

Datasheet

Description

Tees, DIN2615/EN10253-2-A
St35.8/I, certificate 3.1

Main data

88.90 x 3.20 / 42.40 x 2.60 mm

| | |
|----|----------|
| d1 | 88.90 mm |
| S1 | 3.20 mm |
| d2 | 42.40 mm |
| S2 | 2.60 mm |
| a | 86.00 mm |
| b | 70.00 mm |



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: St35.8/I

Mat. grade: 1.0305

| C | Si | Mn | P | S | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|------|------|------|-------|-------|----|----|----|----|----|----|---|--------|
| 0.17 | 0.35 | 0.80 | 0.040 | 0.040 | | | | | | | | |

Mechanical properties

Short name: St35.8/I

Mat. grade: 1.0305

| 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 | 360-480 | 360-480 | 25 | 23 | | 34 |

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