

DIMENSIONAL TOLERANCES FOR PIPES

Dimensional tolerances according to **EN ISO 1127**

Outside diameter		Wall thickness	
tolerance class	permissible deviation	tolerance class	permissible deviation
D1	+/- 1,5% min +/- 0,75 mm	T1	+/- 15% min +/- 0,60 mm
D2	+/- 1% min +/- 0,50 mm	T2	+/- 12,5 % min +/- 0,40 mm
D3	+/- 0,75% min +/- 0,30 mm	T3	+/- 10% min +/- 0,20 mm
D4	+/- 0,50% min +/- 0,10 mm	T4	+/- 7,5% min +/- 0,15 mm

Tolerance according to **EN 10305** (precision)

Outside diameter	Outside diameter tolerance
$4 \leq D \leq 30$	$\pm 0,08$ mm
$30 < D \leq 40$	$\pm 0,15$ mm
$40 < D \leq 50$	$\pm 0,20$ mm
$50 < D \leq 60$	$\pm 0,25$ mm
$60 < D \leq 70$	$\pm 0,30$ mm
$70 < D \leq 80$	$\pm 0,35$ mm
Tolerance for wall thickness	$\pm 10,0\%$ (minimum $\pm 0,1$ mm)

Please note that the given tolerances apply to full-length bars, and the control measurement is made at the ends of the pipe.

When purchasing non-prefabricated sections, other than those listed in the production certificate for a given batch of goods, deviations from the values specified in the 3.1 certificate can be expected, and this cannot be the basis for considering the product to be non-compliant with the standard or defective.