



## Carriage Bolt with Nut and Washer, Pan Head - Zinc

### Bolt Diameter/Size

1/2 in	1/4 in	3/8 in	5/16 in
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### Thread Count (Pitch/TPI)

13	16	18	20
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### Length

3/4 in	1 in	1 1/4 in	1 1/2 in	1 3/4 in
2 in	2 1/2 in	3 in	3 1/2 in	4 in
4 1/2 in	5 in	5 1/2 in	6 in	7 in
8 in	10 in	12 in		

### Corner-to-Corner Head Dimensions

0.563 to 0.594 in	0.688 to 0.719 in	0.782 to 0.844 in	1.032 to 1.094 in
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### Thread

Full thread	Partial thread
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### Packaging format

Blister of 2 units	Bag of 2 units	Blister of 3 units	Blister of 4 units	Blister of 5 units
Blister of 6 units	Blister of 7 units	Blister of 8 units		

## DESCRIPTION

These round head carriage bolts are made of zinc-plated steel. This type of bolt is primarily used with wood. The square that is found under their head pulls into the wood as the nut is tightened. Their zinc plating grants them a moderate protection against corrosion.

## AVAILABLE PRODUCTS

Product #	Bolt Diameter/Size	Thread Count (Pitch/TPI)	Length	Corner-to-Corner Head Dimensions	Thread	Packaging format
<b>CBZ12112B</b>	1/2 in	13	1 1/2 in	1.032 to 1.094 in	Full thread	Blister of 2 units
<b>CBZ122B</b>	1/2 in	13	2 in	1.032 to 1.094 in	Full thread	Blister of 2 units

Product #	Bolt Diameter/Size	Thread Count (Pitch/TPI)	Length	Corner-to-Corner Head Dimensions	Thread	Packaging format
<b>CBZ12212B</b>	1/2 in	13	2 1/2 in	1.032 to 1.094 in	Full thread	Blister of 2 units
<b>CBZ123B</b>	1/2 in	13	3 in	1.032 to 1.094 in	Full thread	Blister of 2 units
<b>CBZ12312B</b>	1/2 in	13	3 1/2 in	1.032 to 1.094 in	Full thread	Blister of 2 units
<b>CBZ124B</b>	1/2 in	13	4 in	1.032 to 1.094 in	Full thread	Blister of 2 units
<b>CBZ12412B</b>	1/2 in	13	4 1/2 in	1.032 to 1.094 in	Full thread	Blister of 2 units
<b>CBZ125B</b>	1/2 in	13	5 in	1.032 to 1.094 in	Full thread	Blister of 2 units
<b>CBZ126B</b>	1/2 in	13	6 in	1.032 to 1.094 in	Full thread	Blister of 2 units
<b>CBZ127B</b>	1/2 in	13	7 in	1.032 to 1.094 in	Partial thread	Bag of 2 units
<b>CBZ128B</b>	1/2 in	13	8 in	1.032 to 1.094 in	Partial thread	Bag of 2 units
<b>CBZ1210B</b>	1/2 in	13	10 in	1.032 to 1.094 in	Partial thread	Bag of 2 units
<b>CBZ1212B</b>	1/2 in	13	12 in	1.032 to 1.094 in	Partial thread	Bag of 2 units
<b>CBZ1434B</b>	1/4 in	20	3/4 in	0.563 to 0.594 in	Full thread	Blister of 8 units
<b>CBZ141B</b>	1/4 in	20	1 in	0.563 to 0.594 in	Full thread	Blister of 8 units
<b>CBZ14114B</b>	1/4 in	20	1 1/4 in	0.563 to 0.594 in	Full thread	Blister of 8 units
<b>CBZ14112B</b>	1/4 in	20	1 1/2 in	0.563 to 0.594 in	Full thread	Blister of 8 units
<b>CBZ14134B</b>	1/4 in	20	1 3/4 in	0.563 to 0.594 in	Full thread	Blister of 7 units
<b>CBZ142B</b>	1/4 in	20	2 in	0.563 to 0.594 in	Full thread	Blister of 7 units
<b>CBZ14212B</b>	1/4 in	20	2 1/2 in	0.563 to 0.594 in	Full thread	Blister of 6 units
<b>CBZ143B</b>	1/4 in	20	3 in	0.563 to 0.594 in	Full thread	Blister of 6 units
<b>CBZ14312B</b>	1/4 in	20	3 1/2 in	0.563 to 0.594 in	Full thread	Blister of 5 units
<b>CBZ144B</b>	1/4 in	20	4 in	0.563 to 0.594 in	Full thread	Blister of 5 units
<b>CBZ14412B</b>	1/4 in	20	4 1/2 in	0.563 to 0.594 in	Full thread	Blister of 4 units
<b>CBZ145B</b>	1/4 in	20	5 in	0.563 to 0.594 in	Full thread	Blister of 4 units
<b>CBZ14512B</b>	1/4 in	20	5 1/2 in	0.563 to 0.594 in	Full thread	Blister of 4 units
<b>CBZ146B</b>	1/4 in	20	6 in	0.563 to 0.594 in	Full thread	Blister of 4 units
<b>CBZ381B</b>	3/8 in	16	1 in	0.782 to 0.844 in	Full thread	Blister of 4 units
<b>CBZ38112B</b>	3/8 in	16	1 1/2 in	0.782 to 0.844 in	Full thread	Blister of 4 units
<b>CBZ382B</b>	3/8 in	16	2 in	0.782 to 0.844 in	Full thread	Blister of 4 units
<b>CBZ38212B</b>	3/8 in	16	2 1/2 in	0.782 to 0.844 in	Full thread	Blister of 4 units
<b>CBZ383B</b>	3/8 in	16	3 in	0.782 to 0.844 in	Full thread	Blister of 4 units

Product #	Bolt Diameter/Size	Thread Count (Pitch/TPI)	Length	Corner-to-Corner Head Dimensions	Thread	Packaging format
<b>CBZ38312B</b>	3/8 in	16	3 1/2 in	0.782 to 0.844 in	Full thread	Blister of 4 units
<b>CBZ384B</b>	3/8 in	16	4 in	0.782 to 0.844 in	Full thread	Blister of 3 units
<b>CBZ38412B</b>	3/8 in	16	4 1/2 in	0.782 to 0.844 in	Full thread	Blister of 3 units
<b>CBZ385B</b>	3/8 in	16	5 in	0.782 to 0.844 in	Full thread	Blister of 3 units
<b>CBZ38512B</b>	3/8 in	16	5 1/2 in	0.782 to 0.844 in	Full thread	Blister of 3 units
<b>CBZ386B</b>	3/8 in	16	6 in	0.782 to 0.844 in	Full thread	Blister of 2 units
<b>CBZ387B</b>	3/8 in	16	7 in	0.782 to 0.844 in	Partial thread	Bag of 2 units
<b>CBZ388B</b>	3/8 in	16	8 in	0.782 to 0.844 in	Partial thread	Bag of 2 units
<b>CBZ3810B</b>	3/8 in	16	10 in	0.782 to 0.844 in	Partial thread	Bag of 2 units
<b>CBZ3812B</b>	3/8 in	16	12 in	0.782 to 0.844 in	Partial thread	Bag of 2 units
<b>CBZ51634B</b>	5/16 in	18	3/4 in	0.688 to 0.719 in	Full thread	Blister of 5 units
<b>CBZ5161B</b>	5/16 in	18	1 in	0.688 to 0.719 in	Full thread	Blister of 5 units
<b>CBZ516114B</b>	5/16 in	18	1 1/4 in	0.688 to 0.719 in	Full thread	Blister of 5 units
<b>CBZ516112B</b>	5/16 in	18	1 1/2 in	0.688 to 0.719 in	Full thread	Blister of 5 units
<b>CBZ5162B</b>	5/16 in	18	2 in	0.688 to 0.719 in	Full thread	Blister of 5 units
<b>CBZ516212B</b>	5/16 in	18	2 1/2 in	0.688 to 0.719 in	Full thread	Blister of 5 units
<b>CBZ5163B</b>	5/16 in	18	3 in	0.688 to 0.719 in	Full thread	Blister of 5 units
<b>CBZ516312B</b>	5/16 in	18	3 1/2 in	0.688 to 0.719 in	Full thread	Blister of 4 units
<b>CBZ5164B</b>	5/16 in	18	4 in	0.688 to 0.719 in	Full thread	Blister of 4 units
<b>CBZ516412B</b>	5/16 in	18	4 1/2 in	0.688 to 0.719 in	Full thread	Blister of 3 units
<b>CBZ5165B</b>	5/16 in	18	5 in	0.688 to 0.719 in	Full thread	Blister of 3 units
<b>CBZ5166B</b>	5/16 in	20	6 in	0.688 to 0.719 in	Full thread	Blister of 3 units

## TECHNICAL SPECIFICATIONS

Type of Bolts	Carriage
Material	Steel
Steel Grade	ASTM A307
Head	Round
Type of Point	Blunt
Thread Type	Coarse
Finish	Zinc
Brand	Reliable
Standards and Certifications	ASTM A307
Included Products	Nuts and Flat Washers
Specific Application	Structure Assembly

## INCLUDED PRODUCT(S)

\*Nuts and washers included

## PRODUCT PHOTOS

