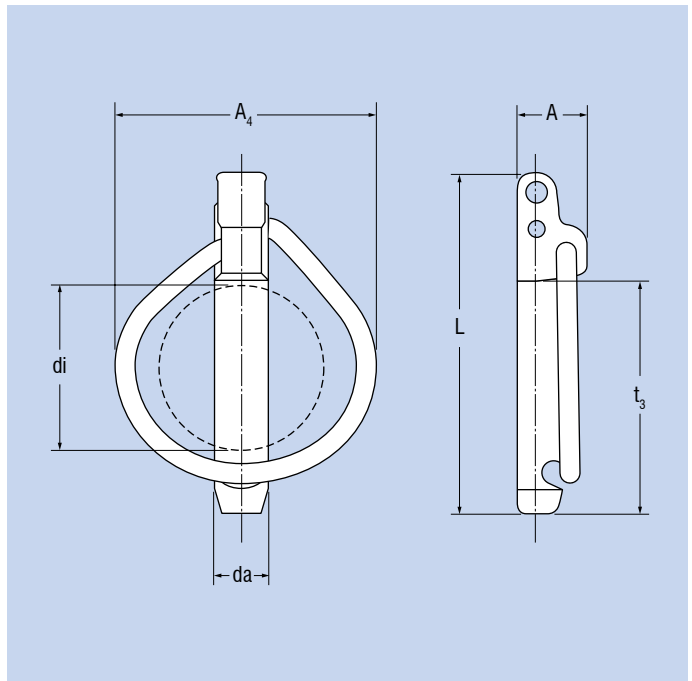




### Technical data

|          |                       |
|----------|-----------------------|
| Material | drop-forged steel     |
| Surface  | thick film passivated |
| Material | spring steel wire     |



Don't use non-rotation resistant and rotation resistant ropes with a turnable fixed point (e. g. swivel). The end termination has to be fixed against rotation as well. If this is not observed considerable damage, serious injury or death will occur.

| Reference no. | A<br>mm | A <sub>4</sub><br>mm | da<br>mm | di<br>mm | L<br>mm | t <sub>3</sub><br>mm | Weight<br>kg |
|---------------|---------|----------------------|----------|----------|---------|----------------------|--------------|
| 212842        | 11      | 29                   | 3,8      | 20       | 39,5    | 24                   | 0,01         |
| 275806        | 13,5    | 49                   | 5,5      | 32       | 63      | 42                   | 0,03         |
| 112121        | 13,5    | 49                   | 7,5      | 32       | 63      | 42                   | 0,04         |
| 275695        | 20      | 69                   | 7,5      | 53       | 83      | 62                   | 0,06         |
| 112122        | 14,5    | 58                   | 9,5      | 45       | 77      | 55                   | 0,06         |
| 275693        | 21      | 67                   | 9,5      | 53       | 85      | 65                   | 0,06         |
| 272124        | 25      | 100                  | 9,5      | 80       | 124     | 100                  | 0,13         |
| 112123        | 21,5    | 81                   | 11,5     | 60       | 95      | 75                   | 0,07         |
| 180599        | 25      | 100                  | 15,5     | 80       | 123,5   | 100                  | 0,2          |
| 230723        | 30      | 132                  | 15,5     | 105      | 155     | 125                  | 0,28         |

The minimum values requested in DIN 11023 can be significantly exceeded by all hinged safety pins.

For special sizes, weight on request.

**Dimensions correspond to nominal sizes without tolerance and without coating. Please contact us for exact measurements!**