

HOT ROLLED STEEL ANGLE

There are many types of structural steel bars and shapes available, including angles, channels, and beams. These products meet ASTM A36, which is a standard specification for structural steel. They are commonly used in all forms of construction and building, as well as general purpose usage.

This is a mild carbon steel used in applications requiring fabrication, welding, bending and cold-forming.

Hot Rolled Structural Steel Chemical Analysis

C (max)	P (max)	S (max)
.26	.04	.05

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HR Steel angles are stocked in 20-foot random lengths in several sizes, generally with equal legs. Other sizes, including angles with unequal legs, channels, and beams may be available on request.

The best pricing is always when you order full lengths, which can be cut for economical shipping methods. AED also offers "cut-to-size" pieces.

Hot Rolled Structural Steel Typical Mechanical Properties:

Tensile Strength (psi)	58,000-80,000
Yield Strength (psi)	36,000 min
Elongation (% in 8") (Subject to reduction for thicknesses under 5/16" and over 3/4")	20 min

Note: "Typical Mechanical Properties" have been compiled from a variety of sources. Information is deemed reliable, but it is not guaranteed. This data is provided for information only, **NOT FOR DESIGN PURPOSES.**