

Datasheet

Description

Barrelnippel, EN10241, TAB 22,
conical thread, S235Wgalv, cert. 2.2

Main data

1/2" x 100 mm

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



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: S235Wgalv

Mat. grade: 1.0037

| C | Si | Mn | P | S | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|------|----|-----|-------|-------|----|----|----|----|----|----|---|--------|
| 0.17 | | 1.4 | 0.045 | 0.045 | | | | | | | | N |

Mechanical properties

Short name: S235Wgalv

Mat. grade: 1.0037

| Upper yield strength reH or Rp0.2 min for wallthicknesses T in mm, N/mm2 at room temperature | | Tensile strength Rm for wallthickn. T in mm, N/mm2 at room temperature | | Elongation A at room- temperature, min.% | | Min. impact energy 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