

DIN1630

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●Production Standard of DIN1630

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DIN 1630 is a specification for steel tubes in the German Industrial Standard (Deutsche Industrienorm). Specifically, it defines the technical conditions for the delivery of seamless tubes made of non-alloy steel with special high requirements. DIN1630 ST37.4 seamless steel tubes are particularly popular in the construction of chemical plants, vessels, pipework, and general mechanical engineering applications.

●Dimensions and Sizes of DIN1630

Outside Diameter	Tube Thickness (mm)																													
	1	1	2	2	2	3	3	4	5	6	7	8	1	1	1	1	1	2	2	2	2	3	3	3	4	4	5	5	6	6
mm	6	8	2	3	6	9	2	6	5	6	3	1	8	0	1	2	4	6	7	0	2	5	8	0	2	6	0	5	0	5

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●Chemical Composition of DIN1630

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●Mechanical Properties Tensile Strength and Yield Strength of DIN1630

Grade	Material Number	Chemical Composition %					Mechanical Properties					
		C max.	Mn max.	P max.	S max.	Si max.	U.T.S Mpa (min.)	Y.S.Mpa (min.)	EI%		Impact Energy V Notch J	
									Longi.	Tranv.	Longi.	Tranv.
St 37.4	1.0255	0.17	≥0.35	0.04	0.04	0.035	350 to 480	235	25	23	43	27
St 44.4	1.0257	0.2	≥0.40	0.04	0.04	0.035	420 to 550	275	21	19	43	27
St 52.4	1.0581	0.22	≤1.60	0.04	0.035	0.55	500 to 650	355	21	19	43	27