

S & S INTERNATIONAL INC

457 ST. PAUL BLVD CAROL STREAM, IL 60188

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Alloy	UNS #	Tensile Strength (ksi) min	Yield Strength (ksi) min	Elongation			Hardness	Temper
				< 0.015"	> 0.015" - < 0.030"	> 0.030"		
201	S20100	95	45	40	40	40	Skin Pass	1/16 Hard
301	S30100	90	45	40	40	40		
302	S30200	85	45	40	40	40		
304	S30400	80	45	35	35	35		
304L	S30403	80	45	40	40	40		
316	S31600	85	45	35	35	35		
316L	S31603	85	45	35	35	35		
201	S20100	100	55	45	45	45	RC 20 - 25	1 / 8 Hard
301	S30100	100	55	40	40	40		
302	S30200	100	55	35	35	35		
304	S30400	100	55	35	35	35		
304L	S30403	100	55	30	30	30		
316	S31600	100	55	30	30	30		
316L	S31603	100	55	35	25	25		
201	S20100	125	75	25	25	25	RC 25 - 30	1/4 Hard
301	S30100	125	75	25	25	25		
302	S30200	125	75	10	10	12		
304	S30400	125	75	10	10	12		
304L	S30403	125	75	8	8	10		
316	S31600	125	75	10	10	10		
316L	S31603	125	75	8	8	8		
201	S20100	150	110	15	18	18	RC 30 - 35	1/2 Hard
301	S30100	150	110	15	18	18		
302	S30200	150	110	9	10	10		
304	S30400	150	110	6	7	7		
304L	S30403	150	110	5	6	6		
316	S31600	150	110	6	7	7		
316L	S31603	150	110	5	6	6		
201	S20100	175	135	10	12	12	RC 35 - 40	3/4 Hard
301	S30100	175	135	10	12	12		
302	S30400	175	135	5	6	6		
201	S20100	185	140	8	9	9	RC 40 - 45	Full Hard
301	S30100	185	140	8	9	9		
302	S30400	185	140	3	4	4		

*all values have been referenced from ASTM A666 except for Hardness values which are for reference only