

LOSS CONTROL ALERT – Product Warning

Product Information

Manufacturer: RudedogUSA **Product:** Speed Bolt (Quickie Bolt)

Product is purchased online at www.rudedogusa.com

Product Description: RudedogUSA- 3/4" Speed Bolt

This is a 9" long by 3/4" threaded rod with a 7/8" hard nut welded on the tip.



Product use

This *temporary* "Speedbolt" is used by ironworkers to pull connector plates on beams and columns together quickly to make a connection during steel erection. A standard structural permanent bolt can then be inserted into an adjacent hole. The large thread size allows the nut to be screwed on quicker than a permanent structural bolt and nut.

This product was being used on a SER Project to connect a steel pedestrian bridge to a beam. While the bridge was suspended by the crane, the erectors used a speedbolt on one plate and a spud on another during connecting. As shown in the picture below, the head of the Speedbolt (welded nut) broke off causing the suspended load (bridge) to become unstable temporarily. Under different circumstances, this failure could lead to rigging failure, or an unstable crane-suspended load which could strike personnel or property, or cause a crane collapse. This product appears flawed in its design, since the bolt-head is actually just an oversized nut not threaded on, and only welded on the top. The weld was then grinded down, barely leaving enough weld to keep the two connected.

Please share this alert immediately with all steel contractors and remove all **RudedogUSA "Speed Bolts"** from our projects. Ironworkers should inspect all tools before using for integrity and always select the right tool for the job.



This is where the head (welded nut) broke off from the rod.

