

Sl. No.	Parameters		Description as per Specification	
1	Specification		EN1A	
2	Size		Hex OD 36.90 X WT 4.97 MM	
3	Application		EN1A - Standard Specification of Seamless Pipe as free cutting material.	
4	Process of Manufacture		Cold drawn seamless	
5	Specification Grade		SAE 1018	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	0.07-0.15	0.07-0.12
		%Mn	0.80-1.20	0.80-0.95
		%Si	0.10 max	0.10 max
		%P	0.07 max	0.04 max
		%S	0.20-0.30	0.25-0.30
		%Cr	-	0.010-0.022
		%Cu	-	0.001-0.004
		%Mo	-	0.001-0.002
		%Ni	-	0.005-0.008
		%V	-	0.001-0.004
8	NDT	ECT	Applicable as per specification ISO 10893-2	As per specification with minimum 0.8 mm drill hole
		UT	Applicable as per specification ISO 10893-10	As per specification with minimum 0.3 mm notch depth
9	Hydrostatic Test		Not Specified	Not Applicable
10	Dimension Tolerance (mm)	OD	As per customer requirement	OD (+0.10/-0.10)
		WT / ID	As per customer requirement	ID (+0.10/-0.10)
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/EN1A/OD 36.90 X WT 4.97 MM / MADE IN INDIA	
18	Coating		Bare / Rust preventive coating	Bare

Reach Us At

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