



Mercer Metals - Technical Data - Seamless Alloy Aircraft Tubing

Grade	MIL-T Specification	AMS Specs	Quality	Condition Symbol Treatment		Mechanical Properties		
						Tensile	Yield	Elong in 2"
4130	MIL-T-6736*	-	Seamless Airframe	"A"	Annealed	95,000 max.	-	-
4130	MIL-T-6736*	6360	Seamless Airframe	"N"	Stress relieved or normalized	90,000 max.	70,000 min.	15%
4130	MIL-T-6736*	6361	Seamless Airframe	HT 125	Heat treated	125,000 min.	100,000 min.	12%
4130	MIL-T-6736*	6362	Seamless Airframe	HT 150	Heat treated	150,000 min.	135,000 min.	10%
4130	-	6371	Seamless Mechanical Magnaflux Quality	EF	Stress relieved for machinability	Not specified, but hardenable by thermal treatment for specified mechanical properties. Furnished cold drawn or hot finished as required.		
4135	MIL-T-6735	-	-	"A"	Annealed	100,000 max.	-	-
4135	MIL-T-6735	6365	-	"N"	Stress relieved or normalized	95,000 min.	80,000 min.	12%
4135	MIL-T-6735		Seamless Airframe	HT 125	Heat treated	125,000 min.	100,000 min.	12%
4135	MIL-T-6735		Magnaflux Quality	HT 150	Heat treated	150,000 min.	135,000 min.	10%
4135	MIL-T-6735			HT 180	Heat treated	180,000 min.	165,000 min.	8%
4135	MIL-T-6735			HT 200	Heat treated	200,000 min.	165,000 min.	7%
4135	-	6372	Seamless Mechanical Magnaflux Quality	EF	Stress relieved for machinability	Not specified, but hardenable by thermal treatment for specified mechanical properties. Furnished cold drawn or hot finished as required.		
4140	-	6381						
4337	-	6413						
4340	-	6415						

* Can Be Magnaflux If Required