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 VAT No. RO 1510210/1992
 Subscribed and Paid Share Capital: 291.587.538,34 lei

MECHANICAL TUBES

Tolerances

Standard	Outside Diameter	Tolerances	Wall Thickness	Tolerances	Weight
DIN 1629, DIN 1630	<u>OD≤130</u>	<u>±1% (but ± 0.5mm is permitted)</u>	<u>WT≤ 2Sn</u> <u>2Sn<WT≤4Sn</u> <u>WT>4Sn</u>	<u>+15/-10%</u> <u>+12.5/-10%</u> <u>±9%</u>	+12/-8% for each tube +10/-5% for lots over 10t
	<u>130<OD≤244.5</u>		<u>WT≤0.05OD</u> <u>0.05OD <WT≤0.11OD</u> <u>WT>0.11OD</u>	<u>+17.5/-12.5%</u> <u>±12.5%</u> <u>±10%</u>	
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 10297-1(S690G2QL1 , S770QL, S890QL1)		OD =+ / - 0.8%		WT = + / - 10 %	
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)	-
Standard	Outside Diameter	Tolerances	Wall Thickness	Tolerances	Weight
ASTM A519, hot rolled	OD<76.17	±0.51 mm	WT<15 WT≥15	±12.5% ±10%	
	76.2<OD<114.27	±0.64 mm	WT<15 WT≥15	±10% ±7.5%	
	114.3<OD<152.37	±0.79 mm			
	152.4<OD<190.47	±0.94 mm	WT<15 WT≥15	±10% ±10%	
	190.5<OD<228.57	±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