

## Products - Aluminum Re-drawn Tubes

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### Data sheet of Aluminum Tubes for Pneumatic Cylinder - Inch Size

**NOTE :** All Dimensions are in **mm** except weight

ID in Inch	O.D. in MM	I.D.in MM	Thickness in MM
1	29	25.4	1.8
	30	25.4	2.3
1.25	36	31.75	2.125
	37	31.75	2.625
1.5	42	38.1	1.95
1.75	49	44.45	2.275
	50	44.45	2.775
2	55	50.8	2.1
	56	50.8	2.6
	56.8	50.8	3.0
2.25	62.5	57.15	2.675
2.5	68	63.5	2.25
	69	63.5	2.75
3	81	76.2	2.4
4	106.4	101.6	2.4

**Material:** 6063 T6

#### **Mechanical Properties (Minimum)**

**UTS** = 245 MPa

**Rp 0.2** = 200 MPa

#### **Anodizing**

Hard Anodize coating thickness 20  $\mu$ m

#### **Internal roughness**

Across the length Ra  $\leq$  0.6  $\mu$ m

Along the length Ra  $\leq$  0.4  $\mu$ m

Across the length Rmax  $\leq$  9  $\mu$ m