



# LOGIST SYSTEM

*STALOWE ELEMENTY KUTE*



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sklepu online*

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U nas na stronie internetowej masz możliwość obejrzenia produktu z każdej strony.



***Prezentacje***

wiesz co kupujesz



Rzetelność, profesjonalizm, indywidualne podejście do każdego Klienta, to główne atuty naszej firmy. Na rynku jesteśmy obecni już od ponad 15 lat. Naszą specjalnością jest szeroko pojęte kowalstwo artystyczne. Wykonujemy najwyższej klasy kowalskie elementy kute, blokady parkingowe, akcesoria do ogrodzeń z siatki i paneli, a także regały.

Kowalstwo artystyczne, którym zajmujemy się od lat, to połączenie tradycji z nowoczesnością, to piękno w najczystszej postaci. W swoich pracach stosujemy zarówno wzory własne, jak i tradycyjne, oparte na dawnym kowalstwie, w zależności od Państwa wymagań. Możemy śmiało stwierdzić, że oferowane przez nas wyroby będą ozdobą każdego nowego budynku i pomieszczenia. Zadowolenie naszych Klientów jest najważniejsze, dlatego też starannie wsłuchujemy się w Państwa plany i oczekiwania, a dopiero potem je realizujemy. Dzięki temu wykonywane przez nas produkty zarówno elementy kute, jak i blokady parkingowe są "skrojone" na miarę Państwa potrzeb. Decydując się na współpracę z naszą firmą, macie Państwo gwarancję najwyższej jakości usług. Tak więc, jeśli interesują Państwa wysokiej klasy elementy kute, blokady parkingowe, czy też inne produkty, ogólnie rzecz biorąc, kowalstwo artystyczne - serdecznie zapraszamy!

## Nasza oferta | Our offer:

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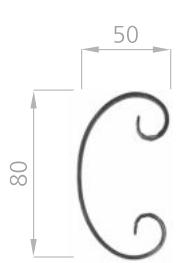


Stalowe elementy kute  
do bram, ogrodzeń i balustrad

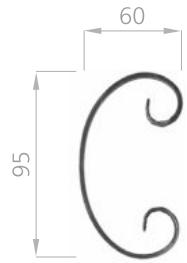


**1.01**

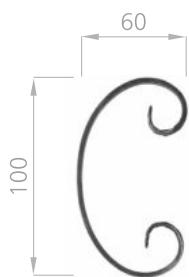
## elementy spiralne • scrolls • Spiralelemente • спиральные элементы • spirálové elementy



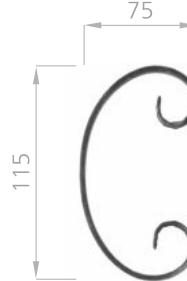
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A	12x6	80	50	<b>10.091</b>



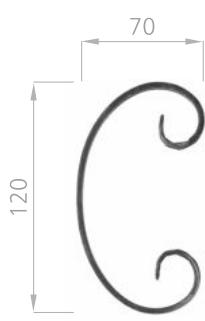
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A	12x6	95	60	<b>10.092</b>



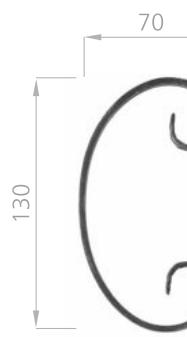
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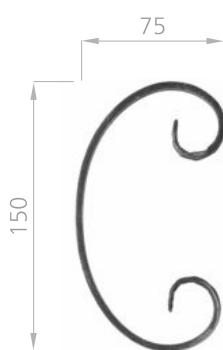
	<input type="checkbox"/>	H	L	Nº
A	12x6	115	75	<b>10.094</b>



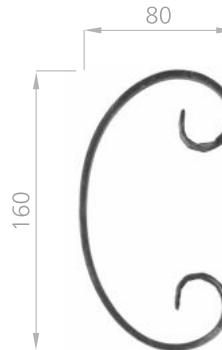
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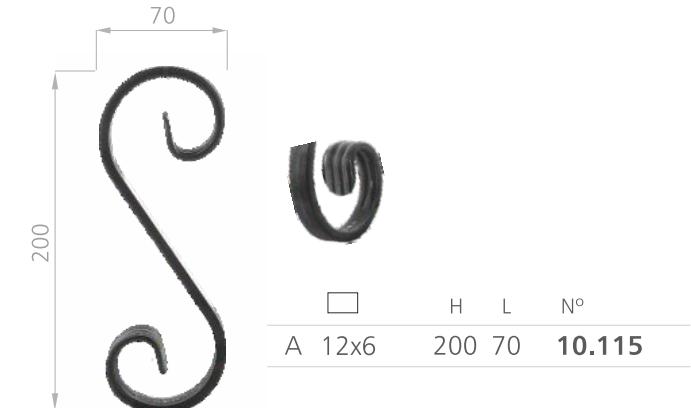
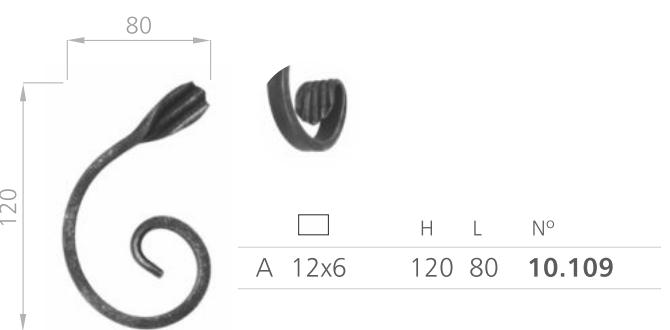
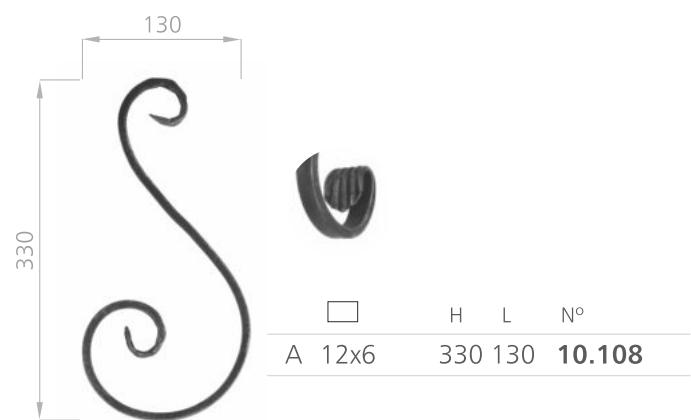
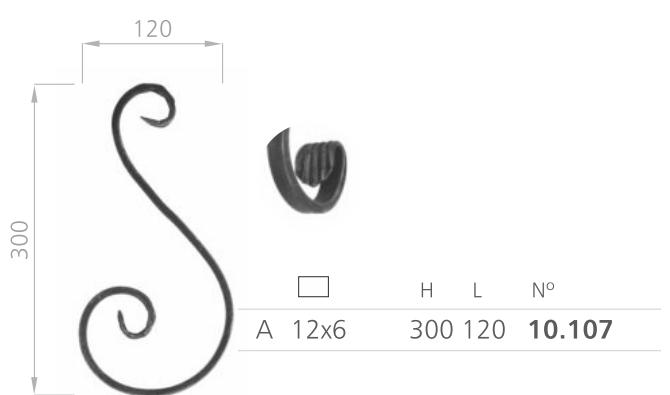
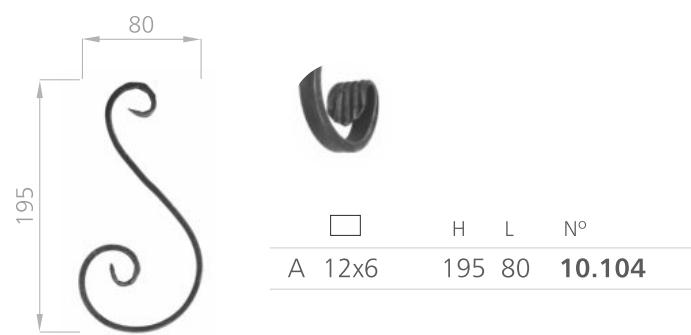
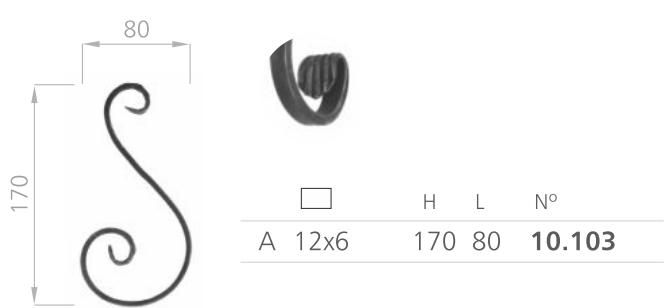
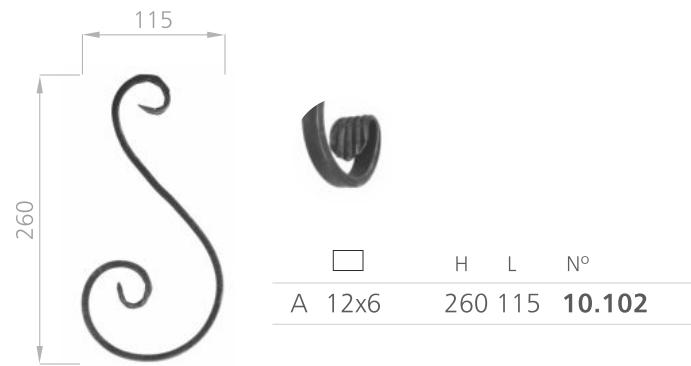
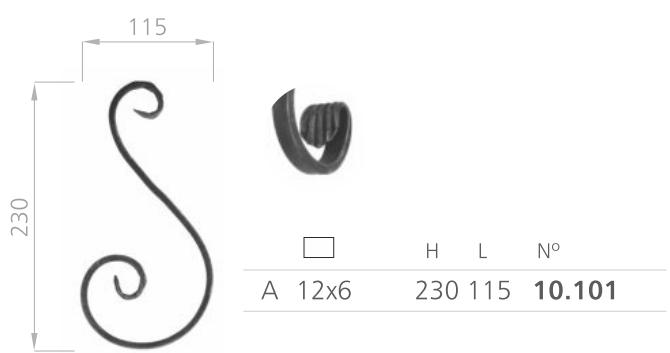
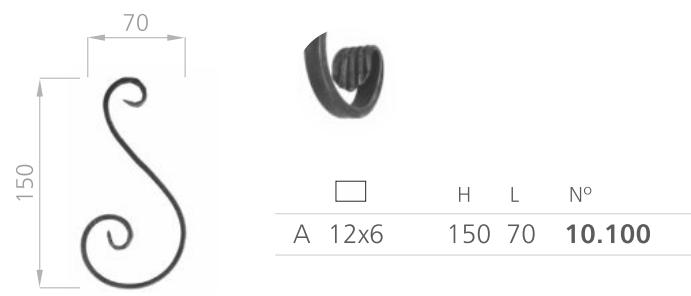
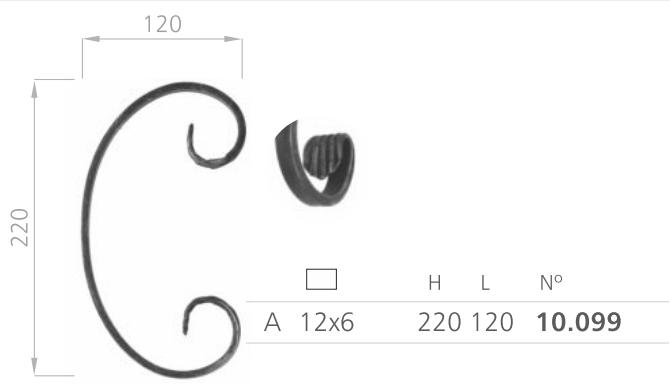
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A	12x6	130	70	<b>10.096</b>

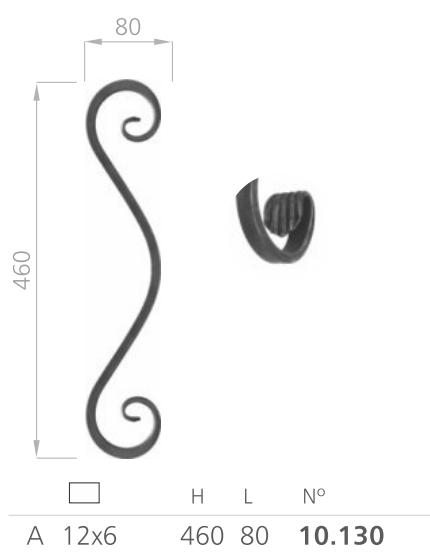
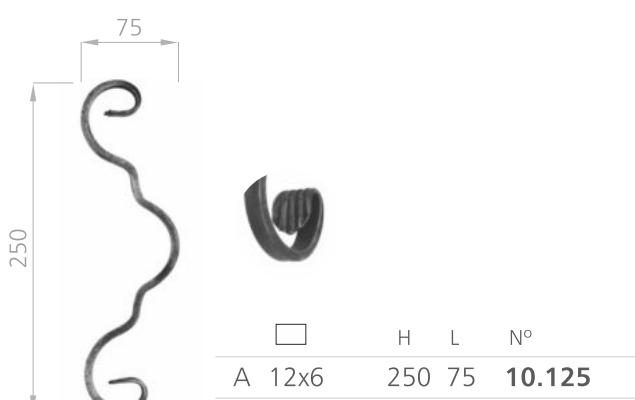
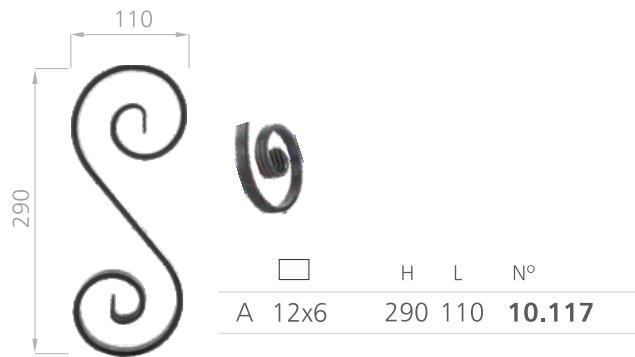
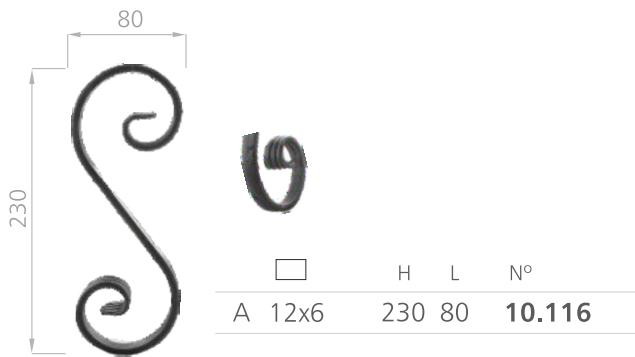


	<input type="checkbox"/>	H	L	Nº
A	12x6	150	75	<b>10.097</b>



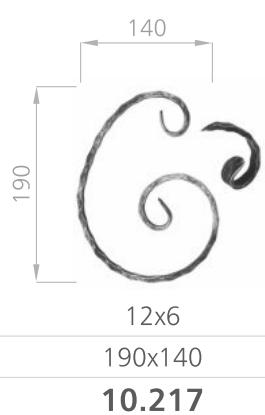
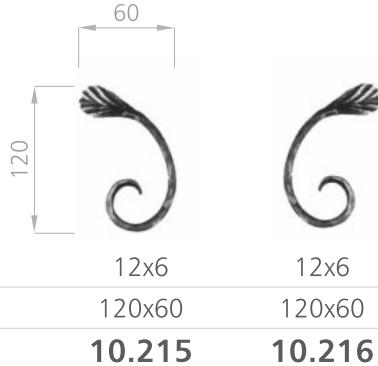
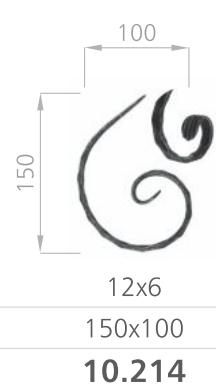
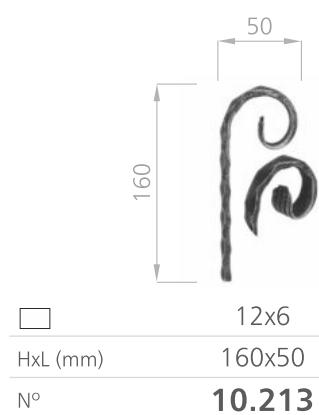
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A	12x6	160	80	<b>10.098</b>





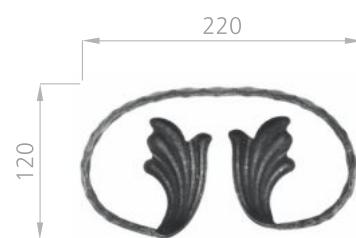
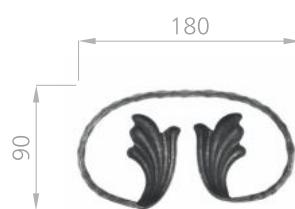
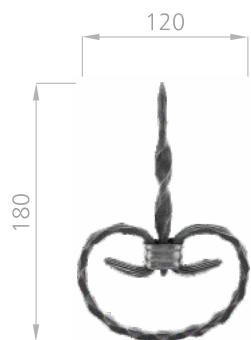
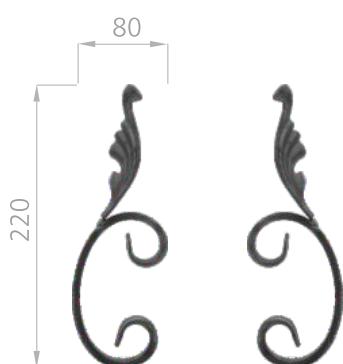
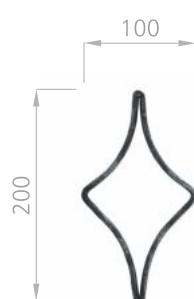
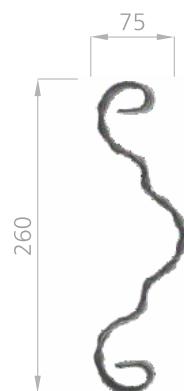
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12x6	80	50	<b>10.200</b>
12x6	100	60	<b>10.201</b>
12x6	120	70	<b>10.202</b>
12x6	130	75	<b>10.203</b>
12x6	160	80	<b>10.204</b>
12x6	220	130	<b>10.205</b>

<input type="checkbox"/>	H	L	Nº
12x6	150	65	<b>10.206</b>
12x6	170	80	<b>10.207</b>
12x6	220	100	<b>10.208</b>
12x6	270	110	<b>10.209</b>
12x6	300	120	<b>10.210</b>
12x6	330	130	<b>10.211</b>





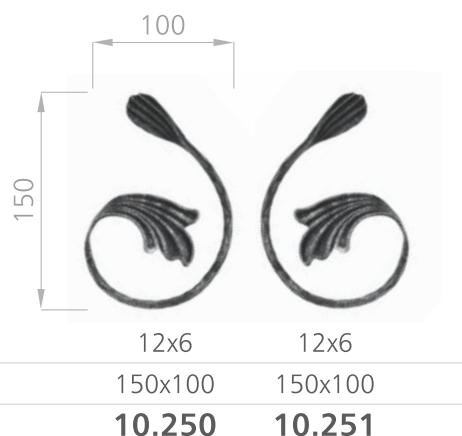
<input type="checkbox"/>	12x6	12x6	12x6	12x6	12x6	12x6
HxL (mm)	260x60	260x75	200x100	220x80	220x80	
Nº	<b>10.220</b>	<b>10.221</b>	<b>10.224</b>	<b>10.225.01</b>	<b>10.225.02</b>	



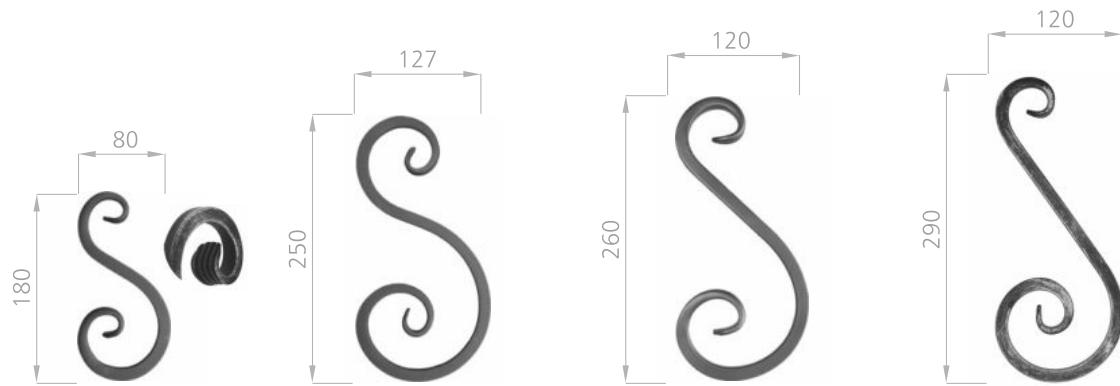
<input type="checkbox"/>	12x6	12x6	12x6
HxL (mm)	180x120	90x180	120x220
Nº	<b>10.226</b>	<b>10.230</b>	<b>10.231</b>



<input type="checkbox"/>	12x6	12x6	12x6	12x6	12x6
HxL (mm)	150x100	150x100	190x140	190x140	320x80
Nº	<b>10.240</b>	<b>10.241</b>	<b>10.242</b>	<b>10.243</b>	<b>10.245</b>



								
HxL (mm)	100x70	120x70	130x80	150x85	190x123	220x130		
□	10x10	new	10x10	new	10x10	new	10x10	new
N°	<b>10.400</b>	<b>10.401</b>	<b>10.402</b>	<b>10.403</b>	<b>10.404</b>	<b>10.405</b>		
HxL (mm)	100x70	120x73	130x80	150x85	190x130	220x130		
□	12x12	12x12	12x12	12x12	12x12	12x12		
N°	<b>10.300</b>	<b>10.301</b>	<b>10.302</b>	<b>10.303</b>	<b>10.304</b>	<b>10.305</b>		
HxL (mm)	100x70	120x73	130x80	150x85	190x130	220x128		
□	14x14	14x14	14x14	14x14	14x14	14x14		
N°	<b>10.500</b>	<b>10.501</b>	<b>10.502</b>	<b>10.503</b>	<b>10.504</b>	<b>10.505</b>		



HxL (mm)	180x80	250x127	260x120	290x120				
□	10x10	new	10x10	new	10x10	new	10x10	new
N°	<b>10.410</b>	<b>10.411</b>	<b>10.412</b>	<b>10.413</b>				
□	12x12	12x12	12x12	12x12	12x12	12x12		
N°	<b>10.310</b>	<b>10.311</b>	<b>10.312</b>	<b>10.313</b>				
□	14x14	14x14	14x14	14x14	14x14	14x14		
N°	<b>10.510</b>	<b>10.511</b>	<b>10.512</b>	<b>10.513</b>				

						
HxL (mm)	200x80	300x100	360x120			
□	10x10	new	10x10	new	10x10	new
N°	<b>10.415</b>	<b>10.416</b>	<b>10.417</b>			
HxL (mm)	200x90	300x100	360x120			
□	12x12	12x12	12x12			
N°	<b>10.315</b>	<b>10.316</b>	<b>10.317</b>			
□	14x14	14x14	14x14			
N°	<b>10.515</b>	<b>10.516</b>	<b>10.517</b>			

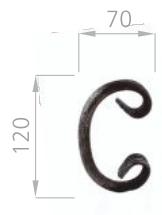
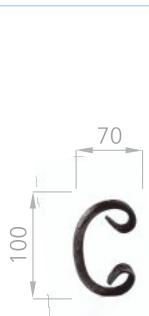




HxL (mm)	125x65	125x65	175x95	175x95
<input type="checkbox"/>	10x10	10x10	10x10	10x10
Nº	<b>10.420</b>	<b>10.421</b>	<b>10.422</b>	<b>10.423</b>
<input type="checkbox"/>	12x12	12x12	12x12	12x12
Nº	<b>10.320</b>	<b>10.321</b>	<b>10.322</b>	<b>10.323</b>
<input type="checkbox"/>	14x14	14x14	14x14	14x14
Nº	<b>10.520</b>	<b>10.521</b>	<b>10.522</b>	<b>10.523</b>



HxL (mm)	280x80	450x90	150x80
<input type="checkbox"/>	10x10	10x10	10x10
Nº	<b>10.428</b>	<b>10.430</b>	<b>10.440</b>
HxL (mm)	280x8	450x90	170x100
<input type="checkbox"/>	12x12	12x12	12x12
Nº	<b>10.328</b>	<b>10.330</b>	<b>10.340</b>
HxL (mm)	280x8	450x90	170x100
<input type="checkbox"/>		14x14	14x14
Nº		<b>10.530</b>	<b>10.540</b>



HxL (mm)	100x70	120x70	130x80	150x85	190x130	220x130
<input checked="" type="checkbox"/>	Fi 10					
Nº	<b>10.601</b>	<b>10.602</b>	<b>10.603</b>	<b>10.604</b>	<b>10.605</b>	<b>10.606</b>
<input checked="" type="checkbox"/>	Fi 12					
Nº	<b>10.611</b>	<b>10.612</b>	<b>10.613</b>	<b>10.614</b>	<b>10.615</b>	<b>10.616</b>
<input checked="" type="checkbox"/>	Fi 14					
Nº	<b>10.621</b>	<b>10.622</b>	<b>10.623</b>	<b>10.624</b>	<b>10.625</b>	<b>10.626</b>



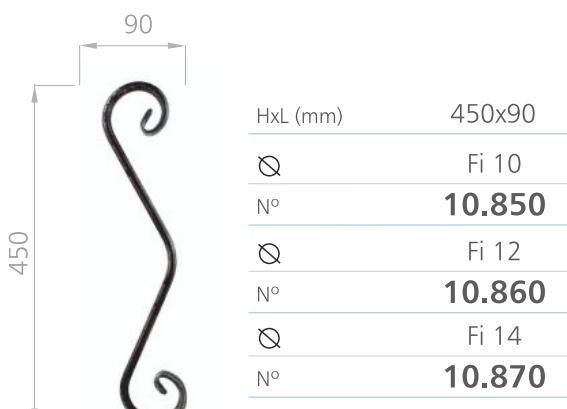
HxL (mm)	180x80	250x127	260x120	290x120
Q	Fi 10	Fi 10	Fi 10	Fi 10
N°	<b>10.631</b>	<b>10.632</b>	<b>10.633</b>	<b>10.634</b>
Q	Fi 12	Fi 12	Fi 12	Fi 12
N°	<b>10.641</b>	<b>10.642</b>	<b>10.643</b>	<b>10.644</b>
Q	Fi 14	Fi 14	Fi 14	Fi 14
N°	<b>10.651</b>	<b>10.652</b>	<b>10.653</b>	<b>10.654</b>



HxL (mm)	200x90	300x100	360x120
Q	Fi 10	Fi 10	Fi 10
N°	<b>10.670</b>	<b>10.671</b>	<b>10.672</b>
Q	Fi 12	Fi 12	Fi 12
N°	<b>10.680</b>	<b>10.681</b>	<b>10.682</b>
Q	Fi 14	Fi 14	Fi 14
N°	<b>10.690</b>	<b>10.691</b>	<b>10.692</b>



HxL (mm)	125x65	125x65	175x95	175x95
Q	Fi 10	Fi 10	Fi 10	Fi 10
N°	<b>10.821</b>	<b>10.822</b>	<b>10.823</b>	<b>10.824</b>
Q	Fi 12	Fi 12	Fi 12	Fi 12
N°	<b>10.831</b>	<b>10.832</b>	<b>10.833</b>	<b>10.834</b>
Q	Fi 14	Fi 14	Fi 14	Fi 14
N°	<b>10.841</b>	<b>10.842</b>	<b>10.843</b>	<b>10.844</b>



∅320		
∅100	∅120	∅320
∅	Fi 10	Fi 10
N°	<b>10.871</b>	<b>10.872</b>
∅	Fi 12	Fi 12
N°	<b>10.881</b>	<b>10.882</b>
∅	Fi 14	Fi 14
N°	<b>10.891</b>	<b>10.892</b>
		<b>10.893</b>

□	12x6	12x6	12x6	12x6
HxL (mm)	∅100	∅120	∅100	∅120
N°	<b>11.031</b>	<b>11.032</b>	<b>11.041</b>	<b>11.042</b>

□	12x6 <i>new</i>				
HxL (mm)	80x80	100x100	190x100	190x120	100x115
N°	<b>11.051</b>	<b>11.052</b>	<b>11.061</b>	<b>11.062</b>	<b>11.091</b>

□	12x6	12x6	12x6	12x6
∅ (mm)	∅100	∅120	∅100	∅120
N°	<b>11.231</b>	<b>11.232</b>	<b>11.241</b>	<b>11.242</b>

HxL (mm)	∅ 80	∅100	∅120
□	10x10 <i>new</i>	10x10 <i>new</i>	10x10 <i>new</i>
N°	<b>11.430</b>	<b>11.431</b>	<b>11.432</b>
□	12x12	12x12	12x12
N°	<b>11.330</b>	<b>11.331</b>	<b>11.332</b>

HxL (mm)	∅ 80	∅105	∅125
□	14x14	14x14	14x14
N°	<b>11.530</b>	<b>11.531</b>	<b>11.532</b>

	80	300		80	300		80	300		80	300		80	300
□	10x10		10x10			12x12			12x12			14x14		14x14
HxL (mm)	300x80		300x80			300x80			300x80			300x80		300x80
Nº	<b>11.600</b>		<b>11.601</b>			<b>11.602</b>			<b>11.603</b>			<b>11.604</b>		<b>11.605</b>

## 1.02

**koszyki • baskets • Körbe • корзины • košíky**

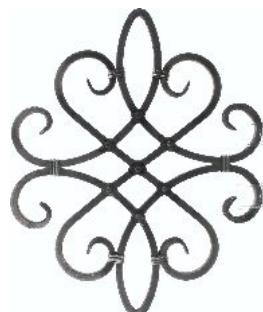
	70	70		45	120		60	130		65	130		65	145	
□	6x6		10x10			12x12			14x14			16x16			
HxL (mm)	70x70		120x45			130x60			130x65			145x65			
Nº	<b>12.010</b>		<b>12.079</b>			<b>12.080</b>			<b>12.081</b>			<b>12.082</b>		<b>12.083</b>	
															<b>12.084</b>

	55	130		70	150		50	190		75	150		63	330
□	12x12		12x12			12x12			12x12			15x15		
HxL (mm)	130x55		150x70			190x50			150x75					
Nº	<b>12.111</b>		<b>12.112</b>			<b>12.113</b>			<b>12.115</b>					

	L	H	Nº		85	160		85	210		50	200		50	330
□	18x18	190	120	<b>12.118</b>			□	16x16		16x16			12x12		
HxL (mm)	190x120						HxL (mm)	160x85		210x85			200x50		330x63
Nº	<b>12.121</b>						Nº	<b>12.130</b>		<b>12.131</b>			<b>12.148</b>		<b>12.150</b>
18x21	190	115	<b>12.124</b>												

**1.03**
**rozety • rosettes • Rosetten • розетки • rozety**

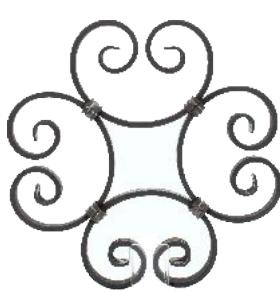

<input type="checkbox"/>	10x10
HxL (mm)	530x420
Nº	<b>12.800</b>



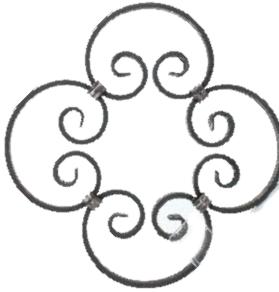
<input type="checkbox"/>	12x12
HxL (mm)	530x420
Nº	<b>12.801</b>



<input type="checkbox"/>	12x6
HxL (mm)	340x280
Nº	<b>12.802</b>



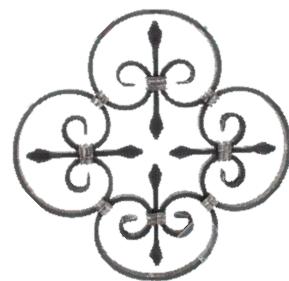
<input type="checkbox"/>	12x6
HxL (mm)	265x265
Nº	<b>12.803</b>



<input type="checkbox"/>	12x6
HxL (mm)	310x310
Nº	<b>12.804</b>



<input type="checkbox"/>	12x6
HxL (mm)	265x265
Nº	<b>12.805</b>



<input type="checkbox"/>	12x6
HxL (mm)	310x310
Nº	<b>12.806</b>

<input type="checkbox"/>	12x6
HxL (mm)	335x335
Nº	<b>12.803.01</b>

<input type="checkbox"/>	12x6
HxL (mm)	385x385
Nº	<b>12.804.01</b>

<input type="checkbox"/>	12x6
HxL (mm)	335x335
Nº	<b>12.805.01</b>

<input type="checkbox"/>	12x6
HxL (mm)	385x385
Nº	<b>12.806.01</b>

<input type="checkbox"/>	12x6
HxL (mm)	400x400
Nº	<b>12.803.02</b>

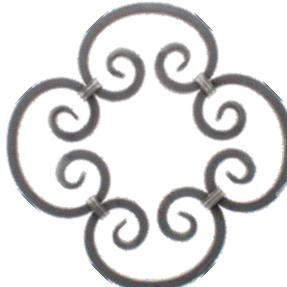
<input type="checkbox"/>	12x6
HxL (mm)	470x470
Nº	<b>12.804.02</b>

<input type="checkbox"/>	12x6
HxL (mm)	400x400
Nº	<b>12.805.02</b>

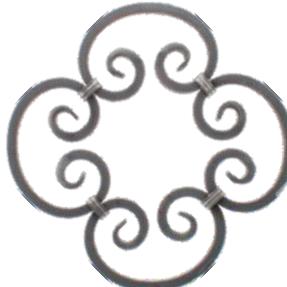
<input type="checkbox"/>	12x6
HxL (mm)	470x470
Nº	<b>12.806.02</b>



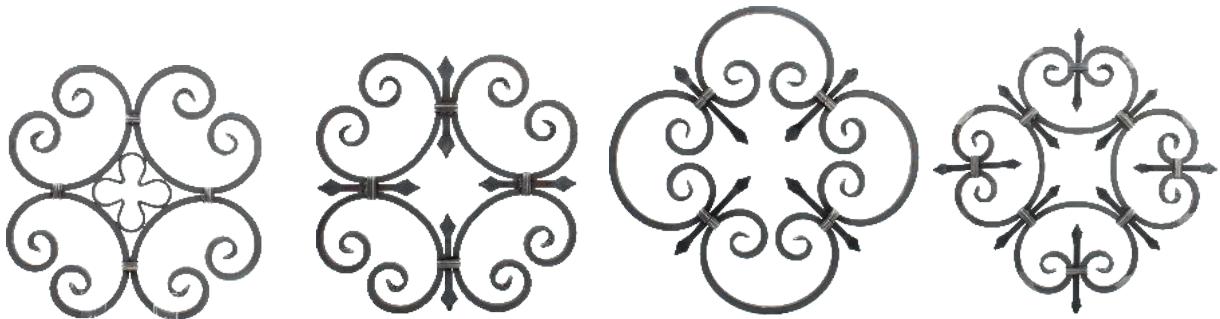
<input type="checkbox"/>	12x12
HxL (mm)	325x325
Nº	<b>12.807</b>



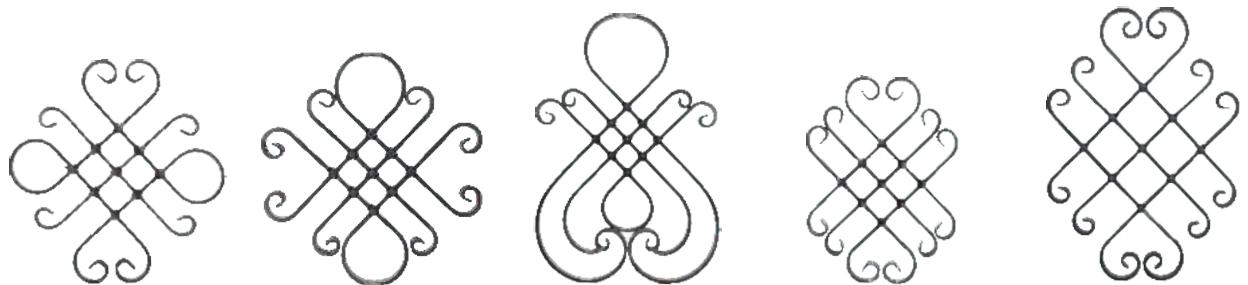
<input type="checkbox"/>	12x12
HxL (mm)	380x380
Nº	<b>12.808</b>



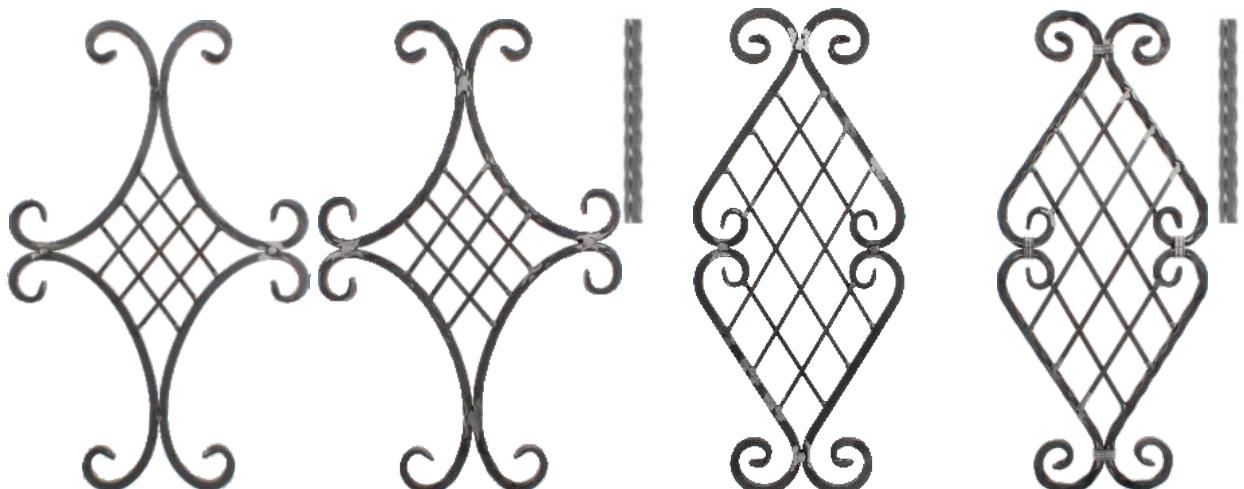
<input type="checkbox"/>	12x12
HxL (mm)	490x490
Nº	<b>12.808.01</b>



<input type="checkbox"/>	12x12	12x12	12x12	12x12
HxL (mm)	420x420	430x430	500x500	430x430
Nº	<b>12.809</b>	<b>12.810</b>	<b>12.811</b>	<b>12.812</b>



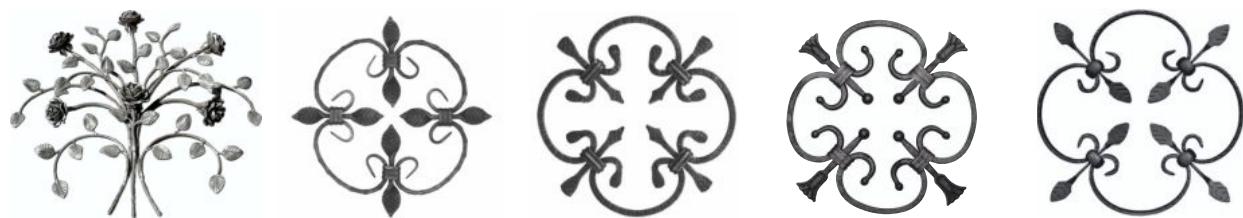
<input type="checkbox"/>	11x5	16x8	16x8	11x5	16x8
HxL (mm)	290x290	400x410	570x400	300x220	440-580x380-620
Nº	<b>12.813</b>	<b>12.814</b>	<b>12.815</b>	<b>12.816</b>	<b>12.817</b>



<input type="checkbox"/>	12x12	12x12	12x12	12x12
HxL (mm)	680x420	680x420	680x290	680x290
Nº	<b>12.820</b>	<b>12.821</b>	<b>12.823</b>	<b>12.824</b>



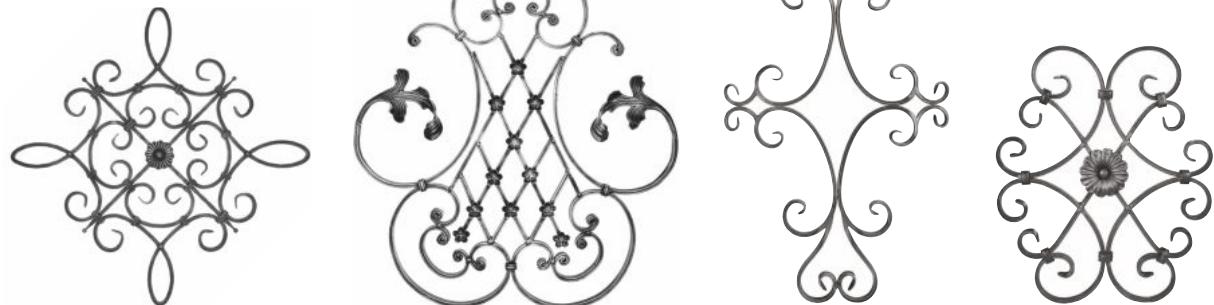
<input type="checkbox"/>	12x6	12x12	12x12	12x12	12x6	12x6
HxL (mm)	400x310	310x250	600x520	600x520	330x160	205x205
Nº	<b>12.825</b>	<b>12.900</b>	<b>12.901</b>	<b>12.902</b>	<b>12.903</b>	<b>12.904</b>



<input type="checkbox"/>	Fi 8	12x6	8x8	8x8	20x4
HxL (mm)	600x600	240x240	250x250	240x240	250x250
Nº	<b>12.905</b>	<b>13.000</b>	<b>13.003</b>	<b>13.004</b>	<b>13.005</b>



<input type="checkbox"/>	12x12/12x6	10x5	12x6	12x6	12x6
HxL (mm)	375x300	250x250	300x300	340x340	640x640
Nº	<b>13.006</b>	<b>13.007</b>	<b>13.008</b>	<b>13.009</b>	<b>13.010</b>



<input type="checkbox"/>	12x12	16x8	16x8	16x8
HxL (mm)	660x660	710x640	800x450	480x410
Nº	<b>13.011</b>	<b>13.012</b>	<b>13.015</b>	<b>13.016</b>



16x8  
 HxL (mm) 800x440  
 N° 13.017

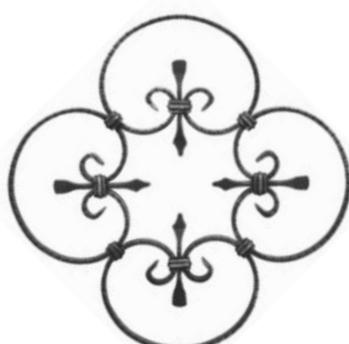


12x12  
 HxL (mm) 530x430  
 N° 13.018

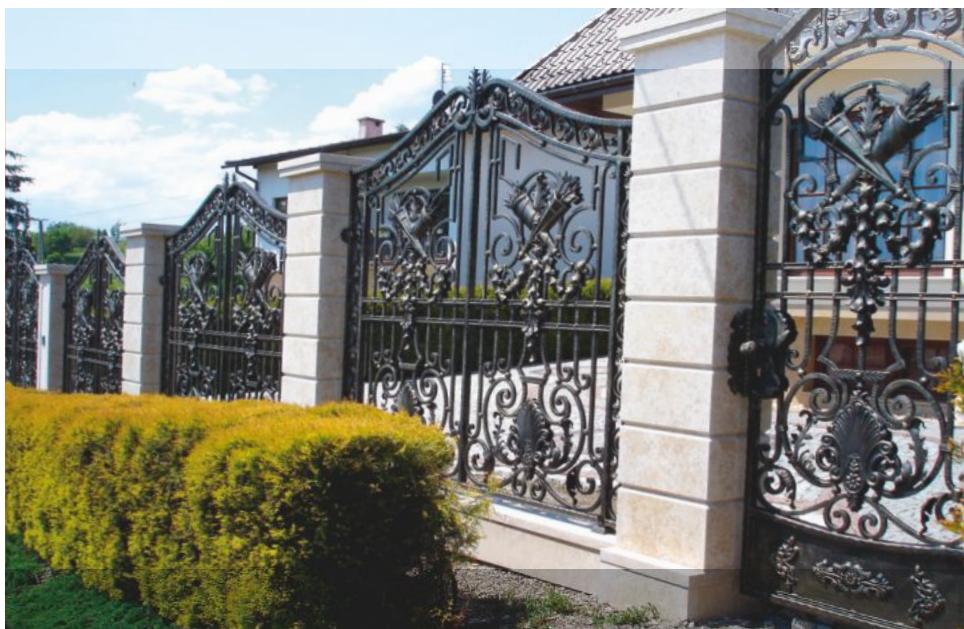
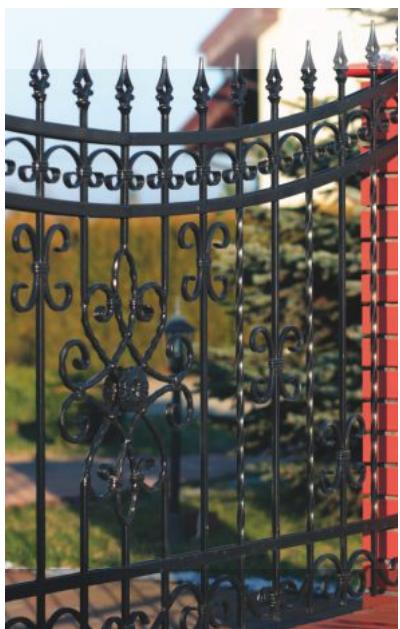
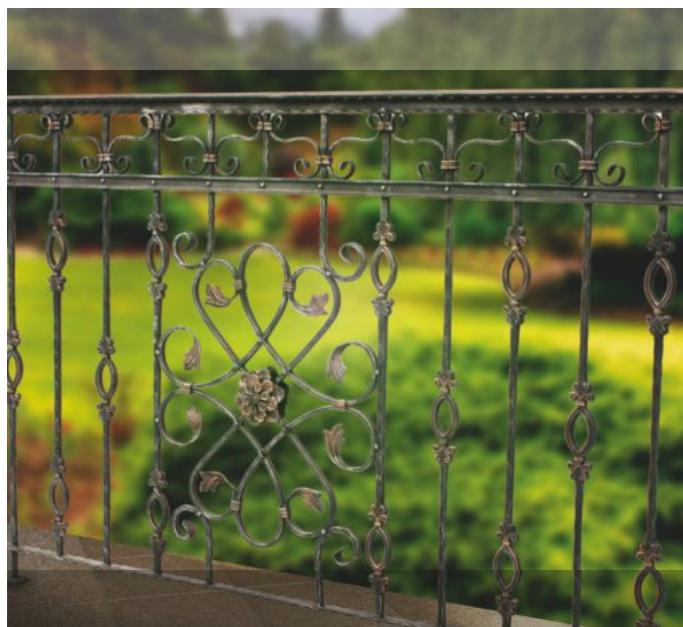
Ø13  
 530x430  
**13.018.01**

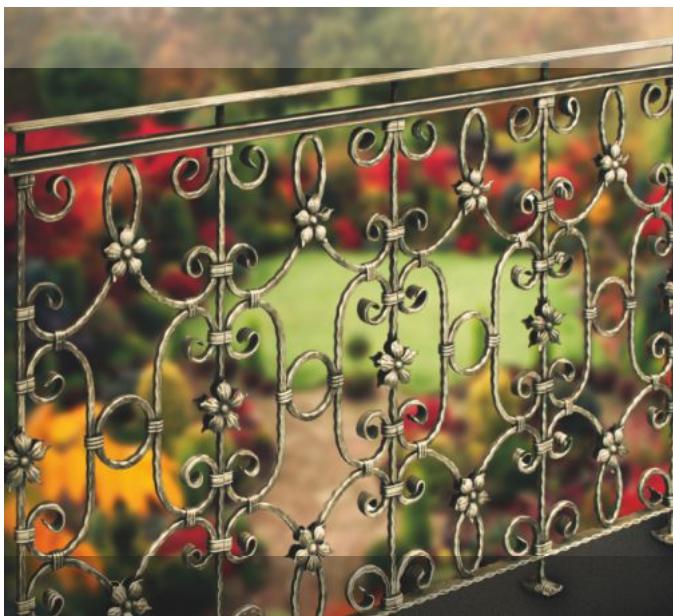


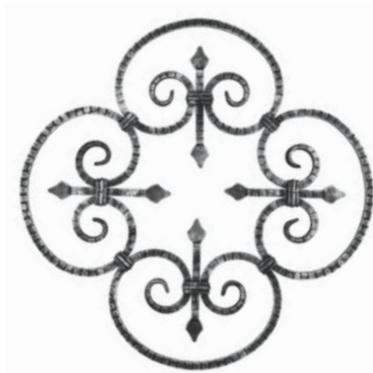
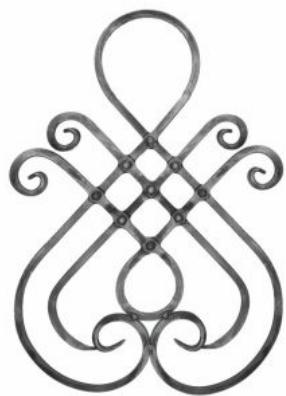
10x10  
 HxL (mm) 530x420  
 N° 13.018.02



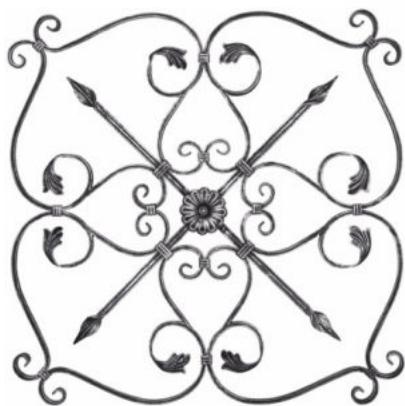
10x5  
 380x380  
**13.020**







<input type="checkbox"/>	12x12	12x12	16x8
HxL (mm)	630x460	590x590	590x510
Nº	<b>13.023</b>	<b>13.025</b>	<b>13.026</b>



<input type="checkbox"/>	16x8	16x8	12x12
HxL (mm)	800x800	800x700	900x385
Nº	<b>13.028</b>	<b>13.029</b>	<b>13.030</b>



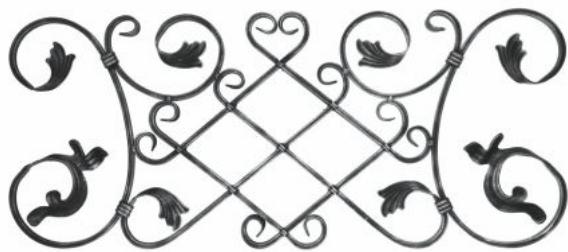
<input type="checkbox"/>	12x12
HxL (mm)	560x400
Nº	<b>13.032</b>



<input type="checkbox"/>	12x12	12x12	12x12	12x12
HxL (mm)	600x370	510x690	480x320	480x250
Nº	<b>13.033</b>	<b>13.034</b>	<b>13.035</b>	<b>13.036</b>



<input type="checkbox"/>	12x12	12x12	12x12	12x12
HxL (mm)	450x340	500x250	440x350	400x300
Nº	<b>13.037</b>	<b>13.038</b>	<b>13.040</b>	<b>13.041</b>

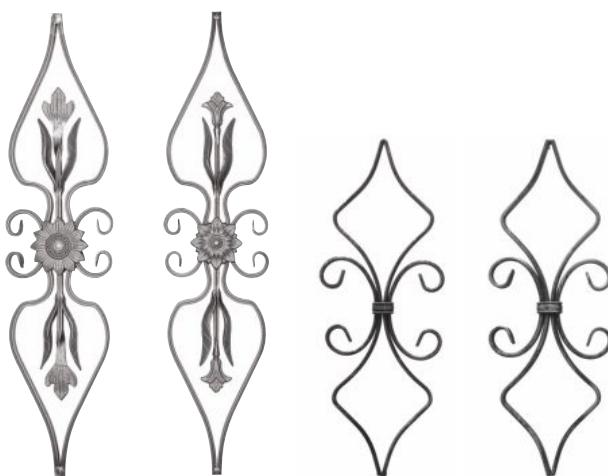


<input type="checkbox"/>	16x8	16x8	16x8
HxL (mm)	370x880	800x275	800x300
Nº	<b>13.042</b>	<b>13.044</b>	<b>13.045</b>

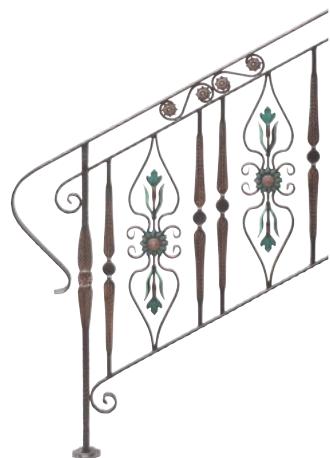


<input type="checkbox"/>	16x8	16x8	16x8
HxL (mm)	530x300	870x870	800x270
Nº	<b>13.048</b>	<b>13.056</b>	<b>13.057</b>

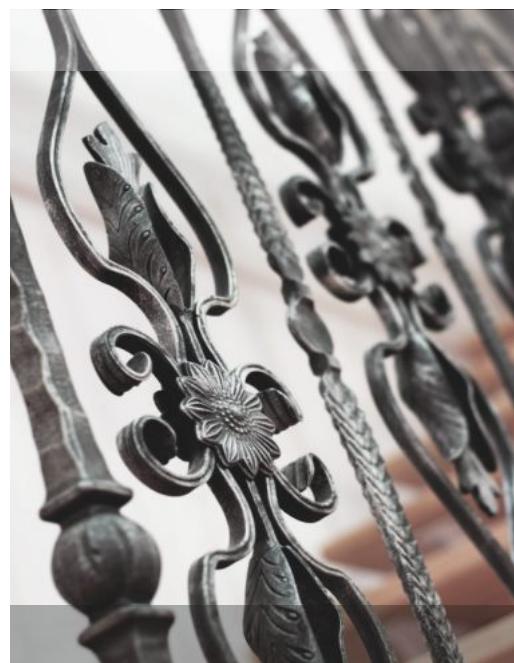




<input type="checkbox"/>	16x8	16x8	10x5	12x6
HxL (mm)	800x180	800x180	410x165	410x165
Nº	<b>13.058</b>	<b>13.059</b>	<b>13.060</b>	<b>13.061</b>



<input type="checkbox"/>	12x6	12x6
HxL (mm)	230x740	230x740
Nº	<b>13.067</b>	<b>13.068</b>



więcej realizacji na:  
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<input type="checkbox"/>	12x6
HxL (mm)	220x1200
Nº	<b>13.070</b>



<input type="checkbox"/>	16x8	16x8
HxL (mm)	380x1500	380x1500
Nº	<b>13.071</b>	<b>13.072</b>



<input type="checkbox"/>	16x8	16x8
HxL (mm)	330x1270	330x1270
Nº	<b>13.073</b>	<b>13.074</b>



<input type="checkbox"/>	16x8
HxL (mm)	170x970
Nº	<b>13.090</b>



<input type="checkbox"/>	16x8
HxL (mm)	135x950
Nº	<b>13.091</b>



<input type="checkbox"/>	Ø12
HxL (mm)	170x970
Nº	<b>13.092</b>



<input type="checkbox"/>	4
HxL (mm)	100x1160
Nº	<b>13.093</b>



<input type="checkbox"/>	4
HxL (mm)	100x1160
Nº	<b>13.094</b>



<input type="checkbox"/>	4
HxL (mm)	90x1150
Nº	<b>13.096</b>



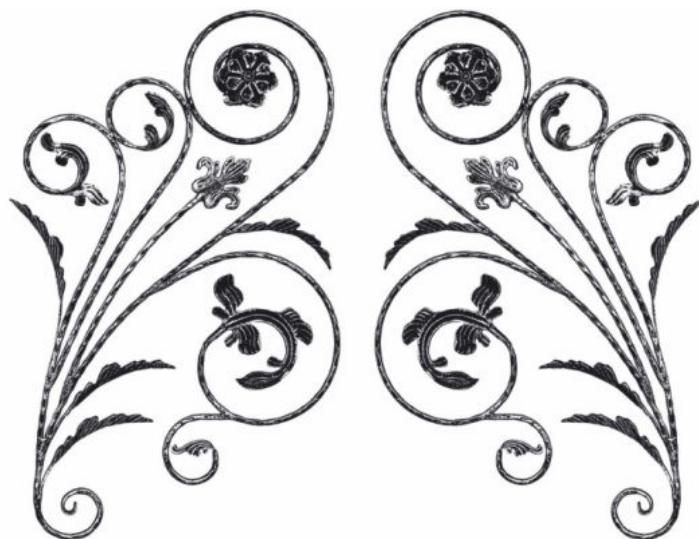
<input type="checkbox"/>	4
HxL (mm)	120x1183
Nº	<b>13.097</b>



<input type="checkbox"/>	Ø12
HxL (mm)	940x500
Nº	<b>13.081</b>



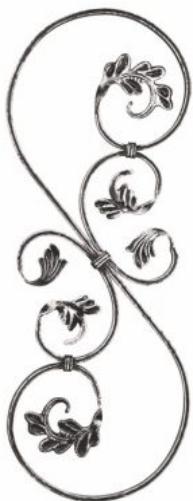
<input type="checkbox"/>	Ø12
HxL (mm)	940x500
Nº	<b>13.082</b>



<input type="checkbox"/>	Ø12	Ø12
HxL (mm)	1080x600	1080x600
Nº	<b>13.100</b>	<b>13.101</b>



<input type="checkbox"/>	Ø12	Ø12	Ø12	Ø12
HxL (mm)	880x750	880x750	880x600	880x600
Nº	<b>13.104</b>	<b>13.105</b>	<b>13.106</b>	<b>13.107</b>



16x8

HxL (mm)

800x300

Nº

**13.111**

16x8

800x300

**13.112**

16x8

610x700

**13.190**

16x8

HxL (mm)

400x800

Nº

**13.191**

16x8

HxL (mm)

400x1000

Nº

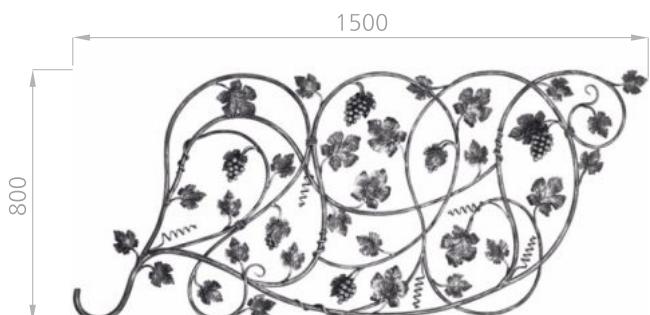
**13.192**

16x8

HxL (mm)

600x1580

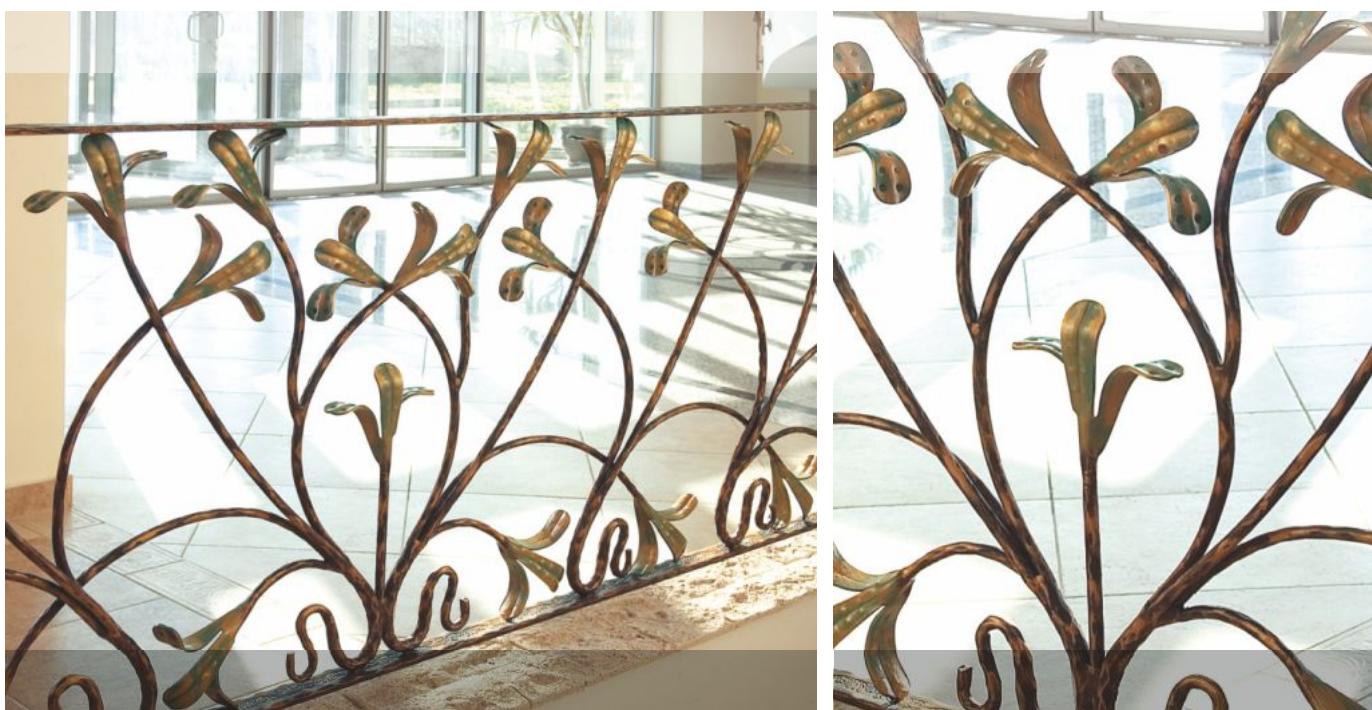
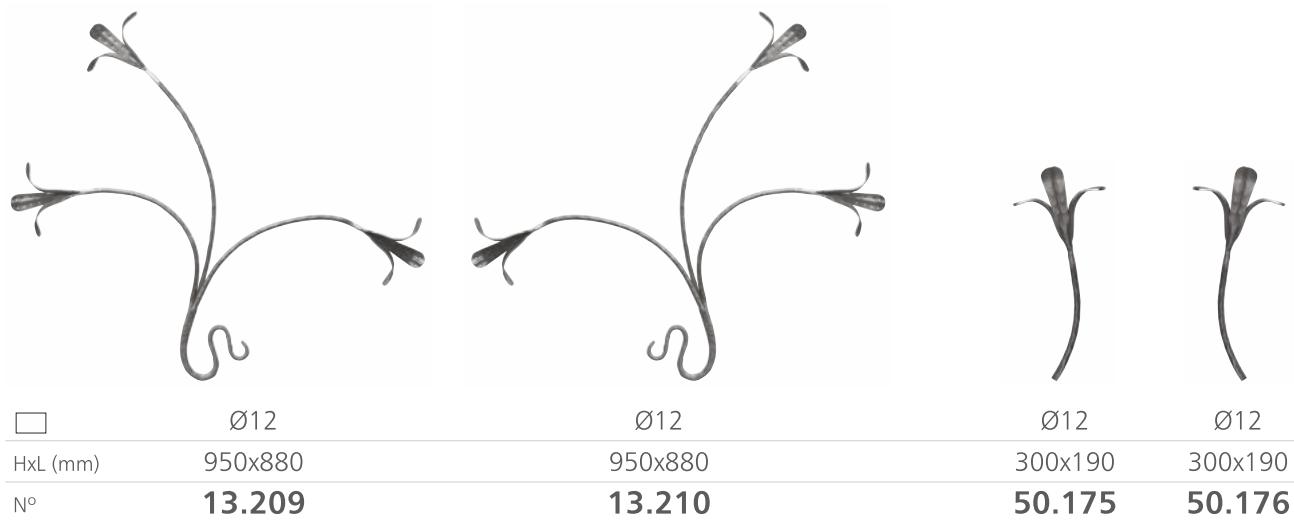
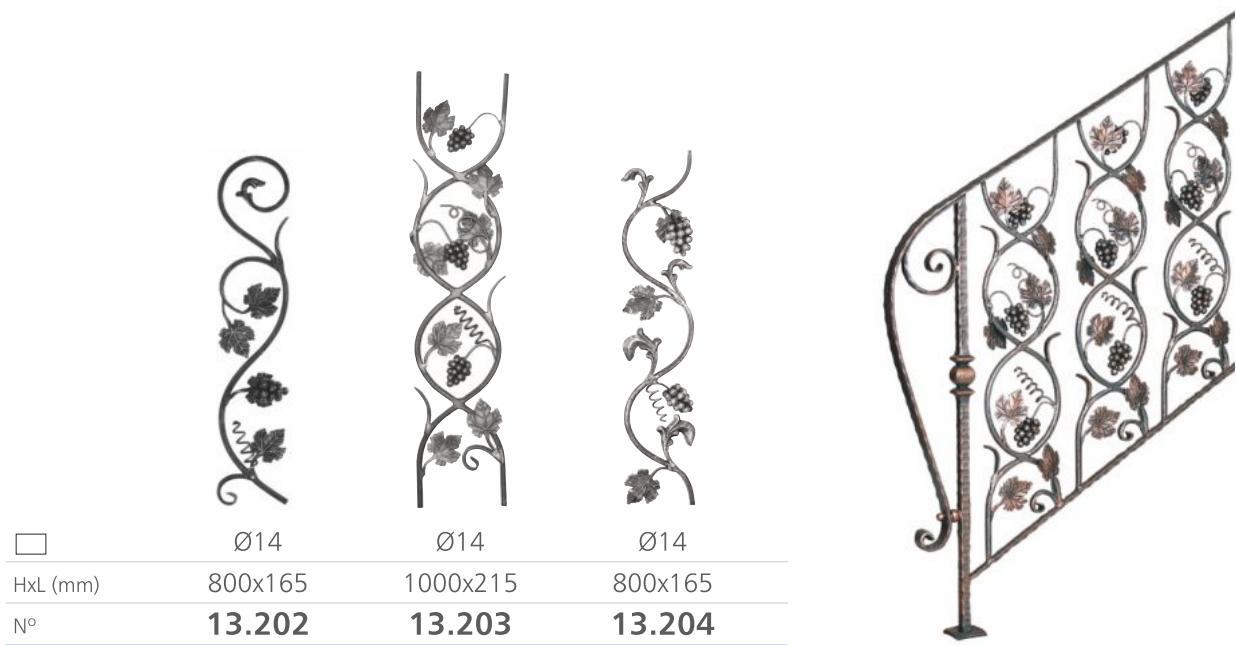
Nº

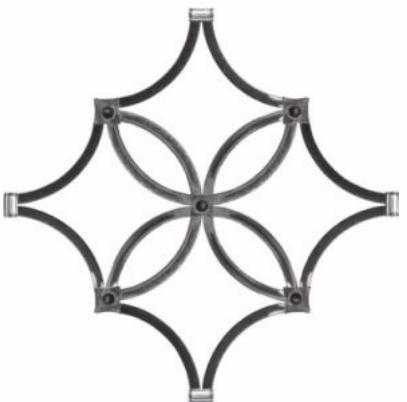
**13.198**

Ø16, 14, 12

800x1500

**13.200**





<input type="checkbox"/>	12x12	12x12	12x12
HxL (mm)	385x485	516x516	Ø385
Nº	<b>13.240</b>	<b>13.244</b>	<b>13.245</b>



<input type="checkbox"/>	12x12	12x12	12x12
HxL (mm)	385x440	250x430	Ø385
Nº	<b>13.248</b>	<b>13.249</b>	<b>13.250</b>





<input type="checkbox"/>	12x12	
HxL (mm)	250x525	
Nº	<b>13.251</b>	



<input type="checkbox"/>	12x12	12x12
HxL (mm)	Ø385	385x545
Nº	<b>13.252</b>	<b>13.253</b>



<input type="checkbox"/>	12x12	
HxL (mm)	500x250	660x470
Nº	<b>13.256</b>	<b>13.302</b>

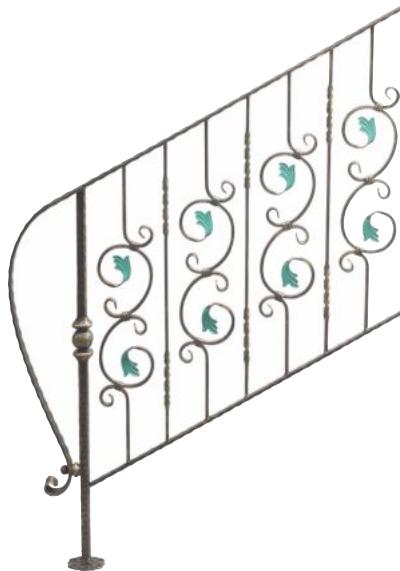
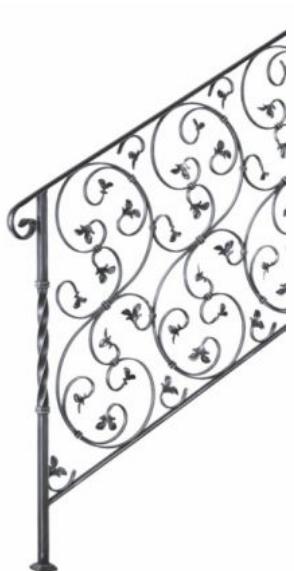
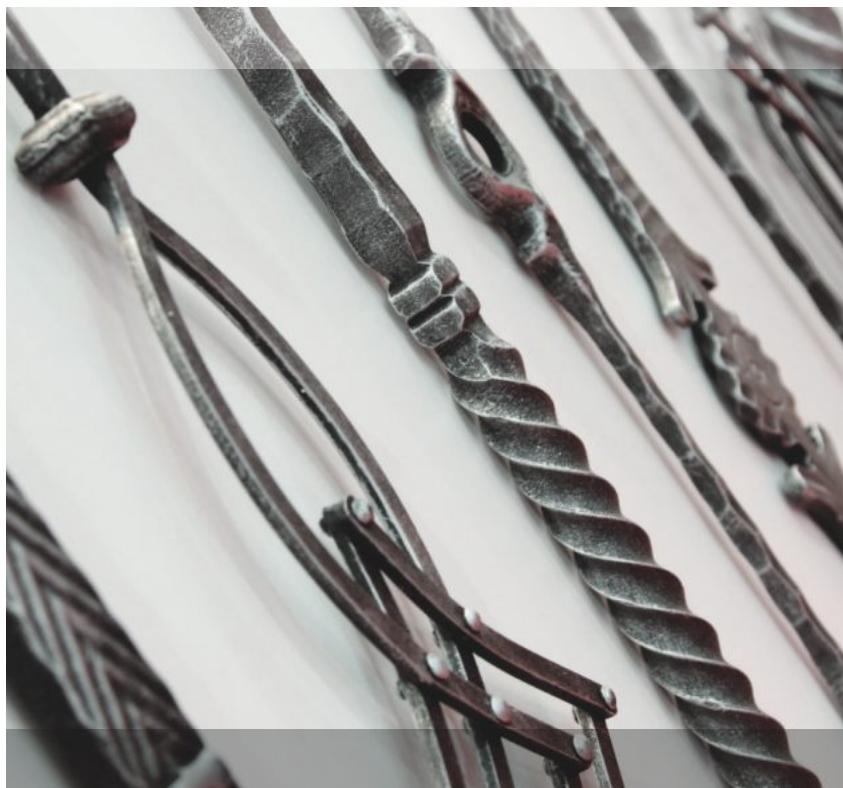


<input type="checkbox"/>	12x12	12x12	12x12	12x12	12x12
HxL (mm)	Ø405	Ø320	Ø405	490x384	500x384
	2	2	2	2	2
Nº	<b>13.308</b>	<b>13.310</b>	<b>13.311</b>	<b>13.315</b>	<b>13.323</b>



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**1.04**

**tralki i słupy • balusters and baluster posts • Stäbe und Brüstungspfosten**  
 • балюсины • tyčky a sloupky



<input type="checkbox"/>	10x10	10x10	10x10	10x10	10x10	10x10
HxL (mm)	900x160	900x160	900x125	900x125	900x125	900x125
Nº	<b>TR 01/10 gładka</b>	<b>TR 01/10 kręcona</b>	<b>TR 02/10 gładka</b>	<b>TR 02/10 kręcona</b>	<b>TR 03/10 gładka</b>	<b>TR 03/10 kręcona</b>
<input type="checkbox"/>	12x12	12x12	12x12	12x12	12x12	12x12
HxL (mm)	900x160	900x160	900x125	900x125	900x125	900x125
Nº	<b>TR 01/12 gładka</b>	<b>TR 01/12 kręcona</b>	<b>TR 02/12 gładka</b>	<b>TR 02/12 kręcona</b>	<b>TR 03/12 gładka</b>	<b>TR 03/12 kręcona</b>
<input type="checkbox"/>	14x14	14x14	14x14	14x14	14x14	14x14
HxL (mm)	900x160	900x160	900x125	900x125	900x125	900x125
Nº	<b>TR 01/14 gładka</b>	<b>TR 01/14 kręcona</b>	<b>TR 02/14 gładka</b>	<b>TR 02/14 kręcona</b>	<b>TR 03/14 gładka</b>	<b>TR 03/14 kręcona</b>



<input type="checkbox"/>	10x10	10x10	10x10	10x10	10x10	10x10
HxL (mm)	900x170	900x170	900x170	900x170	900x150	900x150
Nº	<b>TR 04/10 gładka</b>	<b>TR 04/10 kręcona</b>	<b>TR 04a/10 gładka</b>	<b>TR 04a/10 kręcona</b>	<b>TR 019/10 gładka</b>	<b>TR 019/10 kręcona</b>
<input type="checkbox"/>	12x12	12x12	12x12	12x12	12x12	12x12
HxL (mm)	900x170	900x170	900x170	900x170	900x150	900x150
Nº	<b>TR 04/12 gładka</b>	<b>TR 04/12 kręcona</b>	<b>TR 04a/12 gładka</b>	<b>TR 04a/12 kręcona</b>	<b>TR 019/12 gładka</b>	<b>TR 019/12 kręcona</b>
<input type="checkbox"/>	14x14	14x14	14x14	14x14	14x14	14x14
HxL (mm)	900x170	900x170	900x170	900x170	900x150	900x150
Nº	<b>TR 04/14 gładka</b>	<b>TR 04/14 kręcona</b>	<b>TR 04a/14 gładka</b>	<b>TR 04a/14 kręcona</b>	<b>TR 019/14 gładka</b>	<b>TR 019/14 kręcona</b>

Standardowa oferta obejmuje wysokości 900 i 750 mm

Tralki o innych wysokościach wykonujemy na zamówienie



<input type="checkbox"/>	12x12
HxL (mm)	950x200
Nº	<b>20.100</b>



<input type="checkbox"/>	12x12
HxL (mm)	950x210
Nº	<b>20.102</b>



<input type="checkbox"/>	12x12
HxL (mm)	800x225
Nº	<b>20.105</b>



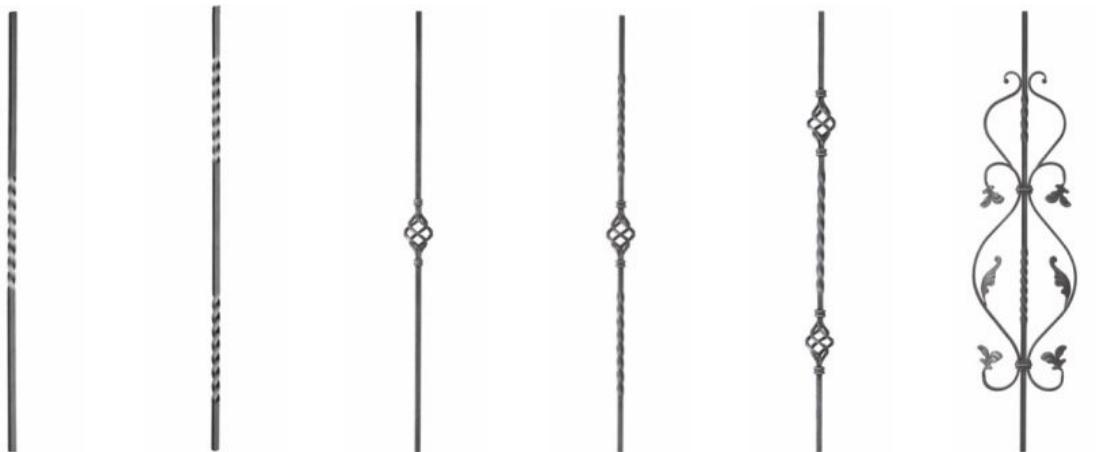
<input type="checkbox"/>	30x5
HxL (mm)	800x170
Nº	<b>20.130</b>



<input type="checkbox"/>	50x10
HxL (mm)	850x185
Nº	<b>20.148</b>

<input type="checkbox"/>	20x5/20x10
HxL (mm)	950x225
Nº	<b>20.149</b>





<input type="checkbox"/>	12x12	12x12	12x12	12x12	12x12	12x12/12x6
HxL (mm)	900	900	900x60	900x60	900x60	900x230
Nº	<b>21.010</b>	<b>21.011</b>	<b>21.022</b>	<b>21.024</b>	<b>21.025</b>	<b>21.115</b>



<input type="checkbox"/>	12x6
HxL (mm)	860x350
Nº	<b>21.116</b>



<input type="checkbox"/>	12x12/12x6	16x8	12x12/12x6	12x12/12x6	16x8
HxL (mm)	900x95	900x155	900x270	900x240	900x165
Nº	<b>21.117</b>	<b>21.118</b>	<b>21.119</b>	<b>21.120</b>	<b>21.122</b>



<input type="checkbox"/>	12x12	12x12
HxL (mm)	950x240	900x200
Nº	<b>21.124</b>	<b>21.140</b>



<input type="checkbox"/>	12x12	12x12
HxL (mm)	900x275	950x195
Nº	<b>21.141</b>	<b>21.145</b>



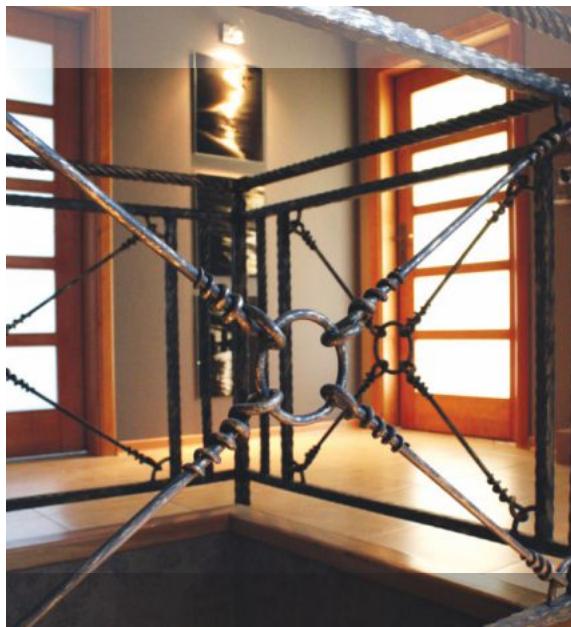
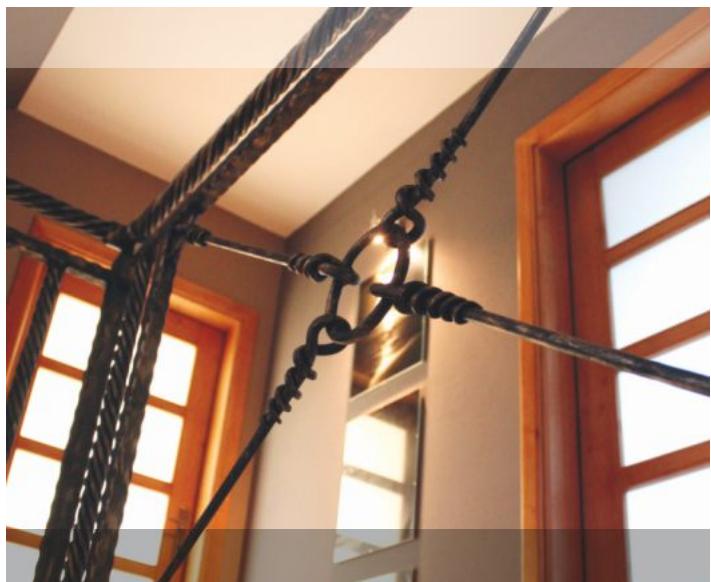
<input type="checkbox"/>	12x12	Ø30x1,5	Ø30x1,5	Ø30x1,5
H (mm)	950x200	900	900	900
Nº	<b>21.147</b>	<b>21.900</b>	<b>21.901</b>	<b>21.902</b>



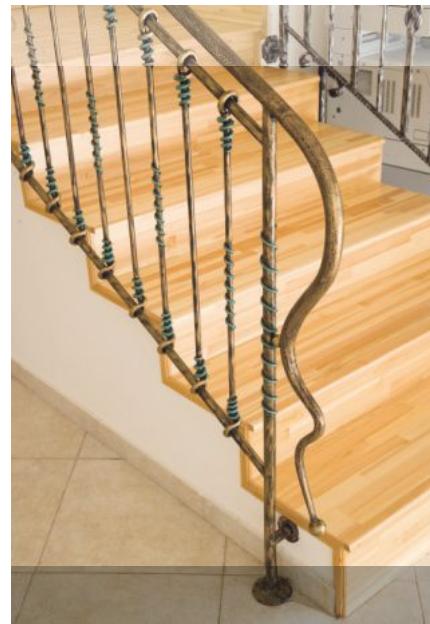
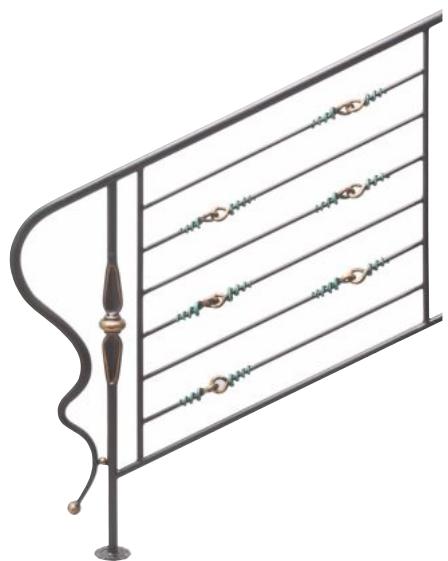
<input type="checkbox"/>	Ø14	Ø14	12x12	12x12	12x12	12x12
HxL (mm)	950xØ36	950xØ36	950x30	950x30	950x35	900x30
Nº	<b>22.001</b>	<b>22.002</b>	<b>22.003</b>	<b>22.004</b>	<b>22.005</b>	<b>22.013</b>



<input type="checkbox"/>	12x12	12x12
HxL (mm)	950x36	950x36
Nº	<b>22.019</b>	<b>22.020</b>



<input type="checkbox"/>	Ø12	Ø12	Ø12
HxL (mm)	950x30	950x30	1000x50
Nº	<b>22.021</b>	<b>22.022</b>	<b>22.053</b>



<input type="checkbox"/>	12x12	12x12	12x12	12x12
HxL (mm)	950x140	950x185	950x180	950x180
Nº	<b>22.100</b>	<b>22.103</b>	<b>22.104</b>	<b>22.105</b>

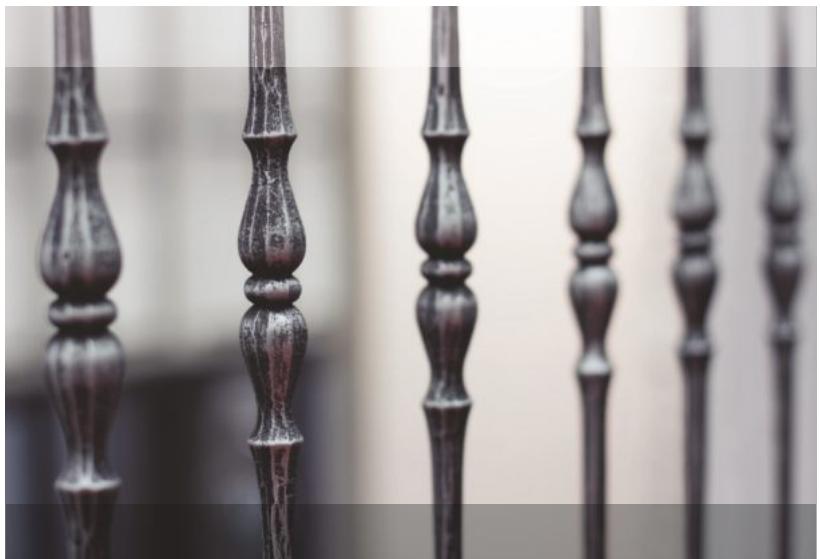


<input type="checkbox"/>	12x12
HxL (mm)	950x145
Nº	<b>22.107</b>





<input type="checkbox"/>	Ø12	Ø12	14x14	14x14	Ø12	Ø12	12x12	12x12
HxL (mm)	950x20	950x20	950x34	950x34	950x24	950x24	950x30	950x30
Nº	<b>23.001</b>	<b>23.002</b>	<b>23.003</b>	<b>23.004</b>	<b>23.005</b>	<b>23.006</b>	<b>23.007</b>	<b>23.008</b>

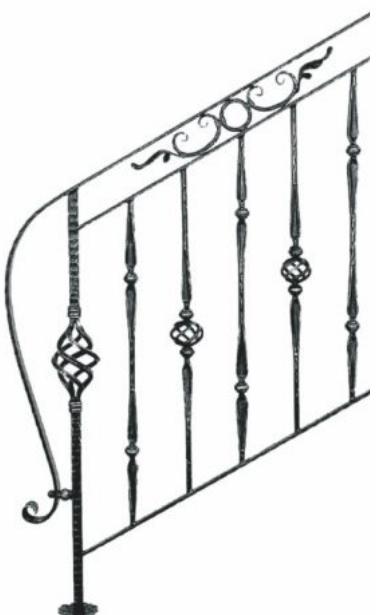




<input type="checkbox"/>	14x14	14x14	Ø12	Ø12	Ø12
HxL (mm)	950x34	950x34	950x40	950x40	950x27
Nº	<b>23.009</b>	<b>23.010</b>	<b>23.020</b>	<b>23.021</b>	<b>23.022</b>



<input type="checkbox"/>	14x14	14x14	16x16
HxL (mm)	950x35	950x40	950x60
Nº	<b>23.024</b>	<b>23.025</b>	<b>23.065</b>



<input type="checkbox"/>	20x20	20x20	Ø25
HxL (mm)	1200x80	1200x80	1200x55
Nº	<b>24.010</b>	<b>24.011</b>	<b>24.111</b>



<input type="checkbox"/>	Ø28	25x25	25x25
HxL (mm)	1200x60	1200x100	1200x50
Nº	<b>24.112</b>	<b>24.151</b>	<b>24.254</b>



<input type="checkbox"/>	25x25	25x25	25x25	25x25
HxL (mm)	1200x34	1200x48	1200x50	1200x55
Nº	<b>24.255</b>	<b>24.257</b>	<b>24.259</b>	<b>24.266</b>

**1.05**
**płaskowniki • flat bars • Flachstäbe**

• полосы • ploché tyče



HxL (mm)	3000	6000	100x350	680	180x300	400x100	300x300	250x200
<input type="checkbox"/>	40x10	<b>new</b>	40x10	<b>new</b>	40x10	<b>new</b>	40x10	<b>new</b>
N°	<b>30.003</b>	<b>30.003.00</b>	<b>30.003.01</b>	<b>30.003.02</b>	<b>30.003.03</b>	<b>30.003.04</b>	<b>30.003.05</b>	<b>30.003.06</b>
<input type="checkbox"/>	40x12	40x12	<b>new</b>	40x12	40x12	40x12	40x12	40x12
N°	<b>30.001</b>	<b>30.001.00</b>	<b>30.001.01</b>	<b>30.001.02</b>	<b>30.001.03</b>	<b>30.001.04</b>	<b>30.001.05</b>	<b>30.001.06</b>
<input type="checkbox"/>	50x14	50x14	<b>new</b>	50x14	50x14	50x14	50x14	50x14
N°	<b>30.002</b>	<b>30.002.00</b>	<b>30.002.01</b>	<b>30.002.02</b>	<b>30.002.03</b>	<b>30.002.04</b>	<b>30.002.05</b>	<b>30.002.06</b>



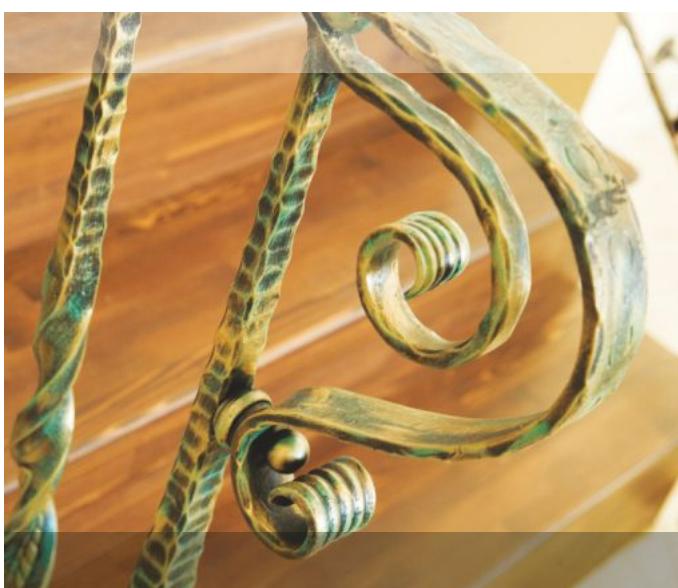
<input type="checkbox"/>	<b>Ø32</b>
HxL (mm)	690x155
N°	<b>30.007.01</b>



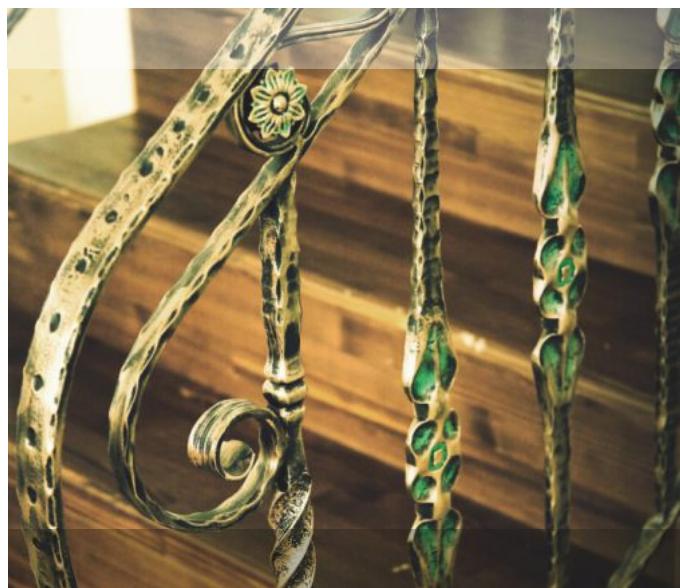
<input type="checkbox"/>	40x8	40x8
HxL (mm)	3000	100x350
Nº	<b>30.008</b>	<b>30.008.01</b>



<input type="checkbox"/>	40x8	40x8	40x8	40x8	40x8
HxL (mm)	680	180x300	400	300x300	250x200
Nº	<b>30.008.02</b>	<b>30.008.03</b>	<b>30.008.04</b>	<b>30.008.05</b>	<b>30.008.06</b>



<input type="checkbox"/>	40x8	40x8	40x8
HxL (mm)	3000	6000	100x350
Nº	<b>30.010</b>	<b>30.010.00</b> <i>new</i>	<b>30.010.01</b>



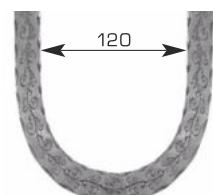

profil



HxL (mm)	680	180x300
<input type="checkbox"/>	40x8	40x8
N°	<b>30.010.02</b>	<b>30.010.03</b>



profil



HxL (mm)	400	300x300	250x200
<input type="checkbox"/>	40x8	40x8	40x8
N°	<b>30.010.04</b>	<b>30.010.05</b>	<b>30.010.06</b>

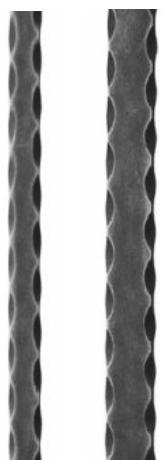


<input type="checkbox"/>	48x20	48x30	48x30	62x30	62x30	62x30
HxL (mm)	1,5x3000	1,5x3000	1,5x3000	1,5x3000	1,5x3000	1,5x3000
N°	<b>30.020</b>	<b>30.020.01</b>	<b>30.020.02</b>	<b>30.021</b>	<b>30.021.01</b>	<b>30.021.02</b>



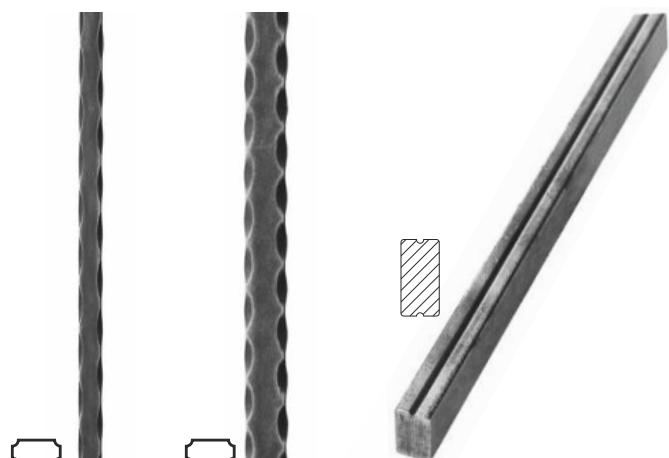
<input type="checkbox"/>	54x54	54x54	54x54	48x20	62x30	54x54
HxL (mm)	1,5x3000	1,5x3000	1,5x3000	40	50	36
N°	<b>30.022</b>	<b>30.022.01</b>	<b>30.022.02</b>	<b>30.030</b>	<b>30.031</b>	<b>30.032</b>

### płaskownik młotkowany



<input type="checkbox"/>	20x5	<input type="checkbox"/>	40x6
25x5	40x8		
25x6	50x6		
30x5	50x8		
30x6	60x6		
30x8	60x8		
40x5			

### DOWOLNE ODCINKI



<input type="checkbox"/>	12x6	20x10	16x8
HxL (mm)	3000	3000	3000
N°	<b>30.200</b>	<b>30.202</b>	<b>30.220</b>



<input type="checkbox"/>	3000	6000	100x350	680	180x300	400	300x300	250x200
N°	<b>30.105</b>	<b>30.105.00</b>	<b>30.105.01</b>	<b>30.105.02</b>	<b>30.105.03</b>	<b>30.105.04</b>	<b>30.105.05</b>	<b>30.105.06</b>

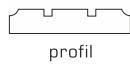
<input type="checkbox"/>	40x8	40x8	<input type="checkbox"/> new	40x8	40x8	40x8	40x8	40x8
N°	<b>30.103</b>	<b>30.103.00</b>		<b>30.103.01</b>	<b>30.103.02</b>	<b>30.103.03</b>	<b>30.103.04</b>	<b>30.103.05</b>



HxL (mm)	3000	6000	100x350	680	180x300	400	300x300	250x200	
	40x5	40x5	40x5	40x5	40x5	40x5	40x5	40x5	
Nº	<b>30.111</b>	<b>30.111.00</b>	<b>new</b>	<b>30.111.01</b>	<b>30.111.02</b>	<b>30.111.03</b>	<b>30.111.04</b>	<b>30.111.05</b>	<b>30.111.06</b>
	40x8	40x8	40x8	40x8	40x8	40x8	40x8	40x8	
Nº	<b>30.121</b>	<b>30.121.00</b>	<b>new</b>	<b>30.121.01</b>	<b>30.121.02</b>	<b>30.121.03</b>	<b>30.121.04</b>	<b>30.121.05</b>	<b>30.121.06</b>



HxL (mm)	3000	6000	100x350	680	180x300	400	300x300	250x200	
	40x5	40x5	40x5	40x5	40x5	40x5	40x5	40x5	
Nº	<b>30.113</b>	<b>30.113.00</b>	<b>new</b>	<b>30.113.01</b>	<b>30.113.02</b>	<b>30.113.03</b>	<b>30.113.04</b>	<b>30.113.05</b>	<b>30.113.06</b>
	40x8	40x8	40x8	40x8	40x8	40x8	40x8	40x8	
Nº	<b>30.123</b>	<b>30.123.00</b>	<b>new</b>	<b>30.123.01</b>	<b>30.123.02</b>	<b>30.123.03</b>	<b>30.123.04</b>	<b>30.123.05</b>	<b>30.123.06</b>



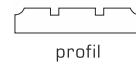
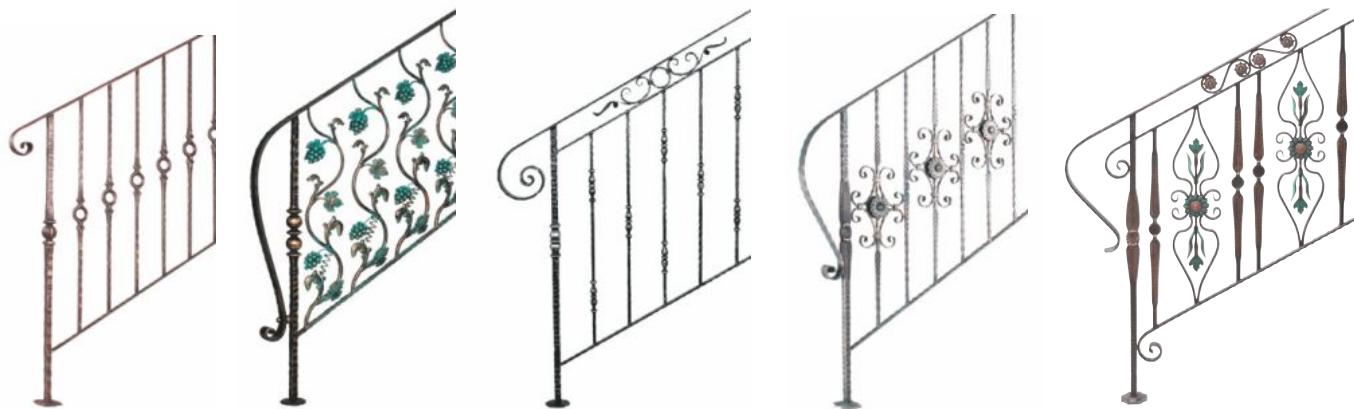
profil



HxL (mm)	3000	6000	100x350	680	180x300	400	300x300	250x200
----------	------	------	---------	-----	---------	-----	---------	---------

<input type="checkbox"/>	40x5	40x5 <b>new</b>	40x5	40x5	40x5	40x5	40x5	40x5
N°	<b>30.114</b>	<b>30.114.00</b>	<b>30.114.01</b>	<b>30.114.02</b>	<b>30.114.03</b>	<b>30.114.04</b>	<b>30.114.05</b>	<b>30.114.06</b>

<input type="checkbox"/>	40x8 <b>new</b>	40x8 <b>new</b>	40x8 <b>new</b>	40x8 <b>new</b>	40x8 <b>new</b>	40x8 <b>new</b>	40x8 <b>new</b>	40x8 <b>new</b>
N°	<b>30.124</b>	<b>30.124.00</b>	<b>30.124.01</b>	<b>30.124.02</b>	<b>30.124.03</b>	<b>30.124.04</b>	<b>30.124.05</b>	<b>30.124.06</b>



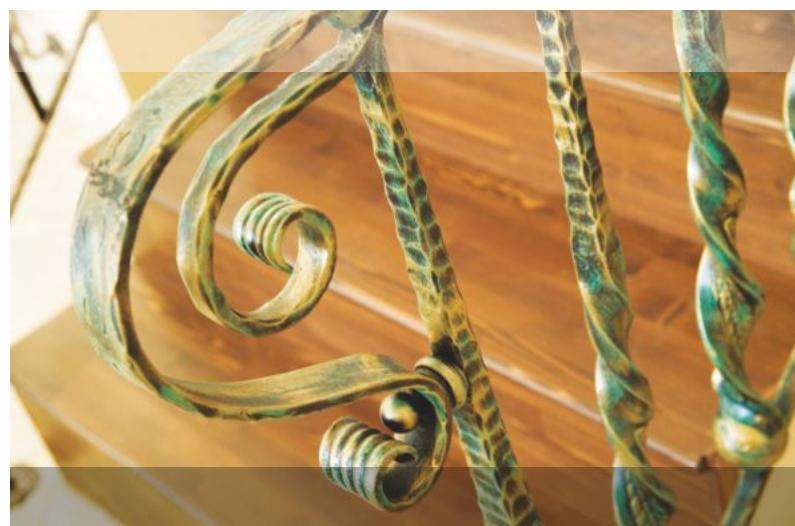
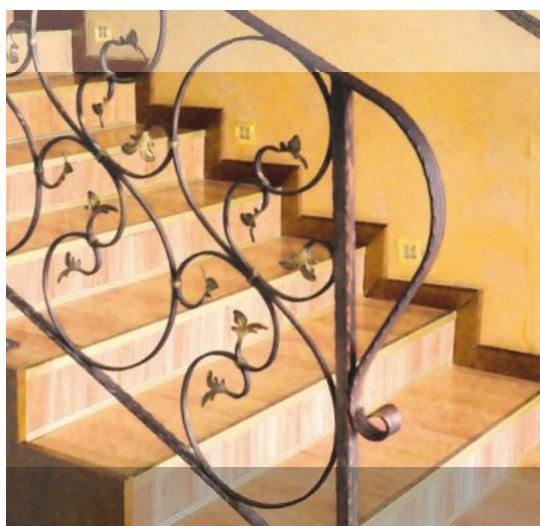
profil



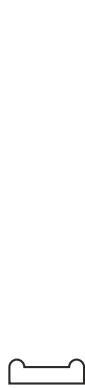
HxL (mm)	3000	6000	100x350	680	180x300	400	300x300	250x200
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<input type="checkbox"/>	40x5	40x5 <b>new</b>	40x5	40x5	40x5	40x5	40x5	40x5
N°	<b>30.115</b>	<b>30.115.00</b>	<b>30.115.01</b>	<b>30.115.02</b>	<b>30.115.03</b>	<b>30.115.04</b>	<b>30.115.05</b>	<b>30.115.06</b>

<input type="checkbox"/>	40x8	40x8 <b>new</b>	40x8	40x8	40x8	40x8	40x8	40x8
N°	<b>30.125</b>	<b>30.125.00</b>	<b>30.125.01</b>	<b>30.125.02</b>	<b>30.125.03</b>	<b>30.125.04</b>	<b>30.125.05</b>	<b>30.125.06</b>



## 1.06 taśmy • banding materials • Bände • ленты • pásoviny



HxL (mm)

Nº

14x4

3000

**31.100**



25x8

3000

**31.101**



30x8

3000

**31.102**

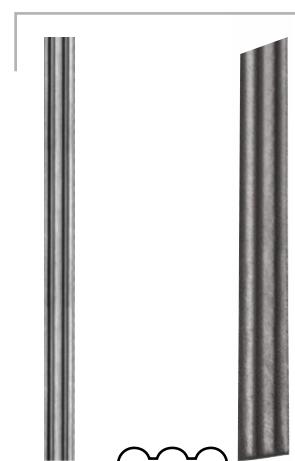


40x8

3000

**31.103**

miękkie • soft and flexible



17x1,5

2000

**31.340**



18x1,5

2000

**31.350**



14x2

3000

**31.400**



20x4

3000

**31.402**



14x4

3000

**31.403**



14x4

3000

**31.404**

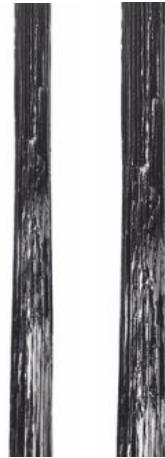
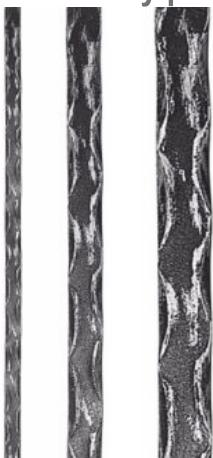
### Pręt walcowany po płaszczynie



<input type="checkbox"/>	10x10
<input type="checkbox"/>	12x12
<input type="checkbox"/>	14x14
<input type="checkbox"/>	16x16
<input type="checkbox"/>	20x20
<input type="checkbox"/>	25x25

Szerokość zakucia	12 mm	18 mm	24 mm
taśma	17x1,5	17x1,5	17x1,5
Nº	<b>31.500</b>	<b>31.501</b>	<b>31.502</b>

### Pręt młotkowany po krawędzi



<input type="checkbox"/>	10x10
<input type="checkbox"/>	12x12
<input type="checkbox"/>	14x14
<input type="checkbox"/>	16x16
<input type="checkbox"/>	20x20
<input type="checkbox"/>	25x25

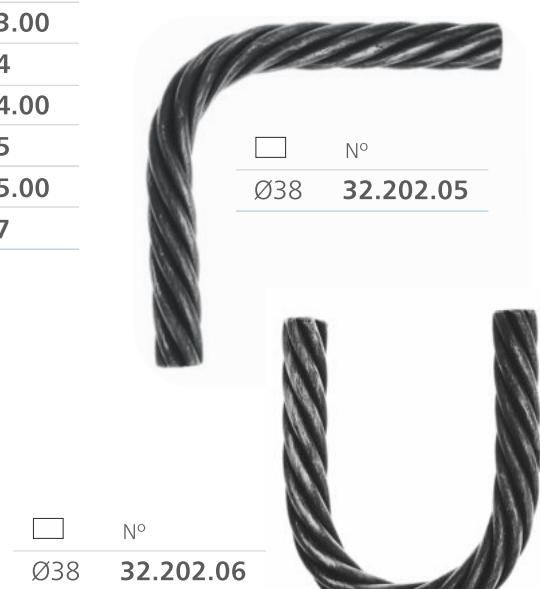
DOWOLNE ODCINKI

<input type="checkbox"/>	H	Nº
<input type="checkbox"/>	Ø8 3000	<b>32.111</b>
<input type="checkbox"/>	Ø10 3000	<b>32.112</b>
<input type="checkbox"/>	Ø10 6000	<b>32.112.00</b>
<input type="checkbox"/>	Ø12 3000	<b>32.113</b>
<input type="checkbox"/>	Ø12 6000	<b>32.113.00</b>
<input type="checkbox"/>	Ø14 3000	<b>32.114</b>
<input type="checkbox"/>	Ø14 6000	<b>32.114.00</b>
<input type="checkbox"/>	Ø16 3000	<b>32.115</b>
<input type="checkbox"/>	Ø16 6000	<b>32.115.00</b>
<input type="checkbox"/>	Ø20 3000	<b>32.117</b>

<input type="checkbox"/>	H	Nº
<input type="checkbox"/>	Ø10-12 1100	<b>32.100</b>
<input type="checkbox"/>	Ø12-16 1100	<b>32.101</b>
<input type="checkbox"/>	Ø16-20 1100	<b>32.102</b>



<input type="checkbox"/>	H	Nº
<input type="checkbox"/>	Ø30 2750	<b>32.201</b>
<input type="checkbox"/>	Ø38 2750	<b>32.202</b>

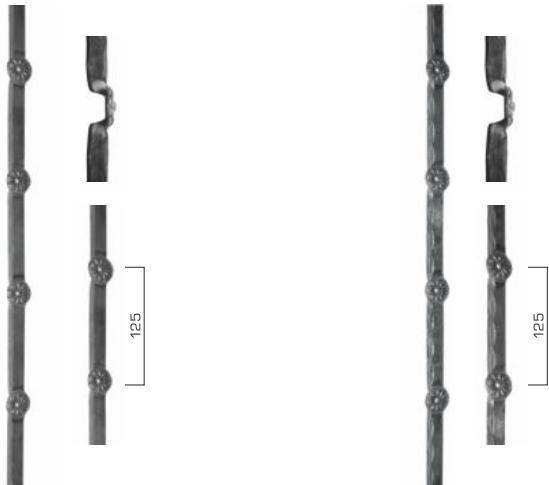


<input type="checkbox"/>	Nº
<input type="checkbox"/>	<b>32.202.06</b>

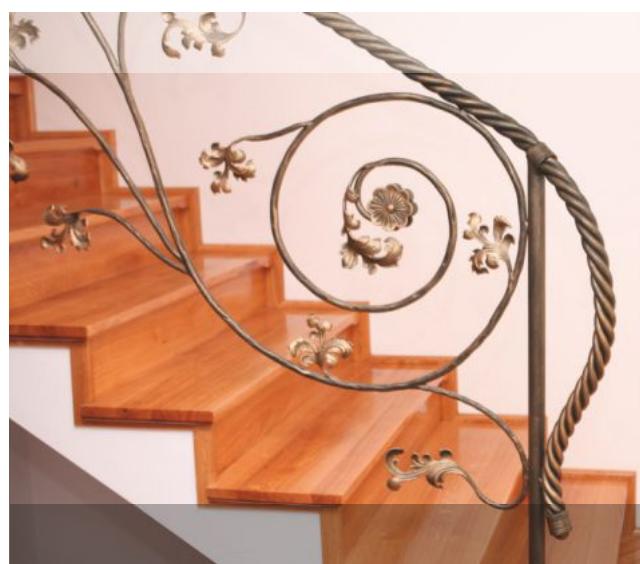
**1.07**

prety ozdobne • decorative bars • dekorative Stäbe • декоративные прутья • tyče ozdobné

	12x12	14x14	14x14	Ø14
HxL (mm)	2000	2000	2000	2000
Nº	<b>33.000</b>	<b>33.001</b>	<b>33.013</b>	<b>33.023</b>



	H	Nº
12x12	2000	<b>33.098</b>
14x14	2000	<b>33.100</b>



	H	Nº
12x6	2000x65	<b>33.201</b>
12x12	2000x65	<b>33.203</b>

**1.08**
**profile zamknięte • bars • verikant Rohre • прутья • tyče průvlakové**

 15x15x1,5    20x20x2    25x25x2    30x30x2    40x40x2    50x50x2    60x60x3    80x80x3    100x100x3

**DOWOLNE ODCINKI  
INNE PRZEKROJE NA ZAPYTANIE**


 30x20x2

 40x20x2

 40x30x2

 50x30x2

 60x40x3

**DOWOLNE ODCINKI  
INNE PRZEKROJE NA ZAPYTANIE**



<input type="checkbox"/>	H (mm)	G (mm)	Nº
Ø 11	3000	1,0	<b>34.220</b>
Ø 20	3000	1,8	<b>34.221</b>
Ø 25	3000	1,8	<b>34.222</b>
Ø 30	3000	2,0	<b>34.223</b>
Ø 42	3000	2,0	<b>34.224</b>
Ø 48	3000	2,0	<b>34.225</b>
Ø 76	3000	2,0	<b>34.226</b>

**1.09**

groty • spears • Spitzen • пики • hroty



<input type="checkbox"/>	Ø15	Ø16	Ø24	Ø25	Ø30	Ø18	12x12	15x15
HxL (mm)	150x55	150x55	160x63	110x55	125x55	110x48	120x43	130x50
Nº	<b>40.001</b>	<b>40.002</b>	<b>40.003</b>	<b>40.006</b>	<b>40.007</b>	<b>40.008</b>	<b>40.009</b>	<b>40.010</b>



<input type="checkbox"/>	Ø12	Ø15	Ø16	Ø24	Ø25	Ø13	Ø13
HxL (mm)	100x45	125x55	145x120	128x65	140x70	125x60	130x53
Nº	<b>40.011</b>	<b>40.012</b>	<b>40.013</b>	<b>40.017</b>	<b>40.018</b>	<b>40.041</b>	<b>40.045</b>



<input type="checkbox"/>	Ø20	Ø26	Ø20	Ø12	Ø12	Ø17	Ø20	Ø25
HxL (mm)	110x70	135x70	130x70	130x60	130x60	155x70	80x45	125x65
Nº	<b>40.048</b>	<b>40.049</b>	<b>40.050</b>	<b>40.052</b>	<b>40.052.02</b>	<b>40.053</b>	<b>40.055</b>	<b>40.056</b>





<input type="checkbox"/>	Ø20	Ø25	Ø20	Ø16	Ø20	12x12	Ø26
HxL (mm)	120x55	135x65	115x58	82x40	115x58	115x53	140x70
Nº	<b>40.058</b>	<b>40.059</b>	<b>40.060</b>	<b>40.060.01</b>	<b>40.060.02</b>	<b>40.060.03</b>	<b>40.061</b>



<input type="checkbox"/>	12x12	14x14	12x12	14x14	Ø25	Ø20	Ø25
HxL (mm)	120x42	140x47	150x40	180x43	125x40	95x30	135x40
Nº	<b>40.065</b>	<b>40.066</b>	<b>40.067</b>	<b>40.068</b>	<b>40.071</b>	<b>40.071.01</b>	<b>40.072</b>



<input type="checkbox"/>	Ø20	Ø30	Ø32	Ø25	15x15	18x14	Ø16
HxL (mm)	98x33	160x50	125x60	110x50	140x60	100x55	155x65
Nº	<b>40.072.01</b>	<b>40.073</b>	<b>40.077</b>	<b>40.077.02</b>	<b>40.078</b>	<b>40.079</b>	<b>40.080</b>



<input type="checkbox"/>	Ø16	Ø25	20x20	25x25	20x20	15x15
HxL (mm)	160x65	125x45	100x20	160x25	125x30	82x20
Nº	<b>40.081</b>	<b>40.083</b>	<b>40.088.01</b>	<b>40.089</b>	<b>40.092</b>	<b>40.092.01</b>



<input type="checkbox"/>	30x30	12x12	Ø18	24x24	Ø24	Ø30	Ø33
HxL (mm)	160x40	95x27	125x40	60x35	88x28	120x30	150x40
Nº	<b>40.093</b>	<b>40.095</b>	<b>40.096</b>	<b>40.097</b>	<b>40.098.03</b>	<b>40.098.02</b>	<b>40.098.01</b>







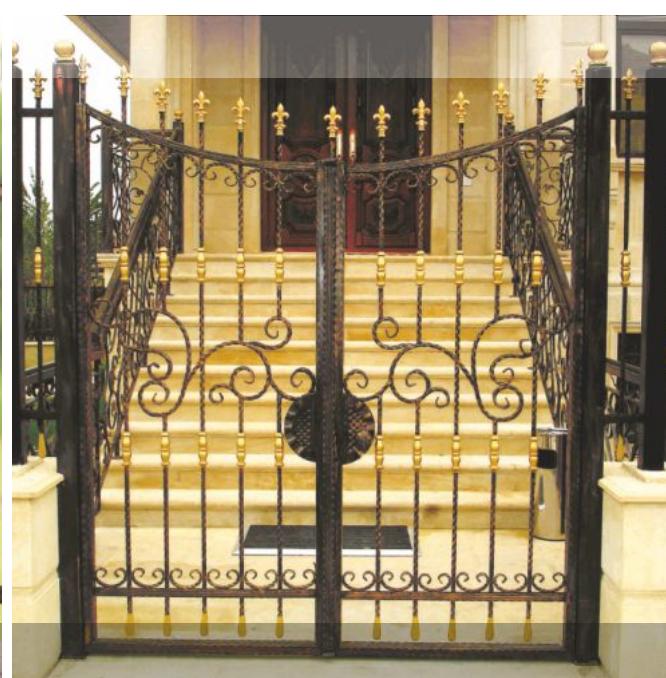
<input type="checkbox"/>	25x25	30x30	40x40	18x21	Ø16
HxL (mm)	120x67	155x92	200x117	105x53	160x90
Nº	<b>40.099.01</b>	<b>40.099.02</b>	<b>40.099.03</b>	<b>40.099.04</b>	<b>40.100</b>



<input type="checkbox"/>	Ø13	14x14	Ø16	15x15	18x18
HxL (mm)	180x60	110x50	160x65	145x80	250x80
Nº	<b>40.102</b>	<b>40.102.01</b>	<b>40.104</b>	<b>40.106</b>	<b>40.110</b>



<input type="checkbox"/>	26x26	Ø40	Ø16	Ø29	Ø35
HxL (mm)	290x75	200x100	120x73	180x60	205x65
Nº	<b>40.111</b>	<b>40.112</b>	<b>40.112.01</b>	<b>40.117</b>	<b>40.118</b>



	12x12		20x20		Ø33		12x12		14x14
HxL (mm)	90x63		135x90		130x47		150x30		150x40
Nº	<b>40.123</b>		<b>40.125</b>		<b>40.126</b>		<b>40.133</b>		<b>40.138</b>

	16x16		Ø12		12x12		16x16		16x16
HxL (mm)	57x38		92x35		120x35		107x25		142x28
Nº	<b>40.140</b>		<b>40.150</b>		<b>40.151</b>		<b>40.153</b>		<b>40.154</b>

	20x20		Ø16		Ø26		Ø35		16x16
HxL (mm)	148x35		132x85		134x64		145x36		105x60
Nº	<b>40.155</b>		<b>40.156</b>		<b>40.157</b>		<b>40.159</b>		<b>40.162</b>

	12x12		Ø22		15x15		18x18
HxL (mm)	200		80x22		82x15		110x18
Nº	<b>40.170</b>		<b>40.200</b>		<b>40.210</b>		<b>40.211</b>

**1.10**
**przekuwki • slugs • Rohraufsätze • насадки • návleky**

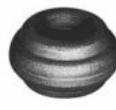
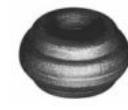
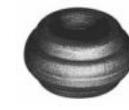

<input type="checkbox"/>	12,5	<input type="checkbox"/>	12,5	<input type="checkbox"/>	14,5	<input type="checkbox"/>	14,5	<input type="checkbox"/>	Ø14,5	<input type="checkbox"/>	Ø14,5
HxL (mm)	39x40		67x40		67x40		44x45		67x45		38x45
Nº	<b>41.001</b>		<b>41.002</b>		<b>41.002.01</b>		<b>41.003</b>		<b>41.004</b>		<b>41.005</b>



<input type="checkbox"/>	16,5	<input type="checkbox"/>	16,5	<input type="checkbox"/>	Ø16,5	<input type="checkbox"/>	Ø16,5	<input type="checkbox"/>	12,5	<input type="checkbox"/>	12,5
HxL (mm)	44x45		67x45		38x39		67x45		40x38		65x38
Nº	<b>41.007</b>		<b>41.008</b>		<b>41.011</b>		<b>41.012</b>		<b>41.021</b>		<b>41.022</b>



<input type="checkbox"/>	14,5	<input type="checkbox"/>	14,5	<input type="checkbox"/>	16,5	<input type="checkbox"/>	16,5	<input type="checkbox"/>	Ø35,5	<input type="checkbox"/>	30,5	<input type="checkbox"/>	27
HxL (mm)	40x38		65x38		40x38		65x38		80x69		80x69		215x63
Nº	<b>41.023</b>		<b>41.024</b>		<b>41.025</b>		<b>41.026</b>		<b>41.050</b>		<b>41.060</b>		<b>41.070</b>



<input type="checkbox"/>	12,5	<input type="checkbox"/>	14,5	<input type="checkbox"/>	16,5	<input type="checkbox"/>	21x21	<input type="checkbox"/>	Ø12,5	<input type="checkbox"/>	Ø14,5	<input type="checkbox"/>	Ø16,5
HxL (mm)	22x40		22x40		22x40		25x45		25x35		22x40		22x40
Nº	<b>41.102</b>		<b>41.104</b>		<b>41.105</b>		<b>41.106</b>		<b>41.111</b>		<b>41.114</b>		<b>41.115</b>



<input type="checkbox"/>	12,5	<input type="checkbox"/>	14,5	<input type="checkbox"/>	16,5	<input type="checkbox"/>	20,5	<input type="checkbox"/>	25,5	<input type="checkbox"/>	14,5	<input type="checkbox"/>	14,5
HxL (mm)	22x33		22x38		22x38		35x55		35x55		70x35		130x35
Nº	<b>41.202</b>		<b>41.204</b>		<b>41.205</b>		<b>41.206</b>		<b>41.207</b>		<b>41.306</b>		<b>41.307</b>

	16x16		16x16		Ø16		Ø16		Ø12		12x12
□											
HxL (mm)	75x42	148x48	75x38	128x40	140x28	140x26					
Nº	<b>41.315</b>	<b>41.316</b>	<b>41.317</b>	<b>41.318</b>	<b>41.400</b>	<b>41.401</b>					

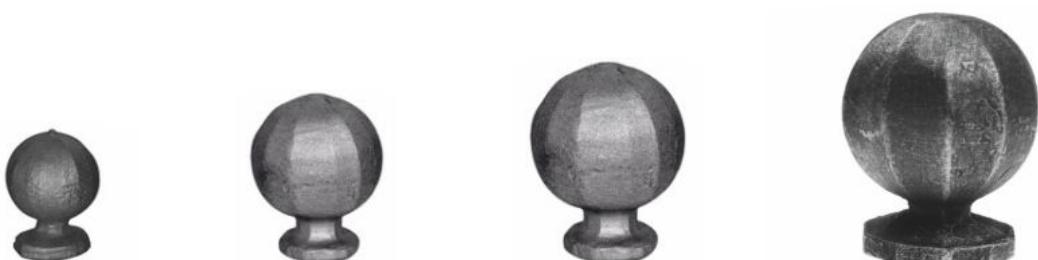
	12x12		14x14		12-14		16-20		20x20
□									
HxL (mm)	160x25	80x32	75x30	75x30	140x35				
Nº	<b>41.402</b>	<b>41.403</b>	<b>41.407</b>	<b>41.408</b>	<b>41.409</b>				

## 1.11

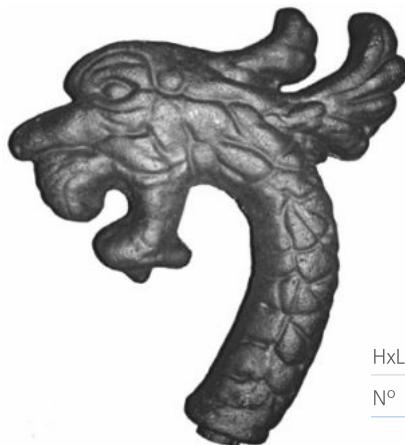
gałki • knobs • Knöpfe • набалдашники • šíšky

	Ø28		Ø40		Ø50
□					
HxL (mm)	80	90	90		
Nº	<b>42.000</b>	<b>42.001</b>	<b>42.003</b>		

	25x25		40x40		Ø27		Ø42
□							
HxL (mm)	60	85	60	85			
Nº	<b>42.004</b>	<b>42.005</b>	<b>42.006</b>	<b>42.007</b>			



<input type="checkbox"/>	Ø30	Ø45	Ø60	Ø65
HxL (mm)	45	60	70	80
Nº	<b>42.011</b>	<b>42.012</b>	<b>42.013</b>	<b>42.014</b>



HxL (mm) 220x200  
Nº **42.030**



## 1.12 kule • spheres • Kugeln • шары • koule

Nº	<b>43.015</b>	<b>43.020</b>	<b>43.025</b>	<b>43.030</b>	<b>43.035</b>	<b>43.040</b>	<b>43.050</b>

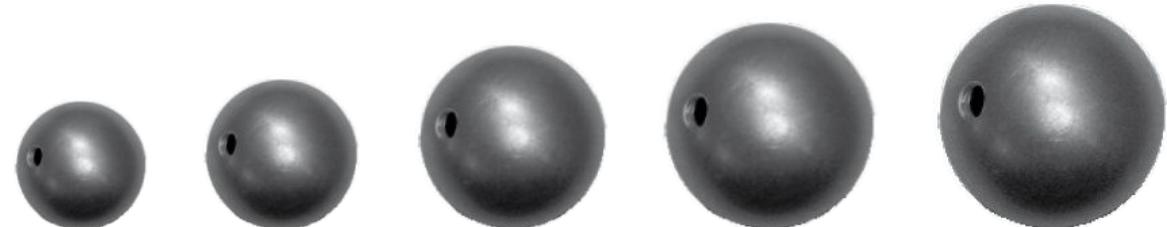
Nº	<b>43.120</b>	<b>43.125</b>	<b>43.130</b>	<b>43.135</b>	<b>43.140</b>	<b>43.150</b>	<b>43.230</b>	<b>43.240</b>	<b>43.250</b>



	Ø40	Ø50	Ø60	Ø70	Ø80	Ø100	Ø120	Ø150
Nº	<b>43.504</b>	<b>43.505</b>	<b>43.506</b>	<b>43.507</b>	<b>43.508</b>	<b>43.510</b>	<b>43.512</b>	<b>43.515</b>

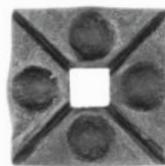
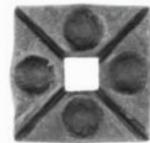
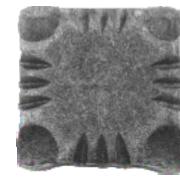
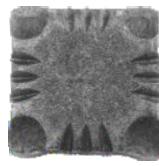
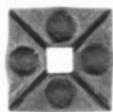
	Ø15	Ø20	Ø25	Ø30	Ø35	Ø40	Ø50
Nº	<b>43.615</b>	<b>43.620</b>	<b>43.625</b>	<b>43.630</b>	<b>43.635</b>	<b>43.640</b>	<b>43.650</b>
	Ø60	Ø70	Ø80	Ø90	Ø100	Ø120	Ø150
Nº	<b>43.660</b>	<b>43.670</b>	<b>43.680</b>	<b>43.690</b>	<b>43.700</b>	<b>43.720</b>	<b>43.750</b>

	Ø40	Ø50	Ø60	Ø70	Ø80
Nº	<b>43.640.01</b>	<b>43.650.01</b>	<b>43.660.01</b>	<b>43.670.01</b>	<b>43.680.01</b>
	Ø90	Ø100	Ø120	Ø150	
Nº	<b>43.690.01</b>	<b>43.700.01</b>	<b>43.720.01</b>	<b>43.750.01</b>	

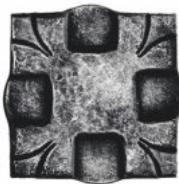


	M (mm)	G (mm)	Nº
Ø30	M6	1,5	<b>43.830.06</b>
Ø40	M8	1,5	<b>43.840.08</b>
Ø50	M8	1,5	<b>43.850.08</b>
Ø60	M10	1,5	<b>43.860.10</b>
Ø70	M10	1,5	<b>43.870.10</b>

	M (mm)	G (mm)	Nº
Ø80	M12	1,5	<b>43.880.12</b>
Ø90	M12	1,5	<b>43.890.12</b>
Ø100	M12	1,5	<b>43.100.12</b>
Ø120	M12	1,5	<b>43.120.12</b>
Ø150	M12	1,5	<b>43.150.12</b>

**1.13**
**maskownice • masking frames • Blenden • маскировочные элементы • zákrytky**


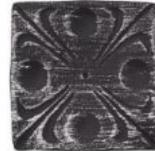
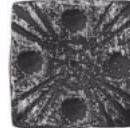
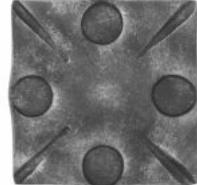
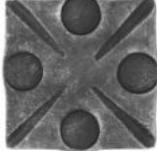
<input type="checkbox"/>	12x12				21x21	26x26
HxL (mm)	50x50	80x80	100x100	120x120	70x70	90x90
	6	7	8	8	8	8
Nº	<b>44.001</b>	<b>44.002</b>	<b>44.002.01</b>	<b>44.002.02</b>	<b>44.004</b>	<b>44.006</b>



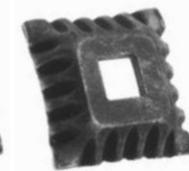
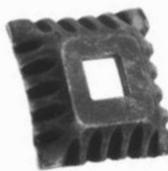
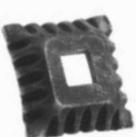
<input type="checkbox"/>	100x100	90x90	100x100	100x100	60x60	65x65
HxL (mm)	8	5	10	10	5	6
Nº	<b>44.008</b>	<b>44.010</b>	<b>44.011</b>	<b>44.013</b>	<b>44.014</b>	<b>44.017</b>



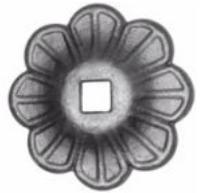
<input type="checkbox"/>	13x13					
HxL (mm)	65x65	100x100				
	6	4	4	4	4	4
Nº	<b>44.018</b>	<b>44.020</b>	<b>44.026</b>	<b>44.029</b>	<b>44.034</b>	



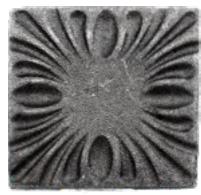
<input type="checkbox"/>	26x26					
HxL (mm)	Ø110	85x85	120x120	60x60	80x80	
	4	8	8	4	4	
Nº	<b>44.036</b>	<b>44.038</b>	<b>44.039</b>	<b>44.040</b>	<b>44.043</b>	



<input type="checkbox"/>	12,5x12,5	14,5x14,5	16,5x16,5	20,5x20,5	25,5x25,5	30,5x30,5	40,5x40,5
HxL (mm)	15x50x50	15x50x50	15x50x50	17x80x80	17x80x80	17x80x80	17x80x80
	4	4	4	4	4	4	4
Nº	<b>44.046</b>	<b>44.047</b>	<b>44.048</b>	<b>44.049</b>	<b>44.050</b>	<b>44.051</b>	<b>44.052</b>



<input type="checkbox"/>	40,5x20,5	40,5x30,5	14,5x14,5		12x12
HxL (mm)	17x80x80	17x80x80	Ø90	62x62	62x62
	4	4	4	2	2
N°	<b>44.053</b>	<b>44.054</b>	<b>44.060</b>	<b>44.066</b>	<b>44.067</b>



<input type="checkbox"/>	Ø75	60x60	<i>new</i>	100x100	<i>new</i>	140x120
HxL (mm)	2,5	8		8		3
N°	<b>44.074</b>	<b>44.077</b>		<b>44.078</b>		<b>44.079</b>



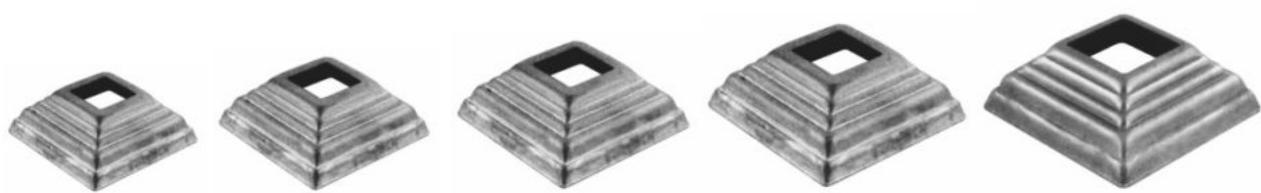
<input type="checkbox"/>	30,5x30,5	40,5x40,5	25,5x25,5	30,5x30,5	20,5x20,5
HxL (mm)	25x80x80	25x80x80	20x60x60	20x60x60	20x50x50
N°	<b>44.119</b>	<b>44.121</b>	<b>44.122</b>	<b>44.123</b>	<b>44.126</b>



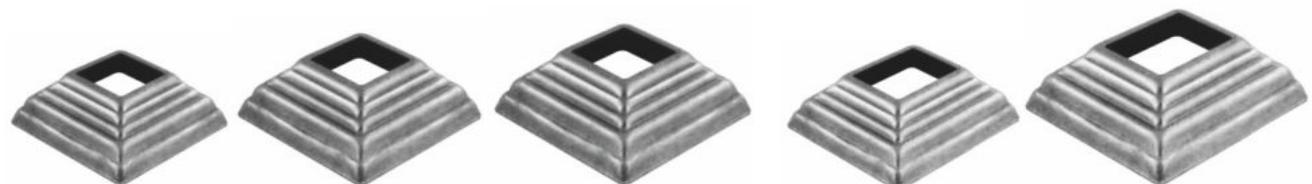
<input type="checkbox"/>	12,5x12,5	14,5x14,5	16,5x16,5			
HxL (mm)	15x40x40	15x40x40	15x40x40	Ø60x20	Ø40x20	Ø30x20
N°	<b>44.127</b>	<b>44.128</b>	<b>44.129</b>	<b>44.134</b>	<b>44.136</b>	<b>44.137</b>



<input type="checkbox"/>	Ø12,5	<i>new</i>	Ø14,5	<i>new</i>	Ø25	Ø32	Ø38	Ø42	Ø48	Ø51
HxL (mm)	20xØ50		20xØ50		25xØ80	25xØ80	30xØ97	30xØ97	30xØ97	30xØ110
	1		1		1	1	1	1	1	1
N°	<b>44.138</b>		<b>44.139</b>		<b>44.140</b>	<b>44.141</b>	<b>44.142</b>	<b>44.143</b>	<b>44.144</b>	<b>44.145</b>



<input type="checkbox"/>	14x14	16x16	20x20	25x25	30x30	40x40
HxL (mm)	19x44x44	19x44x44	22x57x57	30x80x80	30x80x80	30x90x90
	1	1	1	1	1	1
Nº	<b>44.147</b>	<b>44.148</b>	<b>44.149</b>	<b>44.150</b>	<b>44.151</b>	<b>44.152</b>



<input type="checkbox"/>	50x50	60x60	80x80	100x100	40x30	40x60	40x20	<b>new</b>
HxL (mm)	30x100x100	28x98x98	28x120x120	28x142x142	30x85x75	28x90x110	30x100x100	
	1	1	1	1	1	1	1	
Nº	<b>44.153</b>	<b>44.154</b>	<b>44.155</b>	<b>44.156</b>	<b>44.157</b>	<b>44.158</b>	<b>44.159</b>	



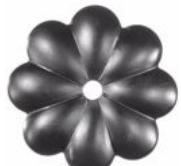
HxL (mm)	155x70	120x50	145x60	200x85	280x120	160x105
	4	4	4	4	4	6
Nº	<b>44.200</b>	<b>44.201</b>	<b>44.202</b>	<b>44.203</b>	<b>44.204</b>	<b>44.205</b>

	
HxL (mm)	160x102
	<b>3</b>
Nº	<b>44.206</b>
	<b>44.220</b>

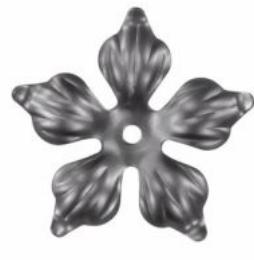


**1.14**
**kwiaty i liście • flowers and leaves • Blumen und Blätter • цветы и листья • květy a listy**

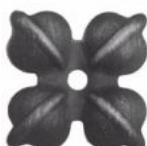

<input type="checkbox"/>					Ø10
HxL (mm)	Ø40	<i>new</i>	Ø95	Ø95	Ø62
	1,2		5	5	4
Nº	<b>50.000</b>		<b>50.001</b>	<b>50.003</b>	<b>50.004</b>
					<b>50.005</b>



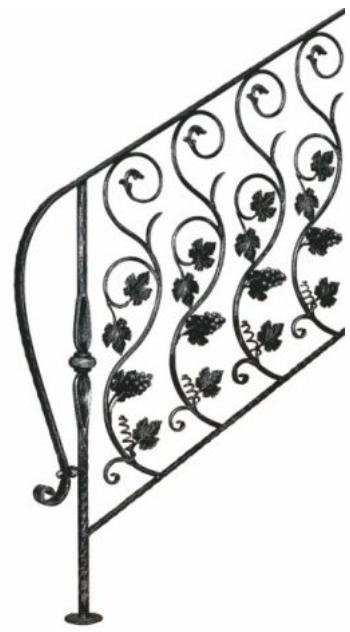
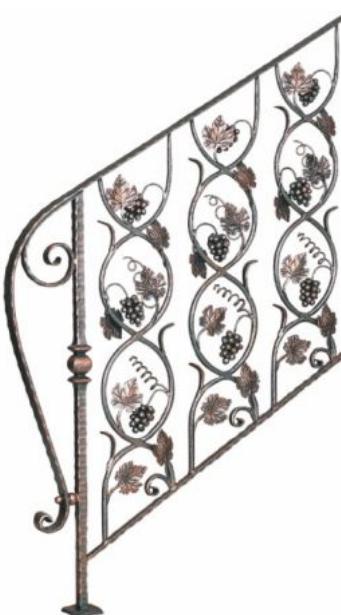
<input type="checkbox"/>	Ø10		Ø5,5	Ø12	Ø12
HxL (mm)	Ø90	Ø60	Ø68	Ø97	Ø120
	3	2	1,5	2	2
Nº	<b>50.006</b>	<b>50.009</b>	<b>50.010</b>	<b>50.011</b>	<b>50.012</b>

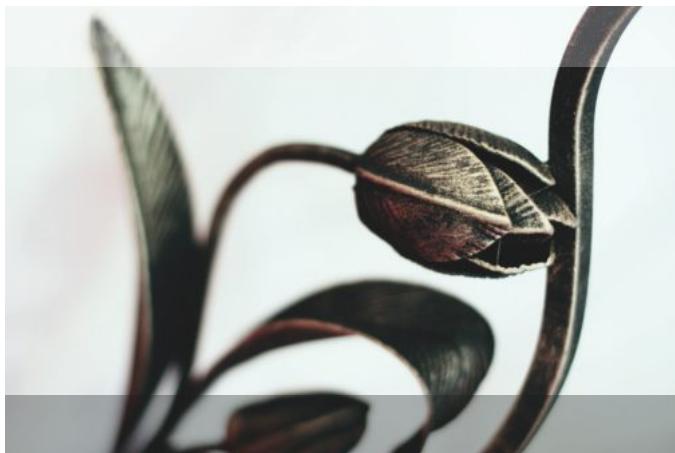


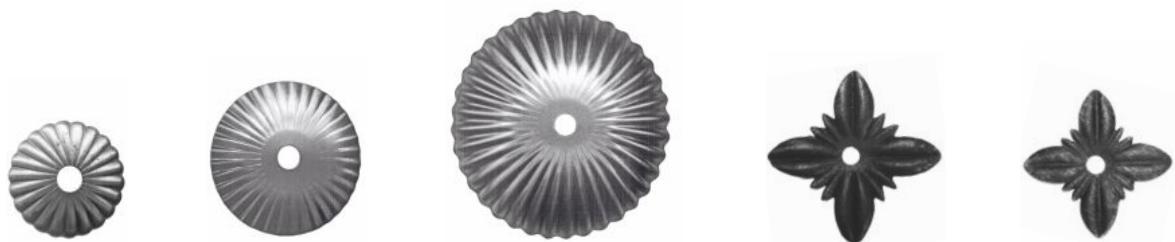
<input type="checkbox"/>	Ø10	Ø18			Ø10
HxL (mm)	Ø60	Ø95	Ø40	Ø90	Ø135
	3	3	4	2	2
Nº	<b>50.014</b>	<b>50.015</b>	<b>50.018</b>	<b>50.021</b>	<b>50.021.01</b>



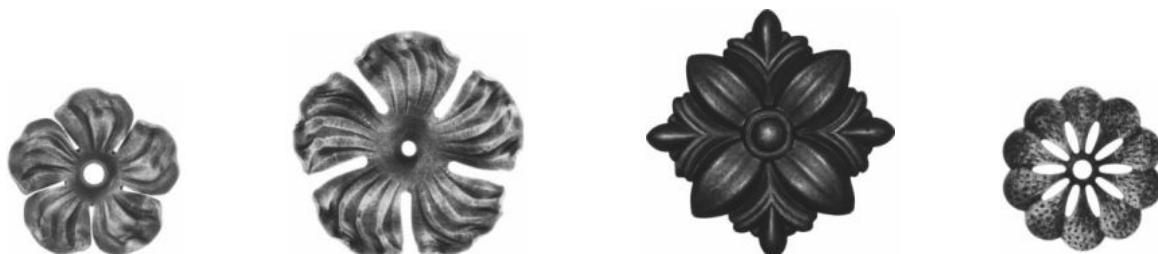
<input type="checkbox"/>	Ø10	Ø8	Ø8	Ø8
HxL (mm)	Ø85	Ø45	Ø70	Ø115
	2	1,5	1,5	1,5
Nº	<b>50.022</b>	<b>50.023</b>	<b>50.024</b>	<b>50.025</b>



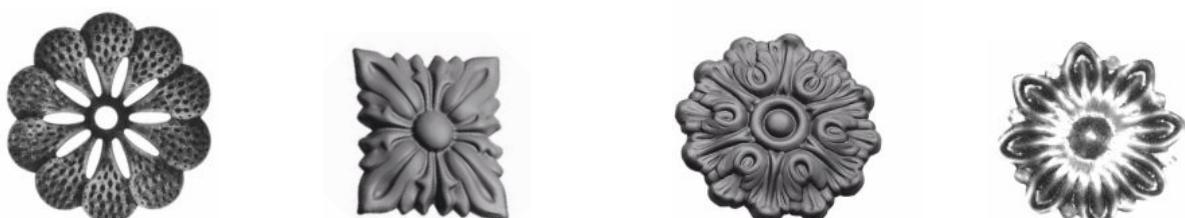




<input type="checkbox"/>	Ø46	Ø70	Ø115		
HxL (mm)	5	10	20	Ø80	Ø60
	1	1,5	1,5	1,5	1,5
Nº	<b>50.029</b>	<b>50.030</b>	<b>50.031</b>	<b>50.032</b>	<b>50.033</b>



HxL (mm)	Ø90	Ø120	Ø140 <i>new</i>	Ø68
	4	4	2	1,5
Nº	<b>50.042</b>	<b>50.043</b>	<b>50.046</b>	<b>50.048</b>



HxL (mm)	Ø95	80x75	Ø100	Ø95
	2	2	2	2
Nº	<b>50.049</b>	<b>50.050</b>	<b>50.051</b>	<b>50.052</b>



HxL (mm)	Ø85	Ø115	Ø95 <i>new</i>	67x73 <i>new</i>
	2	2	2	2
Nº	<b>50.054</b>	<b>50.055</b>	<b>50.056</b>	<b>50.057</b>



HxL (mm)

36x45



45x45



57x47



70x48

Nº

**50.061****50.062****50.063****50.064**

HxL (mm)

80x49

40x60

62x62

80x62

1,5

1,5

Nº

**50.065****50.066****50.067****50.068**

HxL (mm)

100x60

Ø60

Ø45

Ø30

1,5

1,5

1,5

Nº

**50.069****50.095****50.096****50.097**

HxL (mm)

450x160

100x70

240x140

60x45

240x140

55x30

Nº

**50.100****50.101****50.102****50.103****50.104****50.105**

						
HxL (mm)	70x50	50x40	45x33	300x70	50x50	70x50
Nº	2	2	1		1,5	2
	<b>50.106</b>	<b>50.107</b>	<b>50.108</b>	<b>50.109</b>	<b>50.110</b>	<b>50.111</b>
						<b>50.112</b>

					
HxL (mm)	400x150	460x170	480x210	490x250	270 x 40
Nº	2,5	2,5	2,5	2,5	270x40
	<b>50.113</b>	<b>50.114</b>	<b>50.115</b>	<b>50.116</b>	<b>50.117</b>
					<b>50.118</b>

				
HxL (mm)	190x115	135x50	85x40	65x30
Nº	1	3	3	3
	<b>50.120</b>	<b>50.121</b>	<b>50.122</b>	<b>50.122.01</b>
				<b>50.123</b>

				
HxL (mm)	140x85	100x90	100x40	60x115
Nº	<b>50.124</b>	<b>50.124.01</b>	<b>50.125</b>	<b>50.130</b>
				<b>50.131</b>

						
HxL (mm)	115x70	85x50	260x250	220x210	180x170	
	2	2	2	2	2	2
Nº	<b>50.133</b>	<b>50.134</b>	<b>50.135</b>	<b>50.136</b>	<b>50.137</b>	<b>50.138</b>

					
HxL (mm)	380x150	340x140	130x40	115x40	90x30
	3	3	3	3	3
Nº	<b>50.141</b>	<b>50.142</b>	<b>50.143</b>	<b>50.143.01</b>	<b>50.143.02</b>

						
□	Ø20x75x20	Ø20x75x75	48x27x2	49x36x2	70x48x2	70x48x2
Nº	<b>50.144</b>	<b>50.146</b>	<b>50.147(L1)</b>	<b>50.148(L2)</b>	<b>50.149</b>	<b>50.149a(L3B)</b>

						
HxL (mm)	175x95	145x75	100x55	Ø25x70	Ø20x56	65x45
	2	2	2			5
Nº	<b>50.150</b>	<b>50.151</b>	<b>50.152</b>	<b>50.153</b>	<b>50.154</b>	<b>50.155</b>

							
HxL (mm)	150x150	115x125	85x95	70x70	105x100	75x75	50x50
	2,5	2	2	1,5	1,5	1,5	1,5
Nº	<b>50.156</b>	<b>50.157</b>	<b>50.158</b>	<b>50.159</b>	<b>50.160</b>	<b>50.161</b>	<b>50.162</b>



160x60  
Nº 50.165



120x60  
50.166



Ø12x300x190  
50.175



Ø12x300x190  
50.176



HxL (mm) 130x195  
2  
Nº 50.181



155x105  
2  
50.182



115x75  
2  
50.183



235x230  
2,5  
50.184



210x180  
2,5  
50.185



140x110  
2,5  
50.186



85x45  
5  
50.187



HxL (mm) 410x165  
2  
Nº 50.188



275x105  
2  
50.189



250x45  
2  
50.190



160x110  
2  
50.191



HxL (mm) 210x75  
3  
Nº 50.195



200x110  
3  
50.196



200x110  
3  
50.197



500  
2  
50.198



305  
2  
50.199



200x115  
2  
50.200



145x90  
2  
50.201



HxL (mm)	175x166	150x142	120x140	90x105	60x70
	2 	2 	2,5	2,5	2,5
Nº	<b>50.209</b>	<b>50.210</b>	<b>50.211</b>	<b>50.212</b>	<b>50.213</b>



HxL (mm)	125x35	340x70	340x55
	2 		
Nº	<b>50.220</b>	<b>50.214</b>	<b>50.215</b>



HxL (mm)	190x200	165x155	130x125	100x95
	2 	2 	2 	2 
Nº	<b>50.216</b>	<b>50.217</b>	<b>50.218</b>	<b>50.219</b>

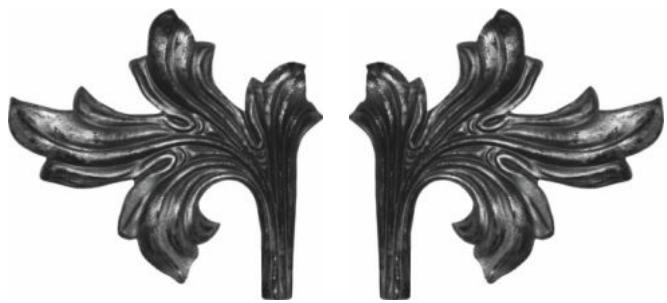


HxL (mm)	240x60	210x55	180x45	50xØ30
	1,5 	1,5 	1,5 	
Nº	<b>50.222</b>	<b>50.223</b>	<b>50.224</b>	<b>50.225</b>

			
HxL (mm) 2 <b>50.229</b>	130x55 2 <b>50.230</b>	130x55 2 <b>50.231</b>	130x135 2 <b>50.232</b>
			

				
HxL (mm) 2,5 <b>50.236</b>	200x140 2,5 <b>50.237</b>	190x70 2,5 <b>50.238</b>	260x150 2,5 <b>50.239</b>	370x120 2,5 <b>50.240</b>
				

				
HxL (mm) 2,5 <b>50.241</b>	350x60 2,5 <b>50.242</b>	350x60 2,5 <b>50.243</b>	280x85 2,5 <b>50.244</b>	250x50 2,5 <b>50.245</b>
				



HxL (mm)	170x190	<b>new</b>	170x190	<b>new</b>	200x210	<b>new</b>	200x210	<b>new</b>
	2,5		2,5		2,5		2,5	
N°	<b>50.253</b>		<b>50.254</b>		<b>50.255</b>		<b>50.256</b>	



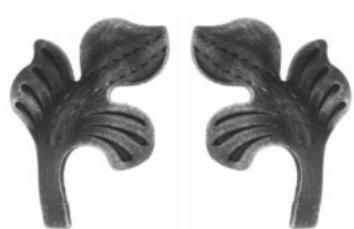
HxL (mm)	270x100	<b>new</b>	270x100	<b>new</b>	100x50	100x50	80x80	80x80
	2,5		2,5		2,5	2,5	2	2
N°	<b>50.257</b>		<b>50.258</b>		<b>51.003</b>	<b>51.004</b>	<b>51.005</b>	<b>51.006</b>



HxL (mm)	100x90	100x90	80x60	80x60	120x100	120x100
	2	2	2	2	2	2
N°	<b>51.015</b>	<b>51.016</b>	<b>51.017</b>	<b>51.018</b>	<b>51.019</b>	<b>51.020</b>



HxL (mm)	190x60	190x60		110x40	110x40		90x30	90x30
	2	2		2	2		2	2
Nº	<b>51.059</b>	<b>51.060</b>		<b>51.061</b>	<b>51.062</b>		<b>51.063</b>	<b>51.064</b>



HxL (mm)	80x60	80x60	55x70	55x70	110x75	110x75
	2	2	2	2	2	2
Nº	<b>51.069</b>	<b>51.070</b>	<b>51.073</b>	<b>51.074</b>	<b>51.077</b>	<b>51.078</b>



HxL (mm)	110x75	<b>new</b>	108x45	155x65	100x72
	3		2	2	2
Nº	<b>51.079</b>		<b>51.080</b>	<b>51.082</b>	<b>51.083</b>



HxL (mm)	160x85	160x85	130-160x85	160x40
	2	2	<b>new</b>	2,5
Nº	<b>51.084</b>	<b>51.085</b>	<b>51.089</b>	<b>51.097</b>



HxL (mm)	280x50	105x50	135x32	165x60
	2,5	3	3	3
Nº	<b>51.098</b>	<b>51.099</b>	<b>51.101</b>	<b>51.102</b>



HxL (mm)	165x70	300x70	275x50	430x110
	4	4	4	6
Nº	<b>51.103</b>	<b>51.104</b>	<b>51.105</b>	<b>51.106</b>



HxL (mm)	330x100	330x100	364x100	150x80
	5	5	2 <i>new</i>	1,5
Nº	<b>51.107</b>	<b>51.108</b>	<b>51.108.01</b>	<b>51.110</b>



HxL (mm)	160x90	160x90	215x175	215x175
	5	5	4	4
Nº	<b>51.113</b>	<b>51.114</b>	<b>51.115</b>	<b>51.116</b>



HxL (mm)	200x95	200x95	295x175	295x175
	2	2	2	2
Nº	<b>51.121</b>	<b>51.122</b>	<b>51.123</b>	<b>51.124</b>



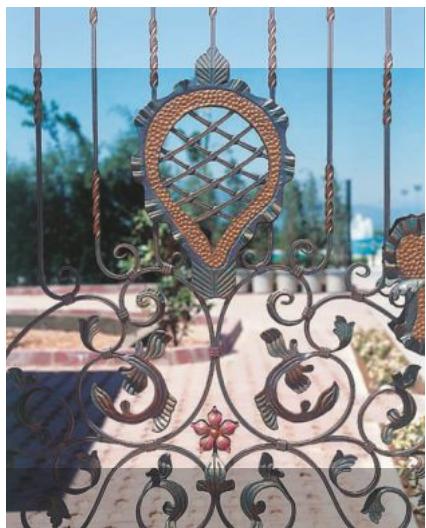
HxL (mm)	230x135	230x135	164x130	164x130	240x140	240x140
	2	2	2	2	2	2
Nº	<b>51.125</b>	<b>51.126</b>	<b>51.127</b>	<b>51.128</b>	<b>51.129</b>	<b>51.130</b>



HxL (mm)	245x130	242x170	180x170	180x170
	2	2	2	2
Nº	<b>51.131</b>	<b>51.132</b>	<b>51.133</b>	<b>51.134</b>



HxL (mm)	260x75	240x85	240x85	255x70	235x85
	2	2	2	2	2
Nº	<b>51.140</b>	<b>51.141</b>	<b>51.142</b>	<b>51.143</b>	<b>51.144</b>



HxL (mm)	275x50	240x70	<i>new</i>	110x95	110x95
2	2	2		2	2
Nº	<b>51.145</b>	<b>51.147</b>		<b>51.153</b>	<b>51.154</b>



HxL (mm)	220x80	220x80	Ø160	85x75	210x120
2	2	2	2	2	5
Nº	<b>51.157</b>	<b>51.158</b>	<b>51.235</b>	<b>51.236</b>	<b>51.203</b>



HxL (mm)	340x210	340x210	310x100	450x300
Nº	2	2	1	1
	<b>51.240</b>	<b>51.241</b>	<b>51.410</b>	<b>51.412</b>



HxL (mm)	255x230
Nº	1
	<b>51.411</b>

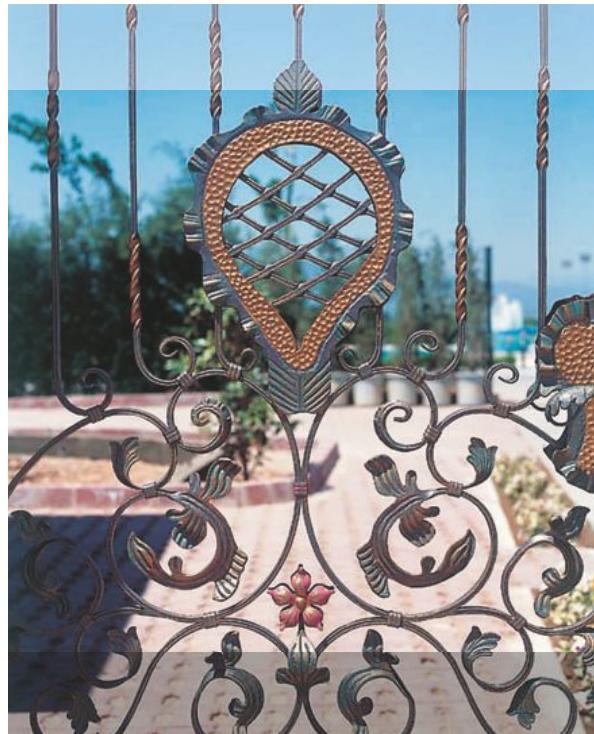


HxL (mm)	146x146
Nº	1
	<b>51.420</b>





HxL (mm)	410x65	410x65
	1	1
Nº	<b>51.426</b>	<b>51.425</b>



HxL (mm)	170x340
	1
Nº	<b>51.416</b>



HxL (mm)	110x110
	1
Nº	<b>51.418</b>



HxL (mm)	146x146
	1
Nº	<b>51.420</b>



HxL (mm)	120x570
	1
Nº	<b>51.427</b>



HxL (mm)	184x184
	1
Nº	<b>51.421</b>



HxL (mm)	72x1000
	1
Nº	<b>51.448</b>



HxL (mm)	80x100
	1
Nº	<b>51.449</b>



HxL (mm)	225x305	225x40
	2	2
Nº	<b>51.451</b>	<b>51.452</b>



## 1.15

odlewy ze staliwa • cast steel items • Stalguss • литая сталь • odlitky z lité oceli



HxL (mm)	85x70	85x70	105x95	105x95	270x110	270x110
	4	4	3	3	4	4
Nº	<b>52.001</b>	<b>52.002</b>	<b>52.003</b>	<b>52.004</b>	<b>52.005</b>	<b>52.006</b>



HxL (mm)	140x65	140x65	150x130	150x130
	4	4	4	4
Nº	<b>52.009</b>	<b>52.010</b>	<b>52.011</b>	<b>52.012</b>



HxL (mm)	140x110	140x110	190x160	190x160	155x140	155x140
	4	4	4	4	4	4
Nº	<b>52.013</b>	<b>52.014</b>	<b>52.015</b>	<b>52.016</b>	<b>52.017</b>	<b>52.018</b>



HxL (mm)	250x150	250x150	220x105	220x105	180x85	180x85
	4	4	4	4	4	4
Nº	<b>52.019</b>	<b>52.020</b>	<b>52.021</b>	<b>52.022</b>	<b>52.023</b>	<b>52.024</b>



HxL (mm)	165x105	165x105	200x125	200x125
	4	4	4	4
Nº	<b>52.025</b>	<b>52.026</b>	<b>52.027</b>	<b>52.028</b>



HxL (mm)	215x140	170x75	220x180	185x80
	4	4	4	4
Nº	<b>52.029</b>	<b>52.030</b>	<b>52.031</b>	<b>52.032</b>



HxL (mm)	235x105	225x130	225x130	155x55	155x55
	4	4	4	4	4
Nº	<b>52.034</b>	<b>52.035</b>	<b>52.036</b>	<b>52.037</b>	<b>52.038</b>



HxL (mm)  
115x55  
4  
Nº **52.043**



190x60  
4  
**52.044**



175x50  
4  
**52.045**



HxL (mm)  
135x75  
4  
Nº **52.047**



160x45  
4  
**52.048**



240x150  
4  
**52.049**



240x150  
4  
**52.050**



HxL (mm)  
Ø160  
4  
Nº **52.130**



Ø90x60  
4  
**52.131**



Ø8  
Ø90  
3  
**52.132**



Ø90  
5  
**52.133**



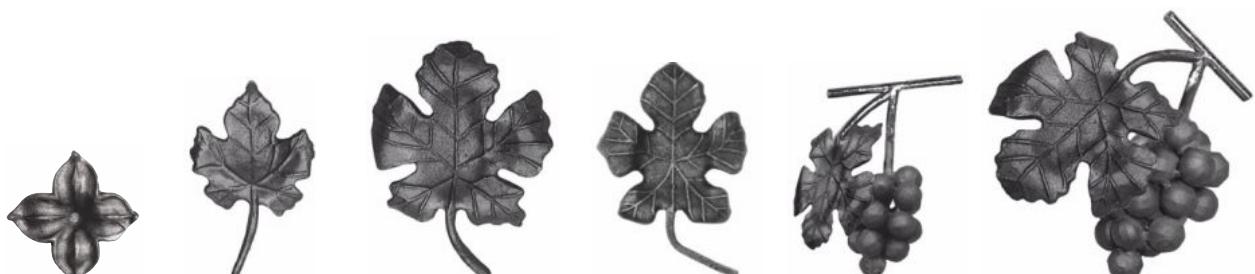
HxL (mm)  
Ø115  
5  
Nº **52.134**



85x80  
3  
**52.135**



92x78  
4  
**52.137**



HxL (mm)	Ø55	125x75	155x110	135x85	170x100	200x140
	4	3	4	4		
Nº	<b>52.139</b>	<b>52.201</b>	<b>52.202</b>	<b>52.203</b>	<b>52.211</b>	<b>52.212</b>



HxL (mm)	180x28	160x43	Ø90	Ø55	Ø90	85x70
	Ø5	Ø5	8	8	8	8
Nº	<b>52.216</b>	<b>52.217</b>	<b>52.300</b>	<b>52.301</b>	<b>52.305</b>	<b>52.306</b>



HxL (mm)	Ø100	Ø130	220x130	220x130	185x90	165x125
	8		4	4	8	8
Nº	<b>52.307</b>	<b>52.310</b>	<b>52.402</b>	<b>52.403</b>	<b>52.404</b>	<b>52.405</b>



HxL (mm)	195x100	220x145
	8	12
Nº	<b>52.406</b>	<b>52.420</b>





HxL (mm)	Ø80	85x45	70x35	60x110
	0,5	0,5	0,5	1
Nº	<b>53.000</b>	<b>53.008</b>	<b>53.009</b>	<b>53.016</b>



## 1.16 odlewy z żeliwa • cast iron items • Gusseisenwaren • чугунные элементы • odlitky z litiny

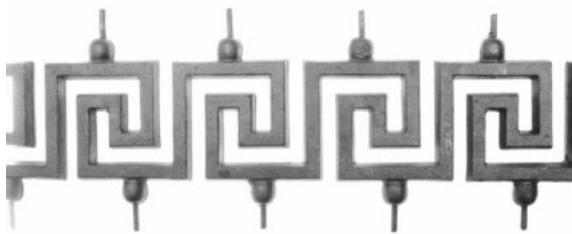


<input type="checkbox"/>	14x14	14x14	14x14	14x14
HxL (mm)	380x190	400x190	455x200	190x150
Nº	<b>55.001</b>	<b>55.003</b>	<b>55.005</b>	<b>55.006</b>

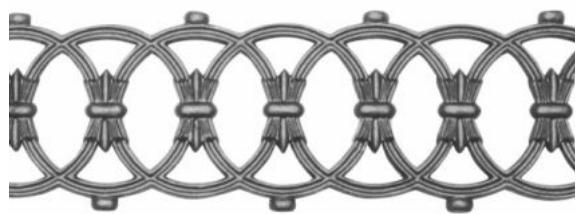


<input type="checkbox"/>	14x14	14x14	14x14
HxL (mm)	280x130	315x220	280x195
Nº	<b>55.007</b>	<b>55.008</b>	<b>55.009</b>





□ 500x140  
Nº 55.030



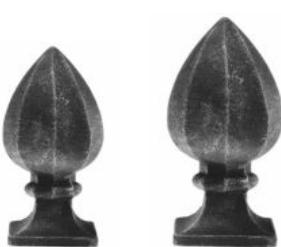
870x150  
55.031



HxL (mm)  
Ø120  
Nº 55.050



Ø100  
210x110  
55.100



HxL (mm)  
40x40  
87  
Nº 55.101



50x50  
110  
55.102



60x60  
135  
55.103



80x80  
165  
55.104



100x100  
180  
55.105

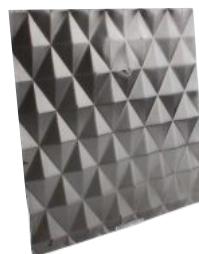


250x160  
250x160  
55.200

## 1.17 blachy ozdobne



HxL (mm)  
tniemy pod wymiar  
1,2  
Nº 56.010.12



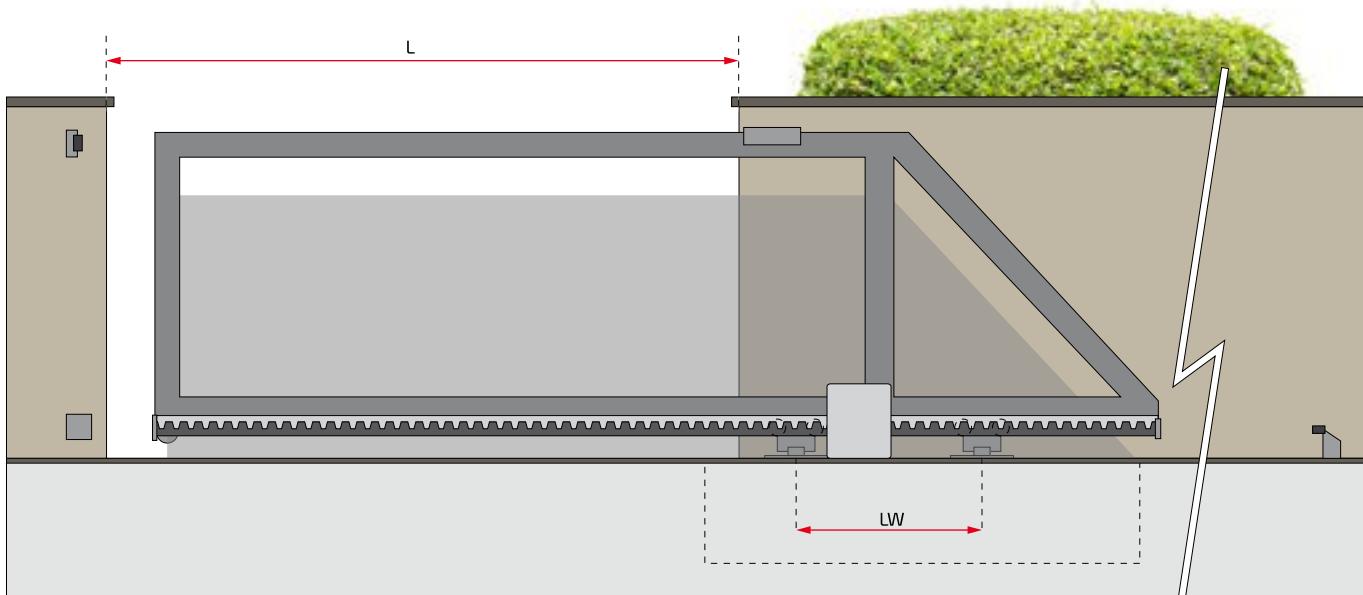
tniemy pod wymiar  
1,2  
56.020.12



tniemy pod wymiar  
1,2  
56.030.12

2.01

wózki i akcesoria • cantilever gate carriages, accessories • Wagen, Zubehör  
• коляски и аксессуары • vodící vozíky a příslušenství



**L** Długość bramy w świetle (m)  
Opening width /  
Ширина проема /  
Torbreite zwischen den Pfosten

**LW** Rozstaw wózków w osiach (m)  
Spacing of carriages /  
Расстояние между несущими каретками /  
Achsabstand der Wagen

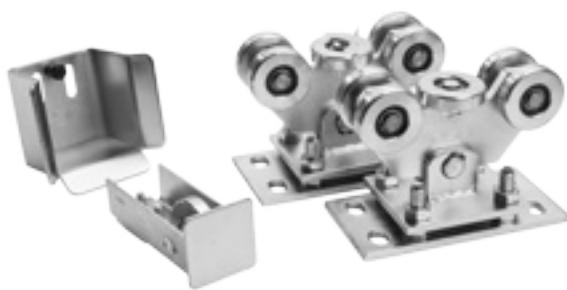


## Pakiet wózków 60 plus akcesoria Cantilever gate carriages with accessories / Комплект кареток плюс аксессуары / Schiebetorsystemset

<b>60.00E.60</b>	2 x 60.008.60 ( str./pag. 19 )	60.011.60 ( str./pag. 24 )	60.020 ( str./pag. 25 )
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**L** (m) Długość bramy w świetle  
Opening width / Ширина проема / Torbreite zwischen den Pfosten

<b>P</b> (kg ) Waga bramy Weight of gate / Вес ворот / Torgewicht	2,0 m	2,5 m	3,0 m	3,5 m	4,0 m
	<b>LW</b> (m) Rozstaw wózków w osiach Spacing of carriages / Растояние между несущими каретками / Achsabstand der Wagen				
100	0,50	0,60	0,70	0,80	0,90
125	0,60	0,80	0,90	1,00	1,20
150	0,80	0,90	1,00	1,20	1,40
175	1,00	1,20	1,40	1,50	1,70
200	1,10	1,30	1,70	1,90	2,00



**Pakiet wózków 70 plus akcesoria**  
Cantilever gate carriages with accessories /  
Комплект караток плюс аксессуары / Schiebetorsystemset

<b>60.00E.70</b>	2 x 60.008.70 ( str./pag. 19 )	60.011.70 ( str./pag. 24 )	60.020 ( str./pag. 25 )
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**L (m) Długość bramy w świetle**  
Opening width / Ширина проема / Torbreite zwischen den Pfosten

<b>P (kg) Waga bramy</b> Weight of gate / Вес ворот / Torgewicht	3,0 m	3,5 m	4,0 m	4,5 m	5,0 m
Spacing of carriages / Растояние между несущими каратками / Achsabstand der Wagen					
200	1,00	1,15	1,30	1,50	1,65
225	1,10	1,30	1,50	1,70	1,90
250	1,30	1,50	1,70	1,90	2,10
275	1,40	1,60	1,80	2,00	2,30
300	1,60	1,80	2,00	2,25	2,50



**Pakiet wózków 80 plus akcesoria**  
Cantilever gate carriages with accessories /  
Комплект караток плюс аксессуары / Schiebetorsystemset

<b>60.00E.80</b>	2 x 60.008.80 ( str./pag. 20 )	60.011.80 ( str./pag. 24 )	60.020 ( str./pag. 25 )
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**L (m) Długość bramy w świetle**  
Opening width / Ширина проема / Torbreite zwischen den Pfosten

<b>P (kg) Waga bramy</b> Weight of gate / Вес ворот / Torgewicht	3,5 m	4,0 m	4,5 m	5,0 m	5,5 m
Spacing of carriages / Растояние между несущими каратками / Achsabstand der Wagen					
300	1,35	1,50	1,70	1,90	2,10
325	1,50	1,70	1,90	2,10	2,30
350	1,70	1,90	2,10	2,30	2,50
375	1,80	2,00	2,20	2,50	2,80
400	1,90	2,20	2,40	2,70	3,00

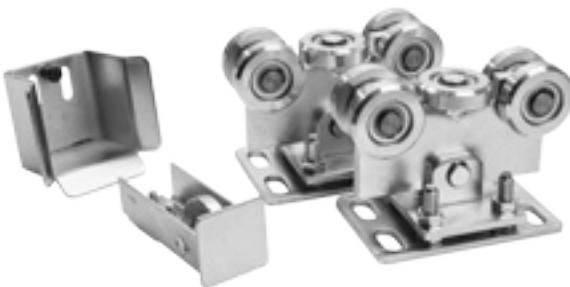


**Pakiet wózków 70 plus akcesoria**  
Cantilever gate carriages with accessories /  
Комплект караток плюс аксессуары / Schiebetorsystemset

<b>60.00P.70</b>	2 x 60.003.70 ( str./pag. 17 )	60.011.70 ( str./pag. 24 )	60.020 ( str./pag. 25 )
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**L (m) Długość bramy w świetle**  
Opening width / Ширина проема / Torbreite zwischen den Pfosten

<b>P (kg) Waga bramy</b> Weight of gate / Вес ворот / Torgewicht	3,5 m	4,0 m	4,5 m	5,0 m	5,5 m	6,0m
Spacing of carriages / Растояние между несущими каратками / Achsabstand der Wagen						
350	1,40	1,60	1,80	2,00	2,20	2,40
400	1,60	1,80	2,00	2,20	2,50	2,80
450	1,90	2,20	2,40	2,70	3,00	3,30
500	2,20	2,50	2,80	3,10	3,40	3,70



Pakiet wózków 80 plus akcesoria  
Cantilever gate carriages with accessories /  
Комплект кареток плюс аксессуары / Schiebetorsystemset

**60.00P.80**

2 x 60.003

( str./pag. 17 )

60.011.80

( str./pag. 24 )

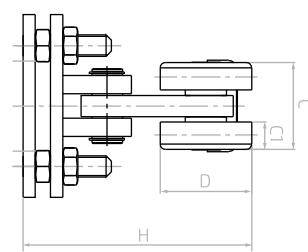
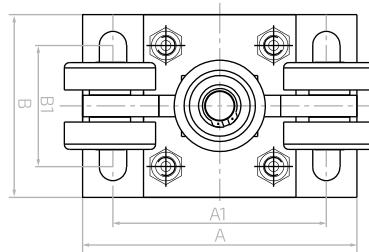
60.020

( str./pag. 25 )

**P (kg)** Waga bramy  
Weight of gate /  
Вес ворот /  
Torgewicht

3,5 m

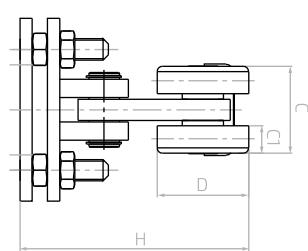
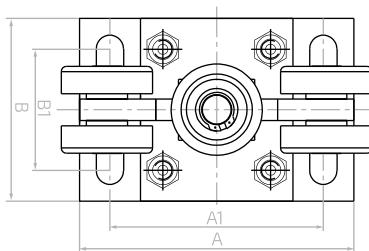
	4,0 m	4,5 m	5,0 m	5,5 m	6,0m
400	1,25	1,40	1,55	1,75	1,90
450	1,40	1,60	1,80	2,00	2,20
500	1,60	1,80	2,00	2,30	2,50
550	1,75	2,00	2,25	2,50	2,75
600	1,95	2,20	2,40	2,70	3,00



Wózek jezdny 80 z dużą płytą rolki stalowe i z tworzywa

Cantilever gate carriage big plate / Роликовая каретка с большой плитой / Laufrollenbock, große Platte

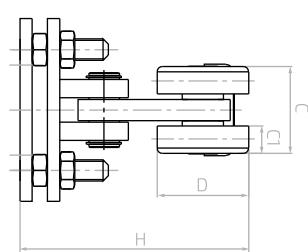
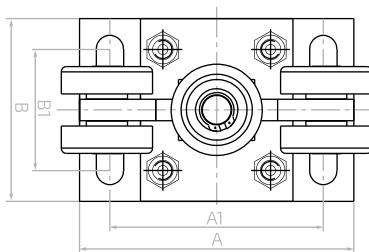
	A	A1	B	B1	H	C	C1	D
<b>60.000</b>	300	250	120	65	160	62	18	68



Wózek jezdny 80 z dużą płytą rolki z tworzywa

Cantilever gate carriage big plate / Роликовая каретка с большой плитой / Laufrollenbock, große Platte

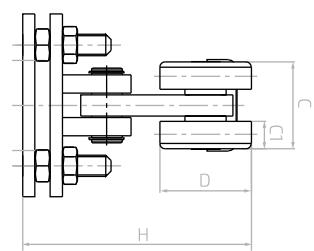
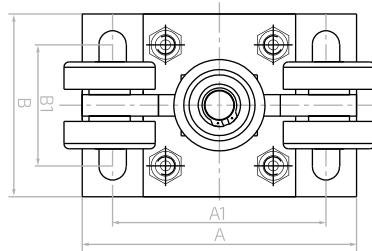
	A	A1	B	B1	H	C	C1	D
<b>60.000.01</b>	300	250	120	65	160	62	22	68



Wózek jezdny 80 rolki stalowe

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

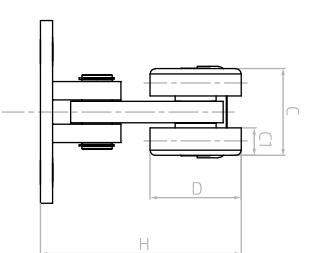
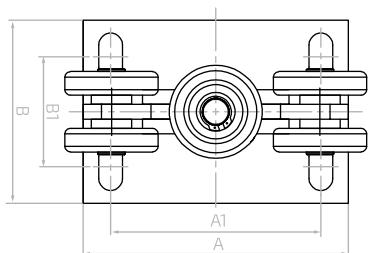
	A	A1	B	B1	H	C	C1	D
<b>60.001</b>	180	140	120	65	142	62	18	68



**Wózek jezdny 80 rolki z tworzywa**

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

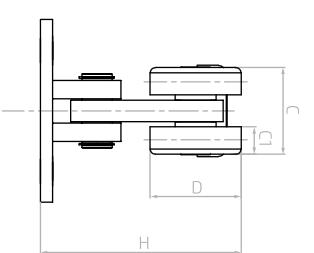
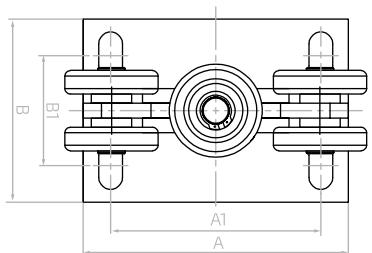
	A	A1	B	B1	H	C	C1	D
<b>60.001.01</b>	180	140	120	65	142	62	22	68



**Wózek jezdny 80 rolki stalowe**

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

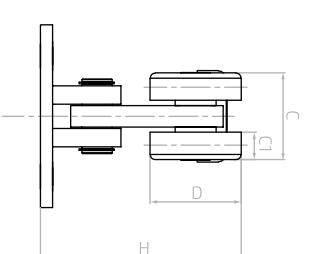
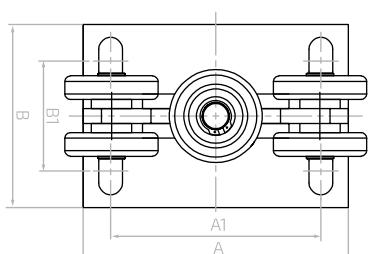
	A	A1	B	B1	H	C	C1	D
<b>60.002</b>	180	140	120	65	140	60	18	68



**Wózek jezdny 80 rolki z tworzywa**

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

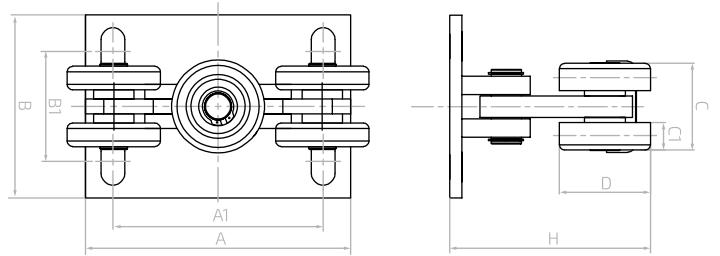
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<b>60.002.01</b>	180	140	120	65	140	60	22	68



**Wózek jezdny 70 rolki stalowe**

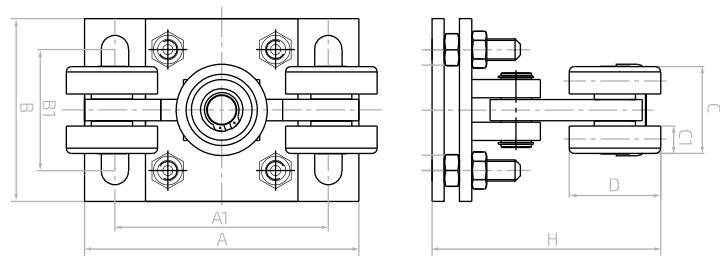
Cantilever gate carriage / Роликовая каретка / Laufrollenbock

	A	A1	B	B1	H	C	C1	D
<b>60.002.70</b>	180	140	120	65	134	60	18	60



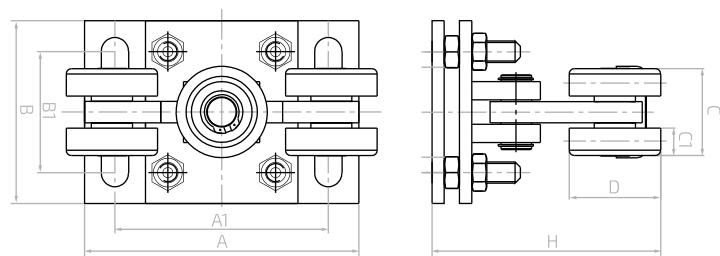
Wózek jezdny 70 rolki z tworzywa  
Cantilever gate carriage / Роликовая каретка / Laufrollenbock

	A	A1	B	B1	H	C	C1	D
<b>60.002.70.01</b>	180	140	120	65	134	60	22	60



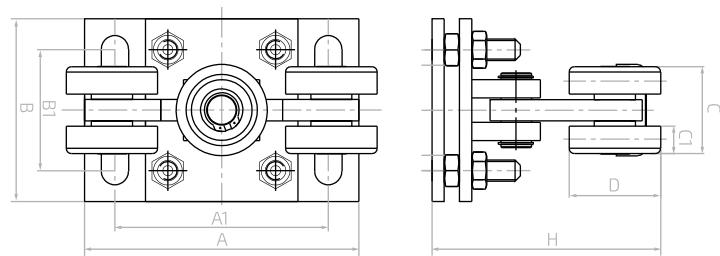
Wózek jezdny 80 rolki stalowe  
Cantilever gate carriage / Роликовая каретка / Laufrollenbock

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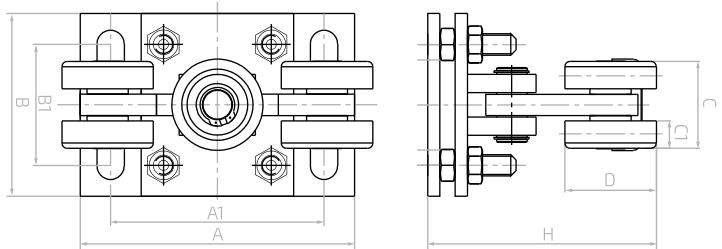
Wózek jezdny 80 rolki z tworzywa  
Cantilever gate carriage / Роликовая каретка / Laufrollenbock

	A	A1	B	B1	H	C	C1	D
<b>60.003.01</b>	180	140	120	70	155	62	22	68



Wózek jezdny 80 z regulacją rolki stalowe  
Adjustable cantilever gate carriage / Роликовая каретка с регулировкой / Laufrollenbock einstellbar

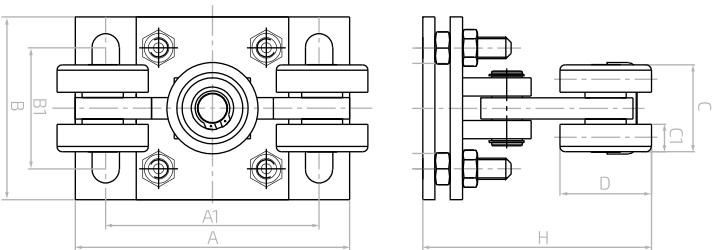
	A	A1	B	B1	H	C	C1	D
<b>60.003.0R</b>	180	140	120	65	155	62	18	68



**Wózek jezdny 70 rolki stalowe**

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

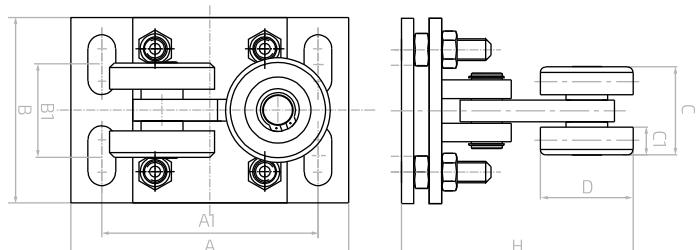
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<b>60.003.70</b>	180	140	120	65	150	58	18



**Wózek jezdny 70 rolki z tworzywa**

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

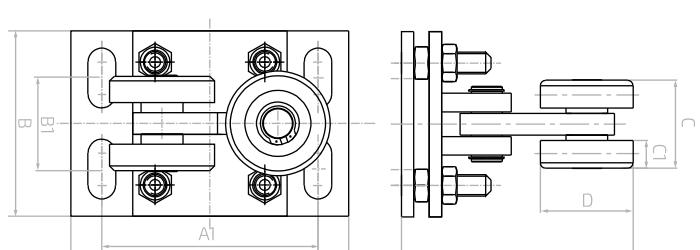
A	A1	B	B1	H	C	C1	D
<b>60.003.70.01</b>	180	140	120	65	150	58	22



**Wózek jezdny 80 rolki stalowe**

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

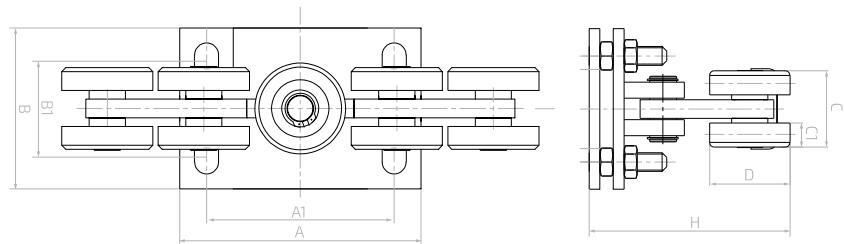
A	A1	B	B1	H	C	C1	D
<b>60.004</b>	180	140	120	65	145	62	18



**Wózek jezdny 70 rolki stalowe**

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

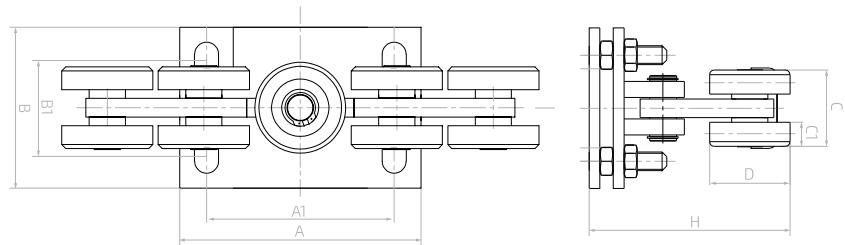
A	A1	B	B1	H	C	C1	D
<b>60.004.70</b>	180	140	120	65	140	58	18



Wózek jezdny 80 rolki stalowe

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

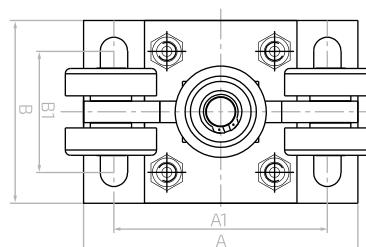
	A	A1	B	B1	H	C	C1	D
<b>60.007</b>	180	140	120	65	155	62	18	68



Wózek jezdny 80 rolki z tworzywa

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

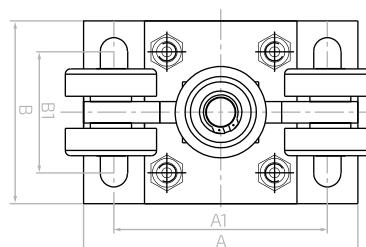
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<b>60.007.01</b>	180	140	120	65	155	62	22	68



Wózek jezdny 60 rolki stalowe

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

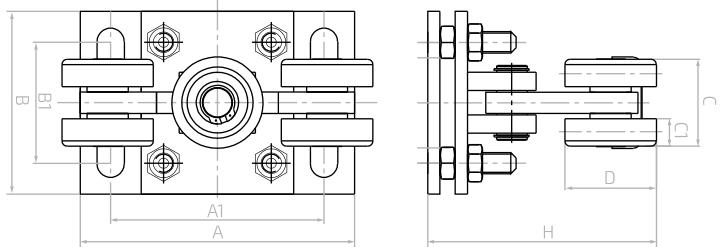
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<b>60.008.60</b>	145	110	100	80	150	44	13	51



Wózek jezdny 70 rolki stalowe

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

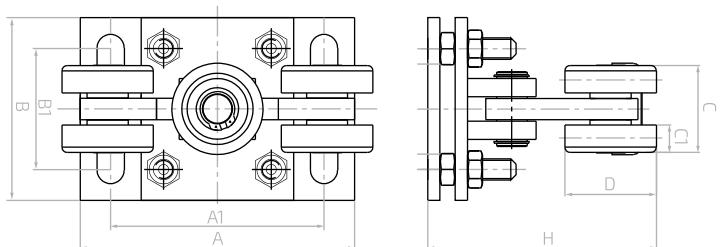
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<b>60.008.70</b>	200	150	100	60	150	60	15	60



**Wózek jezdny 80 rolki stalowe**

Cantilever gate carriage / Роликовая каретка / Laufrollenbock

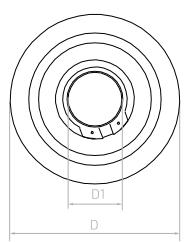
	A	A1	B	B1	H	C	C1	D
<b>60.008.80</b>	200	155	100	60	150	60	16	68



**Wózek jezdny 80 z regulacją rolki stalowe**

Adjustable cantilever gate carriage / Роликовая каретка с регулировкой / Laufrollenbock einstellbar

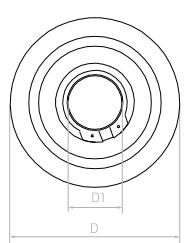
	A	A1	B	B1	H	C	C1	D
<b>60.008.8R</b>	200	150	100	60	150	60	16	68



**Kółko zapasowe stalowe**

Plastic spare wheel / Пластиковое запасное колесико / Kunststofersatzrolle

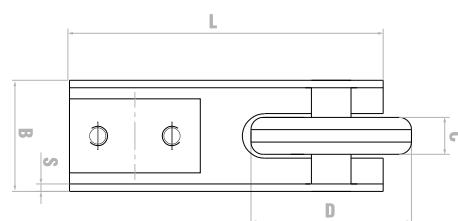
	A	D	D1
<b>60.009</b>	18	68	20
<b>60.009.70</b>	18	60	20



**Kółko zapasowe z tworzywa**

Plastic spare wheel / Пластиковое запасное колесико / Kunststofersatzrolle

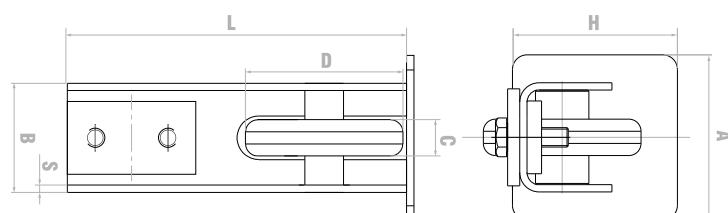
	A	D	D1
<b>60.009.01</b>	22	68	20
<b>60.009.70.01</b>	22	60	20



Rolka najazdowa 70/80

Guide wheel / Ролик для направляющего рельса / Auflaufrolle

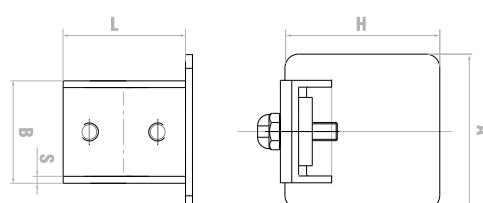
	B	C	D	S	L
<b>60.010</b>	62	18	68	3	120



Rolka najazdowa z zakończeniem

Guide wheel with end cap / Концевой ролик / Abgeschlossene Auflaufrolle

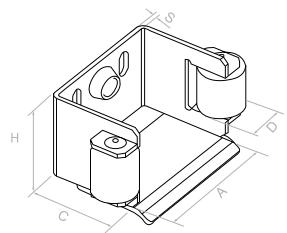
	B	H	A	C	D	L	S
<b>60.011.60</b>	52	60	60	13	51	142	3
<b>60.011.70</b>	52	70	70	15	60	142	3
<b>60.011.80</b>	62	80	80	16	68	148	3



Zakończenie proilu

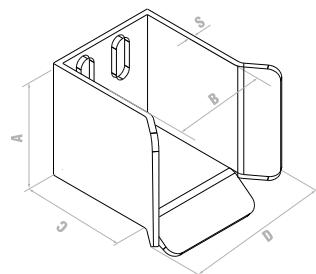
End cap / Окончание профиля / Torprofilabdeckung

	B	A	D	L	S
<b>60.012.60</b>	52	60	60	57	3
<b>60.012.70</b>	52	70	70	57	3
<b>60.012.80</b>	52	80	80	57	3



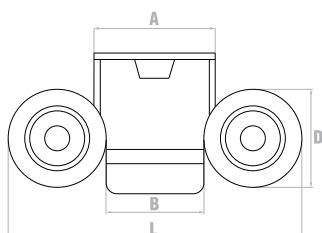
**Uchwyty najazdu 70/80**  
Cup for rail / Ловитель / Auflaufschuh

	A	C	D	H	S
<b>60.019</b>	100	90	40	80	4



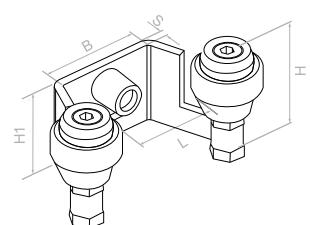
**Uchwyty najazdu 70/80**  
Cup for rail / Ловитель / Auflaufschuh

	A	B	C	D	S
<b>60.020</b>	100	92	100	100	4



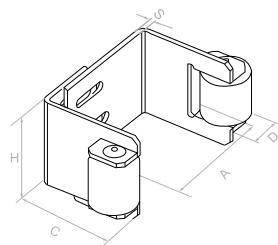
**Uchwyty najazdu 70/80**  
Cup for rail / Ловитель / Auflaufschuh

	A	L	B	D	S
<b>60.021</b>	102	226	84	71	4



**Uchwyty bramy**  
End stop / Ловитель ворот / Einlaufgabel

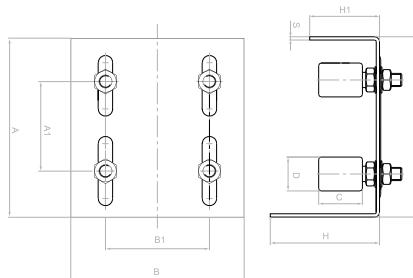
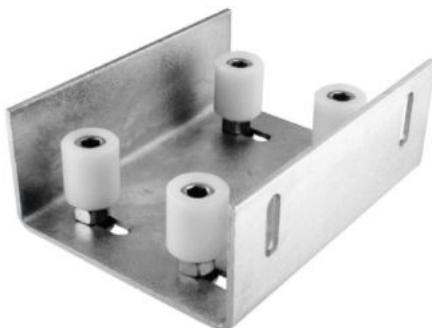
	L	B	H	H1	S
<b>60.022</b>	42	65	65	50	5
<b>60.023</b>	60	65	65	50	5
<b>60.024</b>	80	84	65	50	5



**Uchwyty bramy regulowane 55-90**

Adjustable end stop / Регулируемый ловитель ворот / Einlaufgabel einstellbar

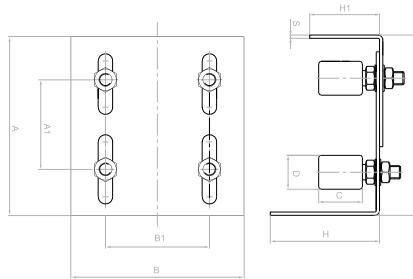
	A	H	C	S	D
<b>60.025</b>	55-90	80	95	4	41



**Prowadzenie górne stałe**

Fixed gate guide / Верхние поддерживающие ролики / Laufrollenbock fest

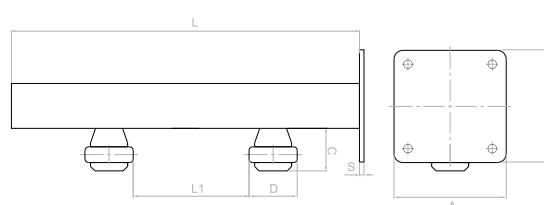
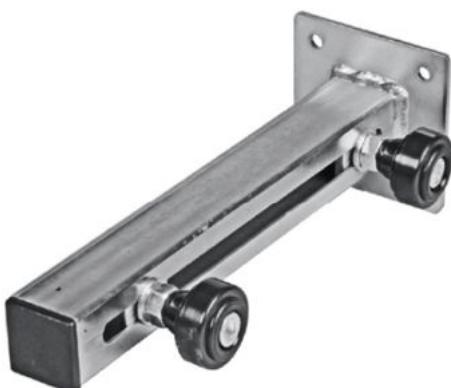
	A	A1	B	B1	H	H1	C	D	S
<b>60.030</b>	151	75	200	140	80	60	35	32	4



**Prowadzenie górne regulowane**

Adjustable gate guide / Верхние поддерживающие ролики с регулировкой / Laufrollenbock einstellbar

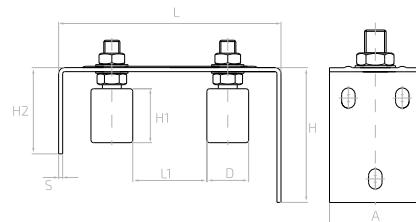
	A	A1	B	B1	H	H1	C	D	S
<b>60.030.01</b>	140-170	75	200	140	80	60	35	32	4



**Prowadzenie górne regulowane**

Adjustable gate guide / Верхние поддерживающие ролики с регулировкой / Laufrollenbock einstellbar

	A	B	L	L1	C	D	S
<b>60.031</b>	100	100	310	0-195	50	42	4

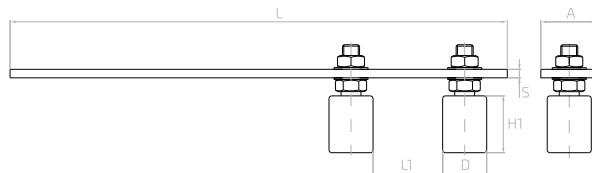


Prowadzenie górne regulowane

Adjustable gate guide /

Верхние поддерживающие ролики с регулировкой /  
Laufrollenbock einstellbar

	H	H1	H2	L	U1	A	D	S
<b>60.032</b>	30	40	40	160	35,5-80,5	55	30	4

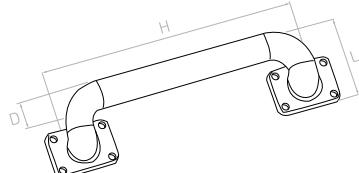


Prowadzenie górne regulowane

Adjustable gate guide /

Верхние поддерживающие ролики с регулировкой /  
Laufrollenbock einstellbar

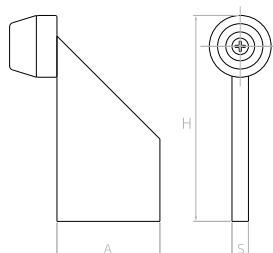
	H1	L	L1	A	D	S
<b>60.033</b>	44	270	15-65	35	40	6



Uchwyt bramy

Pull handle / Ручка для ворот / TorgriŒ

	H	D	L
<b>60.036</b>	30	28	95

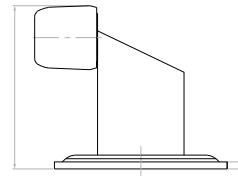


Zderzak zewnętrzny

Gate stopper /

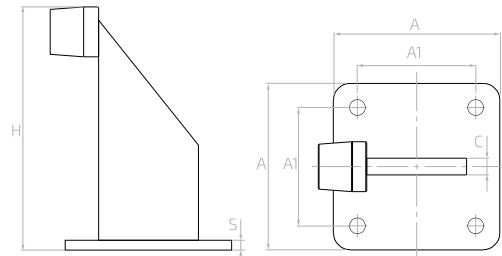
Наружный отбойник /  
Torstopper

	A	H	S
<b>60.037</b>	50	100	8



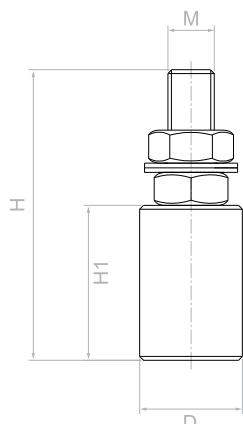
Zderzak zewnętrzny z płytka  
Gate stopper /  
Наружный отбойник с креплением /  
Torstopper mit Platte

	A	A1	B	B1	C	S	H
<b>60.038</b>	80	54	100	74	8	4	96



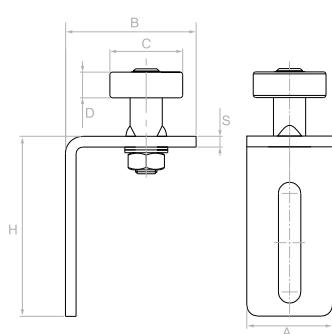
Zderzak zewnętrzny z płytka  
Gate stopper /  
Наружный отбойник с креплением /  
Torstopper mit Platte

	A	A1	C	S	H
<b>60.039</b>	100	70	10	6	142



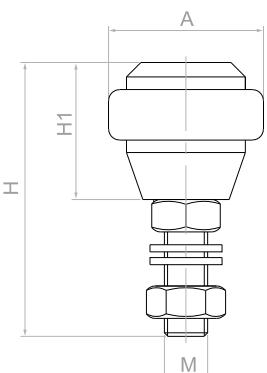
Rolka  
Nylon roller / Ролик / Rolle

	D	H	H1	M
<b>60.040</b>	ø 25	75	35	12
<b>60.040.01</b>	ø 29	75	35	12
<b>60.040.02</b>	ø 32	75	35	12
<b>60.040.03</b>	ø 35	75	35	12
<b>60.040.05</b>	ø 40	75	35	16



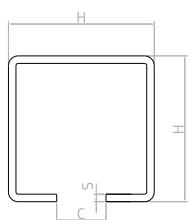
Rolka regulowana  
Adjustable nylon roller /  
Регулируемый ролик /  
Rolle einstellbar

	A	B	H	C	D	S
<b>60.043</b>	40	60	85	ø 35	12	5


**Rolka**

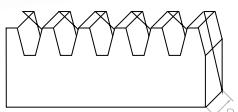
Nylon roller / Ролик / Rolle

	A	H	H1	M
<b>60.049</b>	Ø 42	80	38	10


**Cewonik do bram**

Rail for cantilever gates / Направляющая шина для ворот / Torproil

	L	H	C	S
<b>60.060</b>	6000	60	22,5	4
<b>60.070</b>	6000	70	27,5	4
<b>60.080</b>	6000	80	27,5	4


**Listwa zębata z tworzywa**

Plastic gear rack / Пластиковая зубчатая рейка / Zahnstange aus Kunststoff

	L	D
<b>60.055</b>	3 x 333	18
<b>60.055.01</b>	3 x 333	20


**Listwa zębata z tworzywa**

Plastic gear rack / Пластиковая зубчатая рейка / Zahnstange aus Kunststoff

	L	D
<b>60.056.01</b>	1020	20


**Listwa zębata stalowa z zamkiem**

Metal gear rack / Зубчатая рейка стальная / Zahnstange aus Stahl

	L	D
<b>60.051.01</b>	1000	10


**Listwa zębata z tworzywa**

Plastic gear rack / Пластиковая зубчатая рейка / Zahnstange aus Kunststoff

	L	D
<b>60.056</b>	1010	18


**Listwa zębata stalowa**

Metal gear rack / Зубчатая рейка стальная / Zahnstange aus Stahl

	L	D
<b>60.050</b>	1000	10
<b>60.051</b>	1000	8


**Tuleja mocująca do listwy zębatej**

MuCE for metal gear rack / Коническая втулка для зубчатой рейки / Zahnstangenschraube mit Abstandhalter für Zahnstangen

<b>60.051.X</b>	M8
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Rolka jezdna „V”  
Sliding gate wheel / Ролик / Führungsrolle

	A	B	D
<b>60.100</b>	4,5	20	68
<b>60.101</b>	4,5	20	88



Rolka jezdna „T”  
Sliding gate wheel / Ролик / Führungsrolle

	A	B	D
<b>60.104</b>	6,4	20	68
<b>60.105</b>	7,7	20	88



Rolka jezdna „V”  
Sliding gate wheel / Ролик / Führungsrolle

	A	B	D	H	L	E
<b>60.106</b>	4,5	20	68	85	100	42
<b>60.107</b>	4,5	20	88	94	100	42



Rolka jezdna „T”  
Sliding gate wheel / Ролик / Führungsrolle

	A	B	D	H	L	E
<b>60.110</b>	5,5	20	68	84	100	43
<b>60.111</b>	8,3	20	88	95	100	43



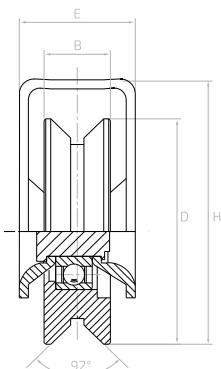
Rolka jezdna „O”  
Sliding gate wheel / Ролик / Führungsrolle

	B	P	D
<b>60.102</b>	20	ø16	68
<b>60.103</b>	20	ø16	88
<b>60.103.01</b>	30	ø25	88



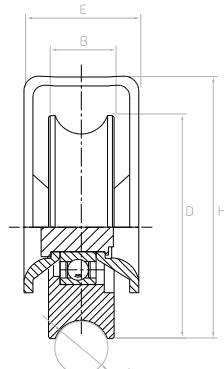
Rolka jezdna „O”  
Sliding gate wheel / Ролик / Führungsrolle

	B	P	D	H	L	E
<b>60.108</b>	26	ø½"	75	88	100	40
<b>60.108.02</b>	20	ø16	68	84	100	43
<b>60.109</b>	26	ø½"	90	96	100	40
<b>60.109.01</b>	30	ø¾"	88	95	100	43
<b>60.109.02</b>	20	ø16	88	95	100	43



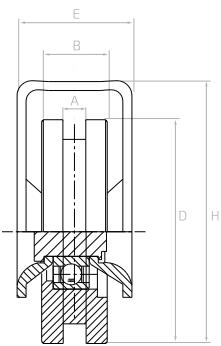
Rolka jezdna „V”  
Sliding gate wheel / Ролик / Führungsrolle

	B	D	H	E
<b>60.100.02</b>	20	68	80	35
<b>60.101.02</b>	20	88	100	36



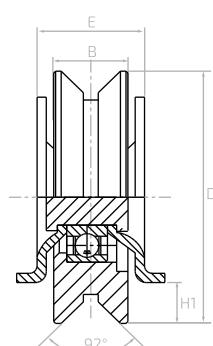
Rolka jezdna „O”  
Sliding gate wheel / Ролик / Führungsrolle

	B	D	H	E	d
<b>60.102.02</b>	20	68	80	35	16,5



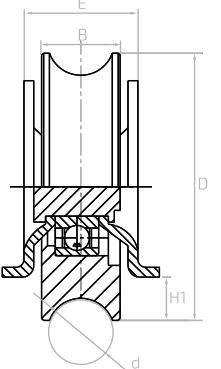
Rolka jezdna „T”  
Sliding gate wheel / Ролик / Führungsrolle

	A	B	D	H	E
<b>60.104.02</b>	6,4	20	68	80	35
<b>60.105.02</b>	7,7	20	88	100	36



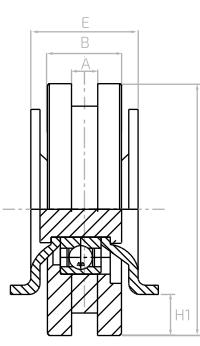
Rolka jezdna „V”  
Sliding gate wheel / Ролик / Führungsrolle

	B	D	H1	E
<b>60.100.03</b>	20	68	11	29
<b>60.101.03</b>	20	88	12	29



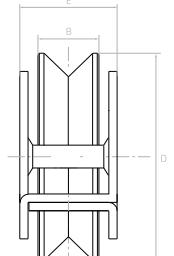
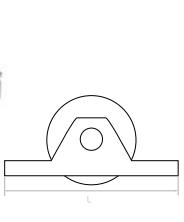
Rolka jezdna „O”  
Sliding gate wheel / Ролик / Führungsrolle

	B	D	H1	E	d
<b>60.102.03</b>	20	68	11	29	16,5



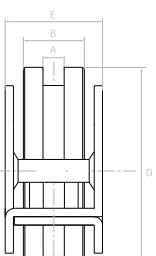
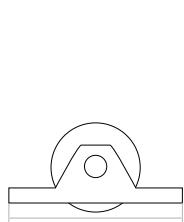
Rolka jezdna „T”  
Sliding gate wheel / Ролик / Führungsrolle

	A	B	D	H1	E
<b>60.104.03</b>	6,4	20	68	11	29
<b>60.105.03</b>	7,7	20	88	12	29



Rolka jezdna bramy przesuwnej „V”  
Sliding gate wheel / Ролик / Führungsrolle

	B	E	L	D
<b>60.120.70</b>	20	32	136	68
<b>60.120.90</b>	20	32	152	88



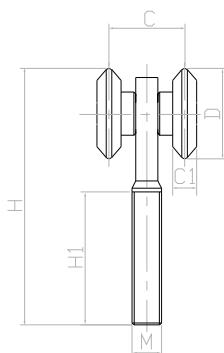
Rolka jezdna bramy przesuwnej „O”  
Sliding gate wheel / Ролик / Führungsrolle

	A	B	E	L	D
<b>60.122.80</b>	6,8	20	32	136	78



**2.02**
**system podwieszany • hinging doors system • Hängende Schiebetorsysteme**

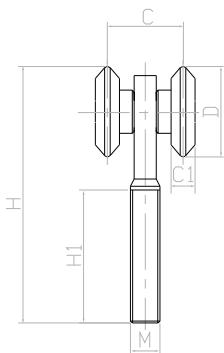
• Подвесная система



Rolka góra z dwoma kółkami 25 mm

Hanging door roller / Верхние ролики /  
Doppelführungsrolle

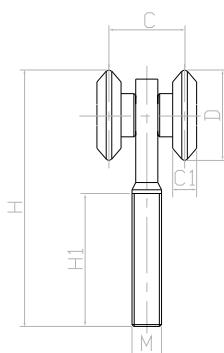
	M	H1	H	C	D	C1
<b>60.201.25</b>	ø 8	35	70	20	25	6,5



Rolka góra z dwoma kółkami 44 mm

Hanging door roller / Верхние ролики /  
Doppelführungsrolle

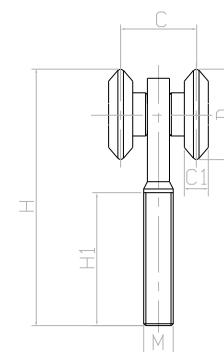
	M	H1	H	C	D	C1
<b>60.201.38</b>	ø 12	70	125	20	38	11



Rolka góra z czterema kółkami 25 mm

Hanging door roller / Верхние ролики /  
Vierfachführungsrolle

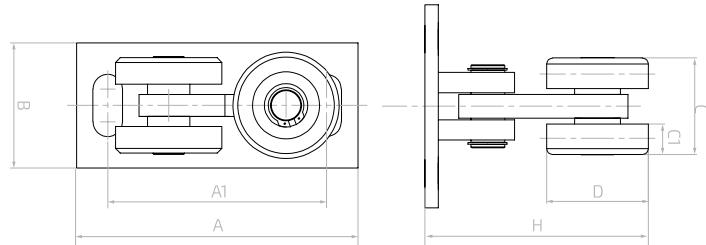
	M	H1	H	C	D	C1
<b>60.202.25</b>	ø 8	35	70	20	25	6,5



Rolka góra z czterema kółkami 44 mm

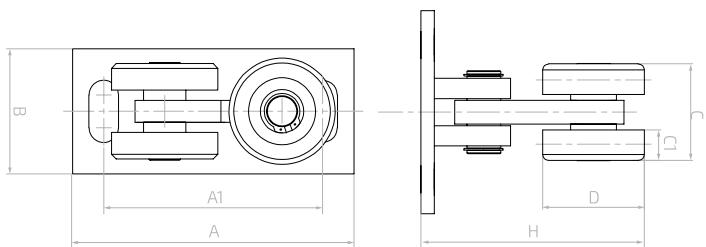
Hanging door roller / Верхние ролики /  
Vierfachführungsrolle

	M	H1	H	C	D	C1
<b>60.202.38</b>	ø 12	70	125	20	38	11



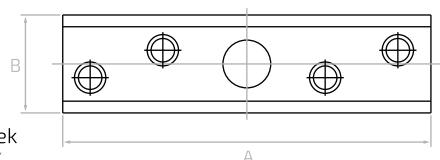
Wózek jezdny 80 rolki stalowe i z tworzywa  
Cantilever gate carriage / Роликовая каретка / Laufrollenbock

	A	A1	B	H	C	C1	D
<b>60.005</b>	172	132	82	125	61	18	68



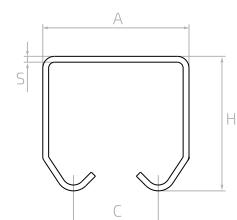
Wózek jezdny 80 rolki stalowe i z tworzywa  
Cantilever gate carriage / Роликовая каретка / Laufrollenbock

	A	A1	B	H	C	C1	D
<b>60.006</b>	172	136	82	105	62	18	68



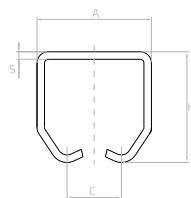
Obrotowe mocowanie zespołu rolek  
Turning fixing for hanging door rollers /  
Поворотная монтажная пластина для тележек /  
Drehbare Befestigung für Torrollen

	A	B
<b>60.221.25</b>	100	20
<b>60.221.38</b>	150	25



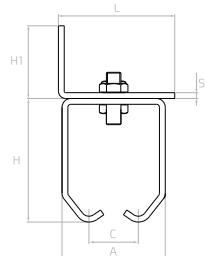
Ceownik do bram  
Rail for cantilever gates / Направляющая шина для ворот /  
Torproil

	L	A	H	C	S
<b>6V.032</b>	2900	35	32	20	1,5
<b>6V.046</b>	2900	50	46	29	2


**Łącznik do szyn**

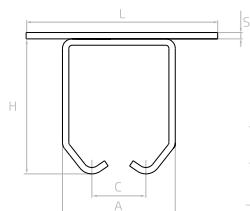
 Connector for rails / Соединитель рейок /  
 Schienenverbinder

	L	H	A	C	S
<b>60.231.25</b>	159	45	46	20	4
<b>60.231.38</b>	159	59	61	29	4


**Wieszak do szyny**

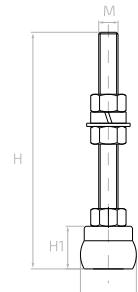
 Wall fixing bracket / Пристенный крепежный кронштейн /  
 Wandbefestigungswinkel

	L	H1	A	C	H	S
<b>60.234.25</b>	60	50	46	20	50	4
<b>60.234.38</b>	70	50	62	29	64	4


**Wieszak do szyny**

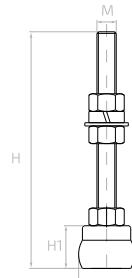
 Ceiling fixing bracket / Верхний крепежный кронштейн /  
 Deckenbefestigungsträger

	L	H	A	C	S
<b>60.237.25</b>	110	50	46	20	4
<b>60.237.38</b>	120	64	62	29	4


**Prowadzenie dolne stalowe**

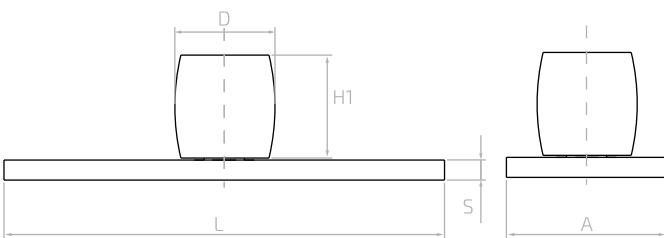
 Guide roller with bolt /  
 Направляющий ролик с болтом /  
 Führungsrolle mit Bolzen

	H	H1	D	M
<b>60.251</b>	147	27	25	12


**Prowadzenie dolne mosiężne**

 Guide roller with bolt /  
 Направляющий ролик с болтом /  
 Führungsrolle mit Bolzen

	H	H1	D	M
<b>60.252</b>	147	27	25	12


**Prowadzenie dolne mosiężne**

 Guide roller with plate /  
 Направляющий ролик с пластиной /  
 Führungsrolle mit Platte

	D	H1	L	A	S
<b>60.255</b>	25	26	110	40	5



zawias regulowany  
adjustable hinges

M20, 100x100x4



zawias do wspawania  
welding hinges

M16



zawias regulowany  
adjustable hinges

M18, L 130 mm



zawias do wmurowania  
built-in hinges

M16

Nº	<b>61.000</b>	<b>61.001</b>	<b>61.003</b>	<b>61.005</b>
Nº				

M20

M20, L 130 mm

M20

61.002

61.004

61.006



zawias regulowany  
adjustable hinges **new**  
M16, 155x80x4



zawias regulowany  
adjustable hinges **new**  
M20, 160x105x6

Nº	<b>61.007</b>	<b>61.008</b>
----	---------------	---------------



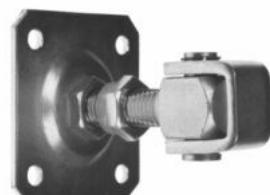
zawias do wspawania  
welding hinges



zawias regulowany  
adjustable hinges



zawias regulowany z szyldem  
adjustable hinges with shield



zawias regulowany z szyldem  
adjustable hinges with shield

Nº	M18	M16	M16, 80 x 80 x 3	M16, 80 x 80 x 3
<b>61.010</b>		<b>61.012</b>	<b>61.016</b>	<b>61.018</b>
Nº	M22	M20	M20, 100 x 100 x 4	M20, 100 x 100 x 4
<b>61.011</b>		<b>61.013</b>	<b>61.017</b>	<b>61.019</b>



zawias regulowany  
adjustable hinges



zawias regulowany  
adjustable hinges



zawias do wspawania  
welding hinges



zawias do wspawania  
welding hinges

Nº	M20	M18	M20	M18
<b>61.021</b>		<b>61.023</b>	<b>61.027</b>	<b>61.029</b>
Nº	M22	M24	M22	M22
<b>61.024</b>			<b>61.028</b>	<b>61.030</b>



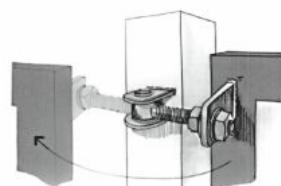
zawias do wmurowania  
built-in hinges



zawias do wmurowania  
built-in hinges



zawias, kąt otwarcia 180°  
hinges, open angle 180°



61.051, 61.052

M20

**61.040**

M18

**61.042**

**61.051**

M24

**61.041**

M22

**61.043**

**61.052**



zawias regulowany do wspaw.  
adjustable welding hinges



zawias regulowany do wspaw.  
adjustable welding hinges



łącznik zawiasu  
connector



zawias dolny  
bottom hinges

Ø30 M20 **new**

**61.053**

Ø30 M20 **new**

**61.055**

Ø28,5 H55/35x35 **new**

**61.057**

Ø20 H89/60x60/15 **new**

**61.059**

Ø35 M24 **new**

**61.054**

Ø35 M24 **new**

**61.056**

Ø33,5 H60/40x40 **new**

**61.058**



zawias regulowany  
adjustable hinges



zawias regulowany  
adjustable hinges



zawias regulowany  
adjustable hinges



zawias dolny  
bottom hinges

M16, 120x75 **new**

**61.061**

M20, 160x85 **new**

**61.063**

z kulą / with ball  
Ø24+K M12, 140x40 **new**

**61.064**

z kulą / with ball  
Ø30+K M18, 160x85 **new**

**61.066**

M20, 160x85 **new**

**61.062**

Ø27+K M16, 180x50 **new**

**61.065**



stopper  
gate stop



stoper do przykrecenia  
screw fixing gate stop



35x155



55x155



80x155



listwa antywłamaniowa  
anti-theft rack

Ø 90 x 90

157 x 130 x 44

H 33 x L 2000 / 3

**61.090**

**61.091**

**61.092**

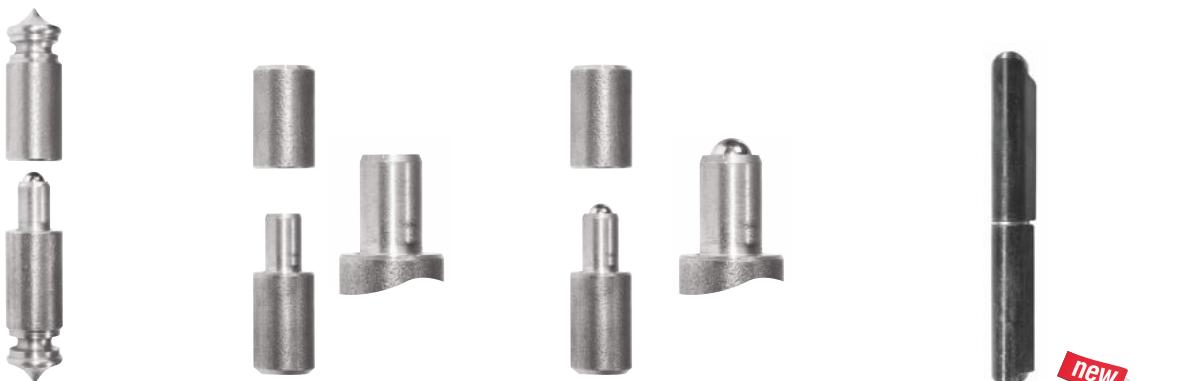
**61.093**

**61.094**

**61.095**



<input type="checkbox"/>	Ø20	Ø29	Ø20	Ø24	Ø30	Ø30
H (mm)	100	130	100	122	146	230
Nº	<b>61.100</b>	<b>61.101</b>	<b>61.102</b>	<b>61.103</b>	<b>61.104</b>	<b>61.105</b>

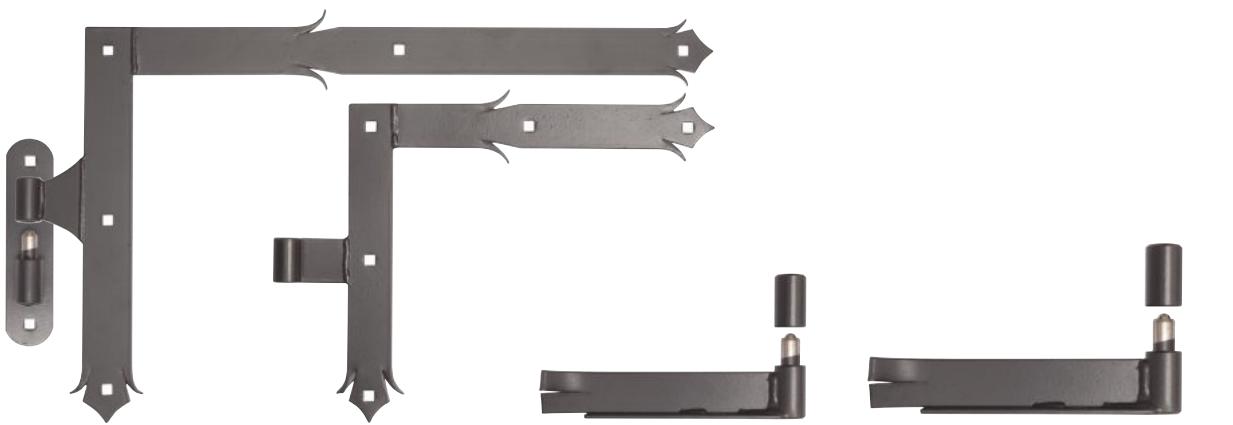


<input type="checkbox"/>	Ø27	Ø	H	Nº	Ø	H	Nº	Ø	H	Nº
H (mm)	145	12	60	<b>61.112</b>	20	70	<b>61.120.01</b>	16/20	120	<b>61.116.02</b>
Nº	<b>61.106</b>	16	66	<b>61.116</b>	24	80	<b>61.124.01</b>	20/25	140	<b>61.120.02</b>
<input type="checkbox"/>	Ø35	20	70	<b>61.120</b>	27	90	<b>61.127.01</b>	23/28	200	<b>61.124.02</b>
H (mm)	190	24	80	<b>61.124</b>	30	100	<b>61.130.01</b>			
Nº	<b>61.107</b>	27	90	<b>61.127</b>	35	120	<b>61.135.01</b>			
		30	100	<b>61.130</b>	40	120	<b>61.140.01</b>			
		35	120	<b>61.135</b>						
		40	120	<b>61.140</b>						

**new**



<input type="checkbox"/>	Ø27	Ø27	Ø27	50x5	35x4
H (mm)	210x90	400x50	400x50	400x650	250x290
Nº	<b>61.202</b>	<b>61.211</b>	<b>61.212</b>	<b>61.221</b>	<b>61.222</b>



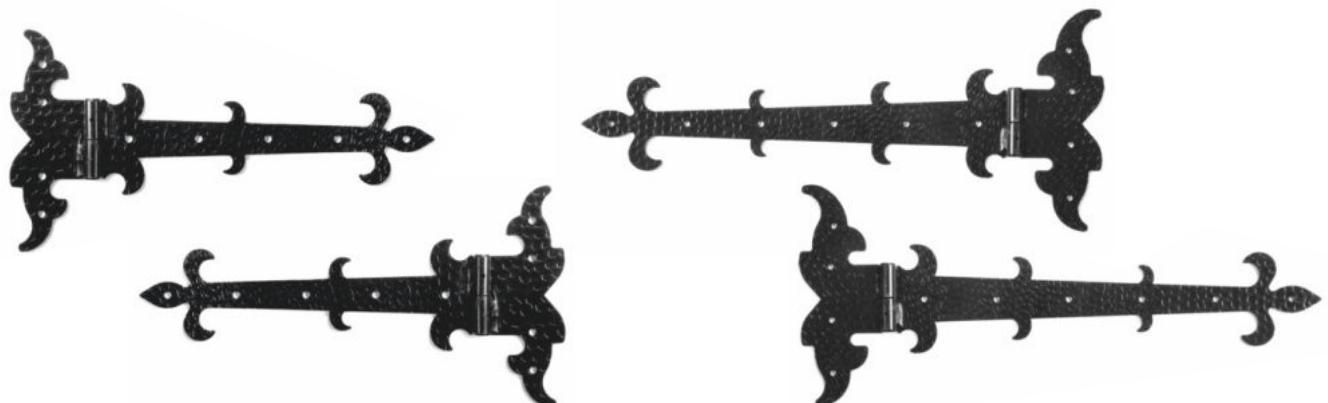
<input type="checkbox"/>	50x5	35x4	Ø27	Ø35
H (mm)	400x650	250x290	220	240
Nº	<b>61.223</b>	<b>61.224</b>	<b>61.231</b>	<b>61.232</b>

H	L	Ø	Nº	
400	35	14	<b>61.251</b>	
600	35	14	<b>61.252</b>	
800	40	18	<b>61.253</b>	
1000	50	18	<b>61.254</b>	
1150	60	20	<b>61.255</b>	
500	35	14	<b>61.256</b>	
700	50	18	<b>61.257</b>	

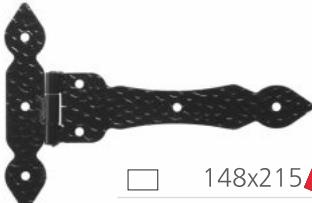
<input type="checkbox"/>	150x25	200x40	220x50	220x60	150x35	
Ø	Ø14	Ø18	Ø18	Ø20	Ø14	
Nº	<b>61.261</b>	<b>61.262</b>	<b>61.263</b>	<b>61.264</b>	<b>61.265</b>	
Ø	H	L	Nº			
14	150	35	<b>61.271</b>			
18	200	40	<b>61.272</b>			
18	230	50	<b>61.273</b>			
20	270	60	<b>61.274</b>			
				<input type="checkbox"/>	150x150	
					3	
					<b>61.300</b>	
					<input type="checkbox"/>	200x200
						3
						<b>61.301</b>



<input type="checkbox"/>	185x160	250x210	203x100
	3	3	3
Nº	<b>61.302</b>	<b>61.303</b>	<b>61.304</b>



<input type="checkbox"/>	350x200	350x200	525x225	525x225
	3	3	3	3
Nº	<b>61.305</b>	<b>61.306</b>	<b>61.307</b>	<b>61.308</b>

	<input type="checkbox"/> 148x215 <i>new</i>	<input type="checkbox"/> 208x352 <i>new</i>
	3	3
Nº	<b>61.314</b>	<b>61.315</b>

	<input type="checkbox"/> 208x352 <i>new</i>	<input type="checkbox"/> 270x500 <i>new</i>
	3	3
Nº	<b>61.316</b>	<b>61.317</b>

	<input type="checkbox"/> 270x500 <i>new</i>
	3
Nº	<b>61.318</b>

**2.03**
**daszki i zaślepki • post tops and stoppers • Deckel und Verschlusskappen  
• навесы и заглушки • krytky a záslepky**


<input type="checkbox"/>	H	Nº
20x20	1	Kapa 20x20 z kulą fi 20
30x30	1	Kapa 30x30 z kulą fi 30
40x40	1	Kapa 40x40 z kulą fi 40
50x50	1	Kapa 50x50 z kulą fi 40
60x60	1	Kapa 60x60 z kulą fi 50
70x70	1	Kapa 70x70 z kulą fi 60
80x80	1	Kapa 80x80 z kulą fi 70
90x90	1	Kapa 90x90 z kulą fi 80
100x100	1	Kapa 100x100 z kulą fi 80
120x120	1	Kapa 120x120 z kulą fi 100



<input type="checkbox"/>	Ø	Nº
	38-39	Kapa fi 38-39 z kulą fi 35
	42-43	Kapa fi 42-43 z kulą fi 40
	48-50	Kapa fi 48-50 z kulą fi 40
	60-62	Kapa fi 60-62 z kulą fi 50
	72	Kapa fi 72 z kulą fi 60
	80-82	Kapa fi 80-82 z kulą fi 70
	90	Kapa fi 90 z kulą fi 80
	100	Kapa fi 100 z kulą fi 90
	110	Kapa fi 110 z kulą fi 100
	120	Kapa fi 120 z kulą fi 100



<input type="checkbox"/>	H	Nº
20x20	1	Kapa 20x20
25x25	1	Kapa 25x25
30x30	1	Kapa 30x30
40x40	1	Kapa 40x40
50x50	1	Kapa 50x50
60x60	1	Kapa 60x60
70x70	1	Kapa 70x70
80x80	1	Kapa 80x80
90x90	1	Kapa 90x90
100x100	1	Kapa 100x100
120x120	1	Kapa 120x120
160x160	1	Kapa 160x160



<input type="checkbox"/>	Ø	Nº
	38-39	Kapa fi 38-39
	42-43	Kapa fi 42-43
	48-50	Kapa fi 48-50
	60-62	Kapa fi 60-62
	72	Kapa fi 72
	76	Kapa fi 76
	80-82	Kapa fi 80-82
	90	Kapa fi 90
	100	Kapa fi 100
	110	Kapa fi 110
	120	Kapa fi 120



<input type="checkbox"/>	Ø	H	Nº
	180	150/4	62.101
	155	145/4	62.102
	130	145/4	62.103
	100	120/4	62.104

new


<input type="checkbox"/>	Ø	Nº
	30	62.163
	40	62.164
	50	62.165
	60	62.166

<input type="checkbox"/>	Ø	Nº
	70	62.167
	90	62.169
	110	62.171



<input type="checkbox"/>	H	Nº
	60x60	90
	80x80	120
	100x100	140
	120x120	170
	150x150	200

**2.04**

**klamki i szyldy • handles and door-handle decorative plates • Griffen und Schilder  
• ручки и накладки • kliky a štítky**



135x75, ocynk galwanized  
Nº 63.001



155x95  
63.003



135x75  
63.004



160x85  
Nº 63.005



140x75  
63.006



135x75, ocynk  
63.007



Ø60  
Nº 63.002



85x65  
63.008



70x65  
63.009



65x65  
Nº 63.010



55x65  
63.011





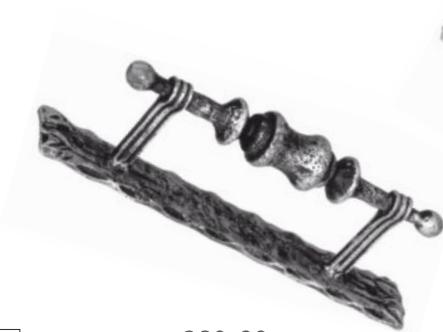
<input type="checkbox"/>	137x75	142x90	121x95
Nº	<b>63.012</b>	<b>63.013</b>	<b>63.014</b>



<input type="checkbox"/>	70x116	90x116	60x70	60x70
Nº	<b>63.015</b>	<b>63.016</b>	<b>63.017</b>	<b>63.018</b>



<input type="checkbox"/>	Ø12 / 145x110	120x80 <i>new</i>	130x60 <i>new</i>	130x60 <i>new</i>
Nº	<b>63.020</b>	<b>63.021</b>	<b>63.022</b>	<b>63.023</b>



<input type="checkbox"/>	280x90	380x70	460x110
Nº	<b>63.024</b>	<b>63.025</b>	<b>63.026</b>



N°

Ø68x85  
**63.027**



Ø68x110  
**63.028**



155x90  
**63.029**



N°

125  
**63.030**



150x75 **new**  
**63.031**



160x90 **new**  
**63.032**



Ø80x60 **new**  
**63.033**



N°

140x80 **new**  
**63.034**



120x80 **new**  
**63.035**



120x80 **new**  
**63.036**



N°

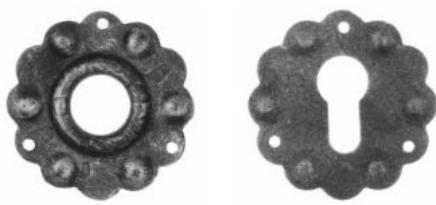
165x80 **new**  
**63.037**



125x85 **new**  
**63.038**



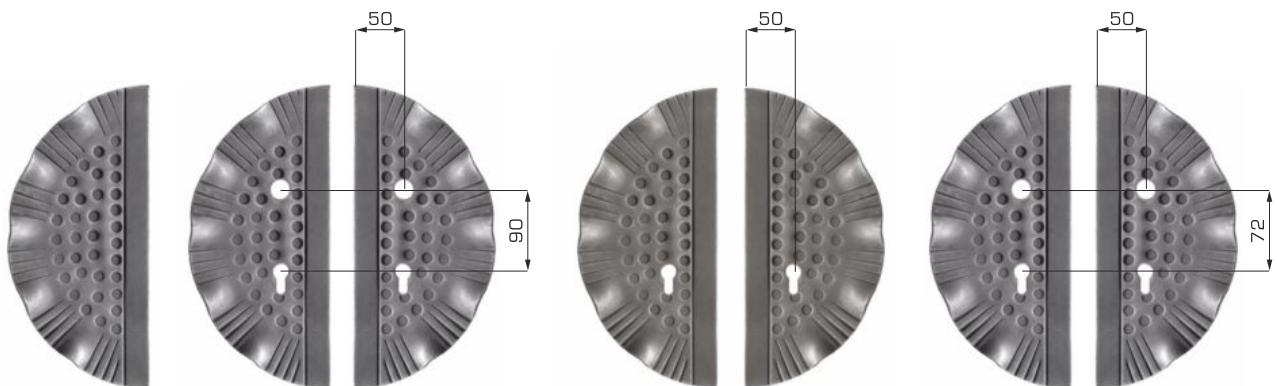
125x85 **new**  
**63.039**



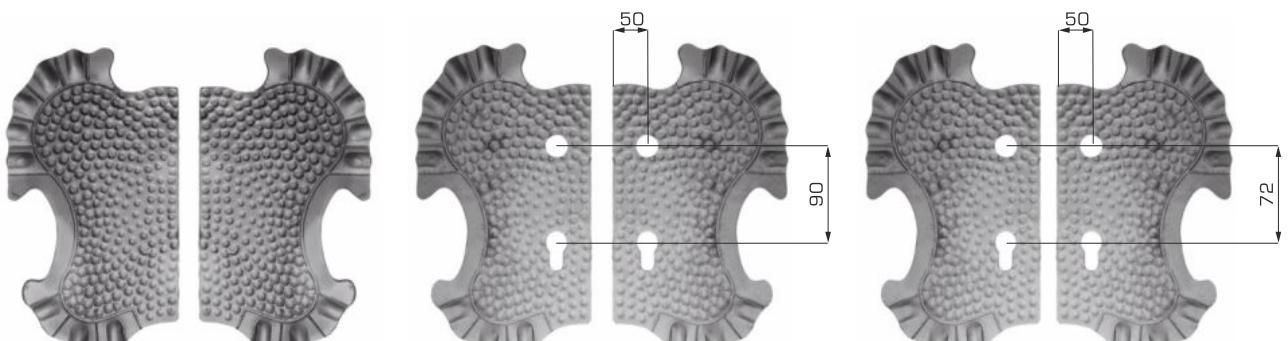
HxL (mm)	$\varnothing 65$	$\varnothing 65$
	2	2
N°	<b>63.040</b>	<b>63.041</b>



HxL (mm)	$\varnothing 50$	$\varnothing 50$	102x36	102x36
	4	4	3	3
N°	<b>63.044</b>	<b>63.045</b>	<b>63.046</b>	<b>63.047</b>



HxL (mm)	275x130	275x130	275x130	275x130	275x130	275x130	
	3	3	3	3	3	3	
N°	<b>63.101.00.00</b>	<b>63.102.90.50</b>	<b>63.103.90.50</b>	<b>63.102.00.50</b>	<b>63.103.00.50</b>	<b>63.102.72.50</b>	<b>63.103.72.50</b>

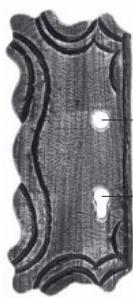


HxL (mm)	290x160	290x160	290x160	290x160	290x160	290x160
	4	4	4	4	4	4
N°	<b>63.104.00.00</b>	<b>63.105.00.00</b>	<b>63.106.90.50</b>	<b>63.107.90.50</b>	<b>63.106.72.50</b>	<b>63.107.72.50</b>



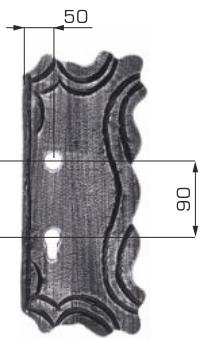
HxL (mm) 305x135  
4

Nº **63.108.00.00**



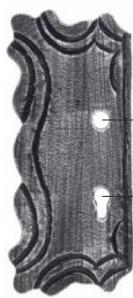
HxL (mm) 305x135  
4

Nº **63.109.90.50**



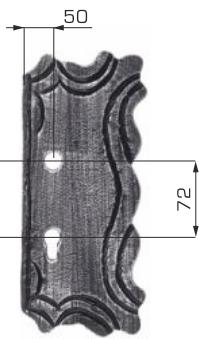
HxL (mm) 305x135  
4

Nº **63.110.90.50**



HxL (mm) 305x135  
4

Nº **63.109.72.50**



HxL (mm) 305x135  
4

Nº **63.110.72.50**



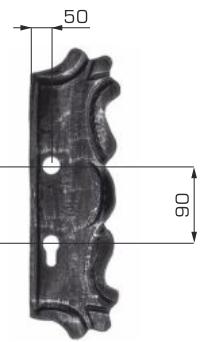
HxL (mm) 295x90  
4

Nº **63.111.00.00**



HxL (mm) 295x90  
4

Nº **63.112.90.50**



HxL (mm) 295x90  
4

Nº **63.113.90.50**

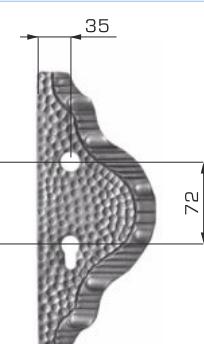


HxL (mm) 295x90  
4



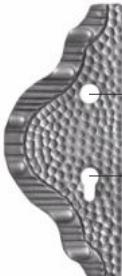
HxL (mm) 295x90  
4

Nº **63.112.72.50**



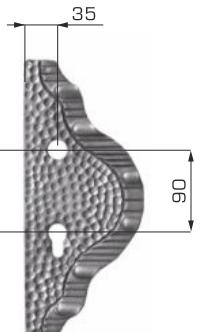
HxL (mm) 295x120  
3

Nº **63.114.00.00**



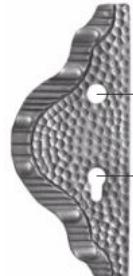
HxL (mm) 295x120  
3

Nº **63.115.90.35**

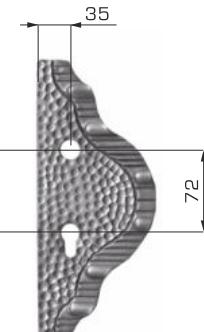


HxL (mm) 295x120  
3

Nº **63.116.90.35**



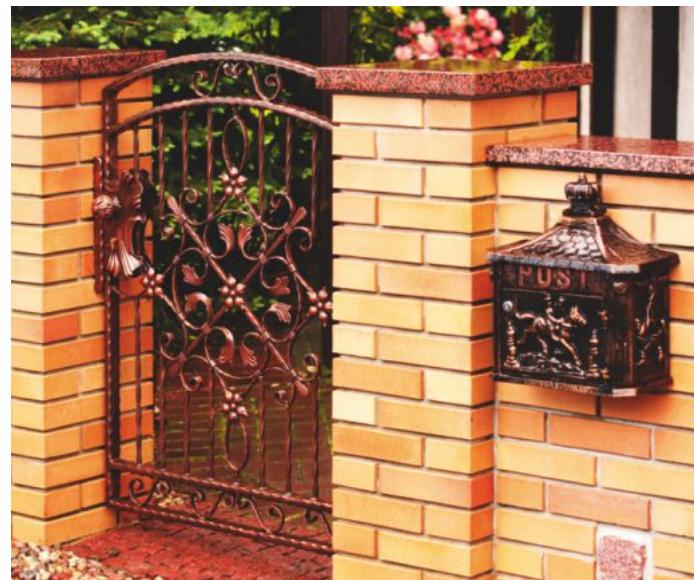
HxL (mm) 295x120  
3

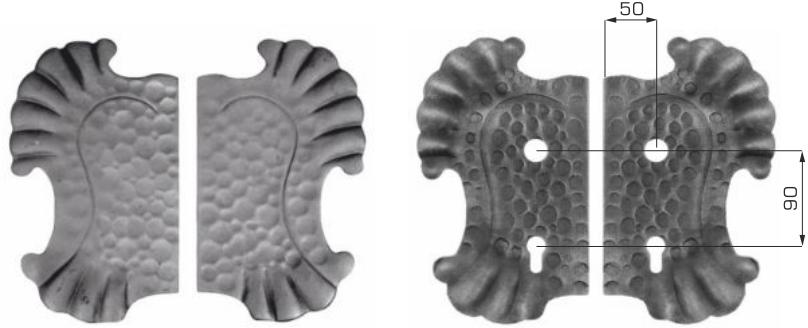


HxL (mm) 295x120  
3

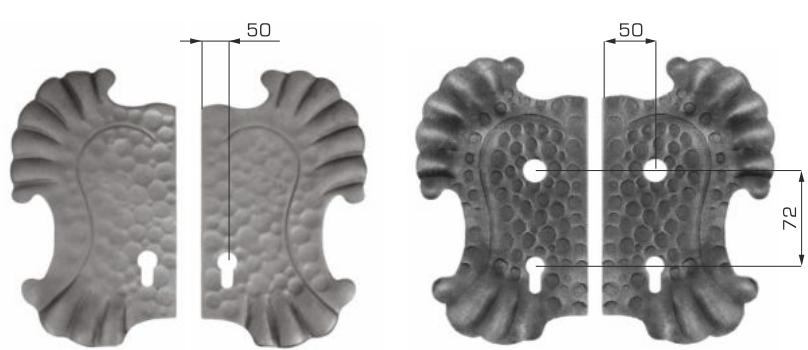
Nº **63.115.72.35**

Nº **63.116.72.35**

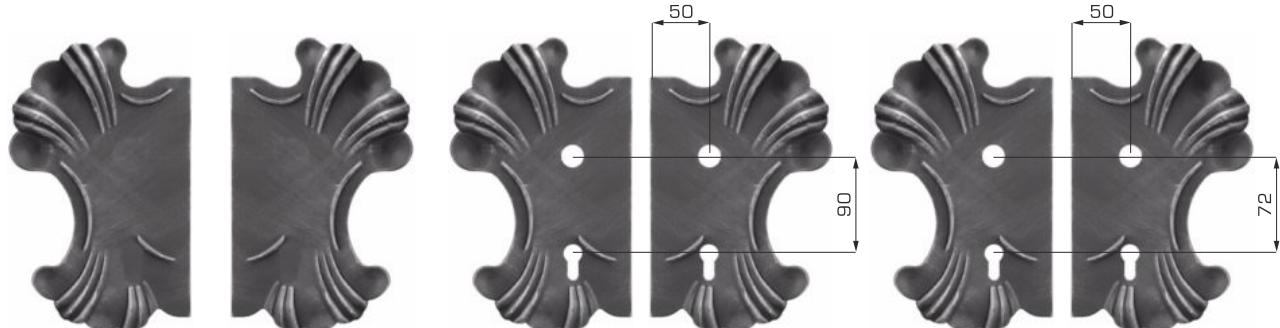




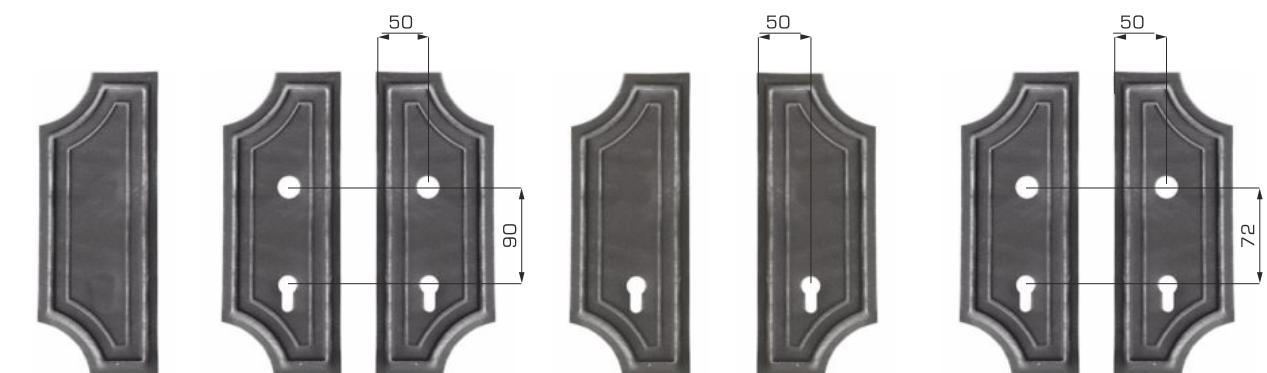
HxL (mm)	275x160	275x160	275x160	275x160
	3	3	3	3
Nº	<b>63.117.00.00</b>	<b>63.118.00.00</b>	<b>63.119.90.50</b>	<b>63.120.90.50</b>



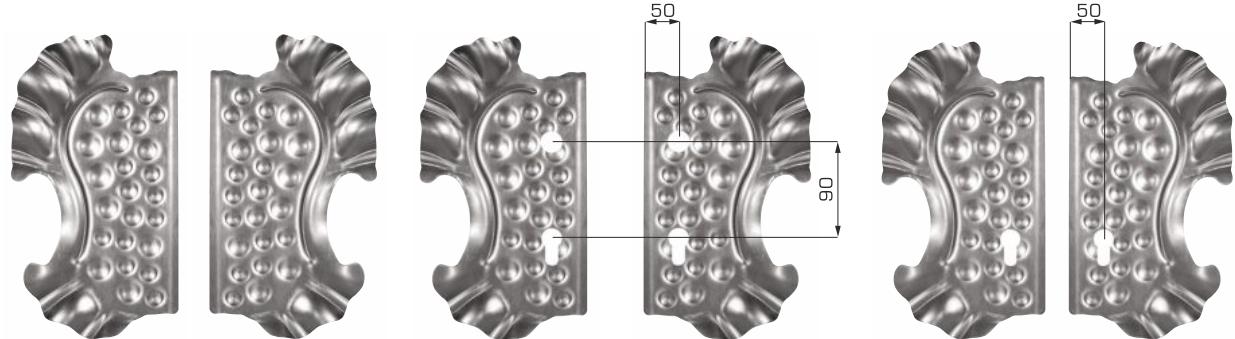
HxL (mm)	275x160	275x160	275x160	275x160
	3	3	3	3
Nº	<b>63.119.00.50</b>	<b>63.120.00.50</b>	<b>63.119.72.50</b>	<b>63.120.72.50</b>



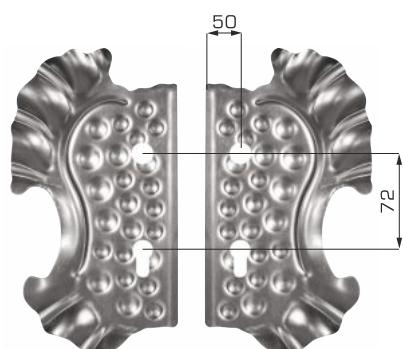
HxL (mm)	270x165	270x165	270x165	270x165	270x165	270x165
	2	2	2	2	2	2
Nº	<b>63.125.00.00</b>	<b>63.126.00.00</b>	<b>63.127.90.50</b>	<b>63.128.90.50</b>	<b>63.127.72.50</b>	<b>63.128.72.50</b>



HxL (mm)	280x110						
	2	2	2	2	2	2	2
Nº	<b>63.129.00.00</b>	<b>63.130.90.50</b>	<b>63.131.90.50</b>	<b>63.130.00.50</b>	<b>63.131.00.50</b>	<b>63.130.72.50</b>	<b>63.131.72.50</b>



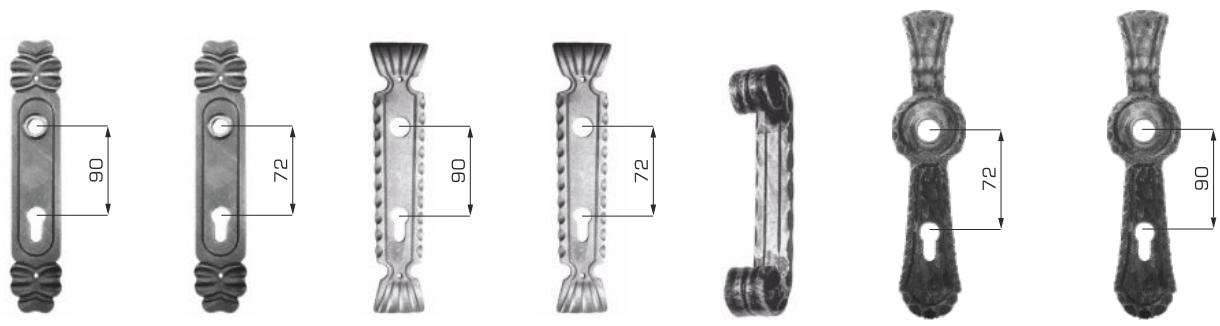
HxL (mm)	290x160	290x160	290x160	290x160	290x160	290x160
2	2	2	2	2	2	2
Nº	<b>63.134.00.00</b>	<b>63.135.00.00</b>	<b>63.136.90.50</b>	<b>63.137.90.50</b>	<b>63.136.00.50</b>	<b>63.137.00.50</b>



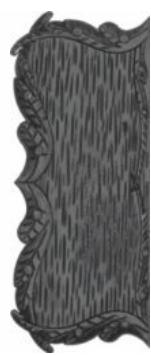
HxL (mm)	230x160	230x160
2,5	2,5	
Nº	<b>63.136.72.50</b>	<b>63.137.72.50</b>



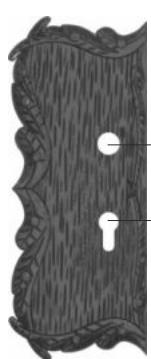
HxL (mm)	260x57	260x57	260x52	260x52
3	3	3	3	3
Nº	<b>63.138.90.00</b>	<b>63.138.72.00</b>	<b>63.139.90.00</b>	<b>63.139.72.00</b>



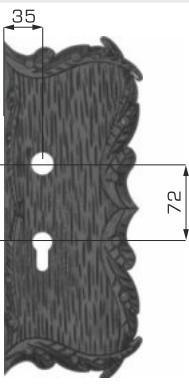
HxL (mm)	260x46	260x46	260x56	260x56	230x40	275x65	275x65
3	3	3	3	3	5	3	3
Nº	<b>63.140.90.00</b>	<b>63.140.72.00</b>	<b>63.141.90.00</b>	<b>63.141.72.00</b>	<b>63.142</b>	<b>63.142.72.00</b>	<b>63.142.90.00</b>



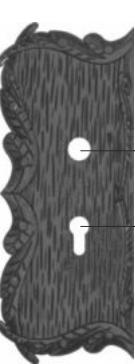
HxL (mm) 310x125 2 **new**



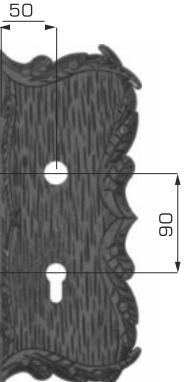
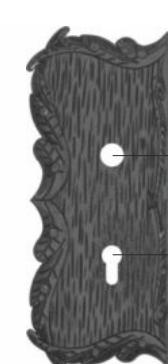
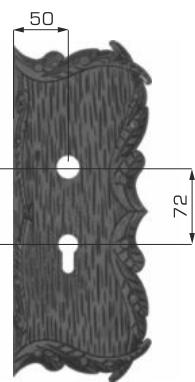
HxL (mm) 310x125 2 **new**



HxL (mm) 310x125 2 **new**



HxL (mm) 310x125 2 **new**



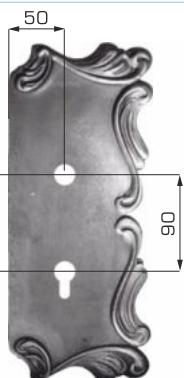
Nº 63.143.00.00 63.144.72.35 63.145.72.35



HxL (mm) 315x135 3



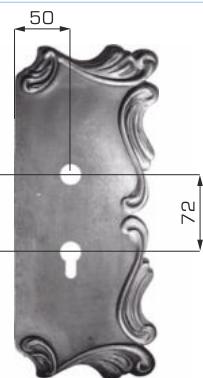
HxL (mm) 315x135 3



HxL (mm) 315x135 3



HxL (mm) 315x135 3



HxL (mm) 315x135 3

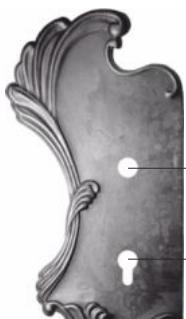
Nº 63.146.00.00 63.147.90.50 63.148.90.50 63.149.72.50 63.150.72.50



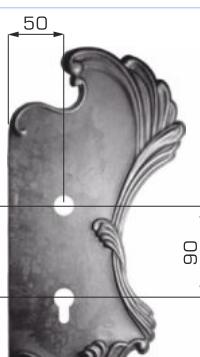
HxL (mm) 330x175 3



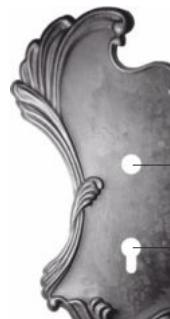
HxL (mm) 330x175 3



HxL (mm) 330x175 3



HxL (mm) 330x175 3

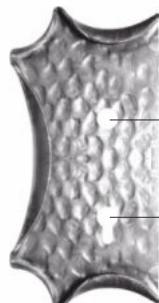
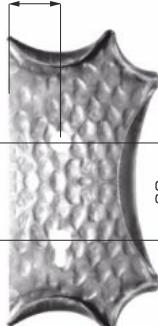


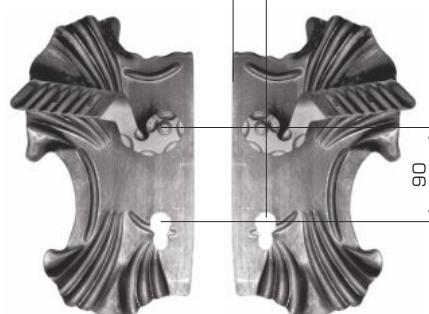
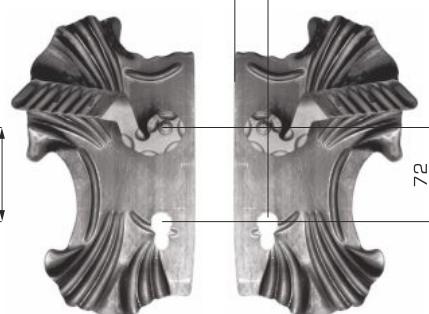
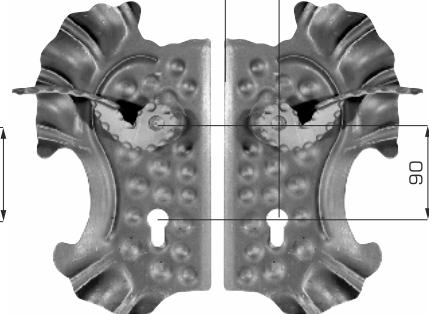
HxL (mm) 330x175 3

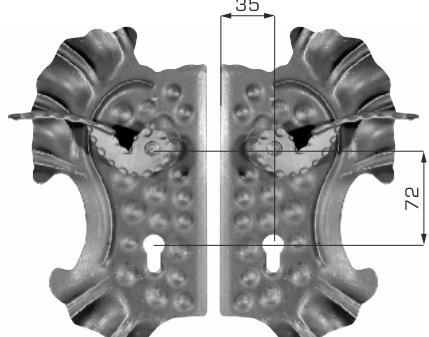
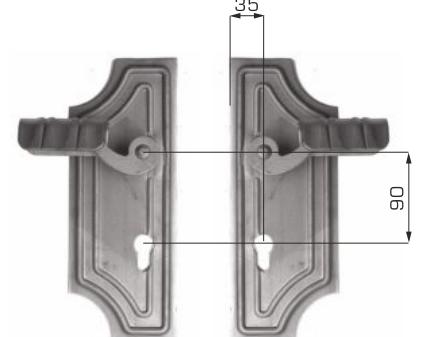
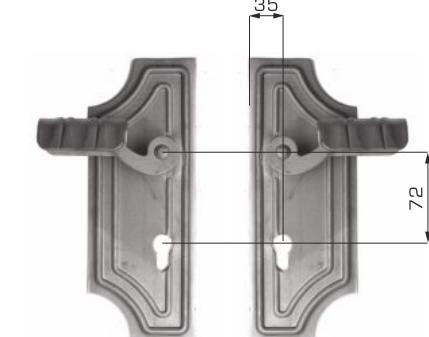


HxL (mm) 330x175 3

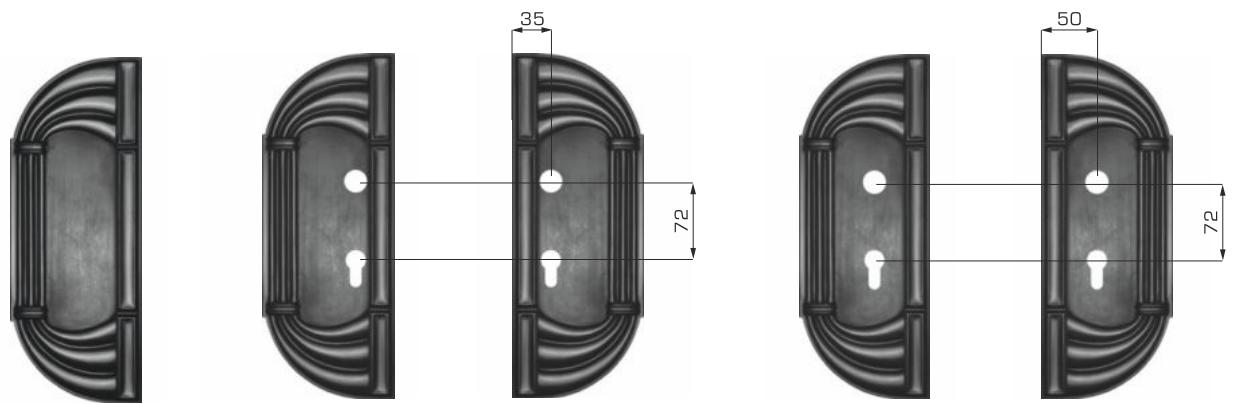
Nº 63.151.00.00 63.152.00.00 63.153.90.50 63.154.90.50 63.153.72.50 63.154.72.50

			
HxL (mm)	280x140	280x140	280x140
Nº	4	4	4

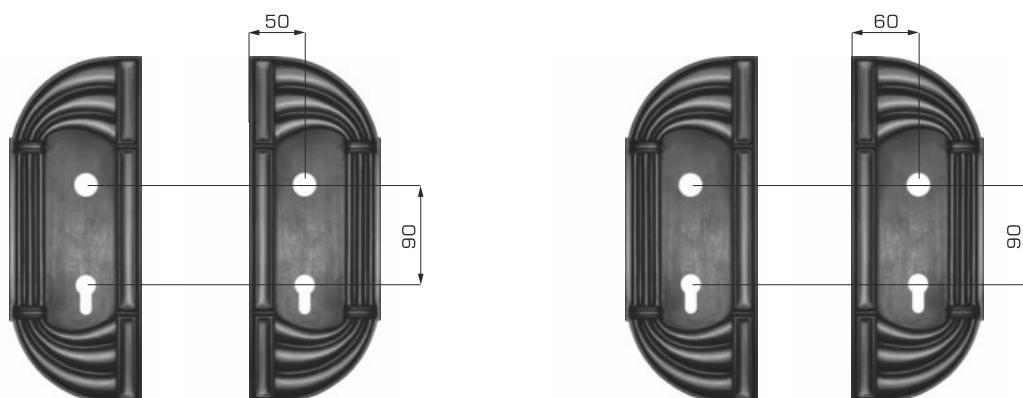
			
HxL (mm)	285x155	285x155	285x155
Nº	2	2	2

			
HxL (mm)	290x160	285x155	277x104
Nº	2	2	2

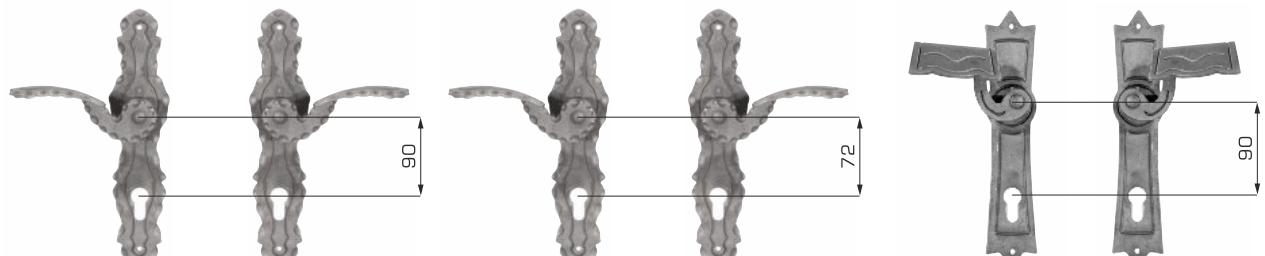
			
HxL (mm)	235x30	235x30	235x30
Nº	63.180.72.00	63.181.72.00	63.182.72.00
			
HxL (mm)	235x30	235x30	235x30
Nº	63.180.90.00	63.181.90.00	
		 <a href="http://www.logistsystem.pl">www.logistsystem.pl</a>	



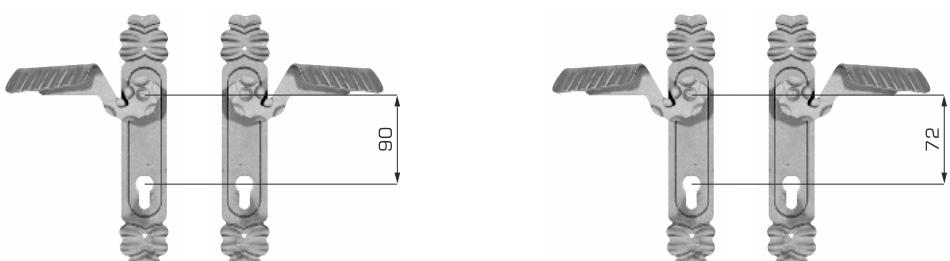
HxL (mm)	310x120	<b>new</b>								
Nº	<b>63.185.00.00</b>		<b>63.186.72.35</b>		<b>63.187.72.35</b>		<b>63.186.72.50</b>		<b>63.187.72.50</b>	



HxL (mm)	310x120	<b>new</b>	310x120	<b>new</b>	310x120	<b>new</b>	310x120	<b>new</b>
Nº	<b>63.186.90.50</b>		<b>63.187.90.50</b>		<b>63.186.90.60</b>		<b>63.187.90.60</b>	



HxL (mm)	260x57		260x57		260x57		260x57		260x52		260x52	
Nº	<b>63.191.90.00</b>		<b>63.192.90.00</b>		<b>63.191.72.00</b>		<b>63.192.72.00</b>		<b>63.193.90.00</b>		<b>63.194.90.00</b>	



HxL (mm)	260x46		260x46		260x46		260x46	
Nº	<b>63.195.90.00</b>		<b>63.196.90.00</b>		<b>63.195.72.00</b>		<b>63.196.72.00</b>	

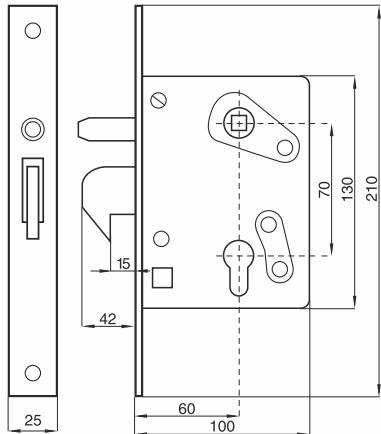
**2.05**

**zamki i wkładki • lock stets and inserts • Türschlösser und Schlosskästen**  
 • замки и вкладыши • zámky a vložky

locking mechanism with hook and faceplate



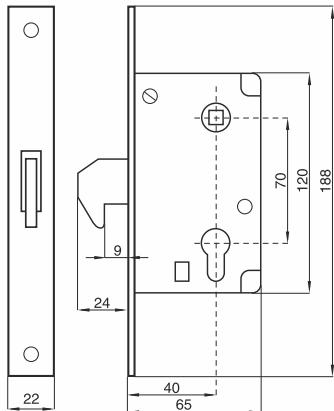
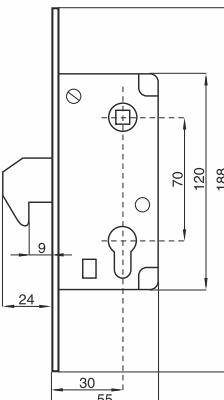
№

**63.200**

**63.202**

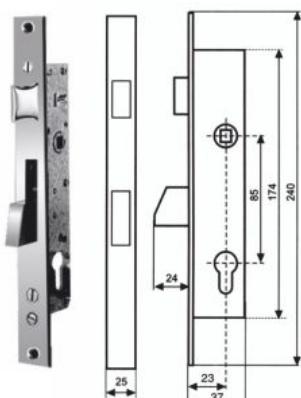
locking mechanism with hook and faceplate



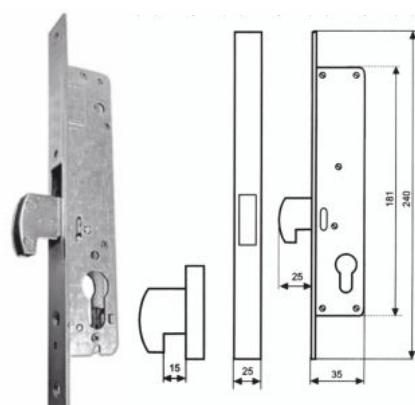
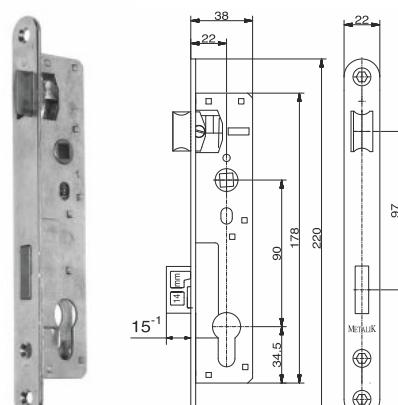
№

**63.204**

**63.205**


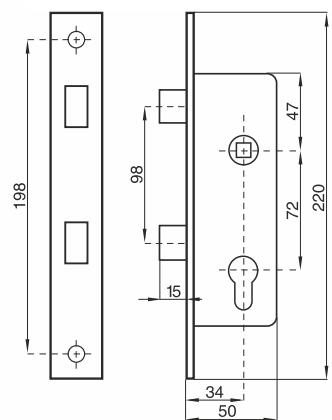
locking mechanism with hook and faceplate



№

**85/20**
**63.208**

**85/20**
**63.209**

**90/22**
**new**
**63.210**

locking mechanism with hook and faceplate



HxL (mm)

72/35

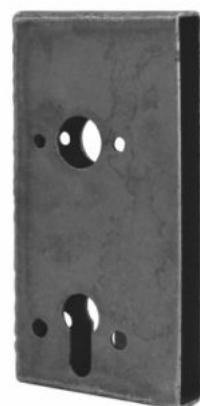
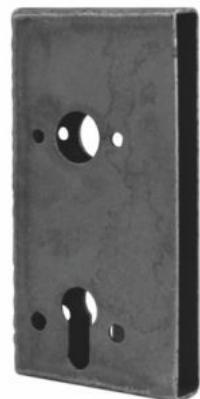
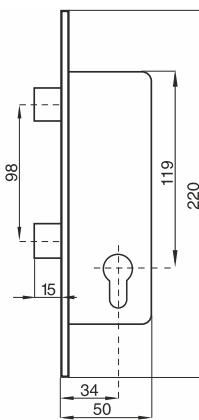
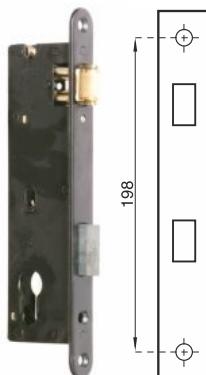
**63.211**

0/35

220

**63.212**

N°



HxL (mm)

72/50

72/50

90/50

90/50

220

160x80x20

220

160x80x20

N°

**63.216**
**63.217**
**63.218**
**63.219**

door lock set



door lock set



HxL (mm) 245 / 50x30  
72/35

Nº **63.220**

245 / 50x30  
72/35

**63.220.11**

245 / 50x30  
72/35

**63.220.12**

door lock set



165 / 50x30  
0/35

**63.221.13**

door lock set



165 / 50x30  
0/35

**63.221.14**

door lock set



door lock set



HxL (mm) 245 / 60x40  
72/35

Nº **63.222**

245 / 60x40  
72/35

**63.222.11**

245 / 60x40  
72/35

**63.222.12**

260 / 80x40  
90/50

**63.224**



HxL (mm) 200x40

Nº **63.225**



195x40

**new**



260x50

**new**



246 / 40x40

**new**



246 / 40x40

**new**



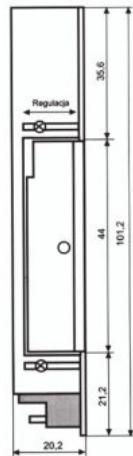
obudowa do elektrozaczepu  
34x90



elektrozaczep  
27x55



elektrozaczep 12 V z pamięcią  
electric lock 12 AC with memory



elektrozaczep 12 V  
electric lock 12 AC

H (mm)

102

77

Nº

**63.310**

**63.311**

**63.329**

**63.330**



blacha czołowa elektrozaczepu  
faceplate for electric lock



FC



Nº

25x25 **63.301.01**

31x31 **63.301.05**

36x36 **63.301.11**

Nº

**63.330.01**

**63.330.02**

55x65

**63.331**

**2.06**
**mocowania i wykończenia • fixings and finishing elements • Aufnahmen und Endstücken  
• крепления и отделки • kotvení a zakončení sloupek**


HxL (mm) 50x25



50x30



100x25



100x25

Nº 64.003

64.004

64.005

64.006

HxL (mm) 130x25  
Ø12, M10**new**130x30  
Ø12, M10**new**420x210  
20x20180x95  
12x12180x95  
12x12180x95  
Ø14

Nº 64.007

64.008

64.010

64.011

64.012

64.013

HxL (mm) 36xØ19  
Ø625xØ25  
Ø636xØ18  
Ø632xØ21  
Ø1030x19  
Ø1021x16  
Ø10

Nº 64.020

64.021

64.022

64.023

64.024

64.025

L (mm) 2000  
6x6

Nº 64.031

2000  
6x6

64.032

2000  
6x6

64.033



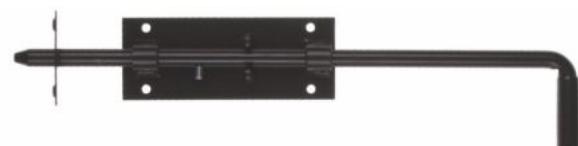
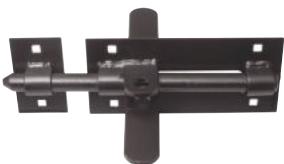
	L (mm)	Nº	<i>new</i>
M8	1000	<b>64.040</b>	
M10	1000	<b>64.041</b>	
M12	1000	<b>64.042</b>	
M14	1000	<b>64.043</b>	
M16	1000	<b>64.044</b>	



	L (mm)	Nº	<i>new</i>
M12	300	<b>64.045</b>	
M14	300	<b>64.046</b>	
M16	300	<b>64.047</b>	



L (mm)	150	270	340
Ø12, ocynk galvanized		Ø16	Ø16
Nº	<b>64.050</b>	<b>64.051</b>	<b>64.052</b>



L (mm)	340	340	210	220	320	420
Ø16	Ø16 galvanized		Ø14	Ø12	Ø14	Ø14
Nº	<b>64.053</b>	<b>64.054</b>	<b>64.055</b>	<b>64.060</b>	<b>64.061</b>	<b>64.062</b>



L (mm)	420	420	800
Ø14		Ø14, ocynk galvanized	Ø14, ocynk galvanized
Nº	<b>64.063</b>	<b>64.064</b>	<b>64.065</b>



220x12, ocynk galvanized 

Nº **64.066**

420x14, ocynk galvanized 

**64.067**



Ø16 H300, ocynk galvanized 

Nº **64.069**

Ø16 H500, ocynk galvanized 

**64.070**

# 0 1 2 3 4 5 6

H (mm)	120	120	120	120	120	120	120
Nº	<b>64.100</b>	<b>64.101</b>	<b>64.102</b>	<b>64.103</b>	<b>64.104</b>	<b>64.105</b>	<b>64.106</b>

H (mm)	170	170	170	170	170	170	170
Nº	<b>64.100.01</b>	<b>64.101.01</b>	<b>64.102.01</b>	<b>64.103.01</b>	<b>64.104.01</b>	<b>64.105.01</b>	<b>64.106.01</b>

# 7 8 9 a b c d

H (mm)	120	120	120	120	120	120	120
Nº	<b>64.107</b>	<b>64.108</b>	<b>64.109</b>	<b>64.110</b>	<b>64.111</b>	<b>64.112</b>	<b>64.113</b>

H (mm)	170	170	170
Nº	<b>64.107.01</b>	<b>64.108.01</b>	<b>64.109.01</b>

# A B C D

H (mm)	170	170	170	170
Nº	<b>64.110.01</b>	<b>64.111.01</b>	<b>64.112.01</b>	<b>64.113.01</b>



H (mm)

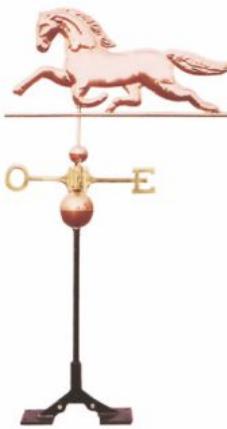
1400

Nº

**65.001**

1200

**65.002**



H (mm)

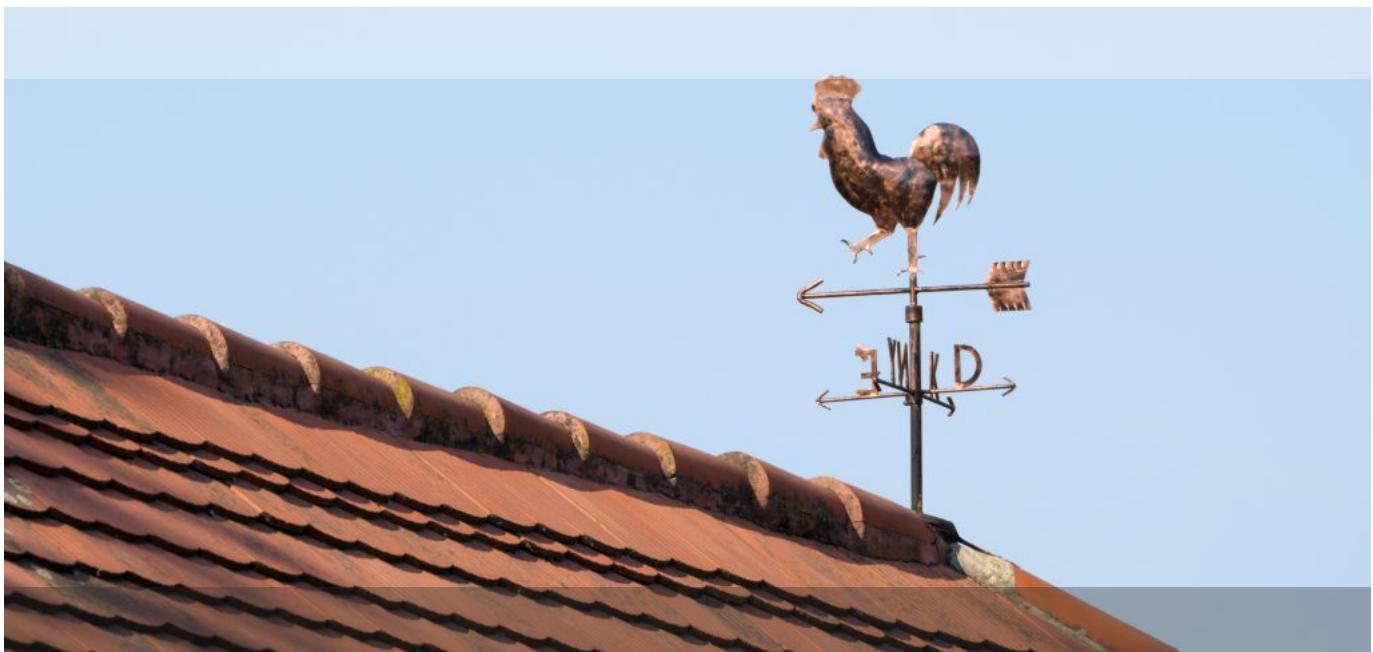
1400

Nº

**65.003**

1000

**65.004**



**2.07**
**skrzynki • boxes • Kästen • ящики • schränke**


HxL (mm)	405x255	405x255	405x255	405x255
	90	90	90	90
Nº	<b>65.200</b>	<b>65.201</b>	<b>65.202</b>	<b>65.203</b>



HxL (mm)	445x395	445x395
	170	170
Nº	<b>65.210</b>	<b>65.211</b>



HxL (mm)	370x360	470x360x130	370x360
	132	132	132
Nº	<b>65.250</b>	<b>65.250.01</b>	<b>65.251</b>



HxL (mm)	370x270	<i>new</i>	INOX	350x260	<i>new</i>	INOX	350x260	<i>new</i>	330x120
	116			85			85		120
Nº	<b>65.252</b>			<b>65.256</b>			<b>65.257</b>		<b>65.258</b>



HxL (mm)	405x270	<i>new</i>	300x210	300x210	300x210	<i>new</i>	
	120		65	65	65		
Nº	<b>65.259</b>		<b>65.260</b>		<b>65.261</b>		<b>65.262</b>



HxL (mm)	360x290	<i>new</i>	480x320	460x390
	65		120	105
Nº	<b>65.270</b>		<b>65.280</b>	<b>65.281</b>

**2.08**

**lampy • lamps • Lampen • ламры • lampy**



Ø290xH 350

Nº

**66.001**



H 530xL 290x330

**66.002**



H 670xL 310x420

**66.003** painted

H 670xL 310x420

**66.003.01** galvanized



HxL (mm)

400x300

Nº

**66.004** painted

**66.004.01** galvanized



380x290

**66.006** painted

380x290

**66.006.01** galvanized

**2.09**

**farby i patyny • paints and patina • Farben und Edelrost  
• краски и патины • barvy a patyny**

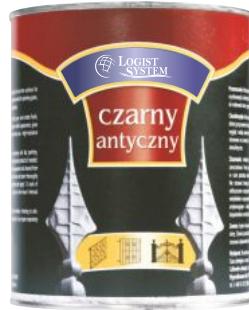
**Farby poliwinylowe • Polyvinyl paints**



0,8 l

Nº

**70.001**    **70.001.01**



grafit antyczny  
antique graphite

3 l

0,8 l

**70.002**    **70.002.01**

10 l **new**

Nº

**70.001.02**



brąz antyczny  
antique brown

0,8 l    3 l

**70.003**    **70.003.01**

### Farby styrenowo-akrylowe • Styrene-acrylic paints



grafit antyczny  
antique graphite



czarny antyczny  
antique black

1 l 70.021  
3 l 70.021.01  
10 l 70.021.02 **new**

1 l 70.022  
3 l 70.022.01  
10 l 70.022.02 **new**

### Farby podkładowe



Podkład czarny  
Dekoral

1 l N° 70.025



Podkład czerwony  
Dekoral

1 l N° 70.026

### Patyny poliwinylowe • Polyvinyl patina



patyna złoto  
patina gold



patyna srebro  
patina silver



patyna miedź  
patina copper



patyna zielon  
patina green



patyna jasno zielona  
patina light green

N°

70.101

70.102

70.103

70.104

70.105



patyna niebieska jasna  
patina light blue



patyna czerwona  
patina red



patyna żółta  
patina yellow



patyna biała  
patina white

N°

70.106

70.107

70.108

70.109

### Patyny styrenowo-akrylowe • Styrene-acrylic patina



0,23 l  
patyna złoto  
patina gold



0,23 l  
patyna srebro  
patina silver



0,23 l  
patyna miedz  
patina copper

N°

70.121

70.122

70.123

### Kotwy chemiczne



300 ml  
N° 80.001



410 ml  
N° 80.002

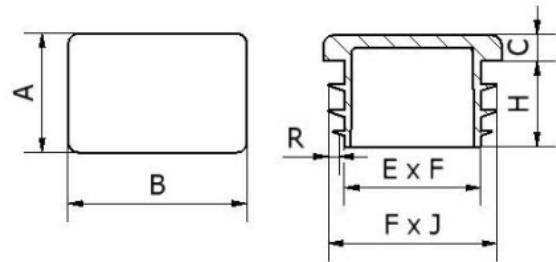


500 ml  
N° 80.003

### Cynk Spray

## 2.10 zaślepki uniwersalne do rur i profili

### Zaślepki do profili prostokątnych

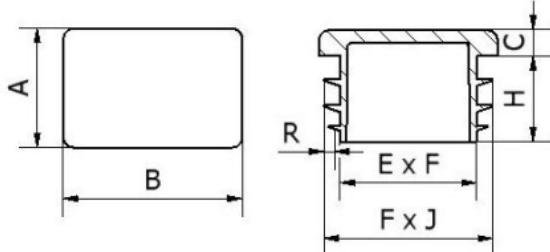


TYP	R-gr.scianki profilu	AxB [mm]	C [mm]	H [mm]	ExF [mm]	FxJ [mm]
ZP 10x20	0,8 - 1,0	10x20	3,0	12,0	6,1 x 15,9	9,0 x 19,3
ZP 10x20	1,0 - 1,5	10x20	3,0	12,0	5,7 x 15,8	8,4 x 18,5
ZP 10x25	1,0 - 2,0	10x25	5,0	11,5	6,4 x 21,5	8,7 x 23,5
ZP 10x30	1,0 - 1,5	10x30	3,1	12,8	4,9 x 24,4	8,8 x 28,7
ZP 10x35	1,2 - 2,5	10x35	5,0	10,0	5,0 x 29,5	7,4 x 32,0
ZP 10x40	1,5 - 2,0	10x40	2,8	13,1	4,9 x 34,3	7,6 x 37,8
ZP 15x20	1,0 - 2,5	15x20	5,0	11,0	10,8 x 15,5	14,0 x 19,0
ZP 15x25	1,0 - 2,0	15x25	5,0	12,9	10,3 x 19,9	13,9 x 23,9
ZP 15x30	1,0 - 2,0	15x30	3,8	14,8	10,9 x 23,1	13,5 x 28,8
ZP 15x35	1,0 - 2,5	15x35	5,0	12,3	9,7 x 30,3	13,1 x 33,1
ZP 15x40	1,2 - 2,5	15x40	4,2	13,0	8,3 x 33,5	13,5 x 38,6
ZP 15x45	1,0 - 2,5	15x45	5,0	11,1	10,4 x 40,2	14,0 x 43,4
ZP 15x50	1,0 - 2,0	15x50	5,0	13,7	10,6 x 45,6	13,8 x 49,5
ZP 18x30	1,0 - 3,0	18x30	5,0	14,0	11,0 x 22,6	16,5 x 28,5
ZP 20x24	1,0 - 2,5	20x24	4,2	14,2	12,8 x 13,5	18,4 x 23,6
ZP 20x25	1,0 - 2,5	20x25	5,0	14,6	12,0 x 17,1	18,1 x 23,1
ZP 20x30	1,0 - 3,0	20x30	5,0	14,0	13,0 x 22,5	18,5 x 28,5
ZP 20x35	1,0 - 3,0	20x35	5,0	13,0	13,1 x 28,3	18,0 x 33,2
ZP 20x40	1,0 - 3,0	20x40	5,0	14,0	13,0 x 32,6	18,5 x 38,5
ZP 20x50	1,0 - 3,0	20x50	5,0	15,0	13,0 x 42,8	18,7 x 49,0
ZP 20x60	1,5 - 3,0	20x60	5,0	14,0	14,0 x 54,0	18,2 x 58,0
ZP 20x70	1,0 - 3,0	20x70	5,0	19,3	13,1 x 62,3	18,4 x 67,5
ZP 20x80	1,5 - 3,0	20x80	5,0	17,5	12,9 x 74,3	18,0 x 78,4
ZP 20x100	1,5 - 3,0	20x100	5,0	16,9	12,1 x 92,4	18,0 x 98,3
ZP 25x30	1,0 - 2,5	25x30	5,0	13,6	19,6 x 24,5	23,1 x 28,5
ZP 25x35	1,0 - 2,5	25x35	4,6	13,5	20,0 x 29,5	24,3 x 33,7
ZP 25x40	1,5 - 3,0	25x40	5,0	14,0	19,8 x 32,5	23,4 x 38,0
ZP 25x45	1,5 - 3,0	25x45	5,0	13,0	18,2 x 38,5	23,1 x 43,4
ZP 25x50	1,5 - 3,0	25x50	5,0	16,0	15,8 x 40,5	22,8 x 47,2
ZP 25x60	1,5 - 3,0	25x60	5,0	16,8	17,2 x 52,3	23,2 x 58,6
ZP 25x70	1,5 - 3,0	25x70	5,0	16,8	17,3 x 62,3	23,2 x 67,7
ZP 25x80	1,5 - 3,0	25x80	5,0	16,7	17,2 x 72,6	22,9 x 78,5
ZP 25x100	1,5 - 3,0	25x100	5,0	17,0	17,2 x 92,4	23,1 x 98,3
ZP 27x40	1,5 - 3,0	27x40	5,0	14,0	19,8 x 32,6	25,4 x 38,2
ZP 30x40	1,5 - 3,0	30x40	5,0	14,0	21,7 x 32,4	28,6 x 37,3
ZP 30x45	1,5 - 3,0	30x45	5,0	14,7	22,9 x 37,0	29,0 x 42,8
ZP 30x50	1,5 - 3,0	30x50	5,0	16,0	22,8 x 42,5	27,6 x 47,5
ZP 30x60	1,5 - 3,0	30x60	5,0	16,0	22,5 x 52,0	27,8 x 58,0
ZP 30x70	1,5 - 3,0	30x70	5,0	18,8	20,5 x 58,9	27,8 x 66,7
ZP 30x80	1,5 - 3,0	30x80	5,0	18,0	21,8 x 71,4	28,5 x 78,5
ZP 30x100	1,5 - 3,0	30x100	5,0	15,0	19,9 x 91,4	27,2 x 98,0
ZP 30x120	1,0 - 2,0	30x120	4,7	20,1	26,5 x 119,8	22,2 x 114,9
ZP 35x40	1,0 - 3,0	35x40	5,0	11,5	27,2 x 32,3	33,8 x 38,8
ZP 35x45	1,0 - 3,0	35x45	5,0	11,0	26,7 x 36,8	33,7 x 43,5
ZP 35x50	1,5 - 3,0	35x50	5,0	15,0	26,7 x 41,5	32,1 x 47,3
ZP 35x70	1,5 - 3,5	35x70	5,0	19,0	24,0 x 58,5	32,1 x 67,3
ZP 40x50	1,5 - 3,0	40x50	5,0	18,0	31,0 x 41,0	37,7 x 47,9
ZP 40x60	1,5 - 3,0	40x60	5,0	17,0	30,8 x 50,5	38,2 x 58,0
ZP 40x70	1,5 - 3,5	40x70	5,0	19,0	28,6 x 58,3	37,3 x 66,5

Standard colours:  9005  7040  9010

Materiał: PE

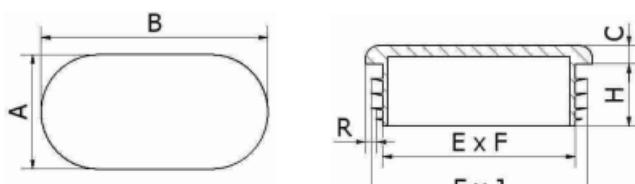
## Zaślepki do profili prostokątnych



TYP	R-gr.scianki profilu	AxB [mm]	C [mm]	H [mm]	ExF [mm]	FxJ [mm]
ZP 40x80	1,5 - 3,0	40x80	5,0	17,0	28,0 x 68,0	37,6 x 77,2
ZP 40x100	1,5 - 4,0	40x100	5,0	19,5	27,6 x 87,0	37,7 x 96,0
ZP 40x120	2,5 - 3,0	40x120	5,0	19,0	27,5 x 107,6	38,0 x 116,7
ZP 45x60	1,5 - 4,0	45x60	5,0	14,9	34,5 x 50,8	42,3 x 58,3
ZP 50x70	1,5 - 4,0	50x70	5,0	19,0	37,5 x 57,4	47,7 x 67,3
ZP 50x80	2,0 - 4,0	50x80	5,0	19,0	37,0 x 67,5	47,3 x 76,8
ZP 50x90	2,0 - 4,0	50x90	6,0	21,5	36,0 x 76,0	46,8 x 86,7
ZP 50x100	2,0 - 4,0	50x100	5,0	20,0	39,3 x 90,0	46,3 x 95,5
ZP 50x120	2,0 - 4,0	50x120	5,0	21,0	34,5 x 104,5	45,0 x 115,0
ZP 60x80	1,5 - 4,0	60x80	5,7	20,0	46,0 x 66,0	57,5 x 77,1
ZP 60x100	1,5 - 4,0	60x100	5,0	21,5	46,2 x 85,0	57,0 x 95,5
ZP 60x110	3,5 - 5,0	60x110	6,0	24,5	41,8 x 94,0	52,6 x 104,1
ZP 60x120	2,0 - 4,0	60x120	5,8	20,0	46,0 x 105,6	56,5 x 115,5
ZP 70x90	3,0 - 5,0	70x90	6,0	21,5	53,0 x 74,0	63,9 x 84,9
ZP 70x110	3,0 - 5,0	70x110	6,0	24,5	53,2 x 94,0	94,0 x 105,0
ZP 80x100	2,0 - 4,0	80x100	6,0	24,0	65,3 x 84,8	76,0 x 96,1
ZP 80x120	1,5 - 4,0	80x120	5,8	26,0	62,0 x 101,5	76,0 x 115,3
ZP 80x140	2,0 - 4,0	80x140	5,8	24,0	70,0 x 130	76,5 x 136,5
ZP 100x120	3,5 - 6,0	100x120	6,0	24,0	84,2 x 103,8	94,1 x 114,3
ZP 100x150	5,0 - 10,0	100x150	6,0	27,0	78,4 x 128,5	91,8 x 141,0

Standard colours:  9005  7040  9010  
Materiał: PE

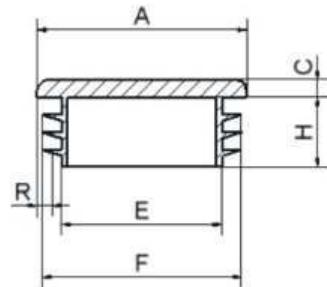
## Zaślepki do rur owalnych



TYP	R-gr.scianki profilu	AxB [mm]	C [mm]	H [mm]	ExF [mm]	FxJ [mm]
ZPOW 15x30	1,5 - 2,0	15x30	3,0	16,0	8,85 x 23,85	12,32 x 27,5
ZPOW 20x30	1,0 - 2,0	20x30	3,9	11,9	15,50 x 25,00	18,60 x 28,6
ZPOW 20x38	1,5 - 2,0	20x38	5,0	11,5	14,00 x 32,30	18,90 x 37,15
ZPOW 20x40	1,5 - 2,0	20x40	5,0	11,7	14,70 x 34,20	18,77 x 38,90
ZPOW 30x50	1,5 - 2,0	30x50	5,0	11,5	21,1 x 42,9	27,90 x 49,0
ZPOW 30x60	1,2 - 3,0	30x60	5,0	16,2	21,43 x 52,09	27,82 x 58,33

Standard colours:  9005  7040  9010  
Materiał: PE

## Zaślepki do profili kwadratowych

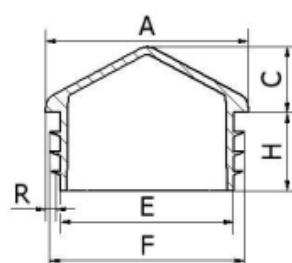


TYP	R-gr.scianki profilu	AxA [mm]	C [mm]	H [mm]	E [mm]	F [mm]
ZK 10x10	<b>0,8-1,5</b>	10x10	3,9	10,0	5,3	8,9
ZK 12x12	<b>1,0-2,0</b>	12x12	4,0	11,6	6,8	11,3
ZK 15x15	<b>1,0-2,0</b>	15x15	5,0	12,0	10,0	13,4
ZK 16x16	<b>1,0-2,0</b>	16x16	5,0	12,2	10,8	14,3
ZK 18x18	<b>1,0-2,0</b>	18x18	5,0	11,0	12,6	16,3
ZK 20x20	<b>1,0-2,5</b>	20x20	5,0	14,0	12,9	18,6
ZK 25x25	<b>1,0-2,5</b>	25x25	5,0	15,0	18,0	23,2
ZK 30x30	<b>1,0-2,5</b>	30x30	5,0	15,0	23,0	27,7
ZK 32x32	<b>1,0-2,5</b>	32x32	5,0	12,0	23,9	30,8
ZK 35x35	<b>1,0-2,5</b>	35x35	5,0	17,0	27,1	32,2
ZK 40x40	<b>1,2-3,0</b>	40x40	5,0	18,0	31,3	38,4
ZK 40x40 3-5	<b>3,0-5,0</b>	40x40	5,0	19,0	27,1	35,4
ZK 45x45	<b>1,5-3,0</b>	45x45	5,0	17,5	33,5	43,0
ZK 50x50	<b>1,5-3,0</b>	50x50	5,0	18,0	43,7	48,0
ZK 50x50 3-5	<b>3,5-5,0</b>	50x50	5,0	18,8	36,9	44,8
ZK 60x60	<b>1,5-3,0</b>	60x60	5,0	18,0	53,0	58,3
ZK 60x60 3-5	<b>3,0-5,0</b>	60x60	5,0	19,0	46,6	54,6
ZK 70x70	<b>1,5-4,0</b>	70x70	5,0	21,8	58,5	66,7
ZK 80x80	<b>1,5-4,5</b>	80x80	5,0	22,0	67,1	77,4
ZK 80x80 5-8	<b>5,0-8,0</b>	80x80	5,6	22,4	61,0	71,3
ZK 90x90	<b>2,0-5,0</b>	90x90	5,0	25,0	78,2	87,0
ZK 100x100	<b>2,0-5,0</b>	100x100	5,0	23,0	86,3	96,4
ZK 120x120	<b>3,0-6,5</b>	120x120	6,5	28,0	100,5	115,0
ZK 140x140	<b>2,5-8,0</b>	140x140	7,0	28,5	120,0	135,5
ZK 150x150	<b>5,0-12,0</b>	150x150	7,0	28,5	120,0	145,2

Standard colours: ● 9005 ○ 7040 □ 9010

Materiał: PE

## Zaślepki kopertowe do profili kwadratowych

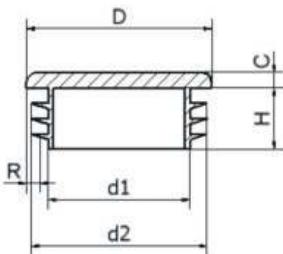


TYP	R-gr.scianki profilu	AxA [mm]	C [mm]	H [mm]	E [mm]	F [mm]
ZKK 15x15	<b>1,0-2,0</b>	15x15	17,0	12,0	10,0	13,4
ZKK 20x20	<b>1,0-2,5</b>	20x20	10,0	14,0	12,9	18,6
ZKK 40x40	<b>1,5-3,0</b>	40x40	13,0	17,0	31,0	37,4
ZKK 50x50	<b>1,5-3,0</b>	50x50	16,0	19,7	40,4	47,0
ZKK 60x60	<b>1,5-3,0</b>	60x60	21,0	18,0	52,7	58,4
ZKK 70x70	<b>2,0-5,0</b>	70x70	18,5	19,3	58,9	67,0
ZKK 80x80	<b>2,0-5,0</b>	80x80	26,0	22,0	67,2	77,4
ZKK 100x100	<b>2,0-5,0</b>	100x100	32,0	23,0	86,3	96,5

Standard colours: ● 9005 ○ 7040 ■ 6005 ■ 8028

Materiał: PE

## Zaślepki do rur okrągłych



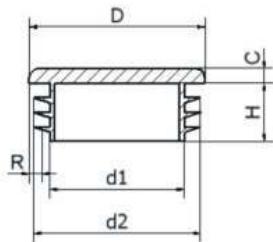
TYP	R-gr.scianki profilu	D [mm]	C [mm]	H [mm]	d1 [mm]	d2 [mm]
ZO 10	0,8-1,5	10	3,9	10,5	5,3	8,9
ZO 12	0,5-1,5	12	3,0	12,5	7,3	11,5
ZO 13	1,0-1,5	13	3,0	10,0	8,0	11,2
ZO 14	1,0-1,5	14	3,5	9,9	9,5	12,9
ZO 15	1,0-2,5	15	3,5	9,9	8,1	13,5
ZO 16	1,0-1,5	16	5,0	12,7	10,3	15,0
ZO 18	1,0-1,5	18	5,0	14,3	12,4	17,0
ZO 19	1,0-1,5	19	4,0	11,3	12,1	17,8
ZO 20	1,0-1,5	20	5,0	14,9	14,5	19,4
ZO 21,3(1/2)"	2,0-3,5	21,3	5,0	20,0	12,4	16,8
ZO 22	1,0-2,0	22	5,0	14,8	15,9	20,8
ZO 25	1,0-2,0	25	5,0	15,0	18,7	23,7
ZO 26,9(3/4)"	2,0-3,2	26,9	5,0	20,0	19,4	23,4
ZO 27	1,0-2,0	27	5,0	15,0	19,6	25,4
ZO 28	1,0-2,0	28	5,0	15,4	19,5	26,4
ZO 30	1,0-2,0	30	5,0	15,0	25,0	29,0
ZO 32	1,0-2,0	32	5,0	15,0	25,3	30,0
ZO 33,7(1)"	1,0-2,0	33,7	5,0	20,0	24,8	28,5
ZO 35	1,0-2,0	35	5,0	15,2	25,8	32,8
ZO 38	1,5-2,5	38	5,0	14,9	31,5	36,0
ZO 40	1,5-2,5	40	5,0	15,0	32,0	38,8
ZO 42,4(11/4)"	2,5-3,6	42,4	5,0	15,0	33,5	40,8
ZO 45	1,0-2,5	45	5,0	14,9	34,5	43,5
ZO 48,2(11,2)"	2,0-3,6	48,2	5,0	17,5	37,8	45,5
ZO 50	1,2-2,5	50	5,0	18,0	42,5	48,5
ZO 55	1,0-2,5	55	4,8	18,5	46,3	54,1
ZO 60	1,5-3,0	60	5,0	19,5	50,9	58,4
ZO 60,3(2)"	2,0-3,6	60,3	5,0	18,0	49,0	57,6
ZO 65	1,5-4,0	70	5,0	22,1	59,0	67,2
ZO 70	1,5-4,0	70	5,0	22,1	59,0	67,2
ZO 76	1,5-2,5	76	5,0	21,8	64,0	74,0
ZO 76 (21/2)"	3,0-4,0	76	5,0	22,0	63,7	71,3
ZO 80	1,0-4,0	80	5,0	21,3	67,4	78,5
ZO 90	1,0-2,5	90	5,0	21,0	78,5	89,6
ZO 90 (3)"	3,0-5,0	90	5,0	21,0	76,9	86,3
ZO 102	1,0-5,0	102	5,0	21,6	88,9	101,0
ZO 108	3,0-5,0	108	6,0	29,0	92,4	103,5
ZO 114	3,0-5,0	114	6,0	32,5	98,5	108,8
ZO 120	2,0-4,0	120	6,2	28,0	106,5	116,5
ZO 130	2,0-5,0	130	5,0	31,5	113,0	127,2

Standard colours: ● 9005 ○ 7040 □ 9010

Material: PE

"- wymiar w calach

## Zaślepki okrągłe do rur całowych grubościennych



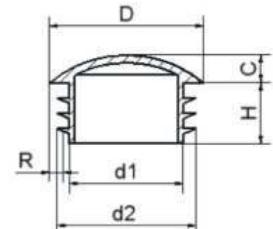
TYP	R-gr.scianki profilu	D [mm]	H [mm]	C [mm]	d1 [mm]	d2 [mm]
ZO 1/2"	2,5-3,5	21,3	20,0	5,0	12,4	16,8
ZO 3/4"	2,0-3,2	26,9	20,0	5,0	19,4	23,4
ZO 1"	2,5-3,2	33,7	20,0	5,0	24,8	28,5
ZO 1 1/4	2,5-3,6	42,4	15,0	5,0	33,5	40,8
ZO 1 1/2	2,0-3,6	48,3	17,5	5,0	37,8	45,5
ZO 2"	2,0-3,6	60,3	19,8	5,0	49,7	56,8
ZO 2 1/2"	3,0-4,0	76,1	22,0	5,0	63,8	71,3
ZO 3"	3,0-5,0	90,2	21,0	5,0	76,6	86,5

Standard colours: ● 9005 ○ 7040 □ 9010

Materiał: PE

"- wymiar w calach

## Zaślepki soczewkowe do rur okrągłych

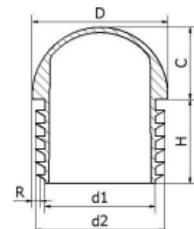


TYP	R-gr.scianki profilu	D [mm]	C [mm]	H [mm]	d1 [mm]	d2 [mm]
ZOS 18	1,0 - 2,0	18,0	5,0	12,0	13,3	16,8
ZOS 20	1,0 - 2,0	20,0	5,0	11,8	15,5	19,0
ZOS 22	1,0 - 2,0	22,0	5,0	12,0	16,3	20,7
ZOS 25	1,0 - 2,0	25,0	5,0	12,0	18,8	24,0
ZOS 28	1,0 - 2,0	28,0	5,0	14,9	19,5	26,3
ZOS 30	1,2 - 2,5	30,0	5,0	14,0	23,3	28,8
ZOS 32	1,2 - 2,5	32,0	5,0	14,6	26,3	30,2
ZOS 40	1,5 - 2,5	40,0	5,0	15,0	32,0	39,2

Standard colours: ● 9005 ○ 7040 □ 9010

Materiał: PE

## Zaślepki półkoliste do rur okrągłych

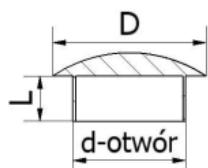


TYP	R-gr.scianki profilu	D [mm]	C [mm]	H [mm]	d1 [mm]	d2 [mm]
ZORR 16	1,2-2,5	16,0	7,3	12,0	10,0	14,8
ZORR 20	1,5-2,5	20,0	10,0	15,5	12,0	18,3
ZORR 22	1,5-2,5	22,0	10,8	16,2	16,2	19,6
ZORR 25	1,5-2,5	25,0	11,5	15,9	17,1	23,6
ZORR 32	1,2-2,5	32,0	16,0	20,0	26,3	30,2
ZORR 42,4(11/4)"	1,5-2,5	42,4	21,2	25,2	32,4	36,6
ZORR 48,3(11/2)"	1,5-2,5	48,3	24,1	25,0	38,2	42,4
ZORR 50	1,5-2,5	49,8	25,5	29,5	39,0	47,2
ZORR 60	1,5-4,0	60,3	30,1	37,5	49,0	57,5

Standard colours: ● 9005 ○ 7040 □ 9010

Materiał: PE

## Zaślepki do otworów technologicznych



TYP	do otworów D [mm]	D [mm]	L [mm]
ZDO 12x3	3,0	12,0	6,0
ZDO 8x4	4,0	8,0	3,0
ZDO 8x5	5,0	8,0	5,0
ZDO 10x6	6,0	10,0	5,4
ZDO 13x6	6,0	13,0	5,4
ZDO 10x7	7,0	10,0	6,0
ZDO 13x8	8,0	13,0	6,0
ZDO 13x9	9,0	13,0	6,2
ZDO 13x10	10,0	13,0	6,3
ZDO 13x10x4,5	10,0	13,0	4,5
ZDO 14x11	11,0	14,0	6,3
ZDO 15x12	12,0	15,0	8,6
ZDO 16x13	13,0	16,0	6,9
ZDO 18x15	15,0	18,0	7,0
ZDO 24x17	17,0	24,5	10,0
ZDO 24x20	20,0	24,0	10,0
ZDO 30x25	25,0	30,0	5,0
ZDO 36x30	30,0	36,0	10,0

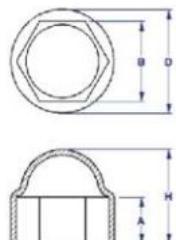
Standard colours: ● 9005 ○ 7040 ○ 9010

Materiał: PE

**Zastosowanie -**  
zaślepianie różnych  
otworów technologicznych



## Maskownice śrub i nakrętek

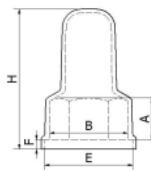


TYP	Gwint	B [mm]	D [mm]	H [mm]	A [mm]	klucz
MS 5	M5	7,9	10,6	9,5	6,0	8
MS 6	M6	9,9	13,2	13,4	7,3	10
MS 8	M8	12,9	17,6	16,5	8,7	13
MS 10	M10	16,9	21,6	20,3	10,1	17
MS 12	M12	18,9	23,6	21,9	11,4	19
MS 14	M14	21,9	27,4	24,2	12,5	22
MS 16	M16	23,9	29,6	27,2	14,0	24
MS 18	M18	26,5	33,3	30,3	17,4	27
MS 20	M20	29,0	36,5	33,5	18,0	30
MS 22	M22	31,3	38,9	36,0	20,0	32
MS 24	M24	34,5	43,9	39,3	20,2	36
MS 27	M27	41,0	50,0	46,5	24,1	41
MS 30	M30	45,8	56,0	51,3	24,8	46
MS 33	M33	48,7	59,5	56,2	28,3	50
MS 36	M36	54,1	66,0	58,0	29,2	55
MS 39	M39	59,5	72,0	61,0	34,6	60
MS 42	M42	64,0	76,6	63,1	36,6	64
MS 45	M45	68,4	84,0	88,4	34,5	70

Standard colours: ● 9005 ○ 7040 ○ 6005 ○ 9010

Materiał: PE

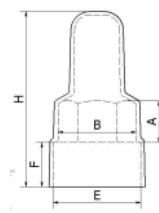
## Maskownice śrub i nakrętek o wydłużonym kształcie



TYP	Gwint	B [mm]	H [mm]	A [mm]	E [mm]	F [mm]	klucz
<b>MS 16 H53</b>	<b>M16</b>	24,2	53,0	16,3	33,0	4,0	24
<b>MS 22 H70</b>	<b>M22</b>	32,3	70,0	21,5	42,0	4,0	32
<b>MS 24 H70</b>	<b>M24</b>	35,2	75,0	21,0	46,6	5,0	36
<b>MS 27 H80</b>	<b>M27</b>	39,9	83,0	24,0	51,3	5,0	41
<b>MS 36 H110</b>	<b>M36</b>	55,5	110,0	33,6	69,0	6,0	55

Standard colours:  9005  7040

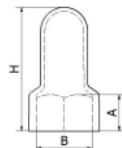
Materiał: PE



TYP	Gwint	B [mm]	H [mm]	A [mm]	E [mm]	F [mm]	klucz
<b>MS 16 H66 2x nakrętka</b>	<b>M16</b>	24,2	66,0	16,3	33,0	17,0	24
<b>MS 20 H88 2x nakrętka</b>	<b>M20</b>	29,3	88,0	19,0	35,5	21,5	30
<b>MS 22 H88 2x nakrętka</b>	<b>M22</b>	32,3	88,0	21,5	42,0	22,0	32
<b>MS 24 H90 2x nakrętka</b>	<b>M24</b>	35,2	94,0	21,0	46,6	24,0	36
<b>MS 27 H100 2x nakrętka</b>	<b>M27</b>	39,9	99,5	24,0	51,3	27,0	41
<b>MS 30 H100 2x nakrętka</b>	<b>M30</b>	51,5	99,5	51,0	59,0	5,0	46

Standard colours:  9005  7040

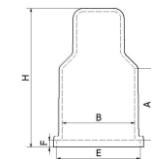
Materiał: PE



TYP	Gwint	B [mm]	H [mm]	A [mm]	E [mm]	F [mm]	klucz
<b>MS 20 H60</b>	<b>M20</b>	29,3	65,0	19,0	----	----	30

Standard colours:  9005  7040

Materiał: PE



TYP	Gwint	B [mm]	H [mm]	A [mm]	E [mm]	F [mm]	klucz
<b>MS 36 H138 2x nakrętka</b>	<b>M36</b>	55,5	138,0	33,6	69,0	33,0	55

Standard colours:  9005  7040

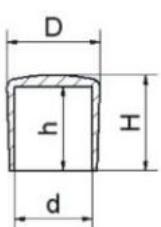
Materiał: PE

### Zastosowanie:

- do zabezpieczania gwintów i nakrętek
- ochrona kotwy montażowej w np: barierach ochronnych, ekranach wyciszających, słupach oświetleniowych.



## Zaślepki zewnętrzne na rury okrągłe, pręty i gwinty



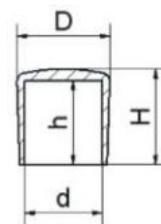
Standard colours: ● 9005 ○ 7040 ○ 9010

Materiał: PE

Opcja Materiał: PVC

TYP	d [mm]	H [mm]	h [mm]	D [mm]
ZZO 3	2,95	8,8	7,4	5,2
ZZO 4	3,9	8,9	7,5	5,0
ZZO 5	4,9	11,5	9,2	6,8
ZZO 6	5,9	14,0	11,2	8,3
ZZO 6/PVC	5,9	14,0	11,2	8,3
ZZO 8	7,8	15,4	11,9	11,2
ZZO 8/PVC	7,8	15,4	11,9	11,2
ZZO 10	9,8	16,7	13,3	13,2
ZZO 10/PVC	9,8	16,7	13,3	13,2
ZZO 12	11,8	17,7	14,3	15,6
ZZO 14	13,7	16,0	13,2	17,0
ZZO 15	14,9	17,0	13,4	18,6
ZZO 16	15,9	22,6	19,8	19,6
ZZO 18	17,9	23,7	18,6	21,4
ZZO 19	18,8	23,2	19,2	22,3
ZZO 20	19,8	24,9	20,4	24,1
ZZO 21	21,5	27,1	21,3	23,0
ZZO 22	21,8	24,1	20,1	27,6
ZZO 25	24,9	27,6	22,8	27,8
ZZO 27	26,9	30,3	25,3	29,0
ZZO 28	27,9	28,8	23,9	32,8
ZZO 30	29,7	29,2	24,2	34,6
ZZO 32	31,4	30,7	24,5	36,3
ZZO 33,4	33,3	29,7	24,3	39,6
ZZO 34	33,9	29,7	24,3	39,5
ZZO 35	34,8	29,7	24,3	40,6
ZZO 54/PVC	53,1	34,3	25,5	57,5

## Stopki zewnętrzne na rury okrągłe o zwiększonej odporności/ PVC

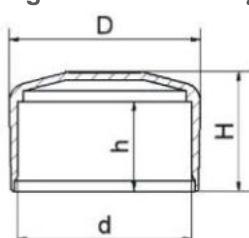


Materiał: Czarny PVC

Zastosowanie jako stopa o pogrubionej podstawie

TYP	d [mm]	H [mm]	h [mm]	D [mm]
SZO 20	19,9	30,0	24,0	26,0
SZO 25	24,9	36,0	29,5	32,0

## Nasadki zewnętrzne na słupki ogrodzeniowe okrągłe

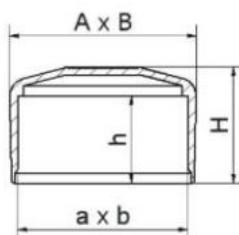


Standard colours: ● 9005 ○ 7040 ○ 6005 ● 8028

Materiał: PE

TYP	d [mm]	D [mm]	H [mm]	h [mm]
NSO 38	37,8	42,5	29,8	22,5
NSO 40	39,8	46,6	29,8	22,5
NSO 42	41,7	46,6	34,4	24,4
NSO 1 1/4"	42,4	46,8	33,5	24,3
NSO 44,5	44,3	48,8	34,5	24,7
NSO 1 1/2"	48,3	53,0	33,0	24,0
NSO 51	50,6	53,3	33,0	24,0
NSO 2"	59,8	65,0	40,0	27,0
NSO 2 1/2"	75,8	79,5	40,0	27,0

## Nasadki zewnętrzne na słupki ogrodzeniowe prostokątne

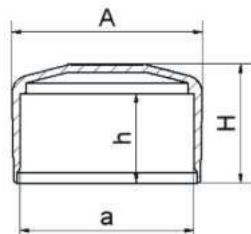


Standard colours: ● 9005 ○ 7040 ○ 6005 ● 8028

Materiał: PE

TYP	axb [mm]	AxB [mm]	H [mm]	h [mm]
NSP 18x30	18,0x30,0	20,5x31,0	24,0	19,0
NSP 20x30	20,0x30,0	23,5x33,5	24,0	19,0
NSP 40x60	40,0x60,0	45,0x65,0	30,5	21,0
NSP 40x80	40,0x80,0	45,0x85,0	31,2	21,2
NSP 60x80	60,0x80,0	65,0x85,0	33,0	21,0

## Nasadki zewnętrzne na słupki ogrodzeniowe kwadratowe

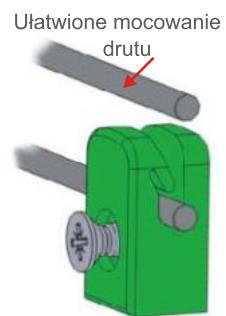
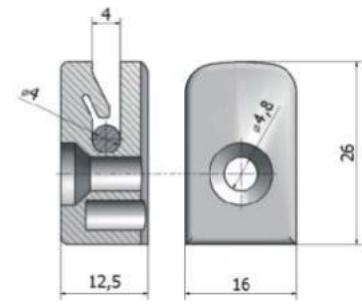
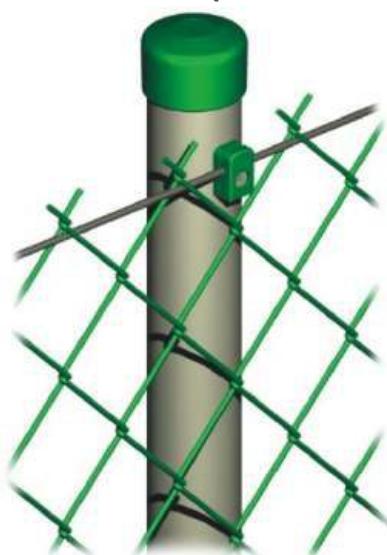


Standard colours: ● 9005 ● 7040 ● 6005 ● 8028  
Materiał: PE

TYP	a [mm]	A [mm]	H [mm]	h [mm]
NSK 15	15,0	18,7	21,0	16,0
NSK 16	16,0	18,7	21,0	16,0
NSK 18	18,0	21,6	21,9	17,0
NSK 20	20,0	24,0	24,0	19,0
NSK 30	30,0	33,7	19,3	23,8
NSK 40	40,0	45,5	32,0	21,0
NSK 50	50,0	54,0	27,0	21,0
NSK 60	60,0	65,0	31,0	21,0
NSK 70	70,0	77,0	35,0	25,0
NSK 80	80,0	87,0	36,0	26,0
NSK 100	100,0	103,0	31,0	21,0

## 2.11 akcesoria ogrodzeniowe

### Przelotka na wkręt

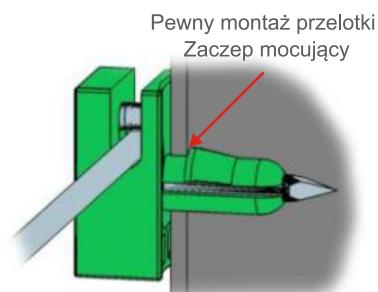
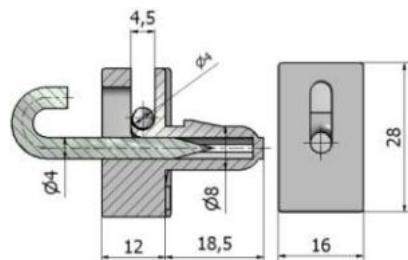


Ułatwione mocowanie drutu  
Prosty i pewny montaż wkrętem samogwintującym M4,8x25

TYP	mocowanie
PD/A	wkręt samogwintujący M4,8x25 standardowo: z łączem krzyżakowym opcjonalnie: z łączem sześciokątnym

Standard colours: ● 9005 ● 7040 ● 6005 ● 8028 ● 7016  
Materiał: PE

### Przelotka na bolec

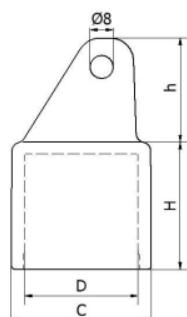


Pewny montaż przelotki  
Zaczep mocujący  
średnica otworu montażowego w słupku ogrodzeniowym Ø8

TYP	mocowanie
PD/A	bolec ocynk
PD/B A2	bolec nierdzewny a2

Standard colours: ● 9005 ● 7040 ● 6005 ● 8028 ● 7016  
Materiał: PE

### Nasadka słupka podporowego



TYP	D [mm]	C [mm]	H [mm]	h [mm]
POD 38	38,4	46,9	46,9	46,9
POD 1 1/4	42,4	54,8	54,8	54,8
POD 44,5	44,5	54,8	54,8	54,8
POD 1 1/2	48,3	60,9	60,9	60,9
POD 51	50,6	60,9	60,9	60,9

Standard colours: ● 9005 ○ 7040 ■ 6005 ■ 8028 ● 7016  
Materiał: PA

### Uchwyt podpory słupka ogrodzeniowego UP



TYP	Uwagi
UP/OC	ocynk
UP/MA	malowany
Śruba M8x25	ocynk
Nakrętka M8	ocynk

Standard colours ■ 6005  
Ocynk galwaniczny

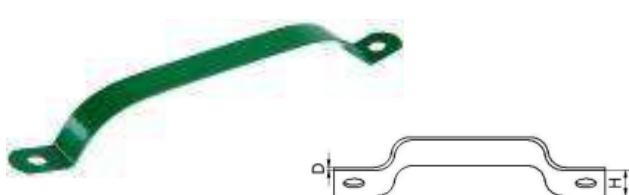
### Uchwyt podpory słupka ogrodzeniowego UP/2



TYP	Uwagi
UP/2/OC	ocynk
UP/2/MA	malowany
Śruba M8x25	ocynk
Nakrętka M8	ocynk

Standard colours ■ 6005  
Ocynk galwaniczny

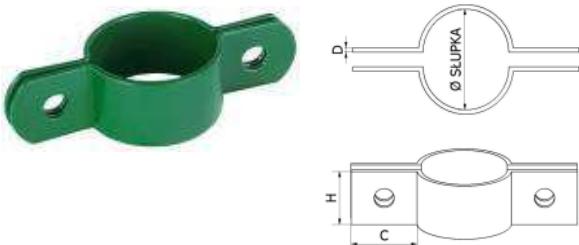
### Opaska metalowa



Standard colours ■ 6005  
Ocynk galwaniczny

TYP	Słupek	Kolor	D [mm]	H [mm]
OM42/OC	Ø42	ocynk	1,0	20,0
OM42/MA	Ø42	* malowana	1,0	20,0
OM45/OC	Ø45	ocynk	1,0	20,0
OM45/MA	Ø45	* malowana	1,0	20,0
OM48/OC	Ø48	ocynk	1,0	20,0
OM48/MA	Ø48	* malowana	1,0	20,0
OM50/OC	Ø50	ocynk	1,0	20,0
OM50/MA	Ø50	* malowana	1,0	20,0
OM60/OC	Ø60	ocynk	1,0	20,0
OM60/MA	Ø60	* malowana	1,0	20,0
OM75/OC	Ø75	ocynk	1,0	20,0
OM75/MA	Ø75	* malowana	1,0	20,0
OM90/OC	Ø90	ocynk	1,0	20,0
OM90/MA	Ø90	* malowana	1,0	20,0

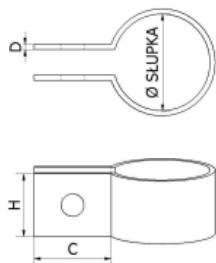
### Obejma pośrednia 1 otwór



TYP	Słupek	Kolor	D [mm]	H [mm]	C [mm]
OP1/42/OC	Ø42	ocynk	2,0	25,0	27,0
OP1/42/MA	Ø42	* malowana	2,0	25,0	27,0
OP1/48/OC	Ø48	ocynk	2,0	25,0	27,0
OP1/48/MA	Ø48	* malowana	2,0	25,0	27,0
OP1/60/OC	Ø60	ocynk	2,0	25,0	27,0
OP1/60/MA	Ø60	* malowana	2,0	25,0	27,0

Standard colours ■ 6005  
Ocynk galwaniczny

### Obejma końcowa 1 otwór

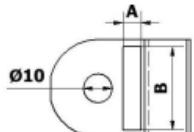


TYP	Słupek	Kolor	D [mm]	H [mm]	C [mm]
OK1/42/OC	Ø42	ocynk	2,0	25,0	27,0
OK1/42/MA	Ø42	* malowana	2,0	25,0	27,0
OK1/48/OC	Ø48	ocynk	2,0	25,0	27,0
OK1/48/MA	Ø48	* malowana	2,0	25,0	27,0
OK1/60/OC	Ø60	ocynk	2,0	25,0	27,0
OK1/60/MA	Ø60	* malowana	2,0	25,0	27,0

Standard colours  6005

Ocynk galwaniczny

### Spinka pomocnicza

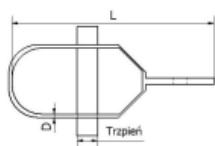


TYP	Opis	A [mm]	B [mm]	Kolor
Spinka20/OC	Spinka do opasek	5,1	20,0	ocynk
Spinka20/MA	Spinka do opasek	5,1	20,0	* malowana
Spinka25/OC	Spinka do obejm	5,25	25,0	ocynk
Spinka25/MA	Spinka do obejm	5,25	25,0	* malowana

Standard colours  6005

Ocynk galwaniczny

### Naciąg do drutu

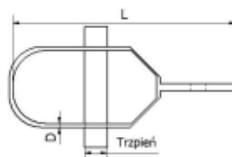


TYP	Trzpień	Kolor	D [mm]	L [mm]
NS90/OC	Ø14	ocynk	1,5	90,0
NS90/MA	Ø14	* malowany	1,5	90,0

Standard colours  6005

Ocynk galwaniczny

### Naciąg do drutu



TYP	Trzpień	Kolor	D [mm]	L [mm]
NSW90/OC wzmacniany	Ø14	ocynk	2,0	90,0
NSW90/MA wzmacniany	Ø14	*malowany	2,0	90,0

Standard colours  6005

Ocynk galwaniczny

### Pręt naciągowy



Standard colours  6005

Ocynk galwaniczny

TYP	Wymiar pręta	Kolor
Pręt 8x1050/OC	Ø8x1050 mm	ocynk
Pręt 8x1050/OC PVC	Ø8x1050 mm	ocynk
Pręt 8x1050/MA	Ø8x1050 mm	* malowana
Pręt 8x1050/MA PVC	Ø8x1050 mm	* malowana
Pręt 8x1300/OC	Ø8x1300 mm	ocynk
Pręt 8x1300/OC PVC	Ø8x1300 mm	ocynk
Pręt 8x1300/MA	Ø8x1300 mm	* malowana
Pręt 8x1300/MA PVC	Ø8x1300 mm	* malowana
Pręt 8x1550/OC	Ø8x1550 mm	ocynk
Pręt 8x1550/OC PVC	Ø8x1550 mm	ocynk
Pręt 8x1550/MA	Ø8x1550 mm	* malowana
Pręt 8x1550/MA PVC	Ø8x1550 mm	* malowana
Pręt 8x1850/OC	Ø8x1850 mm	ocynk
Pręt 8x1850/OC PVC	Ø8x1850 mm	ocynk
Pręt 8x1850/MA	Ø8x1850 mm	* malowana
Pręt 8x1850/MA PVC	Ø8x1850 mm	* malowana

### Śruba mocująca pręt sprężający



TYP	Opis	Kolor
Śruba mocująca	pręt sprężający Ø8	ocynk
Śruba hakowa mocująca	pręt sprężający Ø8	ocynk

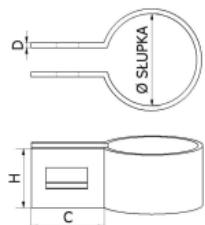
w komplecie śruba, 2x nakrętka i podkładka



*[www.logistsystem.pl](http://www.logistsystem.pl)*



### Obejma okrągła końcowa

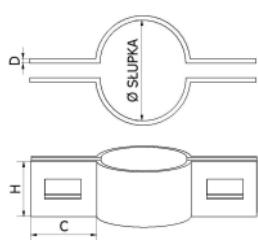


TYP	Słupek	Kolor	D [mm]	H [mm]	C [mm]
OK42/OC	Ø42	ocynk	2,0	25,0	41,0
OK42/MA	Ø42	* malowana	2,0	25,0	41,0
OK48/OC	Ø48	ocynk	2,0	25,0	41,0
OK48/MA	Ø48	* malowana	2,0	25,0	41,0
OK60/OC	Ø60	ocynk	2,0	25,0	41,0
OK60/MA	Ø60	* malowana	2,0	25,0	41,0

Standard colours  6005

Ocynk galwaniczny

### Obejma okrągła pośrednia

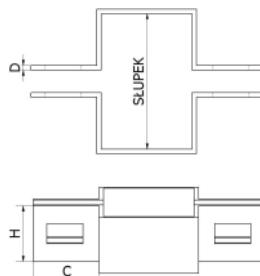


TYP	Słupek	Kolor	D [mm]	H [mm]	C [mm]
OP42/OC	Ø42	ocynk	2,0	25,0	41,0
OP42/MA	Ø42	* malowana	2,0	25,0	41,0
OP48/OC	Ø48	ocynk	2,0	25,0	41,0
OP48/MA	Ø48	* malowana	2,0	25,0	41,0
OP60/OC	Ø60	ocynk	2,0	25,0	41,0
OP60/MA	Ø60	* malowana	2,0	25,0	41,0

Standard colours  6005

Ocynk galwaniczny

### Obejma pośrednia

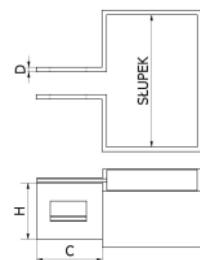
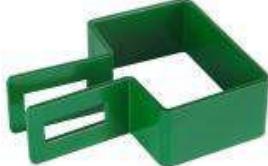


TYP	Słupek	Kolor	D [mm]	H [mm]	C [mm]
OP40x40/OC	40x40	ocynk	2,0	25,0	41,0
OP40x40/MA	40x40	* malowana	2,0	25,0	41,0
OP50x50/OC	50x50	ocynk	2,0	25,0	41,0
OP50x50/MA	50x50	* malowana	2,0	25,0	41,0
OP40x60/OC	40x60	ocynk	2,0	25,0	41,0
OP40x60/MA	40x60	* malowana	2,0	25,0	41,0
OP60x60/OC	60x60	ocynk	2,0	25,0	41,0
OP60x60/MA	60x60	* malowana	2,0	25,0	41,0
OP80x80/OC	80x80	ocynk	2,0	25,0	41,0
OP80x80/MA	80x80	* malowana	2,0	25,0	41,0

Standard colours  6005

Ocynk galwaniczny

### Obejma końcowa

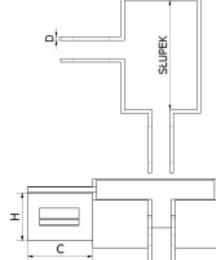
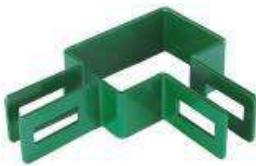


TYP	Słupek	Kolor	D [mm]	H [mm]	C [mm]
OK40x40/OC	40x40	ocynk	2,0	25,0	41,0
OK40x40/MA	40x40	* malowana	2,0	25,0	41,0
OK50x50/OC	50x50	ocynk	2,0	25,0	41,0
OK50x50/MA	50x50	* malowana	2,0	25,0	41,0
OK40x60/OC	40x60	ocynk	2,0	25,0	41,0
OK40x60/MA	40x60	* malowana	2,0	25,0	41,0
OK60x60/OC	60x60	ocynk	2,0	25,0	41,0
OK60x60/MA	60x60	* malowana	2,0	25,0	41,0
OK80x80/OC	80x80	ocynk	2,0	25,0	41,0
OK80x80/MA	80x80	* malowana	2,0	25,0	41,0

Standard colours  6005

Ocynk galwaniczny

### Obejma narożnikowa

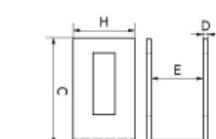


TYP	Słupek	Kolor	D [mm]	H [mm]	C [mm]
ON40x60/O	40x60	ocynk	2,0	25,0	41,0
ON40x60/M	40x60	* malowana	2,0	25,0	41,0

Standard colours  6005

Ocynk galwaniczny

### Uchwyt uniwersalny

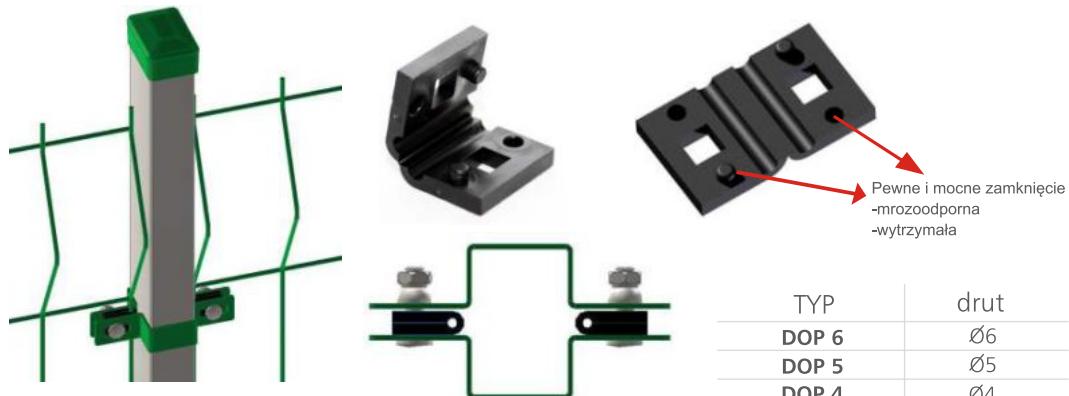


TYP	D [mm]	H [mm]	C [mm]	E [mm]	kolor
Uchwyt uniwersalny/OC	2,0	25,0	41,0	14,0	ocynk
Uchwyt uniwersalny/MA	2,0	25,0	41,0	14,0	* malowana

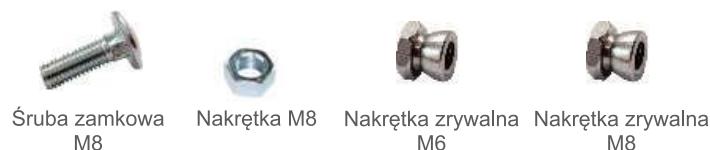
Standard colours  6005

Ocynk galwaniczny

## Dystans obejmy panelowej



## Śruba mocująca / Nakrętki



TYP	opis	kolor
Śruba zamkowa M8x25	śruba zamkowa M8x25	ocynk
Nakrętka M8	nakrętka M8	ocynk
Nakrętka zrywalna M6	nakrętka zrywalna M6	stal nierdz A2
Nakrętka zrywalna M8	nakrętka zrywalna M8	stal nierdz A2

## Akcesoria do mocowania paneli ogrodzeniowych



TYP	Opis	Kolor
Klips/OC	Klips pomocniczy	stal nierdzewna A2
Klips/MA	Klips pomocniczy	* malowany
Zapinka/OC	Zapinka ocynk	ocynk
Zapinka/MA	Zapinka malowana	* malowana
Zapinka 1/2/OC	Zapinka ocynk	ocynk
Zapinka 1/2/MA	Zapinka malowana	* malowana

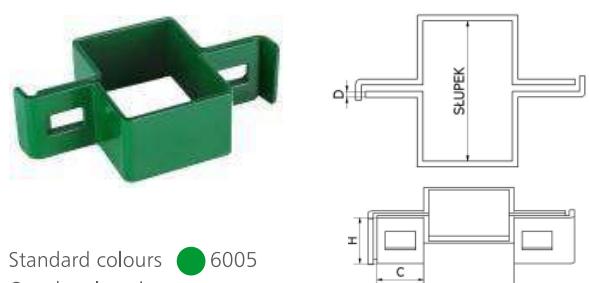
Standard colours 6005  
Ocynek galwaniczny

## Akcesoria do montażu ogrodzeń panelowych



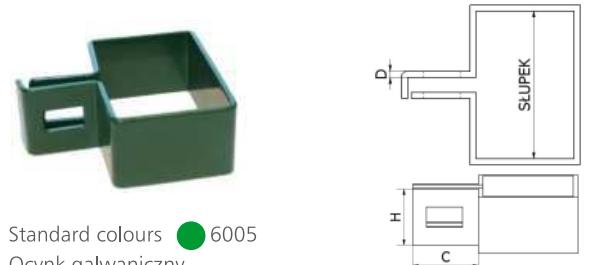
TYP	Kolor
Spinka do paneli	stal nierdzewna A2
Złączka typu „L”	ocynk
Śruba hakowa do paneli	stal nierdzewna A2

## Obejma pośrednia z zagięciem



TYP	Slupek	Kolor	D [mm]	H [mm]	C [mm]
OP/ZAG/40x60/OC	40x60	ocynk	2,0	25,0	41,0
OP/ZAG/40x60/MA	40x60	* malowana	2,0	25,0	41,0
OP/ZAG/60x60/OC	60x60	ocynk	2,0	25,0	41,0
OP/ZAG/60x60/MA	60x60	* malowana	2,0	25,0	41,0
OP/ZAG/80x80/OC	80x80	ocynk	2,0	25,0	41,0
OP/ZAG/80x80/MA	80x80	* malowana	2,0	25,0	41,0

## Obejma końcowa z zagięciem



TYP	Slupek	Kolor	D [mm]	H [mm]	C [mm]
OK/ZAG/40x60/OC	40x60	ocynk	2,0	25,0	41,0
OK/ZAG/40x60/MA	40x60	* malowana	2,0	25,0	41,0
OK/ZAG/60x60/OC	60x60	ocynk	2,0	25,0	41,0
OK/ZAG/60x60/MA	60x60	* malowana	2,0	25,0	41,0
OK/ZAG/80x80/OC	80x80	ocynk	2,0	25,0	41,0
OK/ZAG/80x80/MA	80x80	* malowana	2,0	25,0	41,0

## 2.12

### pręty gładkie



<input type="checkbox"/>	H (mm)
10x10	max 3000
12x12	max 3000
14x14	max 3000
16x16	max 3000
20x20	max 3000

**SPRZEDAŻ W DOWOLNYCH ODCINKACH**

## 2.13

### profile gładkie



<input type="checkbox"/>	H (mm)	G (mm)	<input type="checkbox"/>	H (mm)	G (mm)
15x15	max 3000	1,5	60x60	max 3000	3,0
20x20	max 3000	1,5	70x70	max 3000	3,0
20x20	max 3000	2,0	80x80	max 3000	2,0
30x30	max 3000	2,0	80x80	max 3000	3,0
30x30	max 3000	3,0	100x100	max 3000	3,0
40x40	max 3000	2,0	120x120	max 3000	3,0
40x40	max 3000	3,0	20x30	max 3000	2,0
50x50	max 3000	2,0	20x40	max 3000	2,0
50x50	max 3000	3,0	30x50	max 3000	2,0
60x60	max 3000	2,0	40x60	max 3000	2,0

**SPRZEDAŻ W DOWOLNYCH ODCINKACH**

## 2.14

### płaskowniki gładkie



<input type="checkbox"/>	H (mm)	<input type="checkbox"/>	H (mm)
20x5	max 3000	40x5	max 3000
25x5	max 3000	40x6	max 3000
25x6	max 3000	40x8	max 3000
30x5	max 3000	50x6	max 3000
30x6	max 3000	50x8	max 3000
30x8	max 3000	60x6	max 3000

**SPRZEDAŻ W DOWOLNYCH ODCINKACH**

## 2.15

### blacha gładka



<input type="checkbox"/>	G (mm)	<input type="checkbox"/>	G (mm)
	1		6
	2		7
	3		8
	4		9
	5		10

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Zastrzegamy sobie prawo do błędów w druku opisującym artykuły, oraz że podane wymiary mogą ulec zmianie! W celu potwierdzenia prosimy o kontakt.