

Grade of Steel	Minimum Tensile Strength, $F_U$ , (ksi)	Nominal Shear Resistance, $R_n$ , (kip) *					
		Anchor Bolts, threads included **			Threads excluded, or pintles included **		
		1 in.	1 1/8 in.	1 3/8 in.	1 in.	1 1/8 in.	1 3/8 in.
A307	60	17.9	22.7	33.9	17.9	22.7	33.9
A325 High Strength	120	35.8	n/a	n/a	45.2	n/a	n/a
	105	n/a	39.7	59.2	n/a	50.1	74.8

\* One shear plane is assumed. Multiply resistance value by number of shear planes.

\*\* Value should be multiplied by 0.80 for a connection longer than 50 in.

### NOMINAL SHEAR RESISTANCE OF ANCHOR BOLTS AND PINTLES

**Figure 67-4G**