

Table 6
Relative Corrosion Resistance of AISI Stainless Steels (1)

TYPE Number	UNS Number	Mild Atmospheric and Fresh Water	Atmospheric		Chemical		
			Industrial	Marine	Mild	Oxidizing	Reducing
201	(S20100)	x	x	x	x	x	
202	(S20200)	x	x	x	x	x	
205	(S20500)	x	x	x	x	x	
301	(S30100)	x	x	x	x	x	
302	(S30200)	x	x	x	x	x	
302B	(S30215)	x	x	x	x	x	
303	(S30300)	x	x		x		
303 Se	(S30323)	x	x		x		
304	(S30400)	x	x	x	x	x	
304L	(S30403)	x	x	x	x	x	
	(S30430)	x	x	x	x	x	
304N	(S30451)	x	x	x	x	x	
305	(S30500)	x	x	x	x	x	
308	(S30800)	x	x	x	x	x	
309	(S30900)	x	x	x	x	x	
309S	(S30908)	x	x	x	x	x	
310	(S31000)	x	x	x	x	x	
310S	(S31008)	x	x	x	x	x	
314	(S31400)	x	x	x	x	x	
316	(S31600)	x	x	x	x	x	x
316F	(S31620)	x	x	x	x	x	x
316L	(S31603)	x	x	x	x	x	x
316N	(S31651)	x	x	x	x	x	x
317	(S31700)	x	x	x	x	x	x
317L	(S31703)	x	x	x	x	x	
321	(S32100)	x	x	x	x	x	
329	(S32900)	x	x	x	x	x	x
330	(N08330)	x	x	x	x	x	x
347	(S34700)	x	x	x	x	x	
348	(S34800)	x	x	x	x	x	
384	(S38400)	x	x	x	x	x	
403	(S40300)	x			x		
405	(S40500)	x			x		
409	(S40900)	x			x		
410	(S41000)	x			x		
414	(S41400)	x			x		
416	(S41600)	x					
416 Se	(S41623)	x					
420	(S42000)	x					
420F	(S42020)	x					
422	(S42200)	x					
429	(S42900)	x	x		x	x	
430	(S43000)	x	x		x	x	
430F	(S43020)	x	x		x		
430F Se	(S43023)	x	x		x		
431	(S43100)	x	x	x	x		
434	(S43400)	x	x	x	x	x	
436	(S43600)	x	x	x	x	x	
440A	(S44002)	x			x		
440B	(S44003)	x					
440C	(S44004)	x					
442	(S44200)	x	x		x	x	
446	(S44600)	x	x	x	x	x	
	(S13800)	x	x		x	x	
	(S15500)	x	x	x	x	x	
	(S17400)	x	x	x	x	x	
	(S17700)	x	x	x	x	x	

The "X" notations indicate that a specific stainless steel type may be considered as resistant to the corrosive environment categories. When selecting a stainless steel for any corrosive environment, it is always best to consult with a corrosion engineer and, if possible, conduct tests in the environment involved under actual operating conditions.

This list is suggested as a guideline only and does not suggest or imply a warranty on the part of the Specialty Steel Industry of the United States or any of the member com-