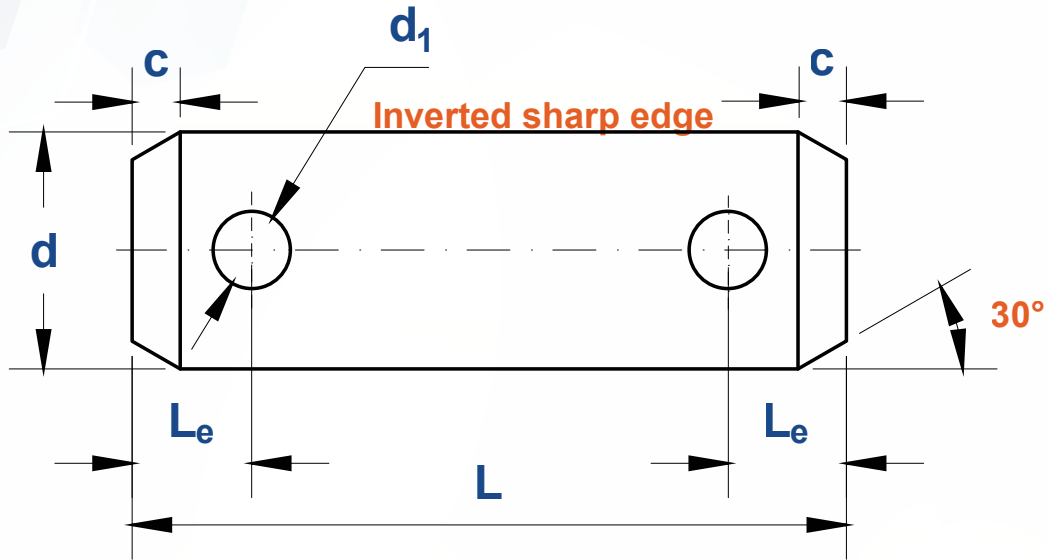




| Nominal Diameter<br>$d$ |                  | 3    | 4     | 5     | 6     | 8    | 10   | 12    | 14    | 16    | 18    | 20    | 22    | 24    |
|-------------------------|------------------|------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|
| $d$                     | min              | 2.94 | 3.925 | 4.925 | 5.925 | 7.91 | 9.91 | 11.89 | 13.89 | 15.89 | 17.89 | 19.87 | 21.87 | 23.87 |
|                         | max              | 3    | 4     | 5     | 6     | 8    | 10   | 12    | 14    | 16    | 18    | 20    | 22    | 24    |
| $d_1$                   | min=nominal size | 0.8  | 1     | 1.2   | 1.6   | 2    | 3.2  | 3.2   | 4     | 4     | 5     | 5     | 5     | 6.3   |
|                         | max              | 0.94 | 1.14  | 1.34  | 1.74  | 2.14 | 3.38 | 3.38  | 4.18  | 4.18  | 5.18  | 5.18  | 5.18  | 6.52  |
| $c$                     | max              | 1    | 1     | 2     | 2     | 2    | 2    | 3     | 3     | 3     | 3     | 4     | 4     | 4     |
| $L_e$                   | min              | 1.6  | 2.2   | 2.9   | 3.2   | 3.5  | 4.5  | 5.5   | 6     | 6     | 7     | 8     | 8     | 9     |

| Nominal Diameter<br>$d$ |                  | 27    | 30    | 33    | 36    | 40    | 45    | 50    | 55    | 60    | 70    | 80    | 90    | 100   |
|-------------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| $d$                     | min              | 26.87 | 29.87 | 32.84 | 35.84 | 39.84 | 44.84 | 49.84 | 54.81 | 59.81 | 69.81 | 79.81 | 89.78 | 99.78 |
|                         | max              | 27    | 30    | 33    | 36    | 40    | 45    | 50    | 55    | 60    | 70    | 80    | 90    | 100   |
| $d_1$                   | min=nominal size | 6.3   | 8     | 8     | 8     | 8     | 10    | 10    | 10    | 10    | 13    | 13    | 13    | 13    |
|                         | max              | 6.52  | 8.22  | 8.22  | 8.22  | 8.22  | 10.22 | 10.22 | 10.22 | 10.22 | 13.27 | 13.27 | 13.27 | 13.27 |
| $c$                     | max              | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 6     | 6     | 6     | 6     | 6     | 6     |
| $L_e$                   | min              | 9     | 10    | 10    | 10    | 10    | 12    | 12    | 14    | 14    | 16    | 16    | 16    | 16    |