

# 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	Al	Other Elements
		Tensile (KSI) min	Yield (KSI) min	Elong % (2"min)	Hardness Max							
409HP	S40930	0.0300	1.0000	0.0400	0.0200	1.0000	10.5 - 11.7	0.6000	----	0.0300	----	(Ti+Cb) =
		55	25	20	RB 88							.08 + 8(C+N) Min
410	S41000	.08 - .15	1.0000	0.0400	0.0300	1.0000	10.5 - 12.5	.30 - 1.00	----	0.0300	----	----
		65	30	20	RB 96							
430	S43000	0.1200	1.0000	0.0400	0.0300	1.0000	16.0 - 18.0	0.7500	----	----	----	----
		65	30	20	RB 89							
434	S43400	0.1200	1.0000	0.0400	0.0300	1.0000	16.0 - 18.0	----	0.75 - 1.25	----	----	----
		65	35	22	RB 89							
436	S43600	0.1200	1.0000	0.0400	0.0300	1.0000	16.0 - 18.0	----	0.75 - 1.25	----	----	Cb 5 x C min
		65	35	22	RB 89							0.80 max
439	S43036	0.0300	1.0000	0.0400	0.0300	1.0000	17.0 - 19.0	0.5000	----	0.0300	0.1500	Ti [0.20+4(C+N)
		60	30	22	RB 89							min, 0.75 max

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

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