

Sl. No.	Parameters		Description as per Specification	
1	Specification		ISO 10208 Gr. 41Cr4 SDA/OD 31.45 X WT 5.00 MM /MADE IN INDIA	
2	Size		OD 31.45 X WT 5.00 MM	
3	Application		ISO 10208 Gr. 41Cr4- Standard Specification of Seamless Pipe for Rock Drill Equipment	
4	Process of Manufacture		Cold drawn seamless	
5	Specification Grade		ISO 10208 Gr. 41Cr4	Lalbaba Offer
6	Mechanical Test	Yst in Mpa	As per customer requirement	650-700
		UTS in Mpa	As per customer requirement	750-800
		E%	As per customer requirement	8% min
		Hardness	As per customer requirement	90 HRB min
		Bend test	As per customer requirement	Not Applicable
		Flattening	As per customer requirement	Not Applicable
		Flarring	As per customer requirement	Not Applicable
		Impact	NA	Not Applicable
7	Chemical Composition	%C	0.38-0.45	0.40-0.43
		%Mn	0.60-0.90	0.60-0.80
		%Si	0.40 max	0.40 max
		%P	0.025 max	0.025 max
		%S	0.035 max	0.025 max
		%Cr	0.90-1.20	0.90-1.20
		%Cu	-	-
		%Mo	-	-
		%Ni	-	-
		%V	-	-
		Others	-	-
8	NDT	ECT	Applicable as per specification EN 10246-3.	Applicable as per specification EN 10246-3.
		UT	Applicable as per specification EN 10246-7.	Applicable as per specification EN 10246-7.
9	Hydrostatic Test		Not Applicable	Not Applicable
10	Dimension Tolerance (mm)	OD	As per customer requirement	OD (+/-0.15)
		WT / ID	As per customer requirement	ID (+/-0.15)
11	Heat Treatments Condition		As Drawn / Annealing / Normalizing / SR / Q&T	Stress Relived
12	Surface Condition		-	Scale free smooth black
13	End Condition		Plain end	OK
14	Straightness		1:2000	0.8 : 1000 MM
15	Ovality		-	0.3 mm Max
16	Eccentricity		-	5% Max
17	Stencil Marking		LALBABA/LOGO/ISO 10208 Gr. 41Cr4 SDA/OD 31.45 X WT 5.00 MM / MADE IN INDIA	
18	Coating		Bare/Rust preventive coating	Bare/Oiling/Varnish

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