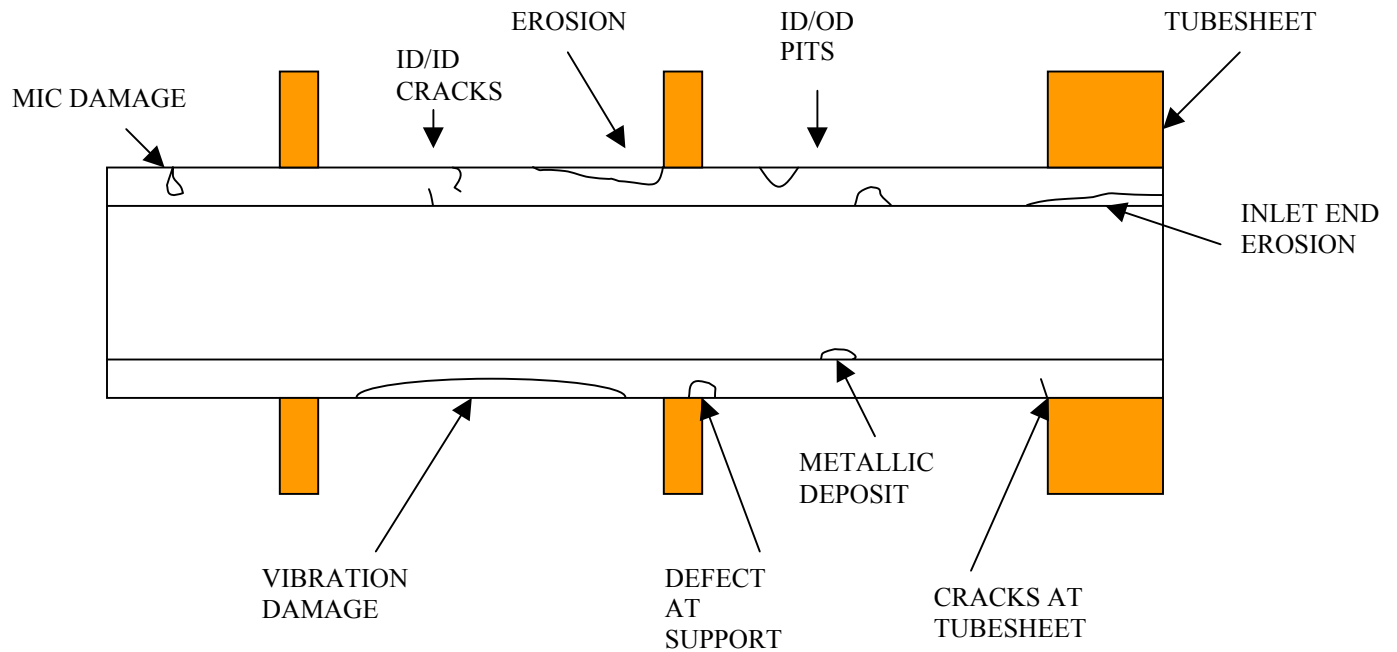


## TYPICAL TUBE DEFECTS



### List of Tube Defects

ID/OD Pitting	This is the most common form of damage in copper alloy tubing
ID/OD Cracking	Can be present in any tube material
Erosion	Caused by flow
Inlet End Erosion	Caused by turbulent flow at the Tube Inlet
Vibration Damage	Occurs between supports
Cracks at Tubesheet	Caused by high stresses
Defect at support	This can be pitting/cracking
MIC	Microbially Induced Corrosion found in stainless steel
Metallic Deposits	Produce signals that can be miscalled as defects

NDE Associates, Inc.

*www.nde.com*