

# SPRING · ALIGN



## SPRING · ALIGN

OF PALATINE  
2312 RAND ROAD PALATINE, IL  
LAKE COOK & RAND ROAD  
(847) 934-1525

[www.spring-align.com](http://www.spring-align.com)

## SERVICE · SPRING

16 EAST LAKE ST. NORTHLAKE, IL  
LAKE & WOLF ROAD  
(708) 345-7200

## SOUTHWEST · SPRING

3863 W. COLUMBUS AVE. CHICAGO, IL  
(8500 SO., 1 BLOCK EAST OF PULASKI)  
(773) 767-5100

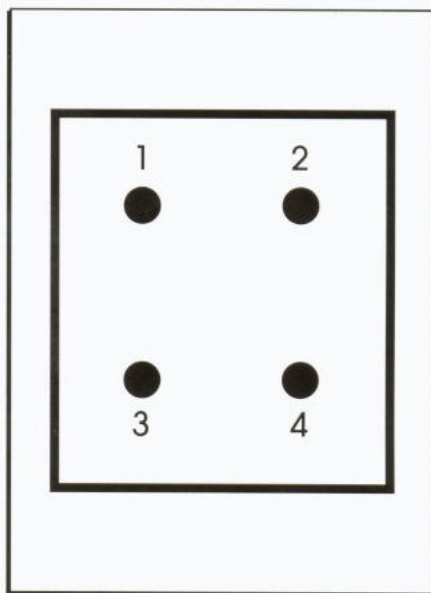
## U-Bolt Torque Guide

### Recommended U-Bolt Torque For Cold-Formed U-Bolts

Size	Material Grade	Max. Torque Ft. Lbs. Plated	Max. Torque Ft.-Lbs. Unplated
3/8 - 24	5	21	26
7/16 - 20	5	33	44
1/2 - 20	5	52	70
1/2 - 20	8	64	87
9/16 - 18	5	75	100
9/16 - 18	8	93	124
5/8 - 18	5	107	143
5/8 - 18	8	132	177
3/4 - 16	5	190	253
3/4 - 16	8	234	313
7/8 - 14	5	304	405
7/8 - 14	8	375	500
1 - 14	8	758	1010
1-1/8 - 12	8	848	1131
1-1/4 - 12	8	1163	1551

- U-Bolts that have been torqued to a set preload are recommended to be re-torqued after a short time to take-up the stretch in the set of the material.
- U-Bolts that have been well lubricated with an anti-seize compound will have a torque range between plated and unplated values.
- All the above values are general guidelines. The OEM Service Manual on specific models always takes precedence over values shown.

### U-Bolt Torque Pattern Visual Aid



U-Bolts must be tightened and torqued using a cross pattern sequence.

Tighten #1 then #4 to partial torque then partial torque #2 and #3.

Using the same sequence fully torque U-Bolt Nuts.

## DO NOT RE-USE U-BOLTS