

# U-Bolt - Round Bend / Square Bend



U-Bolts are employed to join, clamp, hold or secure products. They are commonly found in piping, tower, automotive, trailer and various other OEM applications.

U-Bolts are delivered without nuts or plates unless specified by the purchaser.

## Available U-Bolt Material

Specification	Yield
ASTM F1554 Gr 36	36 ksi minimum
ASTM F1554 Gr 55	55 ksi minimum
ASTM F1554 Gr 105	105 ksi minimum
ASTM A193 Gr B7 (to 2-1/2" dia.)	105 ksi minimum
ASTM A193 Gr B8 Class 1	30 ksi minimum
ASTM A193 Gr B8M Class 1	30 ksi minimum
ASTM A354 Gr BD (to 2-1/2" dia.)	130 ksi minimum
ASTM A449 (to 1" dia.)	92 ksi minimum
ASTM A449 (1 to 1-1/2" dia.)	81 ksi minimum
ASTM A108 - 1008/1010	low carbon steel
ASTM A36/A 36M	36 ksi minimum
ASTM A307 Gr A	low carbon steel
AISI 304 Stainless Steel	42 ksi minimum
AISI 316 Stainless Steel	42 ksi minimum

## Protective Coatings

Specification	Method of Deposit / Material
Plain	None
ASTM F2329	Hot Dip Galvanized Zinc
ASTM B695 CI 55	Mechanical Galvanized Zinc
ASTM B633-07 Type II SC 1	Electrodeposited Zinc Silver
ASTM B633-07 Type II SC 1	Electrodeposited Zinc Yellow
ASTM B696 Ty II CI 5	Mechanical Cadmium
ASTM B766 Ty II CI 5	Electrodeposited Cadmium

Products manufactured and inspected per Quality System ASME B18.18.4M

## Thread Pitch

Form / Fit / Direction	Type
UNC Class 2A / 2B	Cut or Roll Thread

## Available Nuts

Specification / Grade / Type	Proof Load
ASTM A563 Gr A Hex	90 ksi minimum
ASTM A563 Gr A Heavy Hex	90 ksi minimum
ASTM A563 Gr C Hex	144 ksi minimum
ASTM A563 Gr D Hex	150 ksi minimum
ASTM D563 Gr DH Heavy Hex	175 ksi minimum
ASTM A194 Gr 2H Heavy Hex	175 ksi minimum
ASTM A194 Gr 8 Heavy Hex	80 ksi minimum
ASTM A194 Gr 8M Heavy Hex	80 ksi minimum
AISI 304 Stainless Steel Hex	85 ksi minimum
AISI 316 Stainless Steel Hex	85 ksi minimum

## Ordering Information

**Manufactured Per Print**