



HF 30001
15x50
1,58 kg



HF 30002
10,5x80
1,11 kg



HF 30003
16x80
2,26 kg



HF 30004
7,5x43,5
1,70 kg



HF 30005
17x51
1,90 kg



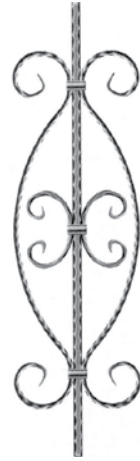
HF 30006
18,5x49,5
1,75 kg



HF 30007
14,5x49,5
1,49 kg



HF 30008
19x60,5
2,39 kg



HF 30009
20,5x60
2,40 kg



HF 30010
12,5x26
1,44 kg



HF 30011
12,5x64
1,93 kg



HF 30012
12,5x64
1,85 kg



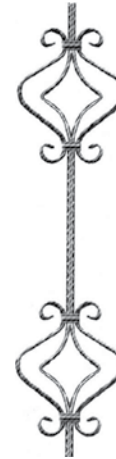
HF 30013
17,5x22,5
1,40 kg



HF 30014
17,5x63,5
1,88 kg



HF 30015
18,5x23,5
1,40 kg



HF 30016
18,5x69,5
1,92 kg



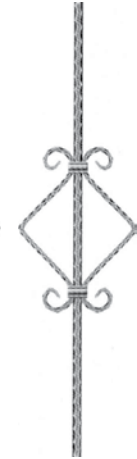
HF 30017
13,5x23,5
1,40 kg



HF 30018
13,5x63,5
1,95 kg



HF 30019
17,5x27,5
1,35 kg



HF 30020
17,5x27,5
1,35 kg



HF 30021
15,5x59,5
2,19 kg



HF 30022
15,5x59,5
2,20 kg



HF 30023
15,5x28
1,39 kg



HF 30024
20,5x63,5
2,49 kg



HF 30025
13x50
1,25 kg



HF 30026
13x50
1,88 kg



HF 30027
12x49,5
1,70 kg



HF 30028
15,5x35
1,26 kg



HF 30029
17,5x80
2,05 kg



HF 30030
17,5x80
2,18 kg

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Özel İmalatlar Yapılır
Mamüllerimiz
Siyah Antipas Boyalıdır

12

Standart Boy 80cm

Tolerans
En +/- %2
Boy +/- %1

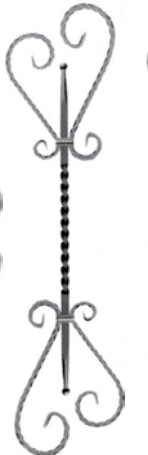
İSTEĞE GÖRE:

Kenar Dövmeli Kare
Düz Kare

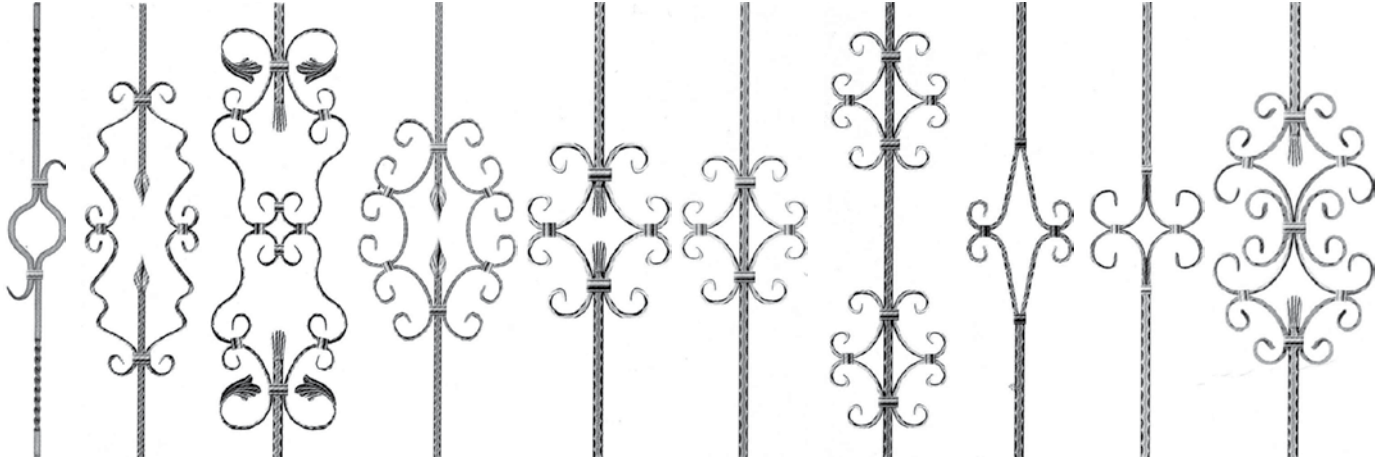
Yivli Kare
Nevrülü Kare
Yivli & Nevrülü Kare

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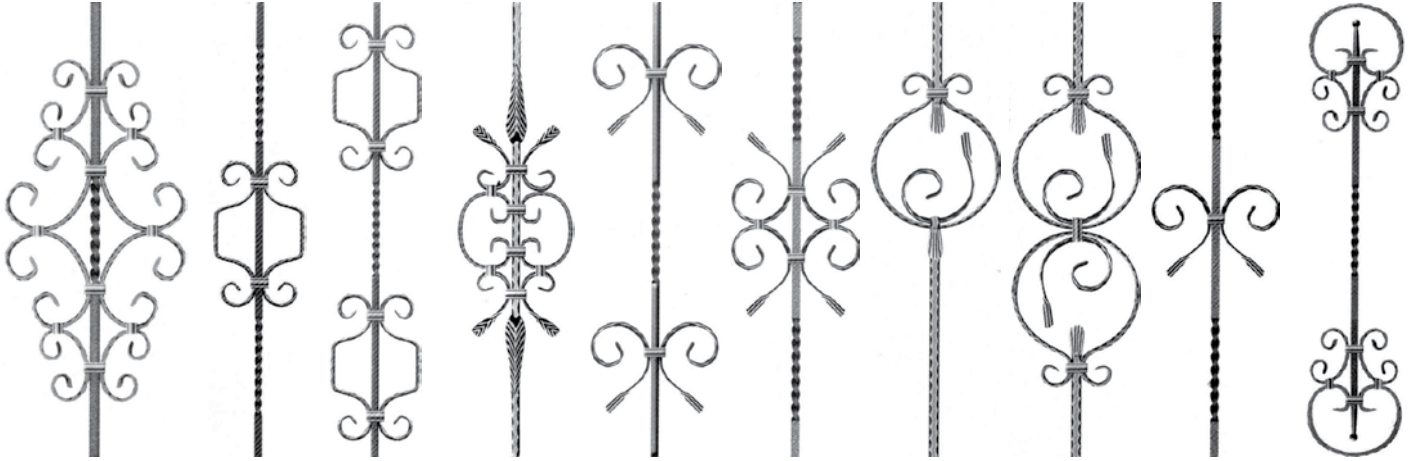


									
HF 30031	HF 30032	HF 30033	HF 30034	HF 30035	HF 30036	HF 30037	HF 30038	HF 30039	HF 30040
24,5x43 2,24 kg	17,5x80 1,70 kg	17,5x80 1,77 kg	17x34,5 1,40 kg	19,5x14,5 1,35 kg	20,5x64 1,89 kg	16x51 1,60 kg	16x51 1,58 kg	24,5x44 2,37 kg	17,5x80 1,90 kg
									
HF 30041	HF 30042	HF 30043	HF 30044	HF 30045	HF 30046	HF 30047	HF 30048	HF 30049	HF 30050
13,5x33,5 1,43 kg	17,5x80 1,88 kg	16x80 1,53 kg	17,5x26 1,40 kg	16x80 2,35 kg	18,5x46,5 1,65 kg	13x50 1,80 kg	16x80 2,22 kg	22,5x44,5 1,93 kg	19,5x80 3,60 kg
									
HF 30051	HF 30052	HF 30053	HF 30054	HF 30055	HF 30056	HF 30057	HF 30058	HF 30059	HF 30060
8,5x22 1,16 kg	17,5x80 1,90 kg	10,5x17 0,94 kg	10x64 0,99 kg	18,5x32,5 1,80 kg	9x38 1,23 kg	19,5x20,5 1,95 kg	16x80 1,45 kg	12,5x80 1,93 kg	16,5x80 2 kg

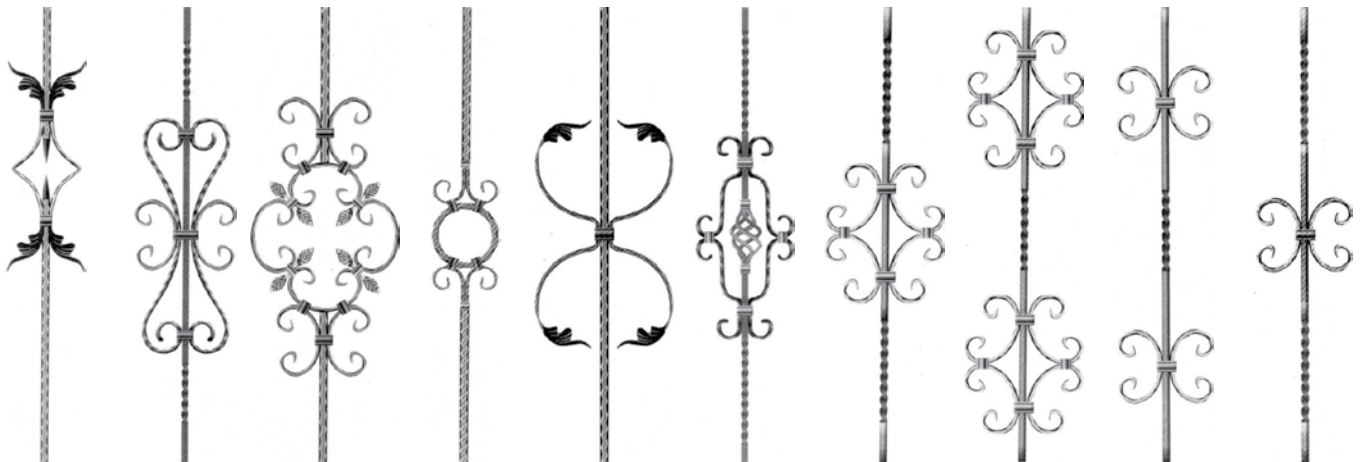
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HF 30061	HF 30062	HF 30063	HF 30064	HF 30065	HF 30066	HF 30067	HF 30068	HF 30069	HF 30070
10,5x24,5	19,5x49,5	25,5x68,5	24,5x35,5	22x21,5	22x21,5	21,5x56	18,5x29,5	18,5x19	26,5x44
1,30 kg	1,75 kg	2,70 kg	1,90 kg	1,65 kg	1,68 kg	2,43 kg	1,15 kg	1,18 kg	2,38 kg



HF 30071	HF 30072	HF 30073	HF 30074	HF 30075	HF 30076	HF 30077	HF 30078	HF 30079	HF 30080
29,5x56,5	15x24,5	15x65,5	18x43,5	18,5x63,5	18,5x30,5	20,5x27	20,5x54,5	18,5x15	16x80
2,78 kg	1,43 kg	1,98 kg	1,85 kg	1,62 kg	1,65 kg	1,50 kg	1,92 kg	1,27 kg	2,13 kg



HF 30081	HF 30082	HF 30083	HF 30084	HF 30085	HF 30086	HF 30087	HF 30088	HF 30089	HF 30090
15,5x35,5	17,5x49,5	24,5x46	14x19	21x34,5	21,5x42,5	22x21,5	21,5x56	15,5x56	15,5x12,5
1,32 kg	2,35 kg	2,60 kg	1,40 kg	1,48 kg	2,16 kg	1,62 kg	2,43 kg	1,63 kg	1,24 kg

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Özel İmalatlar Yapılır
Mamüllerimiz
Siyah Antipas Boyalıdır

12

Standart Boy 80cm

Tolerans
En +/- %2
Boy +/- %1

İSTEĞE GÖRE:

Kenar Dövmeli Kare
Düz Kare



Yivli Kare
Nevürlü Kare
Yivli & Nevürlü Kare

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Forged Balusters

LAMA MOTİFLİ DEMİRLER

HF 30091 20x63,5 1,96 kg	HF 30092 20,5x63,5 2,35 kg	HF 30093 24,5x44 2,34 kg	HF 30094 15,5x56 1,66 kg	HF 30095 15,5x12,5 1,26 kg	HF 30096 13x64,5 1,31 kg	HF 30097 2,5x64,5 0,82 kg	HF 30098 15,5x28 1,46 kg	HF 30099 13x28 1,60 kg	HF 30100 13x28 1,58 kg
HF 30101 13x72 2,21 kg	HF 30102 2,5x34,5 0,88 kg	HF 30103 20x14,5 1,43 kg	HF 30104 20x29,5 2,05 kg	HF 30105 15,5x31 1,47 kg	HF 30106 17,5x45,5 1,85 kg	HF 30107 20,5x17,5 1,63 kg	HF 30108 13,5x27,5 1,50 kg	HF 30109 27,5x42,5 2,13 kg	HF 30110 19,5x43,5 1,90 kg
HF 30111 18,5x44,5 1,90 kg	HF 30112 22,5x64,5 1,50 kg	HF 30113 15,5x27,5 1,45 kg	HF 30114 16x51 1,61 kg	HF 30115 12,5x26 1,37 kg	HF 30116 18,5x26,5 1,36 kg	HF 30117 17,5x47 1,64 kg	HF 30118 22,5x21,5 1,70 kg	HF 30119 15,5x69 2,00 kg	HF 30120 19,5x43,5 2,10 kg

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HF 30121
9,5x25,5
1,40 kg



HF 30122
20,5x52,5
2,30 kg



HF 30123
14,5x45,5
1,50 kg



HF 30124
16x34
1,30 kg



HF 30125
17x62,5
2,00 kg



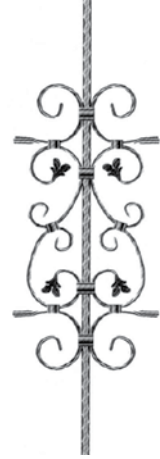
HF 30126
15,5x27,5
1,67 kg



HF 30127
4x49,5
1,53 kg



HF 30128
15,5x28
1,46 kg



HF 30129
28x64,5
3,50 kg



HF 30130
27,5x69,5
3,1 kg



HF 30131
20,5x54,5
2,00 kg



HF 30132
20,5x26,5
1,55 kg



HF 30133
19,5x49,5
1,91 kg



HF 30134
17,5x47,5
2,30 kg



HF 30135
16,5x80
1,60 kg



HF 30136
17,5x27,5
1,82 kg



HF 30137
17,5x65,5
2,90 kg



HF 30138
20,5x54,5
1,90 kg



HF 30139
21,5x35,5
2,16 kg



HF 30140
20x54,5
1,80 kg



HF 30141
23,5x55,5
2,25 kg



HF 30142
10,5x64,5
0,95 kg



HF 30143
13x64,5
1,45 kg



HF 30144
22x64,5
1,65 kg



HF 30145
15,5x61,5
1,3 kg



HF 30146
15,5x55,5
1,7 kg



HF 30147
2,5x17,5
0,90 kg



HF 30148
2,5x61,5
0,88 kg



HF 30149
5x14,5
1,20 kg



HF 30150
5x47
1,50 kg

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Özel İmalatlar Yapılır
Mamüllerimiz
Siyah Antipas Boyalıdır

12

Standart Boy 80cm

Tolerans
En +/- %2
Boy +/- %1

İSTEĞE GÖRE:

Kenar Dövmeli Kare
Düz Kare

Yivli Kare
Nevrülü Kare
Yivli & Nevrülü Kare

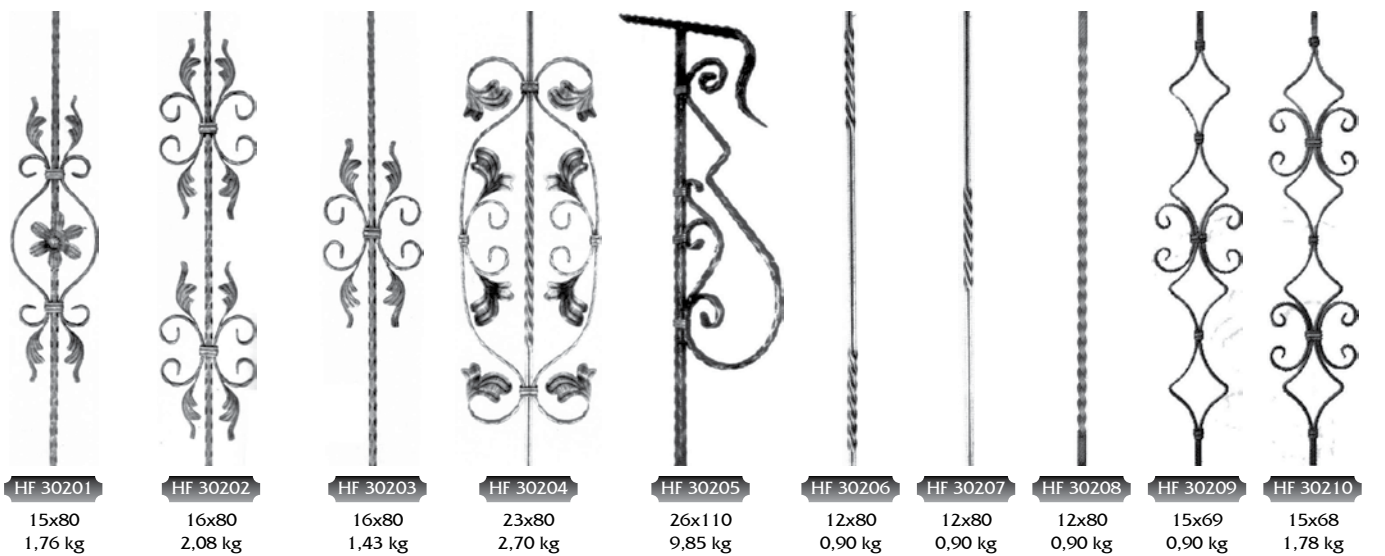
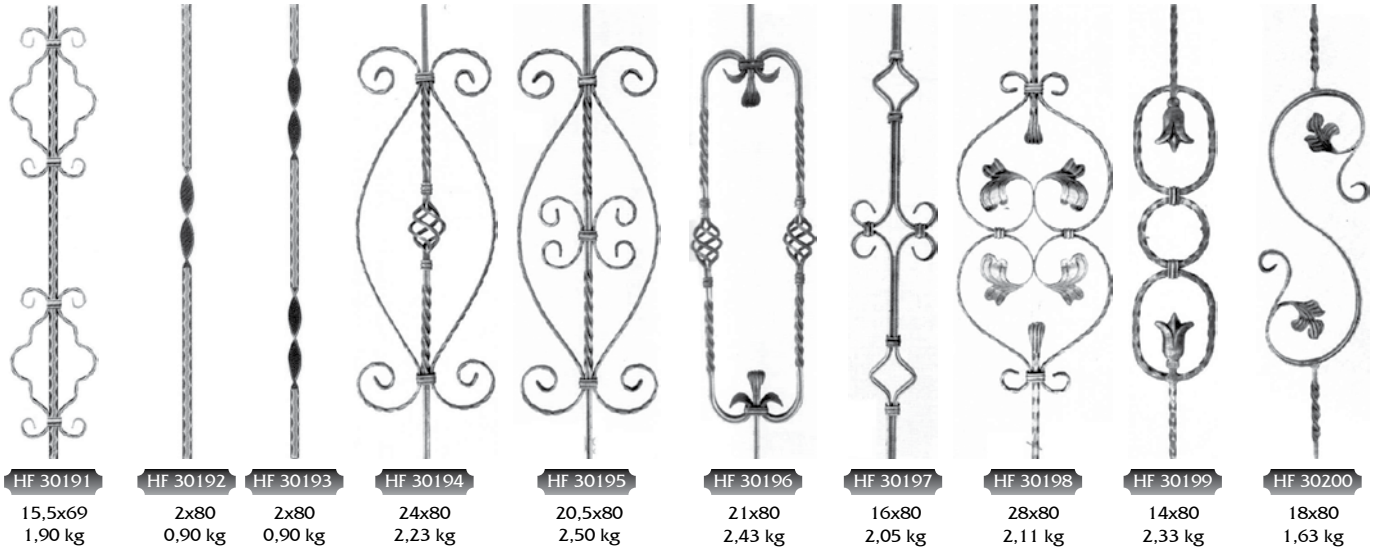
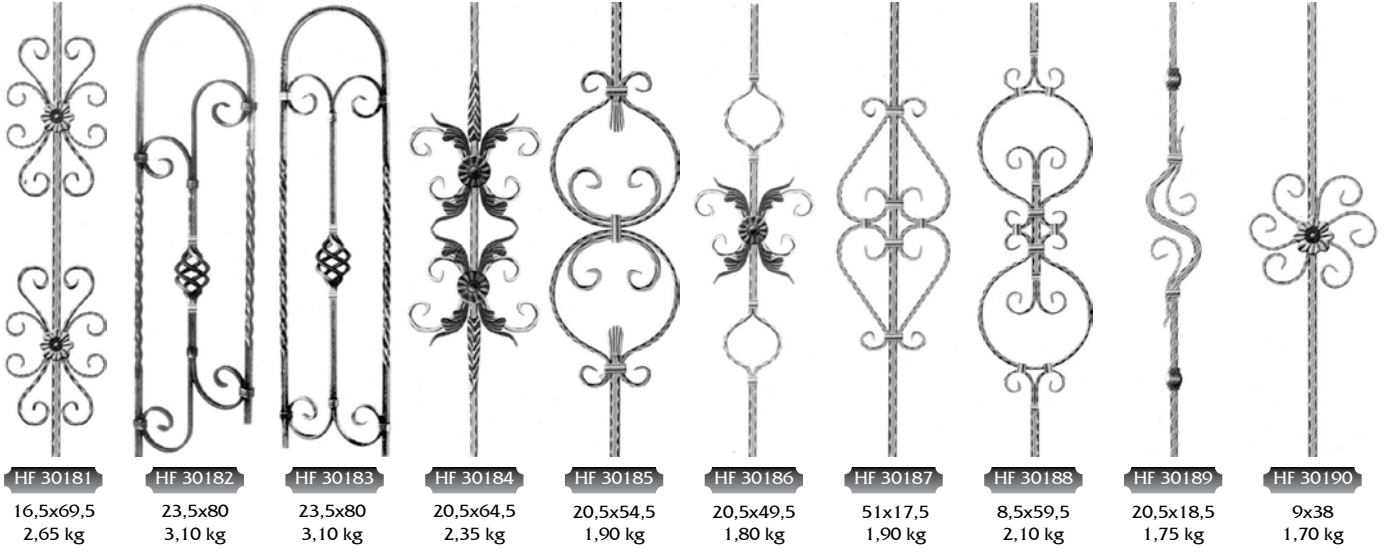
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5



									
HF 30151	HF 30152	HF 30153	HF 30154	HF 30155	HF 30156	HF 30157	HF 30158	HF 30159	HF 30160
2,5x61,5 0,88 kg	2,5x17,5 0,90 kg	16,5x55,5 1,70 kg	13,5x39,5 1,90 kg	13,5x39,5 1,90 kg	19,5x80 2,21 kg	17,5x80 2,20 kg	13x80 1,46 kg	14,5x80 1,56 kg	31,5x80 3,97 kg
									
HF 30161	HF 30162	HF 30163	HF 30164	HF 30165	HF 30166	HF 30167	HF 30168	HF 30169	HF 30170
14x44,5 1,75 kg	18,5x80 1,85 kg	10x65,5 0,95 kg	5x55,5 1,61 kg	5x11,5 1,41 kg	15x50 1,54 kg	16,5x41,5 1,70 kg	13x64,5 1,35 kg	21,5x13,5 1,36 kg	21,5x63,5 1,84 kg
									
HF 30171	HF 30172	HF 30173	HF 30174	HF 30175	HF 30176	HF 30177	HF 30178	HF 30179	HF 30180
15x45 1,80 kg	10x57,5 1,95 kg	11x49,5 1,60 kg	15,5x66,5 1,30 kg	14x76 1,24 kg	2,5x30,5 1,05 kg	2,5x69,5 1,10 kg	25x31 2,50 kg	25,5x46 2,65 kg	16,5x27,5 1,80 kg

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Özel İmalatlar Yapılır
Mamüllerimiz
Siyah Antipas Boyalıdır

12

Standart Boy 80cm

Tolerans
En +/- %2
Boy +/- %1

İSTEĞE GÖRE:

Kenar Dövmeli Kare
Düz Kare

Yivli Kare
Nevrülü Kare
Yivli & Nevrülü Kare

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7



HF 30211

22x80
2,59 kg



HF 30212

20x80
2,20 kg



HF 30213

25x80
2,30 kg



HF 30214

15x80
2,14 kg



HF 30215

20x80
1,45 kg



HF 30216

20x80
2,10 kg



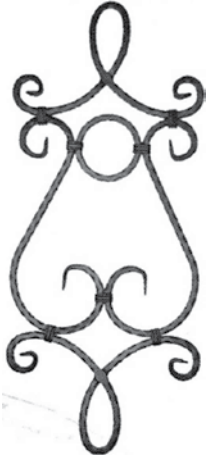
HF 30217

30x80
2,00 kg



HF 30218

26x80
3,00 kg



HF 30219

34x80
4,17 kg



HF 30220

34x80
4,05 kg



HF 30221

17x80
2,05 kg



HF 30222

17x80
1,29 kg



HF 30223

17x80
1,61 kg



HF 30224

26x80
3,00 kg



HF 30225

11x80
2,28 kg



HF 30226

13,5x80
1,45 kg



HF 30227

24x90
2,06 kg



HF 30228

14,5x90
1,04 kg



HF 30229

15x90
2,05 kg



HF 30230

11x90
1,64 kg



HF 30231

11x90
1,64 kg



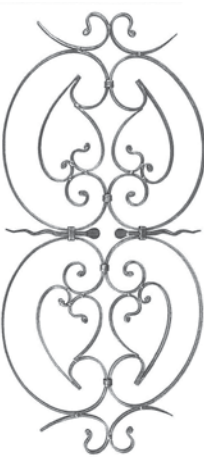
HF 30232

22x100
3,54 kg



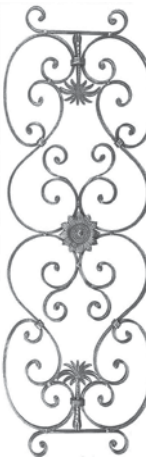
HF 30233

32x90
3,58 kg



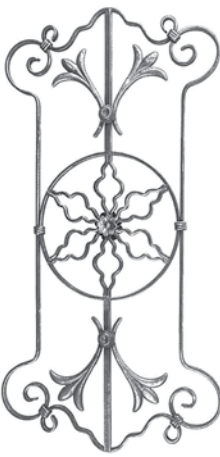
HF 30234

50x100
4,74 kg



HF 30235

38x110
5,36 kg



HF 30236

42x80
5,00 kg



HF 30237

23,9x100
6,34 kg

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HF 30600	HF 30601	HF 30602	HF 30603	HF 30604	HF 30605	HF 30606	HF 30607	HF 30608	HF 30609	HF 30610	HF 30611	HF 30612
35x150	35x580	31x90	31x510	33x121	33x580	45x150	45x580	35x150	35x580	35x200	35x650	26x150
1,24 kg	1,70 kg	1,10 kg	1,22 kg	1,02 kg	1,32 kg	1,14 kg	1,44 kg	1,45 kg	1,70 kg	1,52 kg	2,11 kg	1,10 kg

HF 30613	HF 30614	HF 30615	HF 30616	HF 30617	HF 30618	HF 30619	HF 30620	HF 30621	HF 30622	HF 30623	HF 30624	HF 30625
26x590	55x200	55x620	37x235	37x600	65x200	65x600	56x200	56x650	55x120	55x580	60x200	60x650
1,36 kg	1,90 kg	2,90 kg	0,90 kg	0,90 kg	1,14 kg	1,48 kg	1,47 kg	1,88 kg	1,30 kg	1,45 kg	1,70 kg	2,10 kg

HF 30626	HF 30627	HF 30628	HF 30629	HF 30632	HF 30633	HF 30634	HF 30635	HF 30636	HF 30637	HF 30638	HF 30639
60x200	60x650	50x200	50x650	32x300	32x650	37x310	37x700	47x300	47x700	47x300	47x700
1,30 kg	1,45 kg	1,10 kg	1,30 kg	0,90 kg	0,90 kg	1,40 kg	1,60 kg	1,10 kg	1,30 kg	1,40 kg	1,65 kg
						Ø14	Ø14	□12	□12	□14	□14

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Özel İmalatlar Yapılır
Mamüllerimiz
Siyah Antipas Boyalıdır

12

Standart Boy 80cm

Tolerans
En +/- %2
Boy +/- %1

İSTEĞE GÖRE:

Kenar Dövmeli Kare
Düz Kare



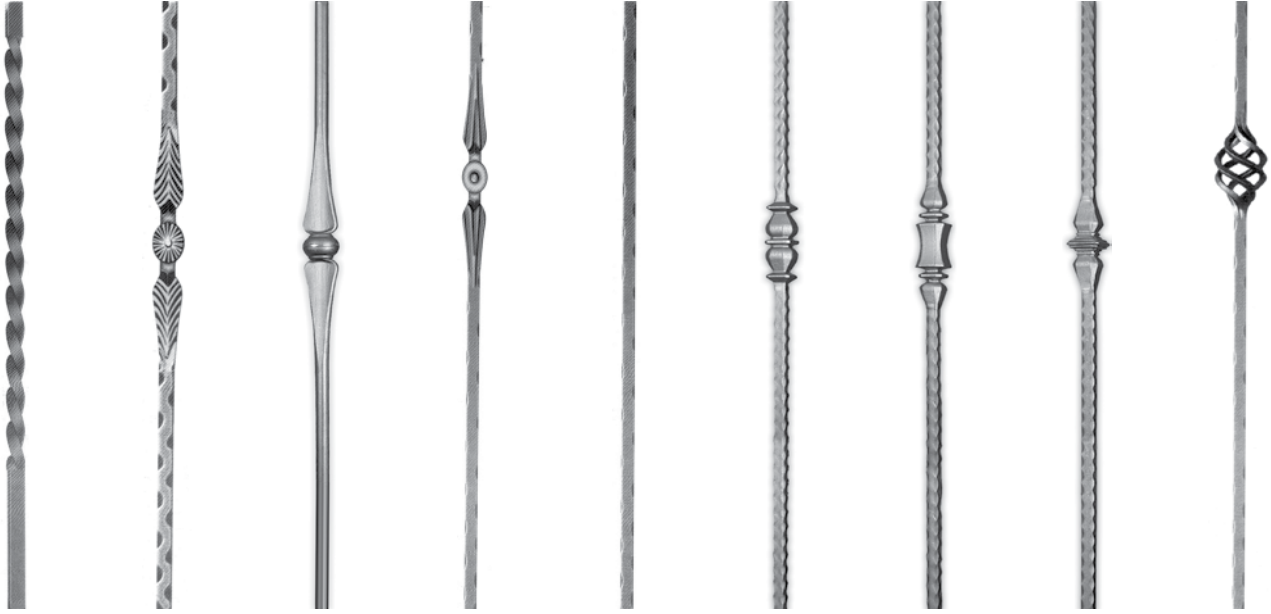
Yivli Kare
Nevürlü Kare
Yivli & Nevürlü Kare

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Endposts

BABA DEMİRLER



HF 30800

2,4x100
4,75 kg
□24

HF 30801

5x100
4,33 kg
□24

HF 30802

5,8x100
4,50 kg
Ø24

HF 30803

5x100
4,33 kg
□24

HF 30804

2,4x100
4,75 kg
□24

HF 30805

4x100
5,20 kg
□24

HF 30806

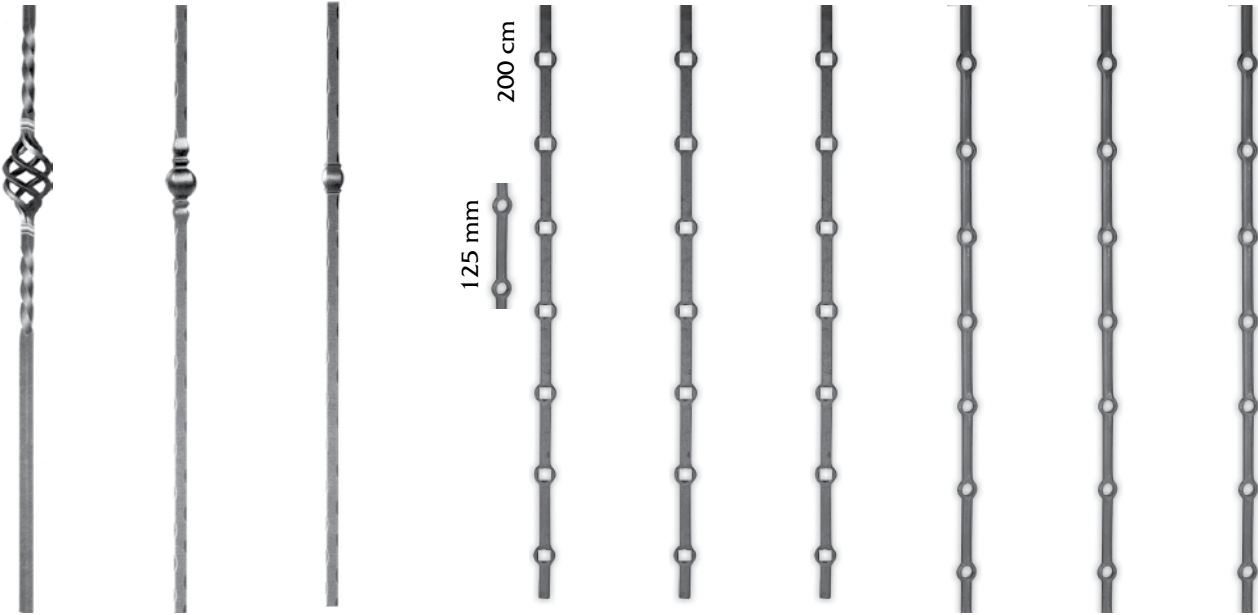
4x100
5,20 kg
□24

HF 30807

6x100
6,44 kg
□24

HF 30808

12x100
5,30 kg
□24



HF 30809

12x100
5,30 kg
□24

HF 30810

6,7x100
6,05 kg
□24

HF 30811

4x100
4,86 kg
□24

HF 30640

□14x14
iç: 12x12

HF 30641

□14x14
iç: 14x14

HF 30642

□16x16
iç: 16x16

HF 30643

Ø14x14
iç: 12x12

HF 30644

Ø14x14
iç: 14x14

HF 30645

Ø16x16
iç: 16x16

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10

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Özel İmalatlar Yapılır
Mamüllerimiz
Siyah Antipas Boyalıdır

24

Tolerans

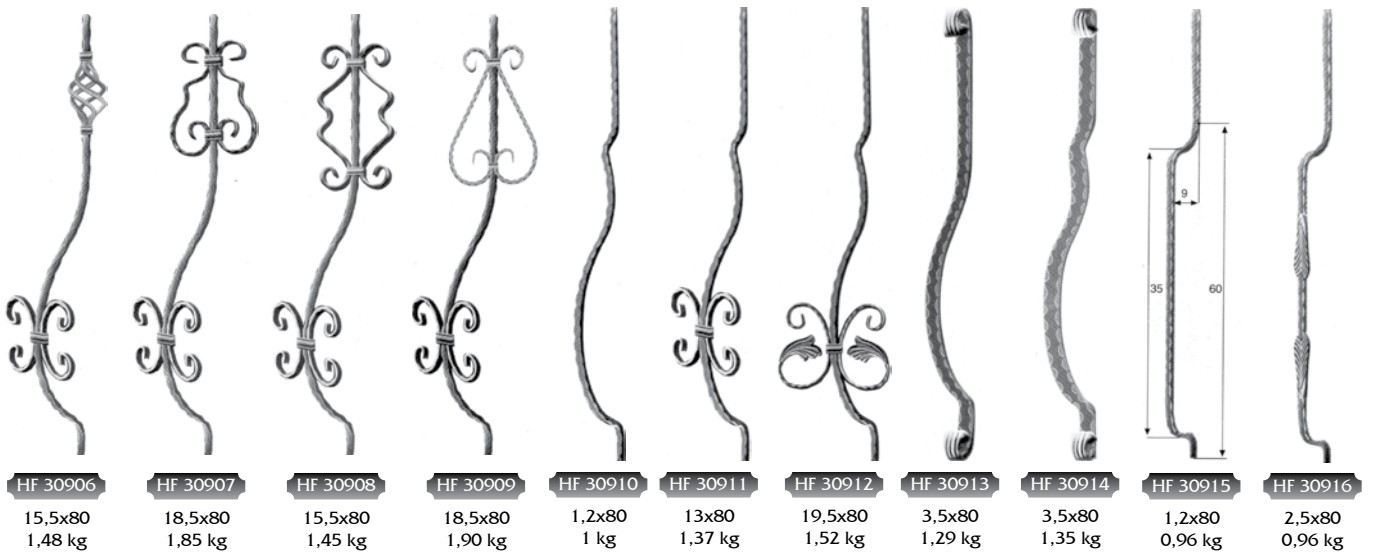
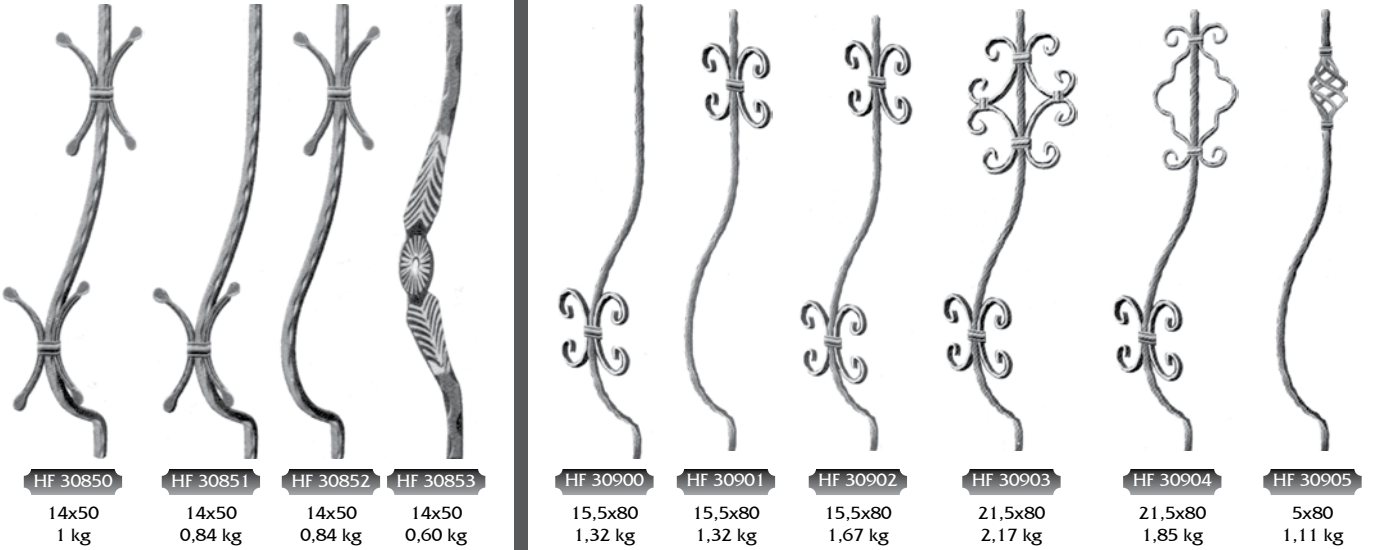
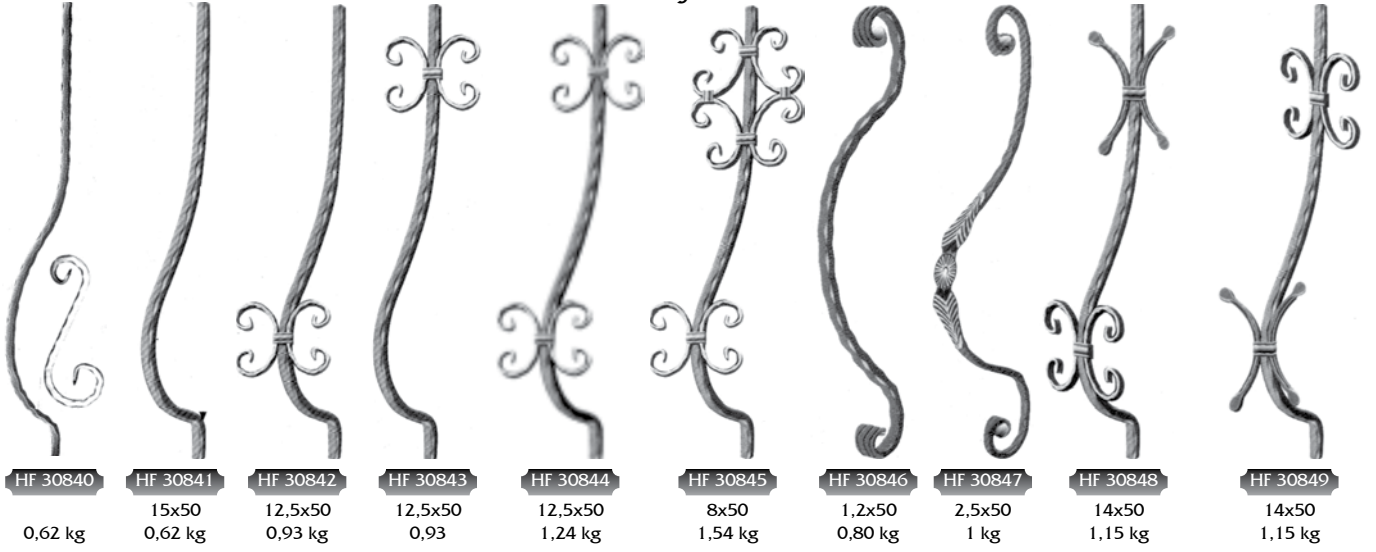
En +/- %2
Boy +/- %1

İSTEĞE GÖRE:

Kenar Dövmeli Kare
Düz Kare

Yivli Kare
Nevrülü Kare
Yivli & Nevrülü Kare

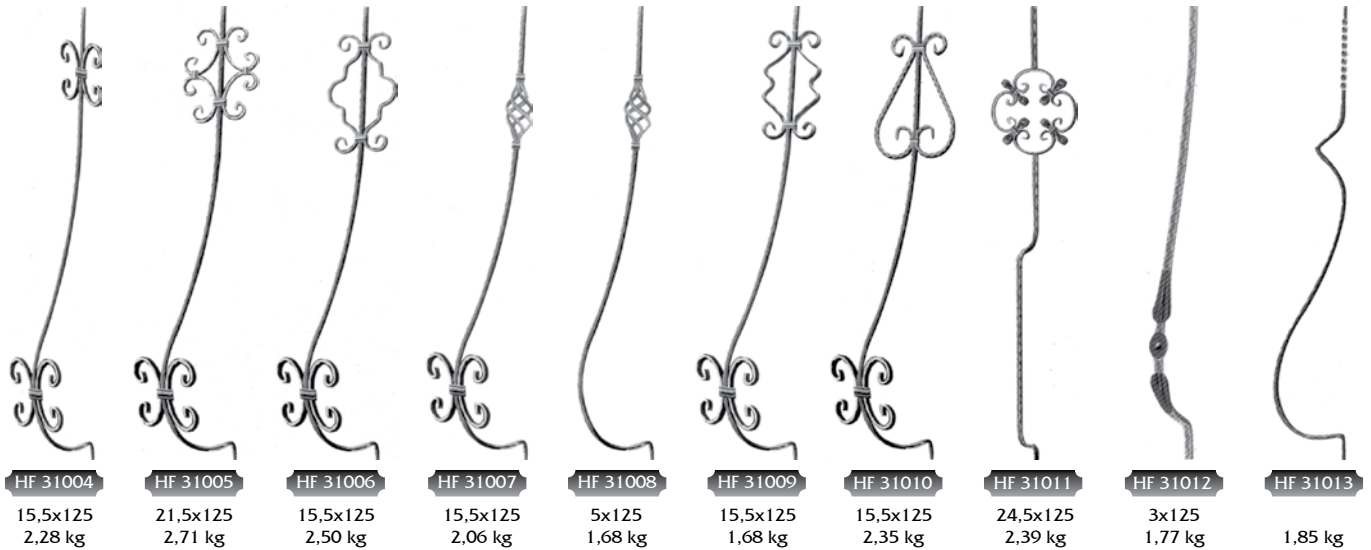
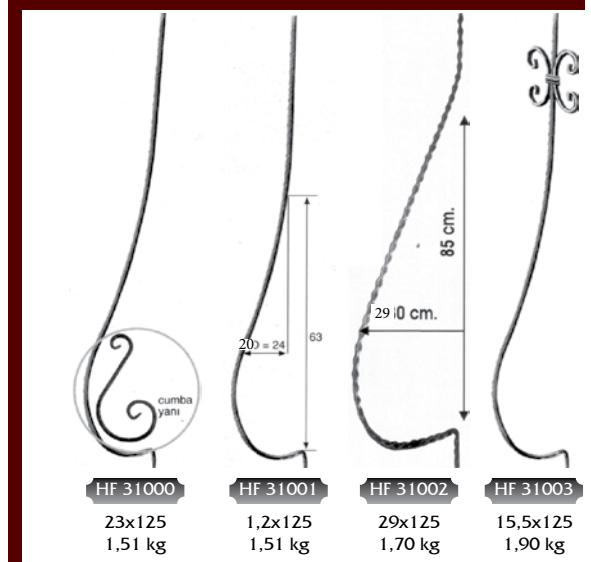
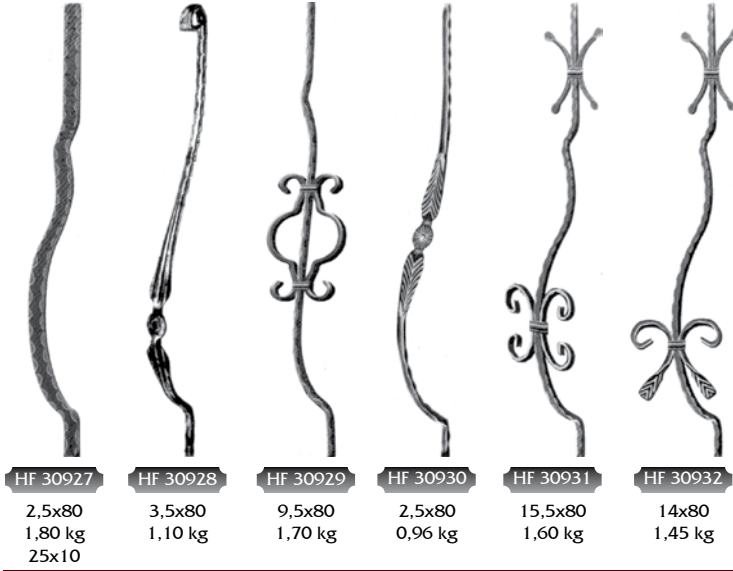
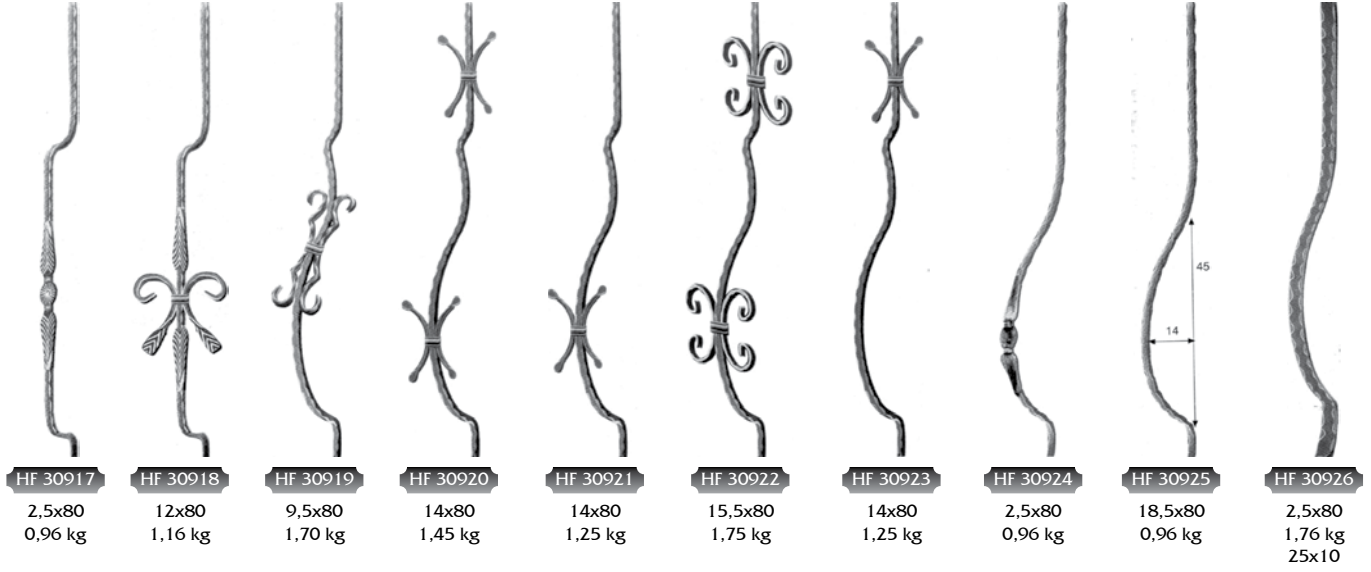
Boy: 50 cm



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Boy: 80 cm





HF 31014

1,85 kg



HF 31015

1,77 kg



HF 31016

19,5x125
2,93 kg

HF 31017

25,5x125
3,44 kg

HF 31018

20x125
3,25 kg

HF 31019

19,5x125
2,98 kg

HF 31020

13,5x125
2,92 kg

HF 31021

17,5x125
2,95 kg

HF 31022

1,85 kg



HF 31023

2,5x125
2,60 kg

HF 31024

1,77 kg



HF 31025

1,77 kg



HF 31026

1,77 kg



HF 31027

1,77 kg



HF 31028

1,50 kg



HF 31029

2,5x125
1,50 kg

HF 31030

15,5x125
2,10 kg

HF 31031

2,5x125
1,50 kg

HF 31032

2,5x125
1,50 kg

HF 31033

24,5x125
2,90 kg

HF 31034

24,5x125
3,24 kg



HF 31100

58x58
4 kg



HF 31101

50x50
3,80 kg



HF 31102

55x55
5,50 kg
□12



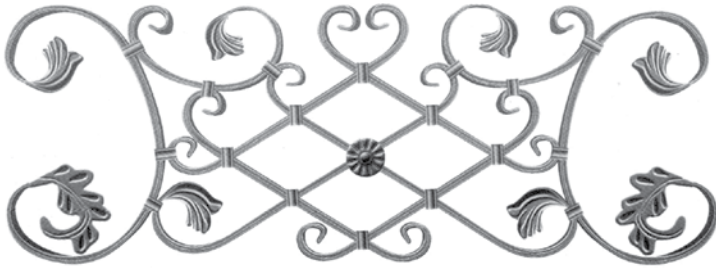
HF 31104

49x60
4,80 kg
□12



HF 31105

57x57
8,38 kg
16x8



HF 31103

37x92
6,30 kg
16x8



HF 31106

43x43
4,30 kg
□12



HF 31107

45x45
2,40 kg



HF 31108

35x70
4,60 kg
□12



HF 31109

40x40
1,45 kg



HF 31110

40x40
1,82 kg



HF 31111

54x54
6 kg
□12



HF 31112

25x25
1,08 kg



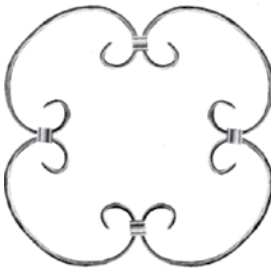
HF 31113

33x33
0,95 kg



HF 31114

23x23
0,80 kg



HF 31115

33x33
0,95 kg



HF 31116

34x34
1,35 kg



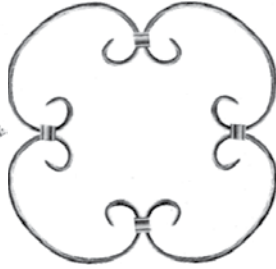
HF 31117

23x23
1,10 kg



HF 31118

34x34
1,50 kg



HF 31119

24x24
0,80 kg



HF 31120

24x24
1,07 kg



HF 31121

32x32
1,20 kg



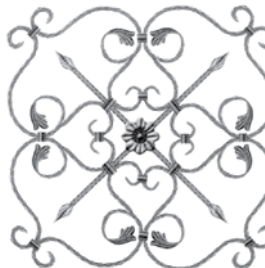
HF 31122

44x44
2,55 kg



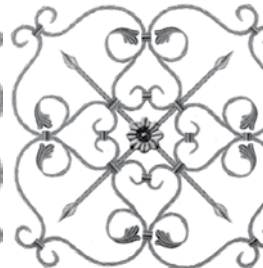
HF 31123

50x50
2,55 kg



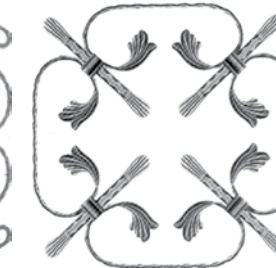
HF 31124

80x80
7 kg



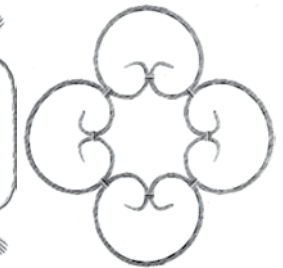
HF 31125

70x70
5,50 kg



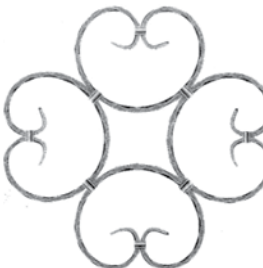
HF 31126

42x42
2 kg



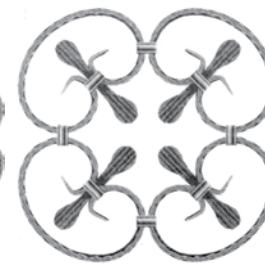
HF 31127

51x51
3,60 kg
□12



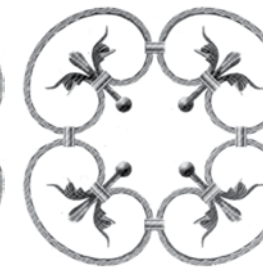
HF 31128

51x51
3,60 kg
□12



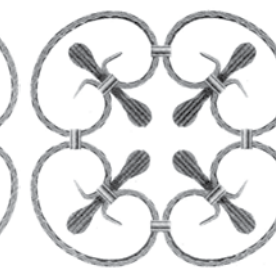
HF 31129

52,5x52,5
4,40 kg
□12



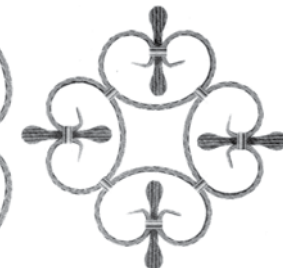
HF 31130

53x53
5,30 kg
□12



HF 31131

43x43
3,86 kg
□12



HF 31132

60x60
5,10 kg
□12



HF 31133

35x56
1,75 kg
□12



HF 31164

32x32



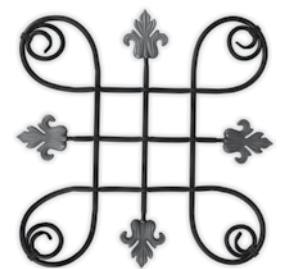
HF 31165

60x60



HF 31166

63x63



HF 31167

670x67



HF 31134

15x40
0,85 kg



HF 31135

15x40
0,85 kg



HF 31138

30x80
1,86 kg



HF 31139

30x80
3,65 kg
□12



HF 31140

28x70
3,10 kg
20x10



HF 31141

28x70
2,55 kg
20x10



HF 31142

26x70
2,70 kg
□12



HF 31143

15x60
0,96 kg



HF 31144

30x80
2,90 kg
16x8



HF 31145

35x80
4 kg
□12



HF 31146

35x80
2,62 kg



HF 31147

30x80
2,62 kg
□12



HF 31148

30x80
1,49 kg



HF 31149

30x80
2,82 kg
□12



HF 31150

30x80
1,60 kg



HF 31151

30x80
2,70 kg
16x8



HF 31152

32x70
2,85 kg
□12



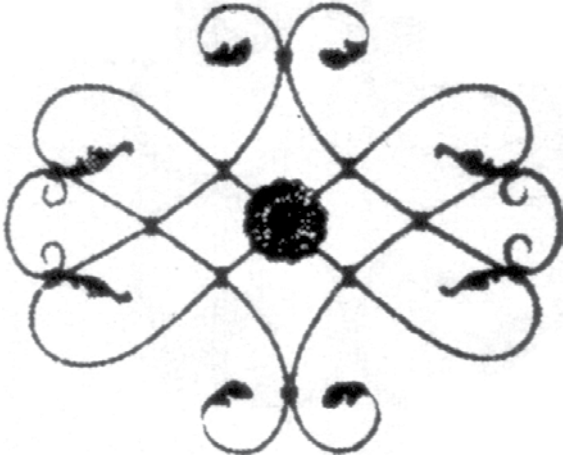
HF 31153

30x80
2,35 kg
□12



HF 31137

54x54
4,60 kg



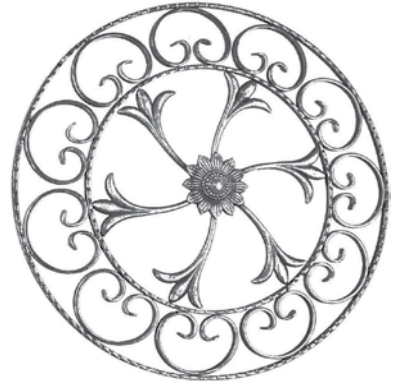
HF 31136

60x49
2,66 kg



HF 31154

60x60
9,20 kg



HF 31155

59x59
5,68 kg



HF 31156

75x90
12,45 kg



HF 31157

39x45
4,55 kg



HF 31158

52x110
13,82 kg



HF 31159

62x84
9,70 kg



HF 31160

66x80
20,00 kg



HF 31161

30x84
16,50 kg



HF 31162

60x110
21,50 kg



HF 31163

55x55



HF 31200

95x20
1,36 kg
12x6



HF 31201

126x38
3,50 kg
12x12



HF 31202

48x140
7,50 kg
25x10



HF 31203

85x25
1,21 kg
12x6



HF 31204

26x100
1,15 kg
12x6



HF 31205

25x95
1,54 kg
12x6



HF 31206

28x100
1,45 kg
12x6



HF 31209

10x20
0,55 kg
25x10



HF 31210

10x20
0,80 kg
30x10



HF 31211

17x30
1,55 kg
12x12



HF 31207

17x70
2 kg
30x10



HF 31208

17x70
2,70 kg
40x10



HF 31212

42x20
1,21 kg
□12

HF 31213

41,5x80
1,20 kg

HF 31214

32,5x7
0,29 kg

HF 31215

22,5x7
0,23 kg

HF 31216

34,5x80
1,53 kg

HF 31217

20,5x27
0,49 kg

HF 31218

15,5x25,5
0,43 kg

HF 31219

22,5x7
0,23 kg

HF 31220

53,5x7,5
0,61 kg

HF 31221

28,5x4,5
0,25 kg

HF 31222

22,5x8,5
0,26 kg

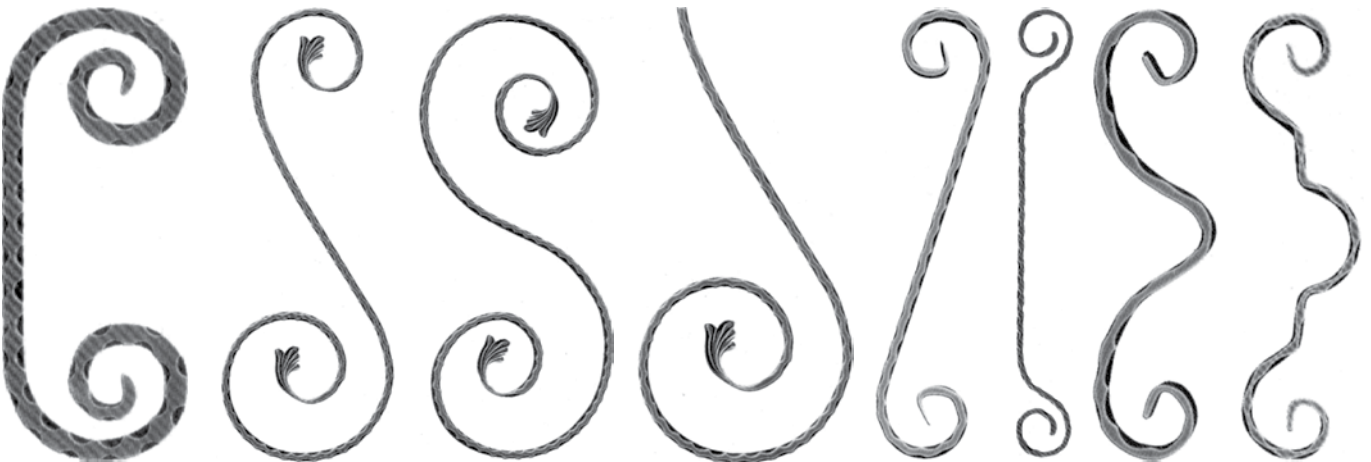
HF 31223

29,5x5,5
0,25 kg

HF 31224

27,5x5,5
0,25 kg

HF 31225

24,5x6,5
0,26 kg

HF 31226

24,5x8,5
0,72 kg
□12

HF 31227

29x80
2,25 kg
□12

HF 31228

34x80
2,95 kg
□12

HF 31229

65x29,5
1,67 kg
□12

HF 31230

51,5x10,5
0,50 kg

HF 31231

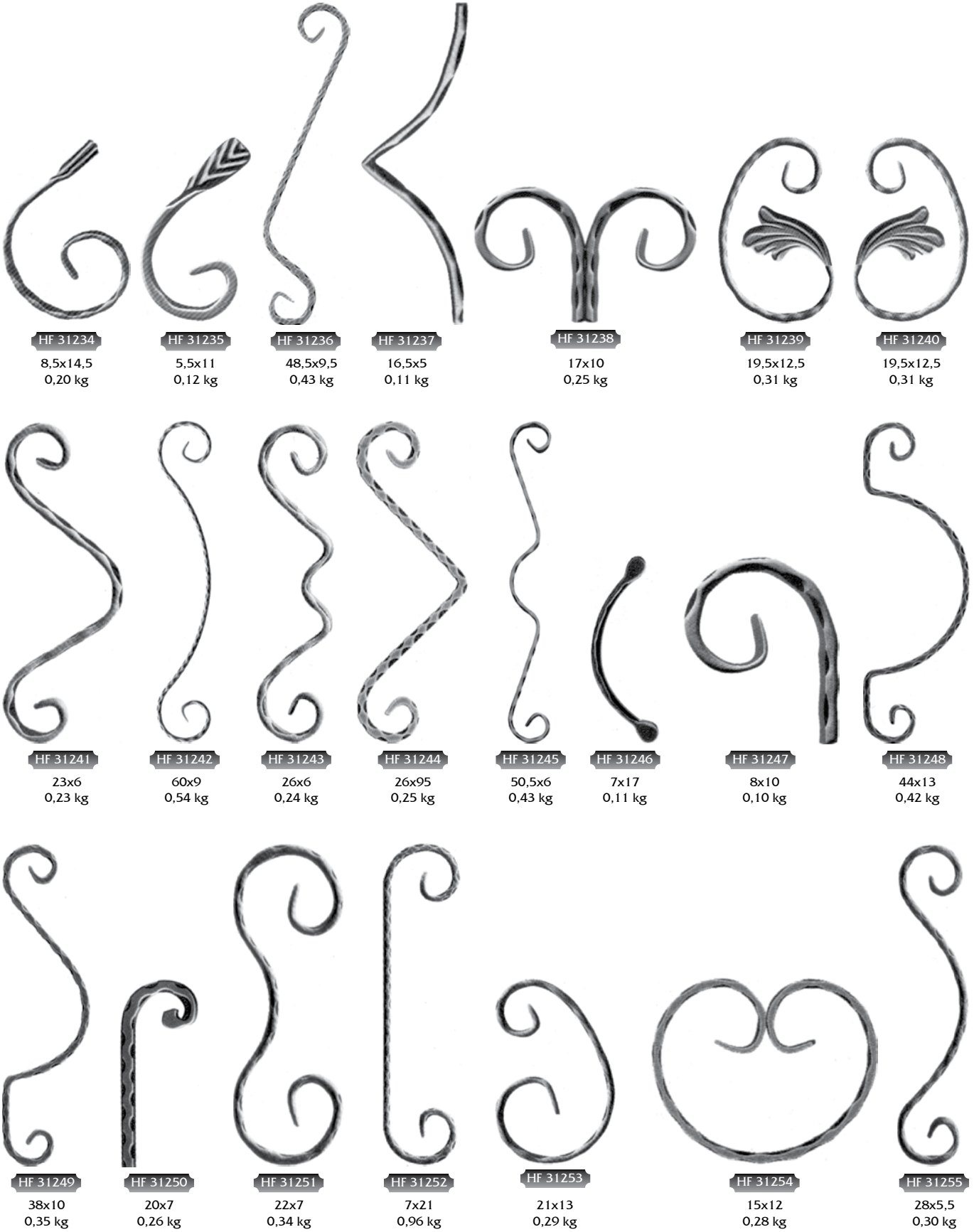
11x80
0,72 kg

HF 31232

23,5x6
0,23 kg

HF 31233

27,5x7
0,26 kg
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HF 31256
12x12
12cm
10 cm



HF 31257
12x6
12cm
10 cm



HF 31260
15x10
0,29 kg



HF 31261
15x10
0,29 kg



HF 31262
18x11
0,23 kg



HF 31263
18x11
0,23 kg



HF 31264
12x31
0,55 kg



HF 31265
12x31
0,55 kg



HF 31266
8,5x30
0,27 kg



HF 31267
8,5x30
0,27 kg



HF 31268
12,5x28
0,38



HF 31269
12,5x28
0,38



HF 31270
12,5x28
0,38



HF 31271
12,5x28
0,38



HF 31272
15x10
0,29 kg



HF 31273
15x10
0,29 kg



HF 31259
15x10
0,23 kg

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CODE	B x H
HF 31300	12.5x36
HF 31301	15x45
HF 31302	17.5x60



CODE	B x H
HF 31303	22.5x14
HF 31304	22x14.5



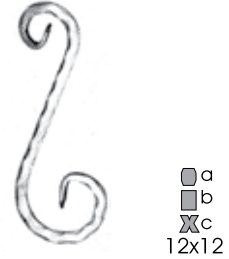
CODE	B x H
HF 31305	22.5x12
HF 31306	23.5x14
HF 31307	21.5x15



CODE	B x H
HF 31308	8.5x5
HF 31309	12x7
HF 31310	15x8.5
HF 31311	20x11
HF 31312	13x7.5
HF 31313	22x13



CODE	B x H
HF 31314	14x5.5
HF 31315	17x6.5
HF 31316	22x9
HF 31317	30x12
HF 31318	35x13.5
HF 31319	50x15
HF 31320	60x15
HF 31321	40x14.5



CODE	B x H
HF 31322	27x9
HF 31323	45x16
HF 31324	72x26
HF 31325	22x9



CODE	B x H
HF 31326	15x6.5
HF 31327	17x6.5
HF 31328	25.5x8.5
HF 31329	27x9
HF 31330	8.5x30
HF 31331	8.5x22



CODE	B x H
HF 31332	22x7
HF 31333	14.5x7.5
HF 31334	19x9.5
HF 31335	30x11
HF 31336	28x7



CODE	B x H
HF 31337	14x6
HF 31338	17x7
HF 31339	19.5x5



CODE	B x H
HF 31340	13x7.5
HF 31341	15x9
HF 31342	17.5x11
HF 31343	22x13
HF 31344	25.5x17
HF 31345	28.5x19
HF 31346	32x17.5



CODE	B x H
HF 31347	15x9
HF 31348	17.5x1
HF 31349	22x13



CODE	B x H
HF 31350	24x9.5
HF 31351	30x10



HF 31500
10 mm



HF 31501
12 mm



HF 31502
14 mm



HF 31503
16 mm



HF 31504
18 mm



HF 31505
20 mm



HF 31506
24 mm



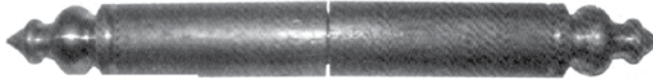
HF 31507
26 mm



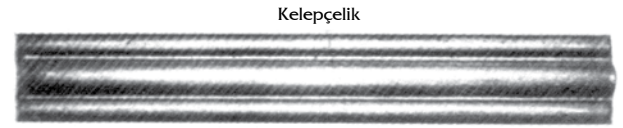
HF 31508
30 mm



HF 31509
36 mm



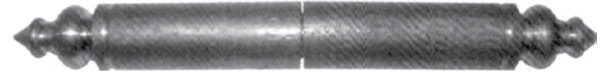
HF 31511
24 mm



HF 31510
17 mmx200 cm



HF 31513
18 mm



HF 31512
22 mm

40
60
80
100

40
60
80
100

60
80
100

60
80
100

80
100

40
60
80
100

KOZALAKLAR



HF 31514
12 mm



HF 31515
12 mm



HF 31516
12 mm



HF 31517
12 mm



HF 31518
12 mm



HF 31519
12 mm



HF 31520
24 mm
1,52 kg



HF 31521
16 mm
0,46 kg



HF 31522
14 mm
1,26 kg



HF 31523
12 mm
0,19 kg

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Özel İmalatlar Yapılır
Mamüllerimiz
Siyah Antipas Boyalıdır

12

Tolerans
En +/- %2
Boy +/- %1

İSTEĞE GÖRE:

Kenar Dövmeli Kare
Düz Kare



Yivli Kare

Nevürlü Kare

Yivli & Nevürlü Kare

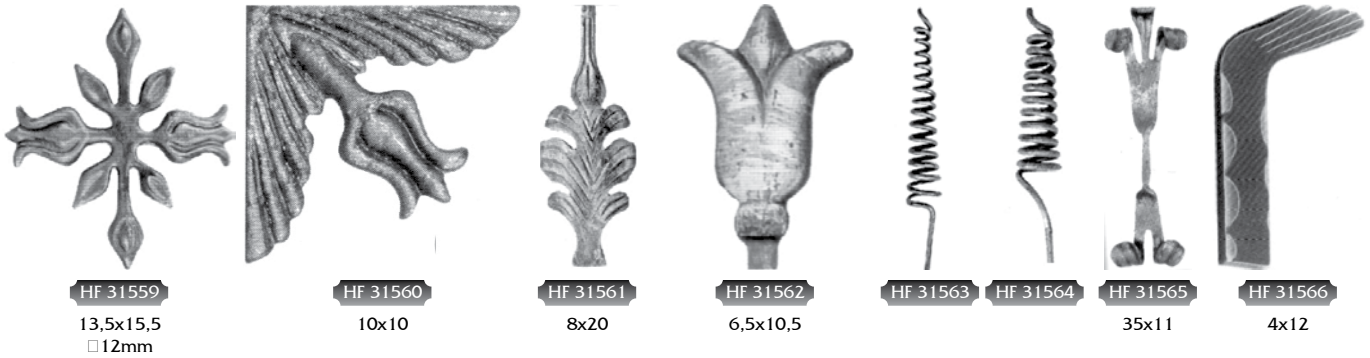
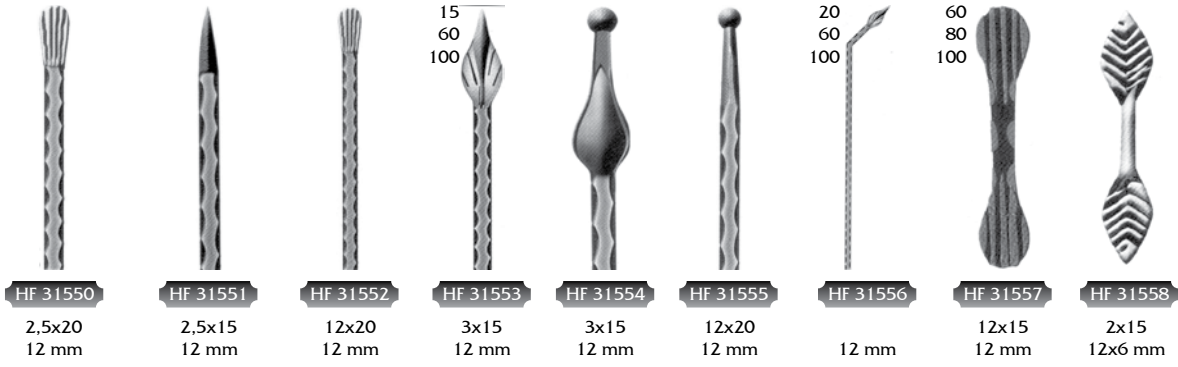
HALBUT
FERFORJE

23

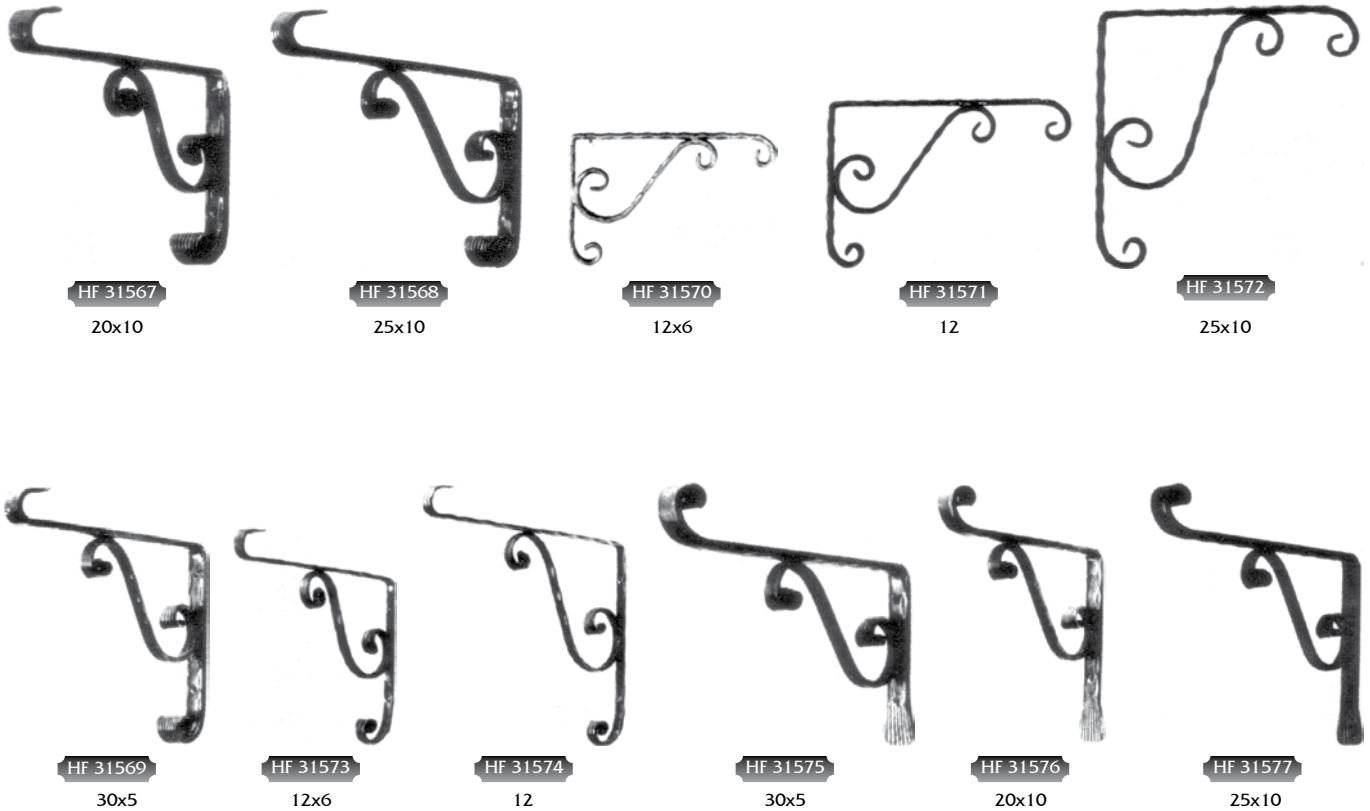


Hot forged Pieces

SICAK DÖVME MIZRAKLAR & RAF AYAKLARI



STANDART BOY 25X23 cm



Kobra Dövme Halka Dövme Çiçek Dövme Kalp Dövme



10X10
12X6
12X12
14X14
16X16

20x10
25x10
30x10
40x10
30x5
40x5

30x5
30x10
40x5
40x10

30x5
30x10
40x5
40x10

30x5
30x10
40x5
40x10



12x12 16x8

Kanallı Kare



20x5 20x10 25x10

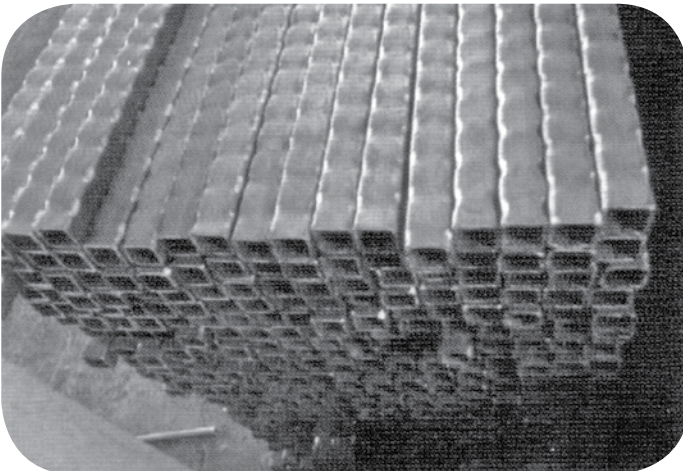
İzli Demirler



30x5 30x10 40x5 40x10 50x5 50x10

İzli Demirler

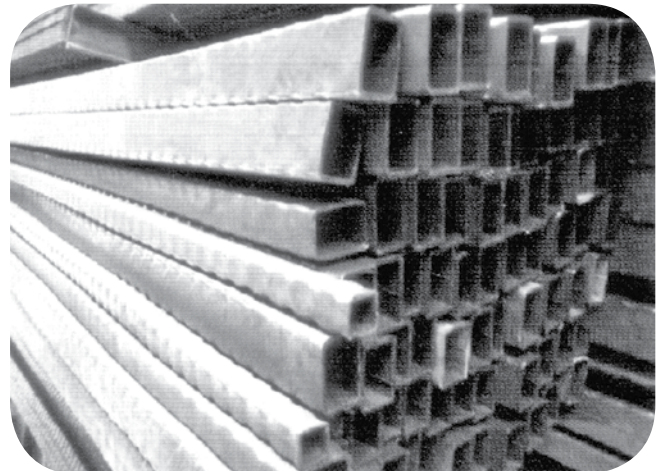
10x10
12x6
12x12
14x14
16x8
16x16
20x20
25x25



İzli Kare Profiller

20x20
30x30
40x40
50x50

1,5 ve 2 mm



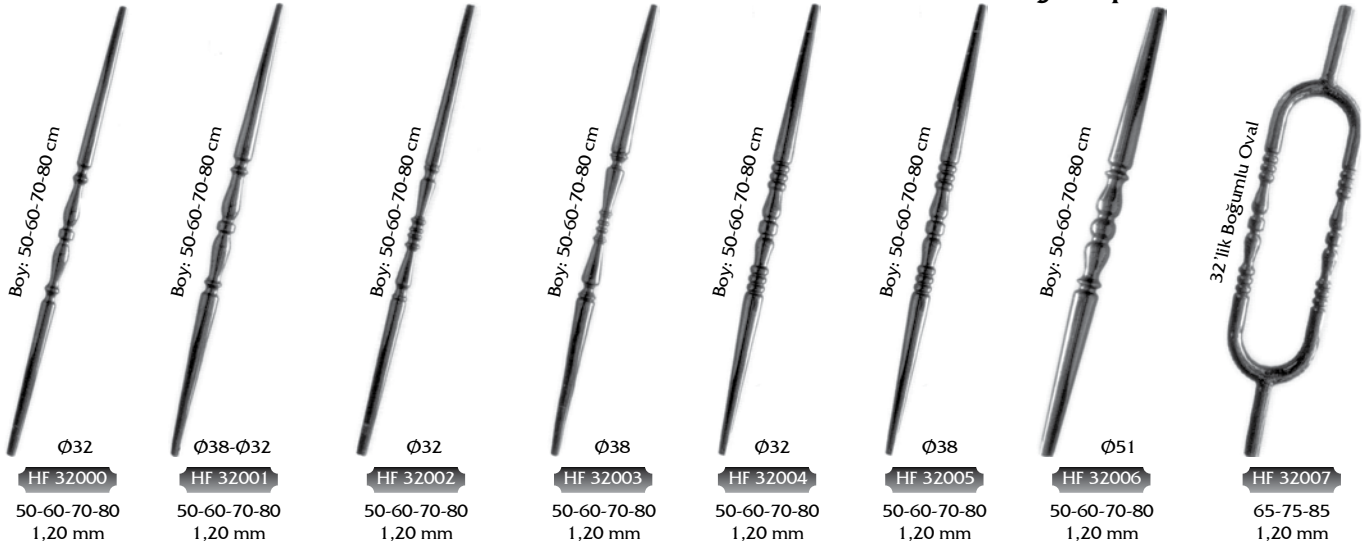
İzli Dikdörtgen Profiller

20x30
20x40
30x40
30x50
40x60
40x80

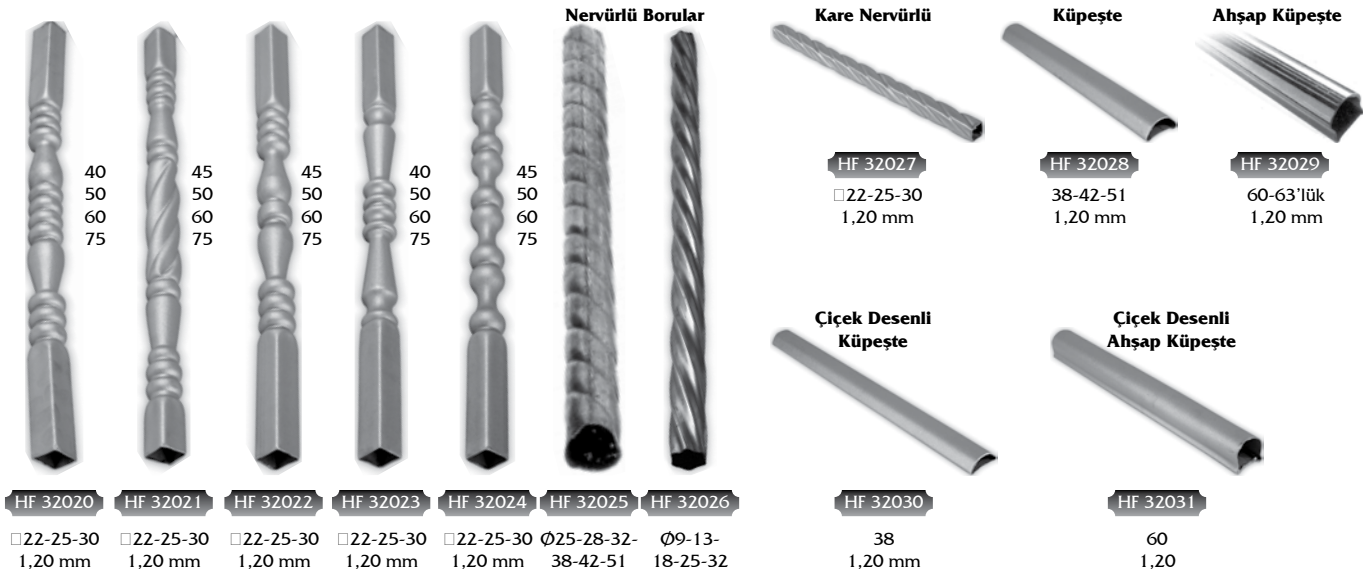
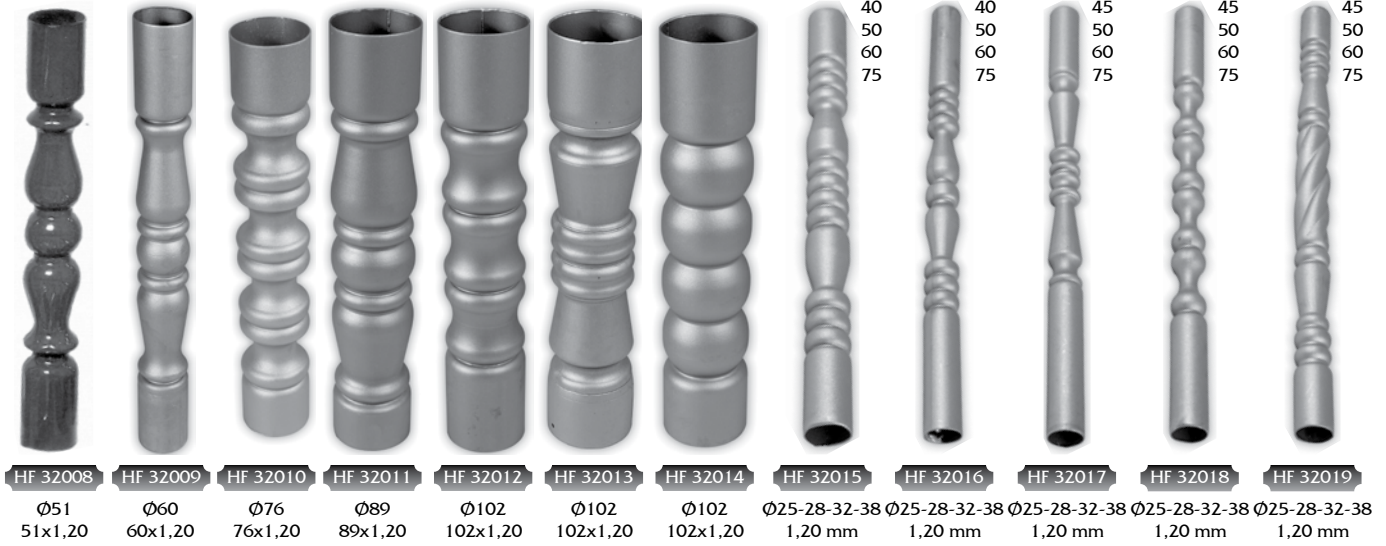
1,5 ve 2 mm



Konik 2 Serisi



Standart Boy 6 mt.





HF 34076
88x140mm
26mm



HF 34077
34x120mm
19mm



HF 34081
61x122mm
29mm



HF 34082
53x108mm
25mm



HF 34083
35x118mm
30mm



HF 34084
65x142mm
16mm



HF 34085
57x120mm
20mm



HF 34086
70x153mm
16mm



HF 34094
73x185mm
30mm



HF 34098
69x103mm
12mm



HF 34119
57x131mm
14mm



HF 34120
61x145mm
13mm



HF 34121
76x183mm
16mm



HF 34122
49x140mm
25mm



HF 34123
66x190mm
38mm



HF 34124
57x112mm
12mm



HF 34125
70x153mm
16mm



HF 34126
55x125mm
12mm



3412801
54x104mm
16mm



HF 34128
65x118mm
24mm



HF 34129
91x150mm
30mm



HF 34140
52x165mm
27mm



HF 34142
68x185mm
36mm



HF 34146
67x123mm
21mm



HF 34147
84x152mm
25mm



HF 34148
63x155mm
21mm



HF 34163
61x120mm
25mm



HF 34164
55x120mm
14mm



HF 34167
35x119mm
16mm



HF 34168
79x135mm
16mm



HF 34169
49x186mm
37mm



HF 34170
60x105mm
16mm



HF 34327
59x122mm
12mm



HF 34250
55x120mm
14mm



HF 34246
69x151mm
14mm



HF 34001

45x90mm
1mm



HF 34002

80x80mm
1mm



HF 34003

55x50mm
1mm



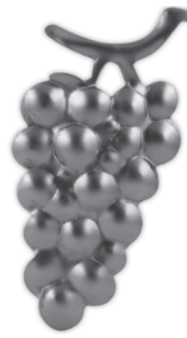
HF 34004

110x110mm
1mm



HF 34005

80x80mm
1mm



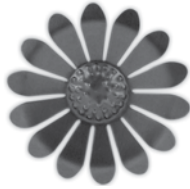
HF 34006

70x135mm
1mm



HF 34007

45x90mm
1mm



HF 34008

65x65mm
0,5mm



HF 34009

80x80mm
0,5mm



HF 34010

170x170mm
1mm



HF 34011

80x90mm
1mm



HF 34012

40x225mm
1mm



HF 34013

25x150mm
1mm



HF 34015

90mm
2mm



HF 34016

40x75mm
2mm



HF 34017

35x100mm
1mm



HF 34018

35x100mm
1mm



HF 34019

35x100mm
1mm



HF 34020

65x90mm
2mm



HF 34021

65x90mm
2mm



HF 34022

30x90mm
2mm



HF 34023

30x90mm
2mm



HF 34024

40x115mm
2mm



HF 34025

40x115mm
2mm



HF 34026

65x190mm
2mm



HF 34027

65x190mm
2mm



HF 34028

65x70mm
2mm



HF 34029

65x70mm
2mm



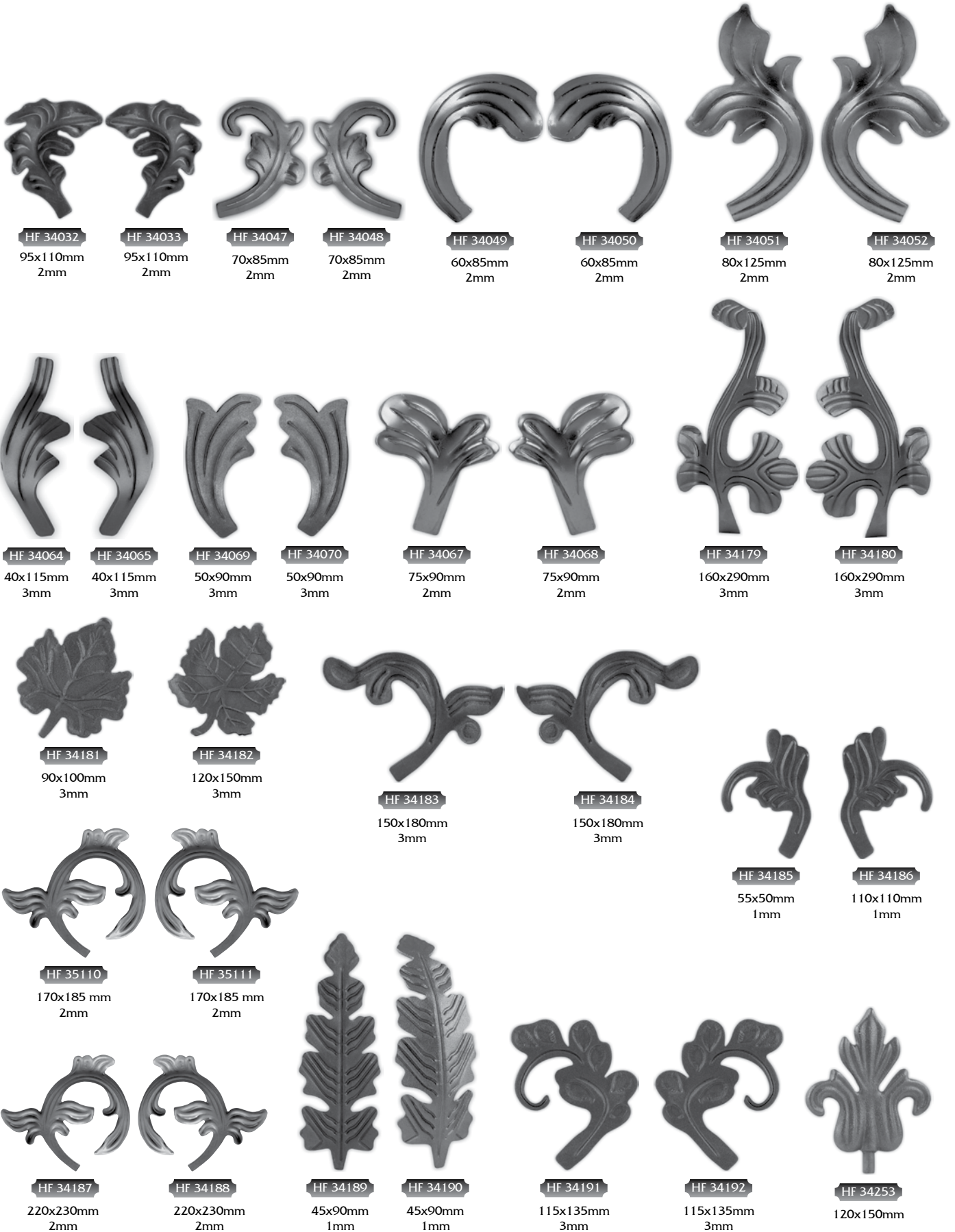
HF 34030

75x110mm
2mm



HF 34031

75x110mm
2mm





HF 34274

35x70mm
1mm



HF 34308

99x115mm
2mm



HF 34309

99x115mm
2mm



HF 34322

50x85mm
2mm



HF 34323

65x113mm
2mm



HF 34324

83x145mm
2mm



HF 34328

80x310mm
3mm



HF 34329

80x310mm
3mm



HF 34482

56x290 mm
2mm



HF 34337

145x270mm
2mm



HF 34338

145x270mm
2mm



HF 34339

35x165mm
2mm



HF 34340

35x165mm
2mm



HF 34332

170x242 mm
2mm



HF 34343

135x230mm
2mm



HF 34344

135x230mm
2mm



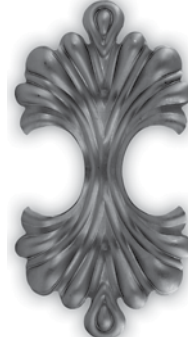
HF 34345

173x183mm
2mm



HF 34346

173x183mm
2mm



HF 34341

130x245 mm
2mm



HF 34347

135x230 mm
2mm



HF 34348

135x230 mm
2mm



HF 34349

130x164 mm
2mm



HF 34350

130x164 mm
2mm



HF 34351

85x160 mm
13mm



HF 34352

75x100 mm
12mm



HF 34355

95x200 mm
2mm



HF 34356

95x200 mm
2mm



HF 35050

135x300 mm
3mm



HF 34353

170x180 mm
2mm

HF 34354

170x180 mm
2mm

HF 34357

175x295mm
2mm

HF 34358

175x295mm
2mm

HF 34359

140x240mm
2mm

HF 34360

140x240mm
2mm

HF 34361

170x230mm
2mm

HF 34362

47x150mm
2mm

HF 34363

45x108mm
2mm

HF 34364

47x110mm
2mm

HF 34366

45x70mm
1mm

HF 34367

60x100mm
2mm

HF 34394

90x170mm
2mm

HF 34395

90x100mm
2mm

HF 34396

90x100mm
2mm

HF 34397

73x140mm
2mm

HF 34398

48x95mm
2mm

HF 34403

60x85mm
2mm

HF 34404

60x85mm
2mm

HF 34405

210x340mm
2mm

HF 34406

210x340mm
2mm

HF 34407

105x260mm
2mm

HF 34408

105x260mm
2mm

HF 34409

130x220mm
2mm

HF 34410

130x220mm
2mm

HF 34411

135x375mm
2mm

HF 34412

50x180mm
2mm



HF 10001

55x175 mm



HF 10002

65x195 mm



HF 34413

68x195 mm
2mm



HF 34414

44x145 mm
2mm



HF 34415

95x230 mm
2mm



HF 34416

120x250 mm
2mm



HF 34417

70x170 mm
2mm



HF 34418

75x85 mm
2mm



HF 34419

75x115 mm
2mm



HF 35077

210x260 mm
1mm



HF 35076

210x260 mm
1mm



HF 35078

250x280 mm
1mm



HF 35079

250x280 mm
1mm



HF 35093

85x230 mm
1mm



HF 35094

85x230 mm
1mm



HF 35096

130x230 mm
2mm



HF 35095

130x230 mm
2mm



HF 35097

80x220 mm
2mm



HF 35098

80x220 mm
2mm



HF 35099

90x190 mm
2mm



HF 35100

90x190 mm
2mm



HF 35105

85x110 mm
2mm



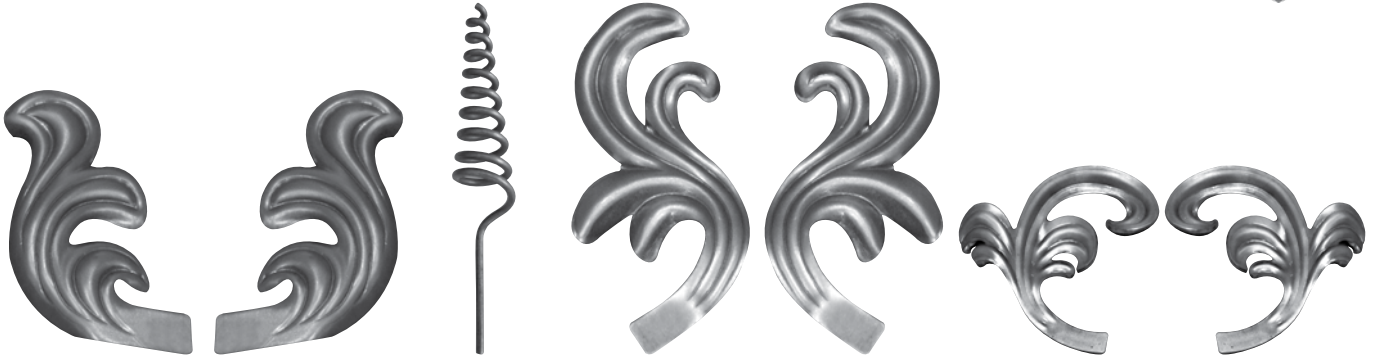
HF 35106

85x110 mm
2mm



HF 35107

95x100 mm
2mm



HF 35108

40x110 mm
2mm

HF 35109

40x110 mm
2mm

HF 35124

183 mm

HF 35115

50x120 mm
2mm

HF 35114

50x120 mm
2mm

HF 35112

95x110 mm
2mm

HF 35113

95x110 mm
2mm

HF 35116

80x135 mm
2mm

HF 35117

80x135 mm
2mm

HF 35046

90x180 mm

HF 35047

120x180 mm

HF 34465

460x600 mm



HF 34466

490x530 mm



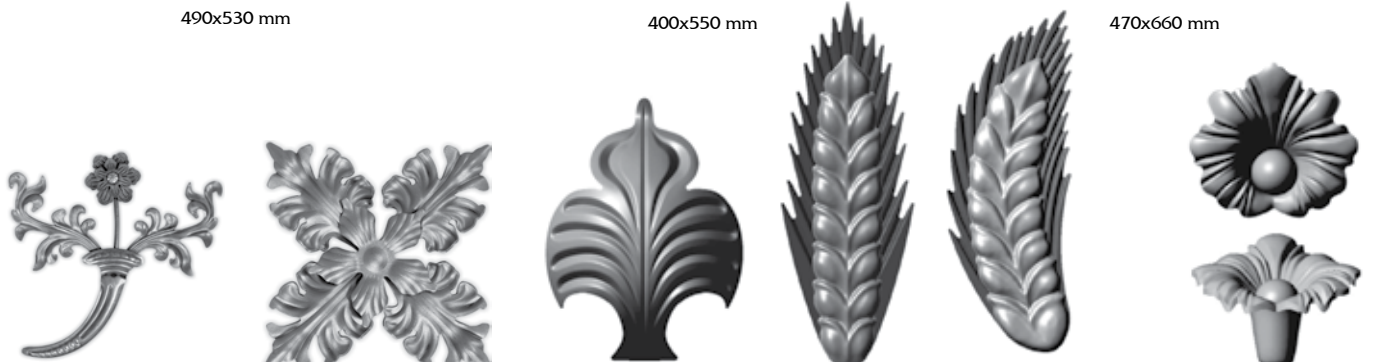
HF 34467

400x550 mm



HF 34469

470x660 mm



HF 35024

360x380 mm

HF 35025

180x180 mm

HF 35240

73x97 mm
2 mm

HF 35232

73,5x210,5 mm
16 mm

HF 35231

73x200 mm
21 mm

HF 35025

73x67 mm



HF 35007

270x310 mm
1mm



HF 35008

270x310 mm
1mm



HF 35009

300x490 mm
1mm



HF 35010

300x490 mm
1mm



HF 35073

170x300 mm
1mm



HF 35072

170x300 mm
1mm



HF 35074

140x340 mm
1mm



HF 35075

140x340 mm
1mm



HF 35065

75x250 mm
1mm



HF 35066

75x250 mm
1mm



HF 35057

180x275 mm
1mm



HF 35056

180x275 mm
1mm



HF 35052

175x210 mm
1mm



HF 35053

140x160 mm
1mm



HF 35054

120x285 mm
1mm



HF 34334

65x410 mm
1mm



HF 34481

100x670 mm
1mm



HF 34335

65x410 mm
1mm



HF 35055

175x710 mm
1mm



HF 35091

130x216 mm
1mm



HF 35092

130x262 mm
1mm



HF 34206

150x158 mm
2 mm

HF 34207

170x179 mm
2 mm

HF 34208

210x222 mm
2 mm

HF 34209

250x263 mm
2 mm

HF 34210

110x140 mm
2 mm

HF 34197

50x76 mm
3 mm

HF 34211

180x210 mm
2 mm

HF 34212

230x235 mm
2 mm

HF 34213

75x115 mm
2 mm

HF 34214

105x155 mm
2 mm

HF 34216

130x195 mm
2 mm

HF 34198

79x117 mm
3 mm

3513401

145x147 mm
1 mm

3513402

100x117 mm
1 mm

3513403

83x95 mm
1 mm

3513404

66x78 mm
1 mm

3513405

45x57 mm
1 mm

HF 34102

43x137 mm
2 mm

HF 34106

50x142 mm
2 mm

HF 34107

50x142 mm
2 mm

HF 34193

48x240 mm
2 mm

HF 34218

61x222 mm
2 mm

HF 35171

184x860 mm
1 mm

3517101

184x860 mm
1 mm

HF 35172

68x240 mm
1 mm

HF 35173

70x240 mm
2 mm

HF 35174

70x240 mm
2 mm

HF 35175

70x240 mm
2 mm



HF 35177
80x84 mm
2mm



HF 35178
102x106 mm
2mm



HF 35179
128x133 mm
2mm



HF 35220
70x70 mm
2mm



HF 35221
95x87 mm
2mm



HF 35222
125x118 mm
2mm



HF 35223
143x150 mm
2mm



HF 35212
85x140 mm
2mm



HF 35213
110x195 mm
2mm



HF 35180
61x222 mm
2mm



HF 35181
88x49 mm
2mm



HF 35182
85 mm
2mm



HF 35183
85 mm
2mm



HF 35214
172,5x56 mm
2mm



HF 35215
172,5x56 mm
2mm



HF 35216
59x222 mm
2mm



HF 35217
61x222 mm
2mm



HF 35218
61x222 mm
2mm



HF 35219
40x180 mm
2mm



HF 35224
210,5x73,5 mm
2mm



HF 35225
73x200 mm
2mm



HF 35226
73x200 mm
2mm



HF 35227
46,5x250 mm
2mm



HF 35228
83x229 mm
2mm



HF 35229
83x229 mm
2mm



HF 35230
73x200 mm
2mm



HF 34095
145 mm
1mm



HF 34330
140 mm
1mm



HF 34331
146 mm
1mm



HF 34333
184 mm
1mm



HF 35090
175 mm
1mm



HF 35089
130 mm
1mm



HF 34391
100 mm
1mm



HF 35017
230x290 mm
1mm



HF 35018
230x290 mm
1mm



HF 34097
230x255 mm
1mm



HF 34096
240x410 mm
1mm



HF 34336
300x450 mm
1mm



HF 34383
205x400 mm
1mm



HF 34384
270x470 mm
1mm



HF 34202
110x340 mm
1mm



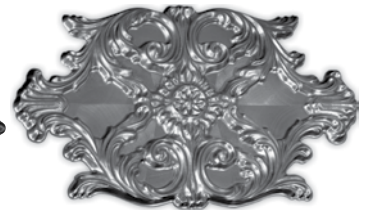
HF 35012
165x235 mm
1mm



HF 35013
140x270 mm
1mm



HF 35014
180x450 mm
1mm



HF 35015
220x380 mm
1mm



HF 35016
235x430 mm
1mm



HF 34203
100x310 mm
1mm



HF 34385
90x234 mm
1mm



HF 34368
160x220 mm
1mm



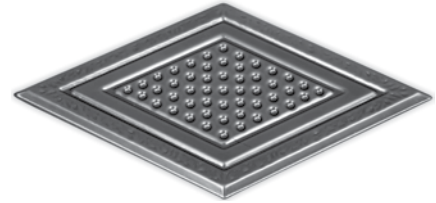
HF 34471

140x290 mm
1mm



HF 34472

170x340 mm
1mm



HF 34486

210x380 mm
1mm



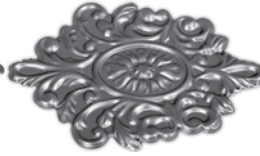
HF 34473

260x330 mm
1mm



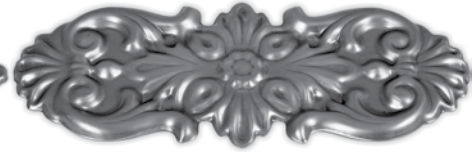
HF 34474

130x560 mm
1mm



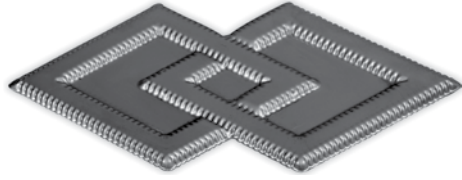
HF 34475

310x430 mm
1mm



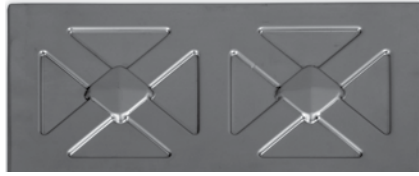
HF 34476

140x360 mm
1mm



HF 34485

280x660 mm
1mm



HF 34490

250x460 mm
1mm



HF 34491

250x250 mm
1mm



HF 34470

280x470 mm
1mm



HF 34487

250x670 mm
1mm



HF 34488

220x580 mm
1mm



HF 34489

190x530 mm
1mm



HF 34492

360x600 mm
1mm



HF 34493

350x350 mm
1mm



HF 34494

320x390 mm
1mm



HF 34495

340x450 mm
1mm



HF 34496

260x340 mm
1mm



HF 34497

300x320 mm
1mm



HF 34498

250x400 mm
1mm



HF 35011

340x710 mm
1mm



HF 34390

120x120 mm
1mm



HF 34386

200x200 mm
1mm



HF 34388

155x155 mm
1mm



HF 34389

110x110 mm
1mm



HF 34382
168x340 mm
1mm



HF 35051
125x195 mm
1mm



HF 35058
235x350 mm
1mm



HF 35059
200x285 mm
1mm



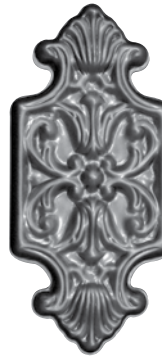
HF 34387
170x170 mm
1mm



HF 35060
235x395 mm
1mm



HF 35061
240x275 mm
1mm



HF 35062
100x215 mm
1mm



HF 35063
130x290 mm
1mm



HF 35064
160x275 mm
1mm



HF 35000
290x470 mm
1mm



HF 35001
200x650 mm
1mm



HF 35003
115x640 mm
1mm



HF 35006
120x570 mm
1mm



HF 35002
200x650 mm
1mm



HF 35004
115x640 mm
1mm



HF 35005
240x500 mm
1mm



HF 34477
100x270 mm
1mm



HF 34478
100x270 mm
1mm



HF 34479
130x400 mm
1mm



HF 34480
130x400 mm
1mm



HF 34483
200x250 mm
1mm



HF 34484
200x250 mm
1mm



HF 34392
131x155 mm
1mm



HF 34393
260x330 mm
1mm



HF 35190
218x334 mm
1mm



HF 35189
218x334 mm
1mm



HF 35316
89x163 mm
1mm



HF 35317
89x163 mm
1mm



HF 35192
79x282 mm
1mm



HF 35191
79x282 mm
1mm



3500601
95x465 mm
1mm



HF 35195
77x198 mm
1mm



HF 35196
77x198 mm
1mm



HF 35197
72x1000
1mm



HF 35198
80x1000 mm
3mm



3433501
70x1000 mm
1 mm



3433401
70x1000 mm
1 mm



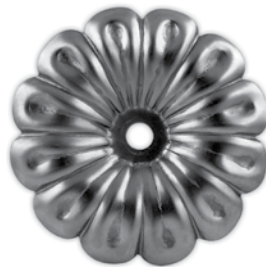
HF 34034

70 mm
1mm



HF 34035

100 mm
2mm



HF 34036

120 mm
2mm



HF 34037

70 mm
1mm



HF 34038

100 mm
2mm



HF 34039

2mm



HF 34040

70 mm
1mm



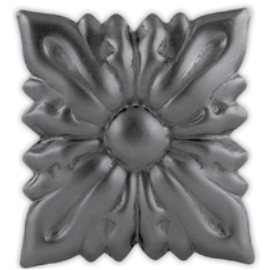
HF 34041

115 mm
1mm



HF 34045

100 mm
1mm



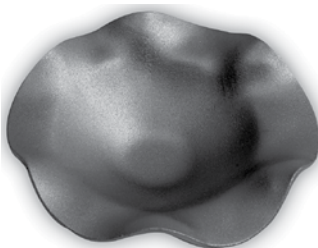
HF 34046

75x85 mm
1mm



HF 34061

46 mm
1mm



HF 34062

103 mm
2mm



HF 34066

105 mm
2mm



HF 34071

95 mm
2mm



HF 34078

50 mm
7mm



HF 34088

60 mm
3mm



HF 34089

60 mm
3mm



HF 34139

85 mm
11mm



HF 34239

64,5 mm
3mm



HF 34240

93,5 mm
3mm



HF 34241

118 mm
3mm



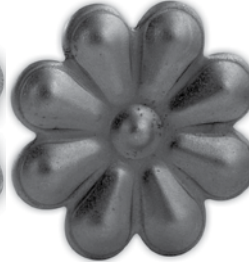
HF 34242

118 mm



HF 34243

93,5 mm



HF 34273

60 mm
2mm



HF 34310

80x80 mm
1mm



HF 34311

50x50 mm
1mm



HF 34312

60 mm
2mm



HF 34313

60 mm
2mm



HF 34314

87 mm
2mm



HF 34315

55 mm
2mm



HF 34316

148 mm
2mm



HF 35067

95 mm
2mm



HF 35068

100 mm
2mm



HF 35069

85 mm
2mm



HF 35070

115 mm
2mm



34091-92

Ø65mm
Ø95mm
1 mm



HF 35184

66x108 mm
1 mm

0123

HF 34048

h:100x3 mm

0123

3504801

h:150x3 mm

ABC

HF 35049

h:100x3 mm

ABC

3504901

h:150x3 mm



3427500

76x76 mm
3mm

3427512

76x76 mm
3mm
İç 12x12

3427514

76x76 mm
3mm
İç 14x14

3427516

76x76 mm
3mm
İç 16x16

3427520

76x76 mm
3mm
İç 20x20

3427524

76x76 mm
3mm
İç 24x24

3427530

76x76 mm
3mm
İç 30x30

3427521

76x76 mm
3mm
İç 20x10

3427531

76x76 mm
3mm
İç 30x10

3427541

76x76 mm
3mm
İç 40x10

3427700

103 mm
3mm

3427712

103 mm
3mm
İç 12x12

3427714

103 mm
3mm
İç 14x14

3427716

103 mm
3mm
İç 16x16

3427720

103 mm
3mm
İç 20x20

3427724

103 mm
3mm
İç 24x24

3427730

103 mm
3mm
İç 30x30

3427740

103 mm
3mm
İç 40x40

3427721

103 mm
3mm
İç 20x10

3427731

103 mm
3mm
İç 30x10

3427741

103 mm
3mm
İç 40x10



3415212

h:19 mm
dış : 44x44 mm
iç : 12x12 mm



3415214

h:19 mm
dış : 44x44 mm
iç : 14x14 mm



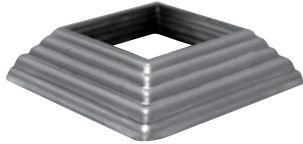
3415216

h:19 mm
dış : 44x44 mm
iç : 16x16 mm



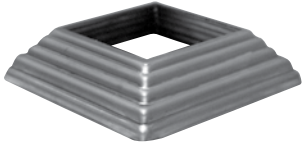
3415220

h:22 mm
dış : 57x57 mm
iç : 20x20 mm



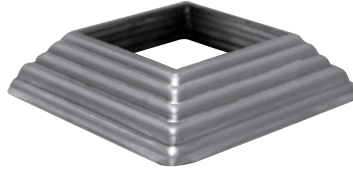
3415225

h:30 mm
dış : 80x80 mm
iç : 25x25 mm



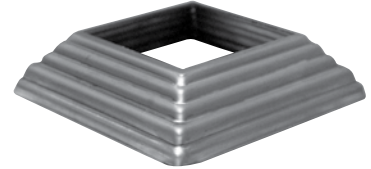
3415230

h:30 mm
dış : 80x80 mm
iç : 30x30 mm



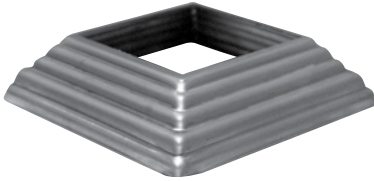
3415240

h:30 mm
dış : 90x90 mm
iç : 40x40 mm



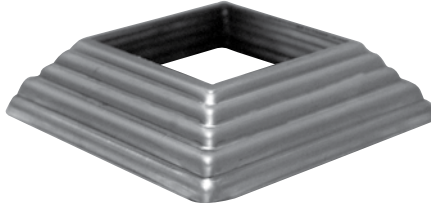
3415250

h:30 mm
dış : 100x100mm
iç : 50x50 mm



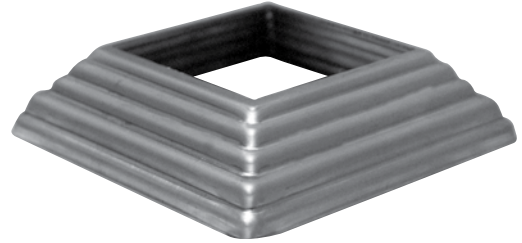
3415260

h:28 mm
dış : 98x98 mm
iç : 60x60 mm



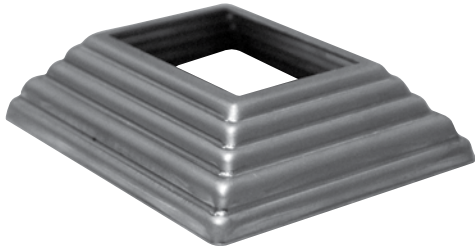
3415280

h:28 mm
dış : 120x120mm
iç : 80x80 mm



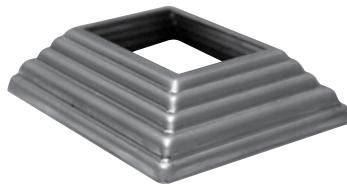
3415210

h:28 mm
dış : 142x142mm
iç : 100x100 mm



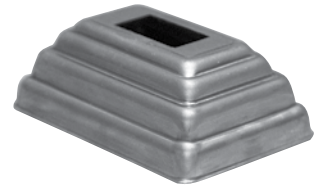
3415246

h:28 mm
dış : 90x110mm
iç : 40x60 mm



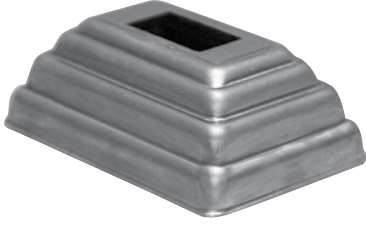
3415243

h:30 mm
dış : 85x75mm
iç : 40x30 mm



3409321

h:28 mm
dış : 35x65mm
iç : 20x10 mm



3409331
h:22 mm
dış:67x45mm
iç :30x10 mm



3409341
h:22 mm
dış:75x45mm
iç :40x10 mm



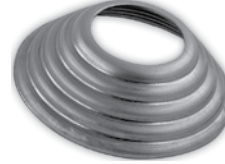
3409351
h:22 mm
dış:83x45mm
iç :50x10 mm



3430000
h:25 mm
dış:80 mm
iç :25 mm



3430100
h:25 mm
dış:80 mm
iç :28 mm



3430200
h:25 mm
dış:80 mm
iç :32 mm



3430300
h:30 mm
dış:97 mm
iç :38 mm



3430400
h:30 mm
dış:97 mm
iç :42 mm



3430500
h:30 mm
dış:97 mm
iç :48 mm



3430600
h:30 mm
dış:110 mm
iç :51 mm



3430700
h:30 mm
dış:110 mm
iç :60 mm



3404130
dış:115 mm
iç :30x30 mm



3404140
dış:115 mm
iç :40x40 mm



Hot forged pieces

ARA PARÇALAR



HF 34166
52x200 mm
12mm



HF 34220
30x150 mm
12mm



HF 34224
32x90 mm
12mm



HF 34225
35x150 mm
12mm



HF 34226
25x119 mm
12mm



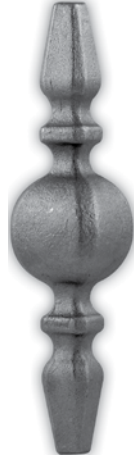
HF 34227
30x150 mm
14mm



HF 34228
33x200 mm
14mm



HF 34232
23x160 mm
13mm



HF 34233
45x200 mm
13mm



3422024
44x150 mm
24mm



3422524
45x150 mm
24mm



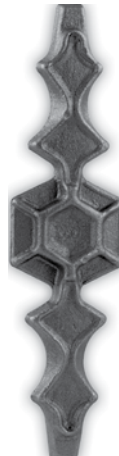
3422824
45x200 mm
24mm



HF 34234
65x200 mm
12mm



HF 34235
55x200 mm
12mm



HF 34236
50x200 mm
12mm



HF 34251
55x120 mm
14mm



HF 34165
55x120 mm
Ø14mm



HF 34325
60x200 mm
12mm



HF 34326
60x200 mm
12mm



HF 34159
40x130 mm
16mm



3415914
130 mm
14mm



3415916
130 mm
16mm



HF 34252
60x170 mm
16mm



HF 34254
60x170 mm
20mm



HF 34079
36x61 mm
12mm



HF 34080
60 mm
24mm



HF 34130
34x79 mm
28mm



HF 34131
49x90 mm
42mm



HF 34144
55x96 mm
30mm



HF 34145
53x104 mm
24mm



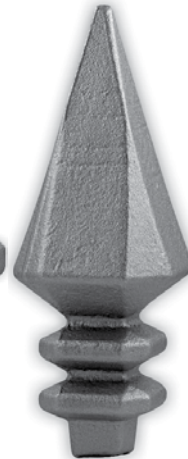
HF 34219
63x113 mm
53mm



HF 34229
75x140 mm
26mm



HF 34230
70x115 mm
23mm



HF 34231
68x187 mm
22mm



HF 34237
67x120 mm
26mm



HF 34238
59x102 mm
20mm



HF 34244
43x85 mm
16mm



HF 34245
43x102 mm
16mm



HF 34432
25x94 mm
12mm



HF 34433
40x122 mm
19mm



HF 34421
55x74 mm
15mm



HF 34422
72x99 mm
20mm



Rivets

KABARALAR ve SICAK DÖVME ARA PARÇALAR



3412700

Bağlantı : 6mm
25 mm



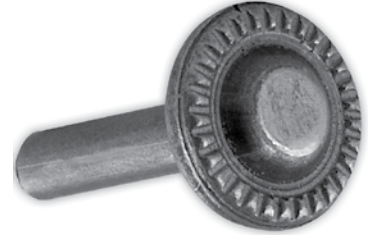
3412701

25 mm



HF 34150

Bağlantı : 6mm
19x40 mm



HF 34151

Bağlantı : 6mm
19x40 mm



HF 34282

Bağlantı : 10mm
22x32 mm



HF 34283

Bağlantı : 10mm
21x32 mm



HF 34284

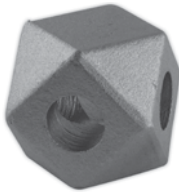
Bağlantı : 10mm
18x33 mm



HF 34295

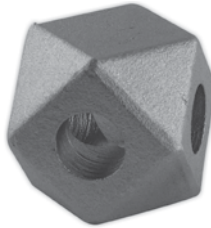
Bağlantı : 6mm
10x25 mm

Sıcak Dövme



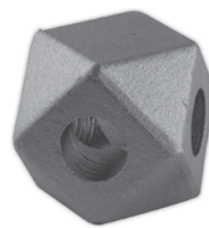
HF 34247

40x40 mm
Ø16mm



HF 34248

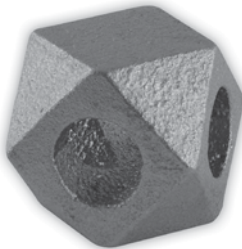
50x50 mm
Ø18mm



HF 34249

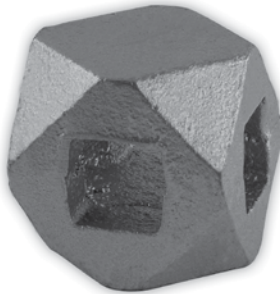
50x50 mm
Ø20mm

Pik Döküm



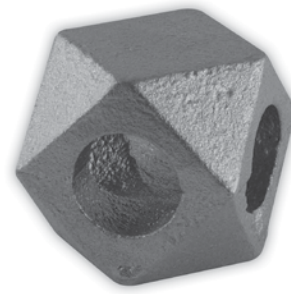
HF 34060

35x35 mm
Ø16mm



HF 34153

40x40 mm
Ø16mm

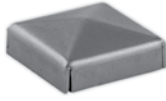


HF 34075

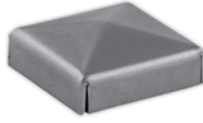
42x42 mm
Ø20mm



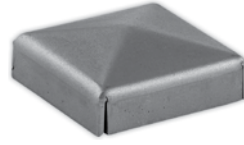
34280
30x30
1mm



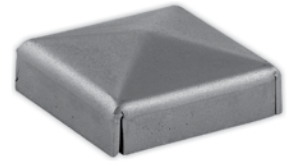
34279
40x40
1mm



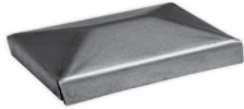
34278
50x50
1mm



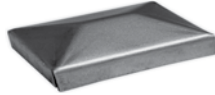
34297
60x60
1mm



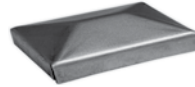
34298
80x80
1mm



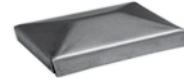
3442346
40x60
1mm



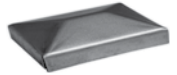
3442335
30x50
1mm



3442334
30x40
1mm



3442324
20x40
1mm

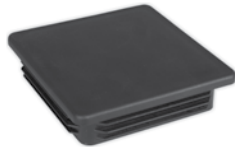


3442323
20x30
1mm

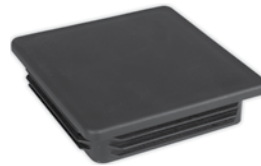
PLASTİK PROFİL KAPAKLARI



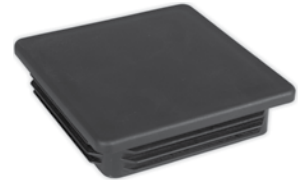
3510120
20x20 mm



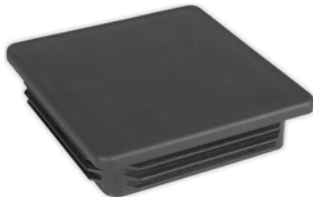
3510125
25x25 mm



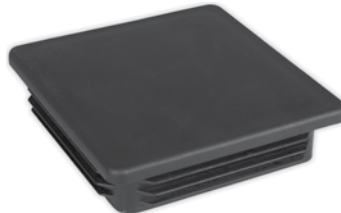
3510130
30x30 mm



3510140
40x40 mm



3510150
50x50 mm



3510160
60x60 mm



3510123
20x30 mm



3510124
20x40 mm



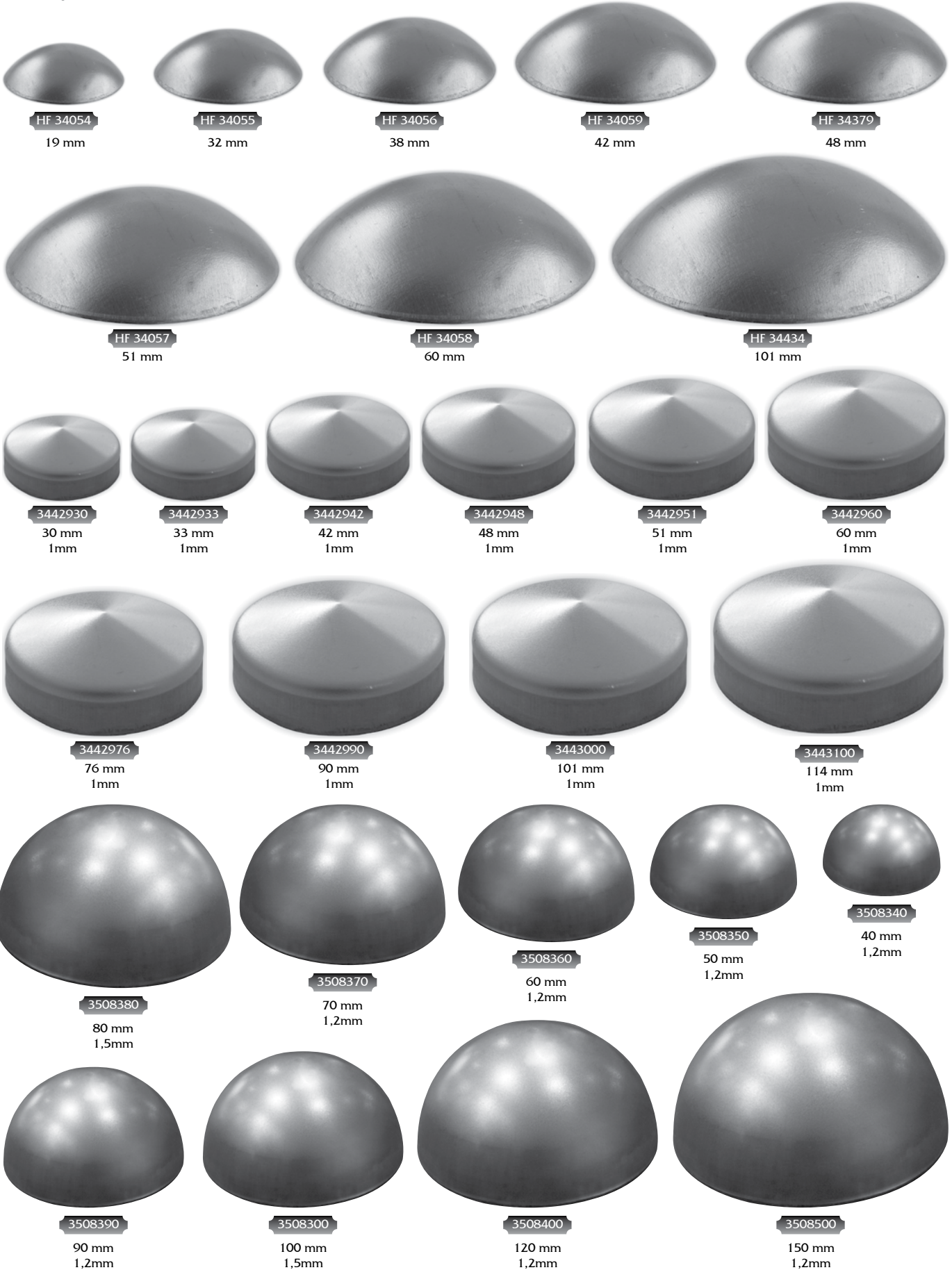
3510400
27x40 mm



3510135
30x50 mm



3510146
40x60 mm





Kod: 3510025	Ø 25 mm
Kod: 3510030	Ø 30 mm
Kod: 3510032	Ø 32 mm
Kod: 3510035	Ø 35 mm
Kod: 3510038	Ø 38 mm
Kod: 3510040	Ø 40 mm
Kod: 3510042	Ø 42 mm
Kod: 3510048	Ø 48 mm
Kod: 3510050	Ø 50 mm



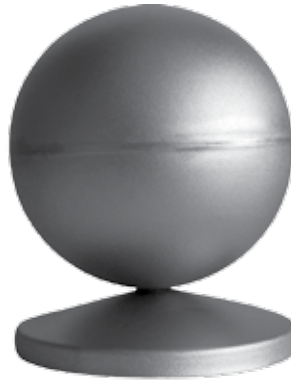
HF 34100
51x75 mm
1,5 mm



HF 35176
58x96 mm
1,5 mm



HF 34099
77x102 mm
1,5 mm



1.2 mm

Kod: 3516330	30x30 mm
Kod: 3516340	40x40 mm
Kod: 3516350	50x50 mm
Kod: 3516360	60x60 mm
Kod: 3516380	80x80 mm
Kod: 3516300	100x100 mm
Kod: 3516400	120x120 mm
Kod: 3516500	150x150 mm
Kod: 3516600	175x175 mm
Kod: 3516700	200x200 mm

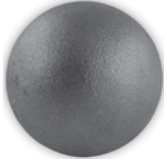
Kod: 3516830	30 mm
Kod: 3516833	33 mm
Kod: 3516842	42 mm
Kod: 3516848	48 mm
Kod: 3516851	51 mm
Kod: 3516860	60 mm
Kod: 3516876	76 mm
Kod: 3516890	90 mm
Kod: 3516900	101 mm
Kod: 3517000	114 mm

	Dış Ø
Kod: 3508040	Ø 40 mm
Kod: 3508050	Ø 50 mm
Kod: 3508060	Ø 60 mm
Kod: 3508070	Ø 70 mm
Kod: 3508080	Ø 80 mm
Kod: 3508090	Ø 90 mm
Kod: 3508000	Ø 100 mm
Kod: 3508100	Ø 120 mm
Kod: 3508200	Ø 150 mm

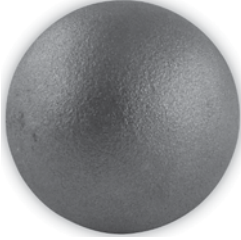


Solid Spheres

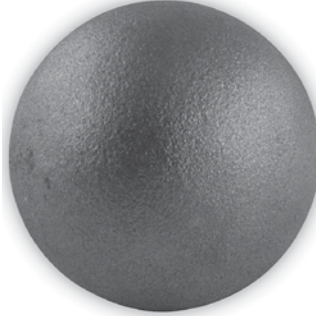
DOLU KÜRELER ve SICAK ARA BAĞLANTI



HF 34132
20 mm



HF 34133
30 mm



HF 34134
40 mm



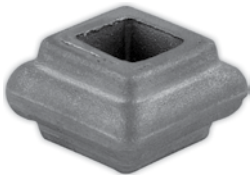
HF 34135
50 mm



HF 34137
75 mm



HF 34136
60 mm



HF 34320
36 mm
12mm



HF 34321
36 mm
14mm



3428112
37 mm



HF 35088
60x145 mm



3508801
60x145 mm



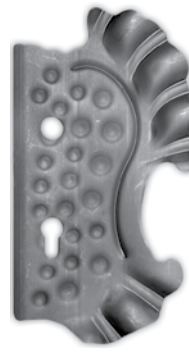
HF 34171
160x290 mm
2mm



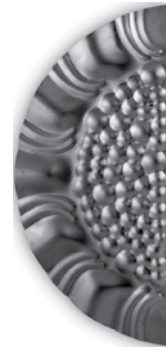
HF 34172
160x290 mm
2mm



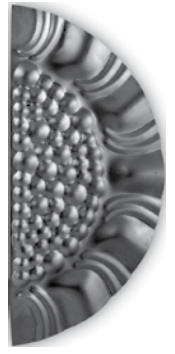
3417101
160x290 mm
2mm



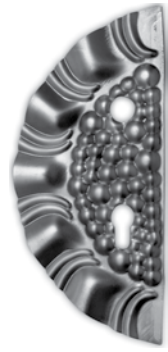
3417202
160x290 mm
2mm



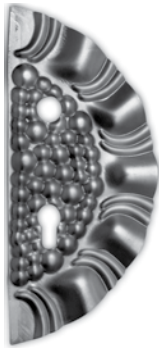
HF 34255
120x262 mm
1mm



HF 34256
120x262 mm
1mm



3425501
120x262 mm
1mm



3425601
120x262 mm
1mm



HF 34399
155x285 mm
2mm



HF 34400
155x285 mm
2mm



3439901
155x285 mm
2mm



3440001
155x285 mm
2mm



HF 34173
120x287 mm
2mm



HF 34174
120x287 mm
2mm



3417301
120x287 mm
2mm



3417401
120x287 mm
2mm



HF 34401
104x277 mm
2mm



HF 34402
104x277 mm
2mm



3440101
104x277 mm
2mm



3440201
104x277 mm
2mm



HF 34177
135x295 mm
3mm



HF 34178
135x295 mm
3mm



3417701
135x295 mm
3mm



3417801
135x295 mm
3mm



HF 34317
77x155 mm
3mm



HF 34175
90x295 mm
3mm



HF 34176
90x295 mm
3mm



3417501
90x295 mm
3mm



3417601
90x295 mm
3mm



3426501
57x260 mm
3mm



3426601
52x260 mm
3mm



3426701
46x260 mm
3mm



3426801
56x260 mm
3mm



HF 34319
36x102 mm
3mm



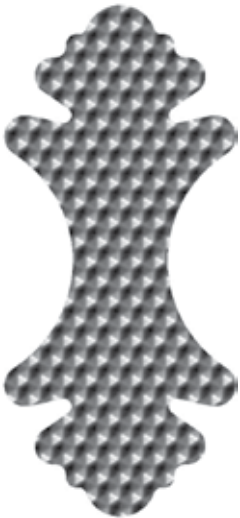
HF 34318
36x102 mm
3mm



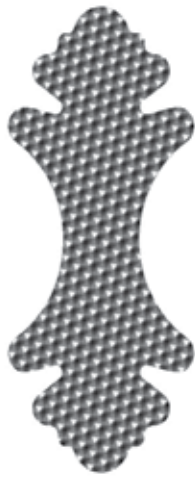
HF 34243
60x105 mm
3mm



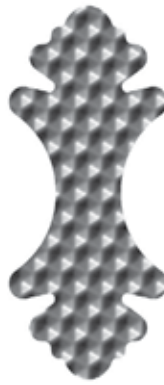
HF 35244
52x120 mm
3mm



HF 35245
115x290 mm
3mm



HF 35246
88x195 mm
3mm



HF 35247
61x150 mm
3mm



HF 35248
51x120 mm
3mm



HF 35249
102x160 mm
3mm



HF 34259
121x69x95 mm



HF 34260
121x69x95 mm



HF 34257
142x54x90 mm



HF 34258
142x54x90 mm



HF 34261
148x50x89 mm



HF 34262
148x50x89 mm



HF 34263
137x52x75 mm



HF 34264
137x52x75 mm



HF 34269
57x260 mm
3mm



HF 34270
52x260 mm
3mm



HF 34271
46x260 mm
3mm



HF 34272
56x260 mm
3mm



HF 34342
90x102 mm



HF 34369
70x260 mm



HF 34370
70x260 mm



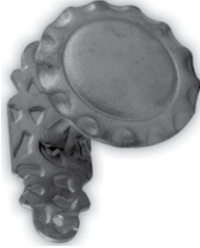
HF 34371
90x260 mm



HF 34372
90x260 mm



HF 34373
70x260 mm



HF 34374
70x102 mm



HF 34375
56x260 mm



HF 34376
56x260 mm



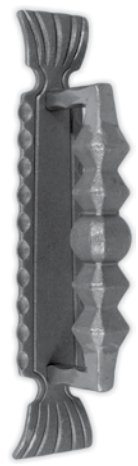
HF 34377
46x260 mm



HF 34378
57x260 mm



HF 35026
52x260 mm



HF 35027
48x260 mm



HF 35028
48x260 mm



HF 35029
47x260 mm



HF 35030
52x260 mm



HF 35031
48x260 mm



HF 35032
60x170 mm



HF 35033
80x260 mm



HF 35034
100x260 mm



HF 35126
100x280 mm



HF 35127
100x280 mm



HF 35128
100x300 mm



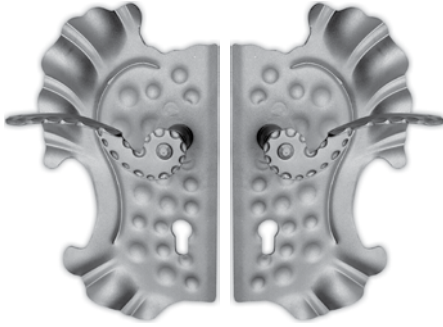
HF 35035
93x102 mm



HF 35036
80x180 mm



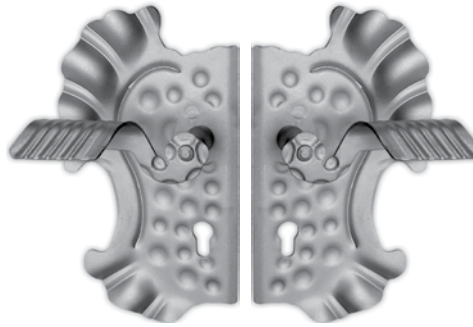
HF 35125
100x157 mm



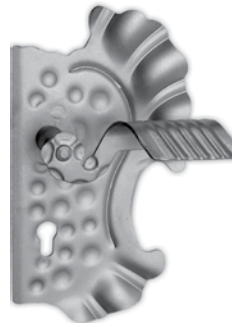
HF 34441
160x290 mm
2mm



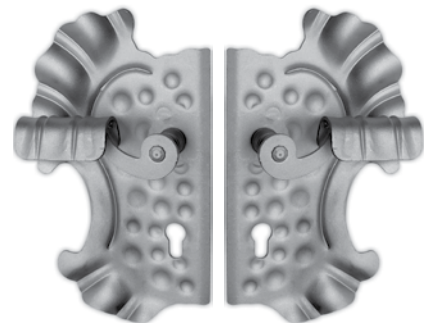
HF 34442
160x290 mm
2mm



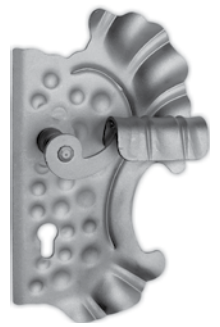
HF 34443
160x290 mm
2mm



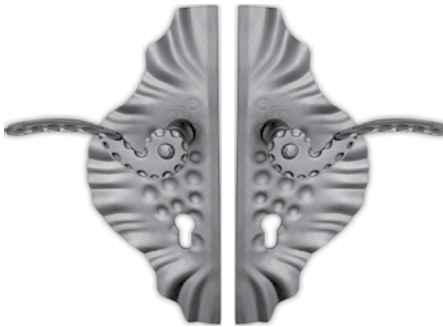
HF 34444
160x290 mm
2mm



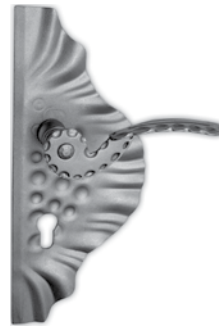
HF 34445
160x290 mm
2mm



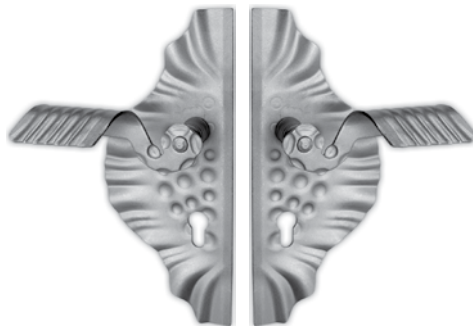
HF 34446
160x290 mm
2mm



HF 34447
120x287 mm
2mm



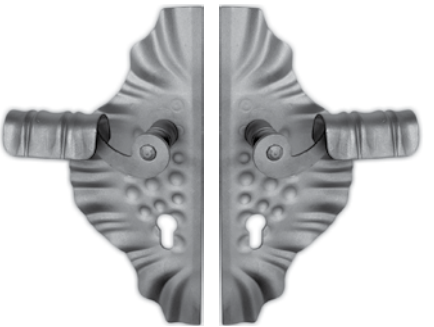
HF 34448
120x287 mm
2mm



HF 34449
120x287 mm
2mm



HF 34450
120x287 mm
2mm



HF 34451
120x287 mm
2mm



HF 34452
120x287 mm
2mm



HF 34453
90x295 mm
3mm



HF 34454
90x295 mm
3mm



HF 34455
90x295 mm
3mm



HF 34456
90x295 mm
3mm



HF 34457
90x295 mm
3mm



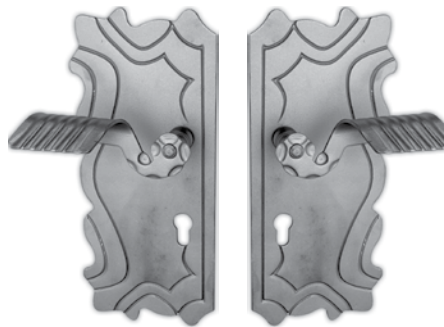
HF 34458
90x295 mm
3mm



HF 34459
135x295 mm
3mm



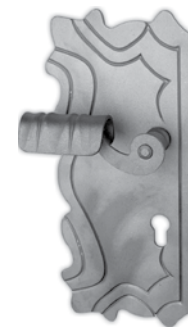
HF 34460
135x295 mm
3mm



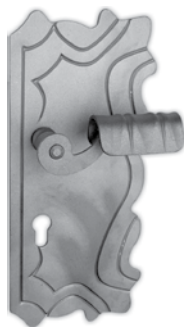
HF 34461
135x295 mm
3mm



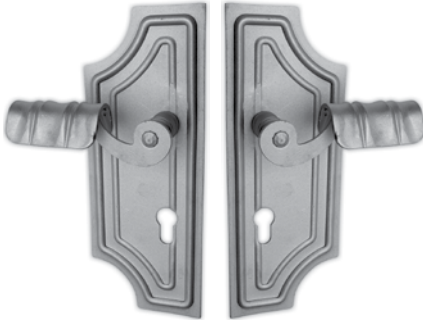
HF 34462
135x295 mm
3mm



HF 34463
135x295 mm
3mm



HF 34464
135x295 mm
3mm



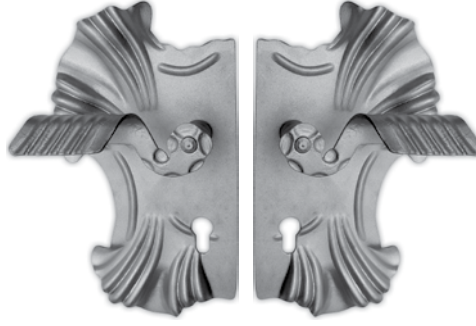
HF 34436

104x277 mm
2mm



HF 34435

104x277 mm
2mm



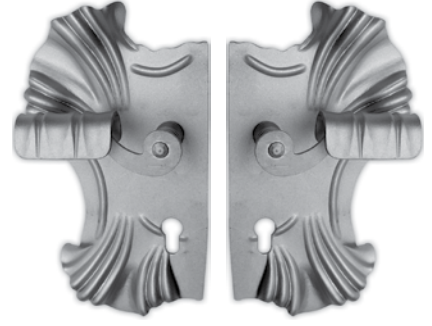
HF 34438

155x285 mm
2mm



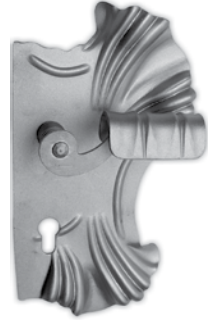
HF 34437

155x285 mm
2mm



HF 34440

155x285 mm
2mm



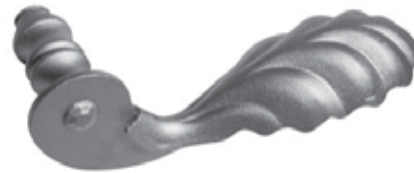
HF 34439

155x285 mm
2mm



HF 35185

160x60x90 mm



HF 35186

160x60x90 mm



HF 35187

150x50x75 mm



HF 35188

150x50x75 mm



HF 35205

Ø80x51 mm



HF 35206

Ø80x60 mm



HF 35207

Ø90x67 mm



3503700
80x220 mm



3503800
100x240 mm



3503900
80x250 mm



3504000
100x260 mm



3504100
100x240 mm



3504200
100x230 mm



3504300
80x240 mm



3504400
100x180 mm



3504500
100x180 mm



HF 34200
200 mm



HF 34201
225 mm



HF 34204
240x525 mm



HF 34101
180x810 mm



HF 34103
320x840 mm



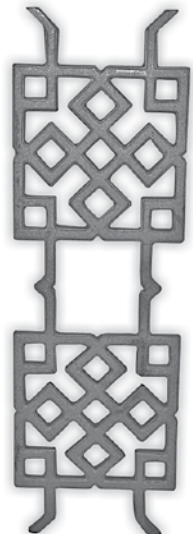
HF 34104
250x810 mm



HF 34105
400x650 mm



HF 34108
250x900 mm



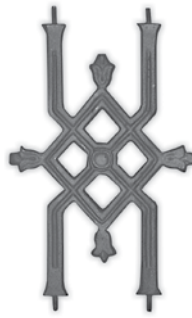
HF 34109
240x750 mm



HF 34194
240x320 mm



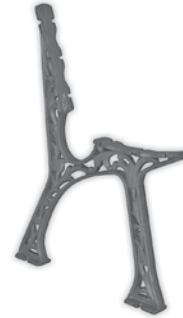
HF 34199
400x440 mm



HF 34215
240x360 mm



HF 34221
480x665 mm



HF 34222
420x690 mm



HF 34223
620x720 mm



HF 34195
175x700 mm



HF 34196
180x770 mm



HF 34205
400x850 mm



HF 34217
120x850 mm



HF 34380
150x620 mm



HF 34381
150x880 mm



HF 43126
40x225 mm



HF 43436
70x280 mm



HF 43437
80x240 mm



HF 43440
70x280 mm



HF 43441
40x210 mm



HF 43442
66x230 mm



HF 43443
35x240 mm



HF 43446
50x235 mm



HF 43448
40x190 mm



HF 43449
40x210 mm



HF 43408
25x150 mm



HF 43409
35x130 mm



HF 43417
35x130 mm



HF 43127
80x120 mm



HF 43466
h : 80 mm
80mm



HF 43467
h : 50 mm
75mm



HF 43468
h : 40 mm
75mm



HF 43469
h : 60 mm
80mm



HF 43470
h : 50 mm
75mm



HF 43475
h : 50 mm
85mm



HF 43451
45x320 mm



HF 43452
75x200 mm



HF 43453
140x190 mm



HF 43454
100x160 mm



HF 43457
80x160 mm



HF 43458
70x190 mm



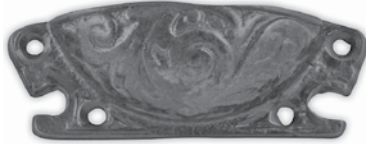
HF 73443
40x150 mm



HF 73444
35x100 mm



HF 73445
45x230 mm



HF 63406
35x90 mm



HF 63408
35x85 mm



HF 63428
70x115 mm



HF 63448
45x110 mm



HF 73402
100x130 mm



HF 73403
70x150 mm



HF 53410
140 mm



HF 83404
130 mm



HF 83407
100 mm



HF 83408
110 mm



HF 83410
90 mm



HF 83416
130 mm



HF 53455
33x38 mm



HF 53475
38x92 mm



HF 73450
35x130 mm



HF 53440

70x95 mm



HF 53416

170x190 mm



HF 53437

65x140 mm



HF 53428

95x150 mm



HF 53420

90x215 mm



HF 53413

155x225 mm



HF 53411

175x275 mm



HF 53430

40x225 mm



HF 10204
870x190



HF 10205
870x190



HF 10206
1200x500



HF 10207
770x440



HF 10208
390x250



HF 10209
390x250



HF 10210
450x360



HF 10203
460x300



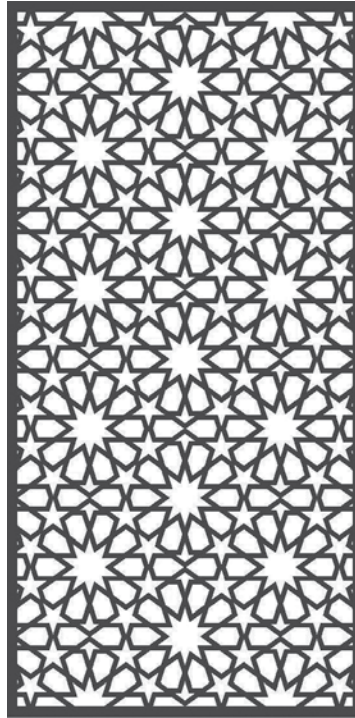
HF 10201
430x200



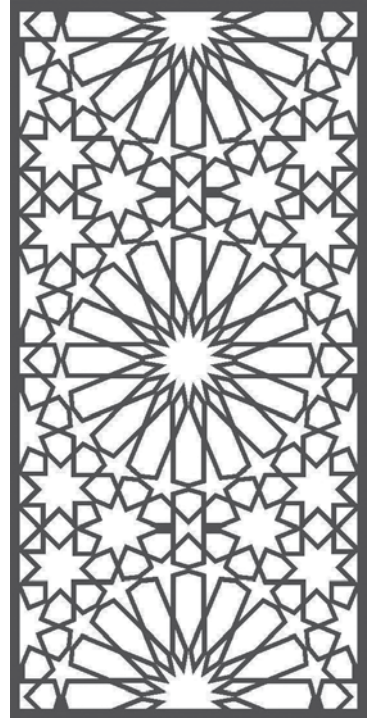
HF 10200
430x300



HF 35135

2x1 mt.
3 mm

HF 35136

2x1 mt.
3 mm

HF 35137

2x1 mt.
3 mm

HF 35138

2x1 mt.
3 mm

HF 35139

2x1 mt.
3 mm

HF 35140

2x1 mt.
3 mm



HF 35141

2x1 mt.
3 mm



HF 35142

2x1 mt.
3 mm



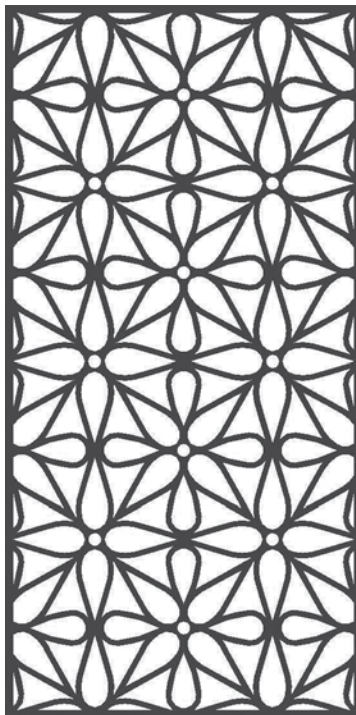
HF 35143

2x1 mt.
3 mm



HF 35144

2x1 mt.
3 mm



HF 35145

2x1 mt.
3 mm



HF 35146

2x1 mt.
3 mm



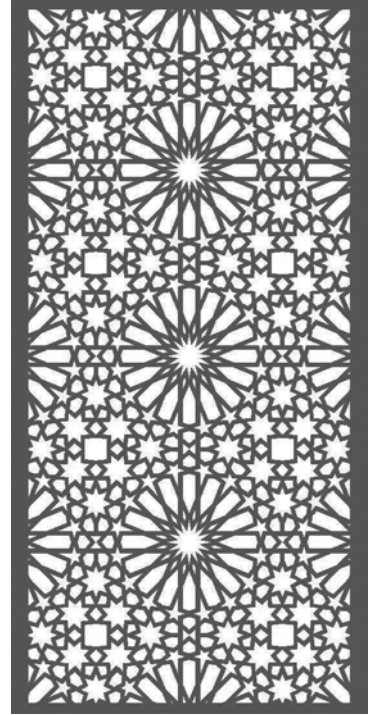
HF 35147

2x1 mt.
3 mm



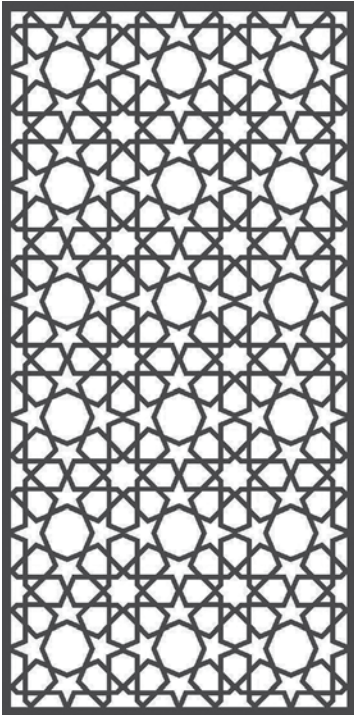
HF 35148

2x1 mt.
3 mm



HF 35149

2x1 mt.
3 mm



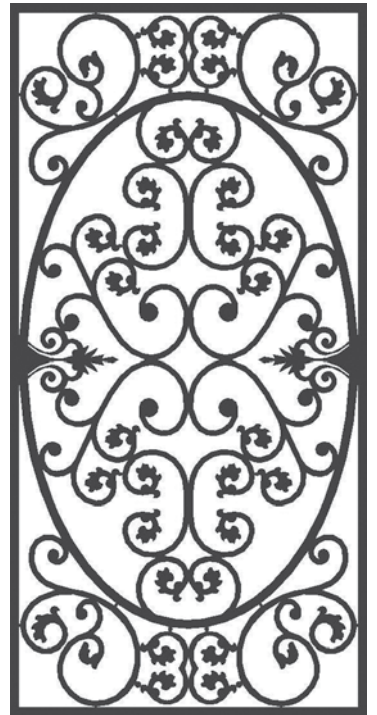
HF 35150

2x1 mt.
3 mm



HF 35151

2x1 mt.
3 mm



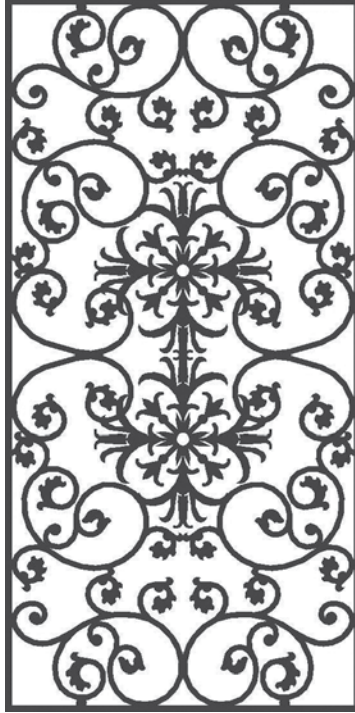
HF 35152

2x1 mt.
3 mm



HF 35153

2x1 mt.
3 mm



HF 35154

2x1 mt.
3 mm



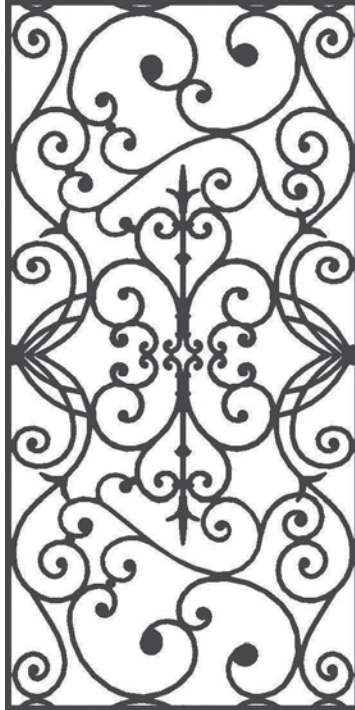
HF 35155

2x1 mt.
3 mm



HF 35156

2x1 mt.
3 mm



HF 35157

2x1 mt.
3 mm

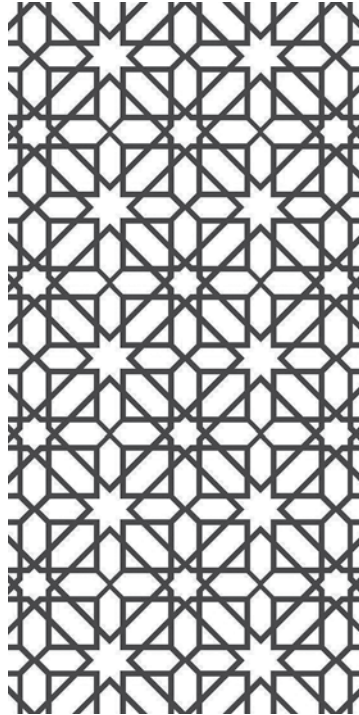


HF 35158

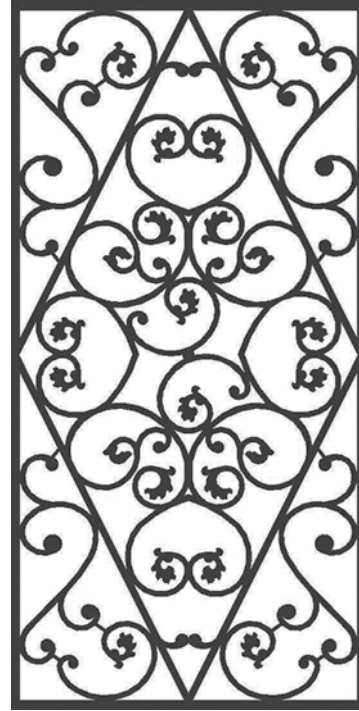
2x1 mt.
3 mm



HF 35159
2x1 mt.
3 mm



HF 35160
2x1 mt.
3 mm



HF 35161
2x1 mt.
3 mm



HF 32300
25x50



HF 32301
25x90



HF 32302
2x1 mt.
1 - 1,2 mm



HF 32303
75x200 cm
1,2 mm



HF 32304
75x200 cm
1,2 mm



HF 32305
75x200 cm
1,2 mm



HF 32306
75x200
1,2



HF 32307
75x200
1,2



HF 32308
75x200
1,2



HF 32309
75x200
1,2



HF 32310
75x200
1,2



HF 32311
75x200
1,2



HF 32312
75x200
1,2



HF 32313
75x200
1,2



HF 32314
75x200
1,2



HF 32315
75x200
1,2



HF 32316
75x200
1,2



HF 32317
75x200
1,2



HF 32318
75x200
1,2



HF 32319
75x200
1,2



HF 32320
75x200
1,2



HF 32321
75x200
1,2



HF 32322
75X200
1,2



HF 32323
75X200
1,2



HF 32324
75X200
1,2



HF 32325
75X200
1,2



HF 32326
75X200
1,2



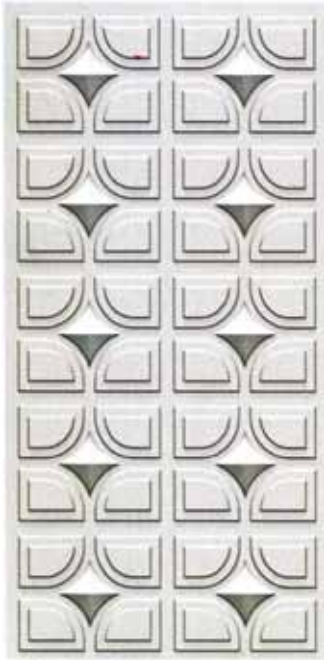
HF 32327
75X200
85X200
1,2



HF 32328
75X200
1,2



HF 32329
75X200
1,2



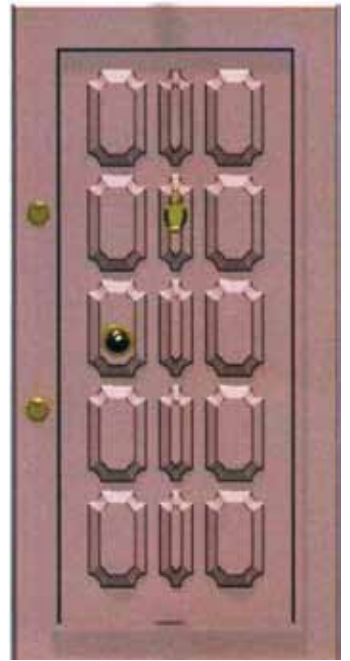
HF 32330
1X2 mt.
1,5 mm



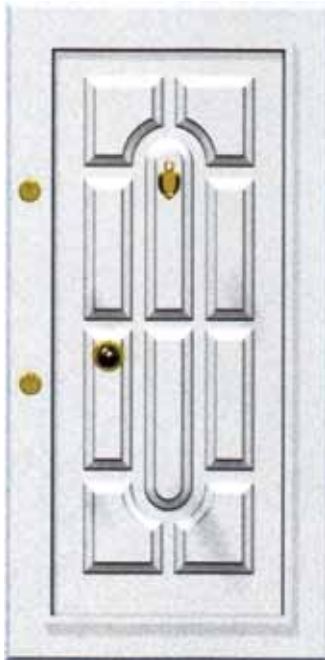
HF 32331
1X2 mt.
1,2 mm
1,5 mm
2,0 mm



HF 32332
75X200 cm.
85x200 cm
100x200 cm
1,2 mm



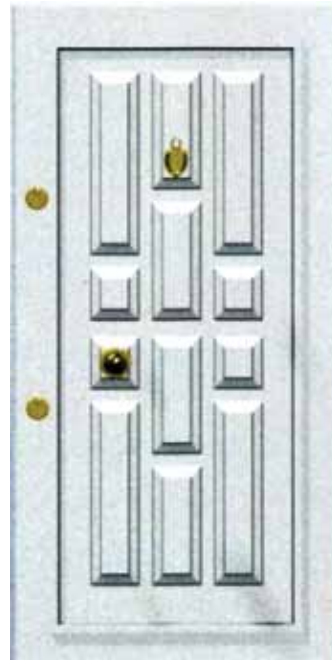
HF 32333
75x200 cm
1,2 mm



HF 32334
75x200 cm
1,2 mm



HF 32335
75x200 cm
1,2 mm



HF 32336
75x200 cm
1,2 mm



HF 32337
75x200 cm
1,2 mm



HF 32338

75X200 cm
85x200 cm
1,2



HF 32339

75X200 cm
85x200 cm
1,2



HF 32340

75X200 cm
85x200 cm
1,2



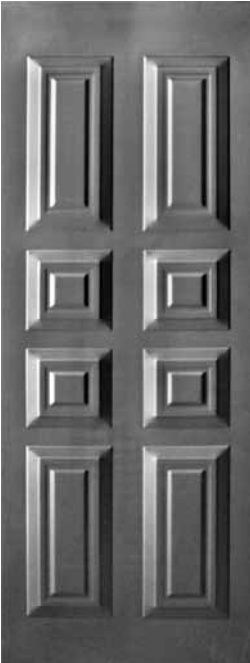
HF 32341

75X200 cm
85x200 cm
1,2



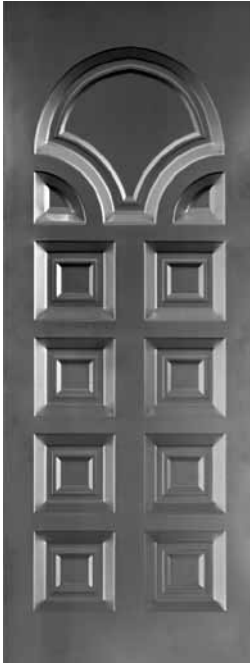
HF 32342

75X200 cm
85x200 cm
1,2



HF 32343

75X200 cm
85x200 cm
1,2



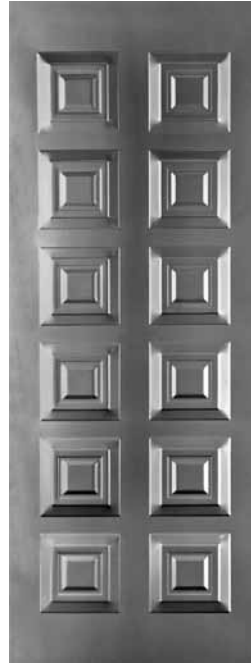
HF 32344

75X200 cm
85x200 cm
1,2



HF 32345

75X200 cm
85x200 cm
1,2



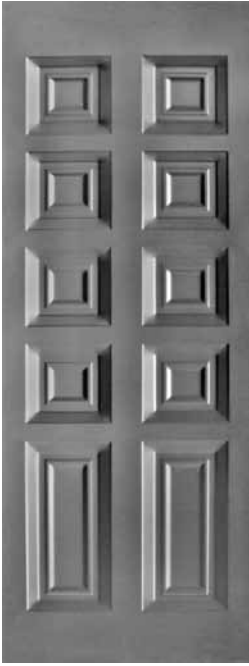
HF 32346

75X200 cm
85x200 cm
1,2



HF 32347

75X200 cm
85x200 cm
1,2



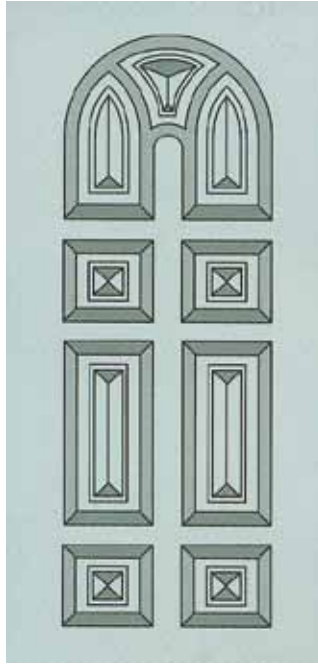
HF 32348

75X200 cm
85x200 cm
1,2



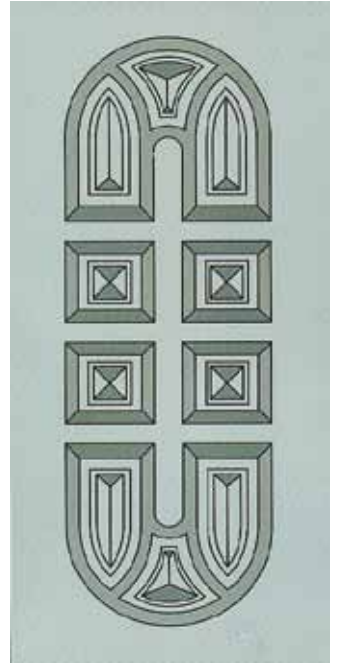
HF 32349

75X200 cm
85x200 cm
1,2



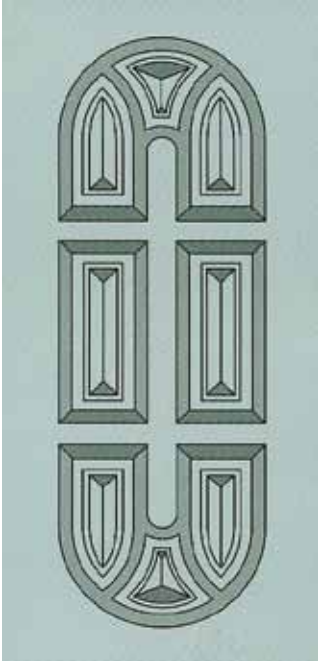
HF 32350

75X200 cm
85x200 cm
1,2



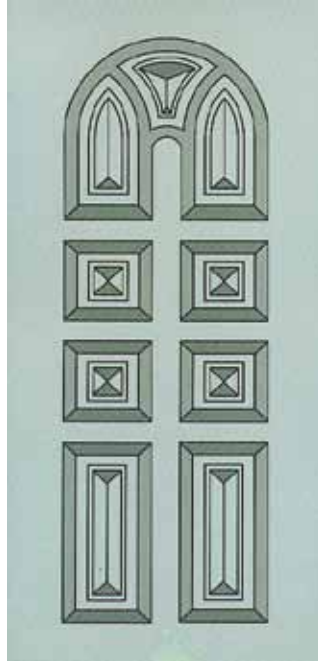
HF 32351

75X200 cm
85x200 cm
1,2



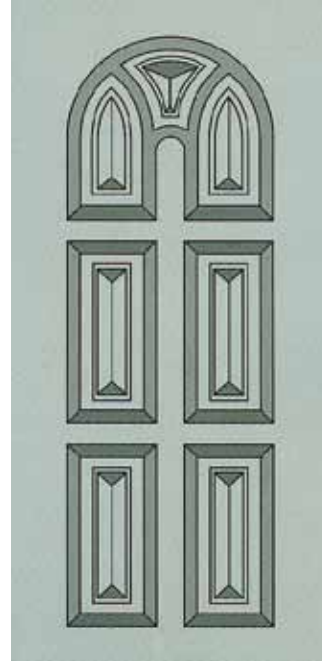
HF 32352

75X200 cm
85x200 cm
1,2



HF 32353

75X200 cm
85x200 cm
1,2



HF 32354

75X200 cm
85x200 cm
1,2



HF 32355

15'lik
Düz Kasa



HF 32356

22'lik
Düz Kasa



HF 32357

18'lik
Fitilli Kasa



HF 32358

22'lik
Fitilli Kasa



HF 32359

Düz Kanat



HF 32360

Düz Taban



HF 32361

Düz Kent



HF 32362

Fitilli Kent



HF 32363

24'lük Düz
Ayarlı Kasa



HF 32364

Yaprak Çita



HF 32365

Kartal Kanadı



HF 32366

Pancur Kasası



HF 32367

Pancur Kanadı



HF 32368

30-40-50'lik
Pancur



HF 32369

Geniş Kanat

Kepli Makaralar



HF 32400

40'lık, 50'lık, 60'lık, 70'lık, 80'lık, 90'lık, 100'lık, 120'lık



HF 32401

85x36x33
20mm

Ferforje Menteşeler



HF 32402

18-20-24-30

Mil Menteşeler



HF 32403

12-14-16-18-20-22-24-26-30

Demirci Sürgüleri



HF 32404

16'lık
10'lık



HF 32405

85x36x33
20mm

Kapı Sarhoş Makaralar



HF 32406

60'lık, 70'lık, 80'lık

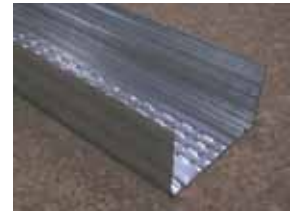
PVC Destek Sacı



Alçıpan Profilleri



Duvar C



Duvar U



Tavan C



Tavan U



Makaralar



HF 32407

40'lık, 50'lık, 60'lık,
70'lık, 80'lık, 90'lık,
100'lık, 120'lık



HF 32408

80'lık
İnşaat Makarası



HF 32409

100'lık
İnşaat Makarası



HF 32410

2'li Şarlon
Makara



HF 32411

4'li Şarlon
Makara

Ferforje Yaylı Sürgüler



HF 32412

15-20-30-40 cm

3'lü Boru Menteşeler



HF 32413

24-22-20-18



HF 32414

Çap : 20mm
Boy : 105mm
Ağırlık : 421gr.
Malzeme : St37



HF 32415

Çap : 27mm
Boy : 165mm
Ağırlık : 541gr.
Malzeme : St37



HF 32416

Çap : 20mm
Boy : 141mm
Ağırlık : 457gr.
Malzeme : St37



HF 32417

Çap : 27mm
Boy : 165mm
Ağırlık : 845gr.
Malzeme : St37

Demir Denge Bilyası Plastik Denge Bilyası



HF 32418

Çap : 30mm
Boy : 85mm
Ağırlık : 229gr.
Malzeme : 1040 Çelik



HF 32419

Çap : 35mm
Boy : 100mm
Ağırlık : 111gr.
Malzeme : PVC

Plastik Makara



HF 32420

Çap : 40mm
Et Kalınlığı : 30mm
Ağırlık : 135gr.
Malzeme : PVC

Tekli Ayarlı Denge Bilyası



HF 32421

Çap : 35mm
Genişlik : 75mm
Ağırlık : 255gr.
Malzeme : PVC

Vidalı Denge Bilya



HF 32422

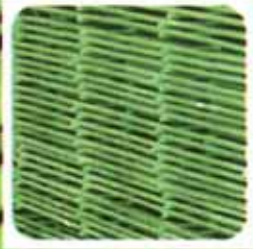
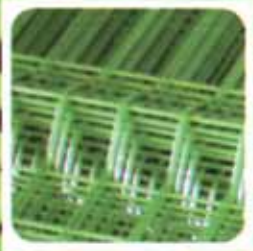
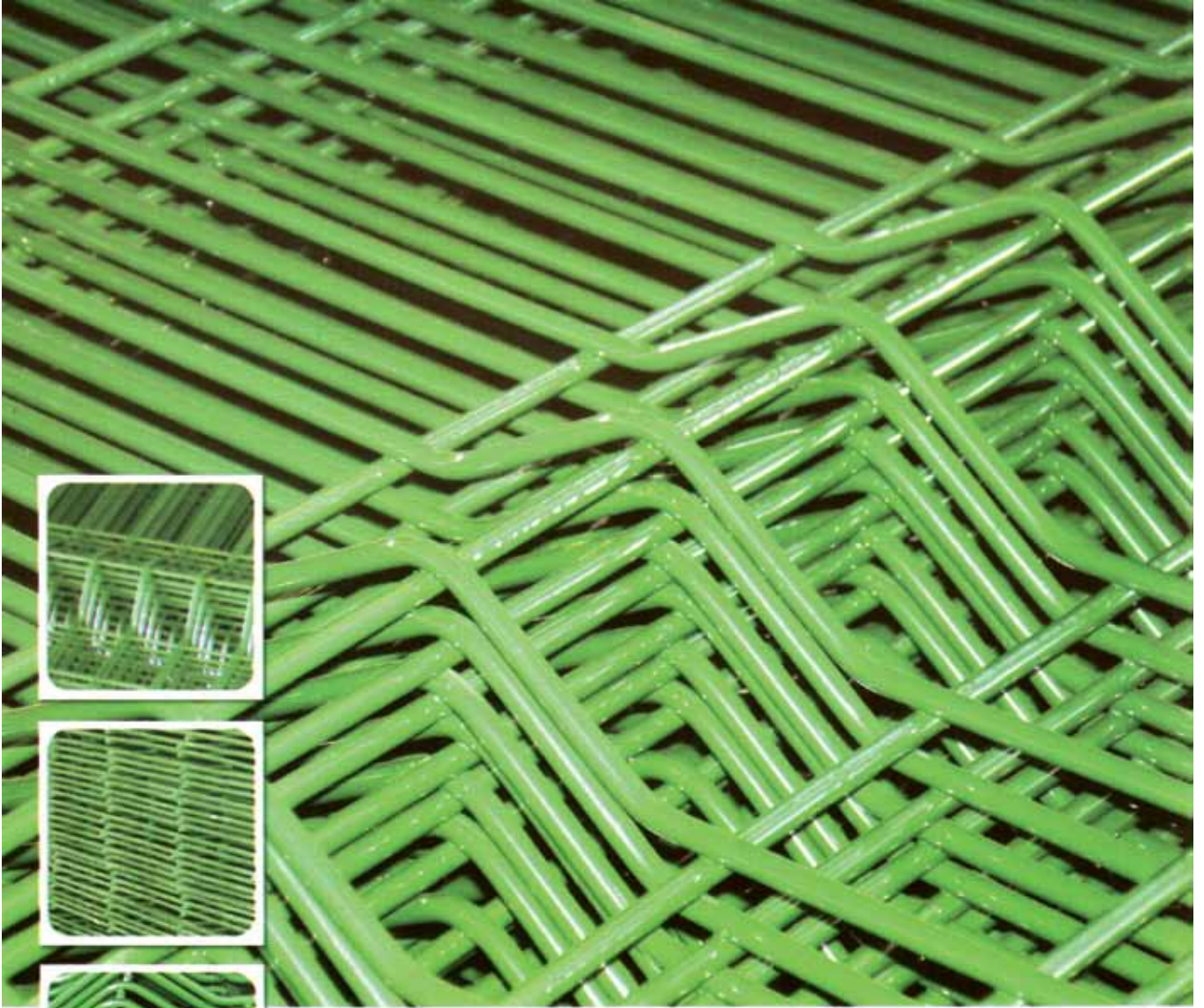
Çap : 45mm
Boy : 100mm
Malzeme : 1040 Çelik

Çift Ayarlı Denge Bilyası



HF 32423

Çap : 35mm
Boy : 170mm
Ağırlık : 556gr.
Malzeme : PVC



TEKNİK ÖZELLİKLER

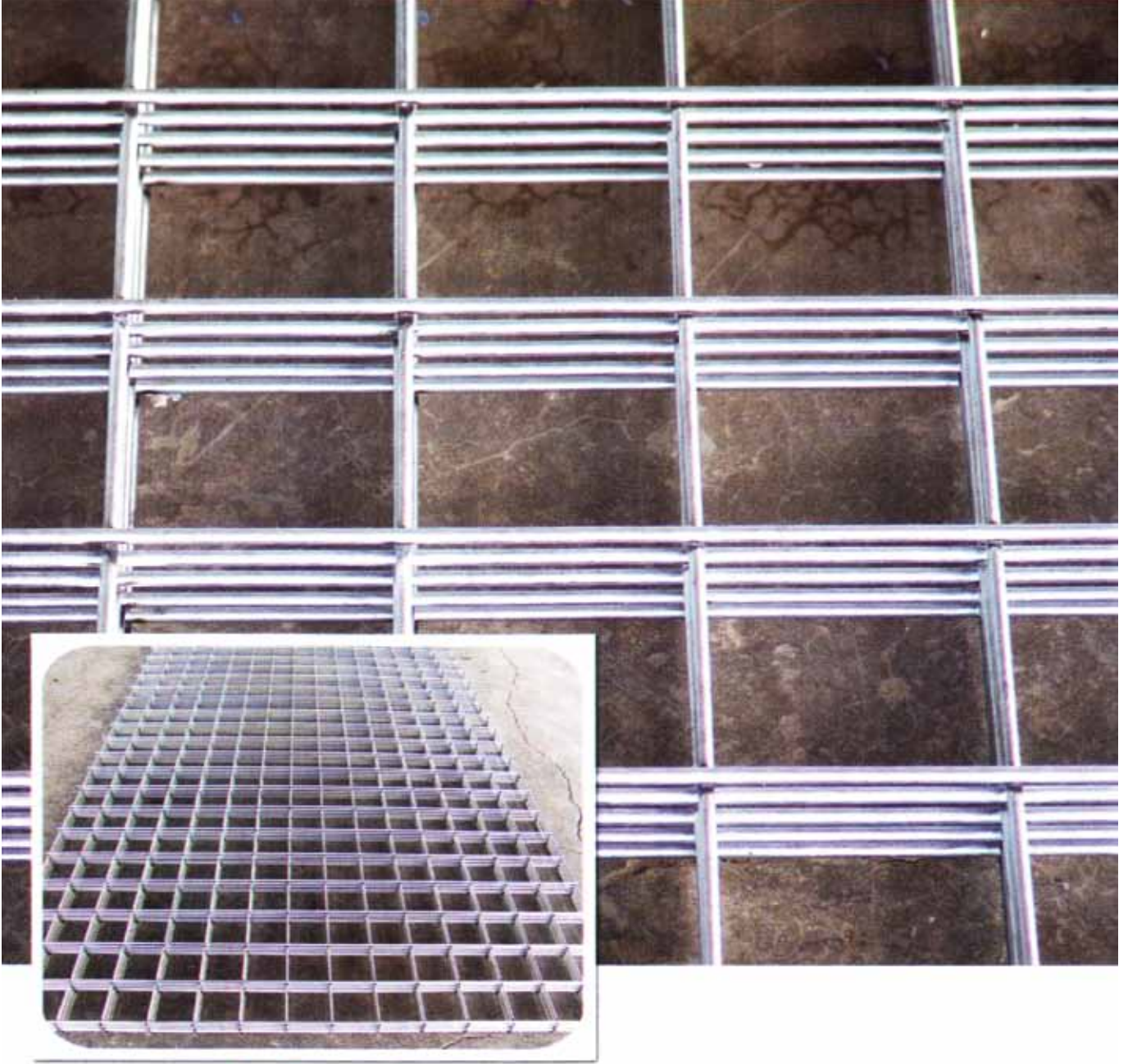
Göz Aralığı	: 50 x 150 mm
Tel Çapı	: 4,50 mm – 5,00 mm
Panel Uzunluğu	: 2.00 mt ve 2.50 mt
Panel Yüksekliği	: 1.00 mt / 1.20 mt / 1.50 mt / 2.00 mt
Dirik Tipi	: 50*50*2 mm Kutu Profil
Kaplama	: Sıcak daldırma galveniz üzeri elektrostatik polyester boyalı (İstenilen ral renklerinde)



Montaj Parçaları

- * 50x50x2 mm Profil Direk
- * Buldex - Çelik Dübel
- * Metal Klips - Kelepçe
- * Plastik Kapak



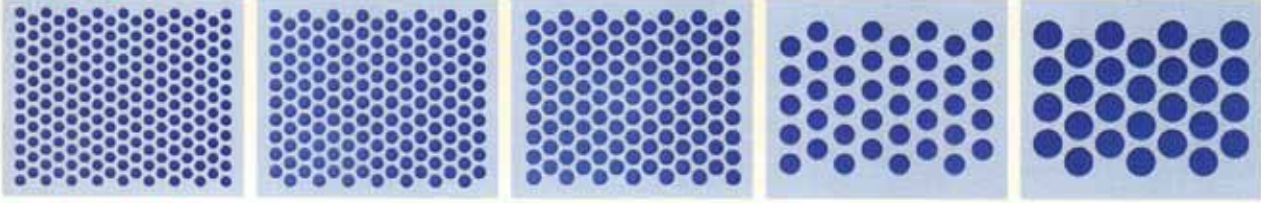


TEKNİK ÖZELLİKLER

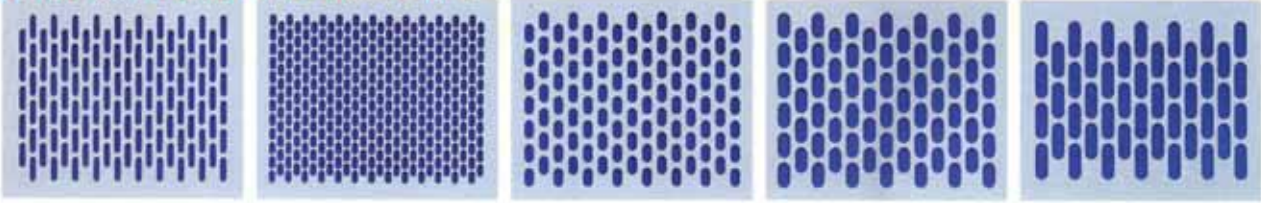
Göz Arası	Tel Çapı	Tel Cinsi	Standart Ebatlar
20 x 20	2-3 mm. Arası	D.Galv. - Siyah	100x200 / 120x240 / 150x200
30 x 30	2-4 mm. Arası	D.Galv. - Siyah	100x200 / 120x240 / 150x200
40 x 40	4-4 mm. Arası	D.Galv. - Siyah	100x200 / 120x240 / 150x200
50 x 50	2-6 mm. Arası	D.Galv. - Siyah	100x200 / 120x240 / 150x200
60 x 60	2-6 mm. Arası	D.Galv. - Siyah	100x200 / 120x240 / 150x200
50 x 100	2-6 mm. Arası	D.Galv. - Siyah	100x200 / 120x240 / 150x200
50 x 150	2-6 mm. Arası	D.Galv. - Siyah	100x200 / 120x240 / 150x200
Standart Harici İstenilen Ölçü, Kalınlık ve Ebatlarda Üretim Yapılır.			



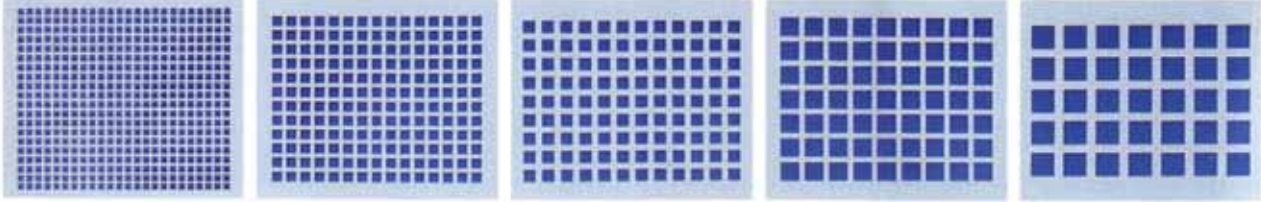
Yuvarlak Delikli Saclar / Round Perforated Sheet



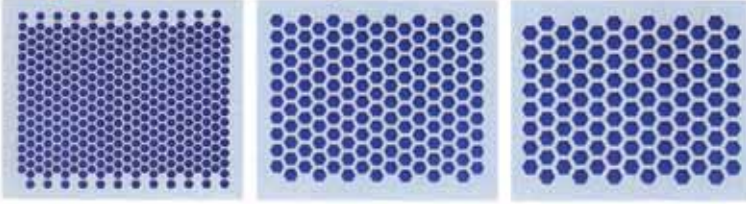
Oval Delikli Saclar / Oval Perforated Sheet



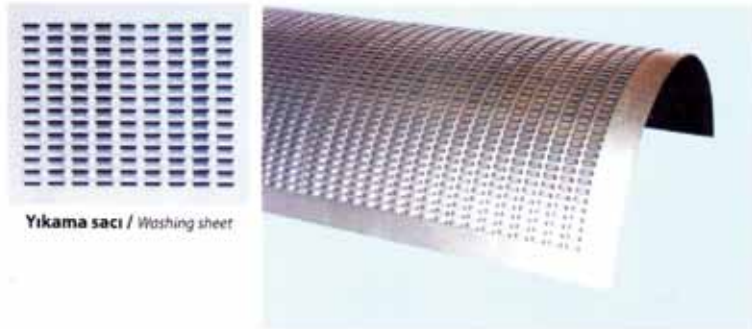
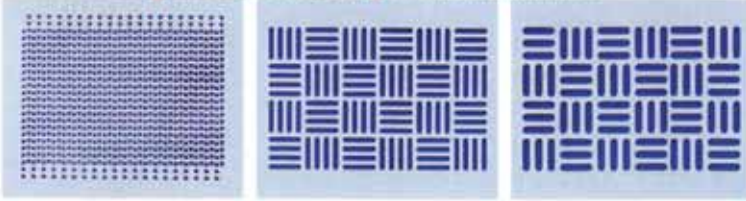
Kare Delikli Saclar / Square Perforated Sheet



Altıgen Delikli Saclar / Hexagon Perforated Sheet



Tarım ve Değirmen Elekləri / Agriculture and Mill Sieves



Yıkama sacı / Washing sheet

Kabuk soyucu / Shell peeler

Delik Delme Ölçülerimiz

Çap 1 mm'den, çap 150 mm'ye kadar delik delinir.

Our Perforation Size

It can be perforated from 1 mm diameter to 150 mm diameter

Sac Ebat Ölçülerimiz

1000x2000 / 1200x2400 / 1500x3000
Her türlü özel ölçüler de imalatımız mevcuttur.

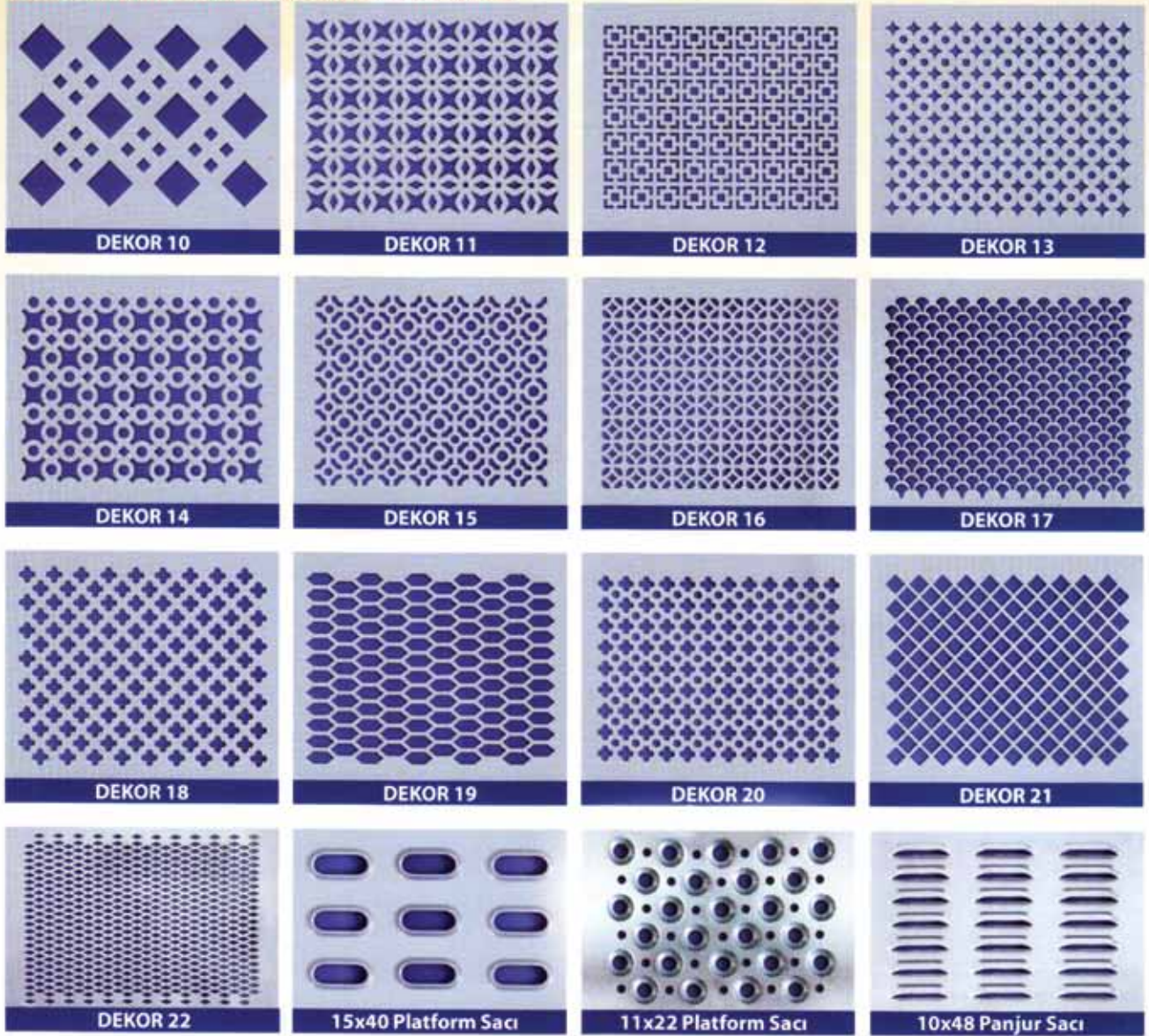
Sheet Size

1000x2000 / 1200x2400 / 1500x3000
We can manufacture ever kind of special size.

Patoz Elekləri / Haymaker sieves



Dekoratif Delikli Saclar / Decorative Perforated sheet



DELİKLİ SAC KULLANIM ALANLARI

Areas of drilled metal uses

Sanayide - Ziraatda / In the industry and agriculture
 Un ve yem değirmenlerinde (Elemede) / In wheat and feed mills (sieving)
 Kömür ocaklarında (Elemede) / In coal shafts (sieving)
 Kum ve taş ocaklarında (Elemede) / In sand and stone shafts (sieving)
 İlaç sanayinde / In medicine industry
 Mobilya ve dekorasyonda / In furniture and decoration
 Oturma gruplarında / In sitting furnitures
 Raf ve takım tezgahlarında / In shelves and workbenches of sets
 Makina muhafazalarında / In machine protectives
 Beyaz eşya sektöründe / In white goods sectors
 Isıtma ve soğutma sistemlerinde / In heating and cooling systems
 Otomotiv sanayinde / In automotive industry
 Filtrelerde / In filters
 Havalandırma ve fırın tavalarında / In ventilation and oven frying pens
 Elektrik elektronik sistemlerinde / In electrics and electronics systems
 Panolarda / In wallpanels
 Taşıma sistemlerinde (Sepetlerde) / In carrying systems (baskets)
 Çöp kovalarında / In garbage containers





Baklava Desenli Geniřletilmiş Metaller / Diamond Patterned Expanded Metals



B10/5



B13/7



B25/8



B30/13



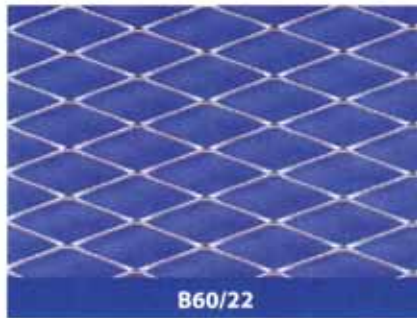
B40/18



B42/14



B50/18



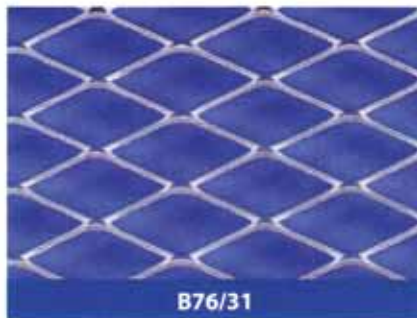
B60/22



B62/26



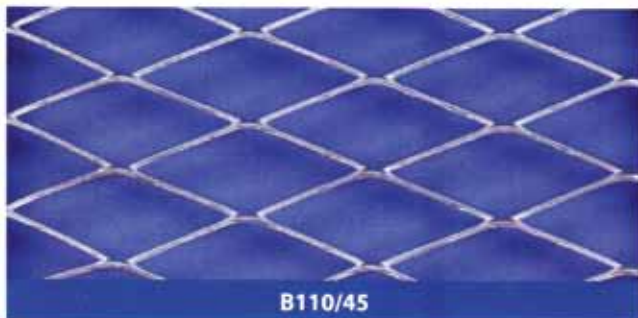
B62/26-7



B76/31



B94/38



B110/45

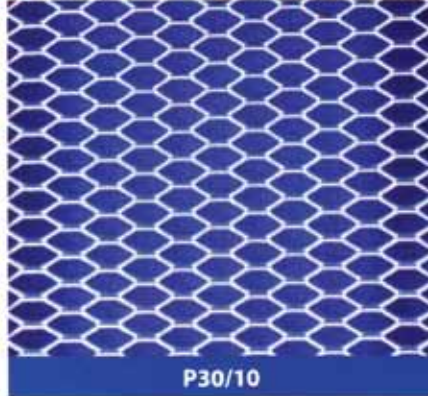


B135/46

Petek Desenli Geniřletilmiş Metaller / Honeycomb Designed Expanded Metals



P20/7



P30/10



P50/15



P80/25



P107/33



P203/80

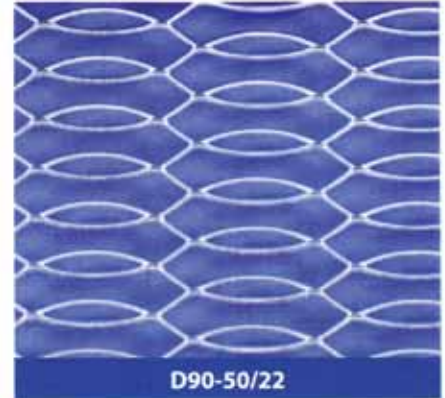
Dekoratif Desenli Geniřletilmiş Metaller / Decorative Designed Expanded Metals



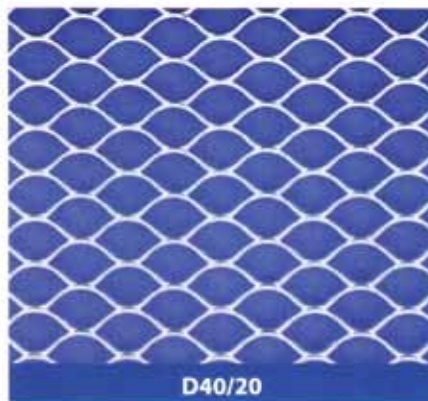
D52-20/11



D65-35/19



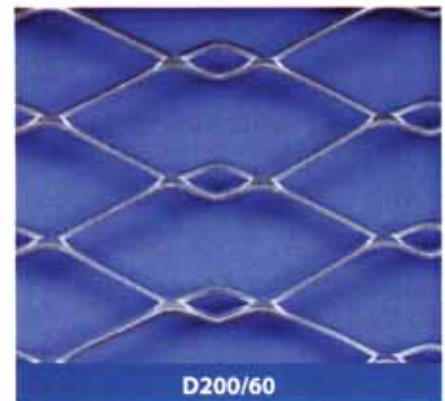
D90-50/22



D40/20



D60/30



D200/60















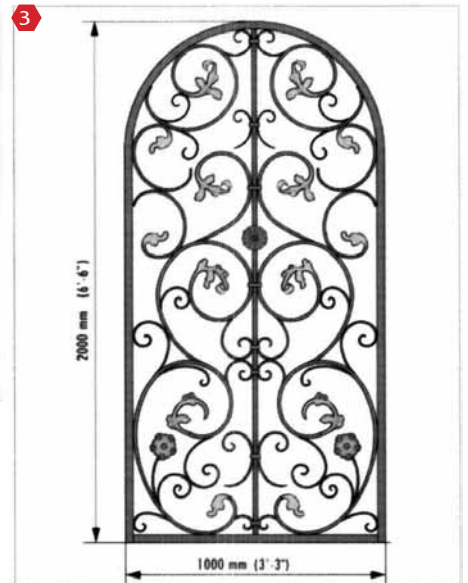
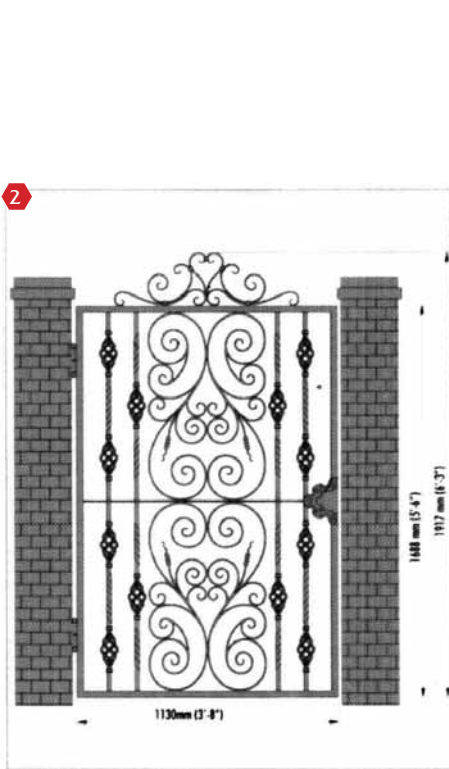






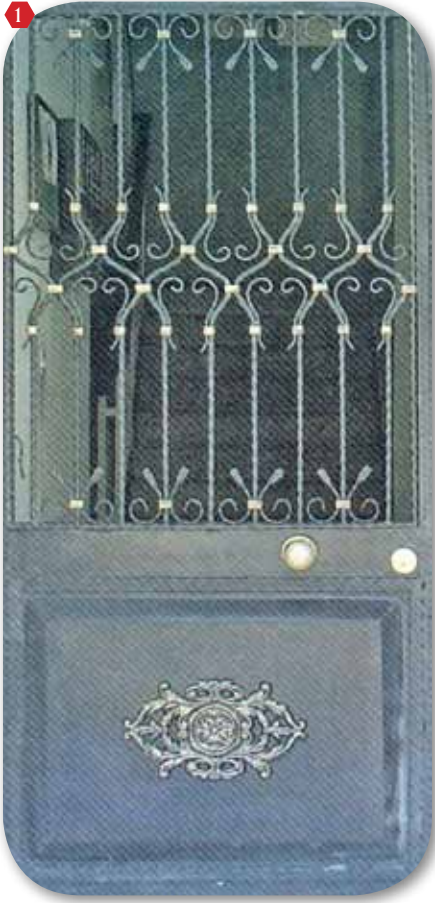










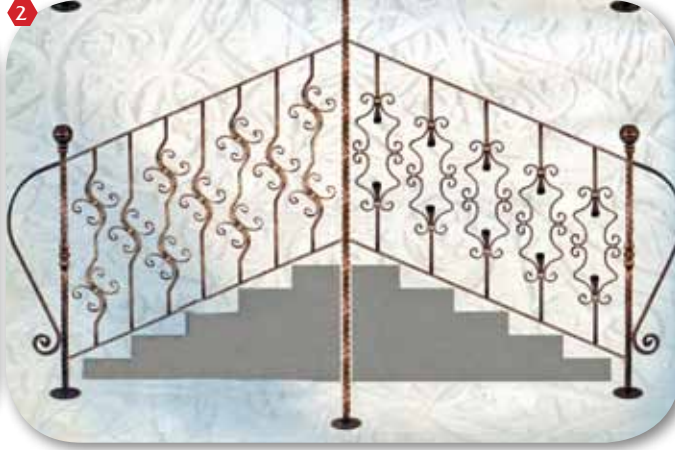












1



2



3



4



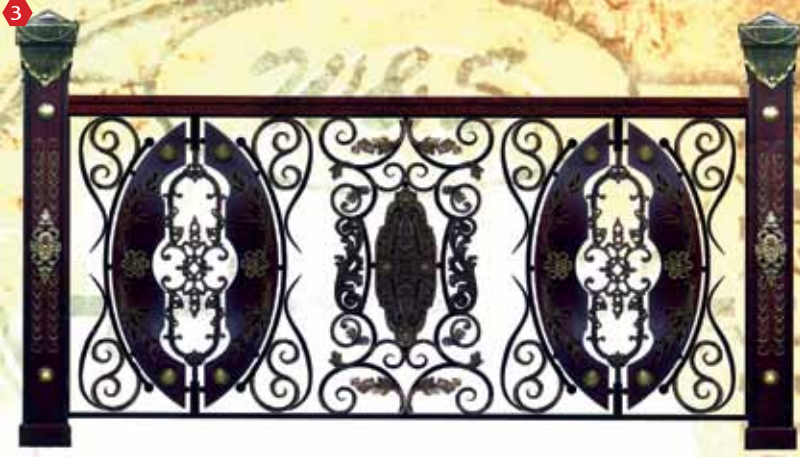
1



2



3



4



5



1



2



3



4



5



6



7



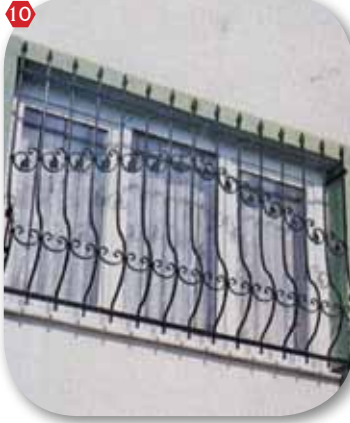
8



9



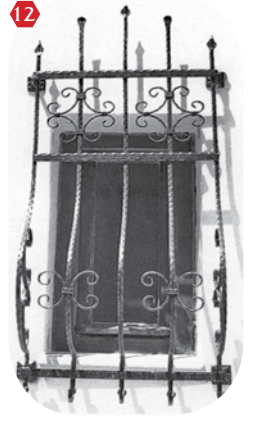
10



11



12



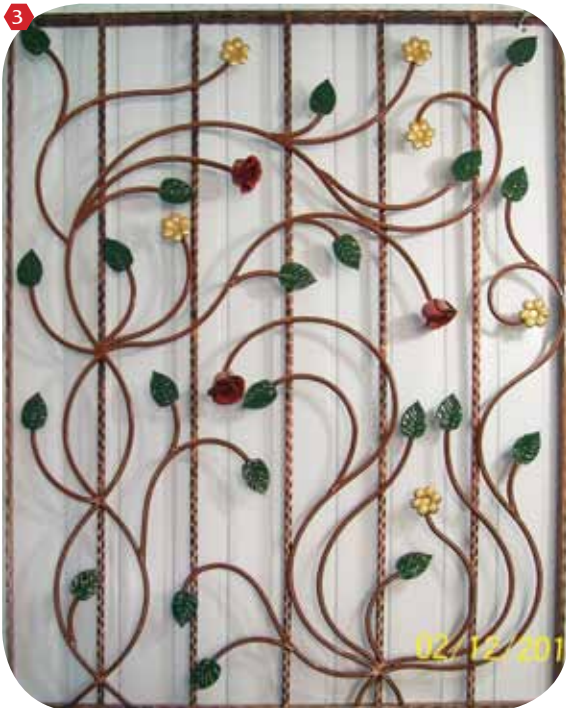
13



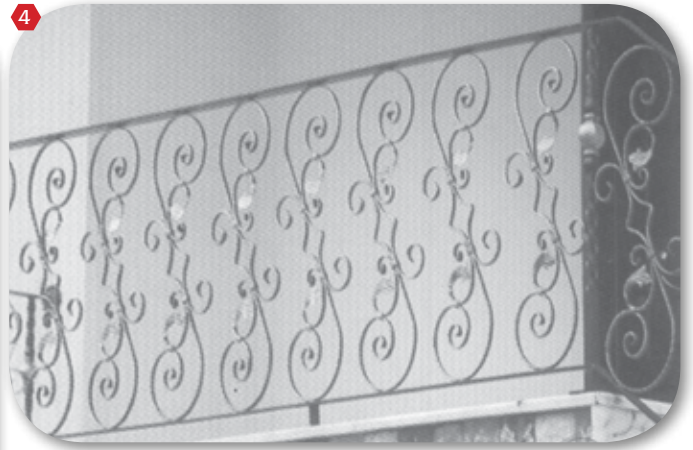
14



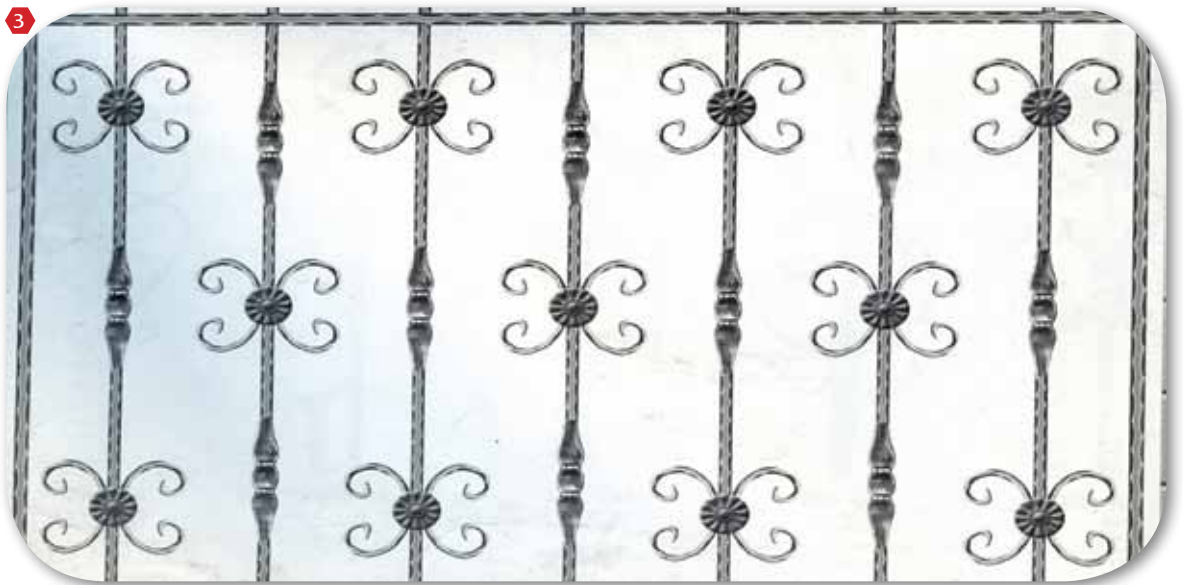
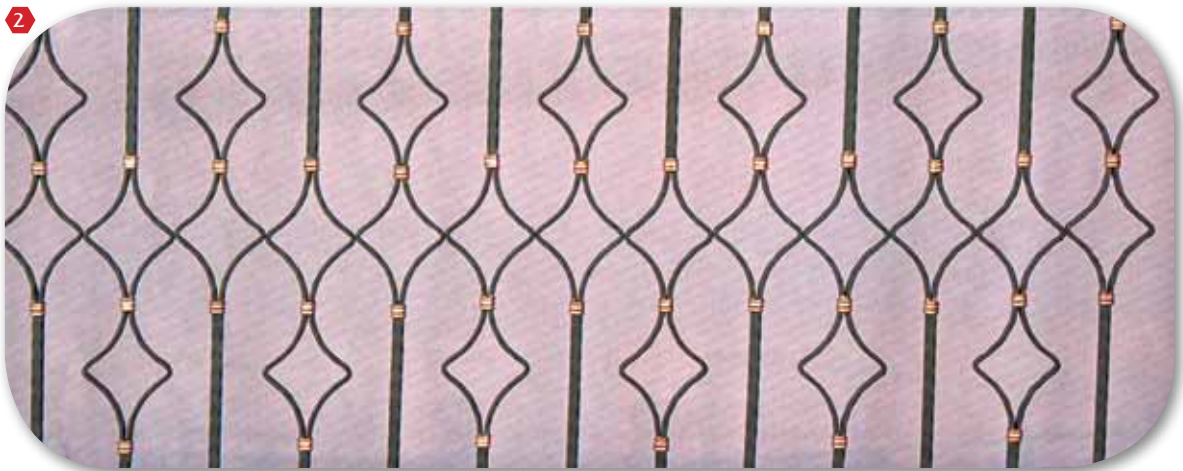
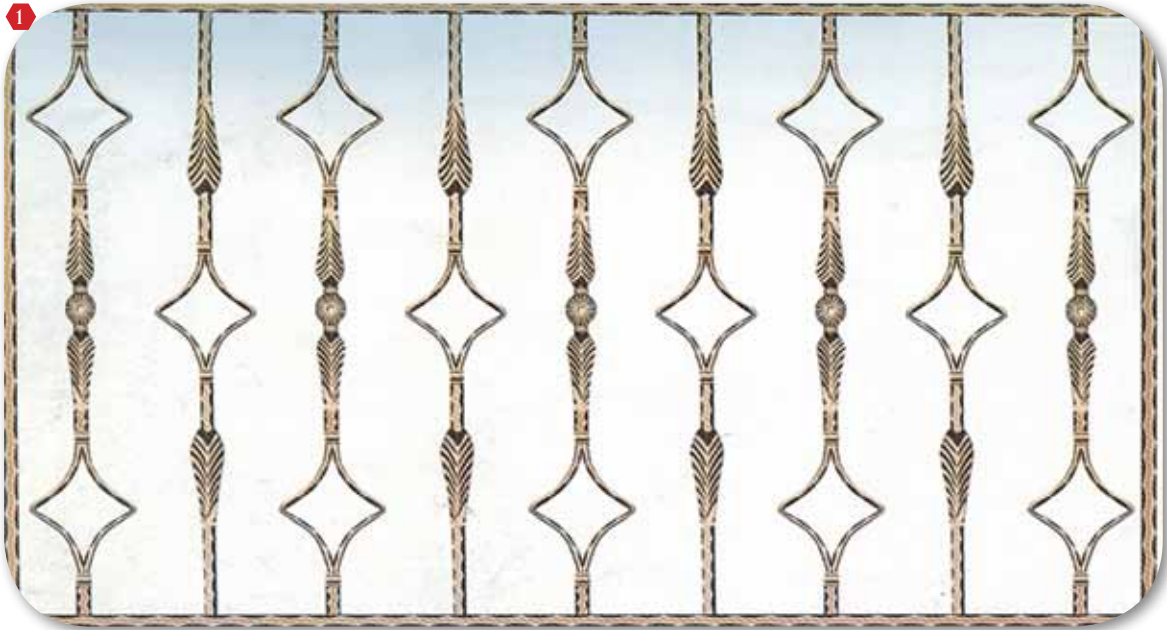














KOD	SAYFA	KOD	SAYFA	KOD	SAYFA
1000100	32	3003600	2	3008400	3
1000200	32	3003700	2	3008500	3
1020000	64	3003800	2	3008600	3
1020100	64	3003900	2	3008700	3
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1020400	64	3004100	2	3008900	3
1020500	64	3004200	2	3009000	3
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1020900	64	3004600	2	3009400	4
1021000	64	3004700	2	3009500	4
2926400	55	3004800	2	3009600	4
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3000200	1	3005000	2	3009800	4
3000300	1	3005100	2	3009900	4
3000400	1	3005200	2	3010000	4
3000500	1	3005300	2	3010100	4
3000600	1	3005400	2	3010200	4
3000700	1	3005500	2	3010300	4
3000800	1	3005600	2	3010400	4
3000900	1	3005700	2	3010500	4
3001000	1	3005800	2	3010600	4
3001100	1	3005900	2	3010700	4
3001200	1	3006000	2	3010800	4
3001300	1	3006100	3	3010900	4
3001400	1	3006200	3	3011000	4
3001500	1	3006300	3	3011100	4
3001600	1	3006400	3	3011200	4
3001700	1	3006500	3	3011300	4
3001800	1	3006600	3	3011400	4
3001900	1	3006700	3	3011500	4
3002000	1	3006800	3	3011600	4
3002100	1	3006900	3	3011700	4
3002200	1	3007000	3	3011800	4
3002300	1	3007100	3	3011900	4
3002400	1	3007200	3	3012000	4
3002500	1	3007300	3	3012100	5
3002600	1	3007400	3	3012200	5
3002700	1	3007500	3	3012300	5
3002800	1	3007600	3	3012400	5
3002900	1	3007700	3	3012500	5
3003000	1	3007800	3	3012600	5
3003100	2	3007900	3	3012700	5
3003200	2	3008000	3	3012800	5
3003300	2	3008100	3	3012900	5
3003400	2	3008200	3	3013000	5
3003500	2	3008300	3	3013100	5



KOD	SAYFA	KOD	SAYFA	KOD	SAYFA
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3013300	5	3018100	7	3022900	8
3013400	5	3018200	7	3023000	8
3013500	5	3018300	7	3023100	8
3013600	5	3018400	7	3023200	8
3013700	5	3018500	7	3023300	8
3013800	5	3018600	7	3023400	8
3013900	5	3018700	7	3023500	8
3014000	5	3018800	7	3023600	8
3014100	5	3018900	7	3023700	8
3014200	5	3019000	7	3026300	55
3014300	5	3019100	7	3060000	9
3014400	5	3019200	7	3060100	9
3014500	5	3019300	7	3060200	9
3014600	5	3019400	7	3060300	9
3014700	5	3019500	7	3060400	9
3014800	5	3019600	7	3060500	9
3014900	5	3019700	7	3060600	9
3015000	5	3019800	7	3060700	9
3015100	6	3019900	7	3060800	9
3015200	6	3020000	7	3060900	9
3015300	6	3020100	7	3061000	9
3015400	6	3020200	7	3061100	9
3015500	6	3020300	7	3061200	9
3015600	6	3020400	7	3061300	9
3015700	6	3020500	7	3061400	9
3015800	6	3020600	7	3061500	9
3015900	6	3020700	7	3061600	9
3016000	6	3020800	7	3061700	9
3016100	6	3020900	7	3061800	9
3016200	6	3021000	7	3061900	9
3016300	6	3021100	8	3062000	9
3016400	6	3021200	8	3062100	9
3016500	6	3021300	8	3062200	9
3016600	6	3021400	8	3062300	9
3016700	6	3021500	8	3062400	9
3016800	6	3021600	8	3062500	9
3016900	6	3021700	8	3062600	9
3017000	6	3021800	8	3062700	9
3017100	6	3021900	8	3062800	9
3017200	6	3022000	8	3062900	9
3017300	6	3022100	8	3063200	9
3017400	6	3022200	8	3063300	9
3017500	6	3022300	8	3063400	9
3017600	6	3022400	8	3063500	9
3017700	6	3022500	8	3063600	9
3017800	6	3022600	8	3063700	9
3017900	6	3022700	8	3063800	9



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3064000	11	3091600	11	3103100	13
3064100	11	3091700	12	3103200	13
3064200	11	3091800	12	3103300	13
3064300	11	3091900	12	3103400	13
3064400	11	3092000	12	3110000	14
3064500	11	3092100	12	3110100	14
3080000	10	3092200	12	3110200	14
3080100	10	3092300	12	3110300	14
3080200	10	3092400	12	3110400	14
3080300	10	3092500	12	3110500	14
3080400	10	3092600	12	3110600	14
3080500	10	3092700	12	3110700	14
3080600	10	3092800	12	3110800	14
3080700	10	3092900	12	3110900	14
3080800	10	3093000	12	3111000	14
3080900	10	3093100	12	3111100	14
3081000	10	3093200	12	3111200	14
3081100	10	3100000	12	3111300	14
3084000	11	3100100	12	3111400	14
3084100	11	3100200	12	3111500	14
3084200	11	3100300	12	3111600	14
3084300	11	3100400	12	3111700	14
3084400	11	3100500	12	3111800	15
3084500	11	3100600	12	3111900	15
3084600	11	3100700	12	3112000	15
3084700	11	3100800	12	3112100	15
3084800	11	3100900	12	3112200	15
3084900	11	3101000	12	3112300	15
3085000	11	3101100	12	3112400	15
3085100	11	3101200	12	3112500	15
3085200	11	3101300	12	3112600	15
3085300	11	3101400	13	3112700	15
3090000	11	3101500	13	3112800	15
3090100	11	3101600	13	3112900	15
3090200	11	3101700	13	3113000	15
3090300	11	3101800	13	3113100	15
3090400	11	3101900	13	3113200	15
3090500	11	3102000	13	3113300	15
3090600	11	3102100	13	3113400	16
3090700	11	3102200	13	3113500	16
3090800	11	3102300	13	3113600	17
3090900	11	3102400	13	3113700	16
3091000	11	3102500	13	3113800	16
3091100	11	3102600	13	3113900	16
3091200	11	3102700	13	3114000	16
3091300	11	3102800	13	3114100	16
3091400	11	3102900	13	3114200	16



KOD	SAYFA	KOD	SAYFA	KOD	SAYFA
3114300	16	3122300	19	3127100	21
3114400	16	3122400	19	3127200	21
3114500	16	3122500	19	3127300	21
3114600	16	3122600	19	3130000	22
3114700	16	3122700	19	3130100	22
3114800	16	3122800	19	3130200	22
3114900	16	3122900	19	3130300	22
3115000	16	3123000	19	3130400	22
3115100	16	3123100	19	3130500	22
3115200	16	3123200	19	3130600	22
3115300	16	3123300	19	3130700	22
3115400	17	3123400	20	3130800	22
3115500	17	3123500	20	3130900	22
3115600	17	3123600	20	3131000	22
3115700	17	3123700	20	3131100	22
3115800	17	3123800	20	3131200	22
3115900	17	3123900	20	3131300	22
3116000	17	3124000	20	3131400	22
3116100	17	3124100	20	3131500	22
3116200	17	3124200	20	3131600	22
3116300	17	3124300	20	3131700	22
3116400	15	3124400	20	3131800	22
3116500	15	3124500	20	3131900	22
3116600	15	3124600	20	3132000	22
3116700	15	3124700	20	3132100	22
3120000	18	3124800	20	3132200	22
3120100	18	3124900	20	3132300	22
3120200	18	3125000	20	3132400	22
3120300	18	3125100	20	3132500	22
3120400	18	3125200	20	3132600	22
3120500	18	3125300	20	3132700	22
3120600	18	3125400	20	3132800	22
3120700	18	3125500	20	3132900	22
3120800	18	3125600	21	3133000	22
3120900	18	3125700	21	3133100	22
3121000	18	3125900	21	3133200	22
3121100	18	3126000	21	3133300	22
3121200	19	3126100	21	3133400	22
3121300	19	3126200	21	3133500	22
3121400	19	3126200	55	3133600	22
3121500	19	3126300	21	3133700	22
3121600	19	3126400	21	3133800	22
3121700	19	3126500	21	3133900	22
3121800	19	3126600	21	3134000	22
3121900	19	3126700	21	3134100	22
3122000	19	3126800	21	3134200	22
3122100	19	3126900	21	3134300	22
3122200	19	3127000	21	3134400	22



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3134600	22	3156800	24	3230500	69
3134700	22	3156900	24	3230600	70
3134800	22	3157000	24	3230700	70
3134900	22	3157100	24	3230800	70
3135000	22	3157200	24	3230900	70
3135100	22	3157300	24	3231000	70
3150000	23	3157400	24	3231100	70
3150100	23	3157500	24	3231200	70
3150200	23	3157600	24	3231300	70
3150300	23	3157700	24	3231400	71
3150400	23	3200000	26	3231500	71
3150500	23	3200100	26	3231600	71
3150600	23	3200200	26	3231700	71
3150700	23	3200300	26	3231800	71
3150800	23	3200400	26	3231900	71
3150900	23	3200500	26	3232000	71
3151000	23	3200600	26	3232100	71
3151100	23	3200700	26	3232200	72
3151200	23	3200800	26	3232300	72
3151300	23	3200900	26	3232400	72
3151400	23	3201000	26	3232500	72
3151500	23	3201100	26	3232600	72
3151600	23	3201200	26	3232700	72
3151700	23	3201300	26	3232800	72
3151800	23	3201400	26	3232900	72
3151900	23	3201500	26	3233000	73
3152000	23	3201600	26	3233100	73
3152100	23	3201700	26	3233200	73
3152200	23	3201800	26	3233300	73
3152300	23	3201900	26	3233400	73
3155000	24	3202000	26	3233500	73
3155100	24	3202100	26	3233600	73
3155200	24	3202200	26	3233700	73
3155300	24	3202300	26	3233800	74
3155400	24	3202400	26	3233900	74
3155500	24	3202500	26	3234000	74
3155600	24	3202600	26	3234100	74
3155700	24	3202700	26	3234200	74
3155800	24	3202800	26	3234300	74
3155900	24	3202900	26	3234400	74
3156000	24	3203000	26	3234500	74
3156100	24	3203100	26	3234600	74
3156200	24	3226100	55	3234700	74
3156300	24	3230000	69	3234800	75
3156400	24	3230100	69	3234900	75
3156500	24	3230200	69	3235000	75
3156600	24	3230300	69	3235100	75



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3235300	75	3400700	28	3405600	50
3235400	75	3400800	28	3405700	50
3235500	76	3400900	28	3405800	50
3235600	76	3401000	28	3405900	50
3235700	76	3401100	28	3406000	48
3235800	76	3401200	28	3406100	41
3235900	76	3401300	28	3406200	41
3236000	76	3401500	28	3406400	29
3236100	76	3401600	28	3406500	29
3236200	76	3401700	28	3406600	41
3236300	76	3401800	28	3406700	29
3236400	76	3401900	28	3406800	29
3236500	76	3402000	28	3406900	29
3236600	76	3402100	28	3407000	29
3236700	76	3402200	28	3407100	41
3236800	76	3402300	28	3407500	48
3236900	76	3402400	28	3407600	27
3240000	77	3402500	28	3407700	27
3240100	77	3402600	28	3407800	41
3240200	77	3402700	28	3407900	47
3240300	77	3402800	28	3408000	47
3240400	77	3402900	28	3408100	27
3240500	77	3403000	28	3408200	27
3240600	77	3403100	28	3408300	27
3240700	78	3403200	29	3408400	27
3240800	78	3403300	29	3408500	27
3240900	78	3403400	41	3408600	27
3241000	78	3403500	41	3408800	41
3241100	78	3403600	41	3408900	41
3241200	78	3403700	41	3409100	42
3241300	78	3403800	41	3409200	42
3241400	78	3403900	41	3409321	44
3241500	78	3404000	41	3409331	45
3241600	78	3404100	41	3409341	45
3241700	78	3404130	45	3409351	45
3241800	78	3404140	45	3409400	27
3241900	78	3404500	41	3409500	37
3242000	78	3404600	41	3409600	37
3242100	78	3404700	29	3409700	37
3242200	78	3404800	29	3409800	27
3242300	78	3404800	42	3409900	51
3326000	55	3404801	42	3410000	51
3400100	28	3404900	29	3410100	60
3400200	28	3405000	29	3410200	35
3400300	28	3405100	29	3410300	60
3400400	28	3405200	29	3410400	60
3400500	28	3405400	50	3410500	60



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3410600	35	3415300	48	3419900	60
3410700	35	3415900	46	3420000	59
3410800	60	3415914	46	3420100	59
3410900	60	3415916	46	3420200	37
3411900	27	3416300	27	3420300	37
3412000	27	3416400	27	3420400	59
3412100	27	3416500	46	3420500	60
3412200	27	3416600	46	3420600	35
3412300	27	3416700	27	3420700	35
3412400	27	3416800	27	3420800	35
3412500	27	3416900	27	3420900	35
3412600	27	3417000	27	3421000	35
3412700	48	3417100	53	3421100	35
3412701	48	3417101	53	3421200	35
3412800	27	3417200	53	3421300	35
3412801	27	3417202	53	3421400	35
3412900	27	3417300	53	3421500	60
3413000	47	3417301	53	3421600	35
3413100	47	3417400	53	3421700	60
3413200	52	3417401	53	3421800	35
3413300	52	3417500	54	3421900	47
3413400	52	3417501	54	3422000	46
3413500	52	3417600	54	3422024	46
3413600	52	3417601	54	3422100	60
3413700	52	3417700	53	3422200	60
3413900	41	3417701	53	3422300	60
3414000	27	3417800	53	3422400	46
3414200	27	3417801	53	3422500	46
3414400	47	3417900	29	3422524	46
3414500	47	3418000	29	3422600	46
3414600	27	3418100	29	3422700	46
3414700	27	3418200	29	3422800	46
3414800	27	3418300	29	3422824	46
3415000	48	3418400	29	3422900	47
3415100	48	3418500	29	3423000	47
3415210	44	3418600	29	3423100	47
3415212	44	3418700	29	3423200	46
3415214	44	3418800	29	3423300	46
3415216	44	3418900	29	3423400	46
3415220	44	3419000	29	3423500	46
3415225	44	3419100	29	3423600	46
3415230	44	3419200	29	3423700	47
3415240	44	3419300	35	3423800	47
3415243	44	3419400	60	3423900	41
3415246	44	3419500	60	3424000	41
3415250	44	3419600	60	3424100	42
3415260	44	3419700	35	3424200	42
3415280	44	3419800	35	3424300	42



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3424400	47	3427741	43	3433501	40
3424500	47	3427800	49	3433600	37
3424600	27	3427900	49	3433700	30
3424700	48	3428000	49	3433800	30
3424800	48	3428112	52	3433900	30
3424900	48	3428200	48	3434000	30
3425000	27	3428300	48	3434100	30
3425100	46	3428400	48	3434200	55
3425200	46	3429500	48	3434300	30
3425300	29	3429700	49	3434400	30
3425400	46	3429800	49	3434500	30
3425500	53	3430000	45	3434600	30
3425501	53	3430100	45	3434700	30
3425600	53	3430200	45	3434800	30
3425601	53	3430300	45	3434900	30
3425700	55	3430400	45	3435000	30
3425800	55	3430500	45	3435100	30
3425900	55	3430600	45	3435200	30
3426501	54	3430700	45	3435300	31
3426601	54	3430800	30	3435400	31
3426701	54	3430900	30	3435500	30
3426801	54	3431000	42	3435600	30
3426900	55	3431100	42	3435700	31
3427000	55	3431200	42	3435800	31
3427100	55	3431300	42	3435900	31
3427200	55	3431400	42	3436000	31
3427300	42	3431500	42	3436100	31
3427400	30	3431600	42	3436200	31
3427500	43	3431700	53	3436300	31
3427512	43	3431800	54	3436400	31
3427514	43	3431900	54	3436600	31
3427516	43	3432000	52	3436700	31
3427520	43	3432100	52	3436800	37
3427521	43	3432200	30	3436900	55
3427524	43	3432300	30	3437000	55
3427530	43	3432400	30	3437100	55
3427531	43	3432500	46	3437200	55
3427541	43	3432600	46	3437300	56
3427700	43	3432700	27	3437400	56
3427712	43	3432800	30	3437500	56
3427714	43	3432900	30	3437600	56
3427716	43	3433000	37	3437700	56
3427720	43	3433100	37	3437800	56
3427721	43	3433200	30	3437900	50
3427724	43	3433300	37	3438000	60
3427730	43	3433400	34	3438100	60
3427731	43	3433401	40	3438200	39



KOD	SAYFA	KOD	SAYFA	KOD	SAYFA
3438300	37	3442930	50	3447100	38
3438400	37	3442933	50	3447200	38
3438500	37	3442942	50	3447300	38
3438600	38	3442948	50	3447400	38
3438700	39	3442951	50	3447500	38
3438800	38	3442960	50	3447600	38
3438900	38	3442976	50	3447700	39
3439000	38	3442990	50	3447800	39
3439100	37	3443000	50	3447900	39
3439200	39	3443100	50	3448000	39
3439300	39	3443200	47	3448100	34
3439400	31	3443300	47	3448200	30
3439500	31	3443400	50	3448300	39
3439600	31	3443500	58	3448400	39
3439700	31	3443600	58	3448500	38
3439800	31	3443700	58	3448600	38
3439900	53	3443800	58	3448700	38
3439901	53	3443900	58	3448800	38
3440000	53	3444000	58	3448900	38
3440001	53	3444100	57	3449000	38
3440100	53	3444200	57	3449100	38
3440101	53	3444300	57	3449200	38
3440200	53	3444400	57	3449300	38
3440201	53	3444500	57	3449400	38
3440300	31	3444600	57	3449500	38
3440400	31	3444700	57	3449600	38
3440500	31	3444800	57	3449700	38
3440600	31	3444900	57	3449800	38
3440700	31	3445000	57	3500000	39
3440800	31	3445100	57	3500100	39
3440900	31	3445200	57	3500200	39
3441000	31	3445300	57	3500300	39
3441100	31	3445400	57	3500400	39
3441200	31	3445500	57	3500500	39
3441300	32	3445600	57	3500600	39
3441400	32	3445700	57	3500601	40
3441500	32	3445800	57	3500700	34
3441600	32	3445900	57	3500800	34
3441700	32	3446000	57	3500900	34
3441800	32	3446100	57	3501000	34
3441900	32	3446200	57	3501100	38
3442100	47	3446300	57	3501200	37
3442200	47	3446400	57	3501300	37
3442323	49	3446500	33	3501400	37
3442324	49	3446600	33	3501500	37
3442334	49	3446700	33	3501600	37
3442335	49	3446900	33	3501700	37
3442346	49	3447000	38	3501800	37



KOD	SAYFA	KOD	SAYFA	KOD	SAYFA
3502400	33	3507200	34	3510050	51
3502500	33	3507300	34	3510120	49
3502500	33	3507400	34	3510123	49
3502600	56	3507500	34	3510124	49
3502700	56	3507600	32	3510125	49
3502800	56	3507700	32	3510130	49
3502900	56	3507800	32	3510135	49
3503000	56	3507900	32	3510140	49
3503100	56	3508000	51	3510146	49
3503200	56	3508040	51	3510150	49
3503300	56	3508050	51	3510160	49
3503400	56	3508060	51	3510400	49
3503500	56	3508070	51	3510500	32
3503600	56	3508080	51	3510600	32
3503700	59	3508090	51	3510700	32
3503800	59	3508100	51	3510800	33
3503900	59	3508200	51	3510900	33
3504000	59	3508300	50	3511000	29
3504100	59	3508340	50	3511100	29
3504200	59	3508350	50	3511200	33
3504300	59	3508360	50	3511300	33
3504400	59	3508370	50	3511400	33
3504500	59	3508380	50	3511500	33
3504600	33	3508390	50	3511600	33
3504700	33	3508400	50	3511700	33
3504900	42	3508500	50	3512400	33
3504901	42	3508800	52	3512500	56
3505000	30	3508801	52	3512600	56
3505100	39	3508900	37	3512700	56
3505200	34	3509000	37	3512800	56
3505300	34	3509100	34	3513401	35
3505400	34	3509200	34	3513402	35
3505500	34	3509300	32	3513403	35
3505600	34	3509400	32	3513404	35
3505700	34	3509500	32	3513405	35
3505800	39	3509600	32	3513500	65
3505900	39	3509700	32	3513600	65
3506000	39	3509800	32	3513700	65
3506100	39	3509900	32	3513800	65
3506200	39	3510000	32	3513900	65
3506300	39	3510025	51	3514000	65
3506400	39	3510030	51	3514100	66
3506500	34	3510032	51	3514200	66
3506600	34	3510035	51	3514300	66
3506700	42	3510038	51	3514400	66
3506800	42	3510040	51	3514500	66
3506900	42	3510042	51	3514600	66
3507000	42	3510048	51	3514700	67



KOD	SAYFA	KOD	SAYFA	KOD	SAYFA
3514800	67	3518400	42	4340800	61
3514900	67	3518500	58	4340900	61
3515000	67	3518600	58	4341700	61
3515100	67	3518700	58	4343600	61
3515200	67	3518800	58	4343700	61
3515300	68	3518900	40	4344000	61
3515400	68	3519000	40	4344100	61
3515500	68	3519100	40	4344200	61
3515600	68	3519200	40	4344300	61
3515700	68	3519500	40	4344600	61
3515800	68	3519600	40	4344800	61
3515900	69	3519700	40	4344900	61
3516000	69	3519800	40	4345100	62
3516100	69	3520500	58	4345200	62
3516300	51	3520600	58	4345300	62
3516330	51	3520700	58	4345400	62
3516340	51	3521200	36	4345700	62
3516350	51	3521300	36	4345800	62
3516360	51	3521400	36	4346600	61
3516380	51	3521500	36	4346700	61
3516400	51	3521600	36	4346800	61
3516500	51	3521700	36	4346900	61
3516600	51	3521800	36	4347000	61
3516700	51	3521900	36	4347500	61
3516830	51	3522000	36	5341000	62
3516833	51	3522100	36	5341100	63
3516842	51	3522200	36	5341300	63
3516848	51	3522300	36	5341600	63
3516851	51	3522400	36	5342000	63
3516860	51	3522500	36	5342800	63
3516876	51	3522600	36	5343000	63
3516890	51	3522700	36	5343700	63
3516900	51	3522800	36	5344000	63
3517000	51	3522900	36	5345500	62
3517100	35	3523000	36	5347500	62
3517101	35	3523100	33	6340600	62
3517200	35	3523200	33	6340800	62
3517300	35	3524000	33	6342800	62
3517400	35	3524400	54	6344800	62
3517500	35	3524500	54	7340200	62
3517600	51	3524600	54	7340300	62
3517700	36	3524700	54	7344300	62
3517800	36	3524800	54	7344400	62
3517900	36	3524900	54	7344500	62
3518000	36	3531600	40	7345000	62
3518100	36	3531700	40	8340400	62
3518200	36	4312600	61	8340700	62
3518300	36	4312700	61	8340800	62

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