

Technical specification

Bead wires - steel bronze plated wires are used for tires production . The wide range of bead wires is designed for producers of passenger tires, truck tires, agricultural tires and others.

| Diameter | Tensile type* | Breaking force | Tensile strength | Elongation at break | Linear density | Plating level | Tin content | Torsion resistance (turns to failure)** |
|----------|---------------|----------------|------------------------------|---------------------|------------------|---------------|-------------|---|
| mm | | Min. (N) | Min. (N/mm ²) | Min. (%) | Average (g/m) | g/kg | % | Min. (n) |
| 0,89 | NT | 1200 | 1930 | 6 | 4,88 | 0,3-0,7 | 1-3 | 50 |
| 0,965 | NT | 1375 | 1880 | 6 | 5,74 | 0,3-0,65 | 1-3 | 52 |
| 1,27 | NT | 2360 | 1870 | 6 | 10,34 | 0,2-0,6 | 1-3 | 27 |
| 1,6 | NT | 3800 | 1890 | 6 | 15,8 | 0,15-,45 | 1-3 | 27 |
| 1,83 | NT | 4750 | 1805 | 6 | 20,66 | 0,15-,45 | 1-3 | 22 |
| 2,0 | NT | 5250 | 1670 | 6 | 24,66 | 0,1-0,3 | 1-3 | 22 |

*NT(normal tensile), HT(high tensile)

| Diameter | Tensile type** | Breaking force | Tensile strength | Elongation at break | Linear density | Plating level | Tin content in bronze coating | Torsion resistance (turns to failure)** |
|----------|----------------|----------------|------------------------------|---------------------|------------------|---------------|-------------------------------|---|
| mm | | Min. (N) | Min. (N/mm ²) | Min. (%) | Average (g/m) | g/kg | % | Min. (n) |
| 0,89 | HT | 1350 | 2170 | 6 | 4,88 | 0,3-0,7 | 1-3 | 30 |
| 0,95 | HT | 1530 | 2160 | 6 | 5,56 | 0,4-0,6 | 8-12 | 30 |
| 0,965 | HT | 1525 | 2090 | 6 | 5,74 | 0,3-0,65 | 1-3 | 50 |
| 1,2 | HT | 2260 | 2000 | 6 | 8,87 | 0,25-,55 | 8-12 | 30 |
| 1,27 | HT | 2800 | 2210 | 6 | 10,34 | 0,2-0,6 | 1-3 | 25 |
| 1,6 | HT | 4180 | 2080 | 6 | 15,8 | 0,15-,45 | 1-3 | 26 |
| 1,83 | HT | 5800 | 2210 | 6 | 20,66 | 0,15-,45 | 1-3 | 20 |
| 2,0 | HT | 6100 | 1940 | 6 | 24,66 | 0,1-0,3 | 1-3 | 20 |

**for diameter < 1,0 mm => L=200xD , for diameter > 1,0 mm=>L=100xD

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|--|---|
| Packing: | <p>Spools</p> <ul style="list-style-type: none">• reels B 900, weight of the wire: app. 450 kg, three reels in one metal rack• reels B 900, weight of the wire: app 450 kg, two reels on the wooden pallet• Z2 coils, weight of coil: app.450 kg, two coils on one wooden pallet 750 x 750 mm |
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