

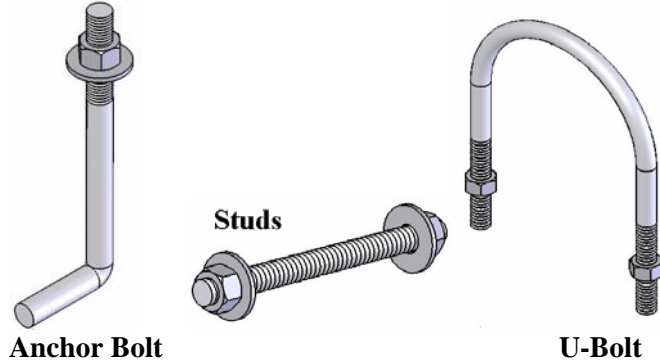


A307 / A36 ANCHOR BOLTS, STUDS & U-BOLTS

Low carbon steel 60,000 PSI

Chemical Requirements

- Carbon max 0.29
- Manganese max 0.90
- Phosphorous max 0.04
- Sulfur max 0.15



Mechanical Requirements

	<u><i>Anchor Bolts & U-Bolts</i></u>	<u><i>Studs</i></u>
• Hardness Brinel	-----	Min 121 Max 241
• Hardness Rockwell	-----	Min 69 Max 100
• Tensile strength (KSI)	Min 58 Max 80	Min 60 Max -----
• Elongation IN 2in (50mm)	Min 23	Min 18

- Hex Nuts ASTM A563 (ASME B18.2.2) Heavy Hex Nuts ASTM A563 (ASME B18.2.2)
- Washers ASTM F844-90
- Black Plain Zinc Plated Hot Dip Galv FlourKote #1

Dimensional Data

- Nonheaded Anchor bolts, either bent, straight or u-shaped having properties conforming to specification A307 studs and intended for structural anchoring purposes.
- Unless otherwise specified, threads shall be the coarse thread series, as specified in the latest issue of ANSI/ASME B1.1, page A-26. Having a class 2A tolerance.