
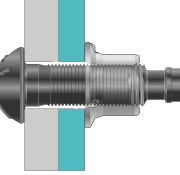

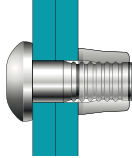

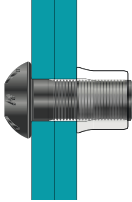

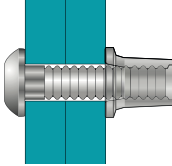

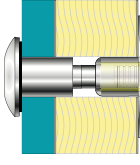

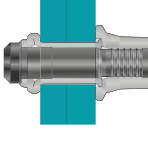




Lockbolt Systems Range Overview

Lockbolt Systems

Lockbolt Type Diameter, Material	Features and Benefits	Typical Cross Section
<p>NeoBolt®</p>  <p>High strength, unmatched vibration resistant lockbolts without pin break for heavy duty structural applications, providing a collar 'fit-up' feature for easy pre-assembly.</p> <p>∅ 4.8 mm – 25.4 mm Steel</p>	<p>No Pin Break:</p> <ul style="list-style-type: none"> • No metal waste, eco-friendly • No dropped stems improving working area safety • Avoid corrosion at stem break point (vs. traditional lockbolts) • Reduced pin size and weight for lower warehousing and shipping cost <p>Maintenance Free:</p> <ul style="list-style-type: none"> • No torque or re-torque is required <p>Fast & Shockless Installation:</p> <ul style="list-style-type: none"> • Reduces operator fatigue and installation noise • Fine pitch pin groove design for superior vibration resistance vs. traditional lockbolts and nut & bolt settings • Collar 'fit-up' feature for easy pre-assembly of the joint, ideal for upside-down installation • Radial bar indicators on collar for quick visual swage inspection upon placing 	
<p>Avdelok®</p>  <p>High strength, vibration resistant lockbolts with high controlled clamp.</p> <p>∅ 4.8 mm – 9.6 mm Aluminium, Steel, Stainless steel</p>	<ul style="list-style-type: none"> • High shear strength for high strength assembly • High controlled clamp provides excellent vibration resistance • Quick to install across a wide range of applications • Wide choice of materials, sizes, head styles and collar options to suit a wide variety of applications • Easy to inspect for tampering • High security tamper resistance - TIR approved • Steel Avdelok pins typically offer comparable values to property class 5.8 threaded products • Robust and rugged installation tools 	
<p>Avdelok® XT</p>  <p>Large diameter lockbolt for heavy engineering applications.</p> <p>∅ 12.7 mm – 28.6 mm Steel</p>	<ul style="list-style-type: none"> • Exceptional shear and tensile strength provides consistent high performance, required in load-bearing structural applications • Excellent vibration resistance • High security tamper resistance - TIR approved • Tolerates variation in joint - allows angled installation up to 7° • Quick and easy to install - requires minimum skill labour • Simple installation tooling eliminates the cost of calibration and reduces maintenance • Consistent installation prevents rework and associated costs • Simple visual inspection for quality assurance joints • Installed Avdelok XT fasteners provide a minimum shear, tensile and pre-load strength which is equivalent to or exceeds ISO898-1 property class 8.8 or ASTM A-325 standards 	

Lockbolt Type Diameter, Material	Features and Benefits	Typical Cross Section
<p>Maxlok®</p>  <p>High strength, vibration resistant lockbolts with multi-grip capability.</p> <p>∅ 4.8 mm – 6.4 mm Aluminium, Steel</p>	<ul style="list-style-type: none"> • Wide grip range reduces inventory, simplifies stock control, and accommodates wide variations in material thickness • High shear strength for high strength assembly • High, controlled clamp provides excellent vibration resistance • Wide range of special purpose installation tools • Quick to install across a wide range of applications • Brazier, countersunk, mushroom and truss head styles suit a wide variety of applications • Easy to inspect tampering • High security tamper resistance - TIR approved 	
<p>Avtainer®</p>  <p>High strength, steel fastener and shell designed for joining composite panels to metal.</p> <p>∅ 10.0 mm Steel</p>	<ul style="list-style-type: none"> • Prevents cracking and pull through of composite materials • Ideal for the assembly of GRP vehicle panels • High shear strength for high strength assembly • Underhead Santoprene® seal for a water/air tight joint • Internally locked stem provides a secure, vibration resistant joint • Low profile head and shell give a neat appearance • Smaller shell size available for use against metal surfaces • Optional encapsulated heads to match the surrounding colour • Easy to inspect for tampering • High security tamper resistance - TIR approved 	
<p>Avbolt®</p>  <p>The Avbolt structural fastener is a high strength, tamper resistant, blind steel fastener designed for use in heavy-duty structural applications. It offers a high tensile and shear strength normally only possible with non blind lockbolts and combines it with the installation speed of blind products.</p> <p>∅ 4.8 mm – 16.0 mm Steel</p>	<ul style="list-style-type: none"> • Use on blind sided application • High tensile and shear strength for heavy-duty applications • Wide grip capability suits a variety of material thicknesses • Ideal for areas with restricted access • Locking feature creates a vibration resistant joint and prevents loose stems • Fast installation • High security tamper resistance - TIR approved • Simple tooling requires only minimum operator skill 	

Installation Tools

Genesis® nG4

Versatile lightweight pneumatic/hydraulic power tool capable of placing Avdelok® and Maxlok® lockbolts up to \varnothing 6.4 mm, and \varnothing 10.0 mm Avtainer®. High force to weight ratio and innovative ergonomic design delivers maximum user efficiency and comfort.



Genesis® nG3 LB

Lightweight pneumatic/hydraulic power tool for the reliable placement of NeoBolt® lockbolts \varnothing 4.8 mm and 6.4 mm.



73200 Model

The hydro-pneumatic 73200 tool is designed to place NeoBolt® lockbolts \varnothing 8.0 mm, Avdelok®, Maxlok® and Avtainer® lockbolts up to \varnothing 10.0 mm as well as Avbolt® fasteners up to \varnothing 8.0 mm. Featuring an innovative patent protected hydraulic design and using the latest sealing and guiding technology, this new tool delivers unmatched fastening efficiency and dependability.



7287 Model

Hydro-pneumatic split tool with a lightweight placing head able to place NeoBolt® lockbolts \varnothing 9.6 mm, Avdelok® and Avtainer® lockbolts up to \varnothing 10.0 mm, Avbolt® fasteners up to \varnothing 8.0 mm, and all other lockbolts up to \varnothing 8.0 mm.



AV™ Series Tools

The AV hydro-electric power tool line is capable of setting all Avdelok® and Avdelok® XT lockbolts from as small as \varnothing 9.6 mm to as large as \varnothing 28.6 mm. It also has the flexibility needed to set NeoBolt® lockbolts \varnothing 12.7 mm up to \varnothing 25.4 mm and Avbolt® sizes \varnothing 8.0 mm through \varnothing 16.0 mm.



Enerpac® PRO Series Pumps

STANLEY Engineered Fastening has partnered with Enerpac, the World Leader in Hydraulic Equipment to offer a specialised selection of reliable, durable and versatile high-pressure hydraulic pumps to power all AV™ Hydro-Electric Power Tools.

