

Sl. No.	Parameters		Description as per Specification	
1	<b>Specification</b>		SAE 1018	
2	<b>Size</b>		HEX OD 72.64 X WT 7.56 MM	
3	<b>Application</b>		SAE 1018 - Standard Specification of Seamless Pipe for Mechanical Tubing.	
4	<b>Process of Manufacture</b>		Cold drawn seamless	
5	<b>Specification Grade</b>		<b>SAE 1018</b>	<b>Lalbaba Offer</b>
6	<b>Mechanical Test</b>	<b>Yst in Mpa</b>	AS per customer Requirement	400-450
		<b>UTS in Mpa</b>	AS per customer Requirement	450-500
		<b>E%</b>	As per customer Requirement	10%
		<b>Hardness</b>	As per customer Requirement	85-90 HRB
		<b>Bend test</b>	Not Applicable	Not Applicable
		<b>Flattening</b>	Not Applicable	Not Applicable
		<b>Flarring</b>	Not Applicable	Not Applicable
		<b>Impact</b>	Not Applicable	Not Applicable
7	<b>Chemical Composition</b>	<b>%C</b>	0.15-0.20	0.15-0.20
		<b>%Mn</b>	0.60-0.90	0.60-0.90
		<b>%Si</b>	-	0.10-0.30
		<b>%P</b>	0.040 max	0.025 max
		<b>%S</b>	0.050 max	0.025 max
		<b>%Cr</b>	-	0.005-0.009
		<b>%Cu</b>	-	0.004-0.009
		<b>%Mo</b>	-	0.005-0.008
		<b>%Ni</b>	-	0.006-0.007
		<b>%V</b>	-	-
		<b>Others</b>	-	-
8	<b>NDT</b>	<b>ECT</b>	Applicable as per specification ASME E309	As per specification with minimum 0.8 mm drill hole
		<b>UT</b>	Applicable as per specification ASME E213	As per specification with minimum 0.3 mm notch depth
9	<b>Hydrostatic Test</b>		As per customer requirement	Not Applicable
10	<b>Dimension Tolerance (mm)</b>	<b>OD</b>	As per customer requirement	OD (+/-0.15)
		<b>WT / ID</b>	As per customer requirement	ID(+/-0.15)
11	<b>Heat Treatments Condition</b>		As per customer requirement	As Drawn
12	<b>Surface Condition</b>		-	Bright
13	<b>End Condition</b>		Plain end	OK
14	<b>Straightness</b>		Reasonably straight	0.8 : 1000 MM
15	<b>Ovality</b>		-	0.3 mm Max
16	<b>Eccentricity</b>		-	5% Max
17	<b>Stencil Marking</b>		LALBABA/LOGO/SAE 1018/OD 72.64 X WT 7.56 MM / MADE IN INDIA	
18	<b>Coating</b>		Bare/Rust preventive coating	Bare/Oiling

Reach Us At

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