



Supplier of ASTM A192 Steel Tubes for High-pressure Steel Boiler Tube

Professional Manufacturer and Supplier from China specialized High-pressure Seamless Carbon Steel Bolier Tubes, Tubes at consistant quality

Seamless Carbon Steel Bolier Tubes for High-Pressure for seamless carbon steel bolier and super heater tubes for high-pressure service

Size (mm): O.D.:6.0~114.0 W.T.:1~15 L:max 12000



Features Specifications:

| OD(mm) | Wall Thickness Unit(mm) | | | | | | | | | | | | | |
|---------|-------------------------|-----|---|-----|---|-----|---|---|-------|-------|-------|--------|----|----|
| | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 6 | 6.5-7 | 7.5-8 | 8.5-9 | 9.5-10 | 11 | 12 |
| Φ25-Φ28 | ● | ● | ● | ● | ● | ● | | | | | | | | |
| Φ32 | | ● | ● | ● | ● | ● | ● | | | | | | | |
| Φ34-Φ36 | | ● | ● | ● | ● | ● | ● | | | | | | | |
| Φ38 | | ● | ● | ● | ● | ● | ● | | | | | | | |
| Φ40 | | | ● | ● | ● | ● | ● | | | | | | | |
| Φ42 | | | ● | ● | ● | ● | ● | | | | | | | |
| Φ45 | | | ● | ● | ● | ● | ● | ● | | | | | | |
| Φ48-Φ60 | | | ● | ● | ● | ● | ● | ● | ● | | | | | |
| Φ63.5 | | | | ● | ● | ● | ● | ● | ● | ● | | | | |
| Φ68-Φ73 | | | | | ● | ● | ● | ● | ● | ● | | | | |
| Φ76 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ80 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ83 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ89 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ95 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ102 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ108 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ114 | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ121 | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ127 | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ133 | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| Φ140 | | | | | | | | ● | ● | ● | ● | ● | ● | ● |
| Φ146 | | | | | | | | ● | ● | ● | ● | ● | ● | ● |
| Φ152 | | | | | | | | ● | ● | ● | ● | ● | ● | ● |
| Φ159 | | | | | | | | ● | ● | ● | ● | ● | ● | ● |
| Φ168 | | | | | | | | ● | ● | ● | ● | ● | ● | ● |



Seamless Carbon Steel Bolier Tubes for High-Pressure

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|---------------------|--|
| Application: | For seamless carbon steel bolier and superheater tubes for high-pressure service |
| Size(mm): | O.D.:28~168 W.T.:2~30 L:max 12000 |

Grade and Chemical Composition (%)

| Chemical Composition | C | Mn | P≤ | S≤ | Si≤ |
|----------------------|-----------|-----------|-------|-------|------|
| | 0.06-0.18 | 0.27-0.63 | 0.035 | 0.035 | 0.25 |

SA-450/SA-450M):

| OD In (mm) | | | WT In(mm) | | |
|-----------------------|------|------|--------------|-----|---|
| | + | - | | + | - |
| <1(25.4) | 0.10 | 0.10 | ≤1.1/2(38.1) | 20% | 0 |
| 1~1.1/2(25.4~38.1) | 0.15 | 0.15 | >1.1/2(38.1) | 22% | 0 |
| >1.1/2~<2(38.1~50.8) | 0.20 | 0.20 | | | |
| 2~<2.1/2(50.8~63.5) | 0.25 | 0.25 | | | |
| 2.1/2~<3(63.5~76.2) | 0.30 | 0.30 | | | |
| 3~4(76.2~101.6) | 0.38 | 0.38 | | | |
| >4~7.1/2(101.6~190.5) | 0.38 | 0.64 | | | |
| >7.1/2~9(190.5~228.6) | 0.38 | 1.14 | | | |

| Brinell Hardness Number (WT≥)0.200In(5.1mm) | Rockwell Hardness Number (WT)0.200In(5.1mm) |
|--|--|
| 137HRB | 77HRB |

