

Longitudinal Welded Pipes

CASING TUBES

Standard *API SPEC 5CT*

Specification for Casing and Tubing

Size	Weight	Outside Diameter (mm)	Wall Thickness (mm)	Length (m)	Type of End Finish					
					H40	J55/K55	M65	L80-1/C95	N80-1/Q	P110
8 5/8	28	219,10	7,72	7.62-14.63	PS	—	PS	—	—	—
	32	219,10	8,94		PS	PSLB	PSLB	—	—	—
	36	219,10	10,16		—	PSLBE	PSLB	PLBE	PLBE	PLBE
	44	219,10	12,7		—	—	—	PLBE	PLBE	PLBE
9 5/8	36	244,50	8,94		PS	PSLB	PSLB	—	—	—
	40	244,50	10,03		—	PSLBE	PSLB	PLBE	PLBE	—
	43,5	244,50	11,05		—	—	PLB	PLBE	PLBE	PLBE
	47	244,50	11,99		—	—	PLB	PLBE	PLBE	PLBE
	53,5	244,50	13,84		—	—	—	PLB	PLBE	PLB
10 3/4	40,5	273,10	8,89		PS	PSB	PSB	—	—	—
	45,5	273,10	10,16		—	PSBE	PSB	PSBE	—	—
	51	273,10	11,43		—	PSBE	PSB	PSBE	PSBE	PSBE
	60,7	273,10	13,84		—	—	—	—	—	PSBE
13 3/8	48	339,70	8,38		PS	—	—	—	—	—
	54,5	339,70	9,65		—	PSB	PSB	—	—	—
	61	339,70	10,92		—	PSB	PSB	—	—	—
	68	339,70	12,19	—	PSB	PSB	PSB	PSB	PSB	
	72	339,70	13,06	—	—	—	PSB	PSB	PSB	

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					H40	J55/K55	M65	L80-1/C95	N80-1/Q	P110
16	65	406,40	9,53	7.62-14.63	PS	—	—	—	—	—
	109	406,40	16,66		—	P	—	P	P	P
18 5/8	87,5	473,10	11,05		PS	PSB	PSB	—	—	—
20	94	508,00	11,13		PSL	PSLB	PSLB	—	—	—
	106,5	508,00	12,7		—	PSLB	PSLB	—	—	—
	133	508,00	16,13		—	PSLB	—	—	—	—

◆ Note: P-Plain end; S-Short round thread; L-Long round thread; B-Buttress thread; E-Extreme-line

Tolerances for Dimension and Weight

Item	Tolerance
Outside Diameter	3.97mm ~ -0.75%D
Wall Thickness	-10%
Weight	6.5%,-3.5%

Mechanical Property

Grade		H40	J55	K55	N80-1	N80-Q	M65	L80-1	C95	P110
Yield Strength (MPa)	min	276	379	379	552	552	448	552	655	758
	max	552	552	552	758	758	586	655	758	965
Tensile Strength	min	414	517	655	689	689	586	655	724	862

Longitudinal Welded Pipes

ROUND STRUCTURAL TUBE

Standard *ASTM A53*

*Standard Specification for Pipe, Steel, Black and Hot-Dipped,
Zinc-Coated, Welded and Seamless*

SIZE(mm)			Mechanical Property			Chemical Composition(%)		
Outside Diameter	Wall Thickness	Length (m)	Grade	Yield Strength min(MPa)	Tensile Strength min(MPa)	Composition	Grade	
							A53A	A53B
219	6	6~18	A53A	205	330	C	0,25	0,3
273	8					Mn	0,95	1,2
325	8,5					P	0,05	0,05
356	9					S	0,045	0,045
406	10		A53B	240	415	Cu	0,4	0,4
457	19					Ni	0,4	0,4
508	12					Cr	0,4	0,4
609,6	10,3					Mo	0,15	0,15
					V	0,08	0,08	
Tolerances for Dimension and Weight:								
Weight:10%			Outside Diameter:1%			Wall Thickness:12.5%		