  
 H 200 mm



**Art. 129/10**  
 $\Phi$  12x12 mm  
 H 150 mm



**Art. 722/5**  
 $\Phi$  12x12 mm  
 H 150 mm



**Art. 129/12**  
 $\Phi$  12x12 mm  
 H 200 mm



**Art. 722/1**  
 $\Phi$  12x12 mm  
 H 200 mm



**Art. 727/1**  
 $\Phi$  32 mm  
 70x140 mm

**Art. 727/2**  
 $\Phi$  30 mm  
 65x125 mm

**Art. 727/3**  
 $\Phi$  25 mm  
 55x110 mm



**Art. 727/4**  
 $\Phi$  30 mm  
 80x210 mm

**Art. 727/5**  
 $\Phi$  27 mm  
 70x185 mm

**Art. 727/6**  
 $\Phi$  24 mm  
 60x160 mm



**Art. 727/7**  
 $\Phi$  40x40 mm  
 120x200 mm

**Art. 727/8**  
 $\Phi$  32x32 mm  
 90x160 mm

**Art. 727/9**  
 $\Phi$  25x25 mm  
 70x120 mm



**Art. 35-1-05**  
 H 140 mm  
 L 80 mm  
 Base  $\Phi$  16 mm



**Art. 35-1-06**  
 H 110 mm  
 L 70 mm  
 Base  $\Phi$  12 mm

# PEÇAS EM FERRO



**Art. 101-1E**  
Ø 16 mm  
60 x 35 mm



**Art. 101-2E**  
Ø 20 mm  
70 x 45 mm



**Art. 101-3E**  
Ø 30 mm  
90 x 60 mm



**Art. 101-4E**  
Ø 45 mm  
120 x 90 mm

## ANÉIS DE REMATE SUTADOS (ESCADAS)



**Art. 111-1E**  
Ø 16 mm



**Art. 111-2E**  
Ø 20 mm



**Art. 115-3E**  
Ø 30 mm



**Art. 105-4E**  
Ø 30 mm  
28 x 60 mm

## LANÇAS



**Art. 303-E**  
Alt. 180 mm



**Art. 309-E**  
Alt. 170 mm



**Art. 112E**  
Alt. 115 mm  
Ø 73 mm



**Art. 312-E**  
Alt. 220 mm



**Art. 304-E**  
Alt. 270 mm



**Art. 605-1E**  
Base 14 x 14 mm  
Alt. 130 mm

## ANÉIS DECORATIVOS

## ANÉIS QUADRADOS



**Art. 107-1E**  
16 x 40 mm  
Ø 20 mm



**Art. 107-2E**  
25 x 50 mm  
Ø 20 mm

## NÓS DECORATIVOS



# ANILHAS - CANHOLAS

Para aumentar a possibilidade de composição dos trabalhos



**Art. 128/36**

Ø Exterior 40 mm  
Espessura 23 mm  
Furo Redondo 12 mm

**Art. 128/37**

Ø Exterior 40 mm  
Espessura 23 mm  
Furo Redondo 16 mm



**Art. 128/38**

Ø Exterior 40 mm  
Espessura 23 mm  
Furo Quadrado 12 mm

**Art. 128/39**

Ø Exterior 40 mm  
Espessura 23 mm  
Furo Quadrado 16 mm



**Art. 128/6**

Ø Exterior 40 mm  
Altura 65 mm  
Furo Ø 12 mm

**Art. 128/9**

Ø Exterior 45 mm  
Altura 68 mm  
Furo Ø 16 mm



**Art. 128/12**

Ø Exterior 50 mm  
Altura 78 mm  
Furo Ø 16 mm

**Art. 128/14**

Ø Exterior 50 mm  
Altura 78 mm  
Furo Ø 20 mm



**Art. 128/3**

Ø Exterior 40 mm  
Altura 65 mm  
sem furo

**Art. 128/5**

Ø Exterior 50 mm  
Altura 78 mm  
sem furo

**Art. 128/16**

Ø Exterior 40 mm  
Altura 39 mm  
sem furo

**Art. 128/24**

Ø Exterior 50 mm  
Altura 46 mm  
sem furo

**Art. 128/11**

Ø Exterior 45 mm  
Altura 68 mm  
Furo Ø 20 mm



**Art. 128/17**

Ø Exterior 40 mm  
Altura 39 mm  
Furo Ø 12 mm

**Art. 128/21**

Ø Exterior 45 mm  
Altura 44 mm  
Furo Ø 16 mm

**Art. 128/27**

Ø Exterior 50 mm  
Altura 46 mm  
Furo Ø 20 mm



**Art. 123/2**

Ø Exterior 40 mm  
Altura 60 mm



**Art. 122/4**

Ø Exterior 28 mm  
Altura 35 mm

**Art. 122/5**

Ø Exterior 30 mm  
Altura 55 mm



**Art. 126/F/11**

Ø Exterior 35 mm  
Altura 63 mm  
sem furo



**Art. 739/4**

Ø Exterior 35 mm  
Altura 63 mm  
Furo Ø 12 mm

**Art. 739/6**

Ø Exterior 35 mm  
Altura 63 mm  
Furo Ø 16 mm



**Art. 43/0/01**

Ø Exterior 40 mm  
Altura 58 mm  
Furo Ø 12,5 mm



**Art. 127/7**

Ø Exterior 40 mm  
Altura 67 mm  
Furo Ø 12 mm

**Art. 127/9**

Ø Exterior 40 mm  
Altura 67 mm  
Furo Ø 16 mm

**Art. 127/11**

Ø Exterior 45 mm  
Altura 88 mm  
Furo Ø 16 mm



**Art. 127/3**

45x88 mm  
sem furo

**Art. 127/5**

40x67 mm  
sem furo



**39-1-01**

Furo Ø 12,5 mm  
H 22 mm  
Ø 33 mm  
Kg. 0,100

**39-1-02**

Furo Ø 14,5 mm  
H 22 mm  
Ø 38 mm  
Kg. 0,160

**39-1-03**

Furo Ø 16,5 mm  
H 22 mm  
Ø 38 mm  
Kg. 0,155

**39-1-04**

Furo Ø 20,5 mm  
H 32 mm  
L 54 mm  
Kg. 0,345

**39-1-05**

Furo Ø 26 mm  
H 35 mm  
L 54 mm  
Kg. 0,385



**Art. 126/F/1**

Ø Exterior 40 mm  
Altura 65 mm  
Furo Ø 12 mm

**Art. 126/F/5**

Ø Exterior 50 mm  
Altura 78 mm  
Furo Ø 16 mm



**Art. 128/B/1**

Ø Exterior 50 mm  
Altura 95 mm





**Art. 127/12**

Ø Exterior 40 mm  
Altura 38 mm  
Furo □ 12 mm

**Art. 127/14**

Ø Exterior 40 mm  
Altura 38 mm  
Furo □ 16 mm



**Art. 126/F/6**

Ø Exterior 40 mm  
Altura 39 mm  
Furo □ 12 mm

**Art. 126/F/10**

Ø Exterior 50 mm  
Altura 46 mm  
Furo □ 16 mm



**Art. 741/3**

Ø Exterior 69 mm  
Altura 50 mm  
Furo Ø 30 mm

**Art. 741/5**

Ø Exterior 69 mm  
Altura 50 mm  
Furo Ø 40 mm

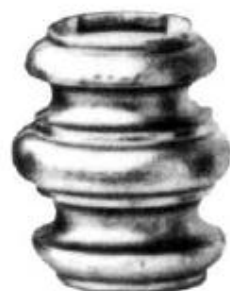


**Art. 128/C/6**

Ø Exterior 69 mm  
Altura 78 mm  
Furo Ø 30 mm

**Art. 128/C/8**

Ø Exterior 69 mm  
Altura 78 mm  
Furo Ø 40 mm



**Art. 741/7**

Ø Exterior 69 mm  
Altura 78 mm  
Furo □ 25 mm

**Art. 741/8**

Ø Exterior 69 mm  
Altura 78 mm  
Furo □ 30 mm



**Art. 741/6**

Ø Exterior 69 mm  
Altura 50 mm  
sem furo



**Art. 128/C/3**

Ø Exterior 69 mm  
Altura 78 mm  
sem furo



**Art. 726/10**

Ø Exterior 12 mm  
Altura 100 mm

**Art. 726/11**

Ø Exterior 15 mm  
Altura 125 mm



**Art. 128/C/15**

Ø Exterior 35 mm  
Altura 70 mm  
sem furo



**Art. 126/F/12**

Ø Exterior 45 mm  
Altura 54 mm  
sem furo



**Art. 126/F/3**

Ø Exterior 45 mm  
Altura 54 mm  
Furo □ 12 mm

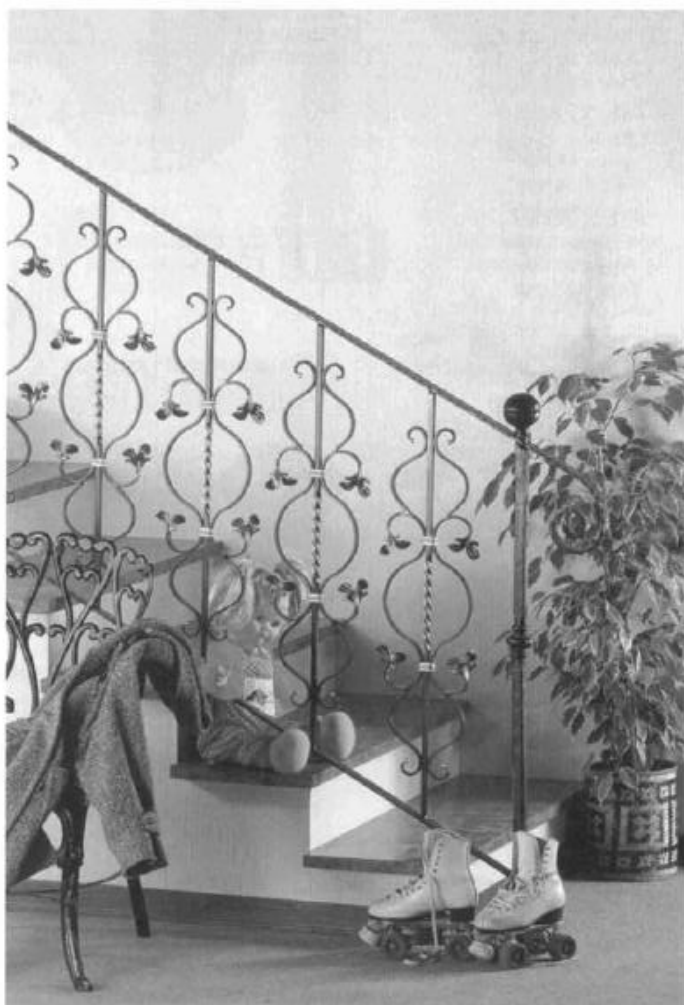


**Art. 739/1**

Ø Exterior 45 mm  
Altura 54 mm  
Furo Ø 12 mm

**Art. 739/3**


Ø Exterior 45 mm  
Altura 54 mm  
Furo Ø 16 mm





**Art. 136/1**  
 3 mm  
 40 x 110 mm direita



**Art. 136/2**  
 3 mm  
 40 x 110 mm esquerda



**Art. 136/3**  
 3 mm  
 70X60 direita



**Art. 136/4**  
 3 mm  
 70 x 60 mm esquerda




**Art. 136/12**  
 3 mm  
 30x90 mm esquerda



**Art. 136/13**  
 3 mm  
 30 x 90 mm direita



**Art. 136/10**  
 3 mm  
 70 x 160 mm direita



**Art. 136/11**  
 3 mm  
 70 x 160 mm esquerda



**Art. 675/12**  
 3 mm  
 80 x 110 mm direita



**Art. 675/13**  
 3 mm  
 80 x 110 mm esquerda




**Art. 675/14**  
 3 mm  
 60 x 85 mm direita



**Art. 675/15**  
 3 mm  
 60 x 85 mm esquerda



**Art. 137/1**  
 2 mm  
 80 x 160 mm




**Art. 137/2**  
 2 mm  
 80 x 160 mm




**Art. 137/4**  
 0,5 mm  
 50 x 75 mm




**Art. 137/11**  
 2 mm  
 68 x 85 mm



**Art. 137/9**  
 0,5 mm  
 110 x 65 mm



**Art. 137/10**  
 0,5 mm  
 175 x 125 mm



**Art. 136/5**  
 Ø 65 mm  
 H 30 mm  
 esp. 0,3 mm



**Art. 136/6**  
 Ø 55 mm  
 H 33 mm  
 esp. 0,3 mm



**Art. 136/7**  
 Ø 38 mm  
 H 40 mm  
 esp. 0,3 mm



**Art. 136/8**  
 Ø 42 mm  
 H 18 mm  
 esp. 0,3 mm




**Art. 136/9**  
 Ø 48 mm  
 H 15 mm  
 esp. 0,3 mm



**Art. 137/8**  
 0,5 mm  
 50 x 90 mm




**Art. 137/7**  
 0,5 mm  
 65 x 130 mm




**Art. 138/11**  
 0,5 mm  
 75 x 70 mm




**Art. 138/12**  
 0,5 mm  
 95 x 105 mm




**Art. 138/13**  
 0,5 mm  
 190 x 195 mm




**Art. 137/12**  
 1 mm  
 145 x 260 mm



**Art. 137/14**  
 1 mm  
 130 x 355 mm



**Art. 137/13**  
 1 mm  
 140 x 190 mm