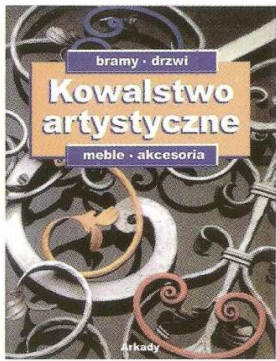


The background of the entire page is a dense, repeating pattern of blue-toned metal parts, including bolts, nuts, washers, and various brackets, rendered in a slightly textured, embossed style. The pattern is centered and fills the entire frame.

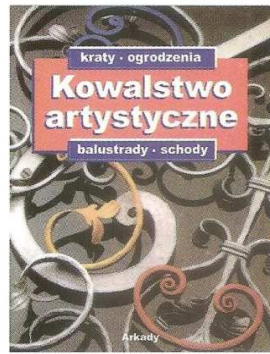
PPHU
Artbud

Katalog wyrobów

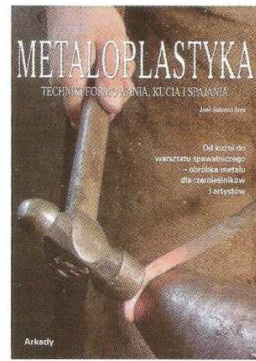
STAL METAL



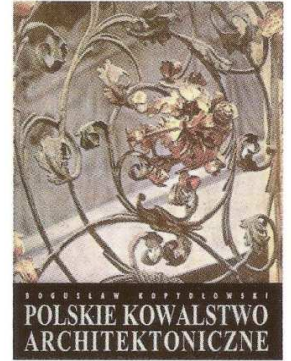
KOWALSTWO
ARTYSTYCZNE TOM 1



KOWALSTWO
ARTYSTYCZNE TOM 2



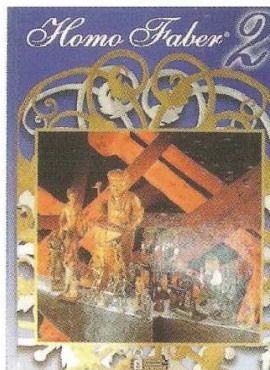
METALOPLASTYKA



POLSKIE KOWALSTWO
ARCHITEKTONICZNE



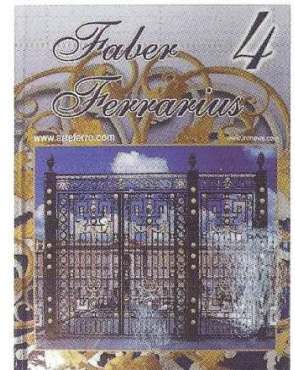
212/1



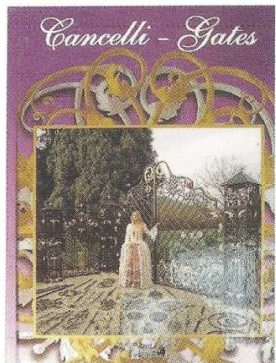
938/1



1596/1

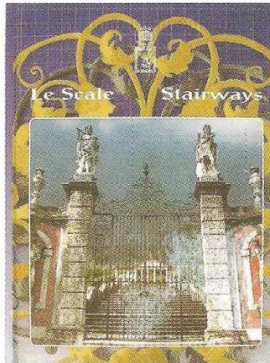


3005/70

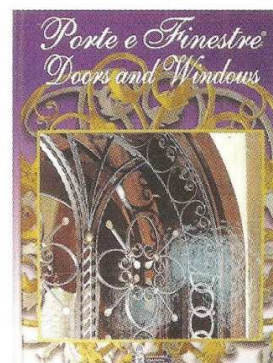


939/1

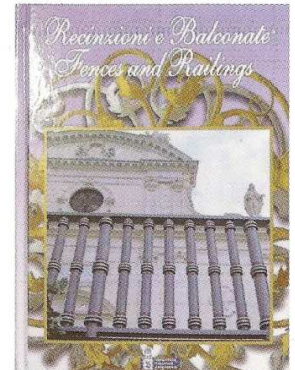
NOWOŚĆ



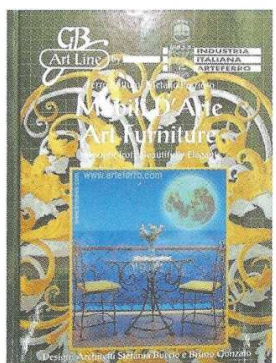
3005/26



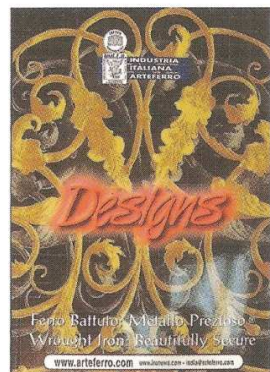
1601/1



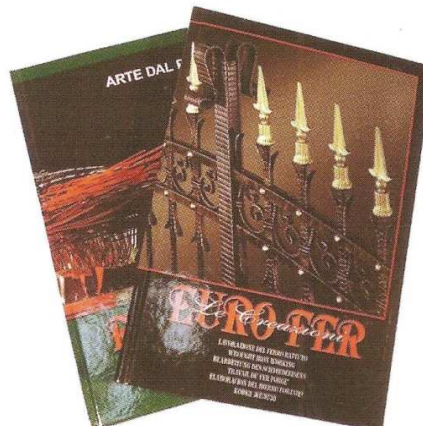
1601/2



3005/65



211/2



3000



01.092.02
H80 x L50 mm
|| 12x6 mm
0,110 kg



01.092
H95 x L60 mm
|| 12x6 mm
0,135 kg



01.093
H110 x L70 mm
|| 12x6 mm
0,155 kg



01.094
H115 x L75 mm
|| 12x6 mm
0,160 kg



01.095
H120 x L70 mm
|| 12x6 mm
0,165 kg



01.096
H130 x L70 mm
|| 12x6 mm
0,175 kg



01.097
H150 x L75 mm
|| 12x6 mm
0,195 kg



01.097.02
H160 x L80 mm
|| 12x6 mm
0,205 kg



01.098.02
H220 x L110mm
|| 12x6 mm
0,320 kg



01.099.02
H270 x L120mm
|| 12x6 mm
0,360 kg



01.091.11
H195 x L80 mm
|| 12x6 mm
0,240 kg



01.091.19
H230 x L80 mm
|| 12x6 mm
0,330 kg



01.100
H150 x L70 mm
|| 12x6 mm
0,190 kg



01.100.05
H200 x L70 mm
|| 12x6 mm
0,265 kg



01.101
H230 x L110mm
|| 12x6 mm
0,370 kg



01.101.05
H290 x L110mm
|| 12x6 mm
0,500 kg



01.102
H260 x L110mm
|| 12x6 mm
0,290 kg



01.083.27
H150 x L95 mm
|| 12x6 mm
0,171 kg



01.109
H120 x L80 mm
|| 12x6 mm
0,135 kg



01.105
H250 x L75 mm
|| 12x6 mm
0,225 kg



01.114.28
H460 x L80 mm
|| 12x6 mm
0,450 kg



02.031 ø 100 mm || 12x6 0,160 kg
02.032 ø 120 mm || 12x6 0,175 kg
02.033 ø 130 mm || 12x6 0,190 kg
02.035.03 ø 105 mm || 12x6 0,165 kg



02.065.01 ø 100 mm || 12x6 0,190 kg
02.065.02 ø 120 mm || 12x6 0,230 kg

Scrolls

Zierschnecken



01.392

H95 x L80 mm
□ 12x12 mm
0,250 kg



01.393

H110 x L80 mm
□ 12x12 mm
0,277 kg



01.394

H115 x L80 mm
□ 12x12 mm
0,297 kg



01.395

H120 x L75 mm
□ 12x12 mm
0,310 kg



01.396

H130 x L75 mm
□ 12x12 mm
0,331 kg



01.397

H150 x L90 mm
□ 12x12 mm
0,375 kg



01.397.01

H160 x L90 mm
□ 12x12 mm
0,400 kg



01.397.02

H170 x L90 mm
□ 12x12 mm
0,445 kg



01.398

H180 x L100mm
□ 12x12 mm
0,480 kg



01.398.02

H220 x L125mm
□ 12x12 mm
0,620 kg



01.399

H310 x L210mm
□ 12x12 mm
1,200 kg



01.400

H180 x L90 mm
□ 12x12 mm
0,450 kg



01.400.05

H200 x L90 mm
□ 12x12 mm
0,495 kg



01.403

H200 x L75 mm
□ 12x12 mm
0,435 kg



01.404

H235 x L90 mm
□ 12x12 mm
0,510 kg



01.401

H250 x L100mm
□ 12x12 mm
0,622 kg



01.401.05

H300 x L100mm
□ 12x12 mm
0,730 kg



01.402

H290 x L120mm
□ 12x12 mm
0,725 kg



01.405

H315 x L140mm
□ 12x12 mm
0,890 kg



01.406

H355 x L140mm
□ 12x12 mm
0,930 kg



01.402.05

H360 x L120mm
□ 12x12 mm
0,972 kg



01.409 P

H130 x L65 mm
□ 12x12 mm
0,260 kg



01.409 S

H130 x L65 mm
□ 12x12 mm
0,255 kg



01.410

H170 x L90 mm
□ 12x12 mm
0,325 kg



01.414.26

H335 x L75 mm
□ 12x12 mm
0,685 kg



01.414.28

H435 x L90 mm
□ 12x12 mm
0,810 kg



01.414.30

H500 x L75 mm
□ 12x12 mm
0,900 kg



01.414.32

H600 x L90 mm
□ 12x12 mm
1,200 kg



- 02.016** \varnothing 100 mm □ 12x12 0,310 kg
02.017 \varnothing 120 mm □ 12x12 0,375 kg
02.018.08 \varnothing 100 mm □ 14x14 0,410 kg
02.018.11 \varnothing 120 mm □ 14x14 0,510 kg



- 06.033**
H300 x L80 mm
□ 12x12 mm
0,420 kg



- 06.034**
H300 x L80 mm
□ 14x14 mm
0,560 kg



- 06.033.04**
H300 x L80 mm
□ 12x12 mm
0,440 kg



- 06.034.01**
H300 x L80 mm
□ 14x14 mm
0,580 kg



- 02.063.03**
H70 x L70 mm
□ 6x6 mm
0,200 kg



- 02.080**
H130 x L60 mm
□ 12x12 mm
0,190 kg



- 02.080/1**
H135 x L80 mm
□ 12x12 mm
0,250 kg



- 02.081**
H135 x L65 mm
□ 14x14 mm
0,250 kg



- 02.081/1**
H150 x L90 mm
□ 14x14 mm
0,320 kg



- 02.082**
H145 x L65 mm
□ 16x16 mm
0,360 kg



- 02.083**
H170 x L80 mm
□ 20x20 mm
0,750 kg



- 02.084**
H180 x L95 mm
□ 24x24 mm
1,200 kg



- 02.086**
H120 x L60 mm
□ 12x12 mm
0,175 kg



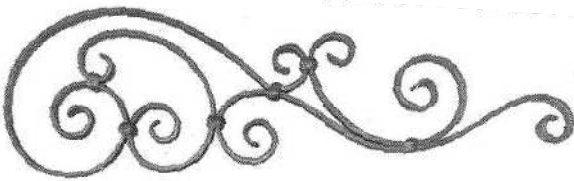
- 02.086.01**
H140 x L75 mm
□ 15x15 mm
0,300 kg



- 02.087**
H190 x L105 mm
□ 24x24 mm
1,000 kg



- 02.088**
H330 x L63 mm
□ 12x12 mm
0,350 kg



- 02.252.11** H 225 x L 760 mm 14 x 6 mm 2,300 kg
02.252.11 H 225 x L 760 mm 20 x 6 mm 3,300 kg



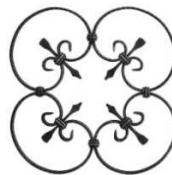
- 02.252.21** H 330 x L 1100 mm 14 x 6 mm 4,050 kg
02.252.21 H 330 x L 1100 mm 20 x 6 mm 7,700 kg



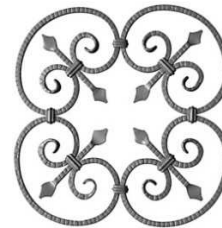
- 03.007**
H 250 x L 250 mm
|| 10 x 5 mm
0,700 kg



- 03.018.12**
H 530 x L 420 mm
□ 12 x 12 mm
4,500 kg



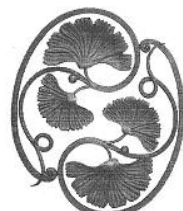
- 03.020**
H 380 x L 380 mm
|| 10 x 5 mm
1,320 kg

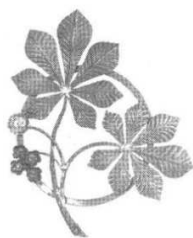


- 03.025**
H 590 x L 590 mm
□ 12 x 12 mm
5,750 kg



- 03.026**
H 590 x L 510 mm
|| 16 x 8 mm
5,000 kg

**03.031**H 230 x L 740 mm
|| 12 x 6 mm**03.044**H 800 x L 275 mm
|| 16 x 8 mm**03.045**H 800 x L 300 mm
|| 16 x 8 mm**03.046**H 800 x L 300 mm
|| 16 x 8 mm**03.603**H 680 x L 420 mm
4,480 kg**03.301.09**H 500 x L 280 mm
ø 250 mm
□ 12 x 12 mm
2,140 kg**03.302.12**H 490 x L 330 mm
ø 250 mm
□ 12 x 12 mm
3,580 kg**03.302.62**H 540 x L 385 mm
□ 12 x 12 mm**03.303.05**H 430 x L 250 mm
ø 250 mm
□ 12 x 12 mm**03.303.06**ø 385 mm
□ 12 x 12 mm**03.304.05**H 355 x L 250 mm
ø 250 mm
□ 12 x 12 mm**03.304.06**H 440 x L 385 mm
□ 12 x 12 mm**03.305.03**H 420 x L 385 mm
□ 12 x 12 mm**03.305.04**H 460 x L 385 mm
□ 12 x 12 mm**03.306.05**ø 385 mm
□ 12 x 12 mm**03.306.06**H 445 x L 385 mm
□ 12 x 12 mm**03.307.11**H 490 x L 330 mm
ø 250 mm
□ 12 x 12 mm
2,380 kg**03.307.61**H 485 x L 385 mm
□ 12 x 12 mm**03.308.15**H 400 x L 450 mm
ø 250 mm
□ 12 x 12 mm
3,000 kg**03.309.11**H 525 x L 250 mm
ø 250 mm
□ 12 x 12 mm**03.309.12**ø 385 mm
□ 12 x 12 mm**03.309.13**H 545 mm
ø 385 mm
□ 12 x 12 mm**03.310.07**H 450 x L 270 mm
ø 250 mm
□ 12 x 12 mm
2,750 kg



03.314.09
H 400 x L 340 mm
Ø 250 mm
□ 12 x 12 mm
2,380 kg



03.315.06
H 350 x L 290 mm
Ø 250 mm
□ 12 x 12 mm
2,380 kg



03.316.06
H 420 x L 385 mm
□ 12 x 12 mm



03.316.07
H 440 x L 385 mm
□ 12 x 12 mm



03.317.06
H 500 x L 300 mm
□ 12 x 12 mm
2,840 kg



03.316.01
H 480 x L 410 mm
□ 12 x 12 mm
4,800 kg



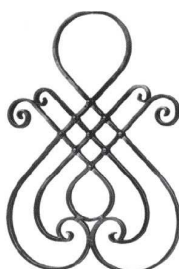
03.316.02
H 560 x L 405 mm
□ 12 x 12 mm
3,960 kg



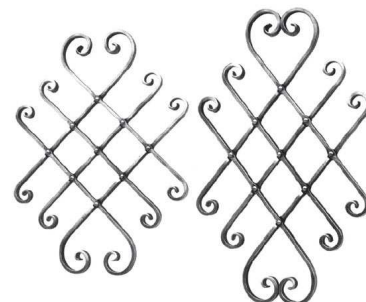
03.512
H 210 x L 210 mm
□ 14 x 14 mm
1,350 kg



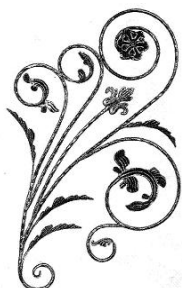
03.571
H 400 x L 410 mm
|| 16 x 8 mm
3,000 kg



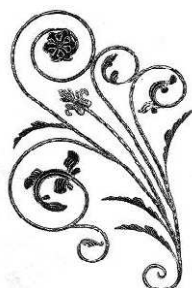
03.574
H 575 x L 400 mm
|| 16 x 8 mm
4,400 kg



03.581
H 580 x L 440 mm, H 620 x L 380 mm
|| 16 x 8 mm
3,850 kg



13.100
H 1080 x L 600 mm
Ø 12 mm



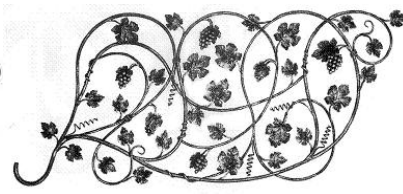
13.101
H 1080 x L 600 mm
Ø 12 mm



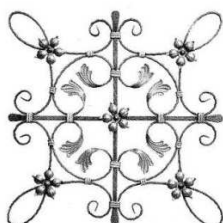
13.102
H 550 x L 750 mm
Ø 12 mm



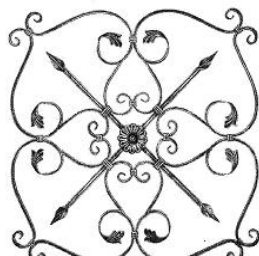
13.103
H 550 x L 750 mm
Ø 12 mm



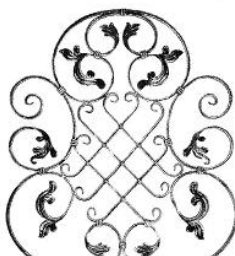
13.200
H 1500 x L 800 mm
Ø 16-14-12 mm



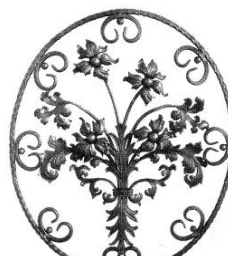
13.010
H 640 x L 640 mm
|| 12 x 6 mm



13.028
H 800 x L 800 mm
|| 16 x 8 mm



13.029
H 800 x L 700 mm
|| 16 x 8 mm



13.236
H 800 x L 680 mm
□ 12 x 12 mm

03.401
H420 x L145 mm
|| 12 x 6 mm
0,900 kg

03.402
H420 x L145 mm
|| 14 x 6 mm
1,060 kg

03.403
H420 x L145 mm
|| 20 x 6 mm
1,500 kg



Balusters

Zierstäbe



04.016
H800 x L135mm
|| 40x4 mm
1,500 kg



04.016.01
H800 x L135mm
|| 25x6 mm
1,450 kg



04.016.02
H800 x L135mm
|| 30x6 mm
1,550 kg



04.075
H950 x L125mm
□ 12x12 mm
1,150 kg



04.083
H950 x L125mm
□ 12x12 mm
1,150 kg



04.090.09
H950 x L125mm
□ 12x12 mm
1,000 kg



04.098.25
H950 x L200mm
□ 12x12 mm
1,200 kg



04.103
H950 x L200mm
□ 12x12 mm
1,120 kg



04.106.05
H950 x L200mm
□ 12x12 mm
1,200 kg



04.110.05
H950 x L200mm
□ 12x12 mm
1,240 kg



04.114.05
H950 x L200mm
□ 12x12 mm
1,705 kg



04.138.05
H950 x L200mm
□ 12x12 mm
1,600 kg



04.139.05
H950 x L200mm
□ 12x12 mm
1,500 kg



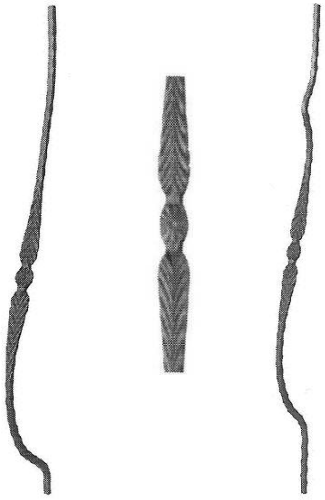
04.148.05
H950 x L200mm
□ 12x12 mm
1,750 kg



04.153.05
H950 x L200mm
□ 12x12 mm
1,800 kg

Balusters

Zierstäbe



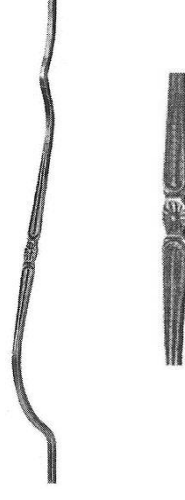
06.053

H950 x L200mm
□ 12x12 mm
1,150 kg



06.055

H950 x L125mm
□ 12x12 mm
1,100 kg



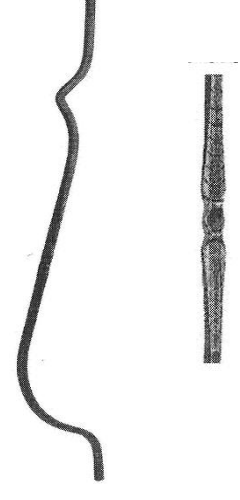
09.516.07

H950 x L125mm
□ 12x12 mm
1,200 kg



09.516.08

H950 x L200mm
□ 12x12 mm
1,200 kg



09.516.09

H950 x L125mm
□ 12x12 mm
1,200 kg



09.516.10

H950 x L200mm
□ 12x12 mm
1,200 kg



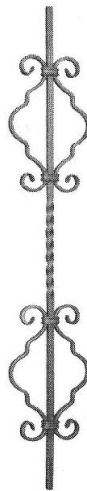
05.045

H 950 mm
□ 12x12 mm
1,100 kg



05.046

H 950 mm
□ 12x12 mm
1,100 kg



05.065

H950 x L165mm
□ 12x12 mm
|| 12x6 mm
2,100 kg



05.066

H950 x L165mm
□ 12x12 mm
|| 12x6 mm
1,550 kg



05.067

H950 x L150mm
□ 12x12 mm
|| 12x6 mm
1,850 kg



05.068

H950 x L150mm
□ 12x12 mm
|| 12x6 mm
1,460 kg



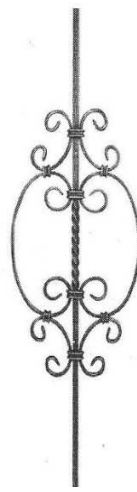
05.071.01

H950 x L170mm
□ 12x12 mm
|| 12x6 mm
1,400 kg



05.071.03

H950 x L170mm
□ 12x12 mm
|| 12x6 mm
1,700 kg



05.074

H950 x L220mm
□ 12x12 mm
|| 12x6 mm
2,370 kg



05.075

H950 x L170mm
□ 12x12 mm
|| 12x6 mm
2,150 kg



05.076

H950 x L180mm
□ 12x12 mm
|| 12x6 mm
2,400 kg



05.076.01

H950 x L180mm
□ 12x12 mm
|| 12x6 mm
2,400 kg



05.077
H950 x L170mm
□ 12x12 mm
|| 12x6 mm
1,700 kg



05.077.01
H950 x L150mm
□ 12x12 mm
|| 12x6 mm
2,000 kg



05.077.02
H950 x L150mm
□ 12x12 mm
|| 12x6 mm
2,000 kg



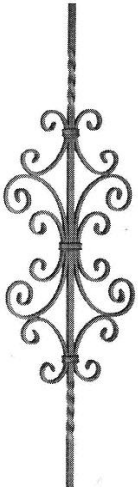
05.077.03
H950 x L150mm
□ 12x12 mm
|| 12x6 mm
2,000 kg



05.083
H950 x L220mm
□ 12x12 mm
|| 12x6 mm
1,600 kg



05.084
H950 x L220mm
□ 12x12 mm
|| 12x6 mm
2,100 kg



05.085
H950 x L250mm
□ 12x12 mm
|| 12x6 mm
2,950 kg



05.130
H950 x L170mm
□ 12x12 mm
|| 12x6 mm
1,650 kg



05.131
H950 x L170mm
□ 12x12 mm
|| 12x6 mm
2,300 kg



07.019
H950 x L150mm
□ 12x12 mm
|| 12x6 mm
2,000 kg



05.123
H 950 mm
□ 12x12 mm
1,100 kg



05.124
H 950 mm
□ 12x12 mm
1,220 kg



05.124.02
H 950 mm
□ 12x12 mm
1,100 kg



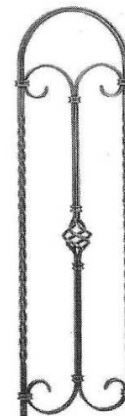
05.124.04
H 950 mm
□ 12x12 mm
1,200 kg



06.008
H 950 mm
□ 12x12 mm
1,100 kg



06.009
H 950 mm
□ 12x12 mm
1,200 kg



05.211.17
H900xL200 mm
□ 12x12 mm
3,200 kg



05.211.19
H900xL200 mm
□ 12x12 mm
3,400 kg



09.509
H 950 mm
Ø 14 mm
1,270 kg



09.510
H 950 mm
Ø 14 mm
1,500 kg



09.510.03
H 950 mm
□ 14x14 mm
1,550 kg



09.510.04
H 950 mm
□ 14x14 mm
1,700 kg



09.516.01
H 1000 mm
□ 12x12 mm
1,200 kg



09.516.02
H 1000 mm
□ 12x12 mm
1,100 kg



09.516.03
H 1000 mm
□ 12x12 mm
1,200 kg



09.516.04
H 1000 mm
□ 12x12 mm
1,100 kg



09.626
H 950 mm
□ 12x12 mm
1,030 kg



09.628
H 950 mm
□ 12x12 mm
1,030 kg



09.632
H 950 mm
□ 12x12 mm
1,080 kg



09.633
H 950 mm
□ 12x12 mm
1,080 kg



11.002
H 950 mm
□ 14x14 mm
1,450 kg



11.003
H 950 mm
□ 14x14 mm
1,640 kg



11.011.01
H 1000 mm
□ 14x14 mm
1,400 kg



11.011.02
H 1000 mm
□ 14x14 mm
1,640 kg



11.017.01
H 1000 mm
Ø 12 mm
1,050 kg



11.017.02
H 1000 mm
Ø 12 mm
1,250 kg

Balusters

Zierstäbe



11.032

H 1000 mm
□ 14x14 mm
1,800 kg



11.033

H 1000 mm
□ 14x14 mm
1,730 kg



11.036

H 950 mm
□ 14x14 mm
1,670 kg



11.037

H 950 mm
□ 14x14 mm
2,025 kg



11.038

H 1000 mm
□ 14x14 mm
1,780 kg



11.039

H 1000 mm
□ 14x14 mm
1,800 kg



05.429.01

H 900 mm
Ø 30 X 1,5 mm
0,970 kg



05.429.02

H 900 mm
Ø 30 X 1,5 mm
0,930 kg



05.429.03

H 900 mm
Ø 30 X 1,5 mm
0,930 kg



05.429.04

H 900 mm
Ø 30 X 1,5 mm
0,930 kg



07.301.11

H950 x L190mm
Ø 14 mm



07.302.17

H950 x L200mm
Ø 14 mm



07.303.01

H950 x L275mm
Ø 14 mm



07.305.01

H950 x L165mm
Ø 14 mm



07.307.01

H950 x L180mm
Ø 14 mm



07.308.01

H950 x L180mm
Ø 14 mm



07.309.01

H950 x L190mm
Ø 14 mm



07.310.01

H950 x L200mm
Ø 14 mm



07.317.01

H950 x L250mm
Ø 14 mm



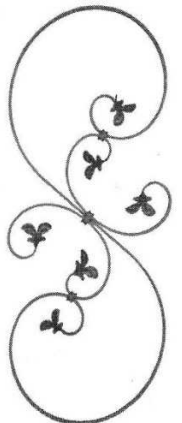
07.301.10

H 760 x
L200mm
□ 16x16 mm



07.302.16

H900 x L270mm
Ø 14 mm
3,420 kg



05.142

H860 x L350mm
|| 12x6 mm
2,300 kg



07.023

H 950 mm
□ 16x16 mm



07.051

H 1000 mm
L 120 mm
Ø 12 mm



07.052

H 1000 mm
L 50 mm
Ø 12 mm



07.053

H 1000 mm
L 50 mm
Ø 12 mm



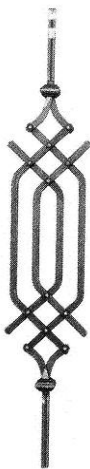
09.154.12

H 1000 mm
2 x Ø 10 mm
2,200 kg



09.154.13

H 1000 mm
2 x Ø 10 mm
2,300 kg



09.100

H 950 mm
L 140 mm
□ 12x12 mm



09.103

H 950 mm
L 185 mm
□ 12x12 mm



09.104

H 950 mm
L 180 mm
□ 12x12 mm



09.105

H 950 mm
L 180 mm
□ 12x12 mm

Balusters

Zierstäbe



10.060
H 950 mm
L 75 mm
□ 16x16 mm



10.061
H 950 mm
L 40 mm
□ 16x16 mm



10.062
H 950 mm
L 115 mm
□ 16x16 mm



10.063
H 950 mm
L 105 mm
□ 16x16 mm



10.064
H 950 mm
L 105 mm
□ 16x16 mm



11.048
H 1200 mm
□ 25x25 mm
5,900 kg



11.053
H 1200 mm
□ 20x20 mm
3,730 kg



11.053.21
H 1200 mm
□ 25x25 mm
5,800 kg



11.053.30
H 1200 mm
∅ 25 mm
5,200 kg



11.054
H 1200 mm
□ 25x25 mm
7,460 kg



11.057
H 1200 mm
□ 25x25 mm
6,740 kg



11.059
H 1200 mm
□ 25x25 mm
5,600 kg



11.061.12
H 1200 mm
□ 25x25 mm



11.070
H 1200 mm
□ 25x25 mm
4,900 kg



11.071
H 1200 mm
□ 25x25 mm
4,900 kg



11.312.05
H 960 mm
18,300 kg



11.312.06
H 960 mm
22,000 kg



12.005
H 3000 mm
|| 40x8 mm
7,500 kg



12.017
H 350 x L 100mm
|| 40x8 mm
1,200 kg



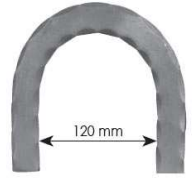
12.018.01
H 300 x L 180mm
|| 40x8 mm
1,900 kg



12.021
H 600 mm
|| 40x8 mm
2,000 kg



12.025
H 300 x L 300mm
|| 40x8 mm
1,500 kg



12.028
H 200 x L 200mm
|| 40x8 mm
1,050 kg

12.301
H 3000 mm
|| 40x6 mm
6,500 kg

12.017/1
H 350 x L 100mm
|| 40x6 mm
1,050 kg

12.018.01/1
H 300 x L 180mm
|| 40x6 mm
1,650 kg

12.021/1
H 600 mm
|| 40x6 mm
1,750 kg

12.025/1
H 300 x L 300mm
|| 40x6 mm
1,300 kg

12.028/1
H 200 x L 200mm
|| 40x6 mm
0,950 kg



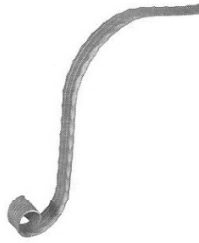
12.029
H 3000 mm
|| 40x6 mm
7,500 kg



12.032
H 350 x L 100mm
|| 40x6 mm
1,050 kg



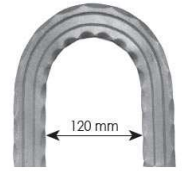
12.032.01
H 300 x L 180mm
|| 40x6 mm
1,650 kg



12.034
H 600 mm
|| 40x6 mm
1,750 kg



12.035
H 300 x L 300mm
|| 40x6 mm
1,300 kg



12.036
H 200 x L 200mm
|| 40x6 mm
0,950 kg



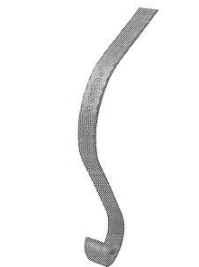
12.038
H 3000 mm
|| 40x8 mm
7,500 kg



12.042.01
H 350 x L 100mm
|| 40x8 mm
1,200 kg



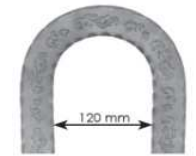
12.040.01
H 300 x L 180mm
|| 40x8 mm
1,900 kg



12.043.01
H 600 mm
|| 40x8 mm
2,000 kg



12.044
H 300 x L 300mm
|| 40x8 mm
1,500 kg



12.041
H 200 x L 200mm
|| 40x8 mm
1,050 kg



12.045
H 3000 mm
|| 40x8 mm
7,500 kg



12.047
H 350 x L 100mm
|| 40x8 mm
1,200 kg



12.046.01
H 300 x L 180mm
|| 40x8 mm
1,900 kg



12.048.01
H 600 mm
|| 40x8 mm
2,000 kg



12.047.01
H 300 x L 300mm
|| 40x8 mm
1,500 kg



12.049
H 200 x L 200mm
|| 40x8 mm
1,050 kg



12.301/20

H 3000 mm
|| 20x6 mm
2,880 kg



12.301/25

H 3000 mm
|| 25x6 mm
3,500 kg



12.301/30

H 3000 mm
|| 30x6 mm
4,200 kg



12.063

H 3000 mm
|| 40x8 mm
5,600 kg



12.072

H 350 x L 100 mm
|| 40x8 mm
1,060 kg



12.078

H 600 mm
|| 40x8 mm
1,600 kg



12.080.02

H 200 x L 200 mm
|| 40x8 mm
1,100 kg



12.067.06

H 300 x L 300 mm
|| 40x8 mm
1,200 kg

12.066

H 3000 mm
|| 50x10 mm
9,200 kg

12.075

H 350 x L 100 mm
|| 50x10 mm
1,700 kg

12.080

H 600 mm
|| 50x10 mm
2,600 kg

12.080.03

H 200 x L 200 mm
|| 50x10 mm
1,800 kg

12.067.09

H 300 x L 300 mm
|| 50x10 mm
1,900 kg



12.084

H 3000 mm
|| 50x14 mm
13,000 kg



12.086.12

H 300 x L 100 mm
|| 50x14 mm
2,500 kg



12.087

H 300 x L 170 mm
|| 50x14 mm
2,200 kg



12.087.04

H 600 mm
|| 50x14 mm
3,650 kg



12.086

H 400 mm
|| 50x14 mm
2,000 kg



12.085.05

H 200 x L 200 mm
|| 50x14 mm
3,000 kg



12.084.05

H 300 x L 300 mm
|| 50x14 mm
2,900 kg

12.084.01

H 3000 mm
|| 40x12 mm
9,000 kg

12.086.13

H 300 x L 100 mm
|| 40x12 mm
1,900 kg

12.087.01

H 300 x L 170 mm
|| 40x12 mm
1,700 kg

12.087.05

H 600 mm
|| 40x12 mm
2,530 kg

12.086.01

H 400 mm
|| 40x12 mm
1,400 kg

12.085.06

H 200 x L 200 mm
|| 40x12 mm
2,000 kg

12.084.06

H 300 x L 300 mm
|| 40x12 mm
2,100 kg



12.096
H 3000 mm
|| 20x10 mm
4,500 kg



12.108.01
H 3000 mm
|| 25x8 mm
1,650 kg



12.108
H 4000 mm
|| 14x4 mm
1,650 kg



12.110
H 4000 mm
|| 18x5 mm
1,920 kg



12.114
H 3000 mm
|| 14x3 mm
0,840 kg



12.118
H 4000 mm
|| 14x4 mm
1,310 kg

12.096.01
H 3000 mm
|| 12x6 mm
1,500 kg

12.108.02
H 3000 mm
|| 30x8 mm
3,900 kg

12.109
H 4000 mm
|| 18x5 mm
2,750 kg

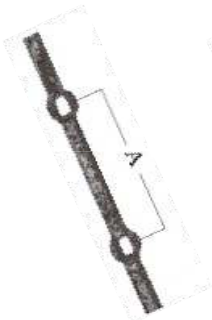
12.111
H 4000 mm
|| 14x4 mm
1,450 kg

12.115
H 3000 mm
|| 16x4 mm
1,260 kg

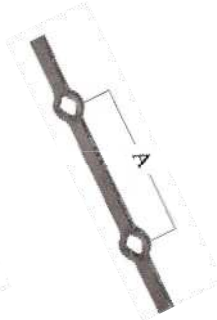
12.119
H 4000 mm
|| 16x5 mm
1,920 kg

12.116
H 3000 mm
|| 20x4 mm
1,570 kg

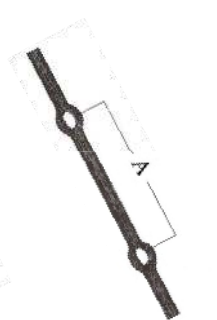
12.120
H 4000 mm
|| 21x6 mm
3,030 kg



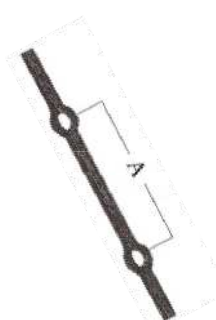
08.001
H 2000 mm
A 140 mm
□ 14x14 mm
14 otworów □
14mm
3,080 kg



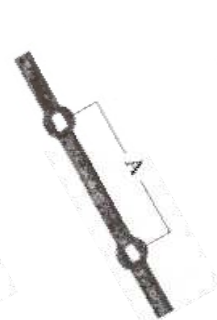
08.013
H 2000 mm
A 140 mm
□ 14x14 mm
14 otworów ◇
14mm
3,080 kg



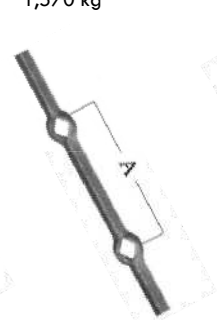
08.023
H 2000 mm
A 140 mm
∅ 14 mm
14 otworów ∅ 14mm
2,420 kg



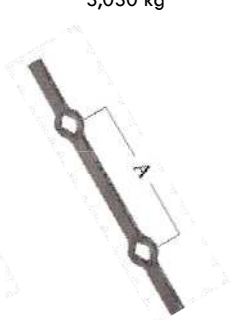
08.115
H 2000 mm
A 125 mm
∅ 14 mm
15 otworów ∅ 14mm
2,420 kg



08.119
H 2000 mm
A 125 mm
□ 14x14 mm
15 otworów □
14mm
3,080 kg



08.123
H 2000 mm
A 125 mm
◇ 14x14 mm
15 otworów ◇
14mm
3,080 kg



08.127
H 2000 mm
A 125 mm
□ 14x14 mm
14 otworów ◇
14mm
3,080 kg



12.176 H 3000 mm □ 14 x 14 mm 4,200 kg



12.177 H 3000 mm □ 16 x 16 mm 5,800 kg

12.178 H 3000 mm □ 20 x 20 mm 8,900 kg



12.175.01 H 3000 mm □ 12 x 12 mm 3,000 kg



12.176.01 H 3000 mm □ 14 x 14 mm 4,200 kg

12.177.01 H 3000 mm □ 16 x 16 mm 5,800 kg

12.178.01 H 3000 mm □ 20 x 20 mm 8,900 kg

12.196.15 H 3000 mm ∅ 8 mm 1,130 kg

12.196.16 H 3000 mm ∅ 10 mm 1,800 kg

12.196.17 H 3000 mm ∅ 12 mm 2,600 kg

12.196.18 H 3000 mm ∅ 14 mm 3,600 kg

12.196.19 H 3000 mm ∅ 16 mm 4,650 kg

12.196.20 H 3000 mm ∅ 20 mm 7,250 kg

12.196.21 H 3000 mm ∅ 24 mm 10,250 kg



12.341

H 3000 mm
|| 32x5 mm
3,650 kg

12.342

H 3000 mm
|| 31x5 mm
2,900 kg

12.343

H 3000 mm
|| 31x5 mm
3,270 kg

12.344

H 3000 mm
|| 31x5 mm
3,200 kg

12.345

H 3000 mm
|| 32x9 mm
3,900 kg

12.346

H 3000 mm
|| 31x9 mm
3,150 kg

12.348

H 3000 mm
|| 32x9 mm
5,900 kg

12.349

H 3000 mm
|| 32x6 mm
3,700 kg



13.008

H 110xL 48 mm
∅ 18 mm
0,180 kg



13.041

H 125xL 60 mm
∅ 13 mm
0,140 kg



13.042

H 155xL 70 mm
∅ 17 mm
0,280 kg



13.045

H 130xL 50 mm
∅ 13 mm
0,130 kg



13.046

H 160xL 65 mm
∅ 17 mm
0,230 kg



13.047

H 200xL 85 mm
∅ 20 mm
0,330 kg



13.048

H 110xL 60 mm
∅ 20 mm
0,120 kg



13.048.01

H 76xL 43 mm
∅ 16 mm
0,064 kg



13.049

H 135xL 70 mm
∅ 26 mm
0,260 kg



13.050

H 130xL 70 mm
∅ 20 mm
0,130 kg



13.052

H 130xL 60 mm
∅ 12 mm
0,160 kg



13.052.02

H 130xL 60 mm
∅ 12 mm
0,180 kg



13.053

H 155xL 70 mm
∅ 16 mm
0,260 kg



13.053.02

H 155xL 70 mm
∅ 16 mm
0,285 kg



13.055

H 80xL 45 mm
∅ 20 mm
0,135 kg



13.056

H 125xL 65 mm
∅ 25 mm
0,360 kg

| | | | |
|------------------|-----------|--------------|-----------|
| 12.237 | H 3000 mm | □ 40 x 40 mm | 8,950 kg |
| 12.239 | H 3000 mm | □ 30 x 30 mm | 6,750 kg |
| 12.243 | H 3000 mm | □ 20 x 20 mm | 3,400 kg |
| 12.245 | H 3000 mm | □ 60 x 40 mm | 13,300 kg |
| 12.249 | H 3000 mm | □ 50 x 30 mm | 8,500 kg |
| 12.250.01 | H 3000 mm | □ 40 x 30 mm | 7,800 kg |
| 12.251 | H 3000 mm | □ 40 x 20 mm | 5,300 kg |
| 12.253 | H 3000 mm | □ 30 x 20 mm | 4,410 kg |

| | | | | |
|------------------|-----------|---------|-------------|-----------|
| 12.305.11 | H 1000 mm | ∅ 38 mm | 6 x ∅ 12 mm | 6,650 kg |
| 12.305.12 | H 2000 mm | ∅ 38 mm | 6 x ∅ 12 mm | 13,300 kg |
| 12.305.13 | H 3000 mm | ∅ 38 mm | 6 x ∅ 12 mm | 19,950 kg |
| 12.305.21 | H 1000 mm | ∅ 47 mm | 8 x ∅ 12 mm | 9,100 kg |
| 12.305.22 | H 2000 mm | ∅ 47 mm | 8 x ∅ 12 mm | 18,200 kg |
| 12.305.23 | H 3000 mm | ∅ 47 mm | 8 x ∅ 12 mm | 27,300 kg |
| 12.305.31 | H 1000 mm | ∅ 25 mm | 6 x ∅ 8 mm | 2,860 kg |
| 12.305.32 | H 2000 mm | ∅ 25 mm | 6 x ∅ 8 mm | 5,720 kg |
| 12.305.33 | H 3000 mm | ∅ 25 mm | 6 x ∅ 8 mm | 8,580 kg |
| 12.305.41 | H 1000 mm | ∅ 30 mm | 6 x ∅ 10 mm | 4,720 kg |
| 12.305.42 | H 2000 mm | ∅ 30 mm | 6 x ∅ 10 mm | 9,440 kg |
| 12.305.43 | H 3000 mm | ∅ 30 mm | 6 x ∅ 10 mm | 14,160 kg |



13.058
H 125xL 55 mm
Ø 20 mm
0,170 kg



13.059
H 135xL 65 mm
Ø 25 mm
0,230 kg



13.060
H 115xL 60 mm
Ø 20 mm
0,148 kg



13.060.01
H 78xL 43 mm
Ø 16 mm
0,083 kg



13.060.02
H 115xL 60 mm
Ø 20 mm
0,170 kg



13.061
H 140xL 70 mm
Ø 26 mm
0,260 kg



13.061.02
H 140xL 70 mm
Ø 26 mm
0,280 kg



13.064.01
H 120xL 55 mm
Ø 14 mm
0,260 kg



13.064.02
H 100xL 45 mm
Ø 12 mm
0,130 kg



13.065
H 120xL 42 mm
□ 12 mm
0,180 kg



13.067
H 150xL 40 mm
□ 12 mm
0,187 kg



13.071
H 125xL 40 mm
Ø 25 mm
0,160 kg



13.071.01
H 95xL 30 mm
Ø 20 mm
0,096 kg



13.072
H 135xL 40 mm
Ø 25 mm
0,170 kg



13.072.01
H 95xL 33 mm
Ø 20 mm
0,099 kg



13.073
H 160xL 50 mm
Ø 30 mm
0,320 kg



13.077
H 125xL 60 mm
Ø 32 mm
0,250 kg



13.077.01
H 110xL 50 mm
Ø 25 mm
0,160 kg



13.077.02
H 110xL 50 mm
Ø 25 mm
0,162 kg



13.078
H 140xL 60 mm
□ 12 mm
0,255 kg



13.079.01
H 100xL 50 mm
|| 16x12 mm
0,140 kg



13.080
H 155xL 65 mm
Ø 16 mm
0,270 kg



13.080.02
H 145xL 58 mm
Ø 28 mm
0,280 kg



13.080.03
H 125xL 50 mm
Ø 25 mm
0,215 kg



13.089
H 160xL 25 mm
□ 25 mm
0,330 kg



13.092.01
H 82xL 20 mm
□ 15 mm
0,103 kg



13.092
H 125xL 30 mm
□ 20 mm
0,220 kg



13.093
H 160xL 40 mm
□ 32 mm
0,620 kg



13.094
H 190xL 50 mm
□ 40 mm
1,130 kg



13.095
H 95xL 27 mm
□ 12 mm
0,180 kg



13.097
H 60xL 30 mm
□ 24 mm
0,200 kg



13.098.01
H 150xL 40 mm
Ø 33 mm
0,400 kg



13.098.02
H 120xL 35 mm
Ø 30 mm
0,220 kg



13.098.03
H 88xL 28 mm
Ø 24 mm
0,115 kg



13.099.01
H 120xL 65 mm
□ 25 mm
0,230 kg



13.099.02
H 155xL 90 mm
□ 30 mm
0,700 kg



13.100
H 160xL 90 mm
Ø 16 mm
0,303 kg



13.102
H 140xL 50 mm
Ø 13 mm
0,160 kg



13.103.01
H 180xL 56 mm
Ø 14 mm
0,233 kg



13.103.02
H 155xL 60 mm
□ 14 - 18 mm
0,310 kg



13.103.03
H 150xL 65 mm
Ø 16 mm
0,300 kg



13.103.04
H 165xL 60 mm
Ø 24 mm
0,300 kg



13.103.05
H 150xL 55 mm
Ø 15 mm
0,280 kg



13.107
H 145xL 80 mm
□ 15 mm
0,230 kg



13.110
H 235xL 80 mm
Ø 50 mm
0,850 kg



13.111.01
H 210 mm
Ø 32 mm
1,090 kg



13.115
H 180xL 60 mm
Ø 29 mm
0,285 kg



13.115
H 180xL 60 mm
Ø 29 mm
0,285 kg



13.117
H 180xL 60 mm
Ø 29 mm
0,285 kg



13.118
H 205xL 65 mm
Ø 35 mm
0,535 kg



13.127
H 130xL 33 mm
Ø 30 mm
0,380 kg



13.128
H 135xL 30 mm
□ 30 mm
0,395 kg



13.132/1
H 170xL 30 mm
□ 12 mm
0,150 kg



13.135
H 92 mm
Ø 15 mm
0,100 kg



13.135.01
H 119 mm
Ø 19 mm
0,160 kg



13.218.01
H 57xL 38 mm
□ 16 mm
0,190 kg



13.170
H 200 mm
□ 12 mm
0,187 kg



13.171
H 200 mm
□ 14 mm
0,268 kg



13.222.07
H 250 mm
□ 12 mm
0,240 kg



13.222.08
H 250 mm
□ 14 mm
0,310 kg



13.407.01
H 142 mm
□ 26 mm
0,320 kg



13.407.02
H 112 mm
□ 20 mm
0,160 kg



13.407.03
H 87 mm
□ 16 mm
0,080 kg



13.410.01
H 152 mm
Ø 26 mm
0,310 kg



13.410.02
H 180 mm
Ø 43 mm
0,600 kg



13.411
H 120 mm
□ 12 mm
0,100 kg



13.411.01
H 120 mm
□ 12 mm
0,090 kg



13.414
H 92 mm
Ø 12 mm
0,360 kg



13.416
H 132 mm
Ø 16 mm
0,300 kg



13.419
H 155 mm
Ø 24 mm
0,360 kg



13.421.01
H 148 mm
□ 20 mm
0,480 kg



13.421.02
H 142 mm
□ 16 mm
0,340 kg



13.421.03
H 107 mm
□ 16 mm
0,200 kg



13.439
H 111 mm
Ø 14 mm
0,190 kg



13.450
H 107 mm
Ø 28 mm
0,200 kg



13.450.01
H 107 mm
Ø 28 mm
0,220 kg



13.451
H 100 mm
Ø 16 mm
0,280 kg

























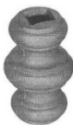
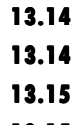
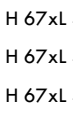





















13.451.01
H 100 mm
Ø 16 mm
0,300 kg



13.454.01
H 214 mm
□ 18 mm
0,680 kg

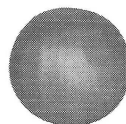
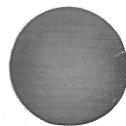


13.454.02
H 167 mm
□ 18 mm
0,450 kg

| | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |
| 13.186 H 90 mm L 30 mm Ø 12-14 mm 0,260 kg | 13.186.01 H 140 mm L 35 mm □ 20 mm 0,850 kg | 13.186.02 H 140 mm L 30 mm □ 16 mm 0,580 kg | 13.186.03 H 140 mm L 26 mm □ 12 mm 0,380 kg | 13.186.04 H 140 mm L 33 mm Ø 16-18 mm 0,575 kg | 13.186.05 H 140 mm L 28 mm Ø 12-14 mm 0,385 kg | 13.186.06 H 90 mm L 30 mm Ø 12-14 mm 0,260 kg | 13.186.07 H 90 mm L 30 mm □ 10-12 mm 0,260 kg | 13.186.08 H 90 mm L 35 mm □ 14-16 mm 0,380 kg | 13.186.09 H 130 mm L 25 mm □ 14 mm 0,380 kg |
|  |  |  |  |  |  |  |  |  |  |
| 13.186.10 H 140 mm L 24 mm Ø 12 mm 0,360 kg | 13.186.11 H 160 mm L 25 mm □ 12 mm 0,360 kg | 13.186.12 H 80 mm L 35 mm □ 14 mm 0,330 kg | 13.606 H 70 mm □ 14,5 mm 13.611 H 70 mm Ø 14,5 mm | 13.607 H 130 mm □ 14,5 mm 13.612 H 130 mm Ø 14,5 mm | 13.615 H 75 mm □ 16 mm | 13.616 H 148 mm □ 16 mm | 13.617 H 75 mm Ø 16 mm | 13.618 H 128 mm Ø 16 mm | 13.517 H 230 mm L 210 mm Ø 60 mm 5,600 kg |
|  |  |  |  |  |  |  |  |  | |
| 13.134 H 67xL 40 mm bez otw. 0,320 kg | 13.142 H 67xL 40 mm □ 12,5 mm 0,210 kg | 13.147 H 67xL 45 mm Ø 14,5 mm 0,400 kg | 13.152 H 67xL 45 mm □ 14,5 mm 0,275 kg | 13.153 H 67xL 45 mm □ 16,5 mm 0,240 kg | 13.214 H 90 mm Ø 40 mm 0,600 kg | 13.217 H 90 mm Ø 50 mm 0,820 kg | 13.217.01 H 150 mm Ø 75 mm 3,060 kg | 13.218 H 180 mm Ø 100 mm 6,350 kg | |
|  |  |  |  |  |  |  |  |  | |
| 13.168 H 22xL 40 mm Ø 14,5 mm 0,140 kg | 13.169 H 22xL 40 mm □ 14,5 mm 0,115 kg | 13.169.01 H 22xL 40 mm □ 16,5 mm 0,100 kg | 13.169.02 H 22xL 40 mm □ 12,5 mm 0,120 kg | 13.169.03 H 22xL 33 mm □ 12,5 mm 0,100 kg | 13.219 H 80 mm Ø 28 mm 0,410 kg | 13.220 H 100 mm Ø 50 mm 0,900 kg | 13.227 H 130 mm Ø 75 mm 1,960 kg | 13.229 H 120 mm Ø 75 mm 1,890 kg | |
|  |  |  |  |  |  |  |  | | |
| 13.235.01 H 60 mm □ 25 mm 0,150 kg | 13.235.02 H 85 mm □ 40 mm 0,540 kg | 13.235.03 H 125 mm □ 60 mm 1,680 kg | 13.235.06 H 60 mm Ø 27 mm 0,160 kg | 13.235.07 H 85 mm Ø 42 mm 0,550 kg | 13.236 H 45 mm Ø 30 mm 0,147 kg | 13.238 H 70 mm Ø 55 mm 1,015 kg | 13.234 H 95 mm Ø 52 mm | | |

KULE PEŁNE GŁADKIE

| | | |
|---------------|---------|----------|
| 13.240 | ∅ 15 mm | 0,017 kg |
| 13.241 | ∅ 20 mm | 0,032 kg |
| 13.242 | ∅ 25 mm | 0,064 kg |
| 13.243 | ∅ 30 mm | 0,116 kg |
| 13.244 | ∅ 35 mm | 0,186 kg |
| 13.245 | ∅ 40 mm | 0,260 kg |
| 13.246 | ∅ 50 mm | 0,510 kg |



KULE PEŁNE KUTE

| | | |
|---------------|---------|----------|
| 13.258 | ∅ 20 mm | 0,032 kg |
| 13.259 | ∅ 25 mm | 0,064 kg |
| 13.260 | ∅ 30 mm | 0,111 kg |
| 13.261 | ∅ 35 mm | 0,220 kg |
| 13.262 | ∅ 40 mm | 0,363 kg |
| 13.263 | ∅ 50 mm | 0,514 kg |
| 13.264 | ∅ 60 mm | 0,888 kg |

KULE PUSTE GŁADKIE

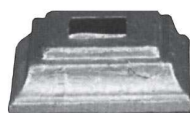
| | | |
|-------------------|----------|----------|
| 13.251.15 | ∅ 15 mm | 0,004 kg |
| 13.251.20 | ∅ 20 mm | 0,009 kg |
| 13.251.25 | ∅ 25 mm | 0,019 kg |
| 13.251.30 | ∅ 30 mm | 0,032 kg |
| 13.251.40 | ∅ 40 mm | 0,062 kg |
| 13.251.50 | ∅ 50 mm | 0,090 kg |
| 13.251.60 | ∅ 60 mm | 0,125 kg |
| 13.251.70 | ∅ 70 mm | 0,175 kg |
| 13.251.80 | ∅ 80 mm | 0,245 kg |
| 13.251.90 | ∅ 90 mm | 0,350 kg |
| 13.251.100 | ∅ 100 mm | 0,400 kg |
| 13.251.120 | ∅ 120 mm | 0,725 kg |
| 13.251.150 | ∅ 150 mm | 1,100 kg |



KULE PEŁNE W PASKI

| | | |
|------------------|---------|----------|
| 13.450.22 | ∅ 22 mm | 0,004 kg |
| 13.450.32 | ∅ 32 mm | 0,032 kg |
| 13.450.40 | ∅ 40 mm | 0,062 kg |
| 13.450.50 | ∅ 50 mm | 0,090 kg |

| | | | |
|---------------|------------|-----------|----------|
| 13.319 | 80 x 80 mm | □ 30,5 mm | 0,280 kg |
| 13.320 | 80 x 80 mm | □ 35,5 mm | 0,280 kg |
| 13.321 | 80 x 80 mm | □ 40,5 mm | 0,280 kg |
| 13.322 | 60 x 60 mm | □ 25,5 mm | 0,200 kg |
| 13.323 | 60 x 60 mm | □ 30,5 mm | 0,180 kg |
| 13.326 | 50 x 50 mm | □ 20,5 mm | 0,125 kg |
| 13.327 | 40 x 40 mm | □ 12,5 mm | 0,080 kg |
| 13.328 | 40 x 40 mm | □ 14,5 mm | 0,078 kg |
| 13.329 | 40 x 40 mm | □ 16,5 mm | 0,076 kg |



| | | | |
|------------------|------------|------------|----------|
| 13.435.20 | 75 x 75 mm | □ 20,5 mm | 0,280 kg |
| 13.435.25 | 75 x 75 mm | □ 25,5 mm | 0,280 kg |
| 13.435.30 | 75 x 75 mm | □ 30,5 mm | 0,280 kg |
| 13.435.40 | 75 x 75 mm | □ 40,5 mm | 0,280 kg |
| 13.435.42 | 75 x 75 mm | 40 x 20 mm | 0,280 kg |
| 13.436.12 | 50 x 50 mm | □ 12,5 mm | 0,280 kg |
| 13.436.14 | 50 x 50 mm | □ 14,5 mm | 0,280 kg |
| 13.436.16 | 50 x 50 mm | □ 16,5 mm | 0,280 kg |
| 13.436.20 | 50 x 50 mm | □ 20,5 mm | 0,280 kg |



13.303
H 90 x L 90 mm
□ 26 mm
gr. 8 mm
0,450 kg

13.305
H 70 x L 70 mm
□ 21 mm
gr. 8 mm
0,278 kg

13.306
H 50 x L 50 mm
□ 12 mm
gr. 6 mm
0,105 kg

13.310.01
H120 x L50 mm
gr. 4 mm
0,100 kg

13.310.02
H145 x L60 mm
gr. 4 mm
0,160 kg

13.310.03
H200 x L85 mm
gr. 4 mm
0,310 kg

13.310.05
H250 x L130mm
gr. 4 mm
0,580 kg

13.200
H155 x L70 mm
gr. 4 mm
0,190 kg



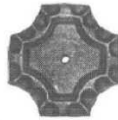
13.311
H100 x L100mm
gr. 10 mm
0,465 kg



13.312
H100 x L100mm
□ 25,5 mm
gr. 10 mm
0,415 kg



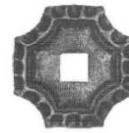
13.313
H100 x L100mm
□ 30,5 mm
gr. 10 mm
0,430 kg



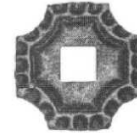
13.313.12
H 75 x L 75 mm
gr. 5 mm
0,150 kg



13.315.12
H 65 x L 65 mm
□ 12,5 mm
gr. 5 mm
0,100 kg



13.316.16
H 75 x L 75 mm
□ 16,5 mm
gr. 5 mm
0,160 kg



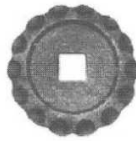
13.316.20
H 75 x L 75 mm
□ 20,5 mm
gr. 5 mm
0,150 kg



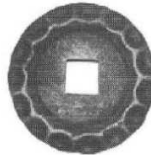
13.316.25
H 75 x L 75 mm
□ 25,5 mm
gr. 5 mm
0,140 kg



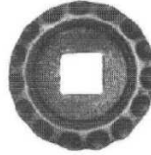
13.313.14
Ø 75 mm
gr. 5 mm
0,160 kg



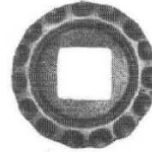
13.317.12
Ø 65 mm
□ 12,5 mm
gr. 5 mm
0,100 kg



13.318.16
Ø 75 mm
□ 16,5 mm
gr. 5 mm
0,140 kg



13.318.20
Ø 75 mm
□ 20,5 mm
gr. 5 mm
0,130 kg



13.318.25
Ø 75 mm
□ 25,5 mm
gr. 5 mm
0,120 kg



13.332
H 60 x L 60 mm
gr. 5 mm
0,580 kg



13.333/1
Ø 65 mm
gr. 4 mm
0,060 kg



13.333/2
Ø 90 mm
gr. 4 mm
0,125 kg



13.333
Ø 80 mm
gr. 2,5 mm
0,230 kg



13.334
Ø 60 mm
gr. 2,5 mm
0,140 kg



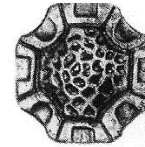
13.336
Ø 40 mm
gr. 2,5 mm
0,050 kg



13.417
H 65 x L 65 mm
gr. 4 mm



13.418
H 65 x L 65 mm
□ 13 mm
gr. 4 mm



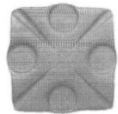
13.420
H100 x L100mm
gr. 4 mm



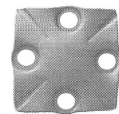
13.422
H100 x L100mm
□ 26 mm
gr. 4 mm



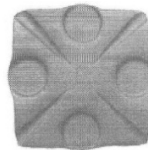
13.440
H 60 x L 60 mm
gr. 8 mm
0,150 kg



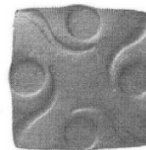
13.432.01
H 80 x L 80 mm
gr. 7 mm
0,350 kg



13.432.03
H 80 x L 80 mm
gr. 7 mm
0,350 kg



13.432.02
H120 x L120mm
gr. 7 mm
0,770 kg



13.433.02
H120 x L120mm
gr. 7 mm
0,770 kg



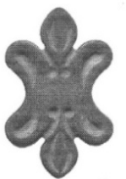
13.434
H120 x L120mm
gr. 7 mm
0,780 kg



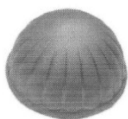
14.441
Ø 105 mm
gr. 5 mm
0,330 kg



14.442
Ø 74 mm
gr. 6 mm
0,230 kg



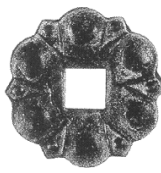
13.550
H160 x L102 mm
gr. 6 mm
0,430 kg



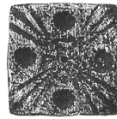
14.450
Ø 85 mm
0,100 kg
14.451
Ø 60 mm
0,070 kg



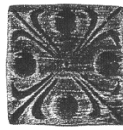
14.534
Ø 110 mm
gr. 4 mm



14.536
Ø 110 mm
□ 26 mm
gr. 4 mm



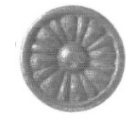
14.540
H 60 x L 60 mm
gr. 4 mm



14.543
H 80 x L 80 mm
gr. 4 mm



14.563.01
Ø 64 mm
gr. 6 mm
0,200 kg



14.563.02
Ø 46 mm
gr. 5 mm
0,160 kg



13.566
H 44 x L 44 mm
gr. 2,5 mm
0,025 kg



14.001
Ø 95 mm
gr. 5 mm
0,335 kg



14.003
Ø 95 mm
gr. 5 mm
0,280 kg



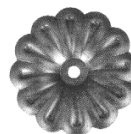
14.004
Ø 62 mm
gr. 4 mm
0,145 kg



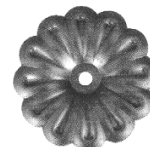
14.005.06
Ø 60 mm
gr. 3 mm
0,080 kg



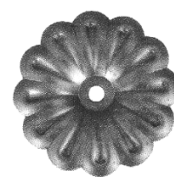
14.005.07
Ø 90 mm
gr. 3 mm
0,170 kg



14.010
Ø 68 mm
gr. 1,5 mm
0,030 kg



14.011
Ø 97 mm
gr. 1,5 mm
0,085 kg



14.012
Ø 120 mm
gr. 1,5 mm
0,140 kg



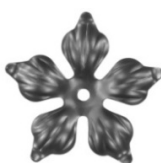
14.013
Ø 95 mm
gr. 2,5 mm



14.014
Ø 60 mm
gr. 3 mm
0,080 kg



14.015
Ø 95 mm
gr. 3 mm
0,160 kg



14.021
Ø 90 mm
gr. 2 mm
0,050 kg



14.021.01
Ø 135 mm
gr. 2 mm
0,140 kg



14.022
Ø 86 mm
gr. 2 mm
0,050 kg



14.024
H 40 mm
Ø 40 mm
gr. 0,5 mm
0,018 kg



14.025
H 35 mm
Ø 55 mm
gr. 0,5 mm
0,019 kg



14.026
H 30 mm
Ø 65 mm
gr. 0,5 mm
0,021 kg



14.027.01
Ø 60 mm
gr. 3 mm
0,036 kg



14.027
H 70 mm
Ø 90 mm
gr. 0,6 mm
0,035 kg



14.030
H 42 mm
Ø 40 mm
gr. 0,6 mm
0,016 kg



14.035.02
H 43 mm
Ø 35 mm
gr. 1,5 mm
0,040 kg



14.035.03
H 48 mm
Ø 60 mm
gr. 1,5 mm
0,120 kg



14.035.12
H 45 mm
Ø 45 mm
gr. 1,5 mm
0,080 kg



14.037
H 85 x L 45 mm
gr. 0,5 mm
0,010 kg



14.038
H 70 x L 35 mm
gr. 0,5 mm
0,006 kg



14.038.01
H 60 x L 28 mm
gr. 0,5 mm
0,004 kg



14.039.04
H200 x L140mm
1,220 kg



14.039.05
H150 x L100mm
0,720 kg



14.039.10
H155 x L110mm
0,360 kg



14.039.11
H135 x L85mm
0,210 kg



14.039.14
H125 x L75mm
0,138 kg



14.040
H 57 x L 55 mm
gr. 0,6 mm
0,006 kg



14.041
H 75 x L 70 mm
gr. 0,6 mm
0,010 kg



14.042
H105 x L 95 mm
gr. 1 mm
0,039 kg



14.059
H 155 x L 60mm
gr. 3 mm
0,110 kg



14.060
H 155 x L 60mm
gr. 3 mm
0,110 kg



14.061
H 110 x L 40mm
gr. 3 mm
0,065 kg



14.062
H 110 x L 40mm
gr. 3 mm
0,065 kg



14.063
H 90 x L 30 mm
gr. 3 mm
0,036 kg



14.064
H 90 x L 30 mm
gr. 3 mm
0,036 kg



14.069

H 80 x L 60 mm
gr. 3 mm
0,060 kg



14.070

H 80 x L 60 mm
gr. 3 mm
0,060 kg



14.073

H 55 x L 70 mm
gr. 3 mm
0,046 kg



14.074

H 55 x L 70 mm
gr. 3 mm
0,046 kg



14.077

H 110 x L 75 mm
gr. 3 mm
0,089 kg



14.078

H 110 x L 75 mm
gr. 3 mm
0,089 kg



14.078.04

H 280 x L 50 mm
0,180 kg



14.081

H 65 x L 70 mm
gr. 3 mm
0,180 kg



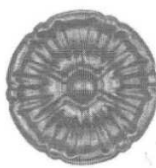
14.083.02

Ø 90 mm
gr. 8 mm
0,200 kg



14.083.03

Ø 55 mm
gr. 8 mm
0,081 kg



14.083.05

Ø 120 mm
0,925 kg



14.083.06

Ø 90 mm
0,475 kg



14.083.07

Ø 50 mm
0,150 kg



14.085.01

H 150 x L 40 mm
0,130 kg



14.085

H 330 x L 260 mm
1,300 kg



14.086

H 190 x L 125 mm
0,400 kg



14.087

H 130 x L 75 mm
0,110 kg



14.087.06

H 90 x L 55 mm
gr. 4 mm
0,100 kg



14.087.08

H 225 x L 60 mm
gr. 4 mm
0,280 kg



14.087.13

H 140 x L 110 mm
0,240 kg



14.087.14

H 140 x L 110 mm
0,240 kg



14.087.15

H 190 x L 160 mm
0,400 kg



14.087.16

H 190 x L 160 mm
0,400 kg



14.087.17

H 155 x L 140 mm
0,280 kg



14.087.18

H 155 x L 140 mm
0,280 kg



14.087.19

H 250 x L 150 mm
0,460 kg



14.087.20

H 250 x L 150 mm
0,460 kg



14.087.21

H 220 x L 105 mm
0,290 kg



14.087.22

H 220 x L 105 mm
0,290 kg



14.087.23

H 180 x L 85 mm
0,230 kg



14.087.24

H 180 x L 85 mm
0,230 kg



14.087.25

H 180 x L 115 mm
0,250 kg



14.087.26

H 180 x L 115 mm
0,250 kg



14.087.27

H 234 x L 104 mm
0,320 kg



14.087.27/1

H 250 x L 130 mm
0,670 kg



14.087.28

H 230 x L 129 mm
0,300 kg



14.087.29

H 230 x L 129 mm
0,300 kg



14.087.30

H 160 x L 160 mm
0,310 kg



14.087.31

H 90 x L 60 mm
0,225 kg



14.087.32
Ø 90 mm
0,120 kg



14.087.33
Ø 90 mm
0,150 kg



14.087.34
Ø 135 mm
0,380 kg



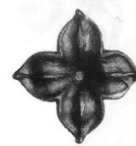
14.087.35
H 85 x L 85 mm
0,120 kg



14.087.36
Ø 100 mm
0,200 kg



14.087.37
H125 x L110mm
0,385 kg



14.087.39
H 70 x L 70 mm
0,090 kg



14.087.40
H 107 x L 46mm
0,070 kg



14.087.40
H107 x L 47 mm
0,070 kg



14.087.41
H215 x L140mm



14.087.42
H220 x L180mm



14.087.43
H155 x L 90 mm
0,330 kg



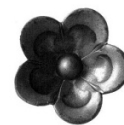
14.087.46
H155 x L 90 mm
0,110 kg



14.087.47
H155 x L 90 mm
0,155 kg



14.087.48
H155 x L 90 mm
0,210 kg



14.087.51
Ø 50 mm
0,045 kg



14.087.51/1
Ø 46 mm
0,042 kg



14.087.51/2
Ø 46 mm
0,022 kg



14.087.51/3
Ø 46 mm
0,031 kg



14.087.52
H100 x L 72 mm
0,100kg



14.241.13
H125 x L 52 mm
0,120 kg



14.241.14
H125 x L 52 mm
0,120 kg



14.242.07
H225 x L130mm
0,650 kg



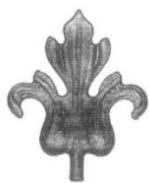
14.242.08
H225 x L130mm
0,650 kg



14.243.17
Ø 70 mm
0,110 kg



14.243.18
Ø 90 mm
0,300 kg



14.291.05
H135 x L110mm
Ø 14 mm
0,440 kg



14.292.12
H115 x L105mm
0,190 kg



14.292.13
H115 x L105mm
0,190 kg



14.292.14
H175 x L110mm
0,370 kg



14.292.15
H175 x L110mm
0,370 kg



14.301.01
H 450 mm
L 160 mm
0,540 kg



14.301.02
H 240 mm
L 140 mm
0,220 kg



14.301.03
H 70 x L 50 mm
gr. 2 mm
0,040 kg



14.301.04
H 50 x L 40 mm
gr. 2 mm
0,020 kg



14.301.08
H 210 mm
L 105 mm
0,140 kg



14.301.11
H 75 x L 50 mm
gr. 2 mm
0,045 kg



14.301.12
H 75 x L 50 mm
gr. 2 mm
0,045 kg



14.301.13
H 55 x L 40 mm
gr. 2 mm
0,020 kg



14.301.14
H 55 x L 40 mm
gr. 2 mm
0,020 kg



14.301.21

H 70 x L 60 mm
0,400 kg



14.301.22

H 40 x L 45 mm
0,160 kg



14.301.28

H 40 x L 30 mm
0,100 kg



14.302.04

H150 x L140mm
gr. 2,5 mm
0,260 kg



14.302.05

H125 x L115mm
gr. 2 mm
0,140 kg



14.302.06

H95 x L90mm
gr. 2 mm
0,080 kg



14.302.07

H75 x L70mm
gr. 1,5 mm
0,040 kg



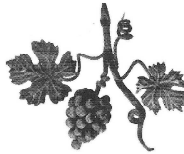
14.302.08

H450 x L380mm
5,240 kg



14.302.09

H450 x L380mm
5,240 kg



14.302.10

H250 x L310mm
1,880 kg



14.302.11

H250 x L310mm
1,880 kg



14.302.13

H 70 mm
0,080 kg



14.303.01

Ø 120 mm
gr. 3 mm
0,180 kg



14.303.02

Ø 90 mm
gr. 3 mm
0,120 kg



14.303.03

Ø 65 mm
gr. 3 mm
0,060 kg



14.303.04

H115 x L115mm
0,060 kg



14.303.05

H 70 x L 70mm
0,040 kg



14.303.06

H 45 x L 45mm
0,020 kg



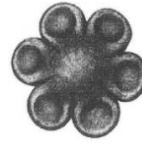
14.303.09

Ø 115 mm
gr. 4 mm
0,320 kg



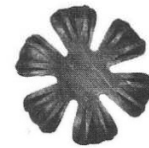
14.303.10

Ø 115 mm
gr. 4 mm
0,320 kg



14.303.14

H 95 mm
gr. 5 mm
0,190 kg



14.303.17

H 110 mm
gr. 5 mm
0,210 kg



14.303.18

H 120 mm
gr. 5 mm
0,340 kg



14.303.21

H 410 mm
L 165 mm
0,665 kg



14.303.22

H 275 mm
L 105 mm
0,165 kg



14.303.23

H250 x L45 mm
gr. 2 mm
0,135 kg



14.303.24

H160 x L110mm
gr. 2 mm
0,135 kg



14.304.01

H 90 x L 55mm
0,100 kg



14.304.02

H 90 x L 55mm
0,100 kg



14.304.03

H 85 x L 85mm
0,140 kg



14.304.04

H 85 x L 85mm
0,140 kg



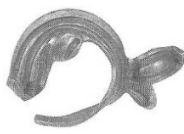
14.304.05

H110 x L70mm
0,150 kg



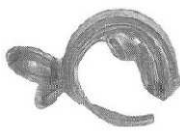
14.304.06

H110 x L70mm
0,150 kg



14.304.07

H140 x L105mm
0,310 kg



14.304.08

H140 x L105mm
0,310 kg



14.304.11

H110 x L85mm
0,120 kg



14.304.12

H110 x L85mm
0,120 kg



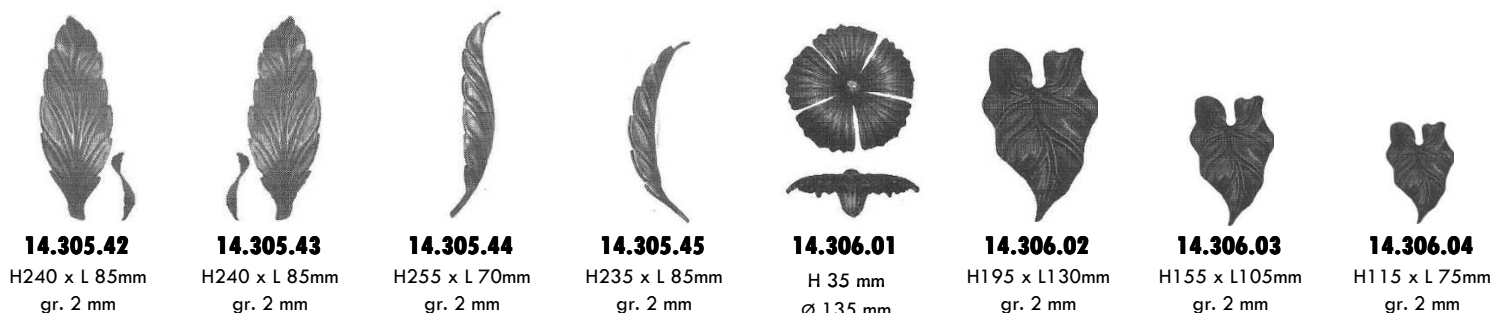
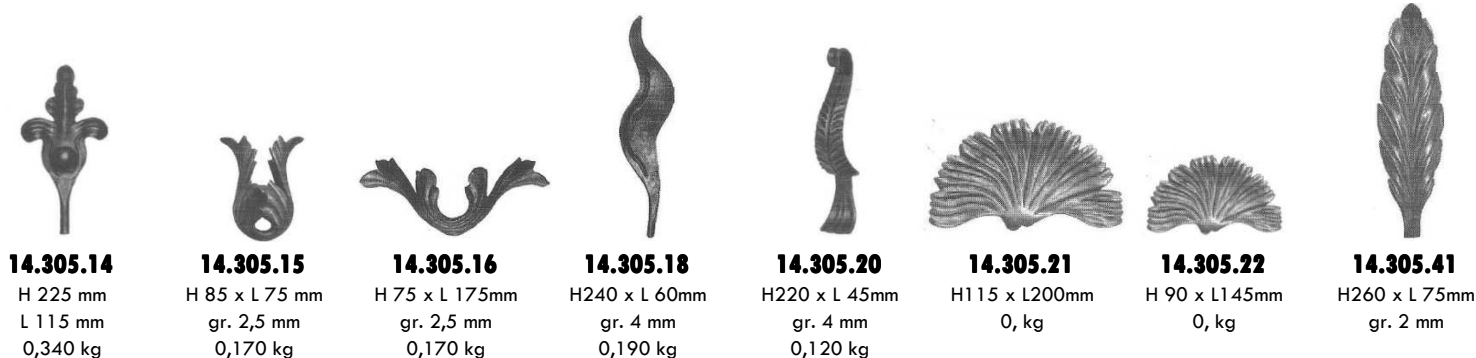
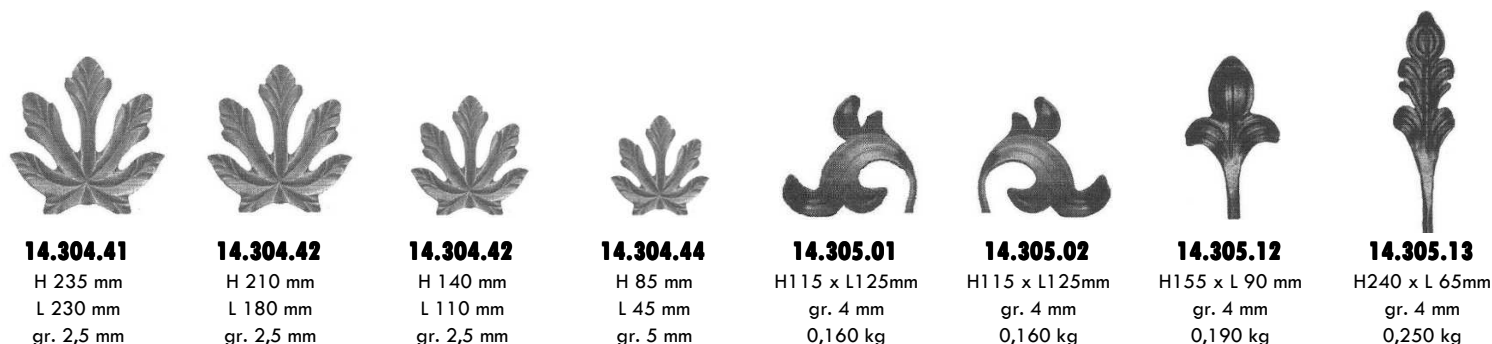
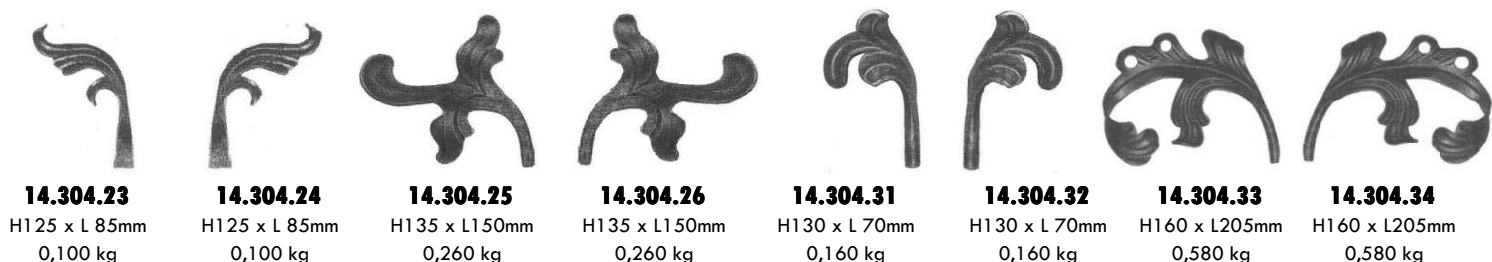
14.304.13

H 90 x L100mm
0,130 kg



14.304.14

H 90 x L100mm
0,130 kg





14.307.01
H170 x L95 mm
gr. 2 mm
0,160 kg



14.307.02
H140 x L75 mm
gr. 2 mm
0,100 kg



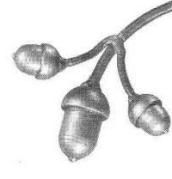
14.307.03
H100 x L55 mm
gr. 1,5 mm
0,040 kg



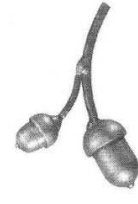
14.307.04
H 35 mm
0,080 kg



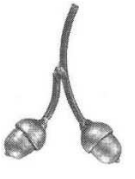
14.307.05
H 28 mm
0,040 kg



14.307.06
L 85 mm
0,200 kg



14.307.07
L 65 mm
0,160 kg



14.307.08
L 60 mm
0,120 kg



14.308.01
H130 x L45 mm
gr. 3 mm
0,080 kg



14.308.02
H115 x L45 mm
gr. 3 mm
0,060 kg



14.308.03
H 95 x L 30 mm
gr. 3 mm
0,040 kg



14.308.07
H340 x L210
mm
0,800 kg



14.308.08
H340 x L210
mm
0,800 kg



14.308.09
H330 x L150
mm
0,480 kg



14.308.10
H330 x L150
mm
0,480 kg



14.308.11
H330 x L165mm
0,380 kg



14.308.11
H330 x L165mm
0,380 kg



14.309.01
H 225 mm
L 60 mm



14.309.02
H 210 mm
L 135 mm



14.309.03
H 210 mm
L 135 mm



14.309.04
H 210 mm
L 75 mm



14.309.05
H 200 mm
L 110 mm



14.309.06
H 200 mm
L 110 mm



14.309.08
H500
gr. 2 mm



14.309.09
H 305
gr. 2 mm



14.310.01
H 55 mm
Ø 115 mm
0,560 kg



14.310.02
H 40 mm
Ø 90 mm
0,360 kg



14.310.03
H145 x L90 mm
gr. 4 mm
0,260 kg



14.310.04
H115 x L70 mm
gr. 4 mm
0,160 kg



14.310.05
H 85 x L 50 mm
gr. 4 mm
0,080 kg



14.314.01
H 230 mm
L 240 mm
gr. 3 mm
0,920 kg



14.314.02
H 210 mm
L 210 mm
gr. 3 mm
0,760 kg



14.314.03
H 185 mm
L 175 mm
gr. 3 mm
0,580 kg



14.314.04
H 160 mm
L 150 mm
gr. 3 mm
0,500 kg



14.314.05
Ø 40 mm
0,100 kg



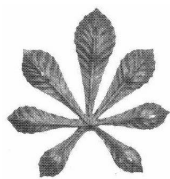
14.314.06
Ø 40 mm
0,140 kg



14.314.07
H 70 x 60 mm
0,060 kg



14.314.08
H140 x110 mm
0,160 kg



14.314.11
H 260
gr. 3 mm



14.314.12
H 220
gr. 3 mm



14.314.13
H 195
gr. 3 mm



14.314.14
H 160
gr. 3 mm



14.315.01
H115 x L195mm
0,780 kg
14.315.10
H 85 x L140 mm
0,480 kg



14.315.02
H125 x L140mm
0,780 kg
14.315.11
H 90 x L100 mm
0,480 kg



14.315.03
H130 x L 50 mm
0,380 kg
14.315.12
H100 x L 40 mm
0,240 kg



14.315.07
L 135 mm
2,120 kg



14.315.04
H115 x L 45mm
gr. 3 mm
0,110 kg



14.315.05
H 85 x L 40 mm
gr. 3 mm
0,080 kg



14.315.06
H 65 x L 45 mm
gr. 3 mm
0,050 kg



14.317.01
H110 x L130mm
gr. 2,5 mm
0,160 kg



14.317.02
H 95 x L110mm
gr. 2,5 mm
0,100 kg



14.317.03
H 60 x L 70mm
gr. 2,5 mm
0,040 kg



14.317.04
H 70 mm
0,400 kg



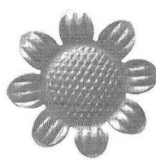
14.317.05
H 55 mm
0,240 kg



14.501.01
H160 x L 85 mm
0,120 kg



14.501.02
H160 x L 85 mm
0,120 kg



14.556
ø 135 mm
0,170 kg



14.565
ø 52 mm
H 33 mm
0,040 kg



14.692.08
H330 x L100mm
gr. 4 mm
0,975 kg



14.692.09
H180 x L 50mm
gr. 4 mm
0,290 kg



14.619
H 270 mm
L 145 mm
gr. 2 mm



14.620
H 270 mm
L 145 mm
gr. 2 mm



14.621
H 200 mm
L 95 mm
gr. 2 mm



14.622
H 200 mm
L 95 mm
gr. 2 mm



14.623
H 295 mm
L 175 mm
gr. 2 mm



14.624
H 295 mm
L 175 mm
gr. 2 mm



14.625
H 230 mm
L 135 mm
gr. 2 mm



14.626
H 230 mm
L 135 mm
gr. 2 mm



14.627
H 164 mm
L 130 mm
gr. 2 mm



14.628
H 164 mm
L 130 mm
gr. 2 mm



14.629
H 240 mm
L 140 mm
gr. 2 mm



14.630
H 240 mm
L 140 mm
gr. 2 mm



14.631
H 245 mm
L 130 mm
gr. 2 mm



14.632
H 242 mm
L 170 mm
gr. 2 mm



14.633
H 180 mm
L 170 mm
gr. 2 mm



14.634
H 180 mm
L 170 mm
gr. 2 mm



14.635
H 160 mm
L 160 mm
gr. 2 mm



14.636
H 85 mm
L 75 mm
gr. 2 mm



14.637
H 170 mm
L 70 mm
gr. 2 mm



14.638
H 230 mm
L 95 mm
gr. 2 mm



14.639
H 250 mm
L 120 mm
gr. 2 mm



14.640
H 340 mm
L 210 mm
gr. 2 mm



14.641
H 340 mm
L 210 mm
gr. 2 mm



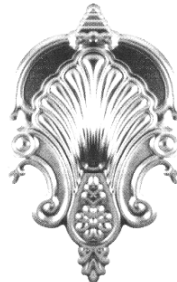
14.642
H 183 mm
L 173 mm
gr. 2 mm



14.643
H 183 mm
L 173 mm
gr. 2 mm



14.644
H 310 mm
L 100 mm
gr. 1,2 mm



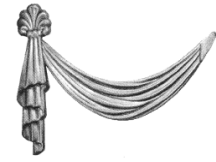
14.645
H 450 mm
L 300 mm
gr. 1,5 mm



14.646
H 230 mm
L 255 mm
gr. 1,5 mm



14.647
H 115 mm
L 155 mm
gr. 1,5 mm



14.648
H 225 mm
L 305 mm
gr. 2 mm



14.649
H 225 mm
gr. 2 mm



14.650
H 184 mm
L 184 mm
gr. 1,5 mm



14.651
H 146 mm
L 146 mm
gr. 1,5 mm



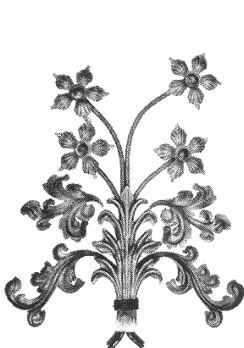
14.652
H 145 mm
L 145 mm
gr. 1,5 mm



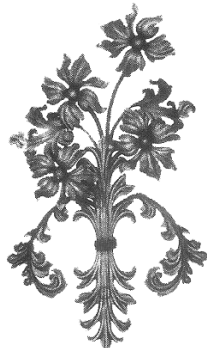
14.653
H 65 mm
L 410 mm
gr. 1,5 mm



14.654
H 65 mm
L 410 mm
gr. 1,5 mm



14.301
H 550 mm
L 400 mm



14.302
H 660 mm
L 470 mm



14.303
H 530 mm
L 490 mm



14.304
H 560 mm
L 460 mm



14.305
H 430 mm
L 340 mm

WSTAWKI ŻELIWNE



17.701

H 240 x L 100 mm
A 185 mm
□ 15 mm



17.703

H 245 x L 90 mm
A 200 mm
□ 15 mm



17.704

H 260 x L 82 mm
A 220 mm
□ 15 mm



17.706

H 310 x L 95 mm
A 260 mm
□ 15 mm



17.707

H 400 x L 150 mm
A 355 mm
□ 15 mm



17.001

H 380 x L 190 mm
□ 14 mm



17.003

H 400 x L 190 mm
□ 14 mm



17.005

H 455 x L 200 mm
□ 14 mm



17.006

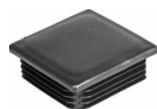
H 165 x L 150 mm
□ 14 mm



17.007

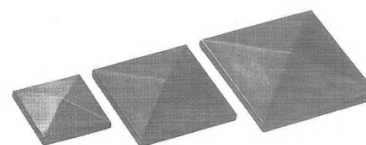
H 270 x L 130 mm
□ 14 mm

ZAŚLEPKI PLASTIKOWE



| | | | |
|------------|--------------|-------------|-----------------|
| 15 x 15 mm | 80 x 80 mm | 30 x 18 mm | 5/4 " Ø 42 mm |
| 20 x 20 mm | 90 x 90 mm | 30 x 20 mm | 1 1/2 " Ø 48 mm |
| 25 x 25 mm | 100 x 100 mm | 40 x 20 mm | 2 " Ø 48 mm |
| 30 x 30 mm | 120 x 120 mm | 50 x 30 mm | |
| 40 x 40 mm | | 60 x 40 mm | |
| 50 x 50 mm | | 80 x 40 mm | |
| 60 x 60 mm | | 100 x 50 mm | |
| 70 x 70 mm | | 120 x 60 mm | |

DASZKI KWADRATOWE



| | | |
|---------------|----------------|----------|
| 15.053 | □ 40 x 40 mm | 0,045 kg |
| 15.054 | □ 50 x 50 mm | 0,065 kg |
| 15.055 | □ 60 x 60 mm | 0,080 kg |
| 15.056 | □ 80 x 80 mm | 0,135 kg |
| 15.057 | □ 100 x 100 mm | 0,195 kg |
| 15.058 | □ 120 x 120 mm | 0,210 kg |

KAPY OKRĄGŁE

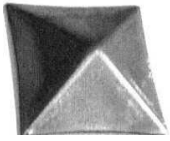


| | | |
|---------------|----------|----------|
| 15.142 | Ø 42 mm | 0,035 kg |
| 15.148 | Ø 48 mm | 0,045 kg |
| 15.160 | Ø 60 mm | 0,068 kg |
| 15.172 | Ø 72 mm | 0,095 kg |
| 15.177 | Ø 77 mm | 0,101 kg |
| 15.180 | Ø 80 mm | 0,112 kg |
| 15.190 | Ø 90 mm | 0,122 kg |
| 15.200 | Ø 100 mm | 0,176 kg |
| 15.220 | Ø 120 mm | 0,180 kg |

KAPY KWADRATOWE



| | | |
|---------------|----------------|----------|
| 15.040 | □ 40 x 40 mm | 0,040 kg |
| 15.050 | □ 50 x 50 mm | 0,043 kg |
| 15.060 | □ 60 x 60 mm | 0,061 kg |
| 15.070 | □ 70 x 70 mm | 0,076 kg |
| 15.080 | □ 80 x 80 mm | 0,096 kg |
| 15.090 | □ 90 x 90 mm | 0,104 kg |
| 15.100 | □ 100 x 100 mm | 0,110 kg |
| 15.120 | □ 120 x 120 mm | 0,134 kg |



| | |
|-------------|-----------|
| D 13 | 50 x 50 |
| D 12 | 60 x 60 |
| D 11 | 75 x 75 |
| D 10 | 90 x 90 |
| D 09 | 100 x 100 |
| D 08 | 110 x 110 |
| D 07 | 120 x 120 |

| | |
|-------------|---------|
| D 21 | 60 x 45 |
| D 22 | 75 x 55 |

| | |
|-------------|------|
| D 04 | Ø 55 |
| D 05 | Ø 70 |
| D 06 | Ø 80 |

| | |
|-------------|-------|
| D 01 | Ø 55 |
| D 02 | Ø 70 |
| D 03 | Ø 80 |
| D 19 | Ø 147 |

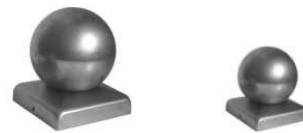
* PODANE WYMIARY SĄ WYMIARAMI ZEWNĘTRZNYMI DASZKÓW

KAPY OKRĄGŁE Z KULĄ



| | | | | |
|-------------------|----------|------|----------|----------|
| 15.142.40 | Ø 42 mm | KULA | Ø 40 mm | 0,123 kg |
| 15.142.50 | Ø 42 mm | KULA | Ø 50 mm | 0,130 kg |
| 15.142.60 | Ø 42 mm | KULA | Ø 60 mm | 0,137 kg |
| 15.148.50 | Ø 48 mm | KULA | Ø 50 mm | 0,145 kg |
| 15.148.60 | Ø 48 mm | KULA | Ø 60 mm | 0,152 kg |
| 15.148.70 | Ø 48 mm | KULA | Ø 70 mm | 0,165 kg |
| 15.148.80 | Ø 48 mm | KULA | Ø 80 mm | 0,195 kg |
| 15.160.60 | Ø 60 mm | KULA | Ø 60 mm | 0,185 kg |
| 15.160.80 | Ø 60 mm | KULA | Ø 80 mm | 0,228 kg |
| 15.172.70 | Ø 72 mm | KULA | Ø 70 mm | 0,285 kg |
| 15.172.80 | Ø 72 mm | KULA | Ø 80 mm | 0,303 kg |
| 15.177.60 | Ø 77 mm | KULA | Ø 60 mm | 0,300 kg |
| 15.177.80 | Ø 77 mm | KULA | Ø 80 mm | 0,320 kg |
| 15.180.60 | Ø 80 mm | KULA | Ø 60 mm | 0,235 kg |
| 15.180.80 | Ø 80 mm | KULA | Ø 80 mm | 0,245 kg |
| 15.190.90 | Ø 90 mm | KULA | Ø 90 mm | 0,389 kg |
| 15.190.120 | Ø 90 mm | KULA | Ø 120 mm | 0,795 kg |
| 15.200.60 | Ø 100 mm | KULA | Ø 60 mm | 0,335 kg |

KAPY KWADRATOWE Z KULĄ

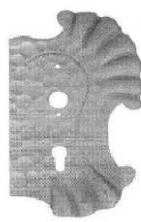


| | | | | |
|-------------------|----------------|------|----------|----------|
| 15.040.40 | □ 40 x 40 mm | KULA | Ø 40 mm | 0,111 kg |
| 15.040.60 | □ 40 x 40 mm | KULA | Ø 60 mm | 0,152 kg |
| 15.050.40 | □ 50 x 50 mm | KULA | Ø 40 mm | 0,125 kg |
| 15.050.50 | □ 50 x 50 mm | KULA | Ø 50 mm | 0,157 kg |
| 15.050.60 | □ 50 x 50 mm | KULA | Ø 60 mm | 0,132 kg |
| 15.060.50 | □ 60 x 60 mm | KULA | Ø 50 mm | 0,167 kg |
| 15.060.60 | □ 60 x 60 mm | KULA | Ø 60 mm | 0,198 kg |
| 15.060.80 | □ 60 x 60 mm | KULA | Ø 80 mm | 0,221 kg |
| 15.070.40 | □ 70 x 70 mm | KULA | Ø 40 mm | 0,175 kg |
| 15.070.60 | □ 70 x 70 mm | KULA | Ø 60 mm | 0,200 kg |
| 15.070.70 | □ 70 x 70 mm | KULA | Ø 70 mm | 0,210 kg |
| 15.070.80 | □ 70 x 70 mm | KULA | Ø 80 mm | 0,221 kg |
| 15.080.60 | □ 80 x 80 mm | KULA | Ø 60 mm | 0,210 kg |
| 15.080.70 | □ 80 x 80 mm | KULA | Ø 70 mm | 0,250 kg |
| 15.080.80 | □ 80 x 80 mm | KULA | Ø 80 mm | 0,304 kg |
| 15.080.90 | □ 80 x 80 mm | KULA | Ø 90 mm | 0,330 kg |
| 15.080.100 | □ 80 x 80 mm | KULA | Ø 100 mm | 0,375 kg |
| 15.090.80 | □ 90 x 90 mm | KULA | Ø 80 mm | 0,253 kg |
| 15.090.90 | □ 90 x 90 mm | KULA | Ø 90 mm | 0,312 kg |
| 15.090.100 | □ 90 x 90 mm | KULA | Ø 100 mm | 0,332 kg |
| 15.090.120 | □ 90 x 90 mm | KULA | Ø 120 mm | 0,385 kg |
| 15.100.60 | □ 100 x 100 mm | KULA | Ø 60 mm | 0,330 kg |
| 15.100.80 | □ 100 x 100 mm | KULA | Ø 80 mm | 0,337 kg |
| 15.100.100 | □ 100 x 100 mm | KULA | Ø 100 mm | 0,482 kg |
| 15.120.80 | □ 120 x 120 mm | KULA | Ø 80 mm | 0,382 kg |
| 15.120.100 | □ 120 x 120 mm | KULA | Ø 100 mm | 0,521 kg |
| 15.120.120 | □ 120 x 120 mm | KULA | Ø 120 mm | 0,793 kg |



15.042

H 270 mm
L 160 mm
gr. 3 mm
0,800 kg



15.043

H 270 mm
L 160 mm
gr. 3 mm
0,800 kg



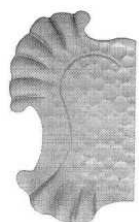
15.042/1

H 270 mm
L 160 mm
gr. 3 mm
0,800 kg



15.043/1

H 270 mm
L 160 mm
gr. 3 mm
0,800 kg



15.042.01

H 270 mm
L 160 mm
gr. 3 mm
0,800 kg



15.043.01

H 270 mm
L 160 mm
gr. 3 mm
0,800 kg



15.271.01

H 275 mm
L 95 mm
gr. 5 mm
0,700 kg



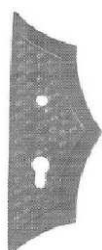
15.271.02

H 275 mm
L 95 mm
gr. 5 mm
0,700 kg



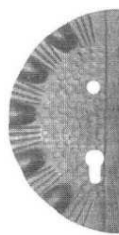
15.271.03

H 275 mm
L 95 mm
gr. 5 mm
0,700 kg



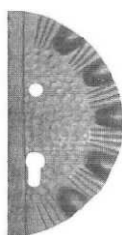
15.271.04

H 275 mm
L 95 mm
gr. 5 mm
0,700 kg



15.272.01

H 263 mm
L 128 mm
gr. 3 mm
0,570 kg



15.272.02

H 263 mm
L 128 mm
gr. 3 mm
0,570 kg



15.272.03

H 263 mm
L 128 mm
gr. 3 mm
0,570 kg



15.272.04

H 263 mm
L 128 mm
gr. 3 mm
0,570 kg



15.272.05

H 263 mm
L 128 mm
gr. 3 mm
0,570 kg



15.272.06

H 263 mm
L 128 mm
gr. 3 mm
0,570 kg



15.273.41

H 285 mm
L 105 mm
gr. 5 mm
0,930 kg



15.273.42

H 285 mm
L 105 mm
gr. 5 mm
0,930 kg



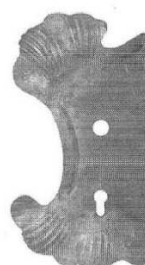
15.273.51

H 285 mm
L 105 mm
gr. 5 mm
0,930 kg



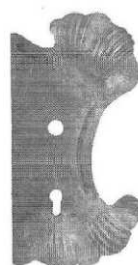
15.273.52

H 285 mm
L 105 mm
gr. 5 mm
0,930 kg



15.361.01

H 330 mm
L 180 mm
gr. 4 mm
1,360 kg



15.361.02

H 330 mm
L 180 mm
gr. 4 mm
1,360 kg



15.361.03

H 330 mm
L 180 mm
gr. 4 mm
1,360 kg



15.361.04

H 330 mm
L 180 mm
gr. 4 mm
1,360 kg



15.362.01

H 270 mm
L 165 mm
gr. 4 mm
0,600 kg



15.362.02

H 270 mm
L 165 mm
gr. 4 mm
0,600 kg



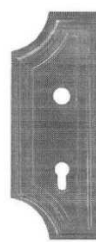
15.362.03

H 270 mm
L 165 mm
gr. 4 mm
0,600 kg



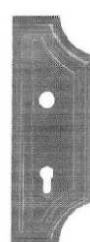
15.362.04

H 270 mm
L 165 mm
gr. 4 mm
0,600 kg



15.363.01

H 280 mm
L 110 mm
gr. 3 mm
0,600 kg



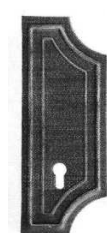
15.363.02

H 280 mm
L 110 mm
gr. 3 mm
0,600 kg



15.363.05

H 280 mm
L 110 mm
gr. 3 mm
0,600 kg



15.363.06

H 280 mm
L 110 mm
gr. 3 mm
0,600 kg



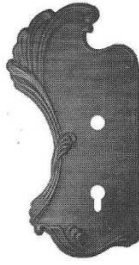
15.363
H 280 mm
L 110 mm
gr. 3 mm
0,600 kg



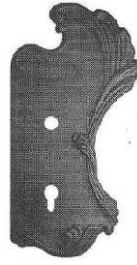
15.365.11
H 330 mm
L 175 mm
gr. 3 mm



15.365.12
H 330 mm
L 175 mm
gr. 3 mm



15.365.13
H 330 mm
L 175 mm
gr. 3 mm



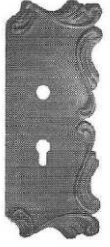
15.365.14
H 330 mm
L 175 mm
gr. 3 mm



15.366
H 315 mm
L 135 mm
gr. 3 mm



15.366.01
H 315 mm
L 135 mm
gr. 3 mm



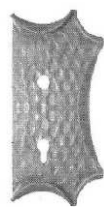
15.366.02
H 315 mm
L 135 mm
gr. 3 mm



15.367
H 280 mm
L 140 mm
gr. 4 mm



15.367.01
H 280 mm
L 140 mm
gr. 4 mm



15.367.02
H 280 mm
L 140 mm
gr. 4 mm



15.364
H 275 mm
L 65 mm
gr. 3 mm



15.364/1
H 250 mm
L 45 mm
gr. 5 mm



15.364/2
H 250 mm
L 45 mm
gr. 5 mm



15.364/3
H 250 mm
L 45 mm
gr. 5 mm



15.364/4
H 250 mm
L 45 mm
gr. 5 mm



15.364.01
Ø 50 mm
gr. 5 mm
0,051 kg



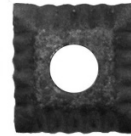
15.364.02
Ø 50 mm
gr. 5 mm
0,043 kg



15.366.01
Ø 50 mm
gr. 5 mm
0,047 kg



15.366.02
Ø 50 mm
gr. 5 mm
0,044 kg



15.365.01
H 50 x L 50 mm
gr. 5 mm
0,092 kg



15.365.02
H 50 x L 50 mm
gr. 5 mm
0,084 kg

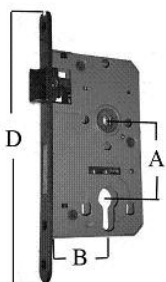
ZASUWY, RYGLE



15.471 Ø 12 mm L 150 mm
15.472 Ø 16 mm L 270 mm
15.473 Ø 16 mm L 340 mm



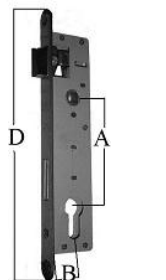
15.462 Ø 12 mm L 220 mm
15.463 Ø 14 mm L 320 mm
15.464 Ø 14 mm L 420 mm



001/031 A 60 mm B 50 mm D 200 mm
001/074 A 72 mm B 50 mm D 200 mm
001/056 A 90 mm B 50 mm D 200 mm



PZ 001/031
PZ 001/074
PZ 001/056



001/119 A 90 mm B 22 mm D 220 mm
001/118 BRAK B 22 mm D 220 mm
ROLKOWY



PZ 001/119
PZ 001/118



001/043
 ZAMEK
 HAKOWY
 F-60



001/109
 ZAMEK
 HAKOWY
 F-60



001/136
 ZAMEK
 HAKOWY
 F-40



001/135
 ZAMEK
 HAKOWY
 F-35



15.534.01
 ZAMEK HAKOWY
 + PUSZKA 50X30
 0,560 kg



15.533.01
 ZAMEK ZAP-ZAS
 + PUSZKA 50X30
 0,940 kg



15.641.01
 ZAMEK ZAP-ZAS
 + PUSZKA 60X40
 1,180 kg



15.650
 KASETA
 ELEKTROZACZEPU
 H 280 mm
 □ 40 X 40 mm



15.530
 ZACZEP FURTKI
 H 200 mm
 L 40 mm
 0,240 kg



15.655 P
 ELEKTROZACZEP
 H 140 mm



15.651 L
 ELEKTROZACZEP
 H 140 mm



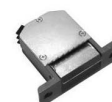
15.653
 ELEKTROZACZEP
 H 90 mm



15.651
 ELEKTROZACZEP
 Z BŁKOADĄ
 H 90 mm



15.652
 ELEKTROZACZEP
 Z PAMIĘCIĄ I
 BŁKOADĄ
 H 90 mm



15.654
 ELEKTROZACZEP
 Z PAMIĘCIĄ
 H 90 mm



16.001
H 75 mm
L 135 mm
0,580 kg

16.010
H 75 mm
L 145 mm
0,550 kg

16.010.01
H 75 mm
L 145 mm
0,540 kg

16.085.01
H 75 mm
L 145 mm
0,560 kg

16.306.08
H 50 mm
L 130 mm
0,660 kg

16.306.11
H 50 mm
L 170 mm
0,900 kg

16.306.12
H 50 mm
L 130 mm
0,740 kg



16.306.04
H 90 mm
Ø 65 mm
0,480 kg

16.306.05
H 65 mm
Ø 65 mm
0,420 kg

16.306.06
H 65 mm
Ø 70 mm
0,420 kg

16.306.07
H 70 mm
Ø 68 mm
0,440 kg

16.306.15
H 60 mm
Ø 70 mm
0,250 kg

16.306.16
H 70 mm
L 90 mm
0,280 kg

16.306.20
H 145 mm
L 110 mm
0,420 kg

ZAWIASY TOCZONE Z KULKĄ



| | |
|------------------|----------|
| Ø 12 mm L 60 mm | 0,055 kg |
| Ø 15 mm L 60 mm | 0,080 kg |
| Ø 19 mm L 80 mm | 0,165 kg |
| Ø 19 mm L 100 mm | 0,210 kg |
| Ø 24 mm L 80 mm | 0,275 kg |
| Ø 24 mm L 100 mm | 0,335 kg |
| Ø 30 mm L 120 mm | 0,600 kg |
| Ø 35 mm L 120 mm | 0,820 kg |
| Ø 35 mm L 140 mm | 0,990 kg |
| Ø 40 mm L 120 mm | 1,050 kg |



ZAWIASY OZDOBNE

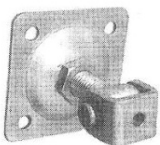


61.102 Ø 20 mm L 100 mm
61.103 Ø 24 mm L 122 mm
61.104 Ø 30 mm L 146 mm
61.105 Ø 30 mm L 230 mm

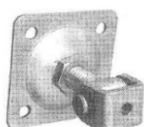
61.106 Ø 27 mm L 145 mm
61.107 Ø 35 mm L 190 mm



ZAWIASY REGULOWANE



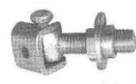
15.250.07/20
□ 97 x 97 mm
gr. 5 mm
M 20
0,750 kg



15.250.07/16
□ 80 x 80 mm
gr. 5 mm
M 16
0,585 kg



15.250.08/20
H 40 x L 100 mm
M 20
0,500 kg



15.250.08/16
H 40 x L 100 mm
M 16
0,395 kg



15.250.09/20
H 43 x L 135 mm
M 20
0,745 kg



15.250.09/16
H 43 x L 135 mm
M 16
0,575 kg



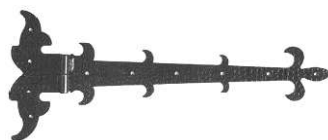
61.305

H 350 x L 200 mm
gr. 4 mm



61.306

H 350 x L 200 mm
gr. 4 mm



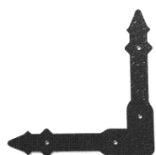
61.307

H 525 x L 225 mm
gr. 4 mm



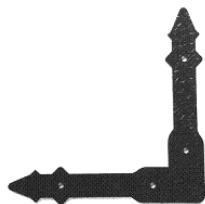
61.308

H 525 x L 225 mm
gr. 4 mm



61.300

H 150 x L 150 mm
gr. 4 mm



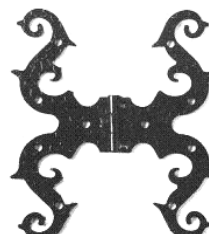
61.301

H 200 x L 200 mm
gr. 4 mm



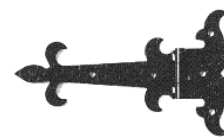
61.302

H 185 x L 160 mm
gr. 4 mm



61.303

H 250 x L 210 mm
gr. 4 mm



61.304

H 203 x L 100 mm
gr. 4 mm

AKCESORIA JEZDNE



60.004

WÓZEK 3 ROLKOWY Z PODSTAWĄ
REGULACYJNĄ
80X80
4,400 kg



60.001

WÓZEK 5-O ROLKOWY Z
PODSTAWĄ REGULACYJNĄ
80X80
6,600 kg



60.008

WÓZEK 8-O ROLKOWY Z
PODSTAWĄ REGULACYJNĄ
80X80
8,500 kg



60.007

WÓZEK 9-O ROLKOWY Z
PODSTAWĄ REGULACYJNĄ
80X80
9,200 kg



60.005

WÓZEK 3 ROLKOWY BEZ
PODSTAWY REGULACYJNEJ
80X80
3,500 kg



60.002

WÓZEK 5-O ROLKOWY BEZ
PODSTAWY REGULACYJNEJ
80X80
5,600 kg

PROWADNICE BRAMOWE



80 x 80 ÷ 4 LUB 5 mm L 6000 mm
70 x 70 ÷ 4 mm L 6000 mm
60 x 60 ÷ 3 LUB 4 mm L 6000 mm

* WÓZKI NA INNE ROZMIARY PROWADNIC - DOSTĘPNE NA INDYWIDUALNE ZAMÓWIENIE



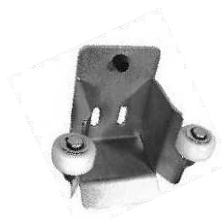
15.825

ROLKA
NAJAZDOWA
80 x 80 mm
1,250 kg



15.826

UCHWYT
NAJAZDU
80 x 80 mm
1,165 kg



15.826/1

UCHWYT
NAJAZDU
80 x 80 mm
1,350 kg



15.834

PROWADZENIE
GÓRNE
0,780 kg



15.835

PROWADZENIE
GÓRNE
1,580 kg



15.835

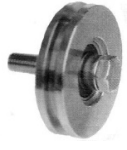
PROWADZENIE
GÓRNE
1,400 kg



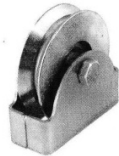
60.100
ROLKA "V"
Ø 75 X 22 mm
0,540 kg



60.102
ROLKA "O 1/2"
Ø 75 X 26 mm
0,560 kg



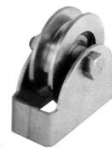
60.104
ROLKA "T"
Ø 75 X 22 mm
0,540 kg



60.106
ROLKA "V"
Ø 75 X 22 mm
0,820 kg



60.108
ROLKA "O 1/2"
Ø 75 X 26 mm
0,840 kg

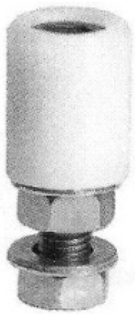


60.110
ROLKA "T"
Ø 75 X 22 mm
0,820 kg



60.120
H 125 X L 200 mm
KĄTOWNIK, TEOVNIK,
RURA 1/2 "

ROLKI TEFLONOWE



60.040 Ø 25 mm 0,118 kg
60.040.01 Ø 31 mm 0,128 kg
60.040.02 Ø 33 mm 0,135 kg
60.040.03 Ø 36 mm 0,141 kg
60.040.05 Ø 41 mm 0,153 kg



60.042
ROLKA
PROWADZĄCA
Ø 36 mm
0,273 kg



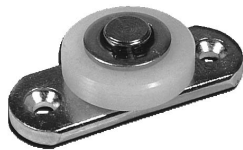
60.042/1
ROLKA
PROWADZĄCA
Ø 41 mm
0,283 kg



60.043
ROLKA
PROWADZĄCA
ŁOŻYSKOWANA
Ø 32 mm
0,249 kg



60.043/1
ROLKA
PROWADZĄCA
ŁOŻYSKOWANA
Ø 43 mm
0,293 kg



ROLKA PROWADZĄCA DRZWI PRZESUWNYCH

R-2 40 Ø 35 mm 0,175 kg
R-2 50 Ø 43 mm 0,190 kg



LISTWA ZĘBATA METALOWA

C8 gr. 8 mm L 1000 mm
C10 gr. 10 mm L 1000 mm
C12 gr. 12 mm L 1000 mm

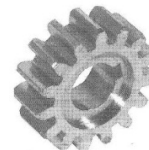


LISTWA ZĘBATA NYLONOWA

4 MOCOWANIA
gr. 20 mm L 1200 mm
6 MOCOWAŃ
gr. 20 mm L 1200 mm



15.850.01
KOŁO ZĘBATE
Ø 68 mm
15 TRYBÓW
0,340 kg



15.850
KOŁO ZĘBATE
Ø 84 mm
19 TRYBÓW
0,500 kg



**ZDERZAK
WEWNĘTRZNY**
H 43 x L 82 mm
0,260 kg



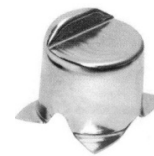
**ZDERZAK
ZEWNĘTRZNY
PRZYKRĘCANY**
H 100 x L 112 mm
0,610 kg



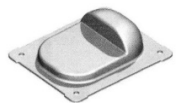
**ZDERZAK
ZEWNĘTRZNY
SPAWANY**
H 108 x L 40 mm
0,295 kg



**ZDERZAK
BRAMY UCHYLNEJ**
H 51 x L 73 mm
0,323 kg



**STOPER DO
BRAMY
SKRZYDŁOWEJ**
H 103 x L 103 mm
0,375 kg



**STOPER DO
BRAMY
SKRZYDŁOWEJ**
H 130 x L 160 mm
0,440 kg

W NASZEJ OFERCIE POSAIDAMY AUTOMATY ORAZ AKCESORIA
RENOMOWANYCH FIRM TAKICH JAK NICE, DITEC, KEY.
DYSPONUJEMY RÓWNIEŻ KADRĄ WYKWALIFIKOWANYCH
MONTERÓW.



Wskaźniki kierunku wiatru

Weathervanes

Wetterfahnen



17.900

H 460 X L 650 mm



17.903

H 460 X L 600 mm



17.907

H 550 X L 600 mm



17.908

H 670 X L 830 mm



17.909

H 460 X L 510 mm



17.913

H 810 X L 350 mm



17.914

H 810 X L 330 mm



17.921

H 1180 X L 610 mm

Zestawy kominkowe

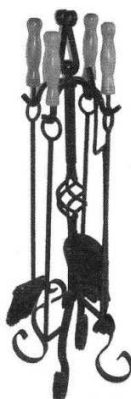
Fireplace sets

Kaminsatze



66.100

H 840 mm



66.101

H 810 mm



66.102

H 580 mm



66.103

H 665 mm



66.104

H 670 mm



66.105

H 620 mm



16.034 CZERWONY
16.035 BRAZOWY
16.036 SZARY
16.037 ZIELONY
16.038 GRAFIT
16.039 CZARNY

H 410 X 255 mm
Głębokość 90 mm



16.250 CZARNY
16.251 BRAZOWY
16.255 SREBRNY

H 370 X 360 mm
Głębokość 130 mm



17.400
H 545 X 450 mm
Głębokość 110 mm
KOLOR - OCYNK



16.260 H350 x L280 mm
Głębokość 90 mm
CZARNY

16.261 H350 x L280 mm
Głębokość 90 mm
MIEDZIANY

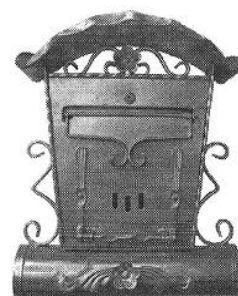


16.210 H445 x L395 mm
Głębokość 170 mm
CZARNY

16.211 H350 x L280 mm
Głębokość 90 mm
CZARNY +
MIEDZIANY



16.030.01
H350 x L280 mm
Głębokość 90 mm
CZARNY



17.401
H 510 X 410 mm
Głębokość 110 mm
KOLOR - OCYNK



FARBY, PATYNY, ROZCIEŃCZALNIKI



POLIFARB ŁÓDŹ

FARBA NAWIERZCHNIOWA POLIWINYLOWA - LOWIGRAF

KOLORY: SZARY GRAFIOWY, STALOWY GRAFITOWY
EFEKT STUKTURALNY: BRAŻ, CZARNY, GRAFIT, STALOWY

OPAKOWANIA: 0,8 L. 5 L.



FARBA POLIWINYLOWA NA OCYNK - LOWICYN

DOSTĘPNE KOLORY:
CZARNY, GRAFIT, ZIELONY RAL 6005

OPAKOWANIA: 0,8 L. 5 L.



FARBA DO DEKORACJI - PATYNA

DOSTĘPNE KOLORY:
BRUNATNO-RDZAWY, MIEDZIANY, SREBRNY, TURKUSOWY,
ZIELONY CIEMNY, ŻŁOTO-MIEDZIANY, ŻŁOTY



FARBA NAWIERZCHNIOWA POLIWINYLOWA

DOSTĘPNE KOLORY:
BIAŁY, BRAŻ, CZARNY, GRAFIT

OPAKOWANIA: 0,8 L. 5 L.



FARBA ANTYKOROZYJNA PODKLADOWA SZYBKOSCHNĄCA

DOSTĘPNE KOLORY:
CZERWONY TLENKOWY, CZARNY MAT, SZARY

OPAKOWANIA: 0,8 L. 3 L. 10 L. 20 L.



FARBA DO DEKORACJI - PATYNA

DOSTĘPNE KOLORY:
ŻÓŁTY, BIAŁY, CZERWONY, MIEDZIANY, NIEBIESKI, SREBRNY,
TURKUSOWY, WANILIOWY, ZIELONY, ŻŁOTY, MIEDZIANY,
SREBRNY

OPAKOWANIA: 20 ML. 0,22 L.



ROZCIEŃCZALNIKI

FTALOWO-KARBAMIDOWY, LAKOWY, POLIWINYLOWY,
UNIWEERSALNY

OPAKOWANIA: 0,5 L. 5 L.

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