



## **ASTM A36 CHANNEL**

ASTM A36 steel channel is hot-rolled, low carbon steel section with good properties including welding, machinability and ductility. ASTM A36 channel is one of the most widely used carbon steels in industry. As a result, it is one of the most popular structural steels. A36 steel is weldable, formable, and machinable.

### **ASTM A36 Channel Characteristics**

ASTM A36 is a hot-rolled, low-alloy carbon steel that exhibits good tensile strength. Its properties include ductility, ease of machinability and welding. As a result, it is one of the most popular structural steels.

### **ASTM A36 Channel Applications**

A36 carbon steel channel is used for a wide range of industrial applications, including Building or construction supporting components, truck and trailer frame supports, equipment and machinery frames and supports, building frames and Everyday uses like worktable.

### **A36 steel channel chemical composition**

<b>A36 steel channel chemical composition</b>						
<b>Steel grade</b>	<b>Styles</b>	<b>Carbon, max, %</b>	<b>Manganese, %</b>	<b>Phosphorus, max, %</b>	<b>Sulfur, max, %</b>	<b>Silicon, %</b>
A36	Steel shapes	0.26	--	0.04	0.05	≤0.40

NOTE: Copper content is available when your order is specified.

### **A36 steel channel mechanical property**

<b>A36 steel channel mechanical property</b>					
<b>Steel grade</b>	<b>Styles</b>	<b>Tensile strength, ksi [M Pa]</b>	<b>Yield point, min, ksi [M Pa]</b>	<b>Elongation in 8 in. [200 mm], min, %</b>	<b>Elongation in 2 in. [50 mm], min, %</b>
A36	Steel	58 - 80 [400 -	36 [250]	20	21



## SHANGHAI KATALOR ENTERPRISES CO., LTD.

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Shanghai katalor is the distributor and stockiest of ASTM A36 channel steel. If you want to buy ASTM A36 channel steel or get more information about it, please contact us by email [info@katalor.com](mailto:info@katalor.com) ,we will reply you as soon as possible!