

STEP-KO
PRODUCTS

PROTECTING ASSETS FROM THE ENVIRONMENT



AssureaKote™ COATED U-BOLT

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Overview

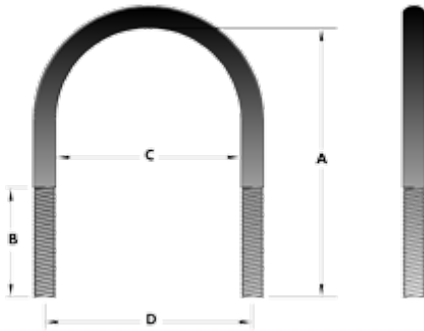
The AssureaKote™ coated u-bolt is versatile and can be used in many industries including but not limited to: pipelines, refineries, chemical plants, offshore platform, rigs, paper mills, and marine applications. Step-Ko Products keeps a wide variety of sizes of AssureaKote™ u-bolts in stock for immediate shipment in standardized box quantities.

Benefits

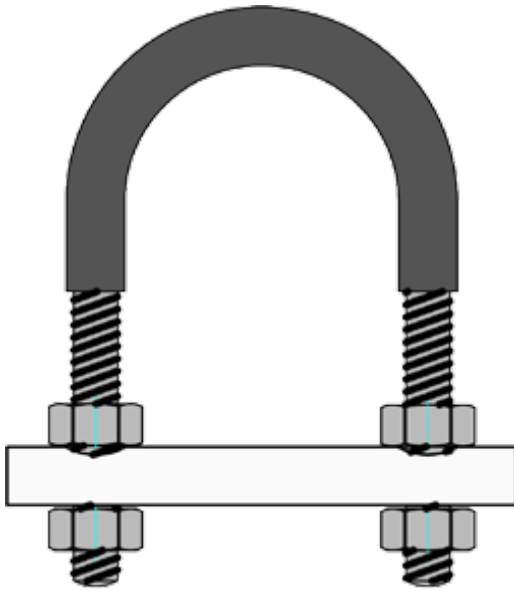
All the AssureaKote™ u-bolts in sizes 24" and below are packaged in a strong durable poly bag with the u-bolt, 4 nuts and a rubber pad for easy application in the field, eliminating the removal of the nuts from the u-bolt before applying to the piping, therefore eliminating unneeded labor time.

Features

Step-Ko Products' AssureaKote™ coating technology is a special proprietary coating that has superior temperature and physical properties when applied to various types of u-bolts. The AssureaKote™ coating provides excellent protection from corrosion by preventing metal to metal contact between the u-bolt and piping.



Nominal Pipe Size	Bolt Stock OD	U-Bolt Height "A"	Thread Length "B"	Inside Gap "C"	Leg Center "D"	Box Quantity
1"	1/4"	3 7/16"	2 3/8"	1 3/8"	1 5/8"	100 p/Box
1"	3/8"	3 7/16"	2 3/8"	1 3/8"	1 3/4"	100 p/Box
1-1/2"	3/8"	4"	2 1/2"	2"	2 3/8"	100 p/Box
2"	3/8"	4 1/2"	2 1/2"	2 7/16"	2 13/16"	100 p/Box
3"	1/2"	5 13/16"	3"	3 9/16"	4 1/16"	50 p/Box
4"	1/2"	6 13/16"	3"	4 9/16"	5 1/16"	50 p/Box
6"	5/8"	9 1/2"	3 3/4"	6 3/4"	7 3/8"	20 p/Box
8"	5/8"	11 1/2"	3 3/4"	8 3/4"	9 3/8"	15 p/Box
10"	3/4"	13 13/16"	4"	10 7/8"	11 5/8"	15 p/Box
12"	7/8"	16 1/16"	4 1/4"	12 7/8"	13 3/4"	10 p/Box
14"	7/8"	17 5/16"	4 1/4"	14 1/8"	15"	Available On Request
16"	7/8"	19 5/16"	4 1/4"	16 1/8"	17"	Available On Request
18"	1"	21 11/16"	4 3/4"	18 1/8"	19 1/8"	Available On Request
20"	1"	23 11/16"	4 3/4"	20 1/8"	21 1/8"	Available On Request
24"	1"	27 11/16"	4 3/4"	24 1/8"	25 1/8"	Available On Request
30"	1"	33 11/16"	4 3/4"	30 1/8"	31 1/8"	Available On Request
36"	1"	39 11/16"	4 3/4"	36 1/8"	37 1/8"	Available On Request



AssureaPad™



TECHNICAL SPECIFICATIONS

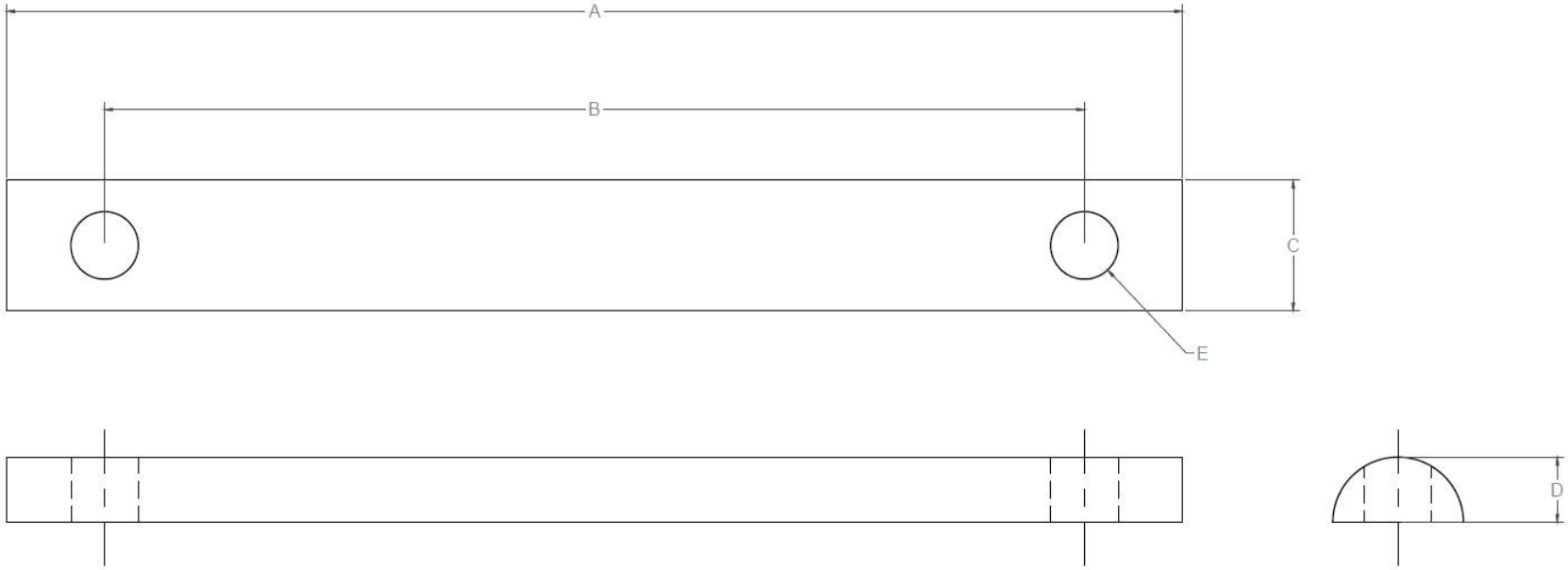
Properties	Value	Standard
Physical		
Tensile Strength	2900 psi min. (19.9N/mm ²)	ASTM D638
Ultimate Elongation	350% min.	ASTM D638
Density	1.24 +/- .2 gm/cm ³	ASTM D792
Durometer	92 +/-2 Shore A / 36 +/-2 Shore D	ASTM D2240
Tear Strength	470 pli min	ASTM D638
Water Absorption	0.236% Average / 0.264% Max	ASTM D570-98
Thermal		
Heat Age	120°C for 500 Hours No Cracking	ASTM D2671
Aged Tensile	3639 psi (25 N/mm ²)	ASTM D638
Aged Elongation	300%	ASTM D638
Low Temperature Flexibility	4Hrs @ -40° C No Cracking	ASTM 2671-13
Electrical		
Dielectric Strength	490 V/mil min. (19 KV/mm Min.)	ASTM D149
Volume Resistivity	5.55x 10 ¹⁰ Ohm*cm	ASTM D257-14
Dielectric Constant	0.72728 Average @ 20 Hz	ASTM D150-11
	0.08100 Average @ 500 Hz	ASTM D150-11

*Step-Ko's Flange Isolation Gasket kits are manufactured according to the AMPP (NACE) SP0286-2007 Standard to meet customer requirements to fit flange dimensions of ANSI, AWWA, MSS SP-44, B.S. 10, DIN2633, etc.

Step-Ko Coated U-bolt Advantages

- Step-Ko Products stocks hot dipped galvanized figure 137 long tangent u-bolts with AssureaKote™ and without AssureaKote™.
- AssureaKote™ u-bolt is packaged with 4 nuts and a neoprene u-bolt pad.
- Step-Ko Products also has Stainless Steel, Electro Plated Galvanized, Teflon coated or Xylan Coated u-bolts available upon request.

AssureaPad Dimensions



ASSUREAPAD					
SIZE	A	B	C	D	E
1/4" X 1/2"	2.7500	1 3/16	1	7/16	0.3750
1/4" X 3/4"	2.7500	1 3/8	1	7/16	0.3750
1/4" X 1"	2.7500	1 5/8	1	7/16	0.3750
3/8" X 1"	2.7500	1 5/8	1	7/16	0.5000
3/8" X 1-1/4"	3.2500	2 1/8	1	7/16	0.5000
3/8" X 1-1/2"	3.8750	2 3/8	1	7/16	0.5000
3/8" X 2"	4.3750	2 7/8	1	7/16	0.5000
1/2" X 2-1/2"	5.5000	3 1/2	1	7/16	0.6250
1/2" X 3"	5.8750	4 1/8	1	7/16	0.6250
1/2" X 4"	7.0000	5 1/8	1	7/16	0.6250
1/2" X 5"	8.0000	6 1/8	1	7/16	0.6250
5/8" X 6"	9.6250	7 3/8	1 1/4	7/16	0.7500
5/8" X 8"	11.7500	9 3/8	1 1/4	7/16	0.7500
3/4" X 10"	14.2500	11 5/8	1 1/2	11/16	0.8750
7/8" X 12"	16.7500	13 3/4	1 1/2	11/16	1
7/8" X 14"	18	15	1 1/2	11/16	1
7/8" X 16"	20	17	1 1/2	11/16	1
1" X 18"	22	19 1/8	1 1/2	11/16	1.1250
1" X 20"	24.1250	21 1/8	1 1/2	11/16	1.1250
1" X 24"	28.2500	25 1/8	1 1/2	11/16	1.1250
1" X 30"	34.7500	31 1/8	1 1/2	11/16	1.1250
1" X 36"	41	37 1/8	1 1/2	11/16	1.1250

STEP-KO **PRODUCTS**

PROTECTING ASSETS FROM THE ENVIRONMENT

Other Product Offerings:

Flange Insulation Gasket Kits

Flange Protectors

Nut & Bolt Protectors

Heat Shrink Sleeves & Tapes

Solutions For Sealing Pipelines From Corrosion

Pipeline Pigs

Pipeline Markers & Test Stations

Insulated Enclosures/Buildings

Anodes

Distributor/Representative

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