A36 Steel Angle

A36 Steel Angle is one of the most popular hot rolled, low carbon steel shapes used in manufacturing, fabrication, and repair projects. From trailers to truck beds, farm implements to construction equipment, steel angle has thousands of uses and applications. Its 90 degree angle shape adds strength and rigidity to any project for a lower price compared to other shapes and types of metal. It is easy to weld, cut, form and machine with the proper equipment and knowledge. Metals Depot stocks hundreds of sizes of steel angle that you can buy online in ready to ship precut or mill lengths or you can order just what you need custom cut to size in small or large quantity at wholesale prices.

**SPECIFICATIONS:** ASTM A36 Steel, Hot Rolled, Carbon Steel

**FINISH:** Blue / Gray, Slightly grainy

**MECHANICAL PROPERTIES**

Yield Point: 36,000 psi  
Tensile Strength: 58-80,000 psi  
Elongation = 23% in 2”  
Elasticity = 29,000 psi  
Brinell Hardness = 119-158  
Machinability Rate = 72%

**CHEMICAL PROPERTIES**

98% Iron, .25-.29% Carbon, .20% Copper, .04% max Silicon, .60 -.90% Manganese, .04% Phosphorous, .05% Sulfur

**TOLERANCES**

**AVAILABLE LENGTHS**

2’  4’  6’  8’  10’  20’  Custom Lengths

**HOW TO MEASURE:** Leg (A) X Leg (B) X Thickness (C) x Length