



Linear Dimension Tolerances & Visual Defects for Extruded Aluminum Nitride

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A. As-Fired Dimensional Tolerances :

Parameters	Tolerances
Length (in.)	± 5% , NLT 0.050"
Outside Diameter (in.)	± 5% , NLT 0.020"
Inner Diameter (in.)	± 5% , NLT 0.020"
Concentricity (in.)	± 5% , NLT 0.010"
Straightness (in./in.)	0.010"

Note : Exceptions may apply to Multi-hole or Larger Tubing.

NLT : Not Less Than

B. Visual Defects (per ASTM F-109)

Parameters	Maximum Size
Blemish	Acceptable
Chips Open or Closed	0.080"W X 0.060"D
Cracks	0.080"
Blister	0.050"
Inclusion	0.040"
Pit, Hole, Surface porosity, Voids	0.080"

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