

China GB, Japan JIS, America ASTM, German DIN steel pipe standards and grades comparison table

Grades	China GB	Japan JIS		America ASTM	German DIN				
	Steel grade	Steel grade	Standard	Steel grade	Steel grade	Materials no.	Standard		
Carbon Steel Pipe	(Q235)	GGP	G3452	(A53 grade F)	(St33)	1.0033	DIN1626		
		STPY41	G3457	A283-D					
	10		STPG38	G3454	A135-A A53-A	(St37)	1.0110	DIN1626	
			STPG38	G3456	A106-A	St37-2	1.0112	DIN17175	
			STS38	G3455			St35.8	1.0305	DIN1629/4
							St35.4	1.0309	
			STB30	G3461	A179-C A214-C	St35.8	1.0305	DIN17175	
			STB33	G3461	A192 A226	St35.8	1.0305	DIN17175	
	STB35	G3461		St35.8	1.0305	DIN17175			
	20		STPG42	G3454	A315-B A53-B	(St42)	1.0130	DIN1626	
						St42-2	1.0132		
			STPT42	G3456	A106-B	St45-8	1.0405	DIN17175	
			STB42	G3461	A106-B	St45-8	1.0405	DIN17175	
			STS42	G3455	A178-C A210-A-1	St45-4	1.0309	DIN1629/4	
Low Carbon Steel Pipe	16Mn	STS49	G3455	A210-C	St52.4	1.0832	DIN1629/4		
		STPT49	G3456		St52	1.0831	DIN1629/3		
	15MnV	STBL39	G3464						
Low Temperature Pipe	16Mn	STPL39	G3460	A333-1.6	TT St35N	1.0356	SEW680		
	15MnV	STBL39	G3464	A334-1.6					
	09Mn2V				A333-7.9	TT St35N	1.0356	SEW680	
					A334-7.9				
	(06A1NbCuN)		STPL46	G3460	A333-3.4	10Ni14	1.5637	SEW680	
STBL			G3464	A334-3.4					
(20Mn23A1)				A333-8 A334-8	X8Ni9	1.5662	SEW680		

Heat-resistant Pipe	16Mo	STPA12 STBA12、 13	G3458 G3462	A335-P1、A369-FP1 A250-T1、A209-T1	15Mo3	1.5414	DIN17175
	12CrMo	STBA20	G3462	A335-P2、A369-FP2 A213-T2			
	15CrMo	STPA22 STBA22	G3458 G3462	A335-P12、A369-FP12 A213-T12	13CrMo44	1.7335	DIN17175
	12Cr1MoV	STPA23 STBA23	G3458 G3462	A335-P11、A369-FP12 A199-T11、A213-T11			
	Cr2Mo 10MoWVNb	STPA24 STBA24	G3458 G3462	A335-P22、A369-FP22 A199-T22、A213-T22	10CrMo910	1.7380	SEW610
	Cr5Mo	STPA25 STBA25 STPA26 STBA26	G3458 G3462 G3458 G3462	A335-P5、A389-FP5 A213-T5 A335-P9、A369-FP9 A199-T9、A213-T9	12CrMo195	1.7362	DIN17175
Stainless Acid-resistant Pipe	(1Gr13)	SUS410 TP	G3463	A268 TP410	X10Cr13	1.4006	DIN17440
	(2Cr13)			(SISI 420)	X20Cr13	1.4021	DIN17440
	(1Cr17)	SUS430 TB	G3463	A268 TP430/TP429	X8Cr17	1.4016	DIN17440
	0Cr18Ni9	SUS304 TP/TB	G3459 G3463	A312、A376、TP304 A213、A249、A268 TP304	X5CrNi189	1.4301	DIN17440
	(1Cr18Ni9)				X5CrNi189	1.4301	DIN17440
	0Cr18Ni10Ti 1Cr18Ni9Ti	SUS321 TP/TB	G3459 G3463	A312、A376 TP321 A213、A249、A266 TP321	X10CrNiTi189	1.4541	DIN17440
	0Cr18Ni13Mo2Ti	SUS316 TP/TB	G3459 G3463	A312、A376 TP316 A213、A249、A266 TP316			
	0Cr18Ni13Mo3Ti	SUS317 TP/TB	G3459 G3463	A312、A376 TP316 A213、A249、A268 TP317			
	00Cr18Ni10	SUS304L TP/TB	G3459 G3463	A312、A376 TP34L A213、A249、A268 TP304L	X2CrNi189	1.4306	DIN17440
	00Cr17Ni13Mo2	SUS316L TP/TB	G3459 G3463	A312、A376 TP316L A213、A249、A268	X2CrNi810	1.4404	DIN17440

				TP316L			
	00Cr17Ni13Mo3	SUS317L TP/TB	G3459 G3463	A312、A376、TP317L A213、A249、A268 TP317L			