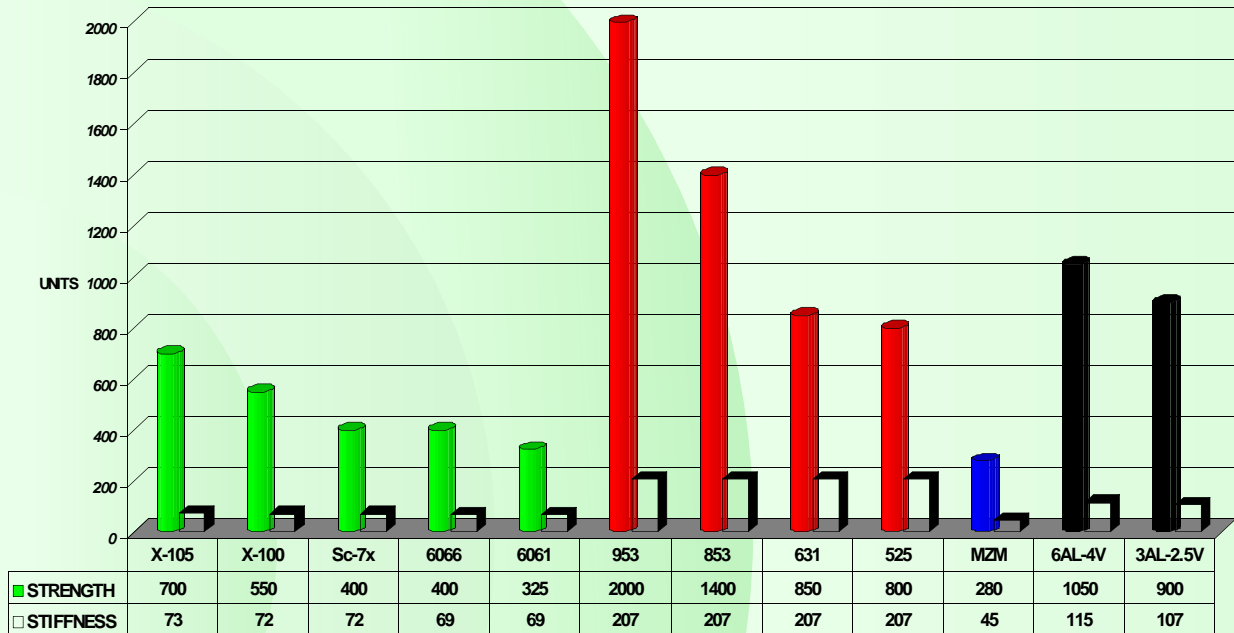




MATERIAL PROPERTIES

The graphs below show current Reynolds branded materials and how the strength and stiffness compare. The first graph shows mechanical properties and the second graph shows the comparison as ratios, allowing for the differences in density for each metal.

Strength (MPa) and Stiffness (GPa)



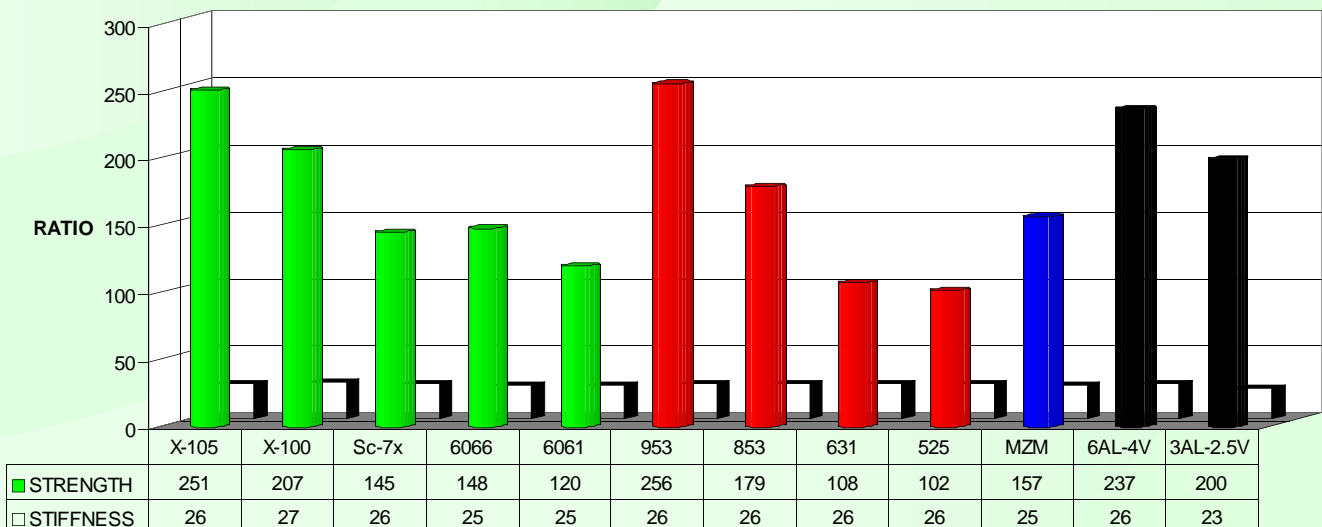
ALUMINIUM

STEEL

MAG. TITANIUM

SPECIFIC MATERIAL PROPERTIES - RATIOS

Strength-to-weight
Stiffness-to-weight



for MATERIALS shown in chart above