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Copper Tubes

| STANDARD | American | German | Russian | Euro |
|--|------------|--------|---------|---------|
| | ANSI /ASTM | DIN | GOST | EN |
| 1 | C11000 | SE-Cu | M1 | Cu-FRTP |
| 2 | C12000 | SW-Cu | M1p | Cu-DLP |
| 3 | C12500 | | M2 | |
| | | | M2p | |
| Possible production from other sorts of brass (Cu not more then 99,9%) | | | | |

SIZES

| Drawn Tubes | | | Rolled Tubes | | |
|------------------|----------------|-------------|--|----------------|-------------|
| Outside Diameter | Wall Thickness | Lengths (m) | Outside Diameter | Wall Thickness | Lengths (m) |
| 16 - 20 mm | 1,0 – 5,0 mm | Up to 6 | 30 - 45 mm | 5,0 – 20,0 mm | Up to 4 |
| 22 - 45 mm | 1,0 – 7,0 mm | Up to 6 | 46 - 100 mm | 20,0 – 60,0 mm | Up to 4,5 |
| 48 - 120 mm | 1,5 – 10,0 mm | Up to 6 | 105 - 175 mm | 5,0 – 60,0 mm | Up to 2 |
| 122 - 208 mm | 6,0 – 10,0 mm | Up to 5 | 180 - 200 mm | 5,0 – 60,0 mm | Up to 1,5 |
| 210 - 300 mm | 5,0 – 10,0 mm | Up to 4 | Possibility for production of rolled tubes from 400 – 500 mm and pipes with fittings | | |

Possibility of production of pipes with cross section other then circle.

Quadrate

Hollow

With two holes

Bronze Tubes

| STANDARD | American | German | Russian |
|----------|------------|--------------|--------------|
| | ANSI /ASTM | DIN, EN | GOST |
| 1 | C63000 | CuAl10Fe4Ni4 | БРАЖН 10-4-4 |

SIZES

| Rolled Tubes | | |
|------------------|----------------|-------------|
| Outside Diameter | Wall Thickness | Lengths (m) |
| 42 – 150 mm | 5 – 20 mm | Up to 4 |
| 42 – 150 mm | 20 – 60 mm | Up to 2,5 |
| 150 - 220 mm | 5 – 60 mm | Up to 2 |
| 220 - 280 mm | 5 – 60 mm | Up to 1,5 |

MECHANICAL PROPERTIES

| Tensile Stress MPa | Elongation A ₅ % | Hardness (Brinell) |
|--------------------|-----------------------------|--------------------|
| 640 | 5 | 170 - 120 |

Copper-Nickel Tubes

| STANDARD | American | German | Russian |
|----------|------------|----------|---------|
| | ANSI /ASTM | DIN, EN | GOST |
| 1 | C70400 | CuNi5Fe1 | МНЖ5-1 |

SIZES

| Drawn Tubes | | | Rolled Tubes | | |
|--|----------------|-------------|------------------|----------------|-------------|
| Outside Diameter | Wall Thickness | Lengths (m) | Outside Diameter | Wall Thickness | Lengths (m) |
| 8 - 46 mm | 1,0 – 10,0 mm | Up to 6 | 115-260 mm | 5,0 – 60,0 mm | Up to 4 |
| 46 - 145 mm | | Up to 5 | | | |
| 145 - 260 mm | | Up to 3 | | | |
| Pipes of diameter 20 – 30 mm may be produced in lengths up to 11,5 m | | | | | |

Brass Tubes

| STANDARD | American | German | Russian | Notes |
|--|------------|------------------------|------------------|------------------|
| | ANSI /ASTM | DIN, EN | GOST | |
| 1 | C27200 | CuZn37 | Л163 | Drawn and Rolled |
| 2 | C37700 | CuZn40Pb2 CuZn39Pb2 | Л159-1 Л158-2 | Rolled |
| For rolled pipes possible production of other marks of brass | | | | |

SIZES

| Drawn Tubes | | | Rolled Tubes | | |
|---------------------------------------|----------------|-------------|------------------|----------------|-------------|
| Outside Diameter | Wall Thickness | Lengths (m) | Outside Diameter | Wall Thickness | Lengths (m) |
| 16 - 100 mm | 1,0 – 6,0 mm | Up to 6 | 25-200 mm | 5,0 – 30,0 mm | Up to 6 |
| Wall thickness to be defined by order | | | | | |

We are able to supply also form different alloys (CuCr)
 Brass (Cu+Zn)
 Alloys of Copper-Nickel (Cu+5%Ni+Fe)

In connection with various needs connected with national standards outside ASTM, DIN, EN, BS, specification is to be precisely defined.
 Also to be defined chemical composition, outside diameter, wall thickness, mechanical properties and type of packing.

DIN EN ISO 9002:1994