

# St 52 DIN 2391 Part 2 (Germany)

## Standards

DIN 2391 Part 2

Seamless precision steel tubes. Technical delivery conditions

## Other designations

### Germany

1.0580 - DIN 2391 Part 2

S355GT - DIN 2391 Part 2

## Chemical composition

**C** < 0.22

**Si** < 0.55

**Mn** < 1.6

**P** < 0.025

**S** < 0.025

**V** < 0.05

**Nb** < 0.03

**Ti** < 0.03

**Fe** Rest

Nb + Ti + V < 0.05

## Properties

By DIN 2391 Part 2

BK

**Tensile Strength: > 640 MPa**

**Elongation: > 4 %**

BKW

**Tensile Strength: > 580 MPa**

**Elongation: > 7 %**

BKS

**Yield Strength: > 420 MPa**

**Tensile Strength: > 580 MPa**

**Elongation: > 10 %**

GBK

**Tensile Strength: > 490 MPa**

**Elongation: > 22 %**

NBK

**Yield Strength: > 355 MPa**

**Tensile Strength: 490 - 630 MPa**

**Elongation: > 22 %**