

Datasheet

Description

Elbows, DIN2605/EN10253-2-A-3D-90°
13CrMo45, certificate 3.1

Main data

Type 3/LR, 88.90 x 3.20 mm

| | |
|---|-----------|
| D | 88.90 mm |
| S | 3.20 mm |
| r | 114.00 mm |

Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: 13CrMo45

Mat. grade: 1.7335

| C | Si | Mn | P | S | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|------|------|------|-------|-------|------|------|------|----|------|----|---|--------|
| 0.17 | 0.35 | 0.70 | 0.025 | 0.020 | 1.15 | 0.30 | 0.60 | | 0.30 | | | Al |

Mechanical properties

Short name: 13CrMo45

Mat. grade: 1.7335

| 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. |
| 290 | 290 | 440-590 | 440-590 | 22 | 20 | | |

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