

Existing

Table 1.3b
Historical AISC Allowable Stresses (ksi) for Rivets – ASD*

AISC Spec. Year	Type of Rivet	Tension	Shear	Bearing
1928	A9	13.5	13.5	
1936	A141	15.0	15.0	32.0/40.0**
1949	A141	20.0	15.0	32.0/40.0**
1963	A141	20.0	15.0	1.35 F_y
	A195 & A406	27.0	20.0	1.35 F_y
1969	A502 Grade 1	20.0	15.0	1.35 F_y
	A502 Grade 2	27.0	20.0	1.35 F_y
1978	A502 Grade 1	23.0	17.5	1.50 F_u
	A502 Grade 2 or 3	29.0	22.0	1.50 F_u
1989	A502 Grade 1	23.0	17.5	1.20 F_u
	A502 Grade 2 or 3	29.0	22.0	1.20 F_u

* The allowable stress is based on the nominal body area before driving.
** Lower value for single shear, larger value for double shear.

Proposed

Table 1.3b
Historical AISC Allowable Stresses (ksi) for Rivets – ASD*

AISC Spec. Year	Type of Rivet	Tension	Shear	Bearing
1928	A9	13.5	13.5	
1936	A141	15.0	15.0	32.0/40.0**
1942	A141	15.0	17.0	32.0/40.0**
1946	A141	20.0	15.0	32.0/40.0**
1963	A141	20.0	15.0	1.35 F_y
	A195 & A406	27.0	20.0	1.35 F_y
1969	A502 Grade 1	20.0	15.0	1.35 F_y
	A502 Grade 2	27.0	20.0	1.35 F_y
1978	A502 Grade 1	23.0	17.5	1.50 F_u
	A502 Grade 2 or 3	29.0	22.0	1.50 F_u
1989	A502 Grade 1	23.0	17.5	1.20 F_u
	A502 Grade 2 or 3	29.0	22.0	1.20 F_u

* The allowable stress is based on the nominal body area before driving.
** Lower value for single shear, larger value for double shear.

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(SlideRuleEra)

Attach 2 of 4