

# #1 Norway Elevator Bolts

BETTER BY DESIGN

## #1 Norway Elevator Bolts

### Zinc Plated Steel / 302 Stainless Steel

#### APPLICATION

Used for fastening both plastic and metal elevator buckets.

#### OVERVIEW

#1 Norway elevator bolts are the most common style used in the U.S. grain industry. The square shoulder under the flat head of the Norway bolt helps prevent spinning during installation (square peg in a round hole principle). 4B #1 Norway bolts meet or exceed Grade 2 standards for load, yield and tensile strength.

#### FEATURES

- ▶ Most Common Style in the U.S. Grain Industry
- ▶ Square Shoulder Design Resists Spinning
- ▶ Large Bolt Head Diameter Resists Belt Pull Through
- ▶ Suitable for Recessed and Flat Back Elevator Bolt Holes

#### HARDWARE

- ▶ Nuts, Washers & Spacers



## FREE

Elevator & Conveyor Engineering Design Service

Take advantage of 4B's free, guaranteed worldwide technical support service from a team of material handling engineers specializing in the design and upgrade of bucket elevators and conveyors.

Whether you want a new elevator design, or just want to increase the capacity and performance of your existing elevator, our engineers can help.

# #1 Norway Elevator Bolts

BETTER BY DESIGN



#1 Norway Bolt  
Installation  
Shown on Plastic  
Elevator Bucket

## Plastic Buckets:

- Hex Nut
- Split Ring Lock Washer
- Fender Washer
- Bucket
- Belt
- Bolt



## Metal Buckets:

- Hex Nut
- Split Ring Lock Washer
- Flat Washer
- Bucket
- Belt
- Bolt



## TECHNICAL SPECIFICATIONS

### #1 Norway Elevator Bucket Bolts

Size (in)	Zinc Plated Steel Part #	302 Stainless Part #	Head Diameter Ø (in.)	Squared Shoulder Height (in.)	Max. Torque (ft. lbs.)	Package Quantity
1/4 x 1	NWY-1/4X1	NWY-1/4X1-302S	1	7/32	6	100
1/4 x 1-1/4	NWY-1/4X1.1/4	NWY-1/4X1.1/4-302S	1	7/32	6	100
1/4 x 1-1/2	NWY-1/4X1.1/2	NWY-1/4X1.1/2-302S	1	7/32	6	100
1/4 x 2	NWY-1/4X2	NWY-1/4X2-302S	1	7/32	6	100
5/16 x 1	NWY-5/16X1	NWY-5/16X1-302S	1-3/16	1/4	13	100
5/16 x 1-1/4	NWY-5/16X1.1/4	NWY-5/16X1.1/4-302S	1-3/16	1/4	13	100
5/16 x 1-1/2	NWY-5/16X1.1/2	NWY-5/16X1.1/2-302S	1-3/16	1/4	13	100
5/16 x 1-3/4	NWY-5/16X1.3/4	NWY-5/16X1.3/4-302S	1-3/16	1/4	13	100
5/16 x 2	NWY-5/16X2	NWY-5/16X2-302S	1-3/16	1/4	13	100
5/16 x 2-1/4	NWY-5/16X2.1/4	NWY-5/16X2.1/4-302S	1-3/16	1/4	13	100
5/16 x 2-1/2	NWY-5/16X2.1/2	NWY-5/16X2.1/2-302S	1-3/16	1/4	13	100
3/8 x 1	NWY-3/8X1	NWY-3/8X1-302S	1-1/4	1/4	23	100
3/8 x 1-1/4	NWY-3/8X1.1/4	NWY-3/8X1.1/4-302S	1-1/4	1/4	23	100
3/8 x 1-1/2	NWY-3/8X1.1/2	NWY-3/8X1.1/2-302S	1-1/4	1/4	23	100
3/8 x 1-3/4	NWY-3/8X1.3/4	NWY-3/8X1.3/4-302S*	1-1/4	1/4	23	100
3/8 x 2	NWY-3/8X2	NWY-3/8X2-302S	1-1/4	1/4	23	100

\* Non-Stocking Size - Special Order

- Installed Bolt Torque Rating Dependent on Bucket & Belt Size

- Nylon Insert Lock Nuts NOT Recommended for #1 Norway Bolts

Information subject to change or correction. Oct 2015