Tungsten

Bucking Bars for Riveting

T&D Materials is an OEM manufacturer and supplier of tungsten bucking bars used for riveting applications.

Tungsten alloy bucking bar is a work tool received behind work surfaces to provide a backing member in applying impact fasteners and including intermitted tool head and handle parts with a low-recoil impact-absorbing spacer provided there between to take shock loads in compression and shear.

**Tungsten alloy bucking bar** is used on the backside of a metal rivet to counter the force of the hammering on the other side. They also can be used to absorb the force of rivet guns, reducing the vibration of bucking.

Tungsten alloy bucking bar is used to form bucktails on rivets and come in many different shapes and sizes. They are normally made from steel alloy similar to tool steel. The particular shape to be used depends upon the location and accessibility of the rivet to be driven.

The size and weight of the bar depend on the size and alloy of the rivet to be driven. Under certain circumstances, and for specific rivet installations, specially designed bucking bars are manufactured locally.

T&D’s bucking bars are normally made from tungsten heavy alloy. All edges are deburred and working surfaces are polished and non-porous for best use. This helps to prevent marring of formed bucktails.

Enjoy easier, better riveting with less fatigue. Tungsten alloy bucking bar offer the maximum density available. These bars are more than twice as heavy as an identical bar made of steel. The small size and high density makes these bars versatile, able to fit in small areas. All bars have a full radius on all edges for safety and ease of handling.

Tungsten alloy bucking bar is the same weight but half the size. Bucking bars are used in rivet setting to upset the shank of the rivet. Tungsten alloy bucking bar reduce the recoil when reflecting the impact back to the rivet shaft.
According to the studies, different tungsten alloy bucking bar of the same shape but made of different materials have different properties. Bars that are more massive can reduce vibration transmitted to the hand. Tungsten alloy bucking bar will make any riveting process much easier.

Higher density reduces vibration and kick back while bucking. Take a cue from the pros and use what they use. We carry a full line of standard bars so please choose. If you have specific design we will manufacture it according to your specification. All bars have smooth faces and rounded edges and corners for ease and safety in handling.