



# PLOW BOLTS



## **WHEN FAILURE IS NOT AN OPTION**

- Out-Performs the Competition
- Unsurpassed Product Quality
- Recognizable Around the world

## **PRODUCT SPECIFICATIONS**

- 100% Made in the USA Holo-Krome Quality
- Formed on precision high speed cold-formers
- SAE J429 specification
- Full Traceability

## **GANG PLOWS, ROAD GRATERS, SCOOP SHOVELS, FARM & ROAD CONSTRUCTION MACHINES**

- Gang Plows
- Road Graters
- Scoop Shovels

## **CELEBRATING 90 YEARS OF QUALITY**

HOLO-KROME® has been at the forefront of fastener innovation since our founding in 1929. Over the years, we've pioneered cold-forging techniques that result in products virtually free of bursts, cracks, tears and fractures, offering superior holding strength and fatigue resistance.



# PLOW BOLTS

Plow bolts are typically used to attach the plow share (blade) to the frog (frame) and allow earth to pass over their heads without obstruction to the moldboard. They are also used to fasten the blade to bulldozers and motor graders. Plow bolts have a small round countersunk head and a square neck—the width of the square (measured across the flats) is the same size as the nominal diameter of the bolt. The top of the head can be flat (for plows) or dome (convex) shaped (for dozers/ graders); the conical (tapered) bearing surface of a plow bolt is 80°.

No. 3 Plow Bolts are a domed countersunk head with a square neck to prevent rotation. No. 7 Plow Bolts are a little more uncommon, but have a flat, countersunk head with a single “tooth” to prevent rotation.

The most common grades, materials and finishes are as follows: Grade 5, steel, zinc plated, and Grade 8, steel, yellow zinc plated.

**Quarter key packaging available upon request.**

Part No	Description				
		1122689	5/8"-11 x 3" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22683	5/8"-11 x 1-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144062	3/8"-16 x 1-1/4" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	1122705	3/4"-10 x 2" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22710	3/4"-10 x 3-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144063	3/8"-16 x 1-1/2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	1122706	3/4"-10 x 2-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22791	3/4"-10 x 3-1/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt
0144061	3/8"-16 x 1" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	1122707	3/4"-10 x 2-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22688	5/8"-11 x 2-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22602	3/8"-16 x 1-1/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22687	5/8"-11 x 2-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22711	3/4"-10 x 3-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144065	3/8"-16 x 2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22772	5/8"-11 x 2-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22792	3/4"-10 x 3-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt
0144066	3/8"-16 x 2-1/2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	1122709	3/4"-10 x 3" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22690	5/8"-11 x 3-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144067	7/16"-14 x 1-1/4" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	11496043	3/4"-10 x 3-1/2" Grade 5 Plain Finish Partial Thread No.3 Head Plow Bolt	22712	3/4"-10 x 3-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144068	7/16"-14 x 1-1/2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22689	5/8"-11 x 3" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22793	3/4"-10 x 3-3/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt
0144069	7/16"-14 x 1-3/4" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22776	5/8"-11 x 3" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22692	5/8"-11 x 3-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144070	7/16"-14 x 2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	11624410	5/8"-11x1-1/4" Yellow Zinc Plow Bolt	22794	3/4"-10 x 4" Grade 8 Plain Finish #3 Flat Head Plow Bolt
0144072	7/16"-14 x 2-1/2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22691	5/8"-11 x 3-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22713	3/4"-10 x 4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144073	7/16"-14 x 3" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22778	5/8"-11 x 3-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22693	5/8"-11 x 4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144075	1/2"-13 x 1-1/2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	11624419	5/8"-11 X 1 1/2" Grade 5 Yellow Zinc Plow Bolt	22694	5/8"-11 x 4-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144076	1/2"-13 x 1-3/4" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	11624426	5/8"-11 X 1 3/4" Grade 5 Yellow Zinc Plow Bolt	22704	3/4"-10 x 1-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144077	1/2"-13 x 2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	11624487	5/8"-11x2" Grade 5 Yellow Zinc Plow Bolt	22705	3/4"-10 x 2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144079	1/2"-13 x 2-1/2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22601	3/8"-16 x 1" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22714	3/4"-10 x 4-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144080	1/2"-13 x 3" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22603	3/8"-16 x 1-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22715	3/4"-10 x 5" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144082	5/8"-11 x 1-1/2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22604	3/8"-16 x 1-3/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22717	3/4"-10 x 6" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144083	5/8"-11 x 2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22605	3/8"-16 x 2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22727	7/8"-9 x 2-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144119	1/2"-13 x 1-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22780	5/8"-11 x 4" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22725	7/8"-9 x 2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22623	7/16"-14 x 1-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22607	3/8"-16 x 2-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22726	7/8"-9 x 2-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22624	7/16"-14 x 1-3/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22609	3/8"-16 x 3" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22731	7/8"-9 x 3-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168479	7/16"-14 x 3-1/2" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22695	5/8"-11 x 5" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22728	7/8"-9 x 2-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168481	1/2"-13 x 2-3/4" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22621	7/16"-14 x 1" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22733	7/8"-9 x 4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168485	1/2"-13 x 1-1/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22622	7/16"-14 x 1-1/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22729	7/8"-9 x 3" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168486	1/2"-13 x 1-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22625	7/16"-14 x 2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22734	7/8"-9 x 4-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168487	1/2"-13 x 1-3/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22626	7/16"-14 x 2-1/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22730	7/8"-9 x 3-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168489	1/2"-13 x 2-1/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22627	7/16"-14 x 2-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22736	7/8"-9 x 5-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168491	1/2"-13 x 2-3/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22628	7/16"-14 x 2-3/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22737	7/8"-9 x 6" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168493	1/2"-13 x 3-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22629	7/16"-14 x 3" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22753	1"-8 x 4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168494	1/2"-13 x 4" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22631	7/16"-14 x 3-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22754	1"-8 x 4-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22643	1/2"-13 x 1-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22633	7/16"-14 x 4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22755	1"-8 x 5" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22644	1/2"-13 x 1-3/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22641	1/2"-13 x 1" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22756	1"-8 x 5-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168532	5/8"-11 x 2" Grade 8 Yellow Zinc Finish #3 Domed Head Plow Bolt	22642	1/2"-13 x 1-1/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22757	1"-8 x 6" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168488	1/2"-13 x 2" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22645	1/2"-13 x 2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22759	1"-8 x 7" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0144078	1/2"-13 x 2-1/4" Grade 5 Zinc Finish #3 Flat Head Plow Bolt	22646	1/2"-13 x 2-1/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22768	5/8"-11 x 1-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt
22647	1/2"-13 x 2-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22706	3/4"-10 x 2-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22771	5/8"-11 x 2-1/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt
0168490	1/2"-13 x 2-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22653	1/2"-13 x 4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22773	5/8"-11 x 2-3/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt
22648	1/2"-13 x 2-3/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22654	1/2"-13 x 4-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22777	5/8"-11 x 3-1/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt
22649	1/2"-13 x 3" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22663	5/8"-11 x 1-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22781	5/8"-11 x 4-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt
0168492	1/2"-13 x 3" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22665	5/8"-11 x 2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22747	1"-8 x 2-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
0168546	3/4"-10 x 2-1/2" Grade 8 Yellow Zinc Finish #3 Domed Head Plow Bolt	22707	3/4"-10 x 2-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22782	5/8"-11 x 5" Grade 8 Plain Finish #3 Flat Head Plow Bolt
22651	1/2"-13 x 3-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22788	3/4"-10 x 2-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22748	1"-8 x 2-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22664	5/8"-11 x 1-3/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22666	5/8"-11 x 2-1/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22749	1"-8 x 3" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22684	5/8"-11 x 1-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22667	5/8"-11 x 2-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22750	1"-8 x 3-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22685	5/8"-11 x 2" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22668	5/8"-11 x 2-3/4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22751	1"-8 x 3-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22770	5/8"-11 x 2" Grade 8 Plain Finish #3 Flat Head Plow Bolt	22669	5/8"-11 x 3" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22787	3/4"-10 x 2-1/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt
1122623	7/16"-14 x 1-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22671	5/8"-11 x 3-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22752	1"-8 x 3-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt
22686	5/8"-11 x 2-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22708	3/4"-10 x 2-3/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22789	3/4"-10 x 2-3/4" Grade 8 Plain Finish #3 Flat Head Plow Bolt
1122685	5/8"-11 x 2" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22673	5/8"-11 x 4" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22790	3/4"-10 x 3" Grade 8 Plain Finish #3 Flat Head Plow Bolt
1122686	5/8"-11 x 2-1/4" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22674	5/8"-11 x 4-1/2" Grade 5 Plain Finish #3 Flat Head Plow Bolt	22795	3/4"-10 x 4-1/2" Grade 8 Plain Finish #3 Flat Head Plow Bolt
1122687	5/8"-11 x 2-1/2" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22709	3/4"-10 x 3" Grade 8 Plain Finish #3 Domed Head Plow Bolt	22796	3/4"-10 x 5" Grade 8 Plain Finish #3 Flat Head Plow Bolt