

# STEELFREE® U-Bolts

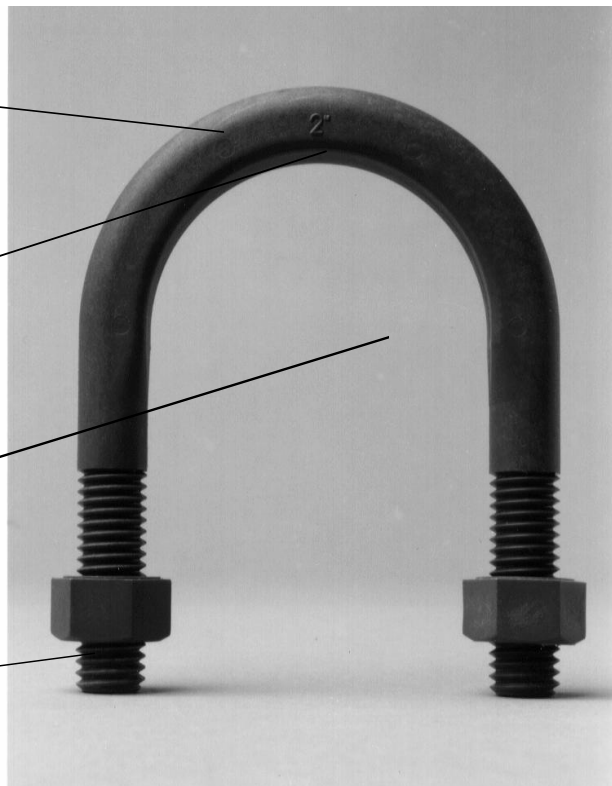
*Advanced Design Features make Steelfree™ U-Bolts  
Ideal for Demanding Applications:*

Made from a corrosion resistant, glass-reinforced polyurethane resin.

Flattened interior surface minimizes distortion of pipe after tightening.

Standard inside diameter can accommodate a wide variety of pipe and conduit.

Oversized bolt diameters provide excellent load carrying capabilities.



Steelfree U-Bolts are a dependable alternative for supporting piping and conduit in corrosive areas.

The U-Bolts are made from a fiberglass reinforced polyurethane. This engineering grade thermoplastic is extremely strong, corrosion resistant and non-conductive.

Steelfree U-Bolts have a molded-in flat interior area. The flat section evenly distributes the clamping force, reducing distortion of plastic pipe and coated piping surfaces.

***“It won’t rust if it’s Steelfree”***

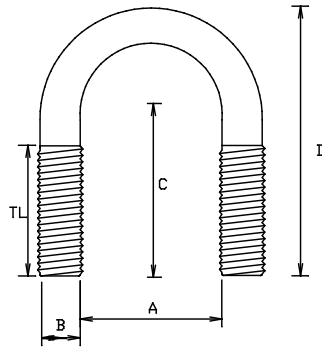
Steelfree U-Bolts feature oversized bolt diameters relative to their steel counterparts.

The larger diameters provide Steelfree U-Bolts with the strength to handle some of the most demanding applications.

Steelfree U-bolts are recommended for use in temperatures ranging from -40 degrees F. to 150 degrees F.

Each assembly comes complete with a u-bolt and two polyurethane nuts. Additional nuts and non-metallic washers are also available. Please refer to the reverse page for part numbers and technical data.

## Technical Data



Part Number	Pipe Nom. Diameter	Dimensions					Load Ratings	
		A	B	C	D	TL	Maximum Rec. Loading (lbs.)	Maximum Rec. Torque (in/lbs.)
U050	1/2"	0.93	0.375	1.56	2.41	1.25	75	20
U075	3/4"	1.12	0.375	1.66	2.60	1.25	75	20
U100	1"	1.37	0.375	1.78	2.85	1.25	75	20
U125	1 1/4"	1.68	0.375	1.94	3.16	1.25	75	20
U150	1 1/2"	2.00	0.375	2.10	3.47	1.25	75	20
U200	2"	2.43	0.500	2.46	4.18	1.50	150	40
U250	2 1/2"	2.93	0.500	2.71	4.68	1.50	150	40
U300	3"	3.56	0.500	3.03	5.31	1.50	150	40
U350	3 1/2"	4.06	0.500	3.28	5.81	1.50	150	40
U400	4"	4.56	0.500	3.53	6.31	1.50	150	40

### Chemical Resistance Table

Ammonia, concentrated	E	Heptane	E	Sodium Hydroxide, 20%	E
ASTM Fuel A	E	Hydrochloric Acid, 20%	E	Sulfuric Acid, 30%	E
Benzene	E	Hydrochloric Acid, concentrated	F	Sulfuric Acid, 70%	E
Boric Acid, solution	E	Hydrogen Peroxide, 3%	E	Sulfuric Acid, concentrated	P
Brake Fluid, Type A	F	Hydrogen Peroxide, 30%	E	Toluene	E
Calcium Chloride, saturated	E	Kerosene	E	Transmission Fluid	E
CLOROX bleach	E	Magnesium Chloride, saturated	E	1, 1, 1-Trichloroethane	F
Cottonseed Oil	E	Methylene Chloride	P	Tricresyl Phosphate	E
Cyclohexanone	P	Mineral Oil	E	Triethylamine	E
Dimethylformamide	P	Motor Oil, 10W40	E	Water, Distilled	E
Ethanol, 50%	E	Nitric Acid, 40%	G	Water, Sea	E
Ethanol, 95%	F	Sodium Chloride, 10%	E	Zinc Chloride, 50%	E

**LEGEND: E=Excellent, G=Good, F=Fair, P=Poor**

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