

# Datasheet

## Description

Elbows, DIN2605/EN10253-1-3D  
90°, ST 35, cert. ohne

## Main data

Type 3/LR, 90°, 88.90 x 5.00

|   |           |
|---|-----------|
| D | 88.90 mm  |
| S | 5.00 mm   |
| r | 114.00 mm |



## Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: ST 35

Mat. grade: 1.0308

| C    | Si   | Mn   | P     | S     | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|------|------|------|-------|-------|----|----|----|----|----|----|---|--------|
| 0.17 | 0.35 | 1.20 | 0.025 | 0.025 |    |    |    |    |    |    |   |        |

## Mechanical properties

Short name: ST 35

Mat. grade: 1.0308

| 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      | 343-441                                                                   | 343-441  | 25                                          |         |                               |         |

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