For the 7075-T6 aluminum alloy

$$\frac{71 \text{ GPa}}{2.80} = 25.4 \text{ GPa}$$

For the cold worked C26000 brass

$$\frac{110 \text{ GPa}}{8.53} = 12.9 \text{ GPa}$$

For the extruded AZ31B magnesium alloy

$$\frac{45 \text{ GPa}}{1.77} = 25.4 \text{ GPa}$$

For the Ti-5Al-2.5Sn titanium alloy

$$\frac{110 \text{ GPa}}{4.48} = 24.6 \text{ GPa}$$