

# Datasheet

## Description

Tees, ANSI/ASME B16.9  
ASTM A234 WPB, certificate 3.1

## Main data

12" s.20 / 8" s.20

|    |           |
|----|-----------|
| d1 | 323.90 mm |
| S1 | 6.35 mm   |
| d2 | 219.10 mm |
| S2 | 6.35 mm   |
| a  | 254.00 mm |
| b  | 229.00 mm |



## Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: WPB

Mat. grade: ----

| C    | Si   | Mn   | P     | S     | Cr   | Cu   | Mo   | Nb | Ni   | Ti | V    | Others |
|------|------|------|-------|-------|------|------|------|----|------|----|------|--------|
| 0.30 | 0.10 | 1.06 | 0.048 | 0.058 | 0.40 | 0.40 | 0.15 |    | 0.40 |    | 0.08 |        |

## Mechanical properties

Short name: WPB

Mat. grade: ----

| Upper yield strength reH or Rp0.2 min<br>for wallthicknesses T in mm, N/mm2 at room temperature |          | Tensile strength Rm for wallthickn. T<br>in mm, N/mm2 at room temperature |          | Elongation A at room-<br>temperature, min.% |         | Min. impact energy<br>KV in J |         |
|---|----------|---|----------|---|---------|-------------------------------|---------|
| T<=16   | 16<T<=60 | T<=16   | 16<T<=60 | Longit.                                     | Transv. | Longit.                       | Transv. |
| 240   | 240      | min. 415  | min. 415 | 30  | 17      |                               |         |

Sources: EN 10253, DIN 17175, DIN 2528, DIN 1629, Stahlschlüssel, ASTM

