



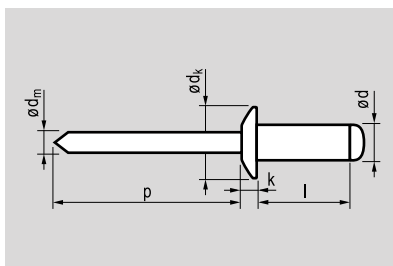
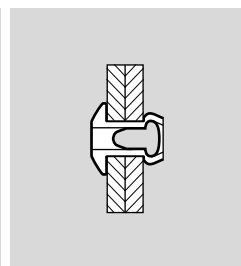
**Aluminium** [AlMg2,5/3,5]

Polerowany



**Stal**

Ocynk



## otwarte I kołnierz standardowy

| Ø d           | l    |           | Indeks nr       | Ø d <sub>k</sub> | k                | Ø d <sub>m</sub> | p    |       |       |
|---------------|------|-----------|-----------------|------------------|------------------|------------------|------|-------|-------|
| [mm]          | [mm] | [mm]      |                 | [mm]             | [mm]             | [mm]             | [mm] | [N]   | [N]   |
| <b>2,4</b>    | 4,0  | ~2,0      | <b>10312404</b> | 5,0<br>[+0/-0,7] | 0,7<br>[+/-0,15] | ~1,45            | ≥27  | 355   | 315   |
| [+0,08/-0,10] | 6,0  | 2,0-4,0   | <b>2406</b>     |                  |                  |                  |      |       |       |
|               | 8,0  | 4,0-6,0   | <b>2408</b>     |                  |                  |                  |      |       |       |
| Ø 2,5         | 10,0 | 6,0-8,0   | <b>2410</b>     |                  |                  |                  |      |       |       |
| <b>3,0</b>    | 4,0  | ~1,5      | <b>10313004</b> | 6,5<br>[+0/-0,7] | 0,8<br>[+/-0,2]  | ~1,75            | ≥27  | 810   | 620   |
| [+0,08/-0,10] | 6,0  | 1,5-3,5   | <b>3006</b>     |                  |                  |                  |      |       |       |
|               | 8,0  | 3,5-5,5   | <b>3008</b>     |                  |                  |                  |      |       |       |
| Ø 3,1         | 10,0 | 5,5-7,5   | <b>3010</b>     |                  |                  |                  |      |       |       |
|               | 12,0 | 7,5-9,5   | <b>3012</b>     |                  |                  |                  |      |       |       |
|               | 14,0 | 9,5-11,5  | <b>3014</b>     |                  |                  |                  |      |       |       |
|               | 16,0 | 11,5-13,5 | <b>3016</b>     |                  |                  |                  |      |       |       |
| <b>3,2</b>    | 4,0  | ~1,5      | <b>10313204</b> | 6,5<br>[+0/-0,7] | 0,8<br>[+/-0,2]  | ~1,75            | ≥27  | 980   | 760   |
| [+0,08/-0,10] | 6,0  | 1,5-3,5   | <b>3206</b>     |                  |                  |                  |      |       |       |
|               | 8,0  | 3,5-5,5   | <b>3208</b>     |                  |                  |                  |      |       |       |
| Ø 3,3         | 10,0 | 5,5-7,5   | <b>3210</b>     |                  |                  |                  |      |       |       |
|               | 12,0 | 7,5-9,5   | <b>3212</b>     |                  |                  |                  |      |       |       |
|               | 14,0 | 9,5-11,5  | <b>3214</b>     |                  |                  |                  |      |       |       |
|               | 16,0 | 11,5-13,5 | <b>3216</b>     |                  |                  |                  |      |       |       |
|               | 18,0 | 13,5-15,5 | <b>3218</b>     |                  |                  |                  |      |       |       |
|               | 20,0 | 15,5-17,5 | <b>3220</b>     |                  |                  |                  |      |       |       |
| <b>4,0</b>    | 6,0  | 1,5-3,0   | <b>10314006</b> | 8,0<br>[+0/-1,0] | 1,0<br>[+/-0,3]  | ~2,10            | ≥27  | 1.600 | 1.200 |
| [+0,08/-0,15] | 8,0  | 3,0-5,0   | <b>4008</b>     |                  |                  |                  |      |       |       |
|               | 10,0 | 5,0-6,5   | <b>4010</b>     |                  |                  |                  |      |       |       |
| Ø 4,1         | 12,0 | 6,5-8,5   | <b>4012</b>     |                  |                  |                  |      |       |       |
|               | 14,0 | 8,5-10,5  | <b>4014</b>     |                  |                  |                  |      |       |       |
|               | 16,0 | 10,5-12,5 | <b>4016</b>     |                  |                  |                  |      |       |       |
|               | 18,0 | 12,5-14,5 | <b>4018</b>     |                  |                  |                  |      |       |       |
|               | 20,0 | 14,5-16,5 | <b>4020</b>     |                  |                  |                  |      |       |       |
|               | 23,0 | 16,5-19,0 | <b>4023</b>     |                  |                  |                  |      |       |       |
|               | 25,0 | 19,0-21,5 | <b>4025</b>     |                  |                  |                  |      |       |       |



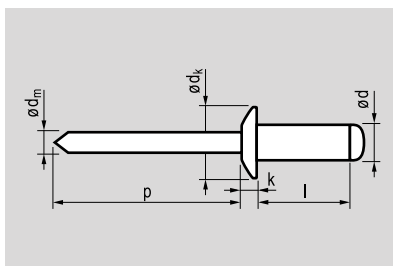
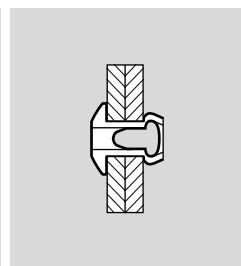
**Aluminium** [AlMg2,5/3,5]

Polerowany



**Stal**

O cynk



## otwarte I kołnierz standardowy

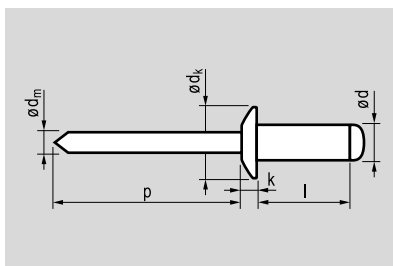
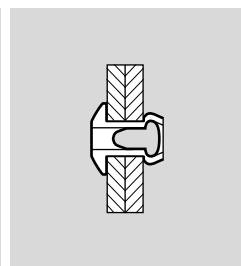
| Ø d           | l         |           | Indeks nr       | Ø d <sub>k</sub> | k         | Ø d <sub>m</sub> | p    |       |       |
|---------------|-----------|-----------|-----------------|------------------|-----------|------------------|------|-------|-------|
| [mm]          | [+1/-0,2] | [mm]      |                 | [mm]             | [mm]      | [mm]             | [mm] | [N]   | [N]   |
| <b>4,8</b>    | 6,0       | 1,0-3,0   | <b>10314806</b> |                  |           |                  |      |       |       |
| [+0,08/-0,15] | 8,0       | 3,0-4,5   | <b>4808</b>     |                  |           |                  |      |       |       |
|               | 10,0      | 4,5-6,0   | <b>4810</b>     |                  |           |                  |      |       |       |
| Ø 4,9         | 12,0      | 6,0-8,0   | <b>4812</b>     |                  |           |                  |      |       |       |
|               | 14,0      | 8,0-10,0  | <b>4814</b>     |                  |           |                  |      |       |       |
|               | 16,0      | 10,0-12,0 | <b>4816</b>     |                  |           |                  |      |       |       |
|               | 18,0      | 12,0-14,0 | <b>4818</b>     |                  |           |                  |      |       |       |
|               | 20,0      | 14,0-16,0 | <b>4820</b>     | 9,5              | 1,1       | ~2,70            | ≥27  | 2.230 | 1.690 |
|               | 22,0      | 16,0-18,0 | <b>4822</b>     | [+0/-1,0]        | [+/- 0,3] |                  |      |       |       |
|               | 25,0      | 18,0-21,0 | <b>4825</b>     |                  |           |                  |      |       |       |
|               | 28,0      | 21,0-23,5 | <b>4828</b>     |                  |           |                  |      |       |       |
|               | 30,0      | 23,5-25,0 | <b>4830</b>     |                  |           |                  |      |       |       |
|               | 35,0      | 25,0-30,0 | <b>4835</b>     |                  |           |                  |      |       |       |
|               | 40,0      | 30,0-35,0 | <b>4840</b>     |                  |           |                  |      |       |       |
| <b>5,0</b>    | 6,0       | 1,0-3,0   | <b>10315006</b> |                  |           |                  |      |       |       |
| [+0,08/-0,15] | 8,0       | 3,0-4,5   | <b>5008</b>     |                  |           |                  |      |       |       |
|               | 10,0      | 4,5-6,0   | <b>5010</b>     |                  |           |                  |      |       |       |
| Ø 5,1         | 12,0      | 6,0-8,0   | <b>5012</b>     |                  |           |                  |      |       |       |
|               | 14,0      | 8,0-10,0  | <b>5014</b>     |                  |           |                  |      |       |       |
|               | 16,0      | 10,0-12,0 | <b>5016</b>     |                  |           |                  |      |       |       |
|               | 18,0      | 12,0-14,0 | <b>5018</b>     | 9,5              | 1,1       | ~2,70            | ≥27  | 2.500 | 2.000 |
|               | 21,0      | 14,0-17,0 | <b>5021</b>     | [+0/-1,0]        | [+/- 0,3] |                  |      |       |       |
|               | 25,0      | 17,0-20,0 | <b>5025</b>     |                  |           |                  |      |       |       |
|               | 27,0      | 20,0-23,0 | <b>5027</b>     |                  |           |                  |      |       |       |
|               | 30,0      | 23,0-25,0 | <b>5030</b>     |                  |           |                  |      |       |       |
|               | 35,0      | 25,0-30,0 | <b>5035</b>     |                  |           |                  |      |       |       |
|               | 40,0      | 30,0-35,0 | <b>5040</b>     |                  |           |                  |      |       |       |
| <b>6,0</b>    | 8,0       | 2,0-4,0   | <b>10316008</b> |                  |           |                  |      |       |       |
| [+0,08/-0,15] | 10,0      | 4,0-6,0   | <b>6010</b>     |                  |           |                  |      |       |       |
|               | 12,0      | 6,0-8,0   | <b>6012</b>     |                  |           |                  |      |       |       |
| Ø 6,1         | 14,0      | 7,0-9,0   | <b>6014</b>     |                  |           |                  |      |       |       |
|               | 16,0      | 9,0-11,0  | <b>6016</b>     | 12,0             | 1,5       | ~3,60            | ≥31  | 3.900 | 3.000 |
|               | 18,0      | 11,0-13,0 | <b>6018</b>     | [+0/-1,5]        | [+/- 0,4] |                  |      |       |       |
|               | 22,0      | 13,0-17,0 | <b>6022</b>     |                  |           |                  |      |       |       |
|               | 26,0      | 17,0-20,0 | <b>6026</b>     |                  |           |                  |      |       |       |
|               | 30,0      | 20,0-24,0 | <b>6030</b>     |                  |           |                  |      |       |       |



**Aluminium** [AlMg2,5/3,5]  
Polerowany



**Stal**  
Ocynk



## otwarte I kołnierz standardowy

| Ø d           | l         |           | Indeks nr       | Ø d <sub>k</sub>  | k                | Ø d <sub>m</sub> | p    |       |       |
|---------------|-----------|-----------|-----------------|-------------------|------------------|------------------|------|-------|-------|
| [mm]          | [+1/-0,2] | [mm]      |                 | [mm]              | [mm]             | [mm]             | [mm] | [N]   | [N]   |
| <b>6,4</b>    | 10,0      | 0,0-2,5   | <b>10316410</b> | 13,0<br>[+0/-1,5] | 1,8<br>[+/- 0,4] | ~3,85            | ≥31  | 4.090 | 3.120 |
| [+0,08/-0,15] | 12,0      | 4,0-6,0   | <b>6412</b>     |                   |                  |                  |      |       |       |
|               | 15,0      | 6,0-9,0   | <b>6415</b>     |                   |                  |                  |      |       |       |
| Ø 6,5         | 18,0      | 9,0-13,0  | <b>6418</b>     |                   |                  |                  |      |       |       |
|               | 22,0      | 13,0-16,0 | <b>6422</b>     |                   |                  |                  |      |       |       |
|               | 26,0      | 16,0-20,0 | <b>6426</b>     |                   |                  |                  |      |       |       |
|               | 30,0      | 18,0-24,0 | <b>6430</b>     |                   |                  |                  |      |       |       |