

Material Selection Chart

Grade	Pipe	Tube	Fittings	Flanges	Plate	Bar	Forgings	UNS No.
Stainless 304	A312	A213/249/269	A403	A182 F304	A240	A276/479	A182	S30400
Stainless 316	A312	A213/249/269	A403	A182 F316	A240	A276/479	A182	S31600
Stainless 410	A268	A213/249/269	A815	A182 F410	A240	A276/479	A182	S41000
Stainless 317	A312	A213/249/269	A403	A182 F317	A240	A276/479	A182	S31700
Stainless 310	A312	A213/249/269	A403	A182 F310	A240	A276/479	A182	S31000
Stainless 321	A312	A213/249/269	A403	A182 F321	A240	A276/479	A182	S32100
Stainless 347	A312	A213/249/269	A403	A182 F347	A240	A276/479	A182	S34700
Stainless 254 SMO	A312	A213/249/269	A403	A182 F254	A240	A/SA182 A/SA479 A/SA276 A/SA193	A/SA182	S31254
Alloy 20	B/SB729	B/SB729	B/SB366	B/SB462 B16.5	B/SB463	B/SB462 B/SB473	B/SB462	N08020
Duplex 2205	A/SA790.	A/SA789	A/SA182 A/SA815	A/SA479 A/SA182	A/SA240	A/SA182 A/SA479 A/SA276 A/SA193	A/SA182	S31803/S32205
Hastelloy C276	B/SB619 B/SB622	SB-622/SB-516/SB-626	SB-366	B/SB574 B/SB564 B16.5	B/SB575	B/SB574 B/SB564	B/SB-564 B/SB462	N10276
Alloy 200/201	B/SB161	B/SB161 B/SB163	B/SB366	B/SB160 B/SB564 B16.5	B/SB162	B/SB160 B/SB564	B/SB564	N02200/N02201
Alloy 400	B/SB165	B/SB165	B/SB366	B/SB164 B/SB564 B16.5	B/SB127	B/SB164 B/SB564 QQ-N-281D	SB-564	N04400
Alloy 600	B/SB167	B/SB167	B/SB366	B/SB166 B/SB564 B16.5	B/SB168	B/SB166 B/SB564	B/SB564	N06600
Alloy 625	B/SB444 B705	B/SB444	B/SB366	B/SB444 B/SB564 B16.5	B/SB443	B/SB446 B/SB564	B/SB564	N06625
Alloy 800H/HP	B/SB407	SB-407/SB-829/SB-515/SB-751	B/SB366	B/SB446 B/SB564 B16.5	B/SB409	B/SB408 B/SB564	B/SB564	N08810/N08811
Alloy 825	B/SB423	B/SB423	B/SB366	B/SB425 B/SB564 B16.5	B/SB424	B/SB425 B/SB564	B/SB564	N08825
Carbon Steel	A53		A234 WPB	A105	A36		A105	
Carbon Steel	A106B		A234 WPB	A105	A36		A105	
Carbon Steel	A106C		A234 WPB	A105	A36		A105	
Low Temp C.S. Gr. 1	A333 GR. 1	A334 GR. 1	A420 WPL1/6	A350 LF2		A516	A350 LF2	
Low Temp C.S. Gr. 3	A333 GR. 3	A334 GR. 3	A420 WPL3	A350 LF3		A516	A350 LF3	
Low Temp C.S. Gr. 6	A333 GR. 6	A334 GR. 6	A420 WPL6	A350 LF2		A516	A350 LF2	
Cr-Mo Grade 5	A335 P5	A213 T5	A234 WP5	A182 F5		A387 GRADE 5	A182 F5	
Cr-Mo Grade 9	A335 P9	A213 T9	A234 WP9	A182 F9		A387 GRADE 9	A182 F9	
Cr-Mo Grade 11	A335 P11	A213 T11	A234 WP11	A182 F11		A387 GRADE 11	A182 F11	
Cr-Mo Grade 22	A335 P22	A213 T22	A234 WP22	A182 F22		A387 GRADE 22	A182 F22	
Cr-Mo Grade 91	A335 P91	A213 T91	A234 WP91	A182 F91		A387 GRADE 91	A182 F91	