

TOLERANCES

<i>Standard</i>	<i>Outside Diameter</i>	<i>Tolerances</i>		<i>Wall Thickness</i>	<i>Tolerances</i>	<i>Weight</i>
DIN 1629, DIN 1630	OD≤130	±1% (but ± 0.5mm is permitted)		WT≤ 2Sn	+15/-10%	+12/-8% for each tube +10/-5% for lots over 10t
	130<OD≤244.5			2Sn<WT≤4Sn	+12.5/-10%	
		WT>4Sn	±9%			
		WT≤0.05OD	+17.5/-12.5%			
		0.05OD	±12.5%			
		<WT≤0.11OD	±10%			
		WT>0.11OD				
EN 10210-1,2		±1% or ±0.5mm (which is higher)			-10%	+8% / -6%
EN 10297-1, EN 10216-1		±1% or ±0.5mm (which is higher)			±12.5% or ±0.4mm (which is higher)	-
EN 10216-3-hot rolled		±1% or ±0.5mm (which is higher)			±12.5% or ±0.4mm (which is higher)	-
EN 10216-3-cold rolled		±0.5% or ±0.3mm (which is higher)			±10% or ±0.2mm (which is higher)	-
ASTM A519, hot rolled	OD<76.17	±0.51 mm		WT<15	±12.5%	-
	76.2<OD<114.27	±0.64 mm		WT≥15	±10%	
	114.3<OD<152.3 7	±0.79 mm		WT<15	±10%	
	152.4<OD<190.4 7	±0.94 mm		WT≥15	±7.5%	
	190.5<OD<228.5 7	±1.14 mm				
ASTM A519, cold rolled	OD≤53.31	OD: +0.30mm	ID: -0.30mm	WT≤25%OD & ID<38.1	±10%	-
	53.31<OD≤63.47	OD: +0.35mm	ID: -0.35mm	WT≤25%OD & ID≥38.1	±7.5%	
	63.47<OD≤73.63	OD: +0.40mm	ID: -0.40mm	WT>25%OD & ID<38.1	±12.5%	
	73.63<OD≤83.79	OD: +0.45mm	ID: -0.45mm	WT>25%OD & ID≥38.1	±10%	
	83.79<OD≤93.95	OD: +0.55mm	ID: -0.55mm			
	93.95<OD≤104.11	OD: +0.65mm	ID: -0.65mm			
	104.11<OD≤114.27	OD: +0.75mm	ID: -0.75mm			
Sn - Nominal wall thickness according to DIN 2448						