

Grade	Temper	Tensile Strength		Yield Strength	% Elong. Min.			Hardness
		Min. Mpa	Min. psi	Min. psi	<.015	≥.015- ≤.030	>.030	
301	Annealed	515	75,000	30,000	40	40	40	RB 95 Max
301	1/4 Hard	860	125,000	75,000	25	25	25	RC 25-30*
301	1/2 Hard	1,035	150,000	110,000	15	18	18	RC 30-35*
301	3/4 Hard	1,205	175,000	135,000	10	12	12	RC 35-40*
301	Full Hard	1,275	185,000	140,000	8	9	9	RC 40-45*
302	Annealed	515	75,000	30,000	40	40	40	RB 92 Max
302	1/4 Hard	860	125,000	75,000	25	25	25	RC 25-30*
302	1/2 Hard	1,035	150,000	110,000	9	10	10	RC 30-35*
302	3/4 Hard	1205	175,000	135,000	5	6	6	RC 35-40*
302	Full Hard	1,275	185,000	140,000	3	4	4	RC 40-45*
304	Annealed	515	75,000	30,000	40	40	40	RB 92 Max
304	1/4 Hard	860	125,000	75,000	10	10	12	RC 25-30*
304	1/2 Hard	1,035	150,000	110,000	6	7	7	RC 30-35*
304	3/4 Hard							RC 35-40*
304	Full Hard							RC 40-45*
316	Annealed	515	75,000	30,000	40	40	40	RB 95 Max
316	1/4 Hard	860	125,000	75,000	10	10	10	RC 25-30*
316	1/2 Hard	1,035	150,000	110,000	6	7	7	RC 30-35*

* These are industrially accepted standard ranges and are not specifically noted in the ASTM A666-23 specification.