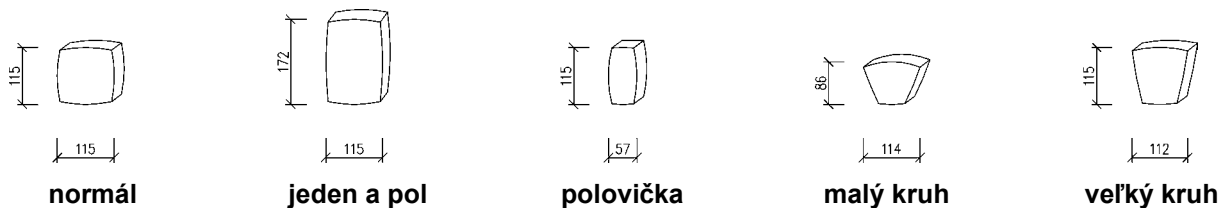


# ROMANTIKO®

## Tvarovky



## Farebnosť

sivá, červená, hnedá, grafit (na špeciálnu objednávku piesková, biela, žltá, zelená, modrá)

## Tabuľka základných údajov

| Tvarovka    | Rozmery [cm] | Spotreba [ks/m <sup>2</sup> ] |
|-------------|--------------|-------------------------------|
| normál      | 11,5 x 11,5  | 75,61                         |
| jeden a pol | 11,5 x 17,2  | 50,56                         |
| polovička   | 5,7 x 11,5   | 152,56                        |
| malý kruh   | 11,4 x 8,6   | ---                           |
| veľký kruh  | 11,2 x 11,5  | ---                           |

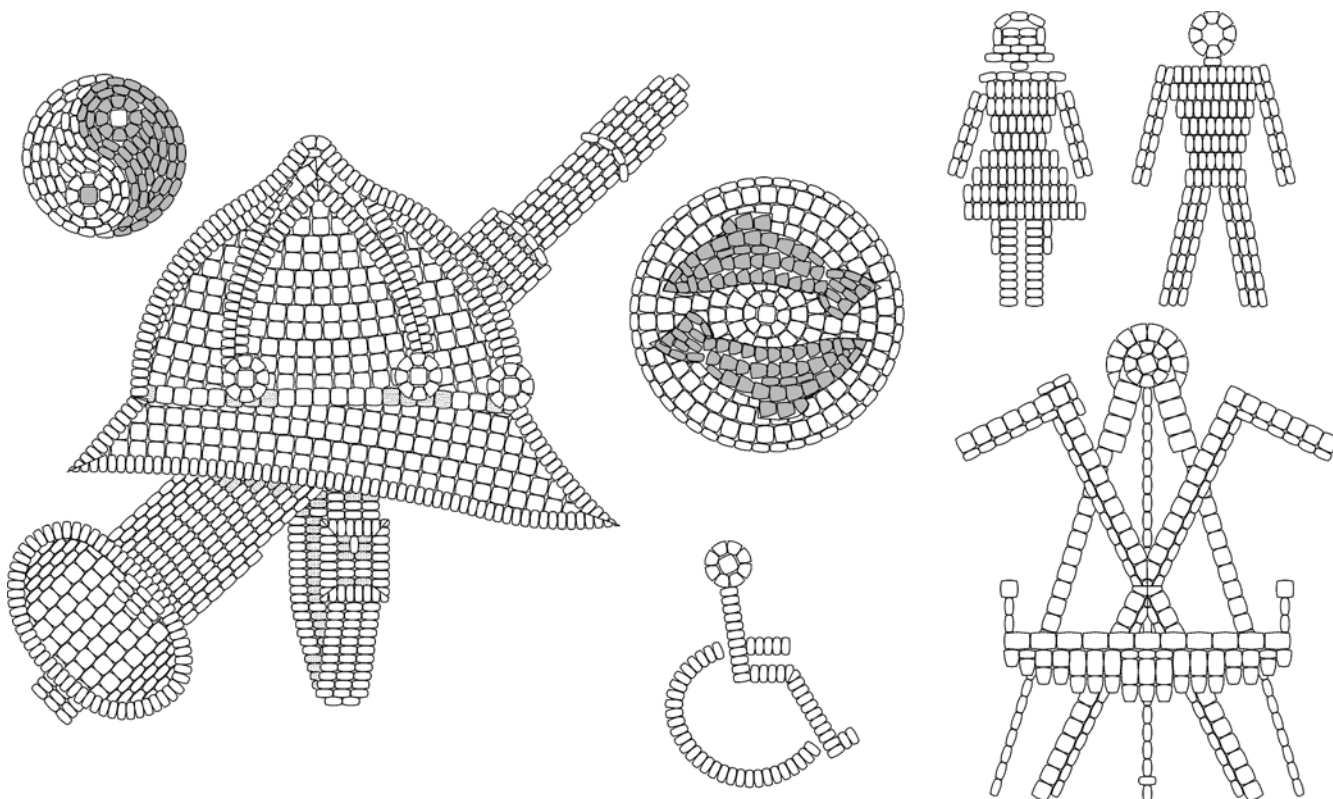
výška : 6 cm

plošná hmotnosť : 135 kg/m<sup>2</sup>

## Použitie

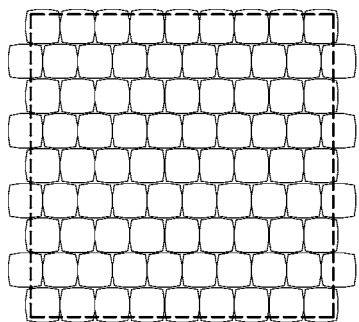
Kombinácie tvarov a farieb dokážu vyčarovať nečakane harmonické prostredie plné oblých kriviek.

## ROMANTIKO Príklady rôznych piktogramov

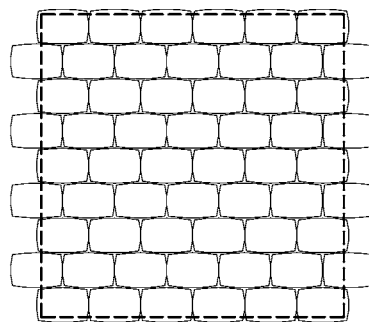


**ROM-p01** 75,61 ks/m<sup>2</sup> – normál

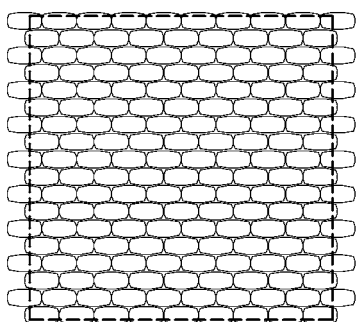
**NÁŠ TIP**



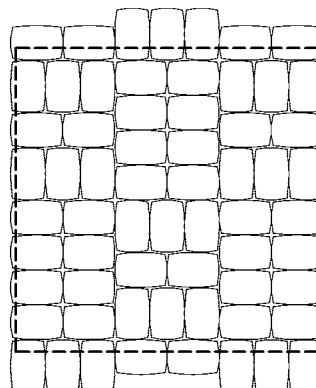
**ROM-p02** 50,56 ks/m<sup>2</sup> – jeden a pol



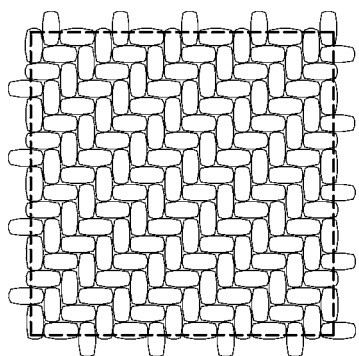
**ROM-p03** 152,56 ks/m<sup>2</sup> – polovička



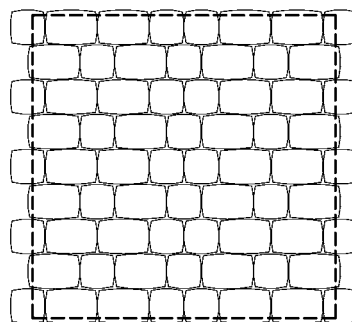
**ROM-p04** 50,56 ks/m<sup>2</sup> – jeden a pol



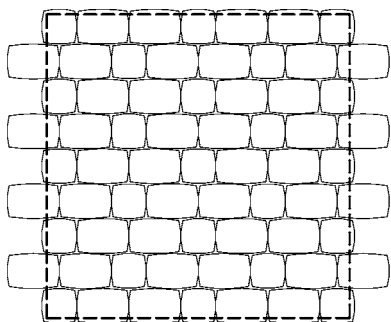
**ROM-p05** 152,56 ks/m<sup>2</sup> – polovička



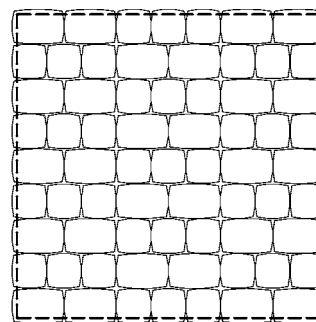
**ROM-p06** 30,30 ks/m<sup>2</sup> – normál  
30,30 ks/m<sup>2</sup> – jeden a pol



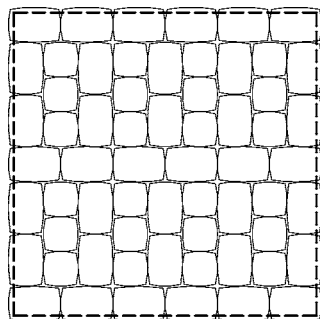
**ROM-p07** 18,94 ks/m<sup>2</sup> – normál  
37,89 ks/m<sup>2</sup> – jeden a pol



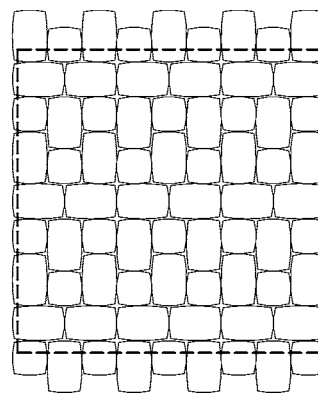
**ROM-p08** 37,86 ks/m<sup>2</sup> – normál  
25,24 ks/m<sup>2</sup> – jeden a pol



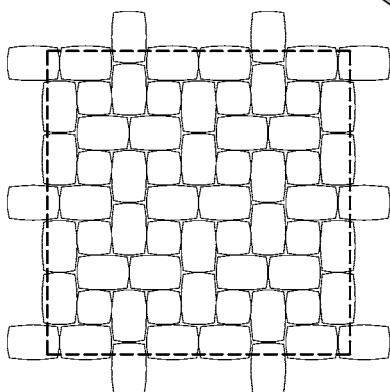
**ROM-p09** 28,41 ks/m<sup>2</sup> – normál  
31,56 ks/m<sup>2</sup> – jeden a pol



**ROM-p10** 21,65 ks/m<sup>2</sup> – normál  
36,08 ks/m<sup>2</sup> – jeden a pol

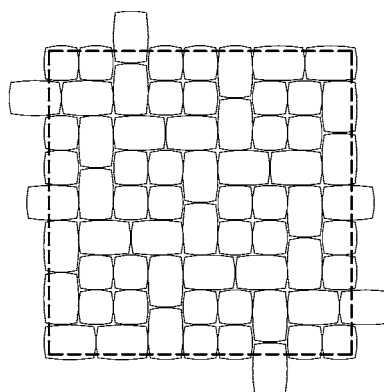


**ROM-p11** 18,94 ks/m<sup>2</sup> – normál  
37,89 ks/m<sup>2</sup> – jeden a pol

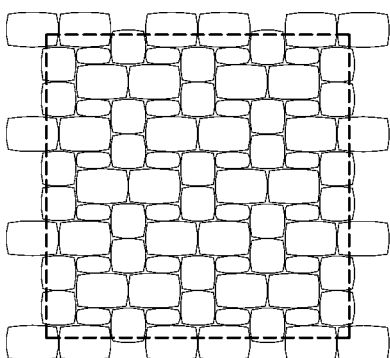


**NÁŠ TIP**

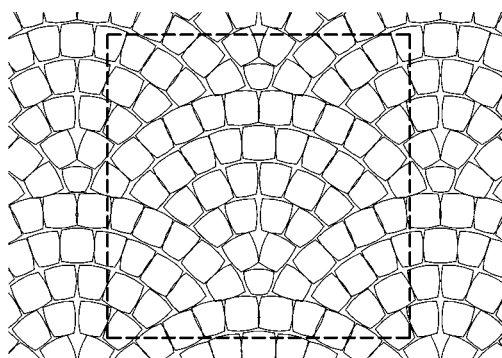
**ROM-p12** 30,30 ks/m<sup>2</sup> – normál  
30,30 ks/m<sup>2</sup> – jeden a pol



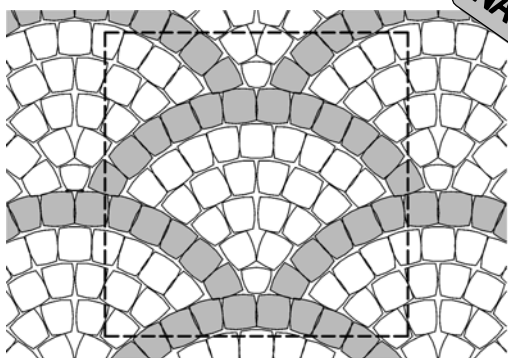
**ROM-p13** 25,28 ks/m<sup>2</sup> – normál  
25,28 ks/m<sup>2</sup> – jeden a pol  
25,28 ks/m<sup>2</sup> – polovička



**ROM-p14** 26,84 ks/m<sup>2</sup> – normál  
53,68 ks/m<sup>2</sup> – velký kruh  
2,44 ks/m<sup>2</sup> – malý kruh

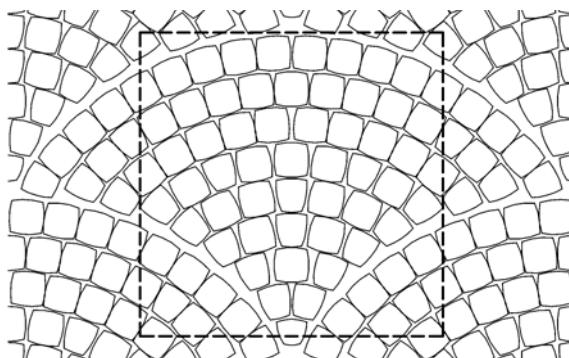


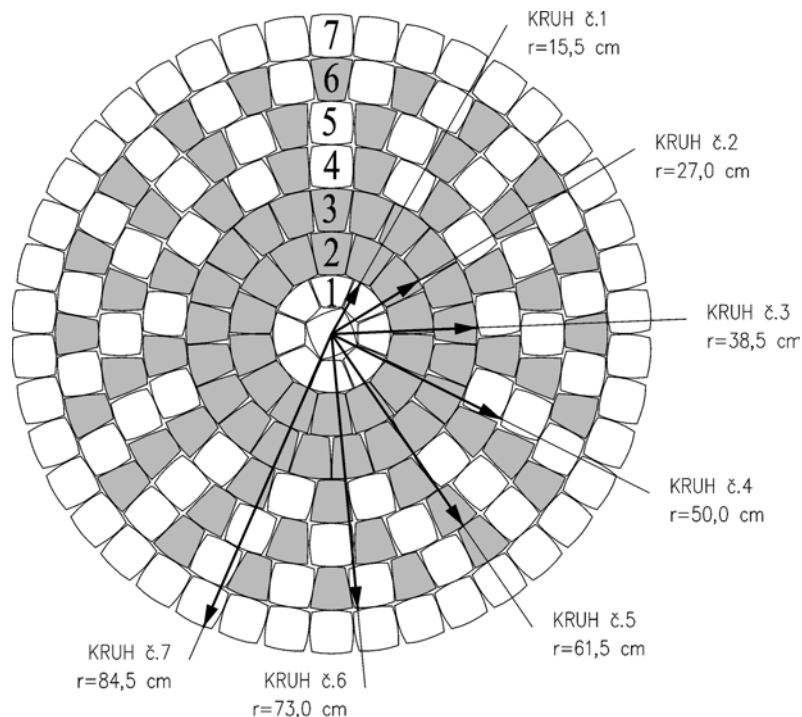
**ROM-p15** 12,20 (14,64) ks/m<sup>2</sup> – normál I (II)  
39,04 (14,64) ks/m<sup>2</sup> – velký kruh I (II)  
2,44 ks/m<sup>2</sup> – malý kruh I



**NÁŠ TIP**

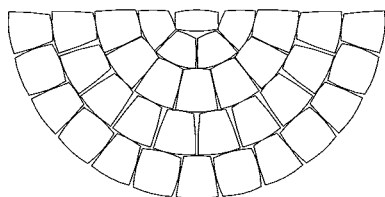
**ROM-p16** 48,51 ks/m<sup>2</sup> – normál  
21,78 ks/m<sup>2</sup> – velký kruh  
0,99 ks/m<sup>2</sup> – malý kruh



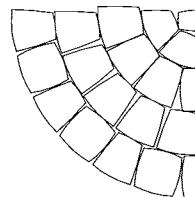


| kruh č. | priemer<br>[cm] | plocha<br>[m <sup>2</sup> ] | malý kruh<br>[ks] | veľký kruh<br>[ks] | normál<br>[ks] | malý kruh<br>spolu [ks] | veľký kruh<br>spolu [ks] | normál<br>spolu [ks] |
|---------|-----------------|-----------------------------|-------------------|--------------------|----------------|-------------------------|--------------------------|----------------------|
| 1       | 31              | 0,08                        | 8                 | ---                | 1              | 8                       | ---                      | 1                    |
| 2       | 54              | 0,23                        | ---               | 14                 | ---            | 8                       | 14                       | 1                    |
| 3       | 77              | 0,47                        | ---               | 21                 | ---            | 8                       | 35                       | 1                    |
| 4       | 100             | 0,79                        | ---               | 13                 | 13             | 8                       | 48                       | 14                   |
| 5       | 123             | 1,19                        | ---               | 16                 | 16             | 8                       | 64                       | 30                   |
| 6       | 146             | 1,67                        | ---               | 20                 | 20             | 8                       | 84                       | 50                   |
| 7       | 169             | 2,24                        | ---               | ---                | 42             | 8                       | 84                       | 92                   |
| 8       | 192             | 2,90                        | ---               | ---                | 48             | 8                       | 84                       | 140                  |
| 9       | 215             | 3,63                        | ---               | ---                | 54             | 8                       | 84                       | 194                  |
| 10      | 238             | 4,45                        | ---               | ---                | 60             | 8                       | 84                       | 254                  |
| 11      | 261             | 5,35                        | ---               | ---                | 66             | 8                       | 84                       | 320                  |
| 12      | 284             | 6,33                        | ---               | ---                | 72             | 8                       | 84                       | 392                  |
| 13      | 307             | 7,40                        | ---               | ---                | 78             | 8                       | 84                       | 470                  |
| 14      | 330             | 8,55                        | ---               | ---                | 84             | 8                       | 84                       | 554                  |
| 15      | 353             | 9,79                        | ---               | ---                | 90             | 8                       | 84                       | 644                  |
| 16      | 376             | 11,10                       | ---               | ---                | 97             | 8                       | 84                       | 741                  |
| 17      | 399             | 12,50                       | ---               | ---                | 103            | 8                       | 84                       | 844                  |
| 18      | 422             | 13,99                       | ---               | ---                | 109            | 8                       | 84                       | 953                  |
| 19      | 445             | 15,55                       | ---               | ---                | 115            | 8                       | 84                       | 1068                 |
| 20      | 468             | 17,20                       | ---               | ---                | 121            | 8                       | 84                       | 1189                 |
| 21      | 491             | 18,93                       | ---               | ---                | 127            | 8                       | 84                       | 1316                 |
| 22      | 514             | 20,75                       | ---               | ---                | 133            | 8                       | 84                       | 1449                 |
| 23      | 537             | 22,65                       | ---               | ---                | 139            | 8                       | 84                       | 1588                 |

- pri plnom kruhu sa ako stred požíva 1 ks tvarovky *normál*
- od kruhu č.7 sa tvarovky *malý kruh* a *veľký kruh* už nepoužívajú
- od kruhu č.10 je možné použiť tvarovky *jeden a pol* kladené na stojato

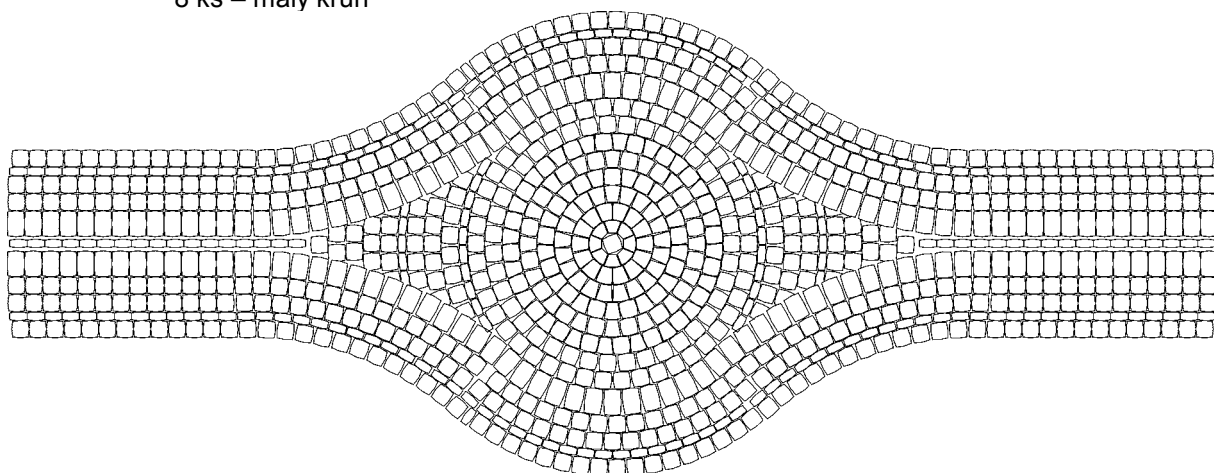


- stred polkruhu sa vytvorí tvarovkou *polovička*

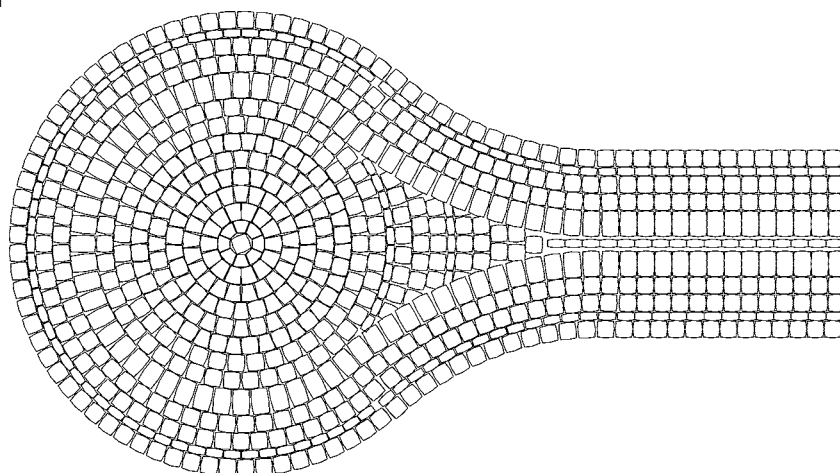


- stred štvrtkruhu sa vytvorí rozpolením tvarovky *polovička*

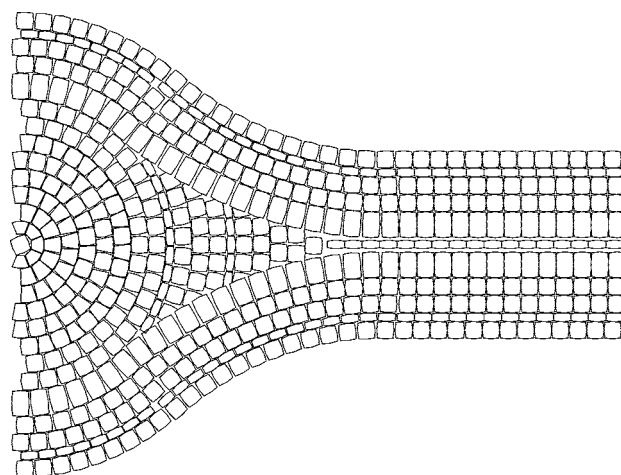
**ROM-ob01** 623 ks – normál  
 (cca 8,00x3,10 m) 138 ks – jeden a pol  
 204 ks – polovička  
 84 ks – velký kruh  
 8 ks – malý kruh



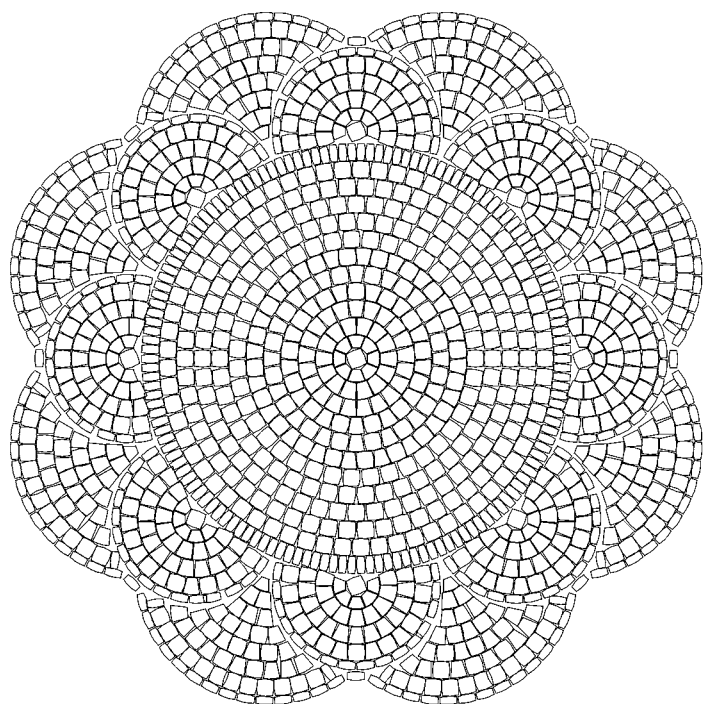
**ROM-ob02** 483 ks – normál  
 (cca 5,55x3,10 m) 95 ks – jeden a pol  
 139 ks – polovička  
 84 ks – velký kruh  
 8 ks – malý kruh



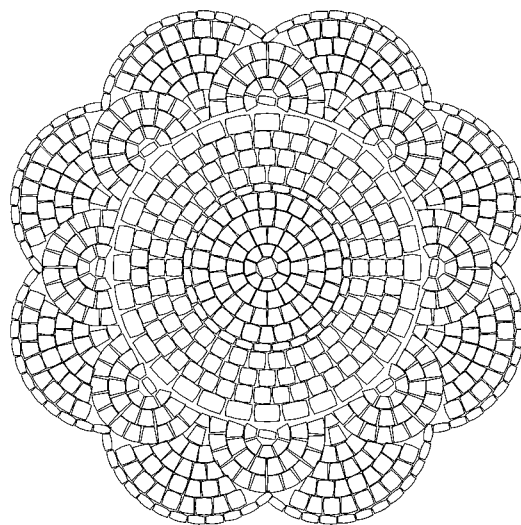
**ROM-ob03** 315 ks – normál  
 (cca 4,05x3,10 m) 70 ks – jeden a pol  
 102 ks – polovička  
 44 ks – velký kruh  
 5 ks – malý kruh



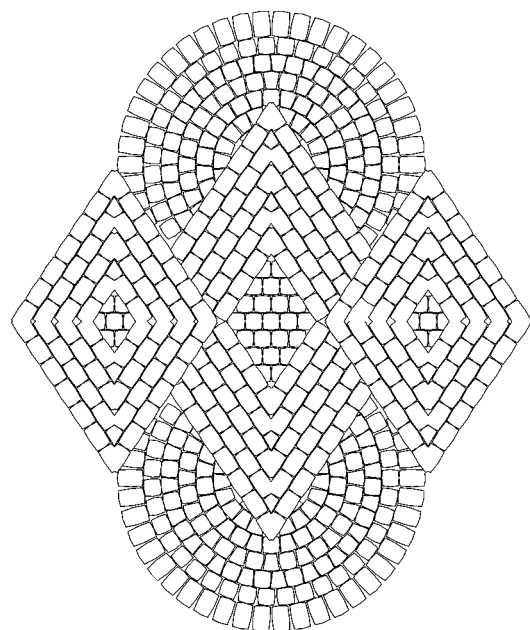
**ROM-ob04** 550 ks – normál  
 (cca 4,60x4,60 m) 406 ks – polovička  
 460 ks – velký kruh  
 56 ks – malý kruh



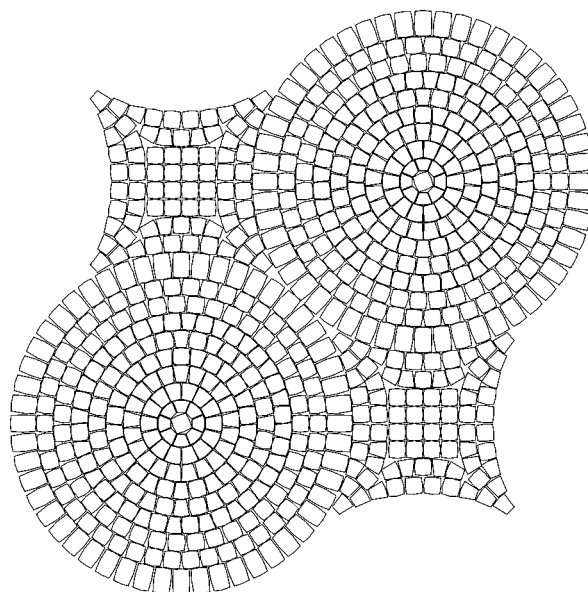
**ROM-ob05** 187 ks – normál  
 (cca 3,40x3,40 m) 32 ks – jeden a pol  
 131 ks – polovička  
 344 ks – velký kruh  
 56 ks – malý kruh



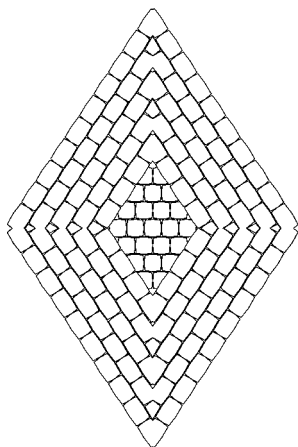
**ROM-ob06** 163 ks – normál  
 (cca 3,45x4,10 m) 340 ks – jeden a pol  
 96 ks – velký kruh



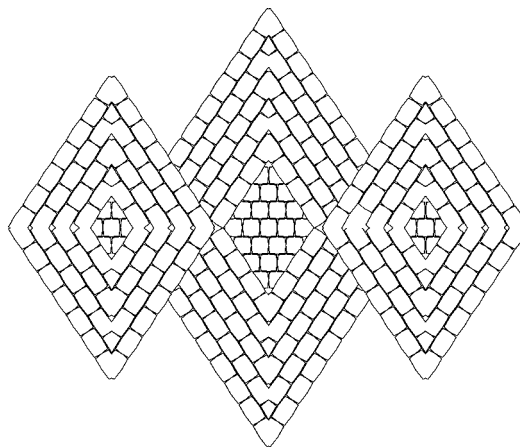
**ROM-ob07** 354 ks – normál  
 (cca 3,85x3,85 m) 104 ks – jeden a pol  
 240 ks – velký kruh  
 16 ks – malý kruh



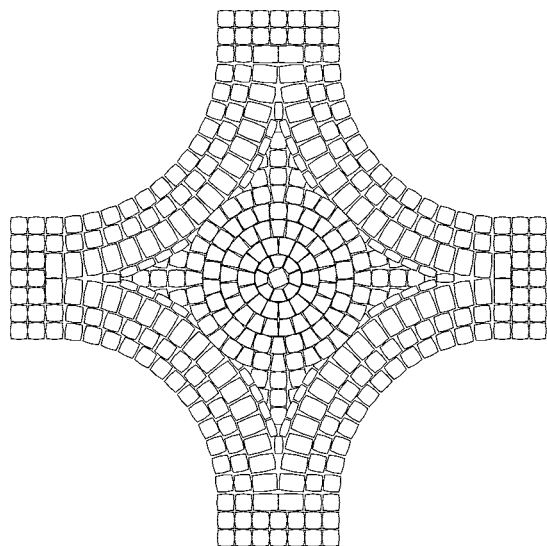
**ROM-ob08** 23 ks – normál  
(cca 1,95x2,92 m) 164 ks – jeden a pol



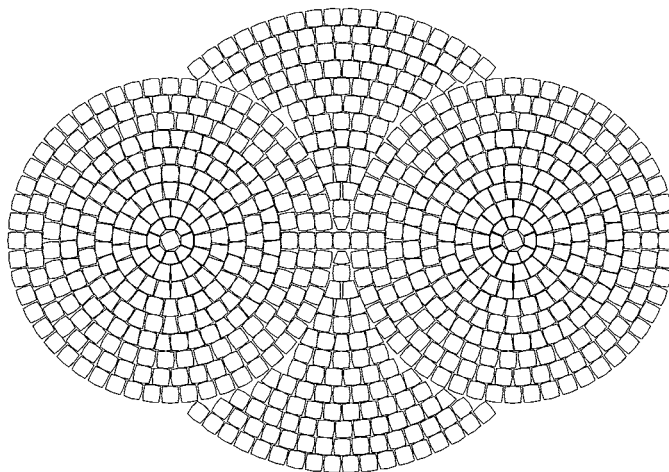
**ROM-ob09** 37 ks – normál  
(cca 3,45x2,95 m) 280 ks – jeden a pol



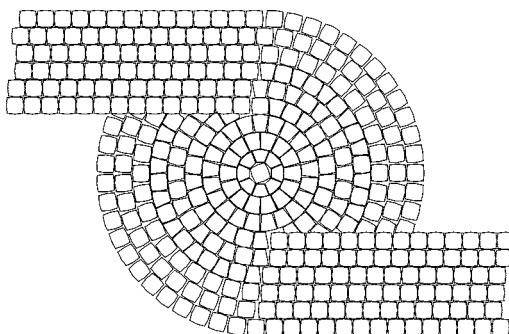
**ROM-ob10** 238 ks – normál  
(cca 3,55x3,55 m) 72 ks – jeden a pol  
45 ks – polovička  
64 ks – velký kruh  
8 ks – malý kruh

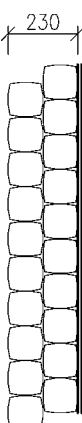
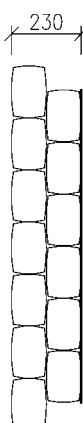
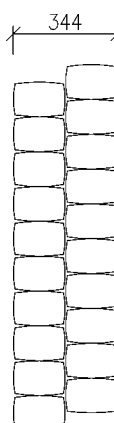
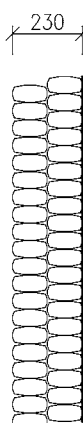
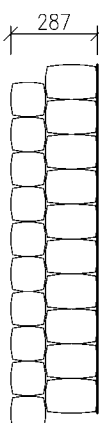
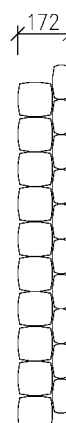
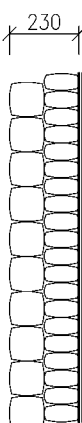
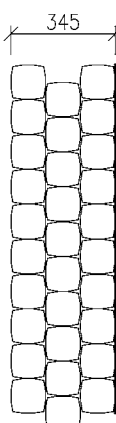
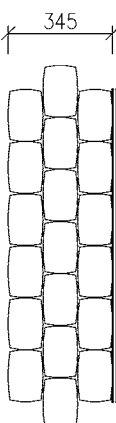
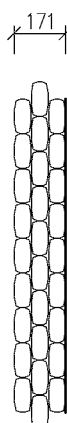
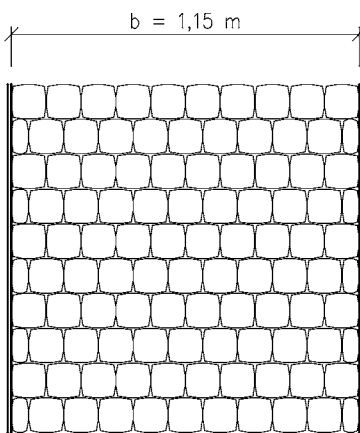


**ROM-ob11** 534 ks – normál  
(cca 4,45x3,10 m) 190 ks – velký kruh  
18 ks – malý kruh



**ROM-ob12** 296 ks – normál  
(cca 3,45x1,45 m) 76 ks – velký kruh  
8 ks – malý kruh



| <div>ROM-o01</div> <div>8,70 ks/bm – normál</div> <div></div>                                | <div>ROM-o02</div> <div>5,81 ks/bm – jeden a pol</div> <div></div>                           | <div>ROM-o03</div> <div>8,70 ks/bm – jeden a pol</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <div>ROM-o04</div> <div>8,70 ks/bm – polovička</div> <div></div>                            | <div>ROM-o05</div> <div>17,54 ks/bm – polovička</div> <div></div>  |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|---------------|------|-------|------|------|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|
| <div>ROM-o06</div> <div>17,39 ks/bm – normál</div> <div></div>                              | <div>ROM-o07</div> <div>11,63 ks/bm – jeden a pol</div> <div></div>                         | <div>ROM-o08</div> <div>17,39 ks/bm – normál</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <div>ROM-o09</div> <div>17,39 ks/bm – polovička</div> <div></div>                          | <div>ROM-o10</div> <div>35,09 ks/bm – polovička</div> <div></div> |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| <div>ROM-o11</div> <div>8,70 ks/bm – normál<br/>5,81 ks/bm – jeden a pol</div> <div></div> | <div>ROM-o12</div> <div>8,70 ks/bm – normál<br/>8,70 ks/bm – jeden a pol</div> <div></div> | <div>ROM-o13</div> <div>8,70 ks/bm – normál<br/>8,70 ks/bm – polovička</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <div>ROM-o14</div> <div>8,70 ks/bm – normál<br/>17,54 ks/bm – polovička</div> <div></div> | <div>ROM-o15</div> <div>26,09 ks/bm – normál</div> <div></div>   |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| <div>ROM-o16</div> <div>17,44 ks/bm – jeden a pol</div> <div></div>                        | <div>ROM-o17</div> <div>26,09 ks/bm – polovička</div> <div></div>                          | <div>ROM-ch01</div> <table><thead><tr><th>b [m]</th><th>normál [ks/m]</th><th>polov. [ks/m]</th></tr></thead><tbody><tr><td>0,69</td><td>47,83</td><td>8,70</td></tr><tr><td>0,92</td><td>65,22</td><td>8,70</td></tr><tr><td>1,15</td><td>82,61</td><td>8,70</td></tr><tr><td>1,38</td><td>100,00</td><td>8,70</td></tr><tr><td>1,61</td><td>117,39</td><td>8,70</td></tr><tr><td>1,84</td><td>134,78</td><td>8,70</td></tr><tr><td>2,07</td><td>152,17</td><td>8,70</td></tr><tr><td>2,30</td><td>169,56</td><td>8,70</td></tr><tr><td>2,53</td><td>182,61</td><td>8,70</td></tr></tbody></table> <div></div> |                                                                                                                                                                                |                                                                                                                                                       | b [m] | normál [ks/m] | polov. [ks/m] | 0,69 | 47,83 | 8,70 | 0,92 | 65,22 | 8,70 | 1,15 | 82,61 | 8,70 | 1,38 | 100,00 | 8,70 | 1,61 | 117,39 | 8,70 | 1,84 | 134,78 | 8,70 | 2,07 | 152,17 | 8,70 | 2,30 | 169,56 | 8,70 | 2,53 | 182,61 | 8,70 |
| b [m]                                                                                                                                                                         | normál [ks/m]                                                                                                                                                                 | polov. [ks/m]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 0,69                                                                                                                                                                          | 47,83                                                                                                                                                                         | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 0,92                                                                                                                                                                          | 65,22                                                                                                                                                                         | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 1,15                                                                                                                                                                          | 82,61                                                                                                                                                                         | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 1,38                                                                                                                                                                          | 100,00                                                                                                                                                                        | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 1,61                                                                                                                                                                          | 117,39                                                                                                                                                                        | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 1,84                                                                                                                                                                          | 134,78                                                                                                                                                                        | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 2,07                                                                                                                                                                          | 152,17                                                                                                                                                                        | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 2,30                                                                                                                                                                          | 169,56                                                                                                                                                                        | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |
| 2,53                                                                                                                                                                          | 182,61                                                                                                                                                                        | 8,70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                       |       |               |               |      |       |      |      |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |        |      |