

Table A-1 Basic Allowable Stresses in Tension for Metals (Cont'd)

Numbers in Parentheses Refer to Notes for [Appendix A](#) Tables; Specifications Are ASTM Unless Otherwise Indicated

Material	Spec. No.	Type/ Grade	UNS No.	Class/ Condition/ Temper	Size, in.	P-No. (5)	Notes	Min. Temp., °F (6)	Specified Min. Strength, ksi		Basic Allowable Stress, S, ksi, at Metal Temperature, °F [Notes (1), (4a)]		
									Tensile	Yield	Min. Temp. to 100	200	
Carbon Steel — Pipes and Tubes													
...	A53	B	K03005	...	...	1	(57) (59)	B	60	35	20.0	20.0
...	A106	B	K03006	...	...	1	(57)	B	60	35	20.0	20.0
...	A333	6	K03006	...	...	1	(57)	-50	60	35	20.0	20.0
...	A334	6	K03006	...	...	1	(57)	50	60	35	20.0	20.0