

# DIMENSIONAL TOLERANCES FOR PIPES

**Dimensional tolerances EN ISO 1127**

<b>Outer diameter</b>		<b>Thickness</b>	
tolerance class	allowable deviation	tolerance class	allowable 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

**Tolerances EN 10305 (precise)**

<b>Outer diameter</b>	<b>Outside diameter tolerance</b>
$4 \leq D \leq 30$	$\pm 0,08$ 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
<b>Wall thickness tolerance</b>	$\pm 10,0\%$ (minimum $\pm 0,1$ mm)