



A276/A276M – 24a

TABLE 2 Continued

UNS or Type	Condition	Finish	Diameter or Thickness, in. [mm]	Tensile Strength, min		Yield Strength, ^A min		Elonga- tion in 2 in. [50 mm] ^B or 4D min %	Reduc- tion of Area, ^{C, D} min, %	Brinell Hard- ness, HBW unless otherwise indicated, ^E max
				ksi	MPa	ksi	MPa			
304, 304N, 316, 316N 304L, 316L	S	cold-finished	over 1½ [38.10] to 1¾ [44.45]	95	655	45	310	28	45	...
			up to 2 [50.8] incl	95	650	75	515	25	40	...
			over 2 to 2½ [50.8 to 63.5] incl	90	620	65	450	30	40	...
			over 2½ to 3 [63.5 to 76.2] incl	80	550	55	380	30	40	...
XM-21, S30454, S31654	A	hot-finished or cold-finished	all	90	620	50	345	30	50	...
XM-21, S30454 S31654	B	cold-finished	up to 1 [25.40] incl	145	1000	125	860	15	45	...
			over 1 [25.40] to 1¼ [31.75]	135	930	115	795	16	45	...
			over 1¼ [31.75] to 1½ [38.10]	135	895	105	725	17	45	...
			over 1½ [38.10] to 1¾ [44.45]	125	860	100	690	18	45	...
S30815	A	hot-finished or cold-finished	all	87	600	45	310	40	50	...
S31010	A	hot-finished or cold-finished	all	87	600	45	310	40	50	...
S31051	A	hot-finished or cold-finished	all	110	760	75	515	40	50	330
S31051 [/]	B	cold-finished	all	55	380	40	50	...		
S31052	A	hot-finished or cold-finished	over 2 [50.8] to 12 [304.8] incl	150	1035	130	900	15	50	...
S31254	A	hot-finished or cold-finished	all	120	830	65	450	40	60	...
S31266	A	hot-finished or cold-finished	all	95	650	44	300	35	50	...
S31266	A	hot-finished or cold-finished	all	109	750	61	420	35
S31725	A	hot-finished or cold-finished	all	75	515	30	205	40
S31726	A	hot-finished or cold-finished	all	80	550	35	240	40
S31727	A	hot-finished or cold-finished	all	80	550	36	245	35	...	217
S31730	A	hot-finished or cold-finished	all	70	480	25	175	35	...	90 HRB
S32053	A	hot-finished or cold-finished	all	93	640	43	295	40	...	217
S32654	A	hot-finished or cold-finished	all	109	750	62	430	40	40	250
S35130	A	hot-finished or cold-finished	all	100	690	45	310	40	50	...
S35130 [/]	B	cold-finished	over 2 [50.8] to 12 [304.8] incl	140	970	120	830	15	50	...
Austenitic-Ferritic Grades										
XM-26	A	hot-finished or cold-finished	all	90	620	65	450	20	55	...
S31803	A	hot-finished or cold-finished	all	90	620	65	448	25	...	290
S32056	A	hot-finished or cold-finished	all	90	620	65	450	18	...	302
S32101	A	hot-finished or cold-finished	all	94	650	65	450	30	...	290
S32202	A	hot-finished or cold-finished	all	94	650	65	450	30	...	290
S32205	A	hot-finished or cold-finished	all	95	655	65	450	25	...	290
S32304	A	hot-finished or cold-finished	all	87	600	58	400	25	...	290
S32550	A	hot-finished or cold-finished	all	109	750	80	550	25	...	290
S32550	S	cold-finished	all	125	860	105	720	16	...	335
S32750	A	hot-finished or cold-finished	up to 2 [50.8] incl	116	800	80	550	15	...	310
			over 2 [50.8]	110	760	75	515	15	...	310