

Sl. No.	Parameters		Description as per Specification	
1	Specification		SAE1020	
2	Size		Oval OD 32.00 X WT 4.00 MM	
3	Application		SAE 1020 - Standard Specification of Seamless Pipe for Mechanical Tubing.	
4	Process of Manufacture		Cold drawn seamless	
5	Specification Grade		SAE 1020	Lalbaba Offer
6	Mechanical Test	Yst in Mpa	As per customer Requirement	400-450
		UTS in Mpa	As per customer Requirement	450-500
		E%	AS per customer Requirement	10%
		Hardness	AS per Customer Requirement	85-90 HRB
		Bend test	Not Applicable	Not Applicable
		Flattening	Not Applicable	Not Applicable
		Flarring	Not Applicable	Not Applicable
		Impact	Not Applicable	Not Applicable
7	Chemical Composition	%C	0.18-0.23	0.18-0.23
		%Mn	0.30-0.60	0.30-0.60
		%Si	-	0.009-0.011
		%P	0.040 max	0.040 max
		%S	0.050 max	0.050 max
		%Cr	-	0.005-0.009
		%Cu	-	0.004-0.009
		%Mo	-	0.005-0.008
		%Ni	-	0.006-0.007
		%V	-	-
		Others	-	-
8	NDT	ECT	Applicable as per specification ASME E309	As per specification ASME E309 with minimum 0.8 mm drill hole
		UT	Applicable as per specification ASME E213	As per specification ASME E213 with minimum 0.3 mm notch depth
9	Hydrostatic Test		As per customer requirement	Not Applicable
10	Dimension Tolerance (mm)	OD	As per customer Requirement	OD (+0.15/-0.15)
		WT / ID	As per customer Requirement	ID(+0.15/-0.15)
11	Heat Treatments Condition		As per customer Requirement	As Drawn
12	Surface Condition		-	Bright
13	End Condition		Plain end	OK
14	Straightness		Reasonably staright	0.8 : 1000 MM
15	Ovality		-	0.3 mm Max
16	Eccentricity		-	5% Max
17	Stencil Marking		LALBABA/LOGO/SAE1020/OD 32.00 X WT 4.00 MM / MADE IN INDIA	
18	Coating		Bare/Rust preventive coating	Bare

Reach Us At

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