

# Datasheet

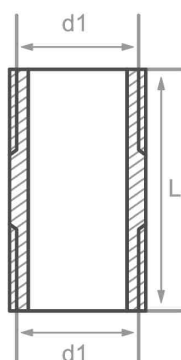
## Description

Barrelnippel, EN10241, TAB 22,  
conical thread, S235W, cert. 2.2

## Main data

2 1/2" x 100 mm

|    |        |
|----|--------|
| d1 | 2 1/2" |
| L  | 100 mm |



## Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: S235W

Mat. grade: 1.0037

| C    | Si | Mn   | P     | S     | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|------|----|------|-------|-------|----|----|----|----|----|----|---|--------|
| 0.17 |    | 1.40 | 0.045 | 0.045 |    |    |    |    |    |    |   | N      |

## Mechanical properties

Short name: S235W

Mat. grade: 1.0037

| 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. |
| 235                                                                                             | 225      | 360-500                                                                   | 360-500  | 25                                          | 25      |                               |         |

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