

# STEEL TUBES FOR CONVEYOR ROLLER



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## Chemical Composition

	Max
Carbon	0.25
Silicon	-
Manganese	-
Phosphorus	0.04
Sulphur	0.04

## Mechanical Properties

	Min
Tensile	400 MPa
Yield	245 MPa
Elongation	23%

## STEEL TUBES FOR CONVEYOR ROLLER

Nominal Size (mm)	Outside Diameter (mm)		Inside Diameter (mm)		Thickness (mm)	Weight (plain end)
	min	max	min	max		kg/m
60.3	59.75	60.25	53.75	54.25	3.00	4.34
76.0	75.70	76.30	69.70	70.30	3.00	5.51
88.9	88.60	89.20	82.60	83.20	3.00	6.47
			79.60	80.20	4.50	9.58
			77.60	78.20	5.50	11.6
101.6	101.30	101.90	95.30	95.90	3.00	7.41
			94.30	94.90	3.50	9.09
			93.90	94.50	3.70	9.08
114.3	113.90	114.70	107.50	108.30	3.20	8.89
			106.90	107.70	3.50	9.71
			106.50	107.30	3.70	10.22
			104.90	105.70	4.50	12.39
127.0	126.60	127.40	120.20	121.00	3.20	10.52
			119.60	120.40	3.50	10.81
			119.20	120.00	3.70	11.41
			118.60	119.40	4.00	12.32
			117.60	118.40	4.50	14.43
			116.60	117.40	5.00	15.92
139.8	139.40	140.20	132.00	132.80	3.70	12.57
			130.20	131.00	4.60	15.55
140.0	139.60	140.40	131.60	132.40	4.00	13.62
			129.40	130.20	5.10	17.25
152.4	152.00	152.80	144.00	144.80	4.00	14.81
			142.80	143.60	4.60	17.02
			140.00	140.80	6.00	22.03
159.0	158.60	159.40	149.60	150.40	4.50	17.39
			149.40	150.20	4.60	17.77
			148.80	149.60	4.90	18.90
			146.60	147.40	6.00	23.01
165.1	164.70	165.50	155.70	156.50	4.50	18.82
			152.70	153.50	6.00	24.68

## TOLERANCE

OD&ID	OD	OD & ID
	≤ 60	: ± 0.25 mm
	≥ 76 ≤ 101.6	: ± 0.30 mm
	≥ 108	: ± 0.40 mm

WT	± 0.2 mm
Inner Scrafing	- 0.35 mm, + 0.1 mm
Outer Scrafing	0.1 mm max
Straightness	Less than 1.0 mm per meter