

Tips for Using BNS in Light Gauge Metal Applications

- Use a pneumatic tool with the capability of adjusting the depth of the drive.
- Use no-mar tips on your pneumatic tool. See page 80 for a suggested list of tools.
- Be precise with your placement and stay perpendicular to the work surface.
- Make sure the materials being fastened are pulled very tightly against each other to limit the springing or flexing (push-away) as much as possible. It is recommended to layout the materials first then manually screw the material together tightly in random places to avoid push-away or buckling. A conscientious person can then complete the job with NailScrews®.
- Limit the recoil of the tool as much as possible. Use the sequential fire setting available on most current model tools so you can be very deliberate in your placement.
- Establishing and maintaining the correct air pressure is the most critical. No more than a 10 lb to 15 lb variation will allow the depth of drive you have selected to function consistently. Keep in mind that using more hose causes a drop in the pressure at the tool; therefore, the shorter the hose (and the closer to the compressor), the better the control you will have.
- Stay close to the fold of the metal for strength and to reduce push-away.
- For the best pull-out resistance, only allow three to five threads of the NailScrew® through the metal substrate as shown.



Benefits

- Reduced labor cost with the increase in speed will save you time and money. See our Time and Cost Savings Study on pages 9-10.
- Our beveled fine threads and ballistic points are designed to disturb the substrate as little as possible.
- Independent testing has shown Ballistic NailScrews® provide greater shear values, pull-out resistance, and bend yield strength.

Tightening or Removal

- Driving the fasteners correctly the first time should be your first goal.
- If it is driven incorrectly, use a manual screwdriver to tighten or remove it.
- To remove BNS, **go slow** for the first few revolutions while the treads are cutting into the metal (12-18 gauges). Remember: Speed kills.

Applications

Ballistic NailScrews® can be used in most all applications where cement board, wood, or composites are being attached to light gauge metal. Please see the application section for more information on the BNS. Call 479.304.1238 for assistance with your special application and ask for W.C.



See pages 78-79 for compatible nailers.