

No	Material	C, max	Mn, max	P, max	S, max	Si, max	Cooper, min	Elongation, min (%)		Tensile		Yield, min	
		(%)	(%)	(%)	(%)	(%)	(%)	in 2"	in 8"	KSI	MPA	KSI	MPA
1	JIS SPHC	0.15	0.6	0.05	0.05	0.6	-	31					270
2	JIS SS400	0.12 - 0.22	0.6	0.05	0.05	0.3 - 0.7	-	17			400-510		245
3	ASTM A36	0.25	see A6	0.04	0.05	0.4	0.2	21	20	58-80	400-550	36	250
4	ASTM A283-C	0.24	0.9	0.035	0.04	0.4	0.2	25	22	55-75	380-515	30	205