

COMPARISON CHART

Norm DIN	Grade DIN	NORM EN	GRADE EN	American norm	Grade	FRENCH NORM	GRADE
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SEAMLESS OR WELDED TUBES IN NORMAL STEEL

2440	ST.33	10255-M	S195				
2441	ST.33	10255-H	S195				
2444	ST.33	10240-A1	S195				

WELDED TUBES

1626	ST.37.0	10217-1	P235 TR 1	ASTM A53	Grade A	49112	TU E 220 A
1626	ST.37.4	10217-1	P235 TR 2	ASTM A53	Grade A		
17120	ST 37.2	10219	S235 JRH	API 5L	Grade B		
17120	ST 44.2	10219	S275 JOH	API 5L	Grade X42		
17120	ST 44.3	10219	S275 J2H	API 5L	Grade X42		
17120	ST 52.3	10219	S355 J2H	API 5L	Grade X52		

SEAMLESS TUBES

1629	ST 37.0	10216-1	P235 TR 1	ASTM A53	Grade A	49112	TU E 220 A
1630	ST 37.4	10216-1	P235 TR 2				
1629	ST.52.0	10216-3	P355 N				
17121	ST.37.2	10210	S235 JRH				
17121	ST 52.3	10210	S355 J2H			49501	TU E 355
1629	ST52	10297-1	E235+AR				
1629	ST37	10297-1	E355+AR				
ISO 2938	20Mn V 6	10297-1	E470				
17173	TTSt 35 N	10216-4	P215 NL	ASTM A333	Grade 1	49245	TS 34 BT
17173	A St 45	10216-4	P265 NL	ASTM A333	Grade 6	49215	TS 42 BT

SEAMLESS BOILER TUBES

17175	ST.35.8.I	10216-2	P235 GH TC 1	A106	Grade A	49213	TU 37 C
17175	ST.35.8.III	10216-2	P235 GH TC2				
17175	ST 45.8 I	10216-2	P265 GH TC1	A 106	Grade B	49213	TU 42 C
17175	ST 45.8 III	10216-2	P265 GH TC2				
17175	15 Mo3	10216-2	16MO3	A335	P1	49213	TU 15 D3
17175	13 CrMo 4 4	10216-2	13CRMO4-5	A335	P12	49213	TU 13 CD 4.04
				A335	P11	49213	TU 10 CD 5.05
17175	10CrMo 9 10	10216-2	10CRMO9-10	A335	P22	49213	TU 10 CD 9.10
17175	X10 CrMoVNB 9 1	10216-2	X10 CRMOVNB 9 -1	A335	P91		
17175	X20 CrMoV 12 1	10216-2	X20 CRMOV11-1				

WELDED BOILER TUBES

17177	ST.37.8.I	10217-2	P235 GH TC 1				
17177	ST 42.8.I	10217-2	P265 GH TC 1				

SEAMLESS PRECISION TUBES

2391	ST.35 bk	10305-1	E235+C			49310	TU 37 B
2391	ST.35 nbk	10305-1	E235+N				
2391	ST.52 bk	10305-1	E355+N			49310	TU 52 B

SEAMLESS TUBES FOR HYDRAULIC CONDUITS

2391/1630	ST.37.4 nbk	10305-4	E235+N				
2391/1630	ST.52.4 nbk	10305-4	E355+N				

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WELDED PRECISION TUBES

2393	ST.34-2	10305-2	E195				
2393	ST.37-2	10305-2	E235				
2394	ST.34-2 bkm	10305-3	E195+CR1				
2394	ST.37-2 bkm	10305-3	E235+CR1				
2394	ST.34-2 bkm soft	10305-3	E220+CR2				
2395	ST.37-2	10305-5	E235+CR2				

WELDED OR SEAMLESS RECTANGULAR AND SQUARE TUBES

59410	ST.52-3	10210	S355 J2H				
59411	ST.37-2	10219-1/2	S235 J2H				
59411	ST.52-3	10219-1/2	S355 J2H				

WELDED OR SEAMLESS TUBES FOR CONDUITS

17172/2470-2	StE 240.7	10208-2	L245 NB/MB	API 5L	GRADE B	49400	TS E 250
17172/2470-2	StE 290.7	10208-2	L290 NB/MB	API 5L	GRADE X42	49400	
17172/2470-2	StE 360.7	10208-2	L360 NB/MB	API 5L	GRADE X52	49400	TS E 360
17172/2470-2	StE 415.7	10208-2	L415 NL/MB	API 5L	GRADE X60	49400	TS E 415
17172/2470-2	StE 445.7	10208-2	L450 QB/MB	API 5L	GRADE X65	49400	

STAINLESS TUBES

17458	1,4301	10216-5	X5CrNi18-10	AISI	TP 304	35572	Z6 CN 18.09
17458	1,4306	10216-5	X2CrNi19-11	AISI	TP 304L	35572	Z6 CN 18.10
17458	1,4541	10216-5	X6CrNiTi18-10	AISI	TP 321	35572	Z6 CNT 18.10
17458	1,4571	10216-5	X6CrNiMoTi17-12-2	AISI	TP316 TI	35572	Z6 CNDT 17.12
17458	1,4401	10216-5	X5CrNiMo17-12-2	AISI	TP316	35572	Z6 CND 17.11
17458	1,4404	10216-5	X2CrNiMo17-12-2	AISI	TP 316L	35572	Z6 CND 17.12
17458	1,4539	10216-5	X1NiCRMocCu25-20-5	AISI	TP904/L		
17458	1,4462	10216-5	X2CrNiMoN22-5-3	AISI	UNS S 31803		