

# CORROSION RESISTANCE OF STAINLESS STEELS

Type	Mild atmospheric and fresh water	Atmospheric		Salt water	Chemical		
		Industrial	Marine		Mild	Oxidizing	Reducing
<b>Austenitic Stainless Steel</b>							
201	X	X	X		X	X	
201	X	X	X		X	X	
205	X	X	X		X	X	
301	X	X	X		X	X	
302	X	X	X		X	X	
302B	X	X	X		X	X	
303	X	X			X		
303Se	X	X			X		
304	X	X	X		X	X	
304H	X	X	X		X	X	
304L	X	X	X		X	X	
304N	X	X	X		X	X	
S30430	X	X	X		X	X	
305	X	X	X		X	X	
308	X	X	X		X	X	
309	X	X	X		X	X	
309S	X	X	X		X	X	
310	X	X	X		X	X	
310S	X	X	X		X	X	
314	X	X	X		X	X	
316	X	X	X	X	X	X	X
316F	X	X	X	X	X	X	X
316H	X	X	X	X	X	X	X
316L	X	X	X	X	X	X	X
316N	X	X	X	X	X	X	X
317	X	X	X	X	X	X	X
317L	X	X	X	X	X	X	X
321	X	X	X		X	X	
321H	X	X	X		X	X	
329	X	X	X	X	X	X	X
330	X	X	X	X	X	X	X
347	X	X	X		X	X	
347H	X	X	X		X	X	
348	X	X	X		X	X	
348H	X	X	X		X	X	
384	X	X	X		X	X	

# CORROSION RESISTANCE OF STAINLESS STEELS

Type	Mild atmospheric and fresh water	Atmospheric		Salt water	Chemical		
		Industrial	Marine		Mild	Oxidizing	Reducing
<b>Ferritic Stainless Steel</b>							
405	X				X		
409	X				X		
429	X	X			X	X	
430	X	X			X	X	
430F	X	X			X		
430FSe	X	X			X		
434	X	X	X		X	X	
436	X	X	X		X	X	
442	X	X			X	X	
446	X	X	X		X	X	
<b>Martensitic Stainless Steel</b>							
403	X						
410	X						
414	X						
416	X						
416Se	X						
420	X						
420F	X						
422	X						
431	X	X	X		X		
440A	X				X		
400B	X						
440C	X						
501							
502							
503							
504							
<b>Precipitation-Hardening Stainless Steel</b>							
PH 13-8 Mo	X	X			X	X	
15-5 PH	X	X	X		X	X	
17-4 PH	X	X	X		X	X	
17-7 PH	X	X	X		X	X	

An "X" notation above indicates that the specific type is considered resistant to the corrosive environment.