



A:1S



A:2S



A:3S



A:4S



A:5S



A:6S



A:7S



A:8S



A:9S

A:10S



A:11S



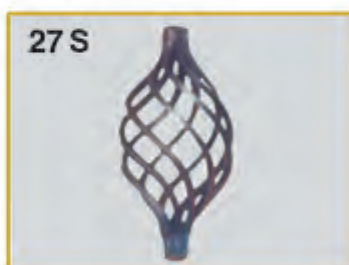
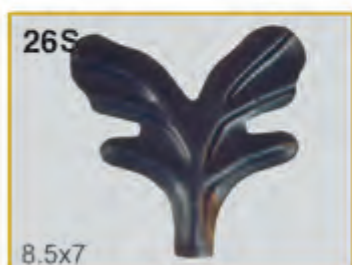
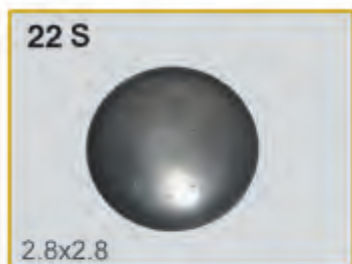
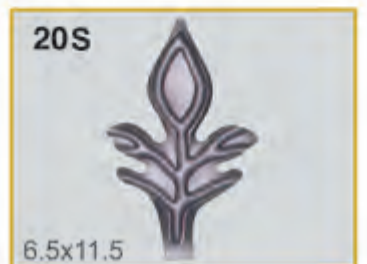
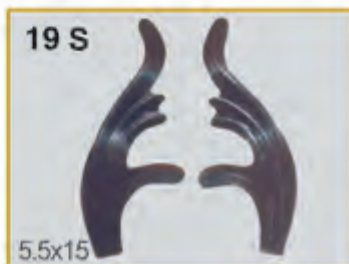
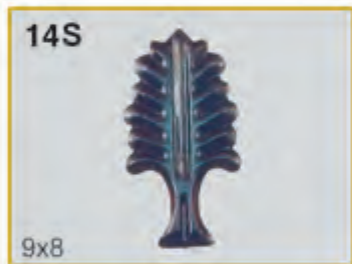
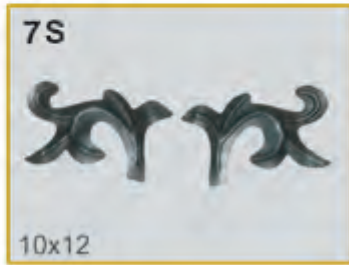
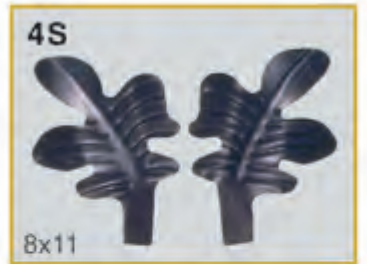
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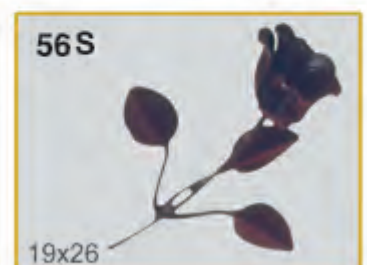
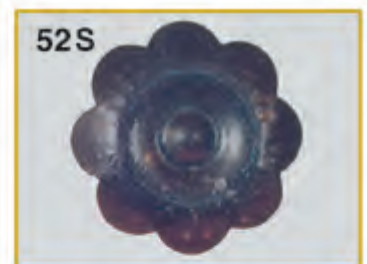
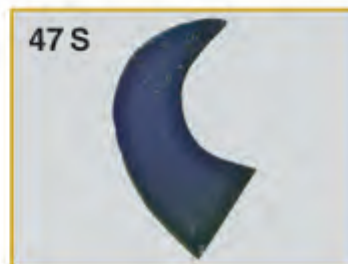
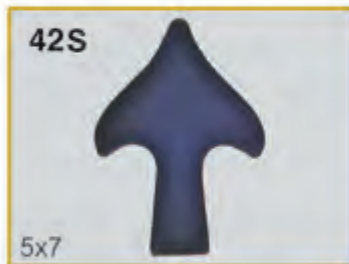
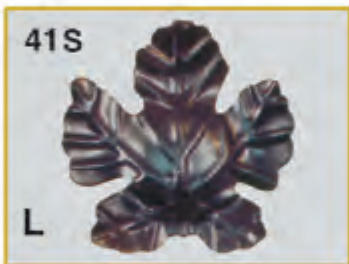
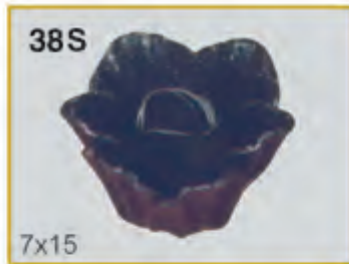
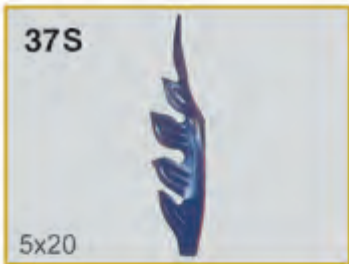
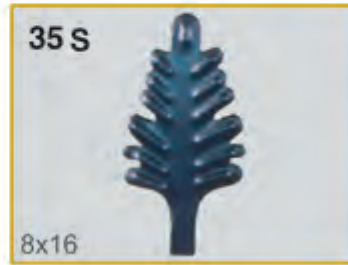


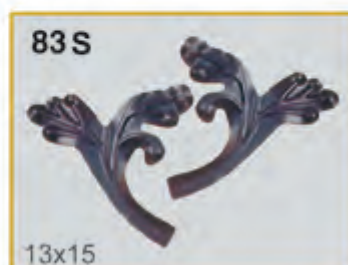
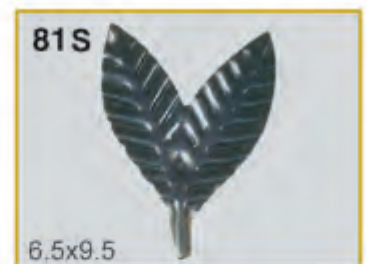
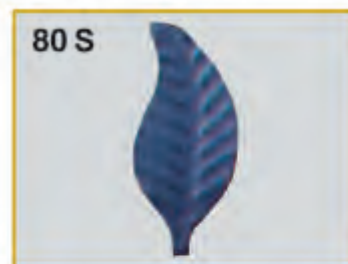
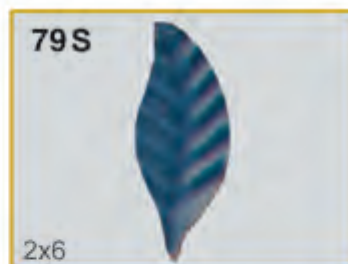
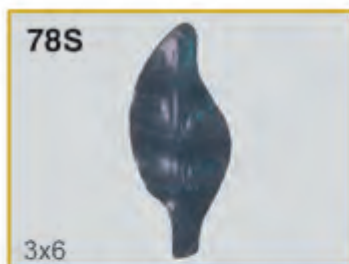
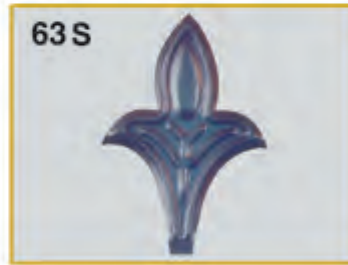
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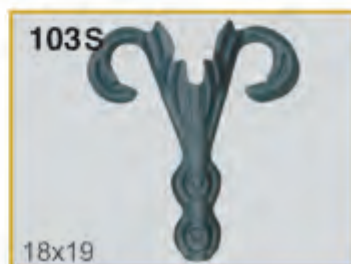
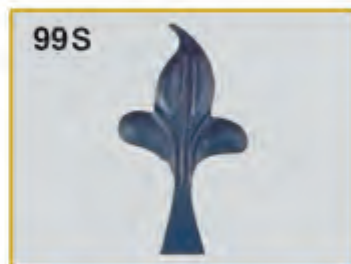
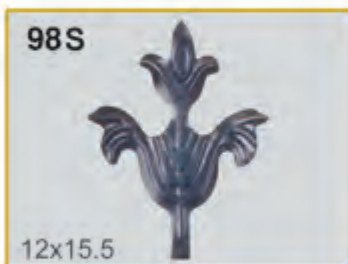
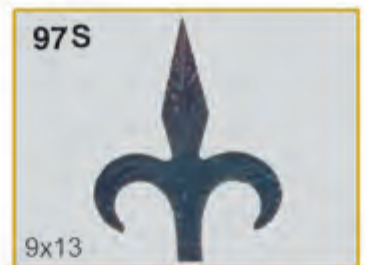
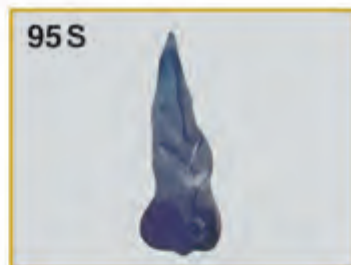
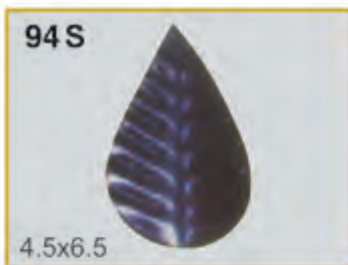
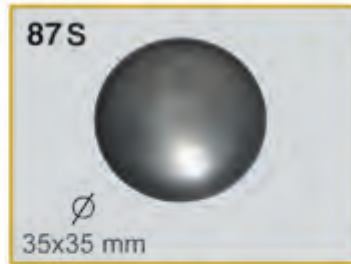


A:14S

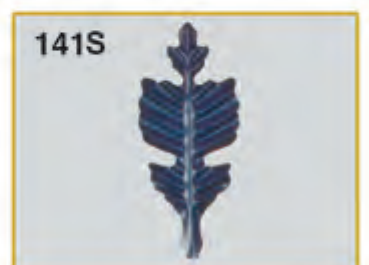
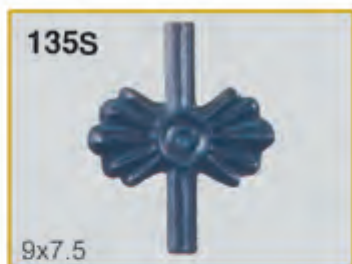
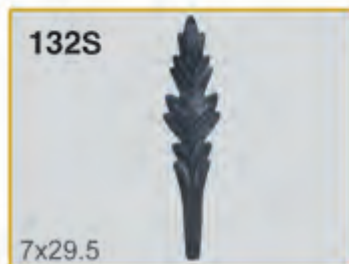
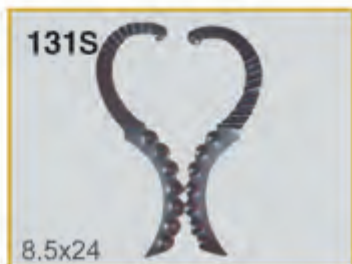
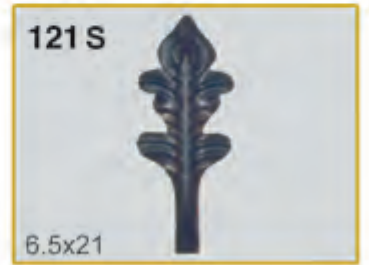
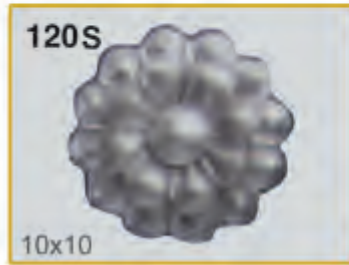
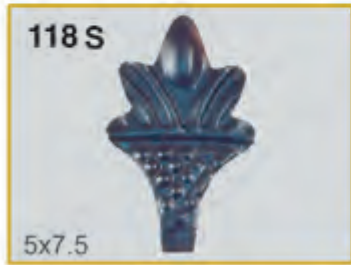


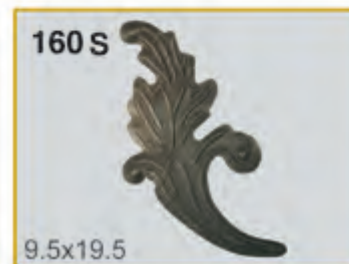
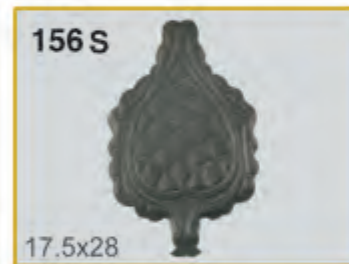
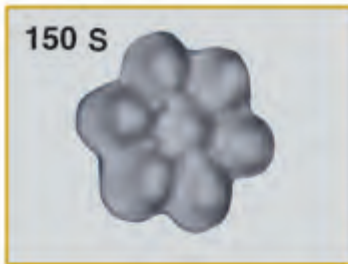
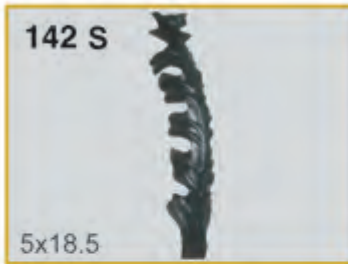


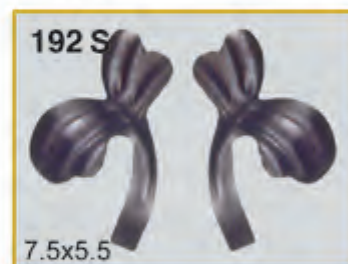
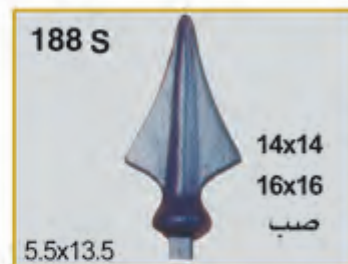
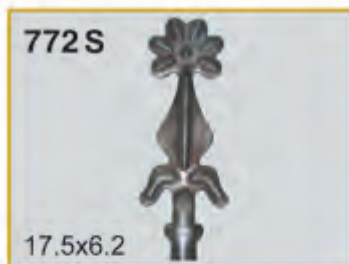
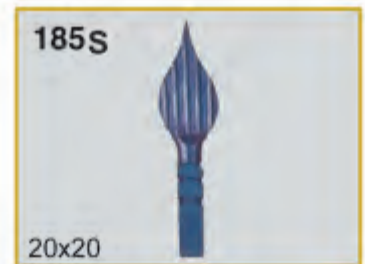
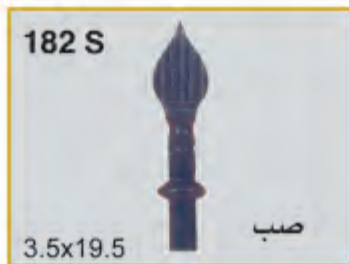
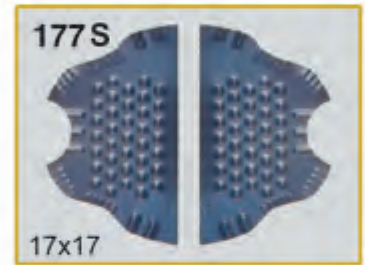


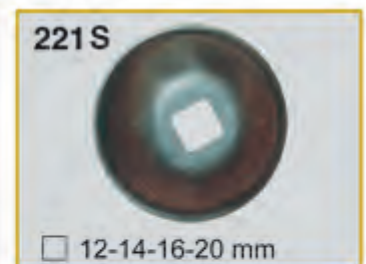
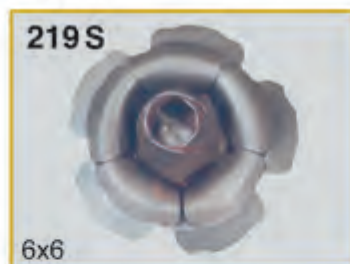
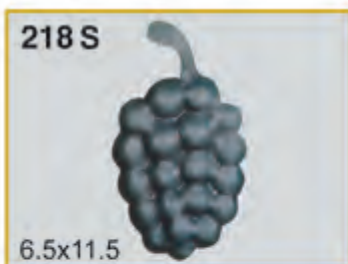
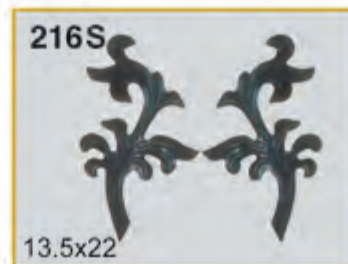
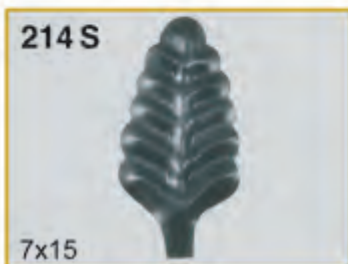


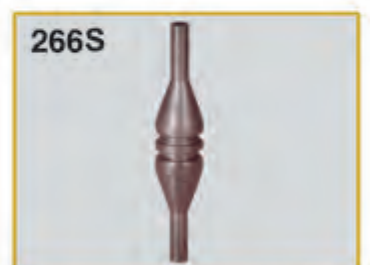
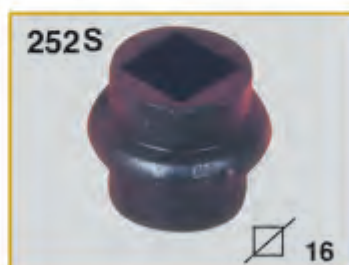
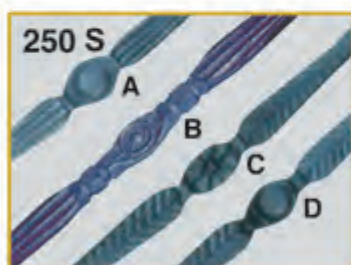
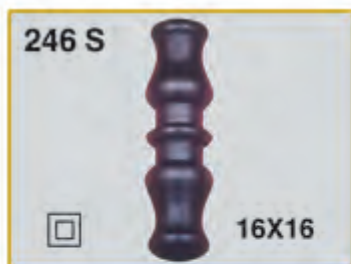
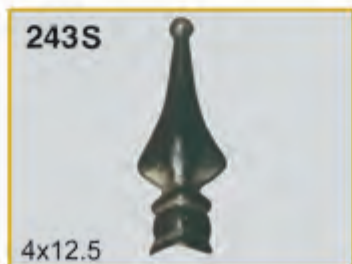
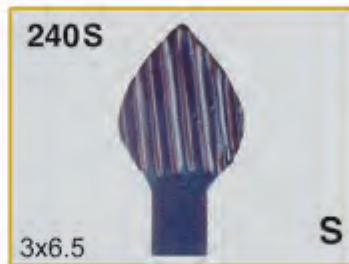
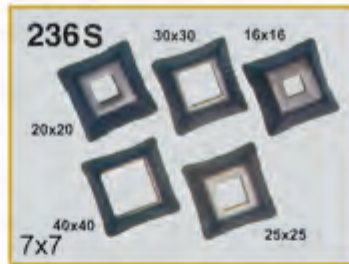
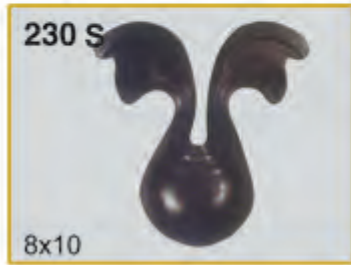


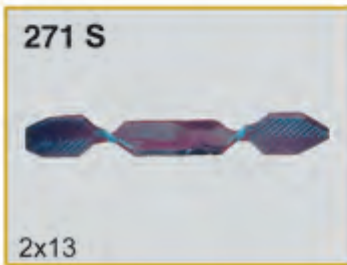


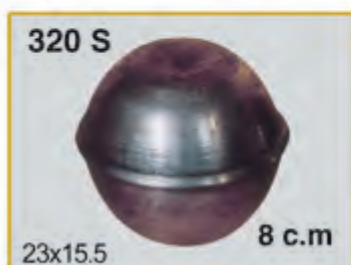
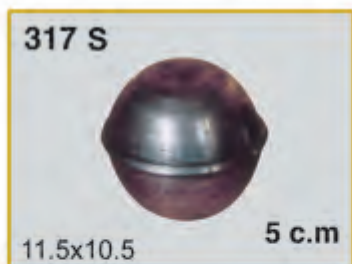
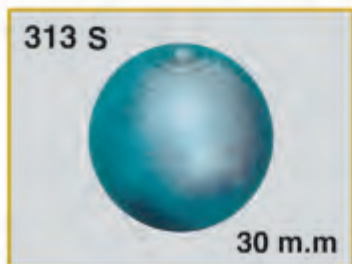
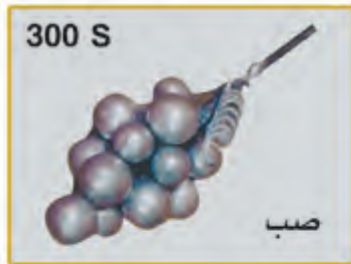


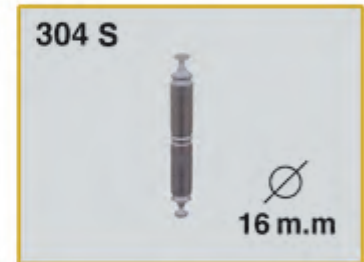
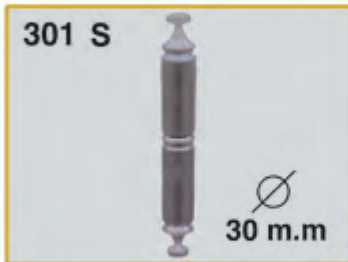
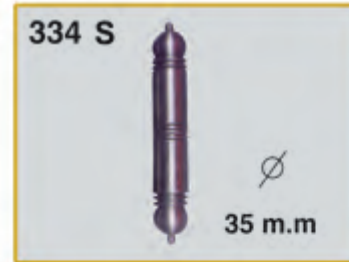
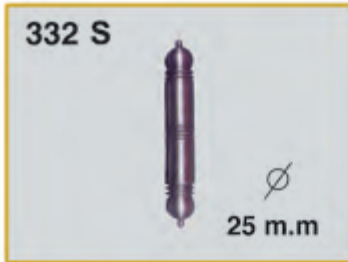
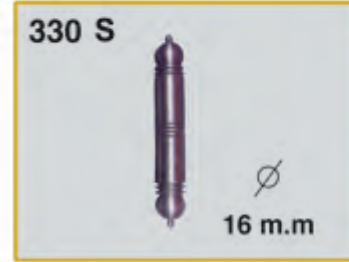
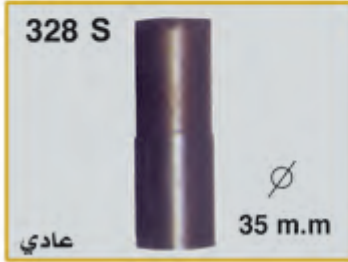
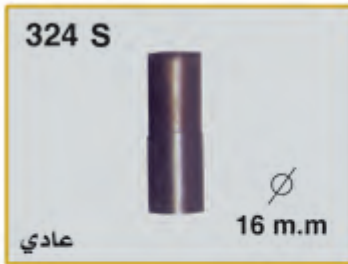






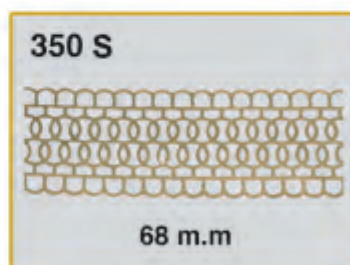
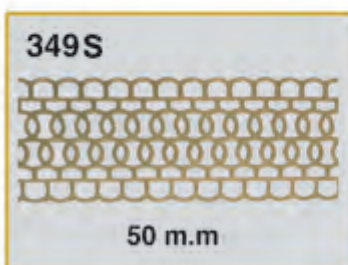
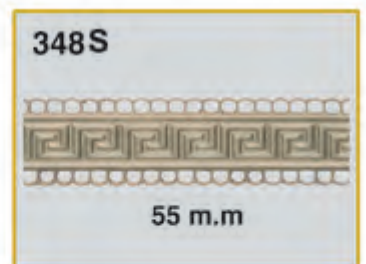
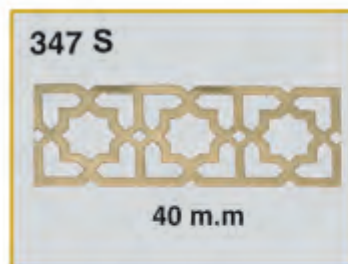
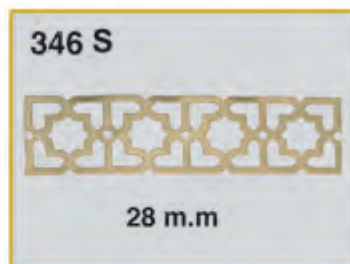
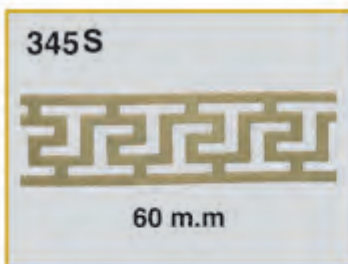
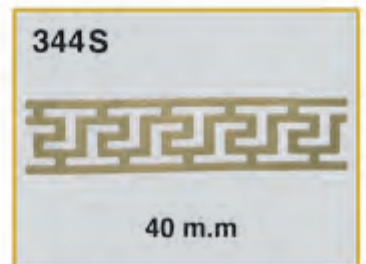
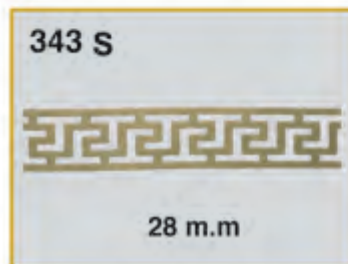
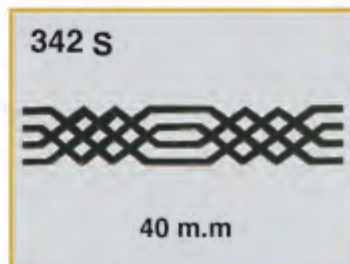
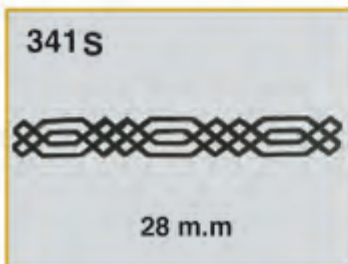
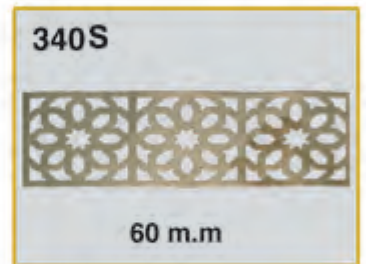
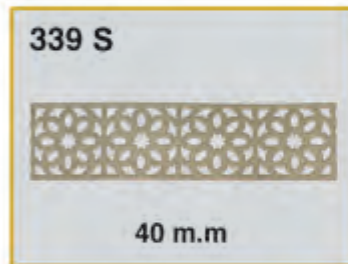
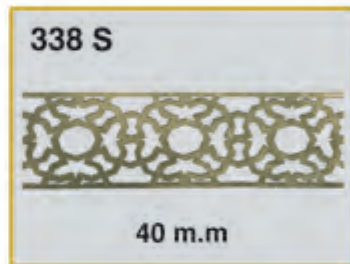
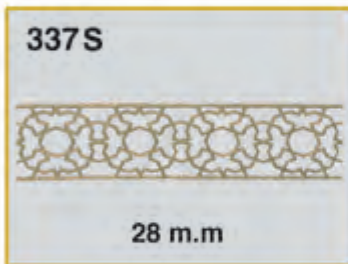
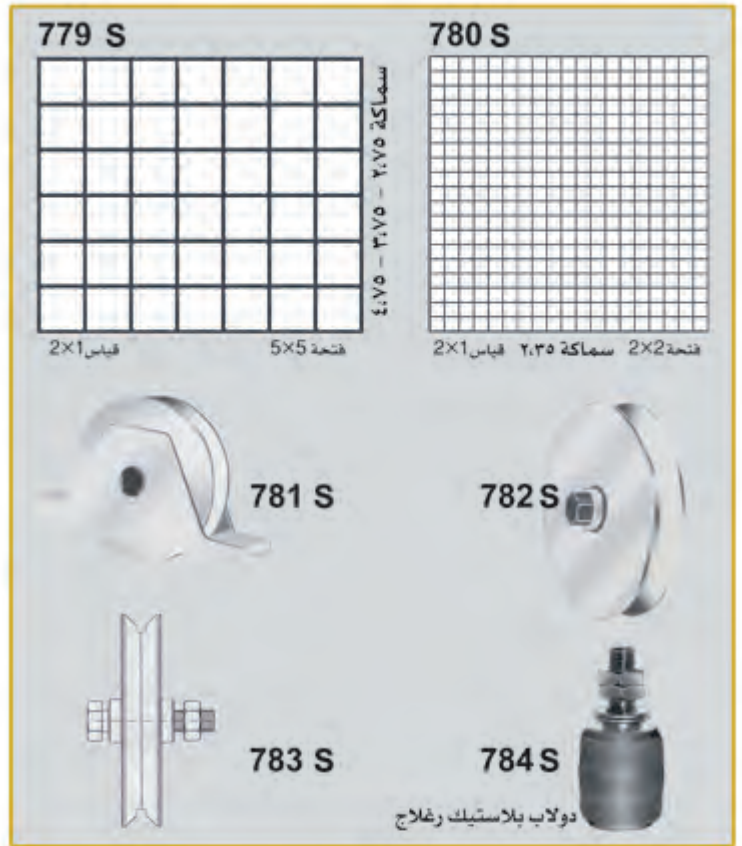
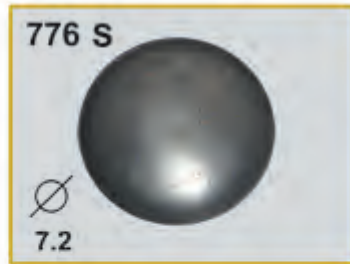


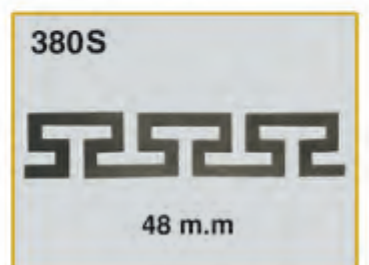
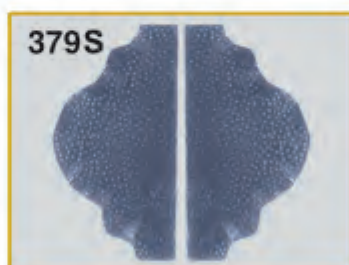
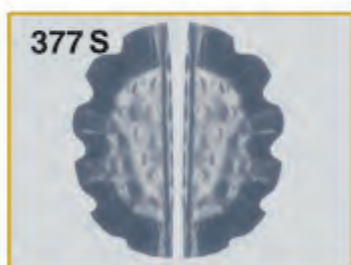
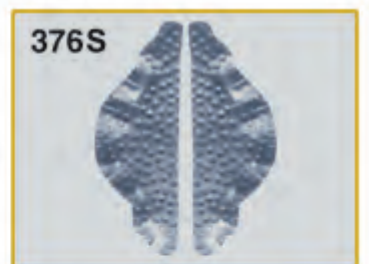
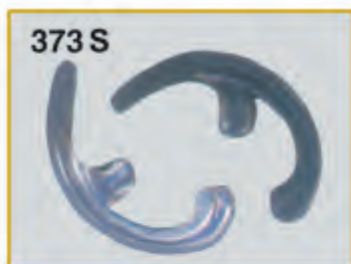
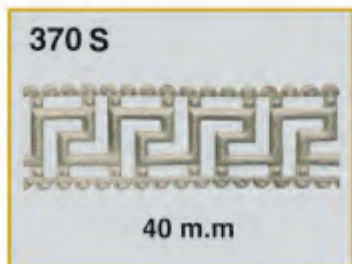
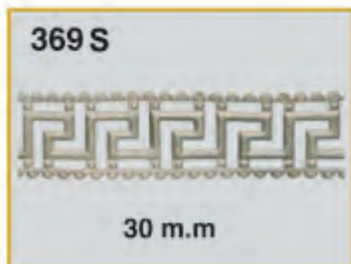
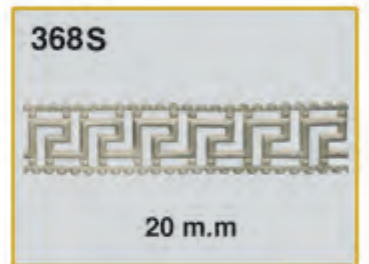
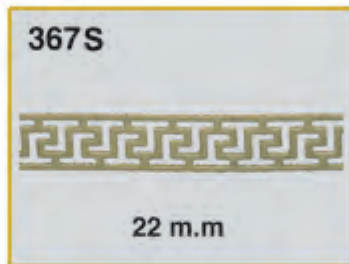
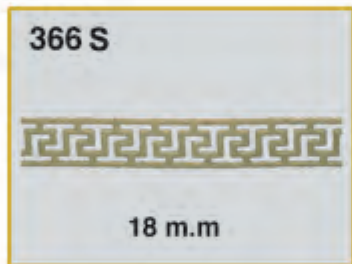
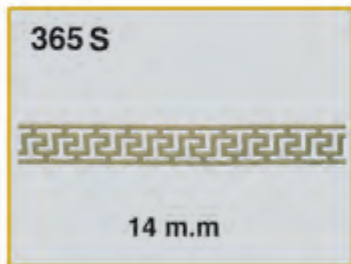
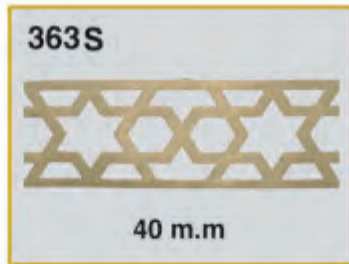
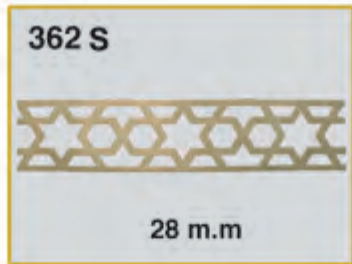
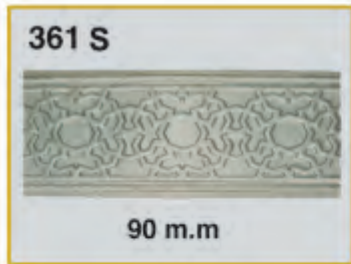
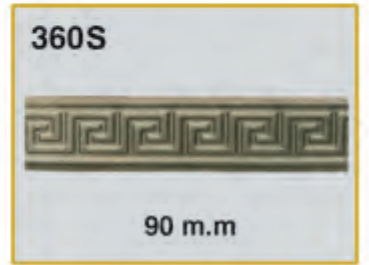
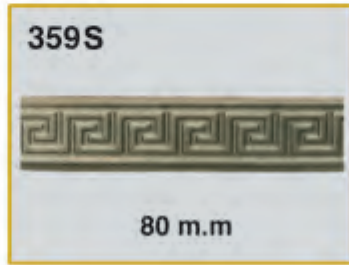
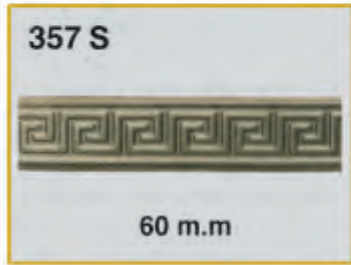
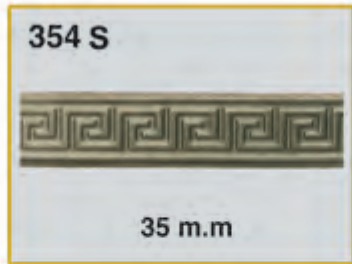
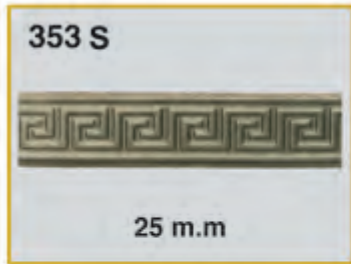




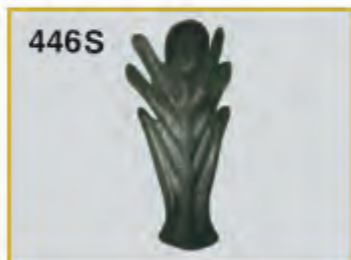
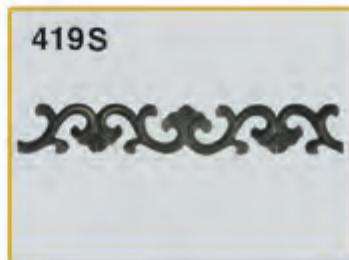
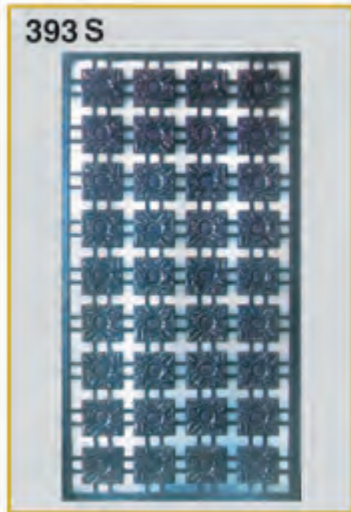


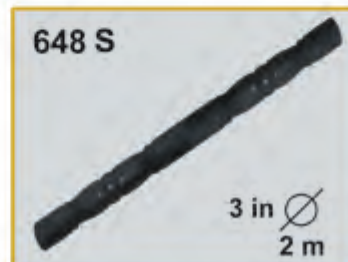
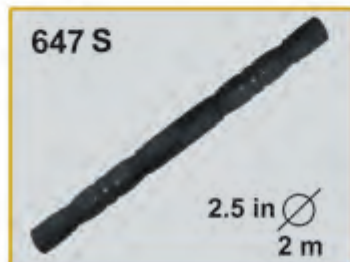
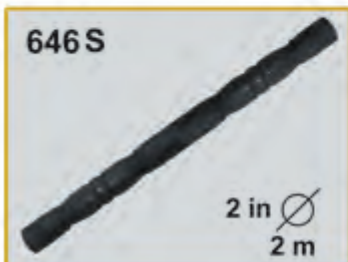
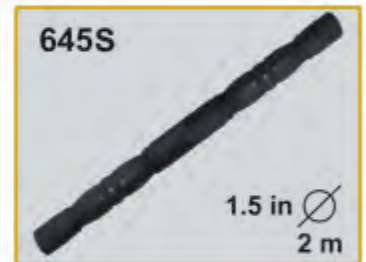
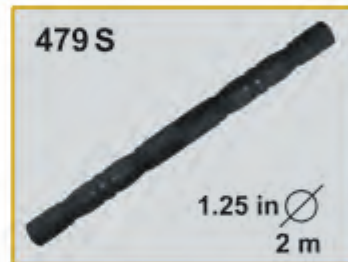


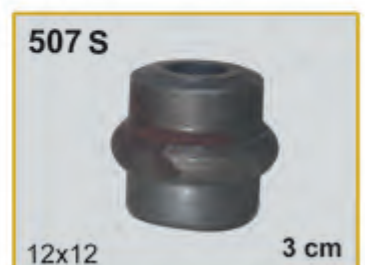
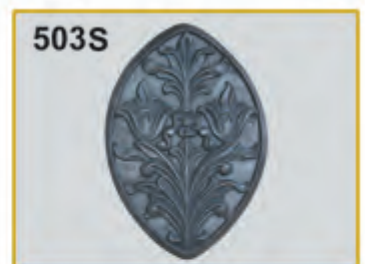
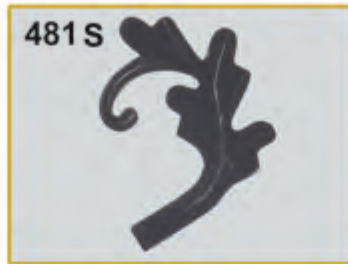


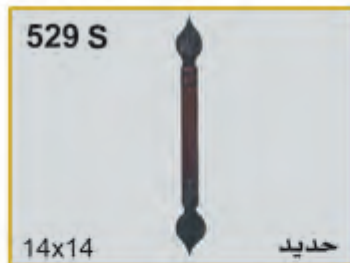










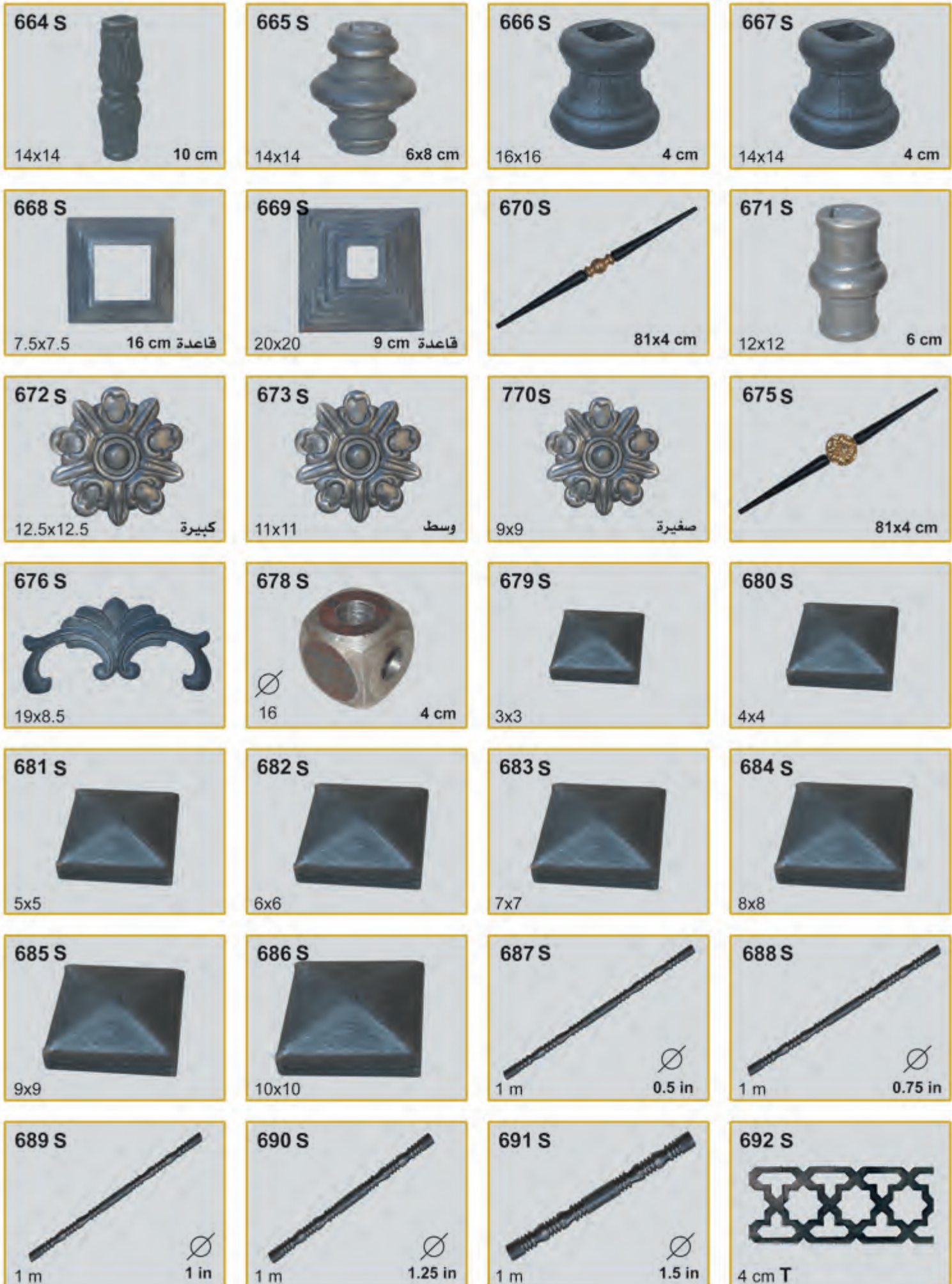


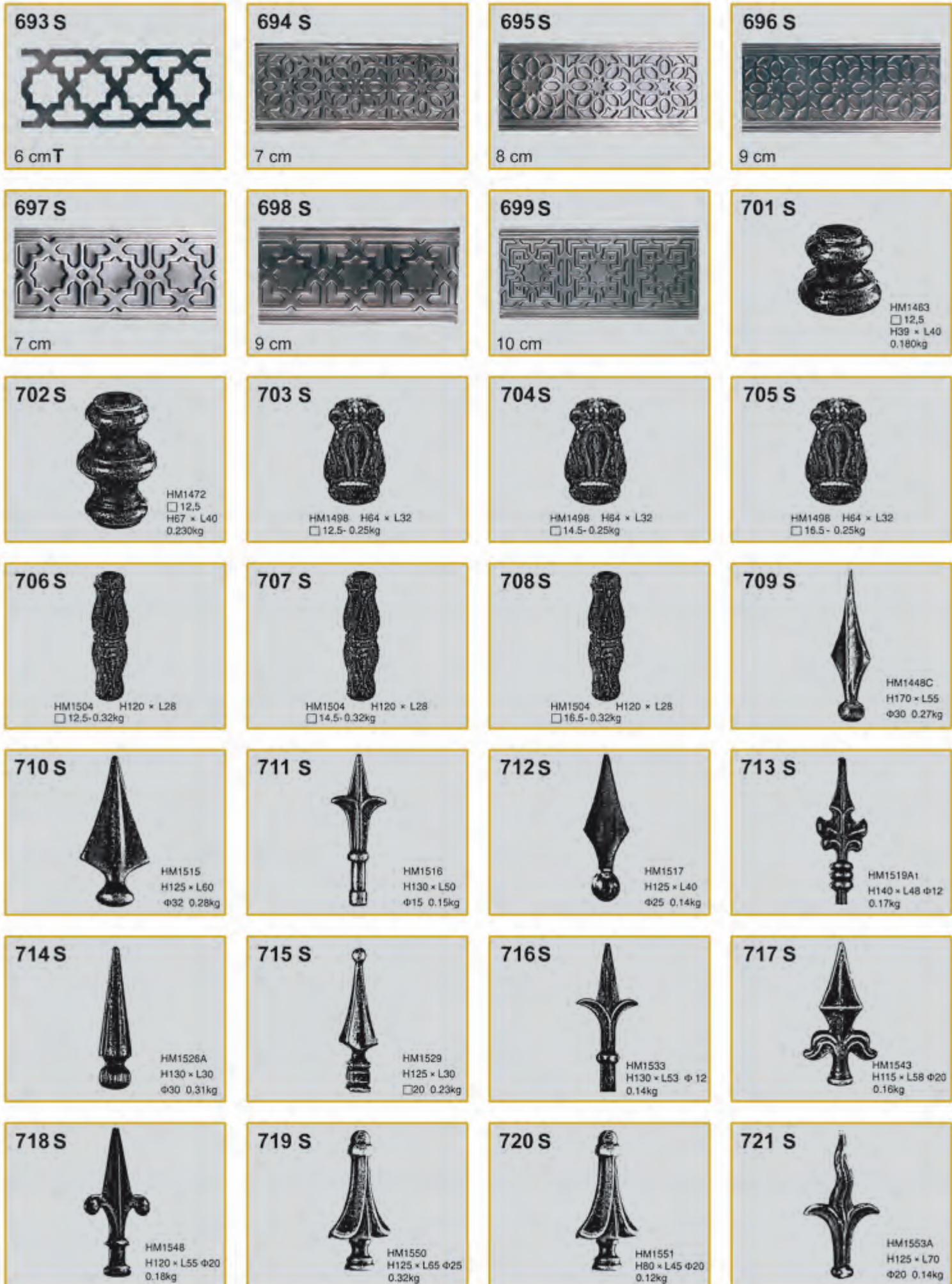


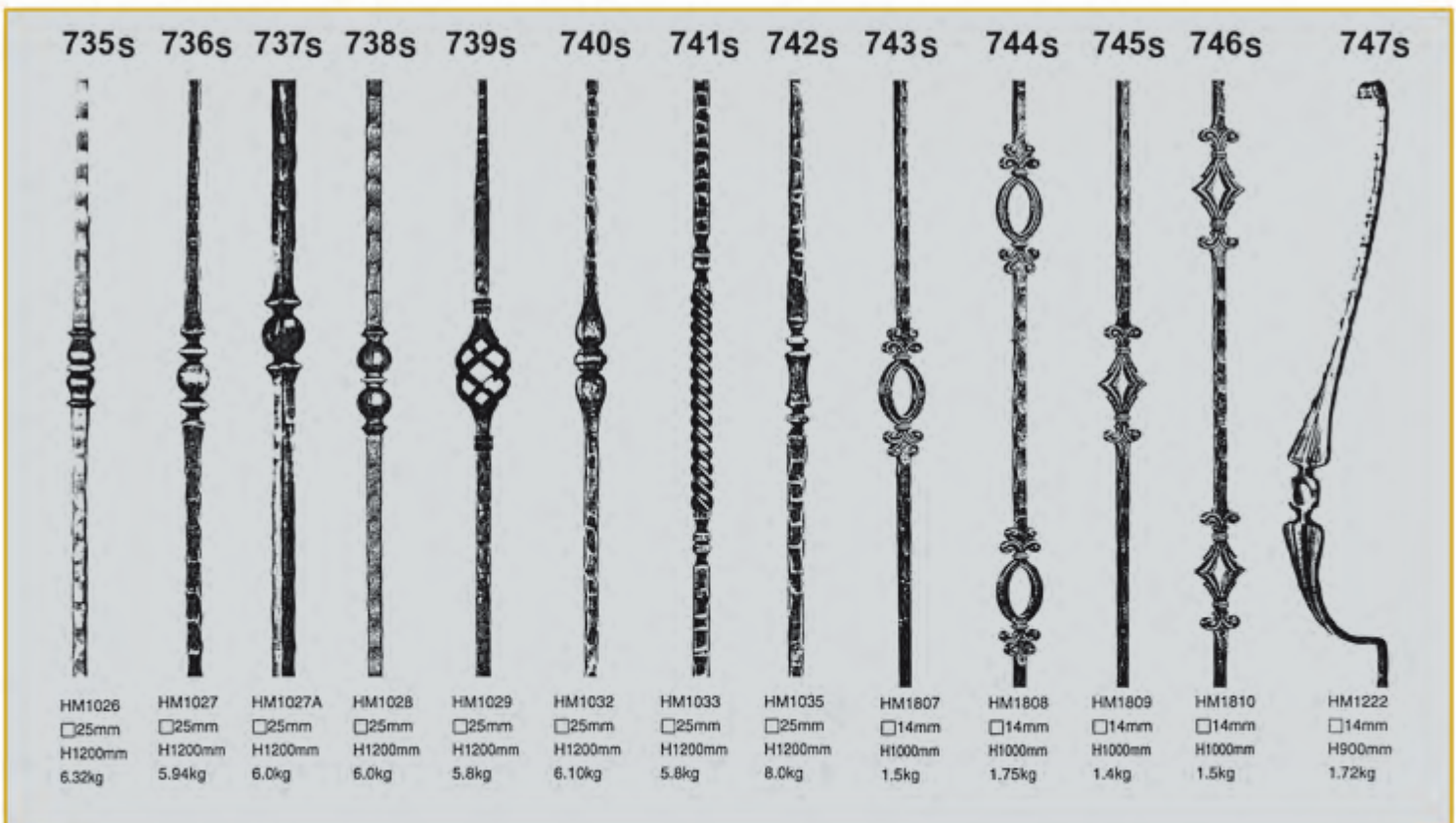
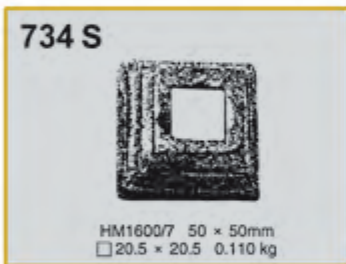
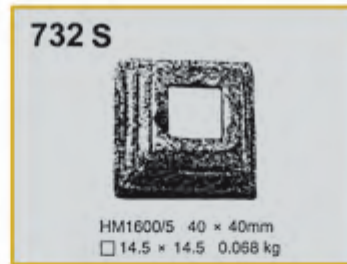
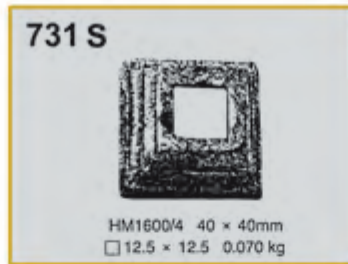


































748s	749s	750s	751s	752s	753s	754s	755s	756s	757s	758s
										
HM1061 □14mm H900mm 1.5kg	HM1062 □14mm H900mm 1.8kg	HM1063 □14mm H900mm 2.38kg	HM1064 □14mm H900mm 3.1kg	HM1067 □14mm H900mm 1.48kg	HM1203 □14mm H900mm 1.52kg	HM1815 □14mm H900mm 1.4kg	HM1816 □14mm H900mm 1.4kg	HM1237 □12mm H900mm 1.0kg	HM1237A □12mm H900mm 1.1kg	HM1237B □12mm H900mm 1.2kg

759s	760s	761s	762s	763s	764s	765s	766s	767s	768s	769s
										
HM1238 □12mm H900mm 1.0kg	HM1776 □12mm H900mm 1.65kg	HM1777 □12mm H900mm 1.3kg	HM1780 □12mm H900mm 1.31kg	HM1781 □12mm H900mm 1.23kg	HM1778 □12mm H900mm 1.41kg	HM1779 □12mm H900mm 1.25kg	HM1788 □12mm H900mm 1.32kg	HM1789 □12mm H900mm 1.45kg	HM1805 □12mm H900mm 1.45kg	HM1806 □12mm H900mm 1.5kg







A:19 S



A:20S



A:21S

A:22S



A:23S



A:24S



A:25S



A:26S



A:27S



A:28S



A:29S



A:30S



A:31S



A:32S



A:33S



A:34S



A:35S



A:36S



A:37S



A:38S



A:39S



A:40S





A:41S



A:42S



A:43S



A:44S



**RECTANGLE PYRAMID**



**SQUARE PYRAMID**



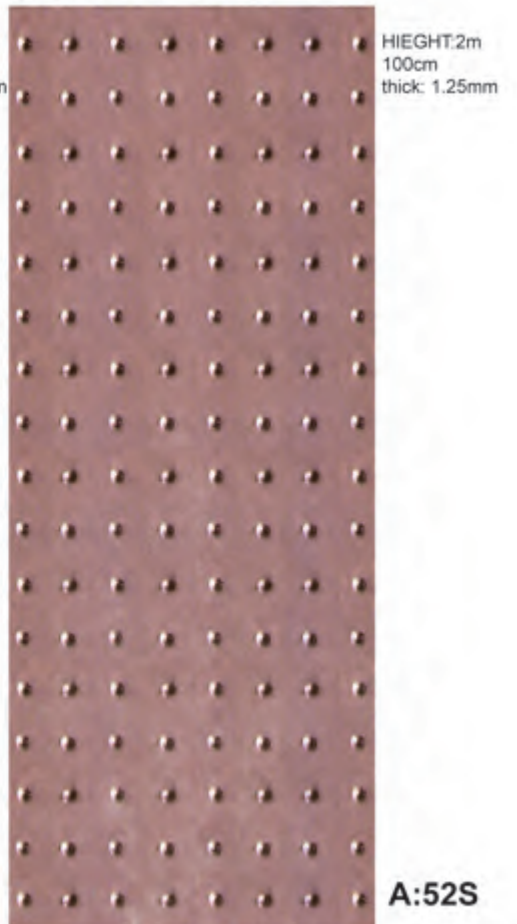
**ITALIAN (A)**



**ITALIAN (B)**



**KALAA**



**RECTANGLE PYRAMID**



HIEGHT:2m  
70cm  
1.25,1.5,2mm

**A:53S**

**SQUARE PYRAMID**



HIEGHT:2m  
70cm  
1.25,1.5,2mm

**A:54S**

**ITALIAN (A)**



HIEGHT:2m  
70cm  
1.25,1.5,2mm

**A:55S**

**ITALIAN (C)**



HIEGHT:2m  
100cm  
thick: 1.25 mm

**A:56S**

**ITALIAN (D)**



HIEGHT:2m  
100cm  
thick: 1.25 mm

**A:57S**

**ITALIAN (E)**



HIEGHT:2m  
100cm  
thick: 1.25 mm

**A:58S**

**ATARY**-THICKNESS:1.25-1.5-2 mm



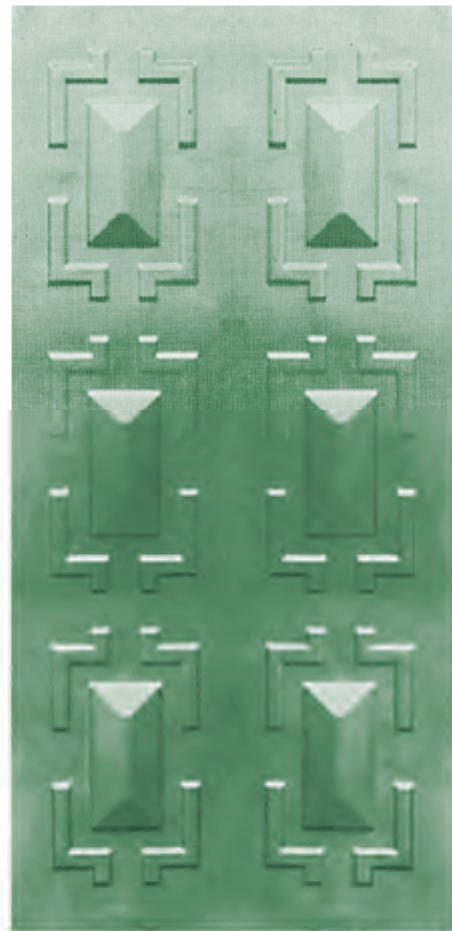
HIEGHT:2m  
65-75 cm

**A:59S**



HIEGHT:2m  
39-50 cm

**A:60S**



HIEGHT:2m  
100 cm

**A:61S**

**STAR**-THICKNESS:1.25-1.5-2 mm



HIEGHT:2m  
25-30cm

**A:62S**



HIEGHT:2m  
50cm

**A:63S**

**SQURE**



HIEGHT:2m  
25-30cm  
thick: 1.25-1.5-2mm

**A:64S**

**CROSS**



HIEGHT:2m  
100cm  
thick: 1.25 mm

**A:65S**

**ITALIAN (C)**



HIEGHT:2m  
70cm  
1.25,1.5,2mm

**A:66S**

**ITALIAN (D)**



HIEGHT:2m  
70cm  
1.25,1.5,2mm

**A:67S**

**ITALIAN (E)**



HIEGHT:2m  
70cm  
1.25,1.5,2mm

**A:68S**

**HINGES**



**774S**

DIAMETER: 40mm  
HEIGHT: 14cm

DIAMETER: 40mm  
HEIGHT: 16cm



**775S**

DIAMETER: 25mm  
HEIGHT: 10cm

DIAMETER: 25mm  
HEIGHT: 12cm



**776S**

DIAMETER: 30mm  
HEIGHT: 12cm

DIAMETER: 30mm  
HEIGHT: 13cm



**777S**

DIAMETER: 22mm  
HEIGHT: 8cm

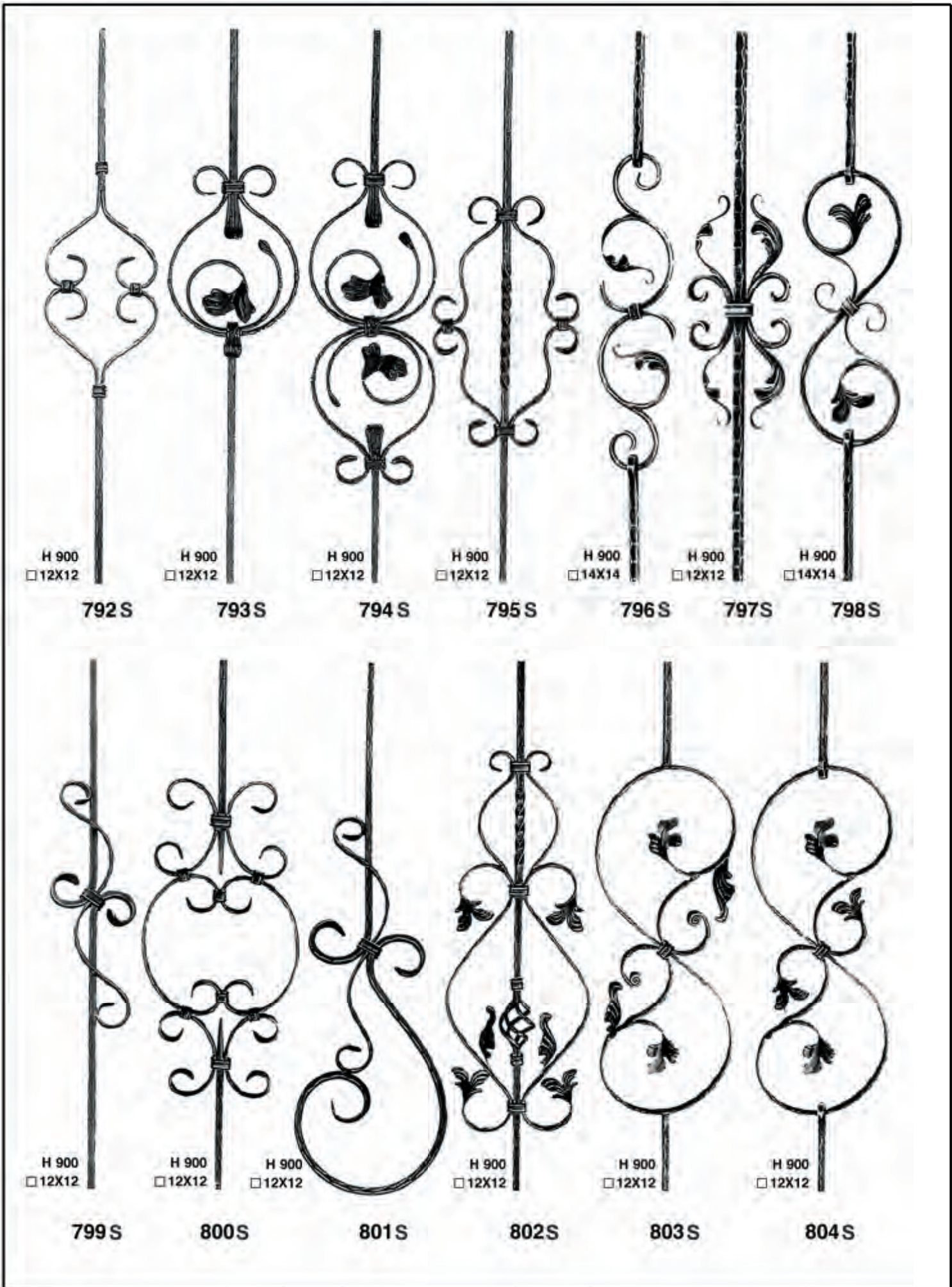
DIAMETER: 22mm  
HEIGHT: 10cm



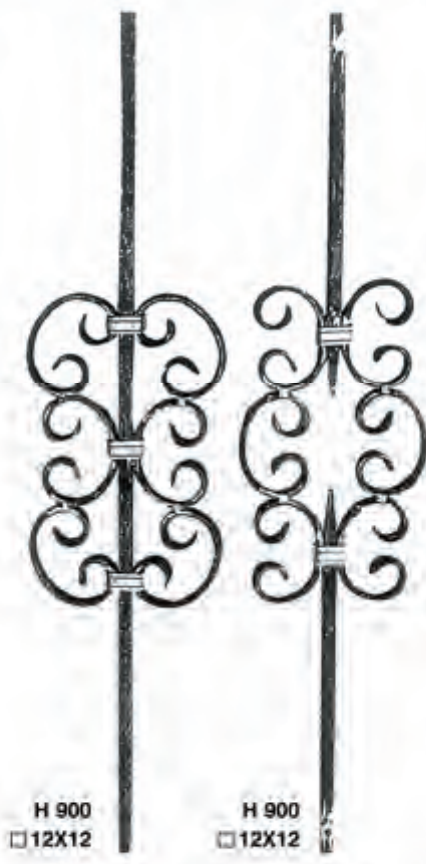
A:69S



A:70S







H 900  
□ 12X12

H 900  
□ 12X12

805 S

806 S



H 900  
□ 12X12

807 S



H 900  
□ 12X12

808 S



H 900  
□ 12X12

809 S



H 900  
□ 12X12

810 S



H 900  
□ 12X12

811 S



H 900  
□ 12X12

812 S



H 900  
□ 12X12

813 S



H 900  
□ 12X12

814 S



815S



816S



817S



818S



819S



820S



821S



822S



823S



824S



825S



826S



827S



828S



829S



830S



831S



832S



833S



834S



835S



836S



837S



838S



839S



840S



841S



842S



843S



844S



845S



846S



847S



848S



849S



850S



851S



852S



853S



854S



855S



856S



857S



858S



859S



860S



861S



862S



863S



864S



865S



866S



867S



868S



869S



870S



871S



872S



873S



874S



875S



879S



880S



881S



882S



883S



884S



885S



886S





907S



908S



909S



910S



911S



912S



913S



914S



915S



916S



917S



918S



919S



920S



921S



922S



923S



624S



925S



926S



927S



928S



929S



930S



931S



932S



933S



934S



935S



936S



937S



938S



939S



940S



941S



942S



943S



944S



945S



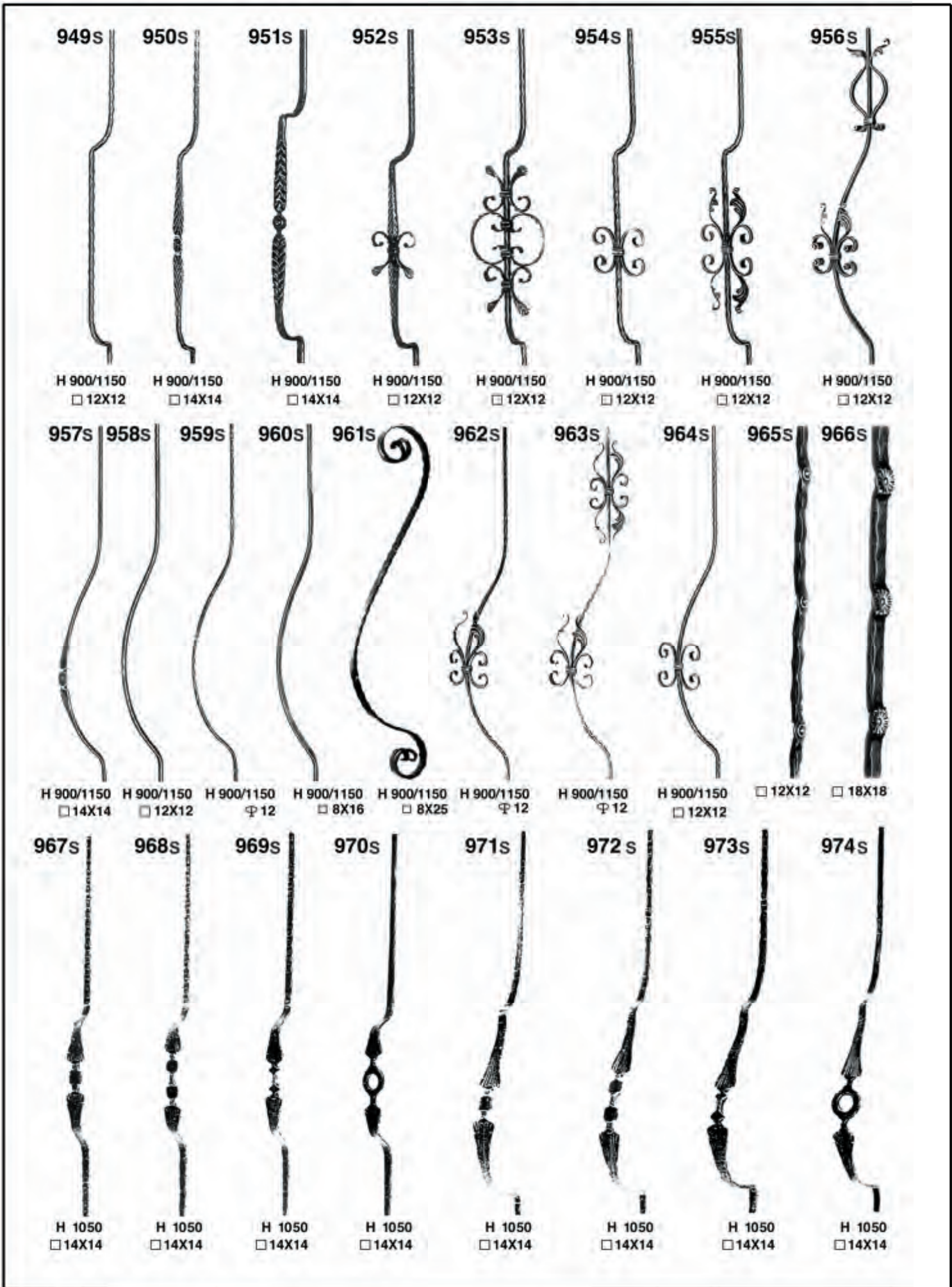
946S



947S



948S





975 S



H 1050  
□14X14

976 S



H 1050  
□14X14

977 S



H 1050  
□14X14

978 S



H 1050  
□14X14

979 S



H 1050  
□14X14

980 S



H 1050  
□14X14

981 S



H 1050  
□14X14

982 S



H 1050  
□14X14

983 S



H 900  
□14X14

984 S



H 900  
□14X14

985 S



H 900  
□14X14

986 S



H 900  
□14X14

987 S



H 900  
□14X14

988 S



H 900  
□14X14

989 S



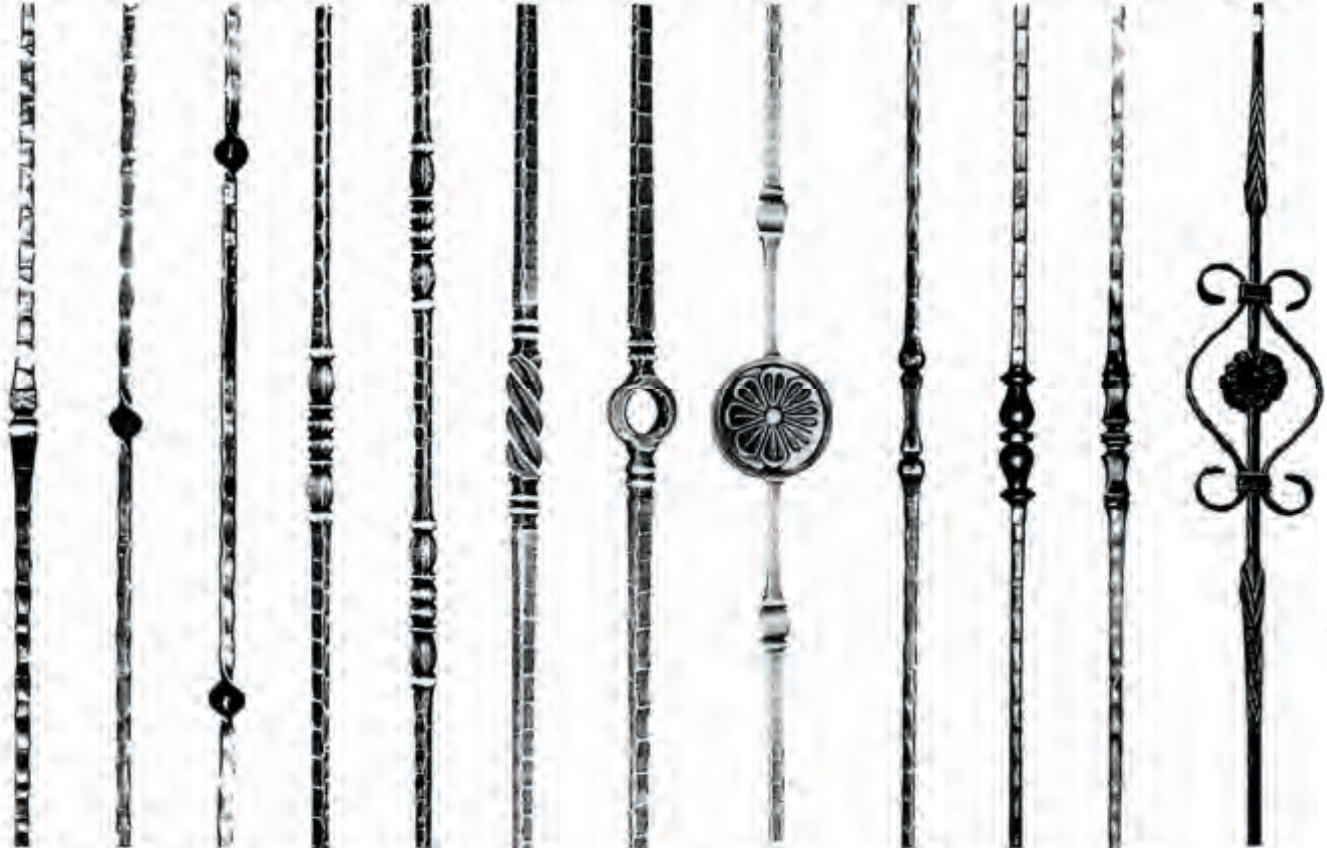
H 900  
□14X14

990 S



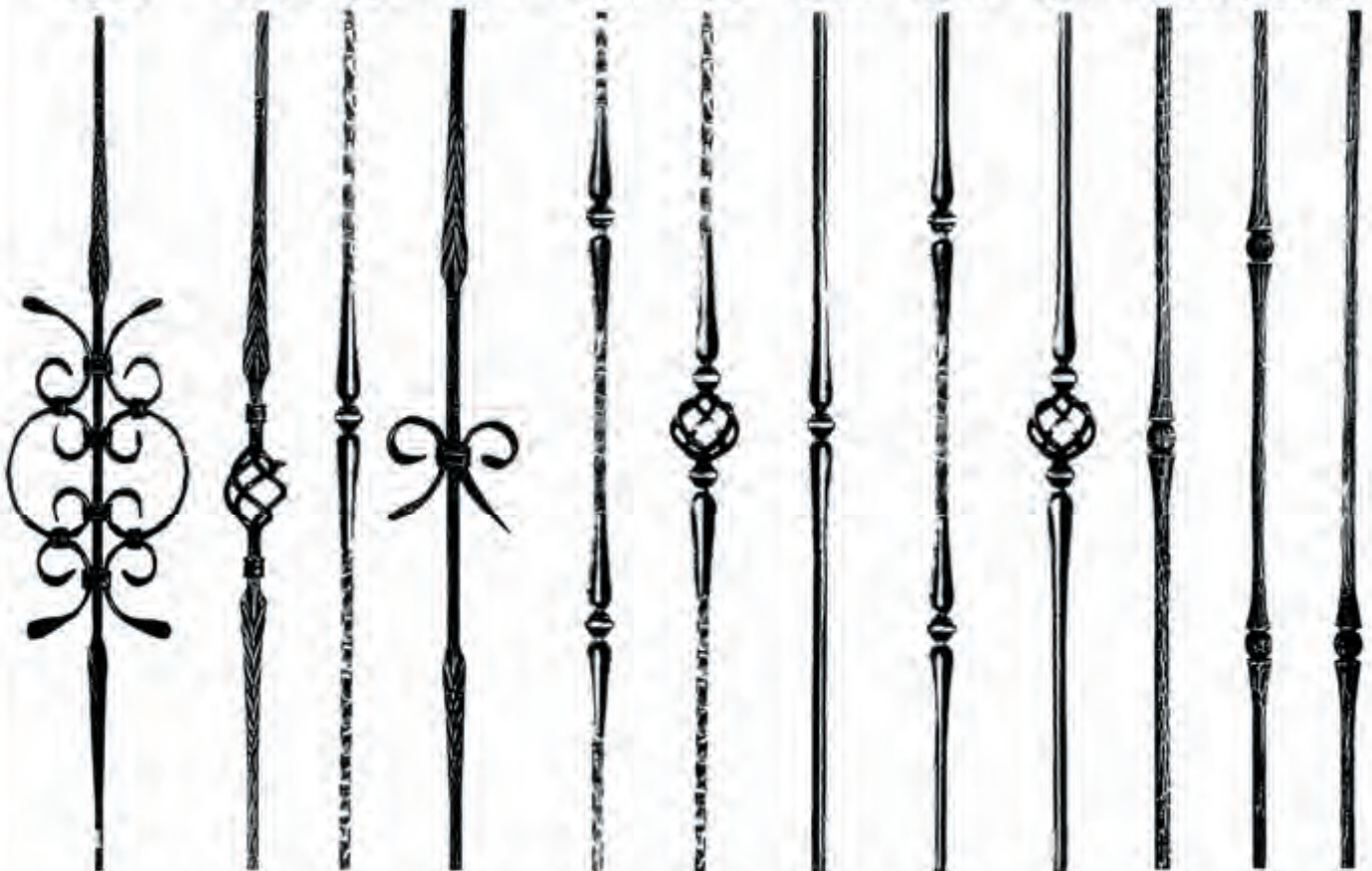
H 900  
□14X14

991s 992s 993s 994s 995s 996s 997s 998s 999s 1000s 1001s 1002s



H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900  
 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14

1003s 1004s 1005s 1006s 1007s 1008s 1009s 1010s 1011s 1012s 1013s 1014s



H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900 H 900  
 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 □ 14X14 φ 14X14 φ 14X14 φ 14X14 φ 14X14 φ 14X14 φ 14X14

1015s



H 1100  
30X30

1016s



H 1100  
25X25

1017s



H 1100  
25X25

1018s



H 1100  
25X25

1019s



H 1100  
25X25

1020s



H 1100  
25X25

1021s



H 1050  
□ 25X25

1022s



H 1050  
□ 25X25

1023s



H 1050  
□ 25X25

1024s



H 1050  
□ 25X25

1025s



H 1050  
□ 25X25

1026s



H 1050  
□ 25X25

1027s



H 1050  
□ 25X25

1028s



665X670  
Φ 12

1029s



480X590  
Φ 10 + Φ 8

1030s



480X590  
Φ 10 + Φ 8

1031s



670X645  
Φ 12 + Φ 10 + Φ 8

1032s



810X1050  
Φ 12

1033s



225X570

1034s



450X550

1035s



380X400

1036s



400X400

1037s



440X500

1038s



450X680

1039s



400X510

1040s



400X600

1041s



400X600

1042s



200X500

1043s



180X500

1044s



620X890

1045s



400X450

1046s



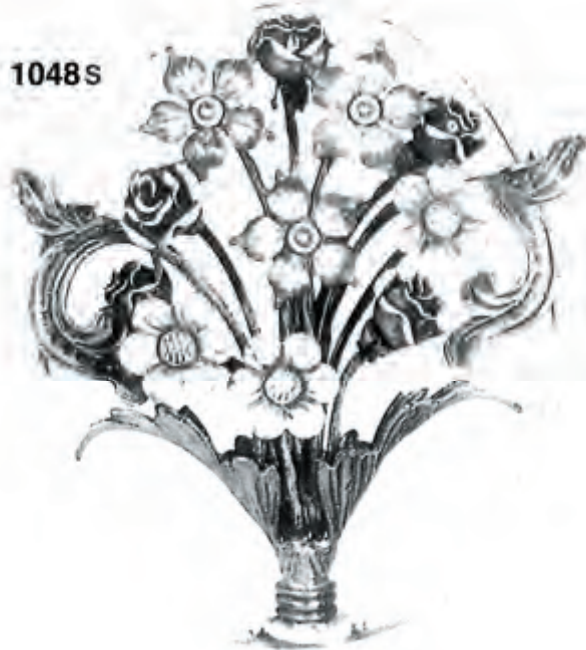
480X1010

1047s



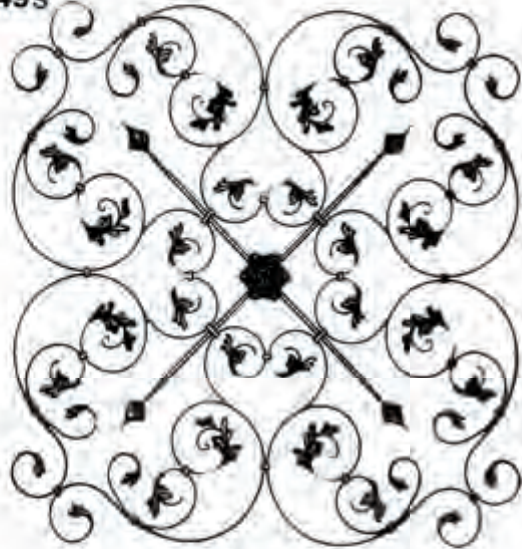
430X300

1048s



380X400

1049s



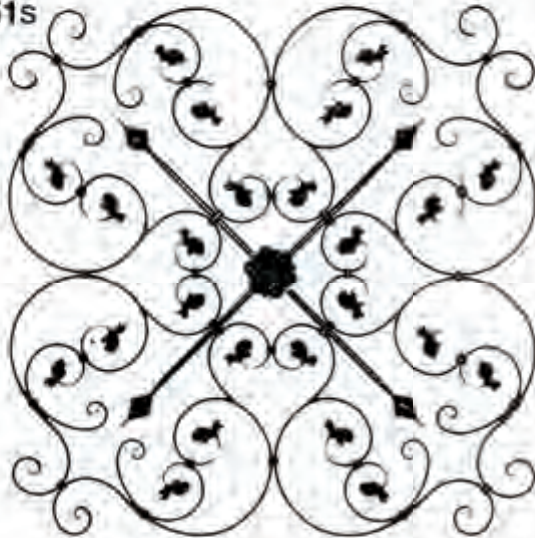
□ 16X8 □ 16X16  
1160X1160

1050s



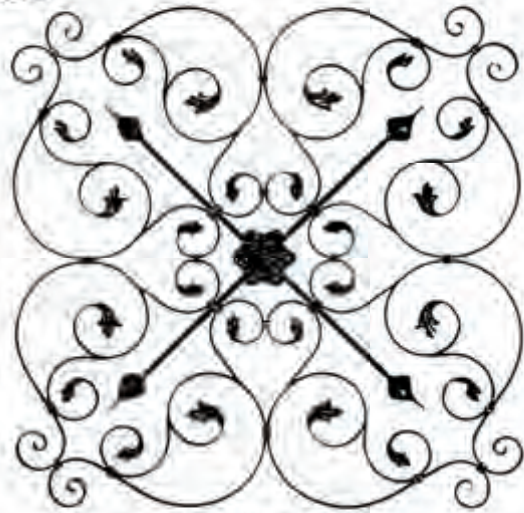
□ 16X8 □ 16X16  
920X920

1051s



□ 16X8 □ 16X16  
1160X1160

1052s



□ 12X6 □ 12X12  
940X940

1053s



□ 12X6 □ 12X12  
550X550

1054s



□ 12X6 □ 12X12  
1100X1100

1055s



Φ 14  
510X580

1056s



□ 8X16  
558X350

1057s



□ 8X16  
880X370

1058s



□ 8X16  
880X370

1059s



Φ 14  
510X580

1060s



□ 8X16  
660X700

1061s



□ 8X16  
700X850

1062s



Φ 12  
530X80

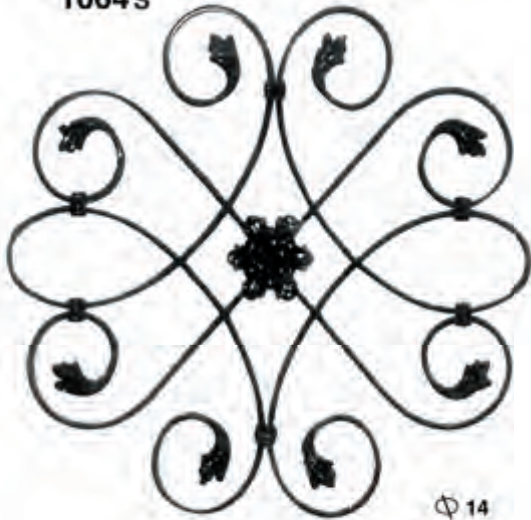
1063s



□ 8X16  
530X80

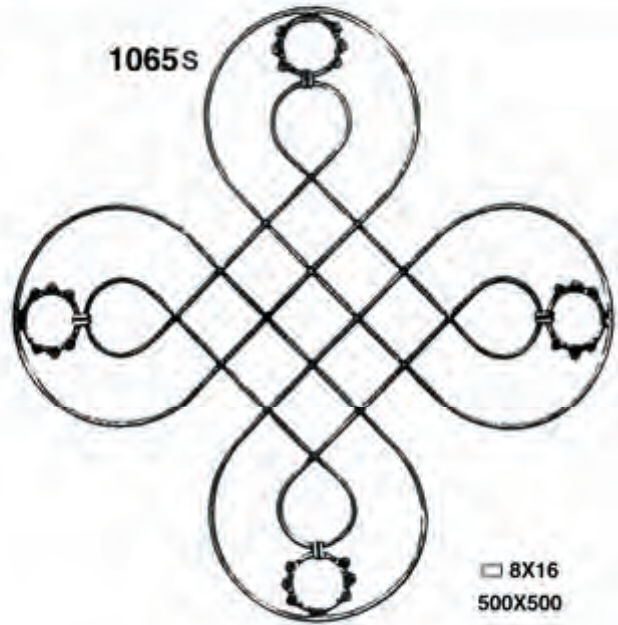


1064s



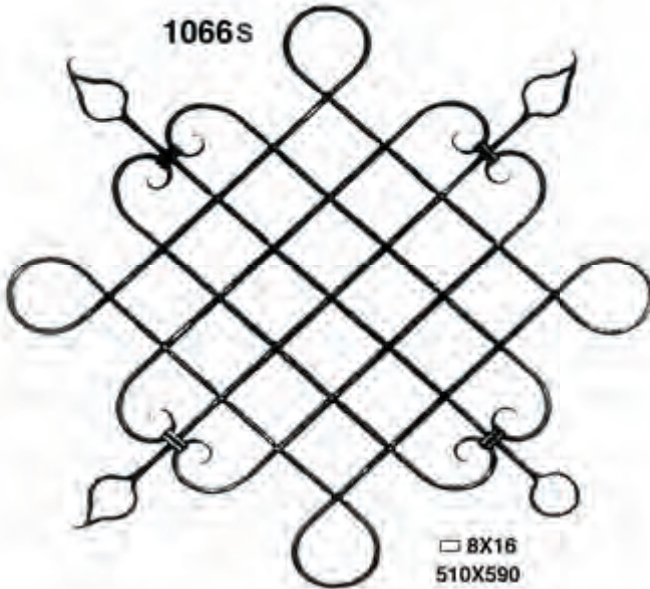
Φ 14  
780X780

1065s



□ 8X16  
500X500

1066s



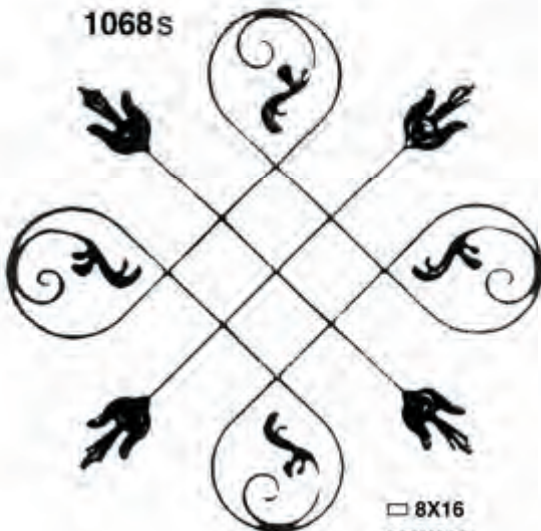
□ 8X16  
510X590

1067s



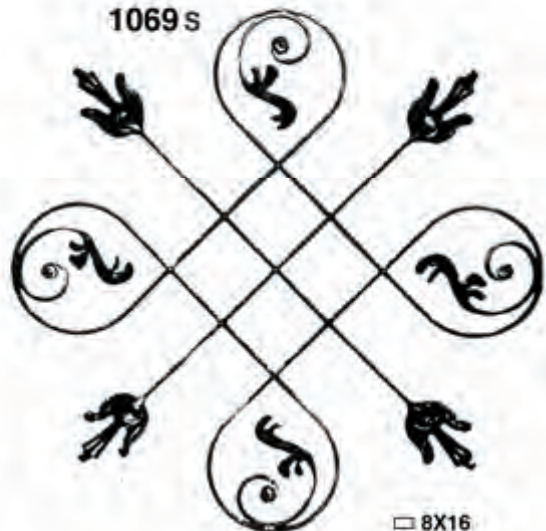
□ 8X16  
510X580

1068s



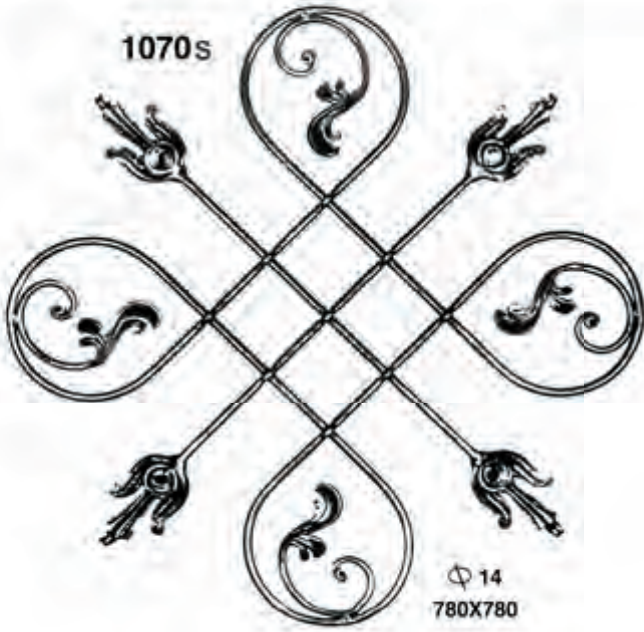
□ 8X16  
300X300

1069s



□ 8X16  
300X300

1070s



1071s



1072s



1073s

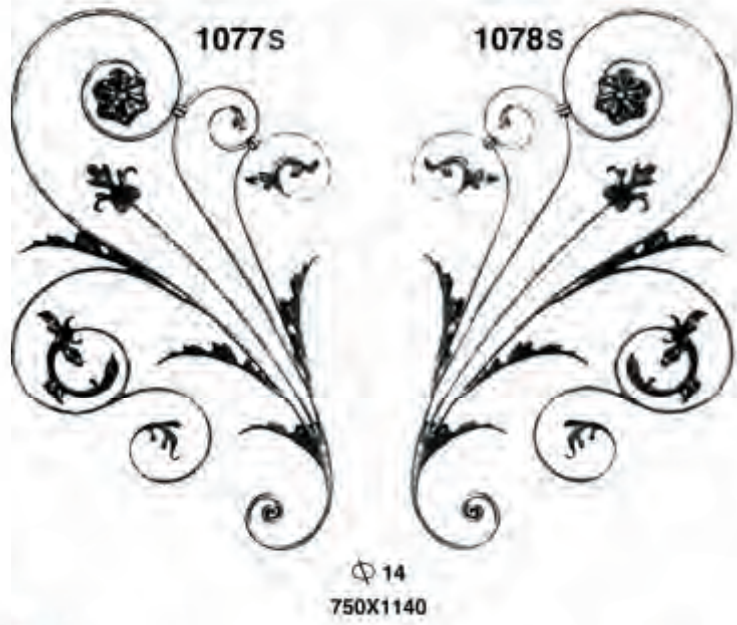


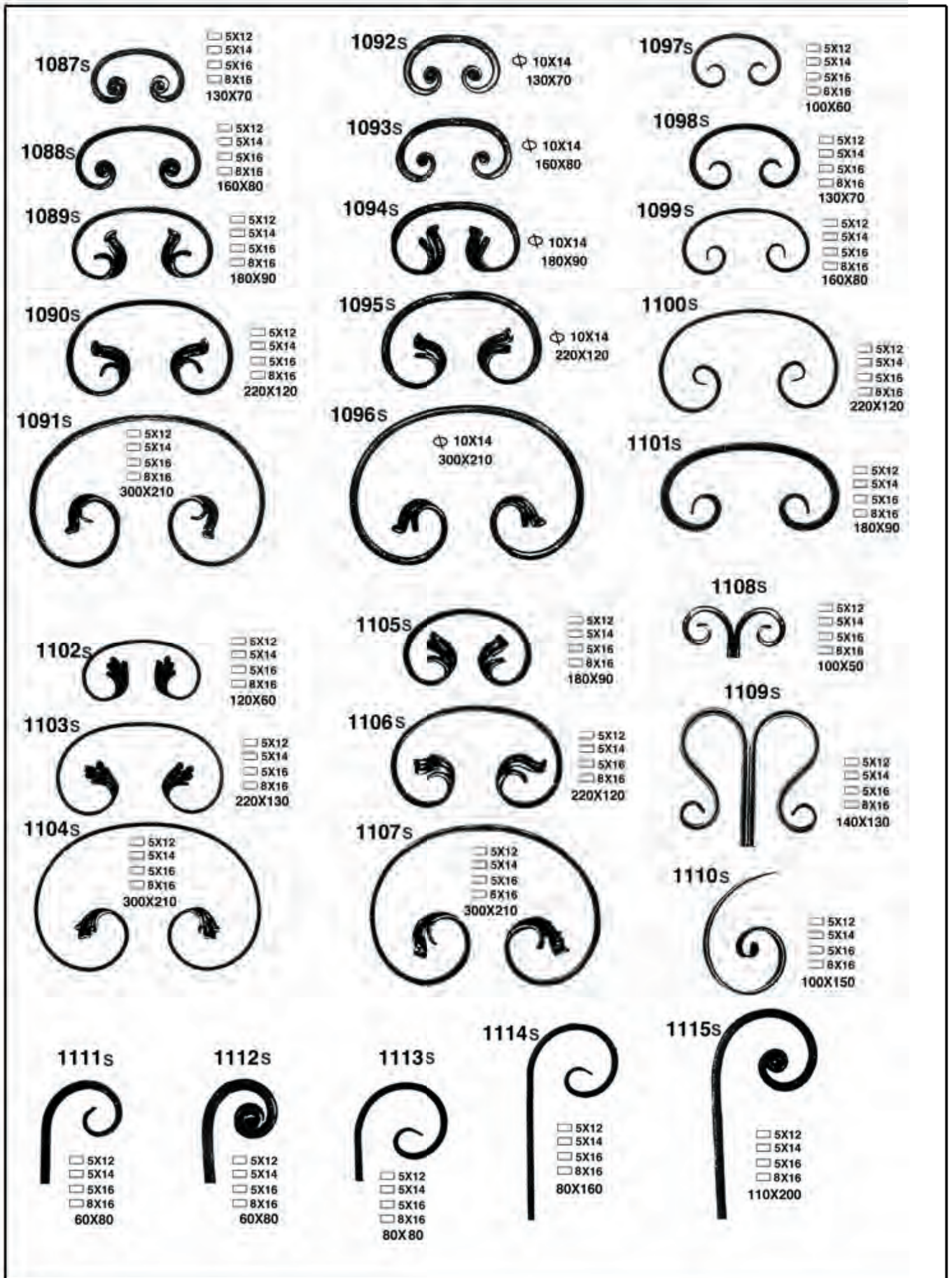
1074s

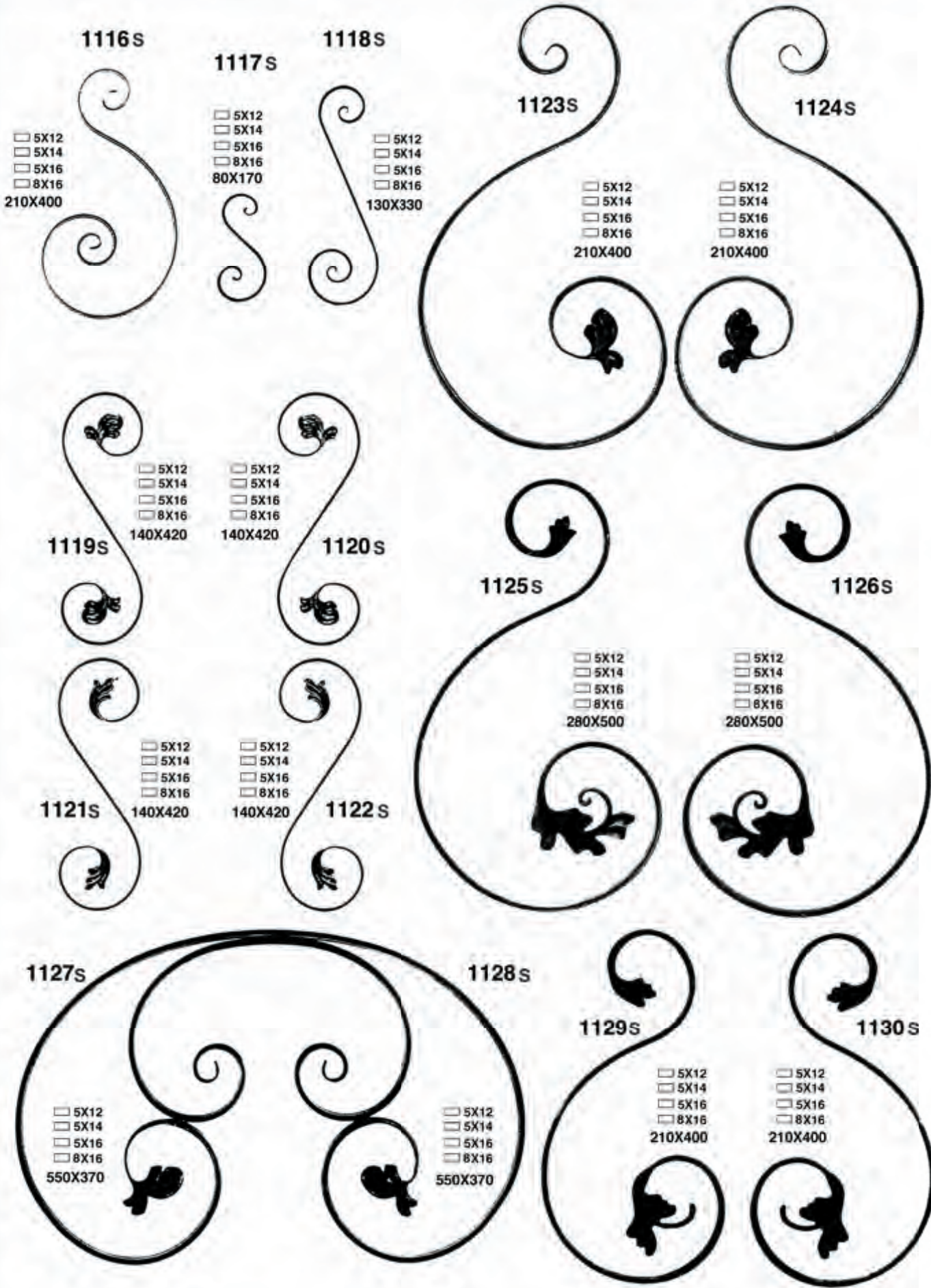


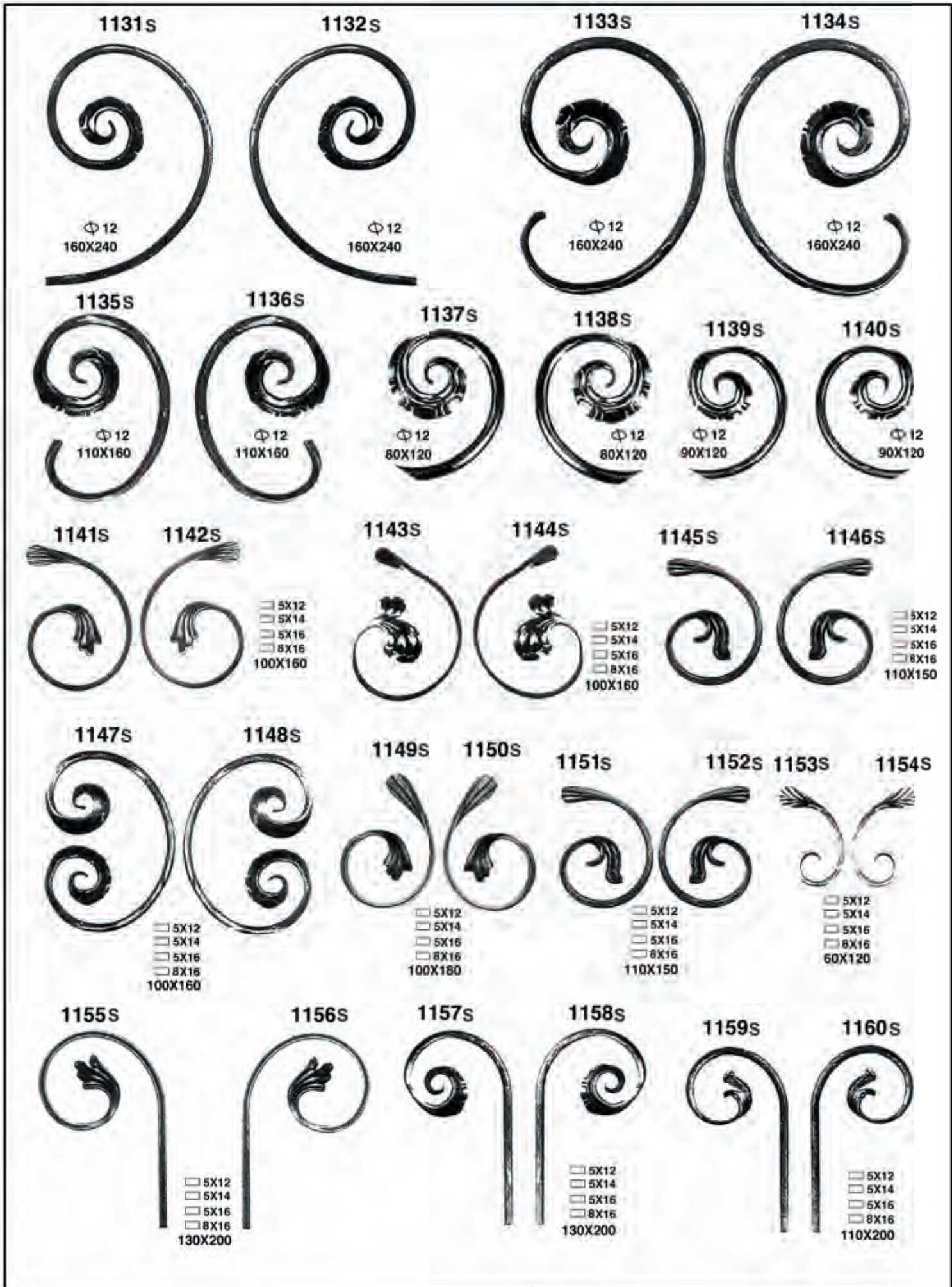
1075s

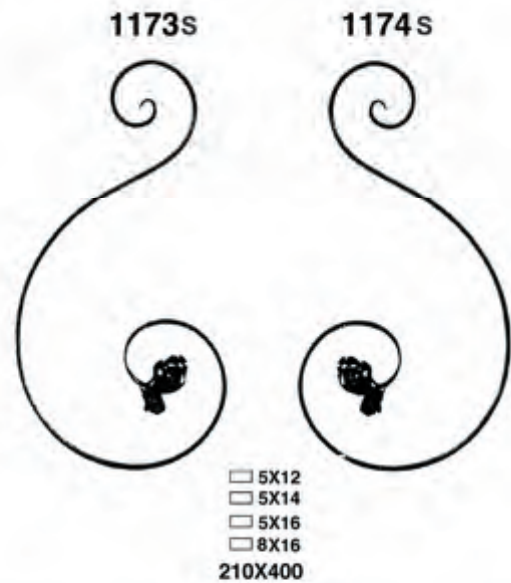
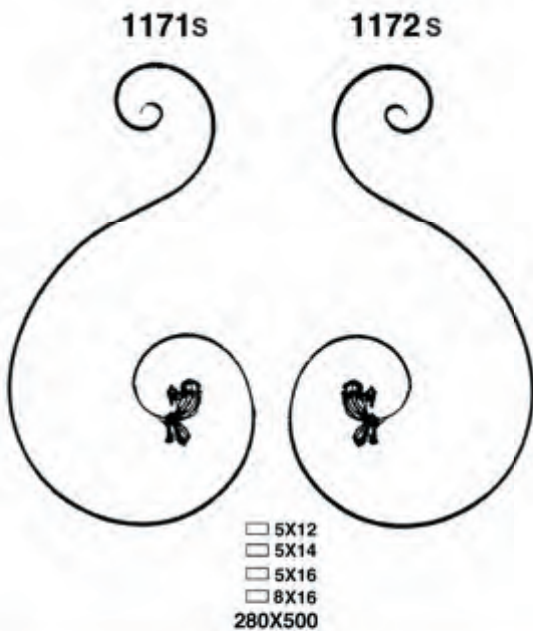
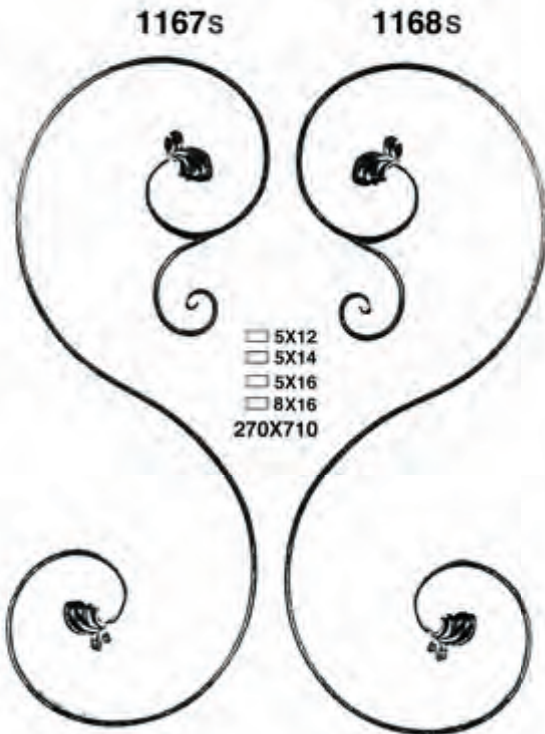
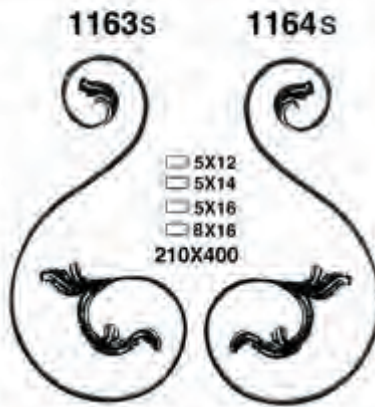
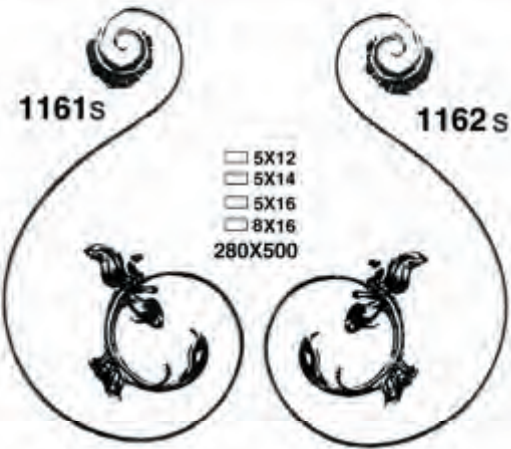


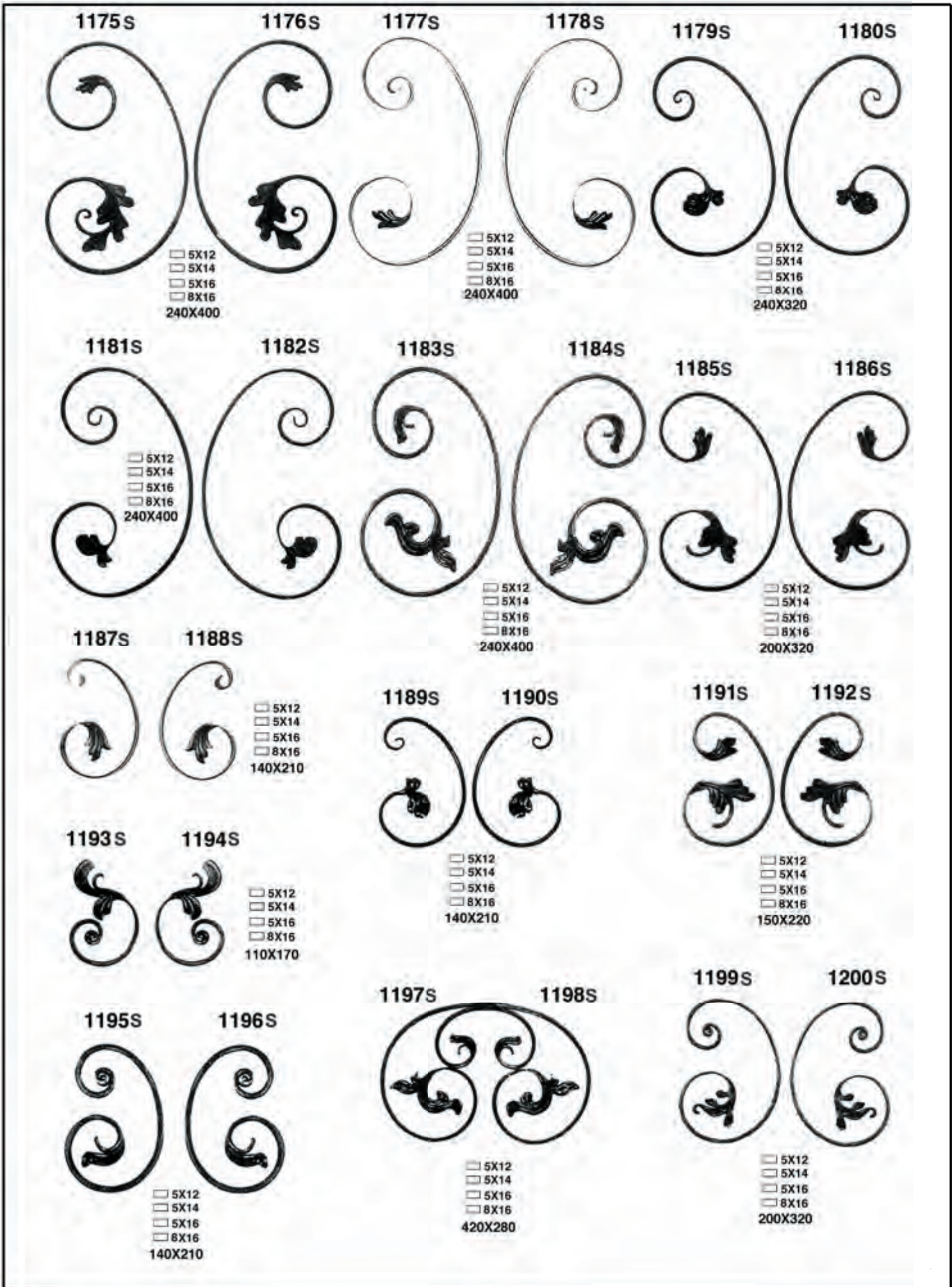




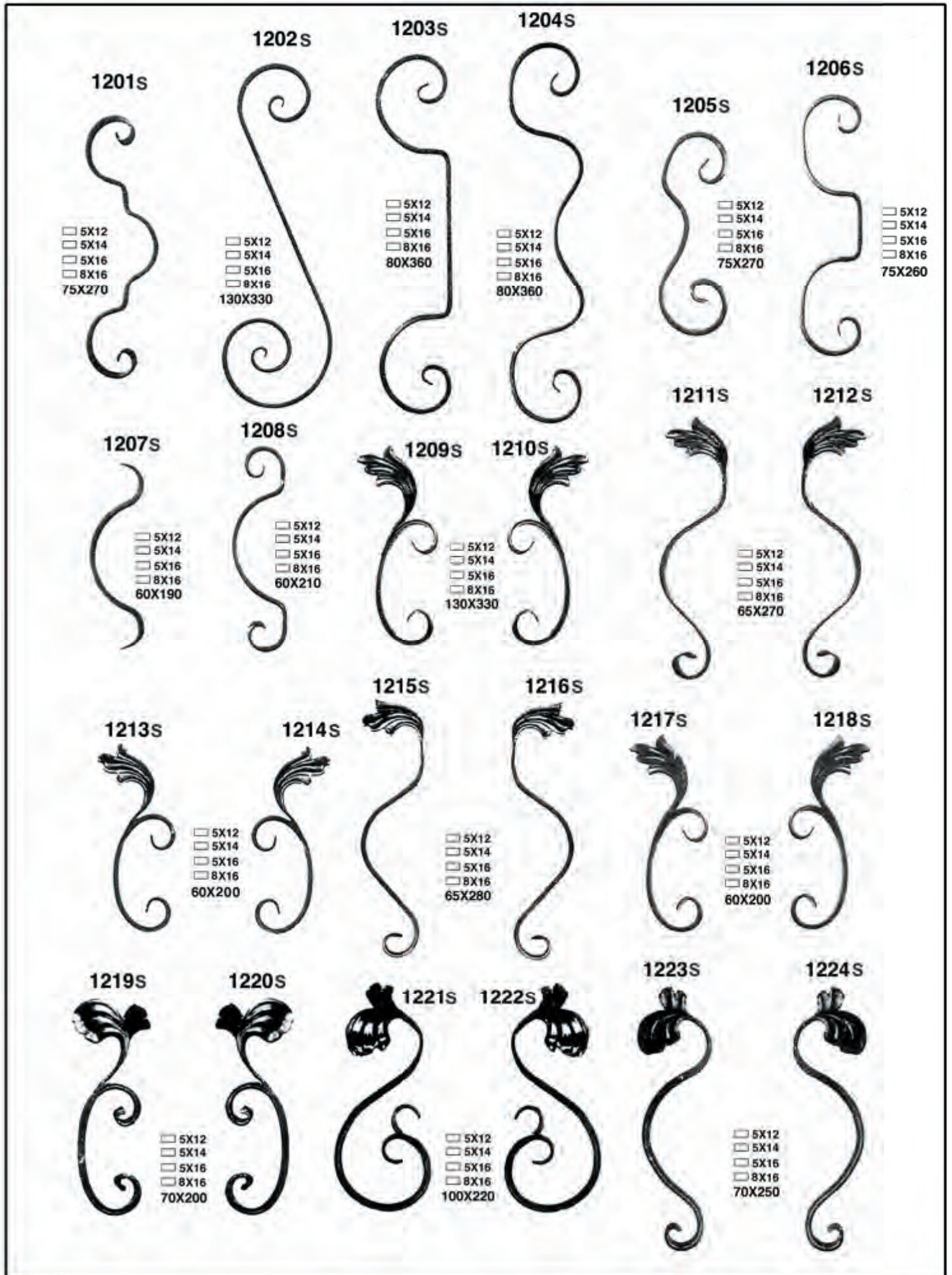








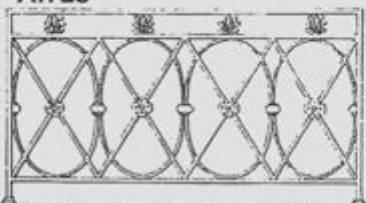




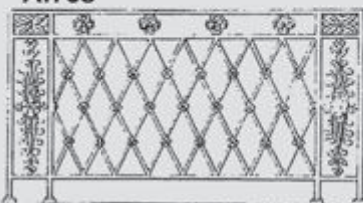
A:71S



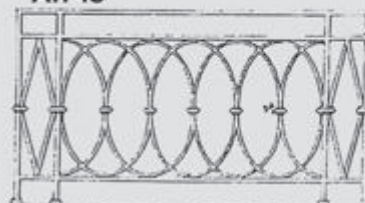
A:72s



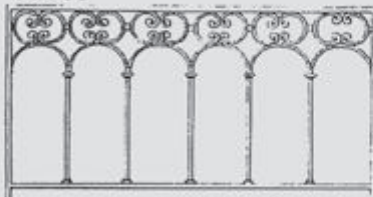
A:73s



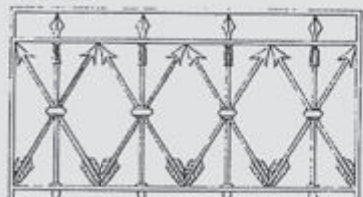
A:74s



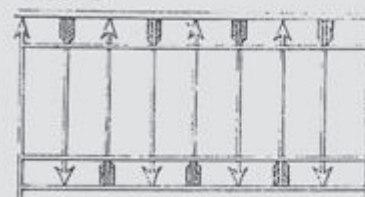
A:75s



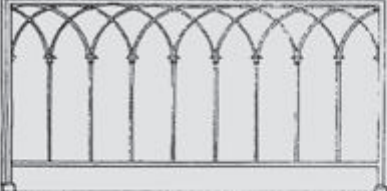
A:76s



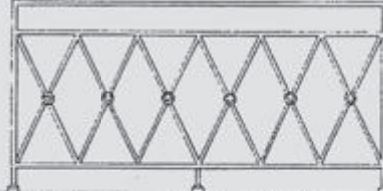
A:77s



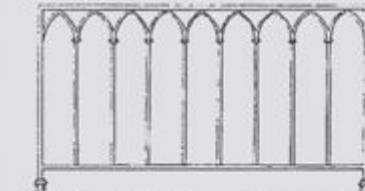
A:78s



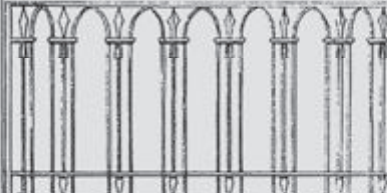
A:79s



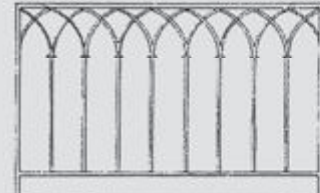
A:80s



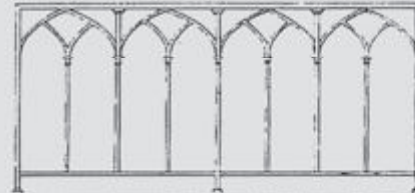
A:81s



A:82s



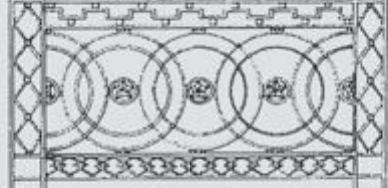
A:83s



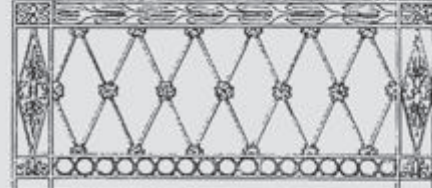
A:84s



A:85s



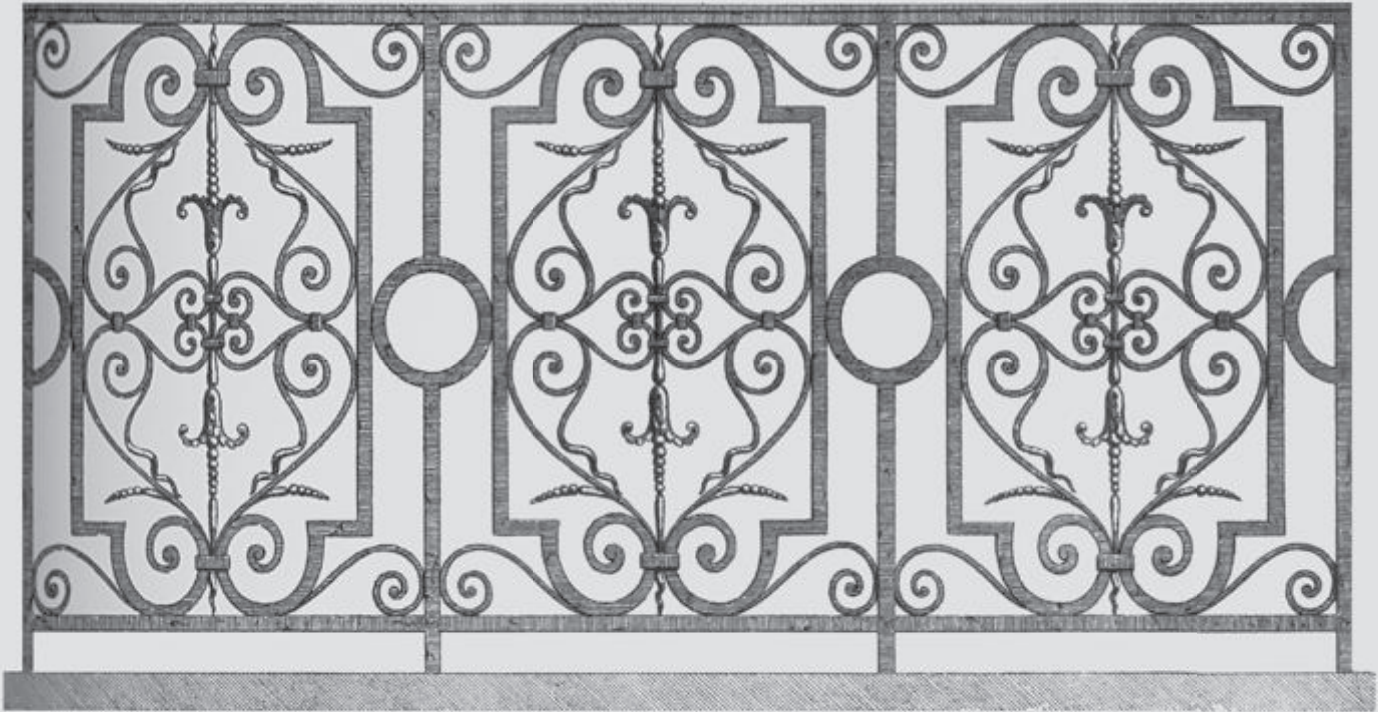
A:86s



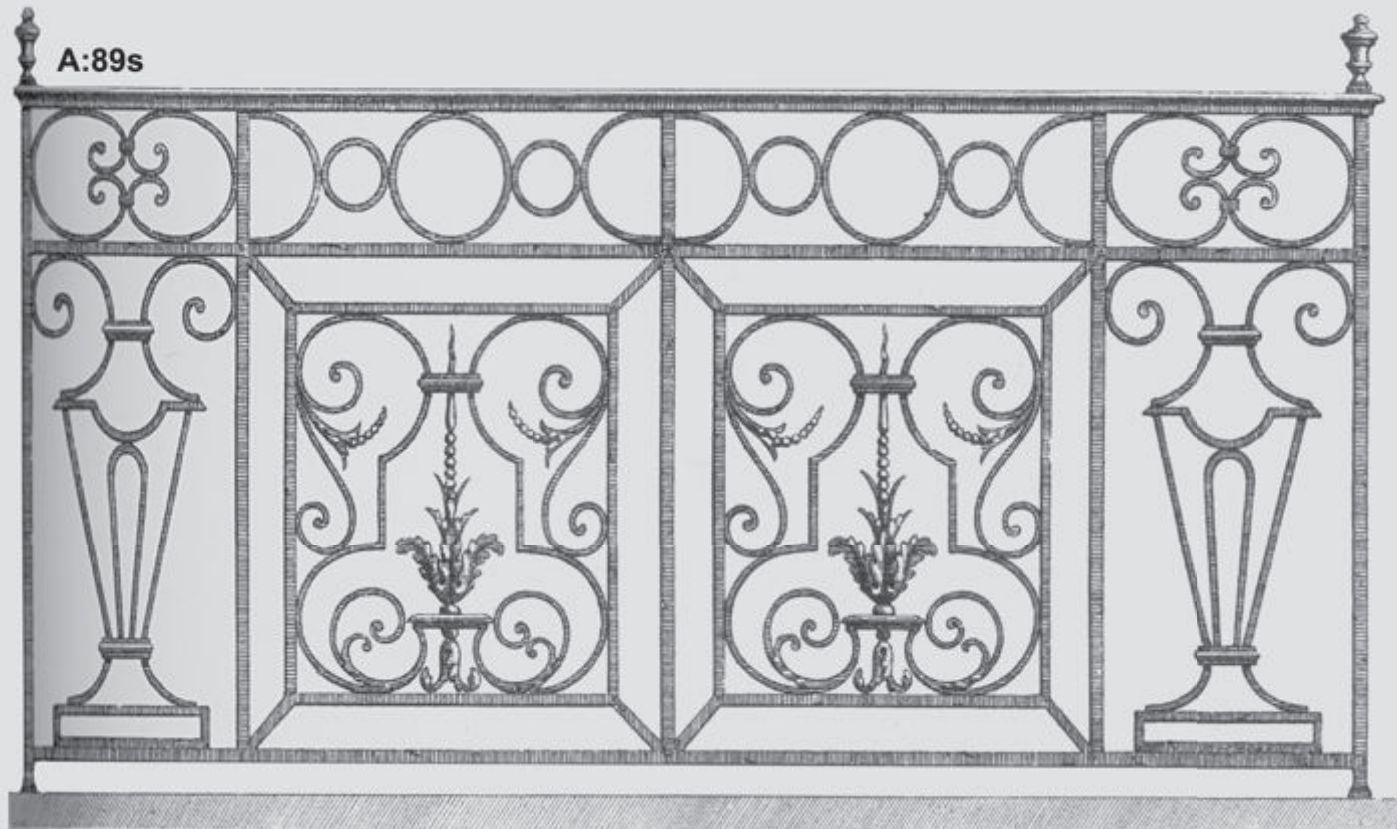
A:87s



A:88s



A:89s



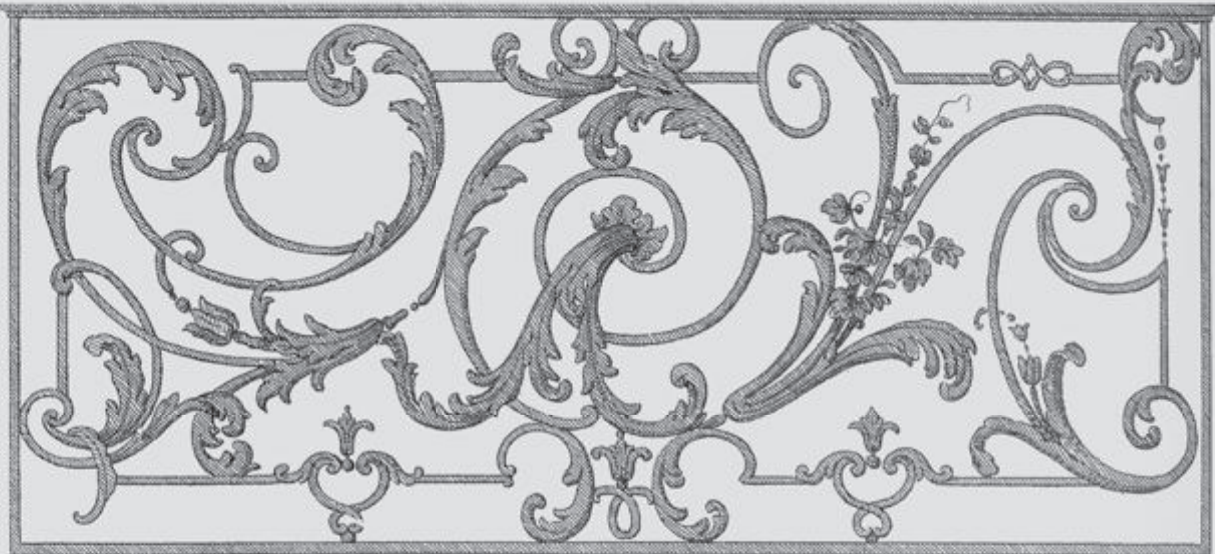
A:90s



A:91s



A:92s



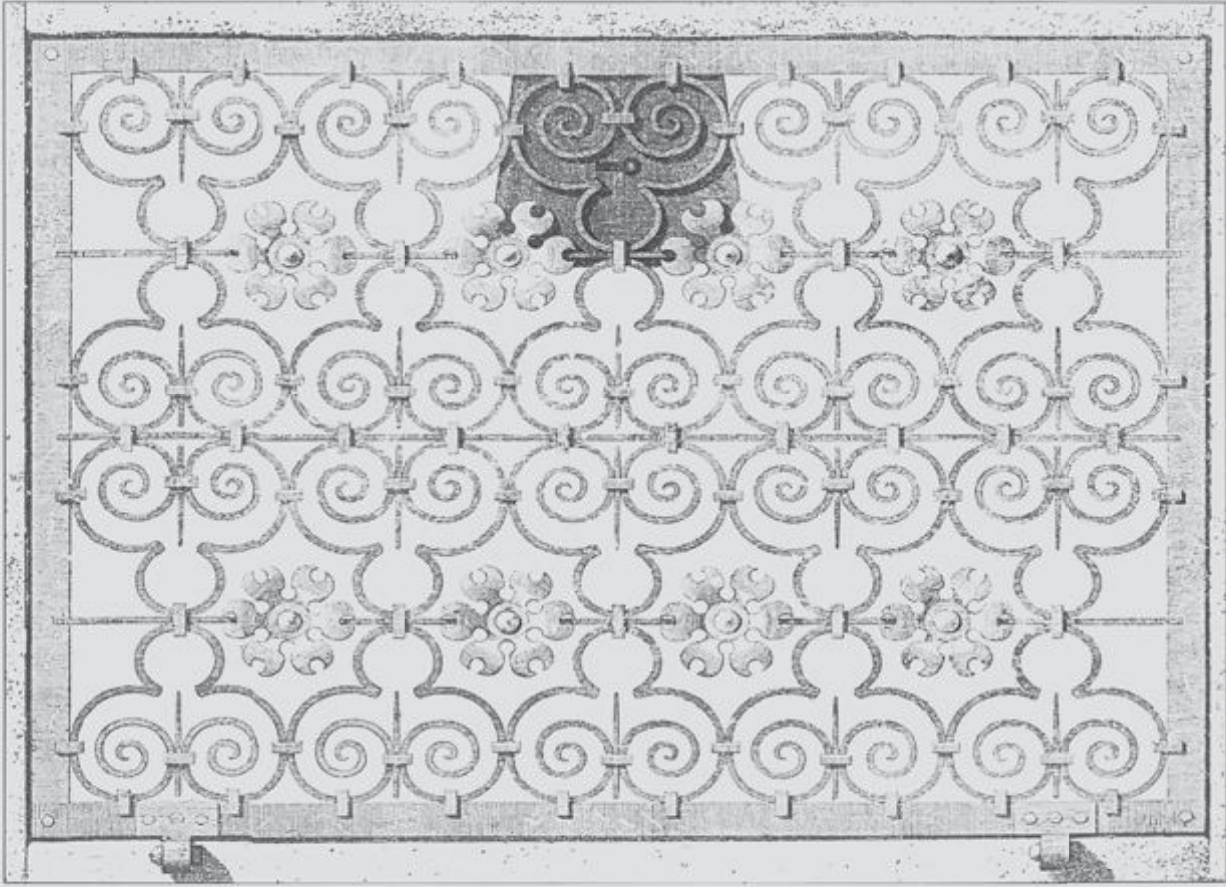
A:93s



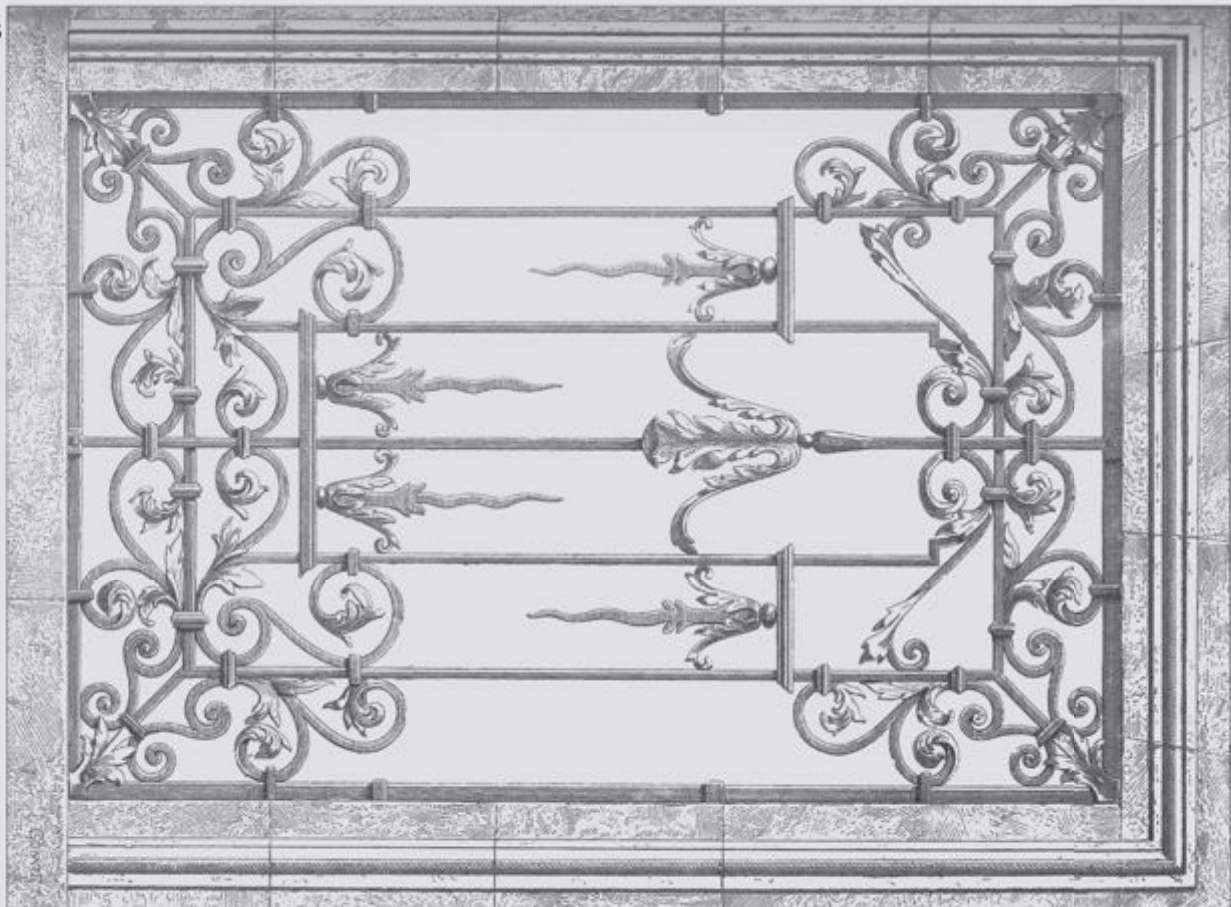
A:94s



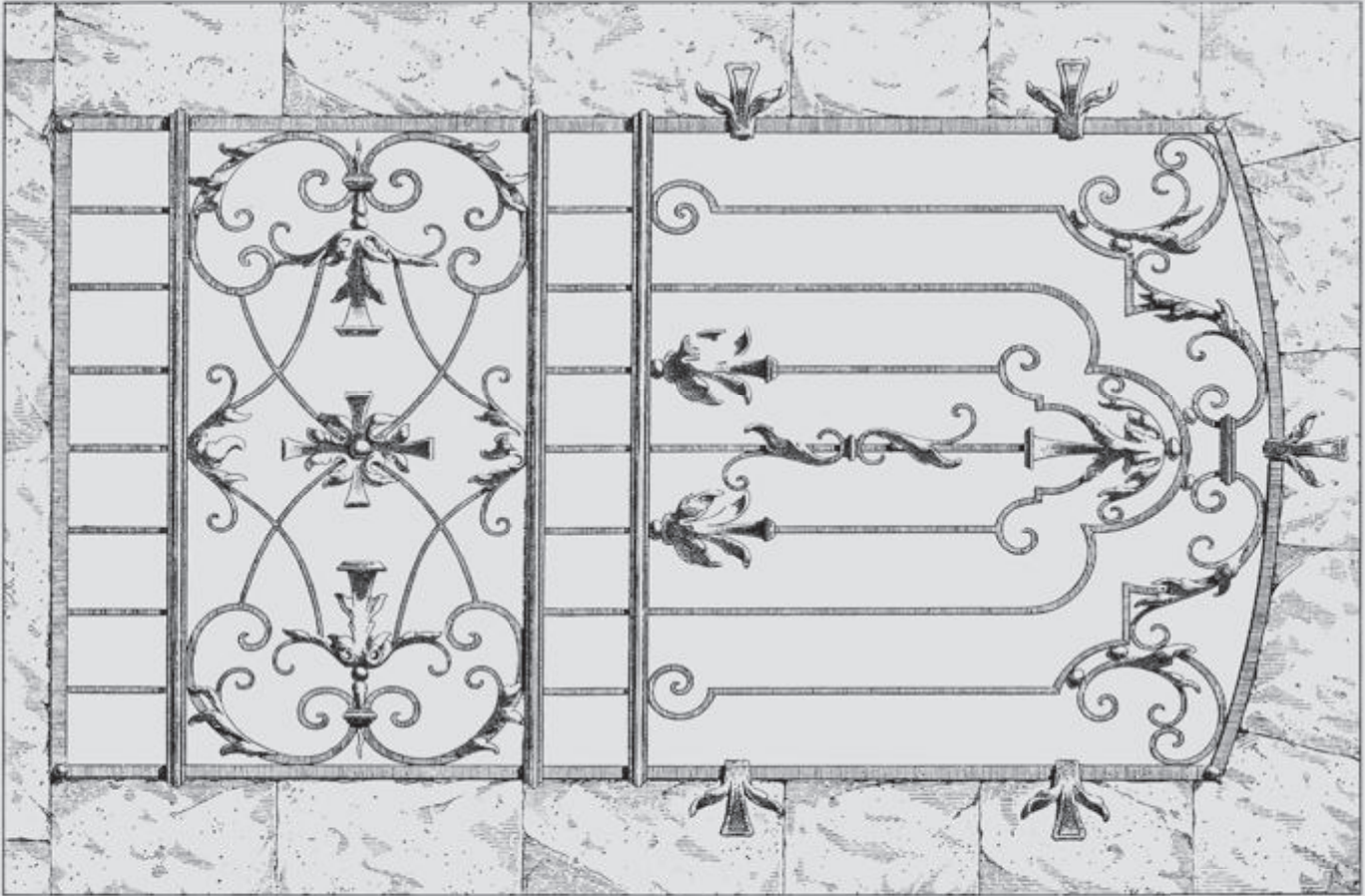
A:95s



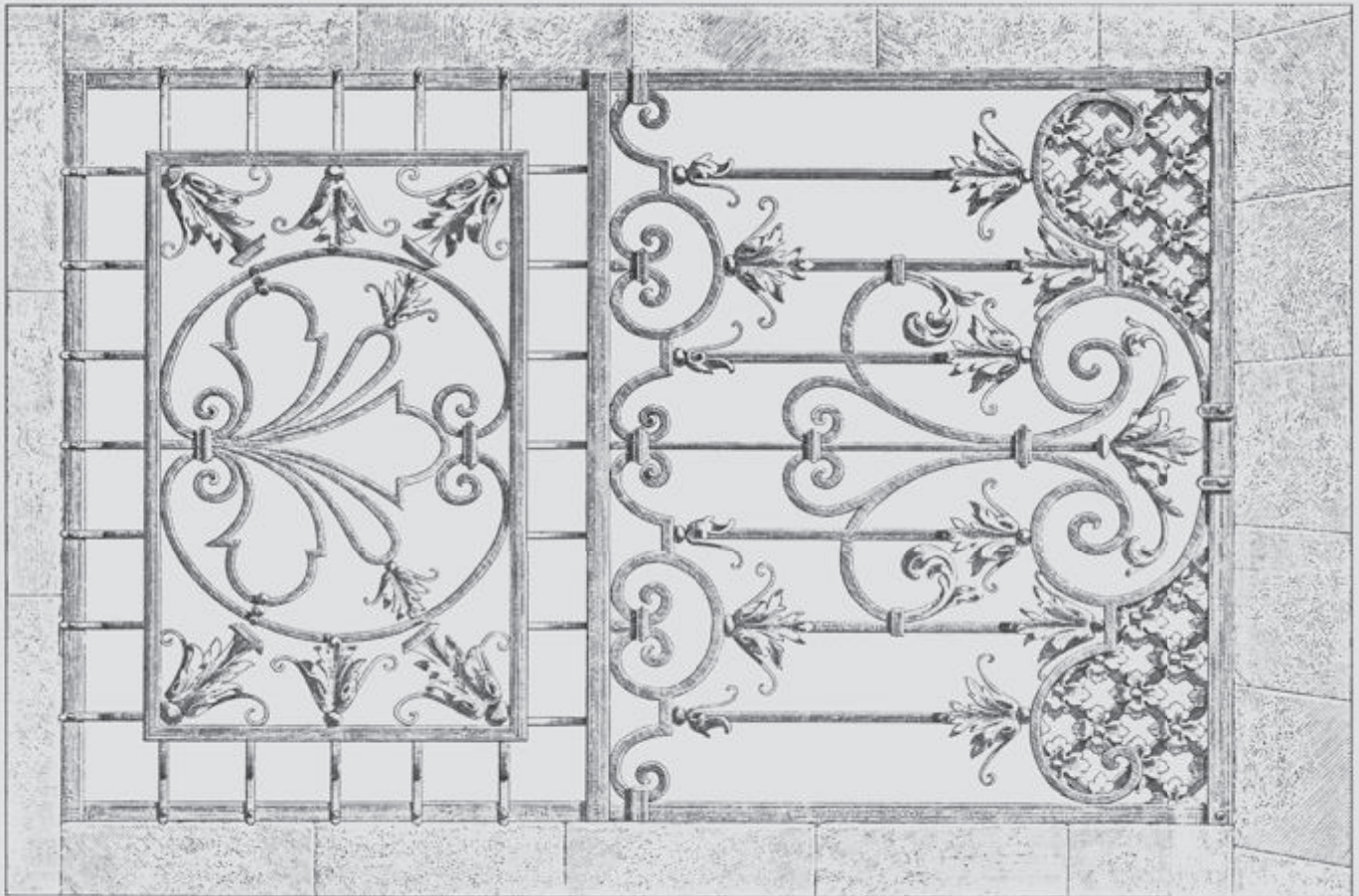
A:96s



A:97s

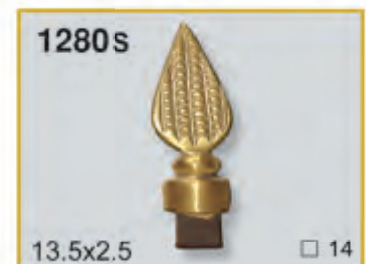
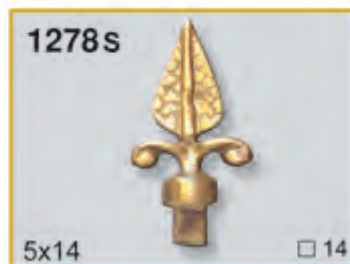
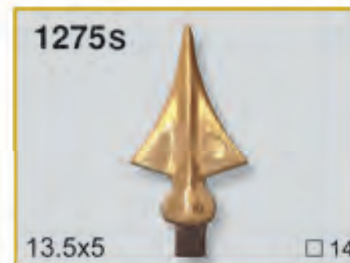
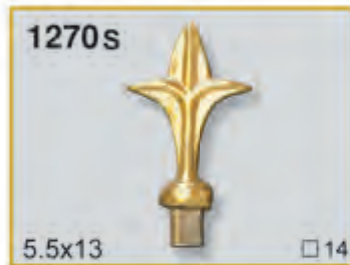
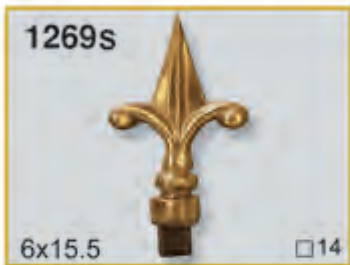
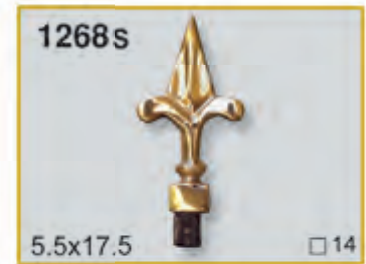
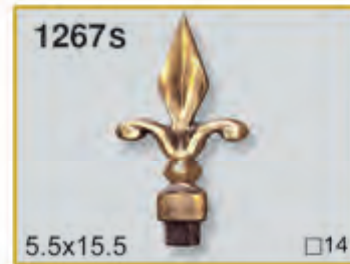
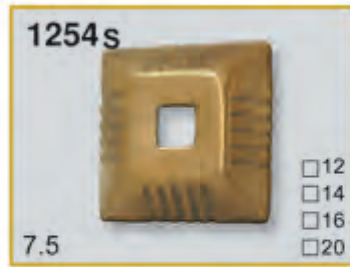


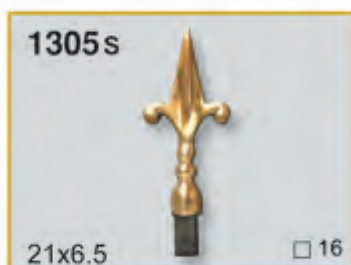
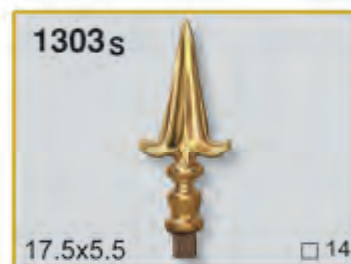
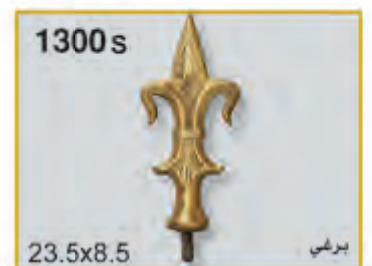
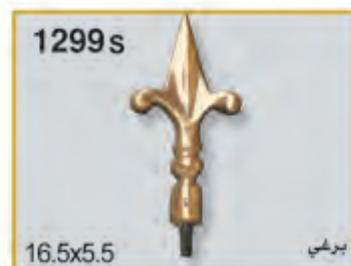
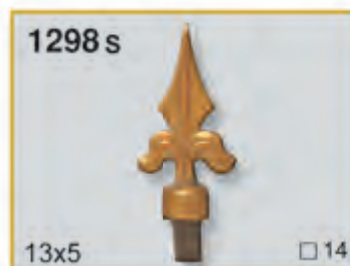
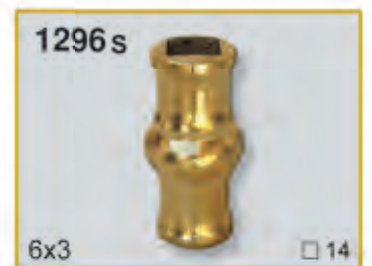
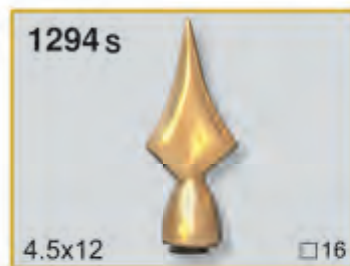
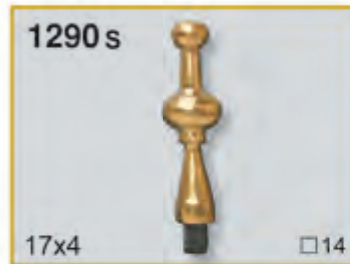
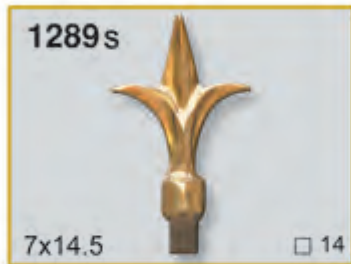
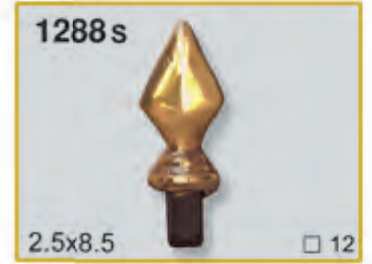
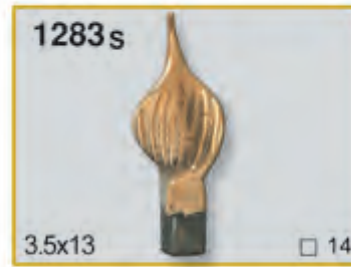
A:98s

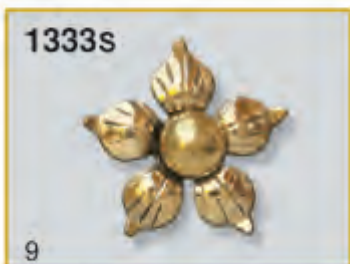
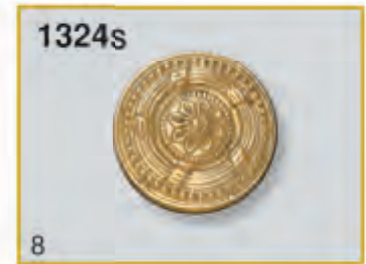
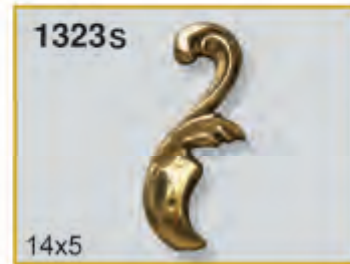




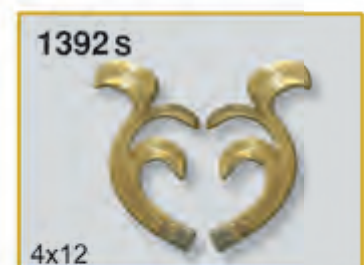
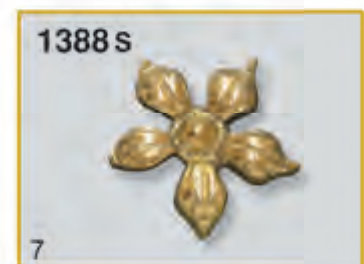
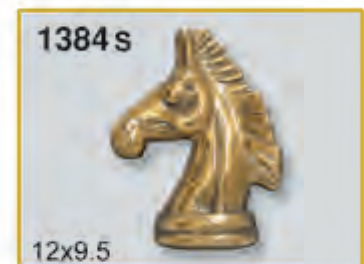
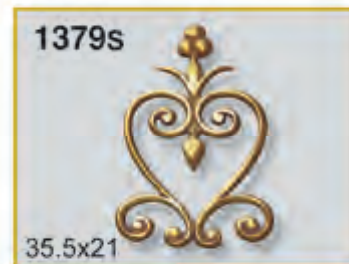


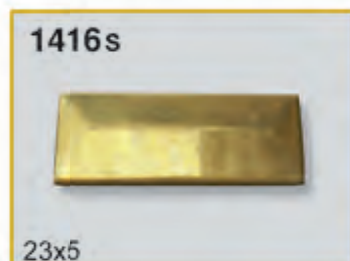
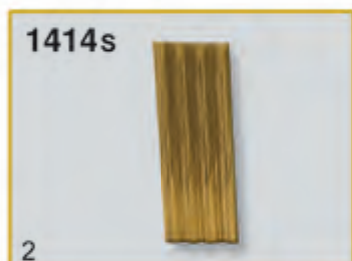
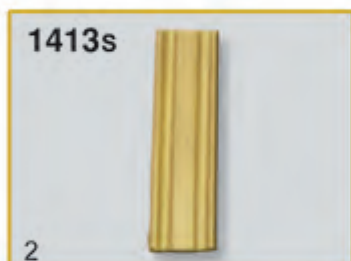
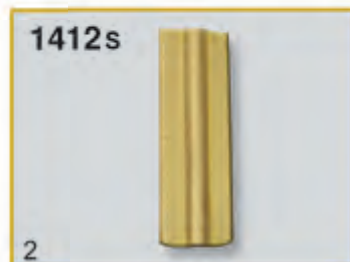
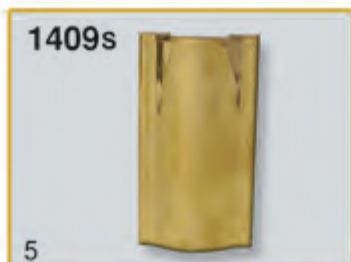
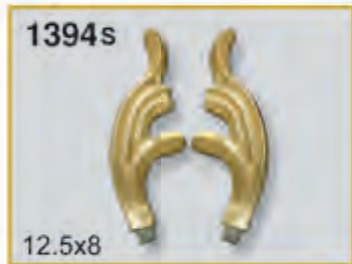






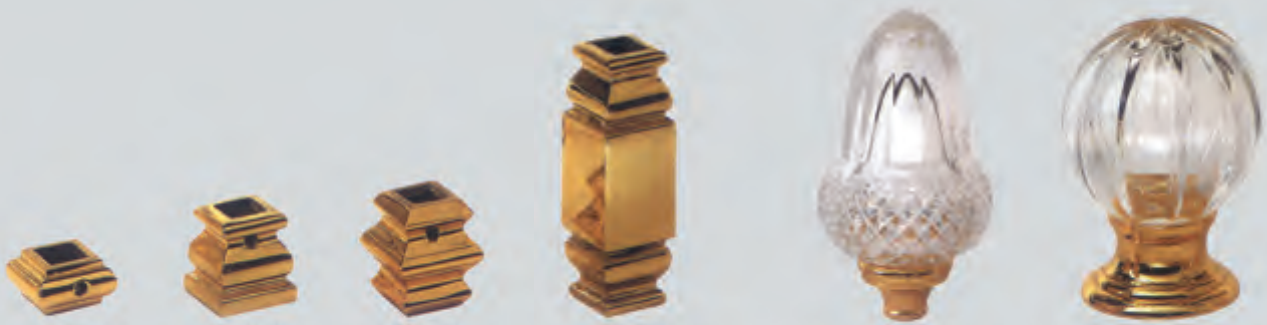








<b>1421s</b>	<b>1422s</b>	<b>1423s</b>	<b>1424s</b>	<b>1425s</b>	<b>1426s</b>
108	98	100	95	108	125
71	53	82	77	75	100
16 MA	16 MA	16 MA	16 MA	16 MA	16 MA
0,420	0,405	0,390	0,470	0,410	0,670



<b>1427s</b>	<b>1428s</b>	<b>1429s</b>	<b>1430s</b>	<b>1431s</b>	<b>1432s</b>
18	34	42	103	152	135
34	34	38	34	90	100
∅ 16,5	∅ 16,5	∅ 16,5	∅ 16,5	∅ 22	∅ 50
0,070	0,100	0,150	0,300	0,800	1,520



<b>1433s</b>	<b>1434s</b>	<b>1435s</b>	<b>1436s</b>	<b>1437s</b>
10	11	8	12	5
∅ 50	∅ 35	59	56	60
0,060	0,020	0,070	0,070	0,080



<b>1438s</b>	<b>1439s</b>	<b>1440s</b>	<b>1441s</b>	<b>1442s</b>
73	85	83	55	110
103	55	83	60	70
-	-	-	∅ 10,5	∅ 8,5
0,070	0,090	0,150	0,030	0,100





<b>1443s</b>	<b>1444s</b>	<b>1445s</b>	<b>1446s</b>	<b>1447s</b>	<b>1448s</b>	<b>1449s</b>	<b>1450s</b>	<b>1451s</b>
∅ 16	∅ 18	∅ 29	∅ 39	∅ 44	∅ 49	∅ 56	∅ 61	∅ 69
∅ 16	∅ 20	∅ 30	∅ 40	∅ 44	∅ 49	∅ 58	∅ 65	∅ 73
10 MA	10 MA	10 MA	10 MA	10 MA	10 MA	10 MA	10 MA	10 MA
0,020	0,030	0,100	0,260	0,130	0,140	0,220	0,240	0,360



<b>1452 s</b>	<b>1453 s</b>	<b>1454 s</b>	<b>1455 s</b>	<b>1456 s</b>	<b>1457 s</b>
18	40	22	41	40	37
35	54	64	∅ 46	∅ 46	∅ 46
∅ 16,5	∅ 30,5	∅ 16,5	∅ 14,5	∅ 16,5	∅ 20,5
0,070	0,230	0,130	0,120	0,120	0,120



<b>1458s</b>	<b>1459s</b>	<b>1460s</b>	<b>1461s</b>	<b>1462s</b>	<b>1463s</b>
∅ 32	∅ 44	∅ 39	∅ 44	∅ 40	∅ 58
8	6	6	7	10	18
0,030	0,060	0,040	0,050	0,050	0,120



<b>1464s</b>	<b>1465s</b>	<b>1466s</b>	<b>1467s</b>	<b>1468s</b>	<b>1469s</b>
89	82	97	125	75	135
∅ 31	∅ 33	67	65	50	90
∅ 12,5	∅ 12,5	∅ 22,5	∅ 18,5	∅ 20,5	∅ 35,5
0,120	0,130	0,370	0,380	0,150	0,700



1470s

30

∅ 36

∅ 16,5

0,060



1471s

43

∅ 37

∅ 16,5

0,080



1472s

72

∅ 36

∅ 16,5

0,150



1473s

40

∅ 64

∅ 40,5

0,190



1474s

131

∅ 35

∅ 16,5

0,260



1475s

157

59

∅ 16,5

0,390

1476s

115

83

∅ 74

0,730



1477s

∅ 60x35 - Kg. ml. 2,630



1478s

∅ 61x37 - Kg. ml. 3,800



1479s

∅ 60x35 - Kg. ml. 5,800



1480s

∅ 60x35 - Kg. ml. 8,800



1481s

405

365

∅ 17

7,300



1482s

170

78

8 ∅ 6

0,400



1483s

131

72

∅ 16,5

0,170



1484s

156

68

∅ 18,5

0,320



1485s

1000

210

∅ 17

8,800

1412



9\*9

صاج

1413



11\*12

صاج

1414



39.5\*24.5

صاج

1415



13x21.5

صاج

1416



26.5\*24

صاج

1417



35\*18

صاج

1418



58\*34.5

صاج

1419



20.5x10.5

صاج

1420



20\*7

صاج

1421



10.5\*13

صاج

1422



10\*16.5

صاج

1423



13\*27

صاج

1424



15\*11

صاج

1425



53\*19.5

صاج

1426



29.2\*14.5

صاج

1427



17.7\*17.7

صاج

1428



24\*14.5

صاج

1429



10.2\*12.5

صاج

1430



13\*13

صاج

1431



7.5\*7.5

صاج

1432



14\*17.5

صاج

1433



16\*43.5

صاج

1434



14\*15.5

صاج

1435



3.5\*3.5

صاج

لصاب



1141 11 cm  
 1142 8 cm  
 1404 10 cm

صاج



1436 13 cm  
 1437 12 cm  
 1438 7 cm  
 1439 9 cm



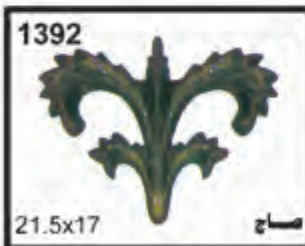
الرقم	الإسم	عرض	ارتفاع
1391	بصلة	26	7



الرقم	الإسم	عرض	ارتفاع
1389	دائرة بصوية	17	10
1390	دائرة بصوية	22	12.5



الرقم	الإسم	عرض	ارتفاع
1388	رأسان مع بطن	28	7.5



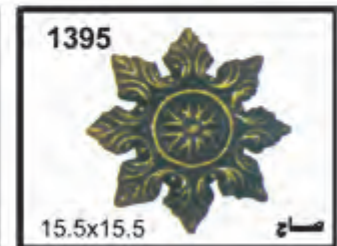
1392 21.5x17 صاج



1393 19.5x9.5 صاج



1394 15x15 صاج



1395 15.5x15.5 صاج



1396 9.5x24 صاج



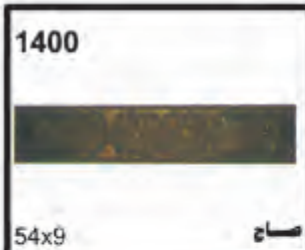
1397 59x12.5 صاج



1398 13.5x15.5 صاج



1399 29.5x15 صاج



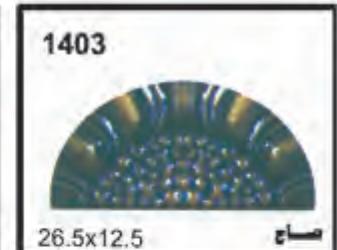
1400 54x9 صاج



1401 66x19.5 صاج



1402 40.5x17 صاج



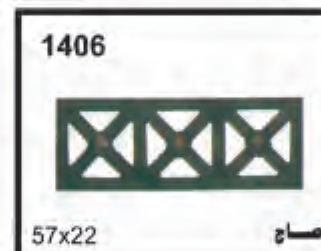
1403 26.5x12.5 صاج



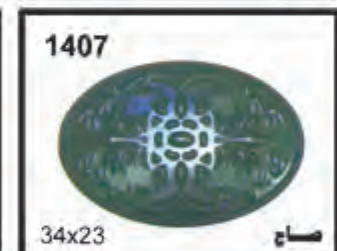
1408 18.5x14 صاج



1405 83x39 صاج



1406 57x22 صاج



1407 34x23 صاج



1408 18.5x14 صاج



1409 18x18 صاج



1410 44x24 صاج



1411 29.2x14.5 صاج



الرقم	الإسم	عرض	ارتفاع
1350	حلزون بورقة	16	11
1351	حلزون بورقة	21	14
1352	حلزون بورقة	23	16
1353	حلزون بورقة	24	17
1354	حلزون بورقة	26	19
1355	حلزون بورقة	36	24
1356	حلزون بورقة	42	26
1357	حلزون بورقة	48	33



الرقم	الإسم	عرض	ارتفاع
1343	حلزون	18	13
1344	حلزون	21	14
1345	حلزون	23.5	15.5
1346	حلزون	28	18
1347	حلزون	30	20
1348	حلزون	35.5	23
1349	حلزون	45	31



الرقم	الإسم	عرض	ارتفاع
1334	أس	13	9
1335	أس	15	10
1336	أس	17	11
1337	أس	20	13
1338	أس	23.5	15
1339	أس	26	16.5
1340	أس	28.5	18.5
1341	أس	32	20
1342	أس	35	22



الرقم	الإسم	عرض	ارتفاع
1373	حلزون معكوس بورقة	33	17
1374	حلزون معكوس بورقة	37	19
1375	حلزون معكوس بورقة	41	23
1376	حلزون معكوس بورقة	46	25
1377	حلزون معكوس بورقة	60	29



الرقم	الإسم	عرض	ارتفاع
1365	حلزون معكوس	23	9.5
1366	حلزون معكوس	29	12
1367	حلزون معكوس	31	13
1368	حلزون معكوس	31	15
1369	حلزون معكوس	36	17
1370	حلزون معكوس	36	18
1371	حلزون معكوس	45	23
1372	حلزون معكوس	50	26



الرقم	الإسم	عرض	ارتفاع
1358	حلزون بورقتين	22	15
1359	حلزون بورقتين	23.5	17
1360	حلزون بورقتين	25	18
1361	حلزون بورقتين	28	20
1362	حلزون بورقتين	37	24
1363	حلزون بورقتين	42	26
1364	حلزون بورقتين	50	33



الرقم	الإسم	عرض	ارتفاع
1386	تفاحة بورقتين	35	25
1387	تفاحة بورقتين	50	36



الرقم	الإسم	عرض	ارتفاع
1383	واو حلزون	18	9.5
1384	واو حلزون	22	12
1385	واو حلزون	27	15



الرقم	الإسم	عرض	ارتفاع
1378	واو بورقة	33	20
1379	واو بورقة	34	22
1380	واو بورقة	45	26
1381	واو بورقة	50	30
1382	واو بورقة	58	36

### مفرغ تربيع + جدل



رقم	طول	قطر
1500	75 سم	50x50 ملم
1501	85 سم	50x50 ملم
1502S	100 سم	50x50 ملم
1503	75 سم	60x60 ملم
1504	85 سم	60x60 ملم
1505S	100 سم	60x60 ملم

رقم	طول	قطر
1492	75 سم	30x30 ملم
1493	85 سم	30x30 ملم
1494S	100 سم	30x30 ملم
1495	75 سم	40x40 ملم
1496	85 سم	40x40 ملم
1497S	100 سم	40x40 ملم

رقم	طول	قطر
1498	75 سم	20x20 ملم
1487	85 سم	20x20 ملم
1488	100 سم	20x20 ملم
1489	75 سم	25x25 ملم
1490	85 سم	25x25 ملم
1491	100 سم	25x25 ملم



### بوري مدور + جدل

رقم	طول	قطر
1518 <sup>BS</sup>	200 cm	20 mm
1519 <sup>BS</sup>	200 cm	25 mm
1520 <sup>BS</sup>	200 cm	28 mm
1521 <sup>BS</sup>	200 cm	32 mm
1522 <sup>BS</sup>	200 cm	38 mm
1523 <sup>BS</sup>	200 cm	42 mm
1524 <sup>BS</sup>	200 cm	48 mm
1525 <sup>BS</sup>	200 cm	60 mm
1526 <sup>BS</sup>	200 cm	76 mm
1527 <sup>BS</sup>	200 cm	90 mm
1528 <sup>BS</sup>	200 cm	100 mm
1529 <sup>BS</sup>	200 cm	114 mm

1767



45\*35

1768



35\*35

1769



43\*30

1538



قفل خلفي

1771



40\*22

1772



44\*24

1582



30\*42

1762



43\*32

1190



24.5\*43

صاج

1191



12\*20

صاج

1192



23\*41

صاج

1179



18\*18

صاج

1193



30\*46

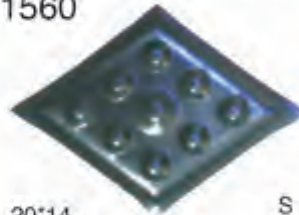
صاج

1757



29\*29

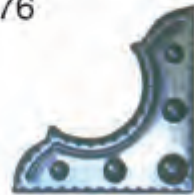
1560



20\*14

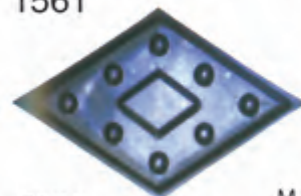
S

1576



13\*13

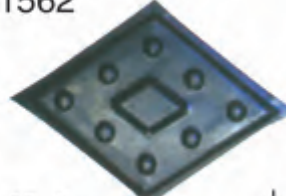
1561



20\*28

M

1562



25\*43

L



A:100





A:99



A:102



A:101

A:106



A:107



A:108



A:109





A:103



A:104



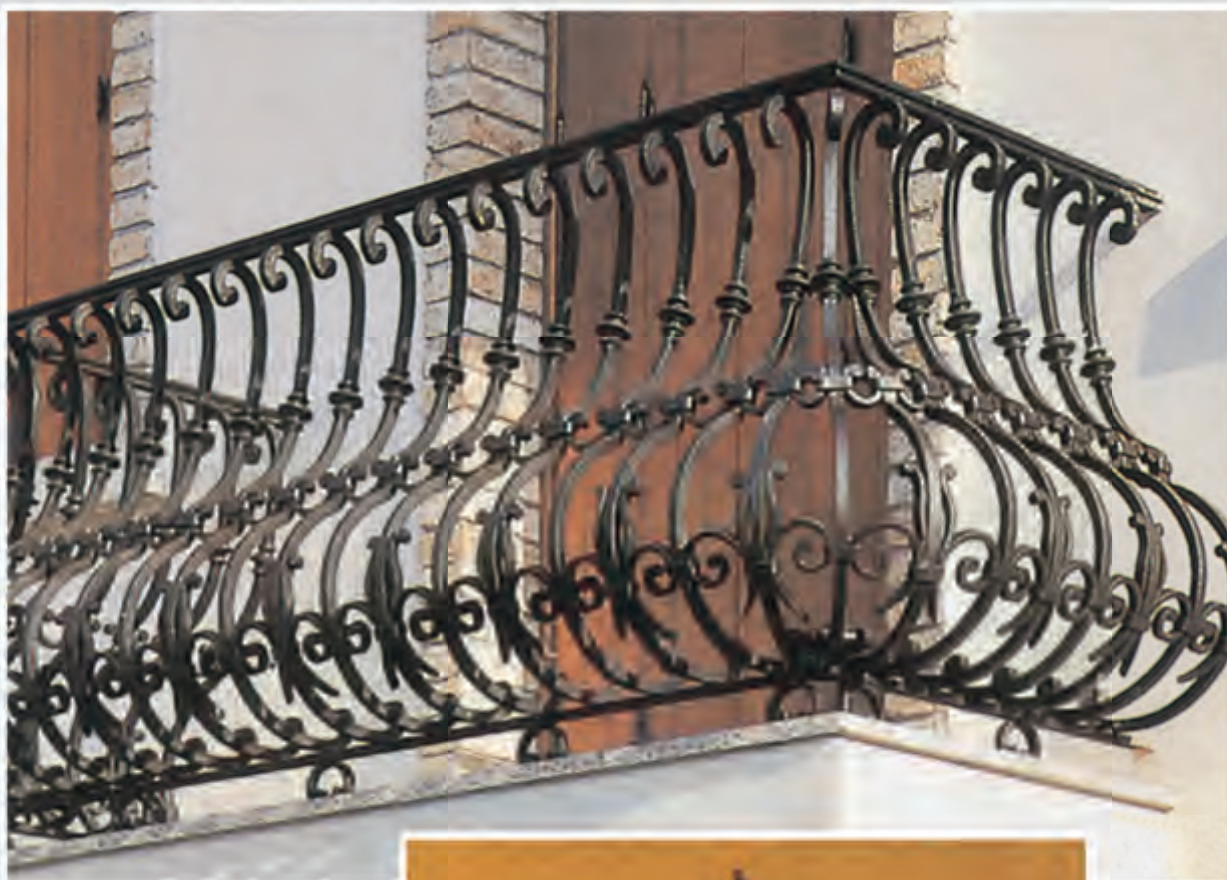
A:105



A:111



A:110



A:114



A:115







A:119



A:120



A:116



A:117

A:118





A:123



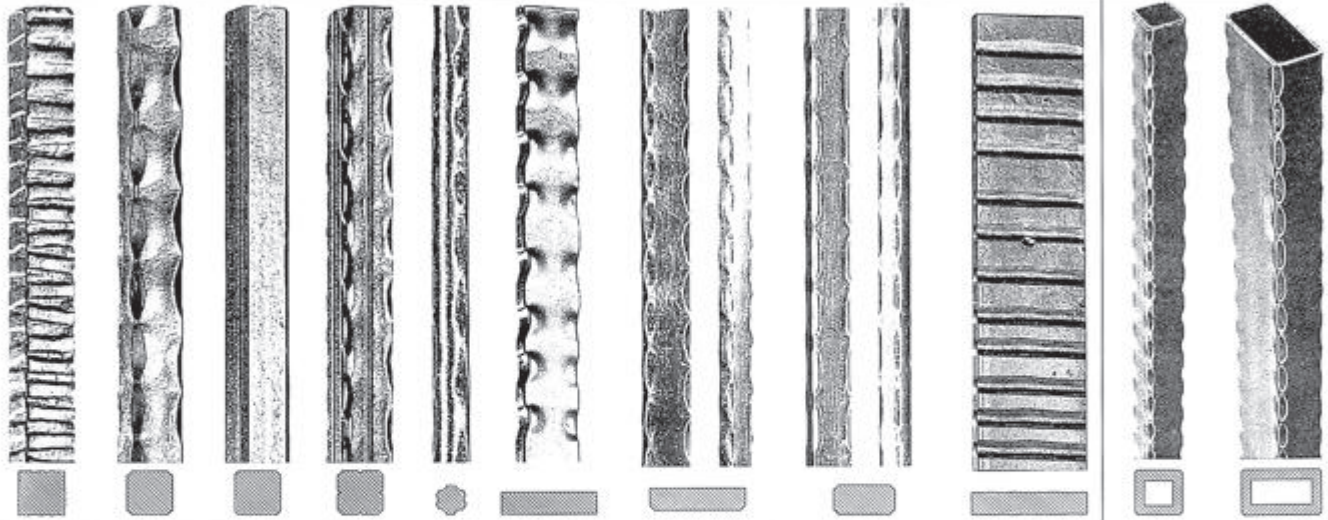
A:124



A:121



A:122



	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495
ALTEZZA mm. HEIGHT	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-3000-6000
SEZIONE mm. SECTION	12x12 14x14 16x16 18x18 20x20 25x25 30x30 35x35 40x40	12x12 14x14 16x16 18x18 20x20 25x25 30x30 35x35 40x40	12x12 14x14 16x16 18x18 20x20 25x25 30x30 35x35 40x40	12x12 14x14 16x16 18x18 20x20 25x25	∅ 10 ∅ 12 ∅ 14 ∅ 16 ∅ 18	25x8 25x10 30x6 30x10 35x5	25x6 25x8 25x10 30x6 30x8 30x10	16x8 20x8 25x8 30x6 30x10 25x10-25x12-30x15	60x6 40x6 30x6	30x30 40x40	30x20 40x20 50x30
SPESORE mm. DEPTH										3	3

PROFILI BATTUTI LEGGERMENTE SUI 4 LATI E SUI 4 ANGOLI  
SLIGHTLY HAMMERED PROFILES ON 4 SIDES AND 4 EDGES

CORRIMANO BREVETTATO  
PATENTED HANDRAIL

BREVETTATI / PATENTED



1496	
ALTEZZA mm. HEIGHT	2000-3000-6000
SEZIONE mm. SECTION	+ 30x8 - 30x10 - 30x15 - 30x20 - 40x10 - 40x15 - 40x30 - 60x6 - 60x8
Kg. mt.	1,880 - 2,380 - 3,530-4,710 - 3,140 - 4,710 - 9,420 - 2,830 - 3,770



1497	
ALTEZZA mm. HEIGHT	2000-3000-6000
SEZIONE mm. SECTION	+ 12-14-16-18-20-25-30-35-40
Kg. mt.	1,130-1,540-2,010-2,540-3,140-4,910-7,070-9,620-12,560

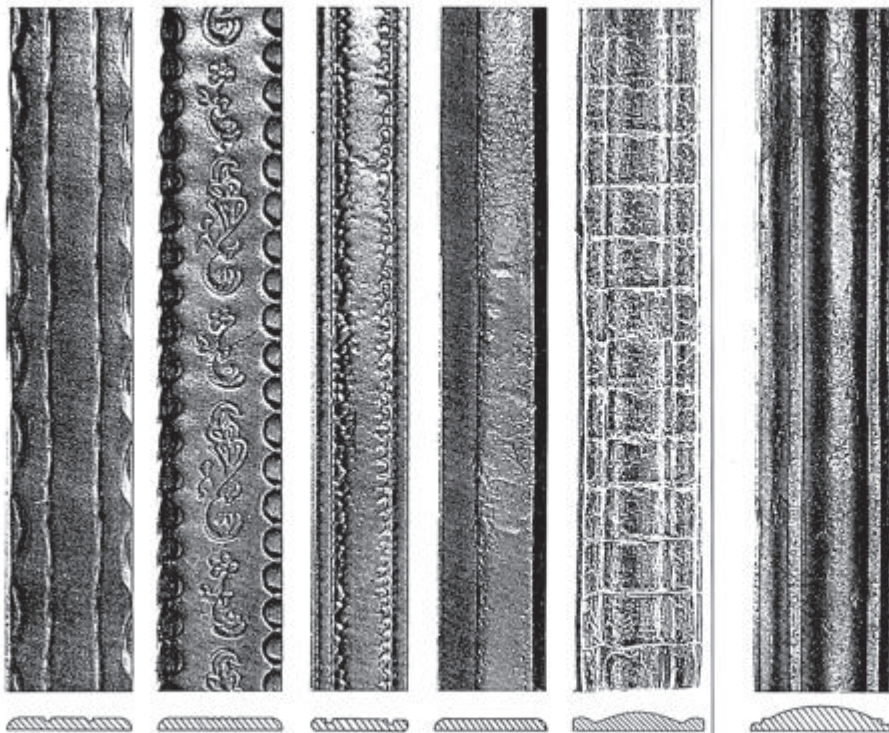


1498	
ALTEZZA mm. HEIGHT	2000-3000-6000
SEZIONE mm. SECTION	+ 50x15
Kg. mt.	4,320

PROFILI PER CORRIMANO STAMPATI  
PRESS-FORGED PROFILES FOR HANDRAILS

PROFILO LAMINATO A CALDO O A FREDDO  
HOT AND COLD ROLLED PROFILE

PARTENZE ESEGUITE IN CORRIMANO BREVETTATO  
PATENTED HANDRAIL STARTING ELEMENTS

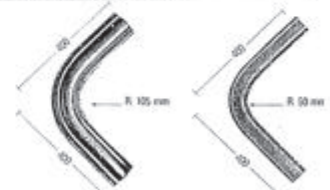


	1499	1500	1501	1502	1503	1504
ALTEZZA mm. HEIGHT	2000-3000-6000	2000-3000-6000	2000-3000-6000	2000-6000	2000-6000	2000-6000 2000-6000 2000-6000
LARGHEZZA mm. WIDTH	50	50	40	50	50	35 40 50
SEZIONE mm. SECTION	50x4-40x8-50x8 40x15-50x15	50x8 50x15	40x8 40x15	50x8 40x15	50x12	35x8 40x10 50x15
Kg. mt.	1,570-2,510 3,140-4,710-5,890	3,140 5,890	2,510 4,710	2,510 5,890	4,710	1,825 2,675 4,215

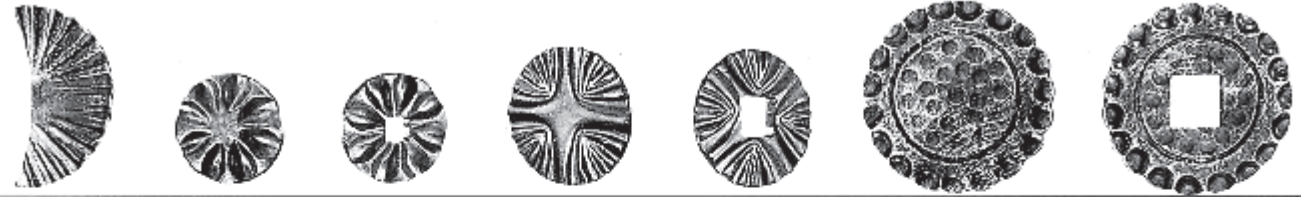


	1505	1506	1507
ALTEZZA mm. HEIGHT	350	380	840
LARGHEZZA mm. WIDTH	160	210	280
SEZIONE mm. SECTION	+ 50x15	+ 50x15	+ 50x15
Kg.	2,060	2,120	4,940

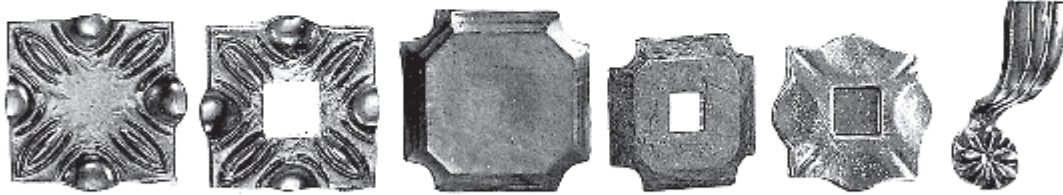
CURVE PER CORRIMANO CON SVILUPPO mm. 750  
CURVES FOR HANDRAILS 750 mm.



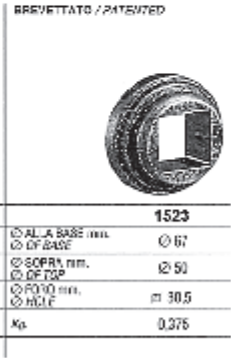
	1508					1509
RAGGIO INT. mm. INNER RADIUS	105	105	105	105	105	50
CON PROFILO ART. WITH PROFILE	700	701	549/AT	549/CT	549/F	702
SEZIONE mm. SECTION	50x8	50x8	50x15	50x15	50x12	45x8
Kg.	2,360	2,360	4,430	4,430	3,530	1,390
	4,460	4,430				3,540



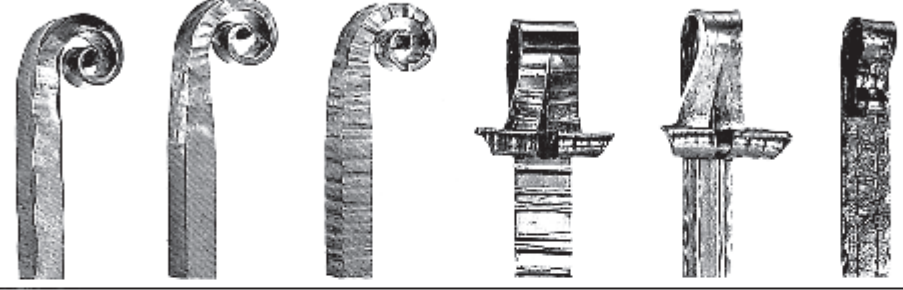
ALTEZZA mm. HEIGHT	150	50	80	80	80	80	105	105
LARGHEZZA mm. WIDTH	100	∅ 60	∅ 50	∅ 80	∅ 50	∅ 105	∅ 105	∅ 105
SPESORE mm DEPTH	+ 5	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 5
FORO mm. HOLE mm.	-	-	∅ 13x13	-	∅ 21x21	-	-	∅ 20x20 - 21x21
Kg.	0,700	0,133	0,130	0,237	0,200	0,370	-	0,250



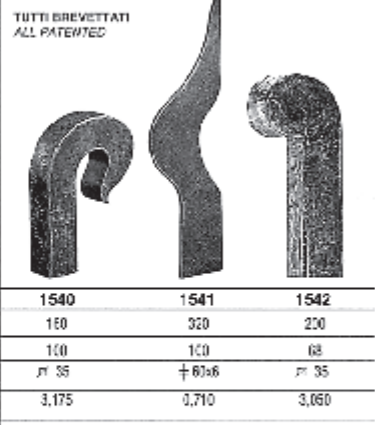
ALTEZZA mm. HEIGHT	100	100	100	100	100	150	∅ ALLA BASE mm. ∅ OF BASE	∅ 67
LARGHEZZA mm. WIDTH	∅ 100x100	∅ 100x100	100	100	100	50	∅ SOPRA mm. ∅ OF TOP	∅ 50
SPESORE mm DEPTH	+ 10	+ 10	+ 8	+ 8	+ 10	+ 6	∅ FORO mm. ∅ HOLE	∅ 30,5
FORO mm. HOLE mm.	-	∅ 20x20-21x21	-	∅ 20x20-21x21	∅ 30	-	Kg.	0,275
Kg.	0,630	0,590	0,520	0,460	0,520	0,500	-	-



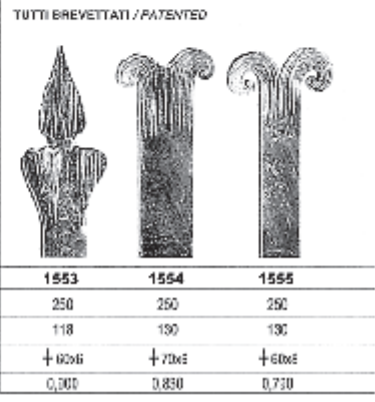
ALTEZZA mm. HEIGHT	200	140	220	300	135	170	180	153	100	185
LARGHEZZA mm. WIDTH	∅ 80	∅ 80	80	107	45	60	75	40	28-35-40-47	40
SEZIONE mm. SECTION	+ 4 ∅ 2	+ 4 ∅ 10	+ 8	+ 6	+ 5	+ 10	+ 10	∅ 40x40	∅ 25-30-35-40	∅ 35x35
Kg.	0,510	-	0,300	0,590	0,420	0,630	0,790	0,920	0,510-0,710 0,805-1,280	1,300

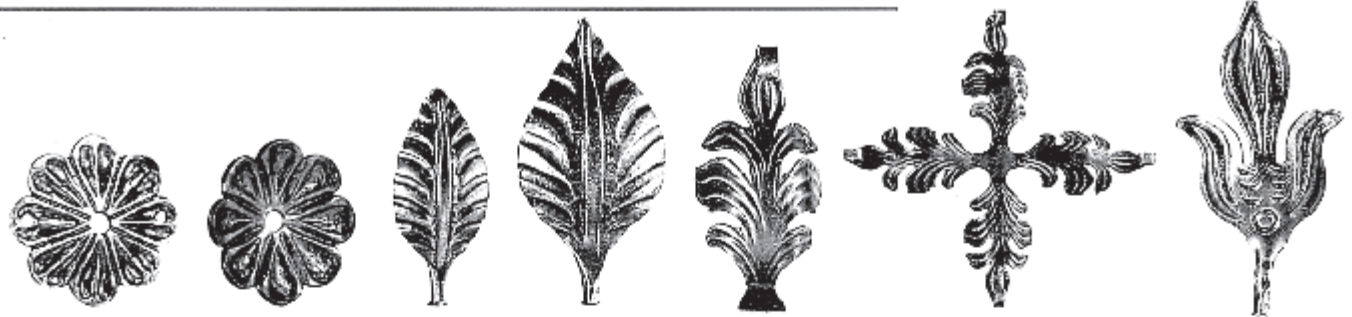


ALTEZZA mm. HEIGHT	250	250	250	250	250	250	150	320	200
LARGHEZZA mm. WIDTH	da 80 a 115	da 80 a 115	da 80 a 115	140	140	50	100	100	68
SEZIONE mm. SECTION	∅ 30-25-30 35-40	∅ 25-25-30 35-40	∅ 20-25-30 35-40	+ 60x6	+ 50x8	+ 50x8	∅ 35	+ 60x6	∅ 35
Kg.	0,730-1,210-1,800 1,510-3,800	0,750-1,230-1,820 2,100-3,800	0,730-1,250-1,800 2,100-3,800	1,450	1,600	1,500	3,175	0,710	3,060

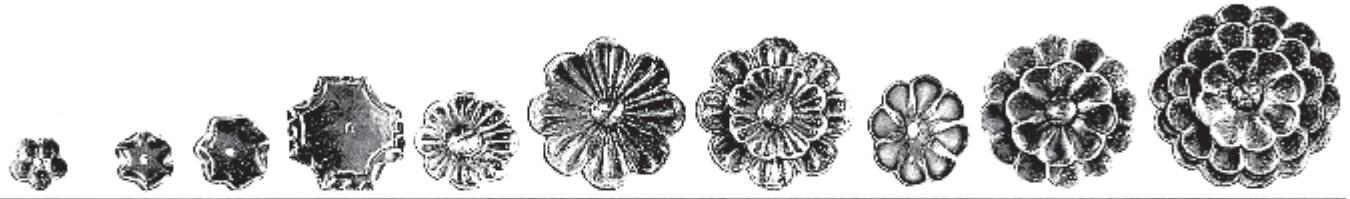


ALTEZZA mm. HEIGHT	110	185	165	165	190	180	190	165	185	190	250	250	290
LARGHEZZA mm. WIDTH	80	30	35	40	30	35	40	30	35	40	118	190	190
SEZIONE mm. SECTION	da ∅ 16 a ∅ 20	∅ 30	∅ 35	∅ 40	∅ 30	∅ 35	∅ 40	∅ 20	∅ 25	∅ 40	+ 60x6	+ 70x6	+ 60x6
Kg.	0,480	0,600	1,130	1,255	0,655	0,890	1,375	0,650	0,700	1,300	0,700	0,850	0,730





	1556	1557	1558	1559	1560	1561	1562
ALTEZZA mm. / HEIGHT	Ø 83	Ø 80	147	196	155	340	210
LARGHEZZA mm. / WIDTH	Ø 83	Ø 80	62	100	71	340	107
SPESSORE mm. / DEPTH	+ 4	+ 4	+ 6	+ 8	+ 4	+ 4	+ 4
Ac.	0,210	0,200	0,250	0,700	0,230	0,750	0,250



	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572
ALTEZZA mm. / HEIGHT	36	39	40	73	63	86	66	66	86	114
LARGHEZZA mm. / WIDTH	36	39	49	73	63	96	66	66	96	114
SPESSORE mm. / DEPTH	+ 4	+ 4	+ 5	+ 5	+ 5	+ 5	+ 5	- 5	+ 4	- 6
Ac.	0,380	0,100	0,220	0,190	0,100	0,250	0,350	0,300	0,400	0,500



	1573	1574	1575	1576	1577	1578	1579	1580	
ALTEZZA mm. / HEIGHT	102	63	93	260	260	109	109	22	10
LARGHEZZA mm. / WIDTH	102	63	93	200	73	42	42	Ø 90	Ø 125
SPESSORE mm. / DEPTH	+ 9	+ 3	+ 3	Ø 5	Ø 6	+ 3	+ 3	+ 3	+ 5
Ac.	0,500	0,100	0,150	0,900	0,750	0,060	0,050	0,240	0,340



	1581	1582	1583	1584	1586	1588
ALTEZZA mm. / HEIGHT	145	100	100	200	200	173
LARGHEZZA mm. / WIDTH	120	100	100	210	210	66
SPESSORE mm. / DEPTH	15	+ 4	+ 4	+ 3	+ 3	- 6
Ac.	0,450	0,700	0,170	0,610	0,650	0,140

FUGLIE E FIORI ESEGUITI A MANO / HAND-MADE LEAVES AND FLOWERS

FUGLIE FORGATE / PRESSED LEAVES

TUTTI BREVETTATI / PATENTED



	1587	1588	1589	1590	1591	1592	1593	1594	1595
ALTEZZA mm. / HEIGHT	225	205	90	86	90	80	86	125	140
LARGHEZZA mm. / WIDTH	225	265	240	66	63	80	86	125	140
SPESSORE mm. / DEPTH	+ 6	+ 6	+ 2,5	+ 4	+ 4	+ 2,5	+ 2,5	+ 4	+ 4
Ac.	0,770	0,690	0,210	0,200	0,200	0,200	0,250	0,320	0,300

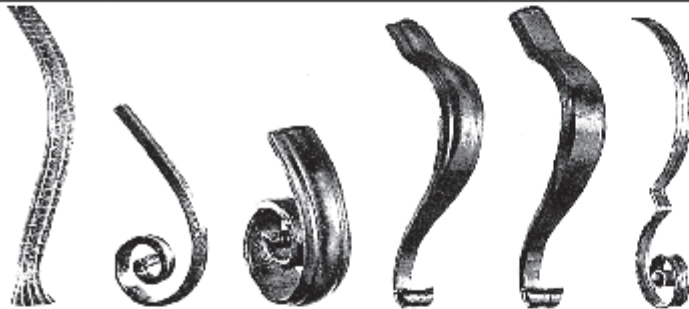


**PARTENZE PER CORRIMANO RICAVATE DA PROFILI I LUNGI 1000mm.**  
**STARTING PARTS FOR HANDRAILS, MADE FROM 1000 mm. PROFILES**



	1596		1597		1598		1599		1600	1601		1602	
CON PROFILO ART. WITH PROFILE	702	701	700	545T	700	701	700	545AT	545CT	545T	700	701	702
SEZIONE mm. SECTION	-92x8 +50x15	+57x8 +50x15	+41x8 +40x15	+50x12	+51x8 +50x15	+37x8 +50x15	+40x8 +50x15	+50x15	+50x15	+50x12	+51x8 +50x15	+40x8 +40x15	+40x8 +40x15
Kg	3,140	3,140	2,510	4,710	3,140	3,140	2,510	5,893	5,890	4,710	3,140	3,140	2,510
	5,680	5,390	4,710		5,090	4,710					5,390	5,060	4,710

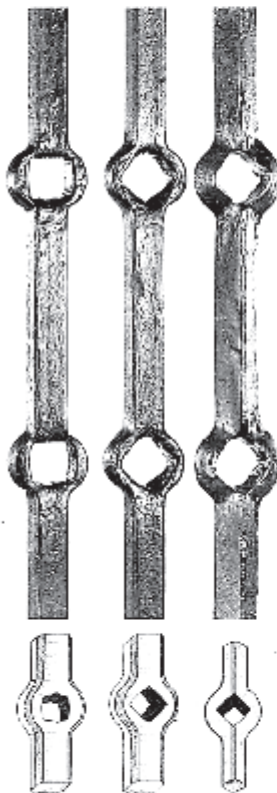
**PARTENZE PER CORRIMANO / STARTING PARTS FOR HANDRAILS**



	1606	1607	1608	1609	1610	1611
CON PROFILO ART. WITH PROFILE	545T	545AT	545BT	545DT	545AT	702
SEZIONE mm. SECTION	+50x12	+50x15	+50x15	+50x15	+50x15	+50x8
Kg	3,000	2,200	2,200	2,200	2,200	5,700

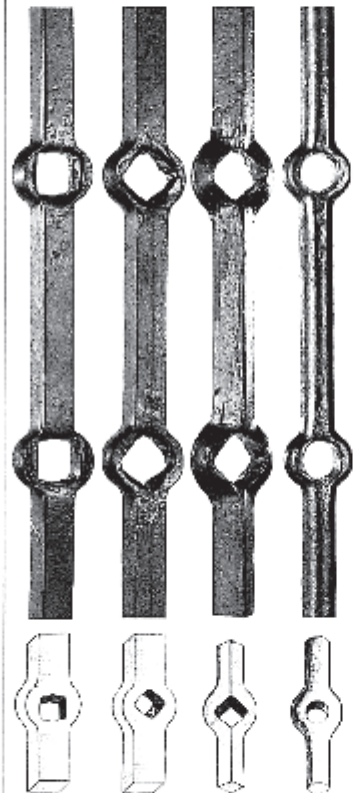
**BARRE BUCATE A CALDO / HOT PIERCED BARS**

SPILATE CONTINUE / HAMMERED EDGES



	1616	1617	1618	1619	1620	1621	1622	1623
ALTEZZA mm. HEIGHT	2000	2000	2000	2000	2000	2000	2000	2000
LARGHEZZA mm. WIDTH								21
SEZIONE mm. SECTION	14-16-18 20-22	14-16-18 20-22	14-16-18 20-22	14-16-18 20-22	14-16-18 20-22	14-16-18 20-22	14-16-18 20-22	14
INTERASSE mm. CENTER DISTANCE	140-150-160 170-171	140-150-160 170-170	140-150-160 170-170	140-150-160 170-170	140-150-160 170-170	140-150-160 170-170	140-150-160 170-170	154
FORO mm. HOLE	15-17-19 21-23	15-17-19 21-23	15-17-19 21-23	15-17-19 21-23	15-17-19 21-23	15-17-19 21-23	15-17-19 21-23	
ALATO mm. ON SIDE	ALATO	ALATO	ALATO	ALATO	ALATO	ALATO	ALATO	
	ON SIDE	ON SIDE	ON SIDE	ON SIDE	ON SIDE	ON SIDE	ON SIDE	

LISCE / SMOOTH

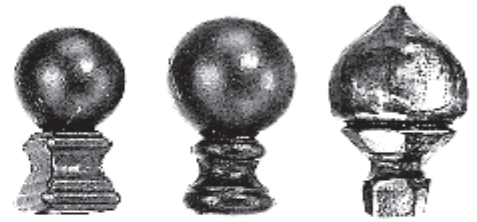


**POMILI PERMANENTE / PERMANENT ROLLERS**

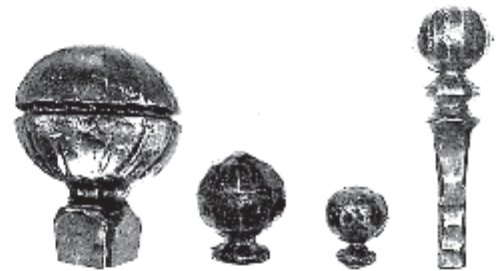


BREVETATO RIFER. PATENTED

**POMOLI PER CAPISALDI / DECORATIVE BALL GRIPS FOR NEWEL POSTS**



	1603	1604	1605
ALTEZZA mm. HEIGHT	155	110	160
DIAM. BASE mm. Ø OF BASE	≥ 45	≥ 37	≥ 55x55
LARGHEZZA mm. WIDTH	60	40	72
Kg	1,300	1,800	2,200



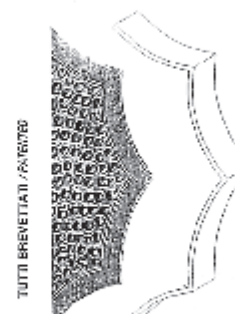
	1612	1613	1614	1615
ALTEZZA mm. HEIGHT	140	75	54	170
DIAM. BASE mm. Ø OF BASE	≥ 30,00	Ø 25	Ø 20	≥ 25x25
LARGHEZZA mm. WIDTH	77	55	45	33
Kg	2,270	1,900	0,300	1,000

**PLACCHE COPRISERRATURE / LOCK COVER PLATES**

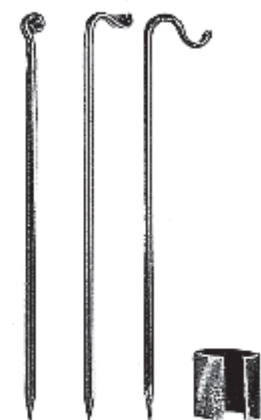


	1624	1625	1626	1627
ALTEZZA mm. HEIGHT	280	385	280	340
LARGHEZZA mm. WIDTH	150	150	150	130
SEZIONE mm. SECTION	+4,5	+4x4	+5,5	+2x4
Kg	1,350	5,900	1,300	0,300

**GATINACCI / BOLTS**

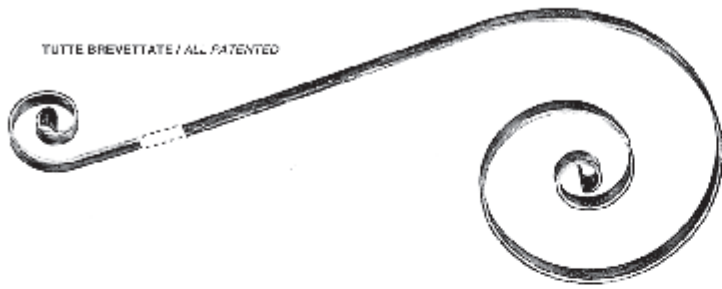


TUTTI BREVETTATI / PATENTED

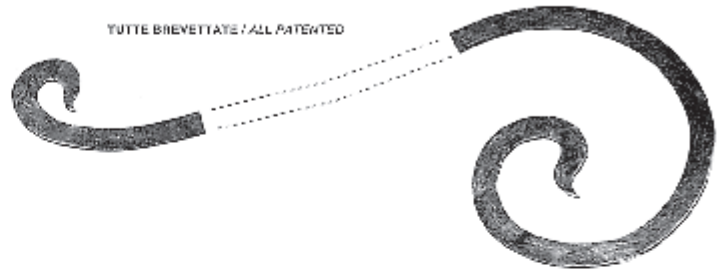


	1628	1629		1630
ALTEZZA mm. HEIGHT	275	275	810	740
LARGHEZZA mm. WIDTH	95	95	40	50
SEZIONE mm. SECTION	± 6	± 25x1-50x1	Ø 25	Ø 16
Kg	5,700	0,315-0,375	2,200	5,100

TUTTE BREVETTATE / ALL PATENTED

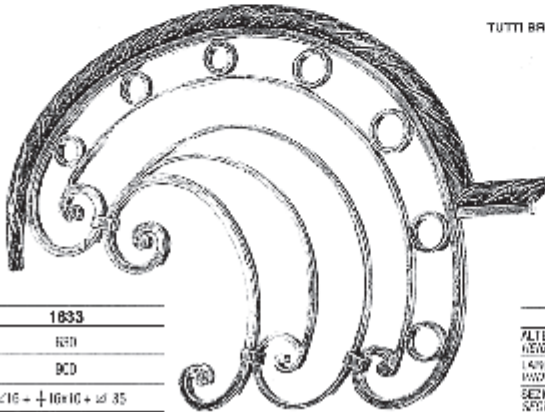


TUTTE BREVETTATE / ALL PATENTED



	1631				1632
ALTEZZA mm. HEIGHT	220	550	400	180	400
LARGHEZZA mm. WIDTH	150	530	350	280	430
SEZIONE mm. SECTION	40x8	40x8	40x8	35x8	35x8
Kg	1,510	6,200	3,770	0,920	2,600

TUTTI BREVETTATI / ALL PATENTED



	1833
ALTEZZA mm. HEIGHT	150
LARGHEZZA mm. WIDTH	90
SEZIONE mm. SECTION	10x6 + 10x10 + 10x35
Kg	20,400



	1634	1635	1636	1637	1638
ALTEZZA mm. HEIGHT	430	290	200	425	410
LARGHEZZA mm. WIDTH	220	50	50	190	110
SEZIONE mm. SECTION	30x4	15x11	10x10	17x16	13x16
Kg	1,820	0,450	0,390	2,000	1,500



ART.	1639	332-284
ALTEZZA mm. HEIGHT	320	320
LARGHEZZA mm. WIDTH	720	720
SEZIONE mm. SECTION	40x4	40x4
Kg	2,200	2,200

FOGLIE IN STILE BAROCO E CLASSICO FORGIATE A MANO / BAROQUE AND CLASSIC STYLE HAND-WROUGHT LEAVES

DESTRI - SINISTRI / RIGHT - LEFT

										1645
90	ED	ED	ED	100	100	100	100	60	90	150
70	70	50	80	65	65	100	100	115	115	80
+4	+4	+4	+4	+0,5	+1,5	+0,5	+0,5	+0,5	+0,5	+4
0,140	0,140	0,140	0,140	0,110	0,100	0,150	0,150	0,150	0,100	0,180

TUTTI QUESTI ARTICOLI (eccetto art. 1211) SONO DISPONIBILI DESTRI E SINISTRI / ALL THESE ARTICLES (except art. 1211) CAN BE RIGHT AND LEFT



	1646		1647		1648		1649		1650		1651		1652		1653	
ALTEZZA mm. HEIGHT	110	110	200	200	150	150	200	200	120	120	110	110	120	120	120	100
LARGHEZZA mm. WIDTH	155	135	80	187	50	150	180	180	80	93	93	93	90	90	79	79
SPESORE mm. THICKNESS	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4	+3	+3	+3	+3
Kg	0,210	0,210	0,340	0,340	0,280	0,280	0,400	0,400	0,250	0,250	0,100	0,100	0,100	0,150	0,150	0,080

DESTRI - SINISTRI / RIGHT - LEFT



	1654		1655		1656		1657		1658		1659		1660		1661		1662	
ALTEZZA mm. HEIGHT	100	100	80	80	107	107	120	120	155	150	150	65	65	110	110		12	
LARGHEZZA mm. WIDTH	85	85	58	58	70	70	74	74	85	65	65	75	75	40	40		10,80	
SPESORE mm. THICKNESS	+2	+2	+4	+4	+2	+2	+2	+2	+2	+1	+1	+1,5	+1,5	+1,5	+1,5		+1,5	
Kg	0,100	0,100	0,050	0,050	0,110	0,100	0,150	0,150	0,100	0,150	0,100	0,075	0,075	0,075	0,075		0,140	

DESTRI - SINISTRI / RIGHT - LEFT

**1663****1664****1665****1666****1667****1668****1669**

180	110	190	180	190	210	205
-	∅ 14	+ 25x16	∅ 12	∅ 14	∅ 16	∅ 36
40	140	120	51	53	60	68
0,210	0,450	0,350	0,210	0,290	0,420	0,600

**1670****1671****1672****1673****1674****1675**

200	290	400	280	210	240
∅ 16	∅ 20	∅ 20	∅ 29	∅ 18	∅ 18
85	120	120	120	95	95
0,550	0,860	1,600	1,450	0,540	0,740

**1676****1677****1678****1679****1680****1781****1782**

120	160	198	125	135	205	175	170
∅ 26	∅ 32	∅ 40	∅ 21	∅ 26	∅ 35	∅ 30	∅ 53
67	95	23	31	67	68	61	85
0,500	0,950	1,500	0,210	0,300	0,520	0,400	2,945



<b>1683</b>	<b>1684</b>	<b>1685</b>	<b>1686</b>	<b>1687</b>	<b>1688</b>	<b>1689</b>	<b>1690</b>
127	142	200	80	103	138	145	190
∅ 25	∅ 31	∅ 40	∅ 28	∅ 50	∅ 8,5	∅ 30	∅ 40
46	57	70	40	44	39	52	68
0,350	0,480	0,950	0,400	0,850	0,210	0,700	1,200



<b>1691</b>	<b>1692</b>	<b>1693</b>	<b>1694</b>	<b>1695</b>	<b>1696</b>
94	180	99	160	127	122
∅ 49	∅ 100	∅ 50	∅ 20	∅ 20	∅ 25
49	100	50	70	71	38
0,780	5,800	0,530	0,350	0,150	0,110



<b>1697</b>	<b>1698</b>	<b>1699</b>	<b>1700</b>	<b>1701</b>	<b>1702</b>	<b>1703</b>
135	195	50	185	220	215	145
∅ 25	∅ 33	∅ 34	∅ 14	∅ 40	∅ 42	∅ 30
41	53	30	57	80	85	82
0,180	0,400	0,200	0,260	0,400	1,000	0,600









<b>1704</b>	<b>1705</b>	<b>1706</b>	<b>1707</b>	<b>1708</b>	<b>1709</b>	<b>1710</b>
142	165	165	160	130	160	200
∅ 13	∅ 15	∅ 22	∅ 20	∅ 12	∅ 16	∅ 18
52	60	66	100	52	68	83
0,280	0,350	0,400	0,400	0,140	0,220	0,380












<b>1711</b>	<b>1712</b>	<b>1713</b>	<b>1714</b>	<b>1715</b>	<b>1716</b>	<b>1717</b>
180	109	80	125	165	207	195
∅ 15	∅ 12	∅ 20	∅ 25	∅ 30	∅ 16	∅ 38
63	69	45	64	84	74	55
0,400	0,100	0,110	0,280	0,400	0,500	0,450



<b>1718</b>	<b>1719</b>	<b>1720</b>	<b>1721</b>	<b>1722</b>	<b>1723</b>	<b>1724</b>
139	128	128	112	130	115	155
∅ 15	∅ 38	∅ 36	∅ 26	∅ 12	∅ 21	∅ 16
63	61	∅ 35	∅ 26	60	60	70
0,300	0,280	0,500	0,250	0,180	0,170	0,350

					
<b>1725</b>	<b>1726</b>	<b>1727</b>	<b>1728</b>	<b>1729</b>	<b>1730</b>
140	192	175	155	145	128
∅ 27	∅ 20	∅ 36	∅ 25	∅ 30	∅ 16
71	93	59	25	47	48
0,320	0,550	0,400	0,380	0,250	0,120

		
<b>1731</b>	<b>1732</b>	<b>1733</b>
63	70	70
∅ 44	∅ 20	∅ 12
SOPRA ∅ 35	60	62
0,400	0,120	0,125

					
<b>1734</b>	<b>1735</b>	<b>1736</b>	<b>1737</b>	<b>1738</b>	<b>1739</b>
127	135	139	145	293	258
∅ 30	∅ 22	+ 14x8	∅ 14	∅ 25	∅ 16
64	73	59	40	75	∅ 23
0,350	0,450	0,250	0,500	1,400	0,400



**1740      1741      1742      1743      1744      1745      1746**

175	210	240	255	280	135	180
∅ 30	∅ 34	∅ 41	∅ 42	∅ 16	∅ 33	∅ 53
62	70	82	80	68	47	33
0,350	0,480	0,650	1,900	1,200	0,400	0,400



**1747      1748      1749      1750      1751      1752**

175	220	300	90	90	85
∅ 30	∅ 35	∅ 58	∅ 30	∅ 30	∅ 40
62	63	100	40	40	50
0,350	0,450	1,600	0,300	0,300	0,850



**1753      1754      1755      1756      1757      1758      1759      1760      1761      1762**

∅ 25	∅ 30	∅ 35	∅ 40	∅ 50	∅ 60	∅ 70	∅ 80	∅ 90	∅ 100
0,084	0,125	0,195	0,290	0,560	1,000	1,650	2,300	3,200	4,300



**1763      1764      1765      1766      1767      1768      1769**

210	155	125	114	152	135	190
∅ 37	∅ 16	∅ 12	∅ 21	∅ 16	∅ 27	∅ 21
65	66	57	57	73	72	90
0,630	0,300	0,140	0,135	0,300	0,295	0,530



**1770      1771      1772      1773      1774      1775**

247	145	265	410	140	164
∅ 18	∅ 20	∅ 18	∅ 20	∅ 14	∅ 16
80	67	120	120	82	88
0,880	1,500	0,620	2,150	0,190	0,280



<b>1776</b>	<b>1777</b>	<b>1778</b>	<b>1779</b>	<b>1780</b>	<b>1781</b>	<b>1782</b>	<b>1783</b>	<b>1784</b>	<b>1785</b>	<b>1786</b>	<b>1787</b>
∅ 15	∅ 20	∅ 25	∅ 30	∅ 35	∅ 40	∅ 50	∅ 60	∅ 70	∅ 80	∅ 90	∅ 100
0,019	0,039	0,084	0,125	0,195	0,290	0,560	1,000	1,650	2,300	3,200	4,300





**1788**

160
∅ 20
∅ 50
-
-
1,140



**1789**

68
∅ 32
∅ 65
-
-
0,550



**1790**

68
∅ 32
∅ 65
∅ 22,5
∅ 22 - ∅ 16
0,470



**1791**

68
∅ 32
∅ 65
∅ 16,5
∅ 16
0,470



**1792**

100
∅ 60
∅ 80
-
-
2,335



**1793**

65
∅ 27
∅ 30
-
-
0,220



**1794**

90
∅ 40
∅ 40
-
-
0,575



**1795**

90
∅ 40
∅ 40
-
-
0,520



**1796**

120
∅ 55
∅ 65
-
-
1,620



**1797**

185
∅ 100
∅ 85
-
-
5,600



**1798**

80
∅ 46
∅ 70
-
-
1,050



**1799**

80
∅ 46
∅ 70
∅ 25,5-27,5-30,5-35,5-40,5
∅ 25-27-30-35-40
0,790



**1800**

50
∅ 69
∅ 46
-
-
0,400



**1801**

50
∅ 69
∅ 46
∅ 25,5-27,5-30,5-35,5-40,5
∅ 25-27-30-35-40
0,400



**1802**

25
∅ 22
∅ 36
-
-
0,120



**1803**

25
∅ 22
∅ 36
∅ 12,5-14,5
∅ 12-14
0,100



**1804**

50
∅ 35
∅ 35
-
-
0,180



	<b>1805</b>	<b>1806</b>	<b>1807</b>	<b>1808</b>	<b>1809</b>	<b>1810</b>	<b>1811</b>	<b>1812</b>	<b>1813</b>
	60	135	120	64	60	37	43	121	125
JSS	∅ 25	∅ 33	∅ 28	∅ 28	∅ 32	∅ 37	∅ 26	∅ 59	∅ 62
REN	∅ 35	∅ 40	∅ 32	∅ 32	∅ 41	∅ 33	∅ 40	70	71
	∅ 14,5-16,5-18,5	∅ 16,5-20,5	∅ 14,5-16,5	∅ 14,5-16,5	∅ 16,5-20,5	∅ 14,5-16,5	∅ 14,5-16,5		
	∅ 12 ∅ 14-16-18	∅ 16-20	∅ 14-16	∅ 14-16	∅ 16-20	∅ 14-16	∅ 14-16		
	0,200	1,500	0,500	0,250	0,450	0,150	0,180	2,600	2,600



	<b>1814</b>	<b>1815</b>	<b>1816</b>	<b>1817</b>	<b>1818</b>	<b>1819</b>	<b>1820</b>	<b>1821</b>
	30	80	200	55	173	173	173	25
JSS	∅ 30	∅ 30	∅ 30	∅ 33	37	37	37	60
REN	∅ 60	∅ 52	∅ 60	∅ 48	57	57	57	60
	∅ 16,5-20,5	∅ 16,5-20,5	∅ 16,5-20,5	∅ 14,5-16,5-18,5	∅ 16,5 ∅ 16,5	∅ 16,5 ∅ 16,5	∅ 16,5 ∅ 16,5	∅ 12,5 ∅ 14,5
	∅ 16-20	∅ 16-20	∅ 16-20	∅ 12 ∅ 14-16-18	∅ 16 ∅ 16	∅ 16 ∅ 16	∅ 16 ∅ 16	∅ 12 ∅ 14
	0,200	0,600	1,400	0,300	1,100	1,100	1,100	0,300



	<b>1822</b>	<b>1823</b>	<b>1824</b>	<b>1825</b>	<b>1826</b>
	60	60	60	26	26
	34	34	34	34	34
	∅ 16-18	∅ 16-18	∅ 16-18	∅ 16-18	∅ 16-18
	0,180	0,140	0,130	0,090	0,090



**1827**

180
∅ 65
240
2,510



**1828**

240
∅ 120
245
16,000



**1829**

285
∅ 120
170
8,800



**1830**

410
∅ 170
200
17,500



**1831**

39
∅ 40
∅ 32
∅ 12,5
∅ 12
0,180



**1832**

67
∅ 32
∅ 40
∅ 12,5
∅ 12
0,230



**1833**

45
∅ 45
∅ 35
∅ 12,5-14,5
∅ 12-14
0,260



**1834**

67
∅ 35
∅ 45
∅ 12,5-14,5
∅ 12-14
0,350



**1835**

405
365
± 17
7,300



**1836**

1000
210
± 17
8,800



**1837**

47
∅ 50
∅ 40
∅ 14,5-16,5
∅ 14-16
0,350



**1838**

80
∅ 40
∅ 49
∅ 14,5-16,5
∅ 14-16
0,500



**1839**

38
∅ 40
∅ 32
∅ 14,5-16,5
∅ 14-16
0,260



**1840**

67
∅ 32
∅ 40
∅ 14,5-16,5
∅ 14-16
0,350



**1841**

46
∅ 45
∅ 37
∅ 14,5-16,5
∅ 14-16
0,350



**1842**

88
∅ 38
∅ 45
∅ 14,5-16,5
∅ 14-16
0,650

**1843**

39
∅ 40
∅ 32
-
-
0,250

**1844**

39
∅ 40
∅ 32
∅ 12,5-14,5-16,5
∅ 12 ∅ 12-14-16
0,180

**1845**

39
∅ 40
∅ 32
∅ 12,5
∅ 12
0,180

**1846**

67
∅ 32
∅ 40
-
-
0,320

**1847**

67
∅ 32
∅ 40
∅ 12,5-14,5-16,5
∅ 12 ∅ 12-14-16
0,230

**1848**

67
∅ 32
∅ 40
∅ 12,5
∅ 12
0,230

**1849**

45
∅ 45
∅ 35
-
-
0,320

**1850**

45
∅ 45
∅ 35
∅ 12,5-14,5-16,5-18,5-20,5
∅ 12-14 ∅ 12-14-16-18-20
0,260

**1851**

45
∅ 45
∅ 35
∅ 12,5-14,5
∅ 12-14
0,260

**1852**

67
∅ 35
∅ 45
-
-
0,480

**1853**

67
∅ 35
∅ 45
∅ 12,5-14,5-16,5-18,5-20,5
∅ 12-14 ∅ 12-14-16-18-20
0,350

**1854**

67
∅ 35
∅ 45
∅ 12,5-14,5
∅ 12-14
0,350

**1855**

47
∅ 50
∅ 40
-
-
0,480

**1856**

47
∅ 50
∅ 40
∅ 16,5-18,5-20,5-22,5-25,5
∅ 12-14-16-18 ∅ 16-18-20-22-25
0,350

**1857**

47
∅ 50
∅ 40
∅ 14,5-16,5
∅ 14-16
0,350

**1858**

80
∅ 40
∅ 49
-
-
0,680

**1859**

80
∅ 40
∅ 49
∅ 16,5-18,5-20,5-22,5-25,5
∅ 12-14-16-18 ∅ 16-18-20-22-25
0,500

**1860**

80
∅ 40
∅ 49
∅ 14,5-16,5
∅ 14-16
0,500

**AB001**

■ 16X8 mm  
↓ 450 mm  
↔ 405 mm  
⚖ 5.82 kg  
Double Faced



**AB002**

■ 16X8 mm  
↓ 600 mm  
↔ 400 mm  
⚖ 4.51 kg  
Double Faced



**AB003**

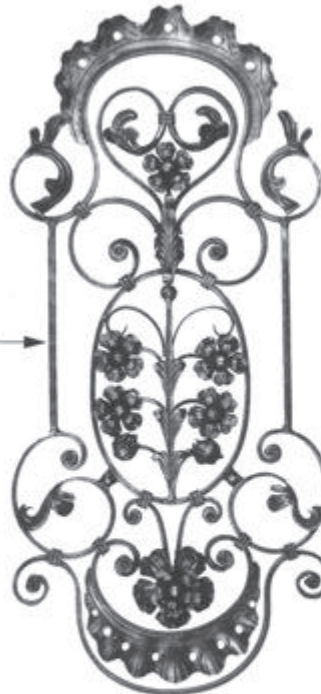
■ 16X8 mm  
↓ 730 mm  
↔ 620 mm  
⚖ 9.80 kg



**AB004**

■ 16X8 mm  
↓ 830 mm  
↔ 650 mm  
⚖ 13.50 kg  
Double Faced

■ 12 mm



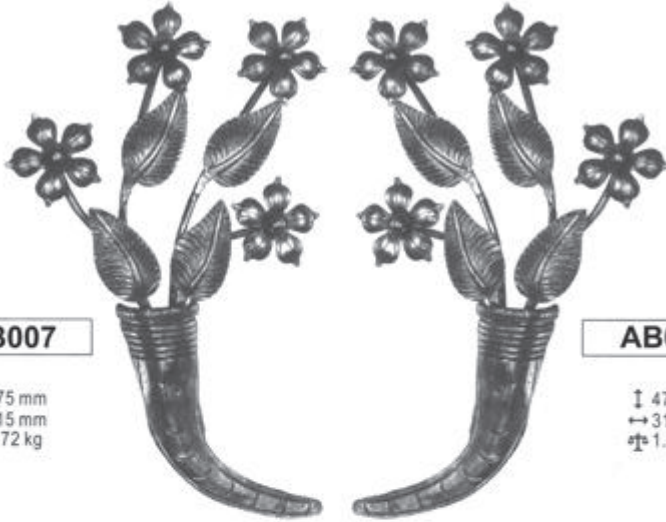
**AB005**

■ 16X8 mm  
↓ 1020 mm  
↔ 470 mm  
⚖ 11.20 kg



**AB006**

■ 16X8 mm  
↓ 1090 mm  
↔ 520 mm  
⚖ 13.21 kg  
Double Faced



**AB007**

↑ 475 mm  
↔ 315 mm  
⚖ 1.72 kg

**AB007A**

↑ 475 mm  
↔ 315 mm  
⚖ 1.72 kg

**AB008**

↑ 510 mm  
↔ 370 mm  
⚖ 3.08 kg  
Riveted



**AB009**

↑ 800 mm  
↔ 620 mm  
⚖ 8.65 kg  
Riveted



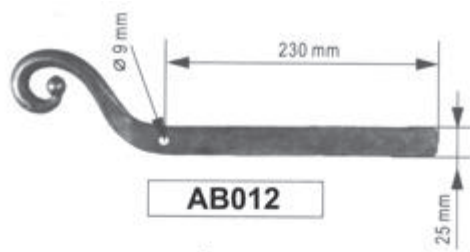
**AB010**

Frame ● 16 mm  
∅ 725 mm  
⚖ 9.91 kg



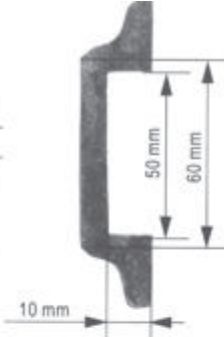
**AB011**

Frame ● 16 mm  
∅ 725 mm  
⚖ 9.91 kg



**AB012**

↓ 85 mm  
↔ 360 mm  
± 6 mm  
± 0.56 kg



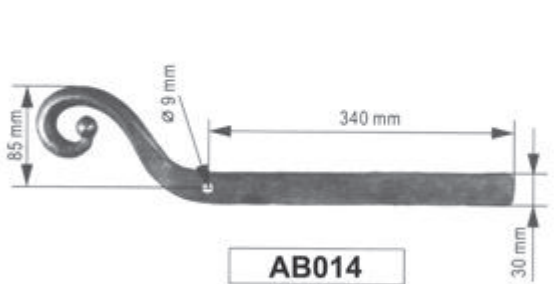
**AB013**

↓ 85 mm  
↔ 20 mm  
± 6 mm  
± 0.04 kg



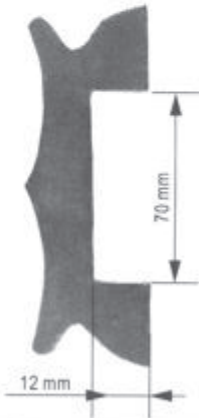
**AB016**

↓ 25 mm  
↔ 70 mm  
± 6 mm  
± 0.04 kg



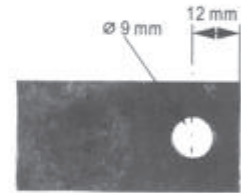
**AB014**

↓ 97 mm  
↔ 500 mm  
± 7 mm  
± 1.12 kg



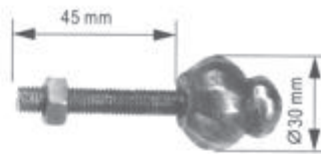
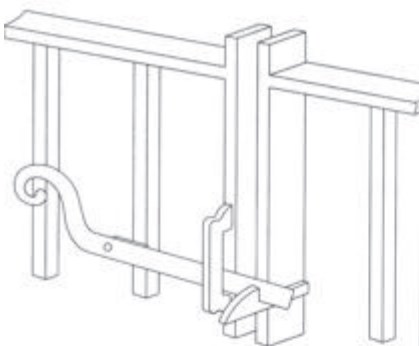
**AB015**

↓ 130 mm  
↔ 45 mm  
± 10 mm  
± 0.25 kg



**AB017**

↓ 25 mm  
↔ 50 mm  
± 6 mm  
± 0.043 kg



**AB018**

M 8 mm  
↔ 70 mm  
± 0.15 kg



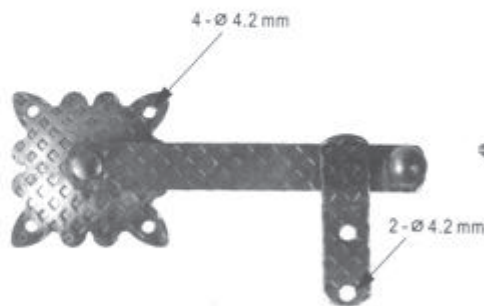
**AB019**

M 8 mm  
↔ 40 mm  
± 0.03 kg



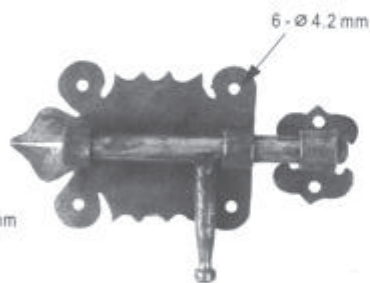
**AB020**

↓ 250 mm  
↔ 100 mm  
± 5 mm  
± 0.64 kg



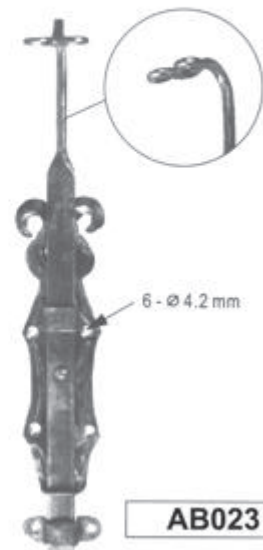
**AB021**

↓ 50 mm  
↔ 135 mm  
± 2 mm  
± 0.10 kg



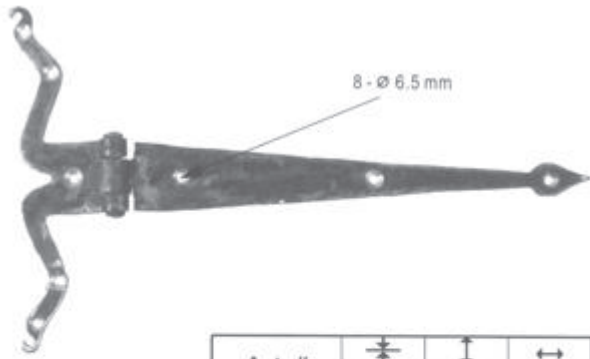
**AB022**

↓ 60 mm  
↔ 90 mm  
± 2 mm  
± 0.15 kg

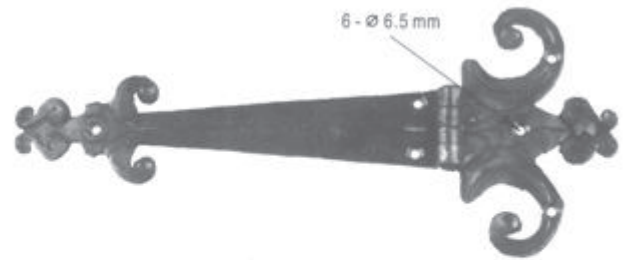


**AB023**

↓ 380 mm  
↔ 75 mm  
± 3 mm  
± 0.70 kg

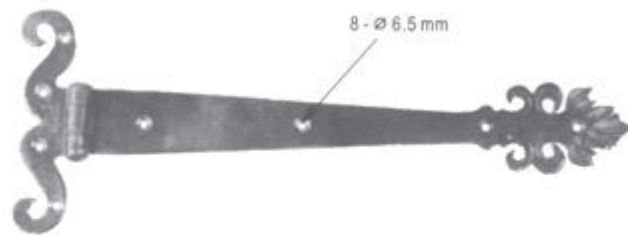


Art. #	⌀	↓	↔	⊕
	mm	mm	mm	kg
415.02.000	3	200	330	0.30
416.02.000	4	270	415	0.58
417.02.000	5	350	525	0.99



**AB024**

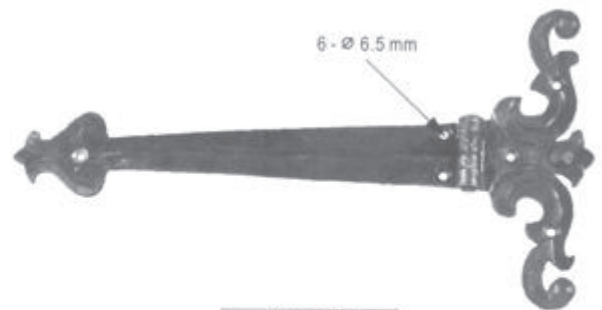
↓ 165 mm  
↔ 400 mm  
⊕ 3 mm  
⊕ 0.73 kg



Art. #	⌀	↓	↔	⊕
	mm	mm	mm	kg
418.02.000	3	135	360	0.31
419.02.000	4	185	490	0.68
420.02.000	5	225	625	1.33



Art. #	⌀	↓	↔	⊕
	mm	mm	mm	kg
421.02.000	3	150	370	0.34
414.02.000	4	220	490	0.69
422.02.000	5	270	580	1.27



**AB025**

↓ 215 mm  
↔ 420 mm  
⊕ 3 mm  
⊕ 0.78 kg





AB026



AB026B



AB027



AB028



AB029



AB030



AB031



AB032



AB033



AB033A



AB034



AB034A



AB035



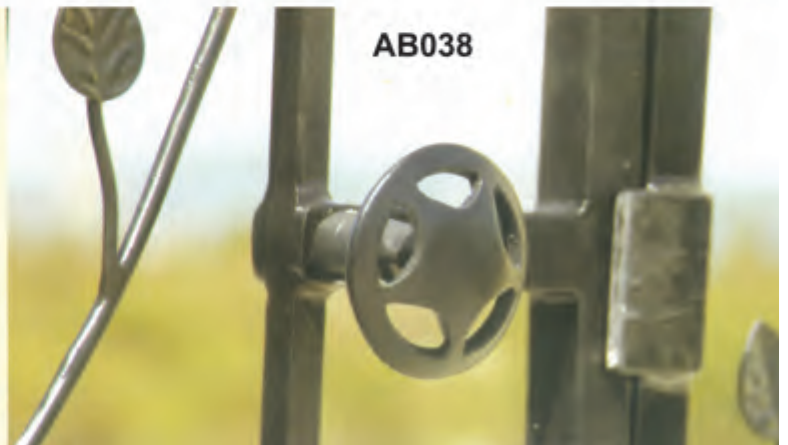
AB036



AB035A



AB037



AB038



AB039



AB040



AB041



AB042



AB043



AB044



AB045



AB046



AB047



AB048



AB049



AB050



AB051



AB052



AB053



AB054



AB055



AB056



**AB057**



**AB058**



**AB059**



**AB060**



**AB061**



**AB062**



**AB063**



**AB064**



**AB065**



AB066



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AB068



AB068B



AB069



AB070



AB071



AB072



AB073



AB074



AB075



AB076



AB078



AB079



AB080



AB081



AB082



AB083



AB084



AB085



AB086



AB087



AB088



AB089



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AB091



AB092



AB093



AB094



AB095



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AB097



AB - 098



AB - 099





**AB - 100**



AB - 101



AB - 102



AB - 103



AB - 104



AB - 105



AB - 106



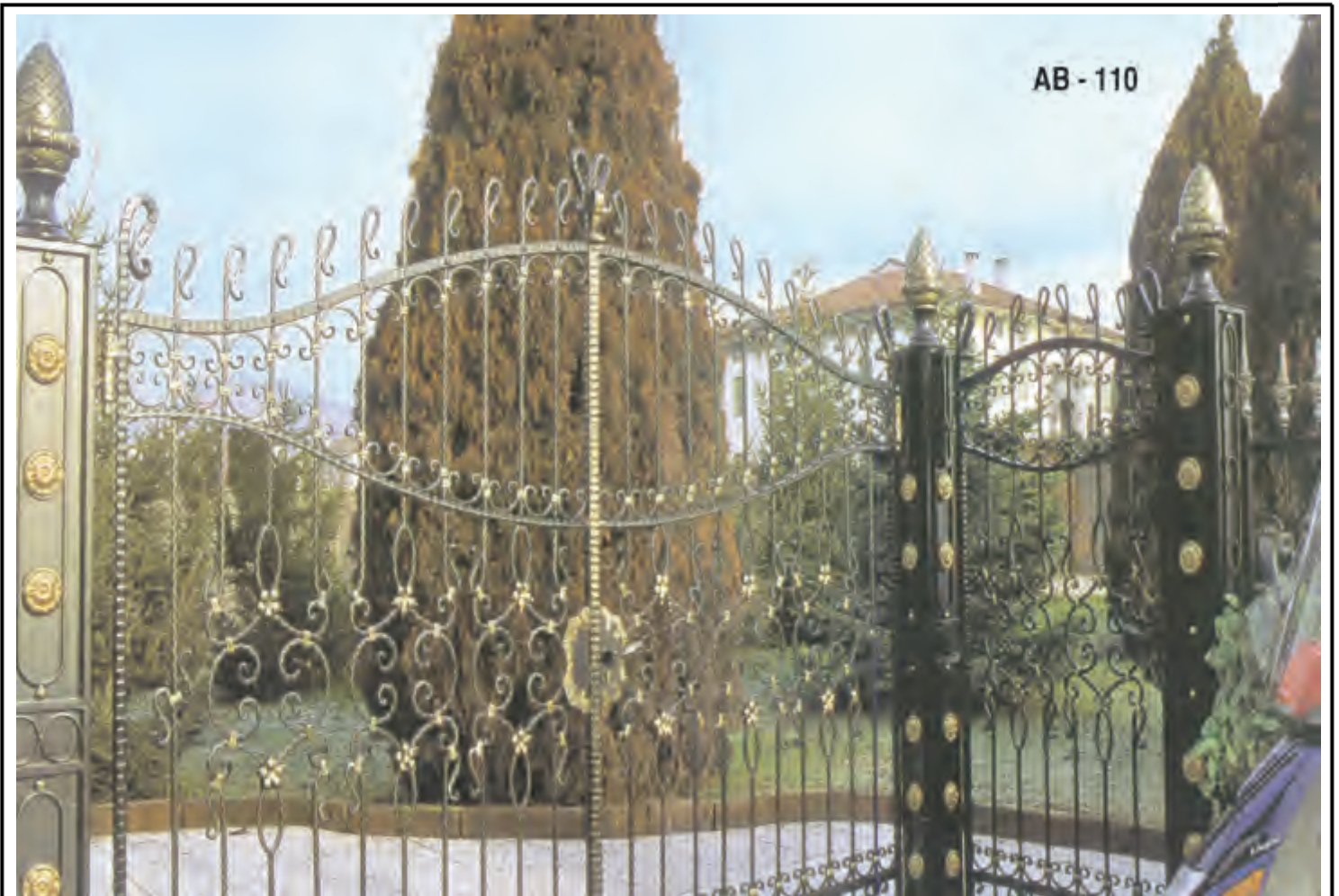
AB - 107



AB - 108



AB - 109



AB - 110



AB - 111

AB - 112



AB-113

AB - 114



AB - 115





AB - 116



AB - 117





AB-118



AB-119



AB-120



**AB-121**



**AB-122**



**AB-123**



**AB-124**



**AB-125**



**AB-126**



**AB-127**



**AB-128**



AB - 129



AB - 130



AB - 131



AB - 132



AB - 133



AB - 134



AB - 135



AB-136



AB-137



AB-138



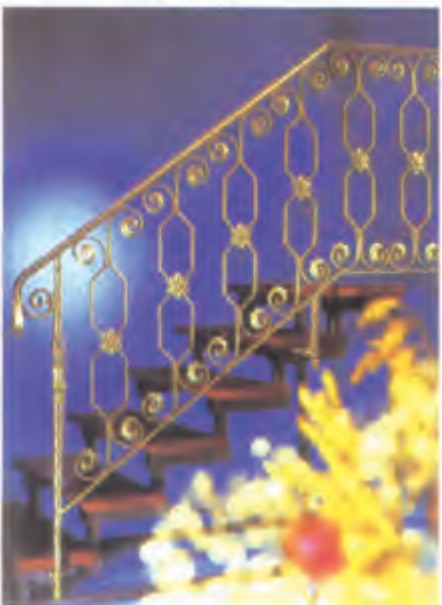
AB-139



AB-140



AB-141



AB-142



AB-143



AB-144



AB-145



AB-146



AB-147



AB-148



AB-149



AB-150



AB-151



AB-152



AB-153





AB-154



AB-155



AB-156



AB-157



AB-158



AB-159



AB-160



AB-161



AB-162



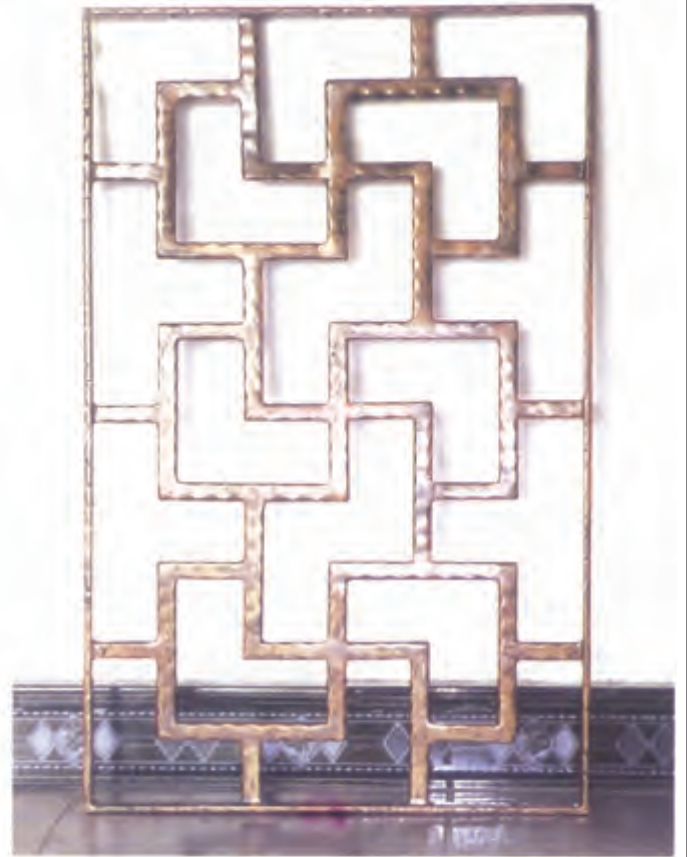
AB-163



AB-164



AB-165



AB-166



AB-167



AB-168



AB-169



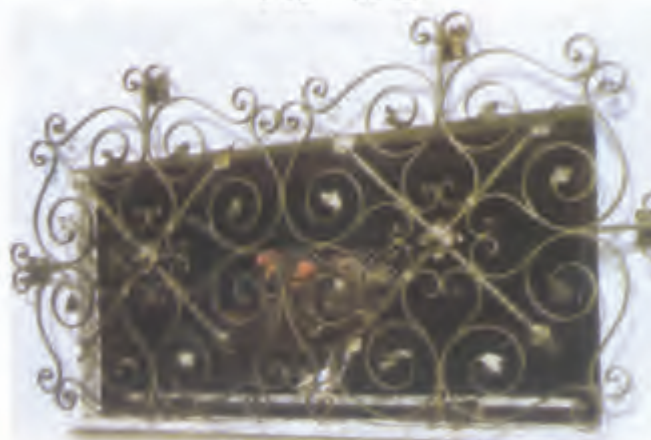
AB-171



AB-172



AB-170



AB-173



AB-174



AB-175



AB-176



AB-177



AB-178



AB-181



AB-179



AB-180



AB-182



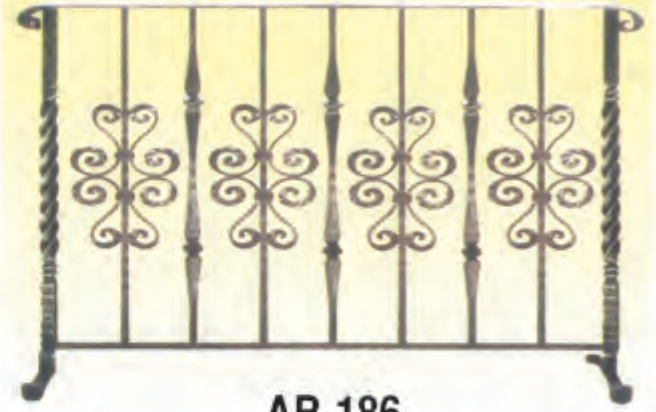
AB - 183



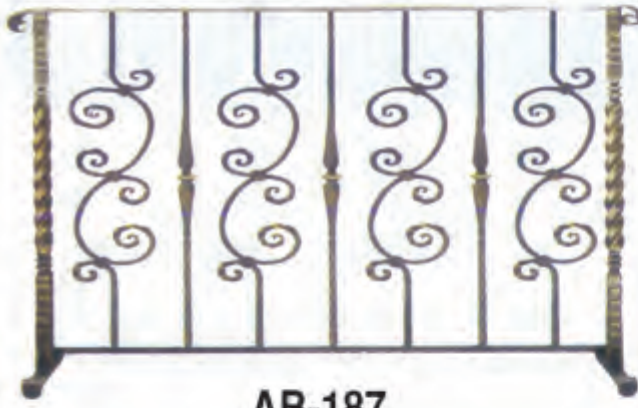
AB-184



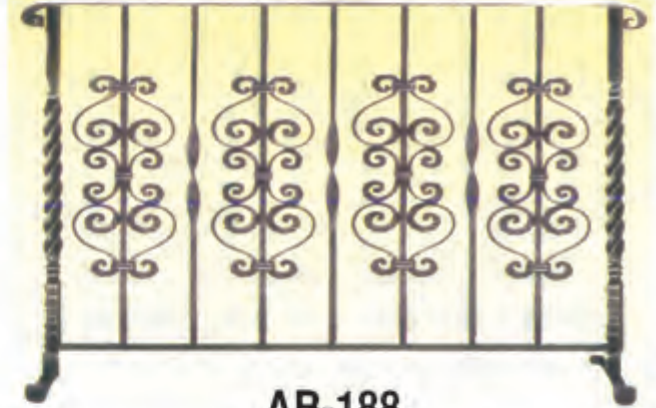
AB-185



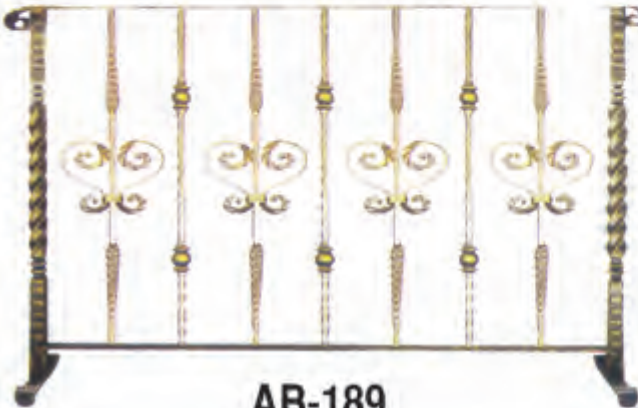
AB-186



AB-187



AB-188



AB-189



AB-190



AB-191





AB-192



AB-193



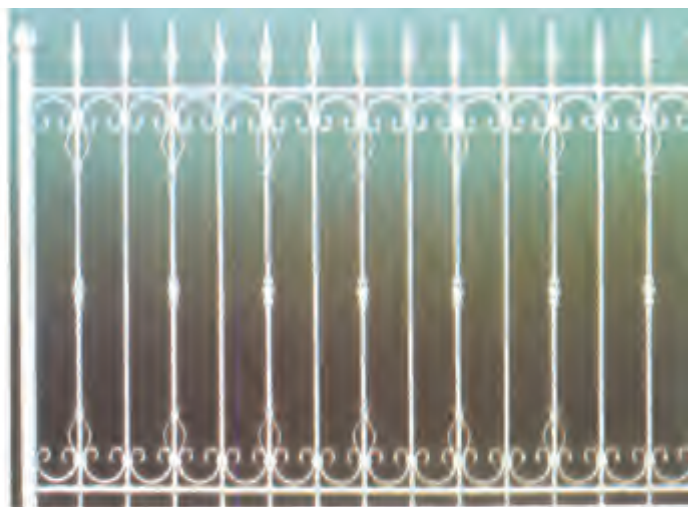
AB-194



AB-195



**AB-196**



**AB-198**



**AB-199**



**AB-197**



**AB-200**



AB-201



AB-202



**AB-203**



**AB-204**





AB-208



AB-209



AB-210



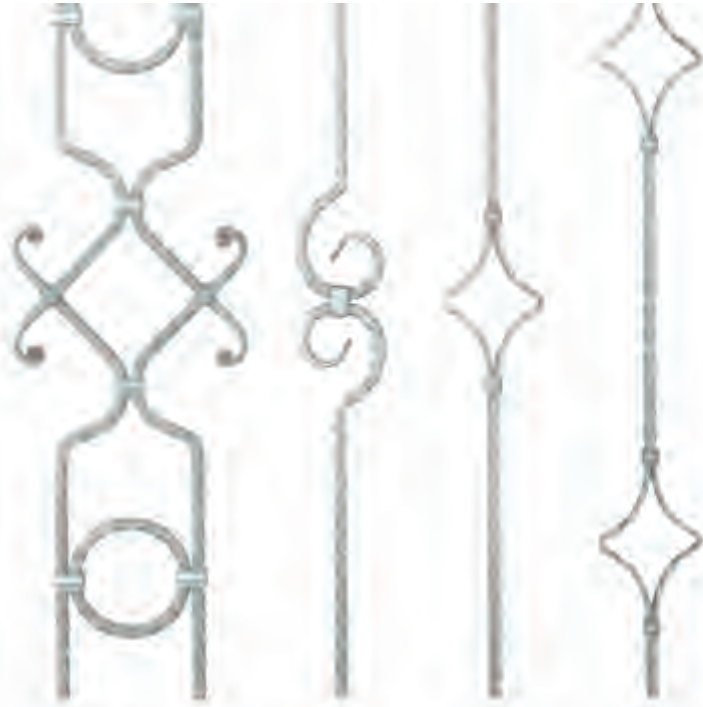
**AB-211**



**AB-212**



**AB-213**



AB-214



AB-215



AB-216

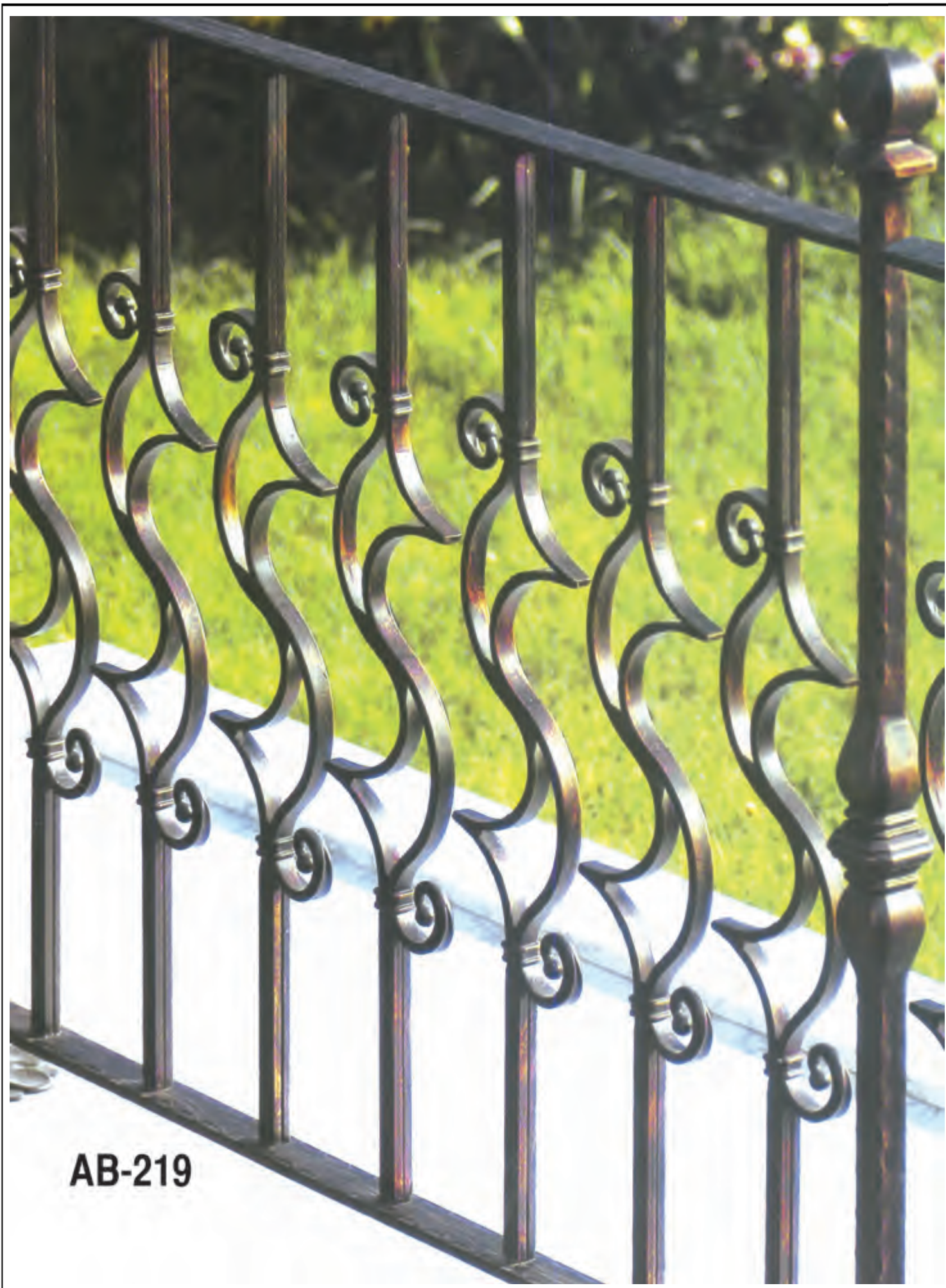




AB-217



AB-218



AB-219



**AB-220**

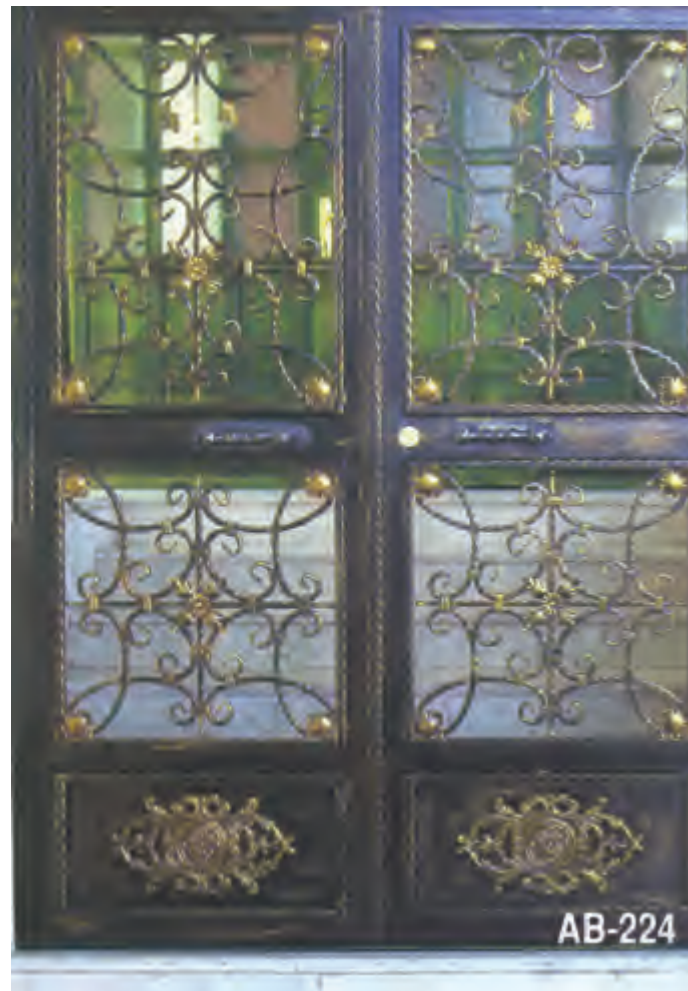




AB-222



AB-223





AB - 226



AB - 227



AB - 228



AB - 229



AB - 230



AB - 231



AB - 232



AB - 233





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AB-247



AB-248



AB-249



AB-250



AB-251



AB-252



AB-253



AB-254



AB-255



AB-256



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AB-260



AB-261



AB-262

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AB-265



AB-266





AB-267



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AB-270



AB-271



**AB-272**





AB-273

AB-274



AB-275



AB-276





AB-277



AB-278



AB-279



مكبس هيدروليكي  
AB-280



مكنة دق  
AB-281



نف كوع  
AB-282



فلش  
AB-283



Angle bending device



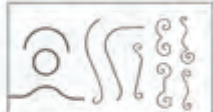
Small round spring bending device



Arc bending device



مكنة لفا عروق  
AB-284



مكنة جدل  
AB-285



مقص حديد  
AB-286



مكنة تمشيط  
AB-287