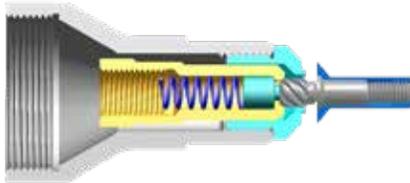
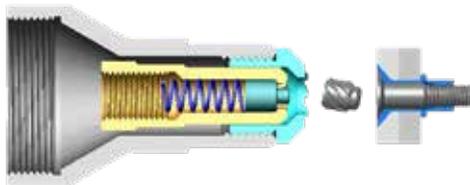


# Ergo-Tech® Blind Bolt

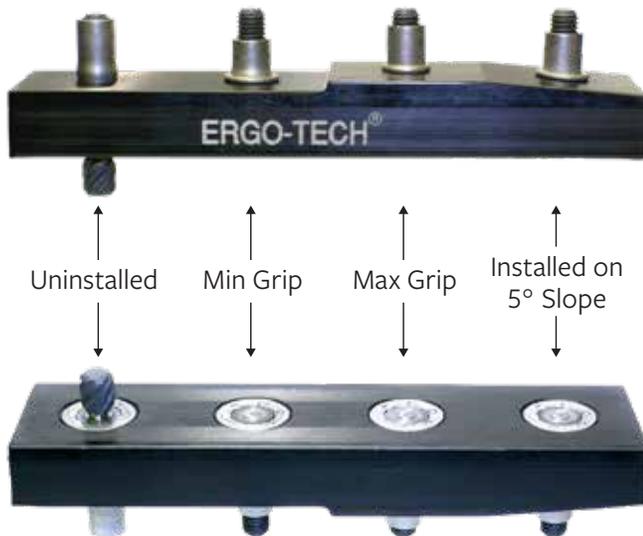
The One-Side Access Choice For Fastening In Metallic & Composite Structure



- Rotating driver engages splined pintail
- Anti-rotation tool component self engages the recess pattern on the sleeve head
- Rotation of the core bolt starts bulbing of the sleeve



- Continued rotation completes bulb formation
- Pintail is twisted off flush with the sleeve head and discarded
- Installation is complete



← Flush break in all grip conditions

## System Features

- Sleeve component is A-286 for best bulb forming properties. The core bolt is 6Al-4V titanium for lowest installed weight.
- The product is configured to fit the established patterns of hole diameters, countersink dimensions and grip range logic of the traditional pin and collar systems. Available in tension and shear head configurations.
- Fastener grip range is traditional pin and collar .063" plus .008" over max grip capability.
- Accommodates back side slope up to 5°.
- The core bolt breaks flush with the top of the sleeve head in all grip conditions.
- Bulbing forces are absorbed by the sleeve rather than the structure.
- High retained clamp-up.
- High structural integrity due to one piece sleeve configuration and no threads in bearing.
- Ergonomically friendly:
  - Silent twist-off pin break.
  - No recoil felt by operator.
- New light ergonomic installation tools are available.
- Ideal for robotic installation.