

# S & S INTERNATIONAL INC

457 ST. PAUL BLVD CAROL STREAM, IL 60188

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Alloy	UNS Number	C		Mg		P		S		Si	Cr	Ni	Mb	N	Cu	Other Elements
			Tensile (KSI) min		Yield (KSI) min		Elong % (2"min)		Hardness Max							
201	S20100	0.1500		5.5 - 7.5		0.0600		0.0300		1.0000	16.0 - 18.0	3.5 - 5.5	----	0.2500	----	----
			75		38		40		RB 95							
301	S30100	0.1500		2.0000		0.0450		0.0300		1.0000	16.0 - 18.0	6.0 - 8.0	----	0.1000	----	----
			75		30		40		RB 95							
304	S30400	0.0800		2.0000		0.0450		0.0300		0.7500	18.0 - 20.0	8.0 - 10.5	----	0.1000	----	----
			75		30		40		RB 92							
304L	S30403	0.0300		2.0000		0.0450		0.0300		0.7500	18.0 - 20.0	8.0 - 12.0	----	0.1000	----	----
			70		25		40		RB 92							
305	S30500	0.1200		2.0000		0.0450		0.0300		0.7500	17.0 - 19.0	10.5 - 13.0	----	----	----	----
			70		25		40		RB 88							
309	S30900	0.2000		2.0000		0.0450		0.0300		0.7500	22.0 - 24.0	12.0 - 15.0	----	----	----	----
			75		30		40		RB 95							
310	S31000	0.2500		2.0000		0.0450		0.0300		0.7500	24.0 - 26.0	19.0 - 22.0	----	----	----	----
			75		30		40		RB 95							
316	S31600	0.0800		2.0000		0.0450		0.0300		0.7500	16.0 - 18.0	10.0 - 14.0	2.0 - 3.0	0.1000	----	----
			75		30		40		RB 95							
316L	S31603	0.0300		2.0000		0.0450		0.0300		0.7500	16.0 - 18.0	10.0 - 14.0	2.0 - 3.0	0.1000	----	----
			70		25		40		RB 95							
317	S31700	0.0800		2.0000		0.0450		0.0300		0.7500	18.0 - 20.0	11.0 - 15.0	3.0 - 4.0	0.1000		
			75		30		35		RB 95							
317L	S31703	0.0300		2.0000		0.0450		0.0300		0.7500	18.0 - 20.0	11.0 - 15.0	3.0 - 4.0	0.1000		
			75		30		40		RB 95							
321	S32100	0.0800		2.0000		0.0450		0.0300		0.7500	17.0 - 19.0	9.0 - 12.0	----	0.1000	----	Ti 5 x (C + N)
			75		30		40		RB 95							
347	S34700	0.0800		2.0000		0.0450		0.0300		0.7500	17.0 - 19.0	9.0 - 13.0	----	----	----	Cb 10 x C min
			75		30		40		RB 92							1.00 max

\*all values are maximum amounts unless a range has been specified

\*\*all values have been referenced from ASTM A167 and ASTM A240