

# DIN EN 755-8:2016-10 (E)

## Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 8: Porthole tubes, tolerances on dimensions and form

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
1	Scope .....	4
2	Normative references .....	5
3	Tolerances on dimensions .....	5
3.1	General .....	5
3.2	Diameter - Round tube .....	5
3.3	Width, depth or width across flats - squares, rectangles, hexagons, octagons .....	6
3.4	Wall thickness variation (eccentricity) .....	7
3.5	Length .....	8
3.6	Squareness of cut ends .....	9
4	Tolerances on form .....	9
4.1	General .....	9
4.2	Straightness .....	9
4.3	Convexity-Concavity .....	10
4.4	Twist .....	11
4.5	Angularity .....	12
4.6	Corner and fillet radii .....	13
4.7	Depth of dents for round tube .....	14
Annex A (informative) Wall thickness variation (eccentricity) .....		15
A.1	General .....	15
A.2	Specifying round tube sizes and tolerances .....	15
A.2.1	General .....	15
A.2.2	Wall thickness variation for tubes specified as OD × t or ID × t .....	15
A.2.3	Wall thickness variation for tubes specified as OD × ID .....	16
Bibliography .....		17