



Fastening Technology

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Contents

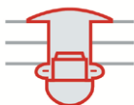
Contents	Page
Blind rivets	4 - 10
Threaded inserts	11 - 13
LockBolt-system	14
Push on fastener	15
Circlips and snap rings	15
Assembly systems	16
Installation technology	17
Sealants and adhesives	18

Blind Rivets



TIFAS® blind rivets

TIFAS blind rivets are standard rivets. They are a secure means of fastening multiple components, e.g. to rivet profiles, pipes, containers, etc. The range of blind rivets includes a wide variety of material options, head shapes and grip ranges. Also available in A4 stainless steel.



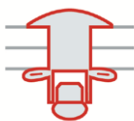
TIFAS® Multigrip blind rivets

This blind rivet stands for its wide grip range (which reduces inventory and the need for different tools) and the range of applications it can be used for. Other benefits of the rivet include its high tensile strength, good bearing pressure and vibration resistance as well as multiple folding of the sleeve on the blind side.



TIFAS® Peel blind rivets

TIFAS Peel blind rivets are especially suited to hard/soft connections. As the rivet sleeve splits into 4 parts, the rivet claws its way into the soft material on its blind side, thereby ensuring that the load is more evenly distributed. The high clamp strength makes for a tight connection.



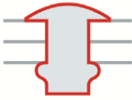
TIFAS® Star blind rivets

TIFAS Star blind rivets offer a snug fit in metal/plastic connectors. Designed for thin and delicate/soft material. The folding sleeve expands into three legs on the blind side. The captive mandrel prevents setting errors or rattles.



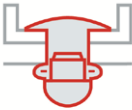
TIFAS® Grooved blind rivets

With its grooved sleeve, the TIFAS Grooved blind rivet has been especially designed to engage securely in the walls of a hole drilled into the base material. This makes it highly suitable for blind holes and applications involving wood or plastics. Wide selection available.



TIFAS® closed end blind rivets

The beaker shape of the rivet sleeve provides a blind side that is closed and thus air, dust and watertight. The mandrel is securely retained in the riveted joint. Wide selection of materials – countersunk heads are also available.



TIFAS® earth tab blind rivets

Allows earthing connections to be installed quickly, simply and reliably. TIFAS earth tab blind rivets are supplied with or without integrated blade terminals.



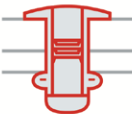
TIFAS® bulb-tite blind rivets

High shear strength and secure mandrel retention (vibration-resistant) are what set the TIFAS bulb-tite blind rivets apart from other folding leg rivets (wide grip range, distribution of clamp strength over a large area). Also available with special neoprene washers for a weather-proof seal.



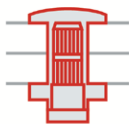
TIFAS® Grip blind rivets

The combination of a consistently large blind-side footprint, vibration resistance and a partially loadbearing as well as securely retained mandrel make the TIFAS Grip blind rivet the ideal choice for thin components that need to withstand high loads. Good hole filling properties compensate for hole tolerances.



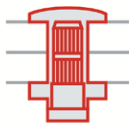
TIFAS® Maxgrip blind rivets

The outstanding features of the TIFAS Maxgrip are its wide grip range as well as its disk-shaped blind-side footprint which enables the rivet to rest on the component regardless of the grip range. The rivet is vibrationproof and has a high clamp strength. It is also air and watertight.



TIBULB blind rivets

TIBULB blind rivets are especially suited for use on thin sheeting that is exposed to high shear and tensile loads. The load-bearing mandrel is locked in place during installation to ensure that the rivet forms a vibration-proof joint. Dustproof and splash proof. Also available in A4 stainless steel.



TIFAS® Lock blind rivets

The double-locking system in the TIFAS Lock blind rivet ensures that the mandrel is securely installed and vibrationproof. There is no rattling. It has very high shear and tensile loads. The spent mandrel is always securely retained. What's more, it is dustproof and splashproof.



POP® Standard blind rivets

POP standard rivets are the classic blind rivet solution. They are ideal for securely fastening multiple components, e.g. for riveting profiles, tubes and containers.



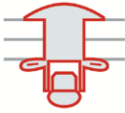
POP® Soft-Set blind rivets

POP Soft-Set blind rivets are ideal for particularly soft and brittle materials as the blind rivet sleeve is made of A199 aluminium.



POP® Soft-Special blind rivets

POP Soft-Special blind rivets are especially suited to hard/soft connections. As the rivet sleeve splits into 4 parts, the rivet claws its way into the soft material on its blind side. The high clamp strength makes for a tight connection. Suitable for large drill hole tolerances on the blind side.



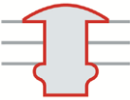
POP® LSR folding leg blind rivets

Secure, snug fit in metal/plastic applications with a wide grip range. Designed for thin and delicate/soft material. The folding sleeve expands into three legs on the blind side, which distributes the contact load on the rear material and provides high pull out resistance.



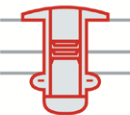
POP® blind rivets with grooved sleeve

Especially designed for blind hole applications in soft materials, e.g. wood and plastics and for all applications where the grooved sleeve needs to engage securely in the cavity made by drilling into the base material.



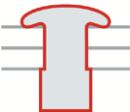
POP® closed end blind rivets

The breaker shape of the rivet sleeve provides a closed and therefore air, dust and watertight blindside footprint. The mandrel is securely retained in the riveted joint.



POP® V-Grip blind rivets

POP V-Grip blind rivets stand out for their wide grip range, their large, uniformly-shaped footprint (on the blind side), and silent (anti-rattle) joints. Air and watertight.



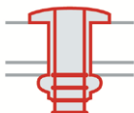
TIFAS® M-Bolt blind rivets

The wide grip range of the TIFAS M-Bolt makes this blind rivet ideal for a number of different applications. Through its load-bearing mandrel, this blind rivet comes with high shear and tensile strengths at break. The mandrel always breaks flush, even when materials of varying strengths and thicknesses are present within the grip range. The good hole filling properties make for a sturdy, vibration-proof and water-resistant connection.



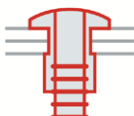
M-LOCK blind rivets

A high-strength blind rivet that remains snug even under dynamic load. Holes can be prepared to ensure that the joints are watertight and airtight. The mandrel always breaks flush, even when materials of varying strengths and thicknesses are present within the grip range. The grip range is large.



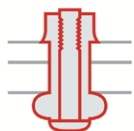
MAGNA-BULB® blind rivets

A high-strength blind rivet with a large blind-side footprint that remains secure even under dynamic load. Designed to fasten thin-walled and soft components. The mandrel always breaks flush, even when materials of varying strengths and thicknesses are present within the grip range.



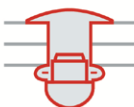
HUCKLOK™ blind rivets

An especially high-strength blind rivet with large grip range for a secure fit even under dynamic load. The mandrel always breaks flush, even when materials of varying strengths and thicknesses are present within the grip range.



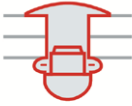
BOM® blind rivets

Exceptionally high-strength blind rivets with mechanically secured mandrel designed with very high shear and tensile strengths in mind. These high shear and tensile strengths can usually only be achieved with non-blind lockbolt systems. Vibration-proof fastening which is also airtight and watertight.



Avex® blind rivets

Multi-faceted aluminium blind rivets that have been successfully used in numerous applications and industries for many years.



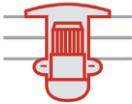
Stavex® blind rivets

High-strength, multi-faceted steel and stainless steel blind rivets.



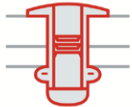
Avibulb® blind rivets

High-strength, breakstem steel blind rivets with an excellent blind-side footprint. Ideal for thin sheet metals.



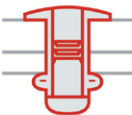
Avinox® blind rivets

High-strength, breakstem stainless steel blind rivets with an excellent blind-side footprint. Ideal for thin sheet metals.



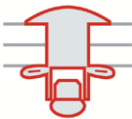
Avibulb® XT blind rivets

Avibulb® XT are high-strength, breakstem blind rivets with an excellent blind-side footprint – ideal for use on thin metals. These new blind rivets have a wide grip range and are exceptionally suited for applications where varying material strengths are involved.



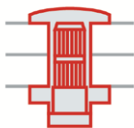
Avinox® XT blind rivets

Avinox® XT are high-strength, breakstem blind rivets with an excellent blind-side footprint – ideal for use on thin metals. The new blind rivets have a wide grip range and are exceptionally suited for applications where varying material strengths are involved.



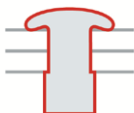
Klamp-Tite® BAPKTR blind rivets

Aluminium blind rivets with an excellent blind-side bearing area that distributes contact pressure across a large area. Ideal for thin sheeting or soft materials.



Hemlok® blind rivets

High-strength, breakstem blind rivets with excellent shear and tensile strength and a large blind-side bearing area.



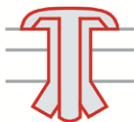
Monobolt® blind rivets

High-strength, multi-faceted blind rivets that provide a fully-sealed joint and visible lock.



TIFAS® plastic blind rivets

Securely fitting plastic blind rivet. Can be installed using standard tools. Does not damage varnished surface, non-corrosive.



TIFAS® Expanding shank plastic rivets

Especially designed for applications where the blind side is impossible or difficult to reach, e.g. panels, plaques, decals, information signs and covers. Non-corrosive.



TIFAS® plastic retainers

Plastic rivet for through and blind hole applications, partially demountable. Especially useful on finished surfaces. Non-corrosive.

Threaded Inserts



RIV-TI® blind rivet nuts

These blind rivet nuts act as blind rivets and threaded inserts in one. For fastening and connecting one or more components. The rivets are installed “blind” from one side, with no refinishing required. Particularly suitable for thin-walled components and hollow profile sections as they create a durable thread. The blind-side bulb prevents pull-out from the application. The product range includes a wide selection of materials, head/body shapes and grip ranges. Also available with an underhead seal for gastight and watertight applications.



TUBTARA® blind rivet nuts

Serve as a blind rivet and threaded insert all in one. For fastening and connecting one or more components. Rational “blind” installation from one side; no secondary operations required. Especially suitable for thin-walled components and hollow profiles as they create a durable thread. The blind-side footprint prevents the rivet from being pulled out of the base material. The product range includes a wide selection of materials, head/shank shapes and grip ranges.



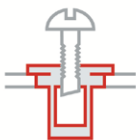
RIV-TI® Plus blind rivet nuts

These blind rivet nuts act as blind rivets and threaded inserts in one. This fastener has been especially designed for use in thin-walled plastic components, composite materials, sheeting and hollow profile sections. The slotted body spreads on the blind side to produce four “legs” that create an extra-large footprint which provides an exceptionally high pull-out strength. RIV-TI Plus blind rivet nuts offer a large grip range, making them versatile in use.



RIV-TI® Flex blind rivet nuts

Elastic rivet body with stainless steel or brass insert. Easy screw-fit installation onto components with access to one side only. Absorb shocks, vibrations and noise effectively. Corrosionresistant; also non-conductive when neoprene bodies are used. Ideal for hard/soft connections and blind-hole applications.



RIV-TI® captive nuts

Metal or plastic rivet nut with steel threaded insert. Blind installation requires access to the fastening holes on one side only. Installed by making a 1/4 turn in the fastening hole. Reusable with tolerance compensation.



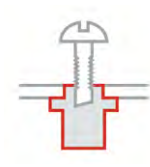
Jack Nut® blind rivet nuts

Combined rivet and threaded insert; easy to install from one side. Large blind-side footprint and high expansion on the blind side. The low installation forces make these anchor nuts ideal for sensitive materials such as plastics, hardboard, plywood, fibre glass and hard rubber.



TIBOLT® blind rivet studs

These blind rivet studs act as blind rivets and threaded inserts in one. The principle for installing blind rivet studs is much the same as that for blind rivet nuts. The threaded bolt is used to attach components and threaded inserts (nuts, etc.). Ideal for thin-walled sheeting, profiles and hollow sections. As there is no temperature increase during installation (like there is with stud welding), the application components do not discolour or warp. Our product line includes an extensive range of steel galvanised blind rivet studs. Other designs, e.g. other thread lengths and head diameters or other materials (A2 & A4 stainless steel) are available depending on the quantity.

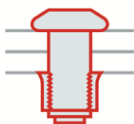


Captive® press-in fasteners

Permanent, highly resilient fasteners for thin sheeting, plastic parts and electronic components (printed circuit boards).

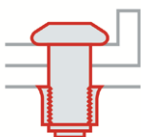
The cold forming process between the fastener and the panel results in a flush connection that ensures high torque and pull-out strength.

LockBolt-System



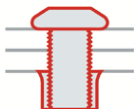
TIFAS® LockBolt

A two-piece high-strength system for components accessible from both sides. These fasteners are absolutely vibration-proof and offer high shear, tensile and clamp strength.



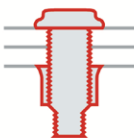
TIFAS® LockBolt HV lockbolt system

High-strength, pre-stressed HV lockbolts are vibration-proof fasteners with constantly high clamp that can carry large static and dynamic loads.



TIFAS® LockBolt Multigrip lockbolt system

A fastening system with extra-large grip range for fast vibration-proof assembly. The multigrip lockbolt pin fills the collar and breaks off flush.



Bobtail® lockbolt system without pin-tail

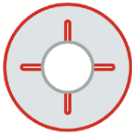
Vibration-proof assembly with high, constant, pre-stress and fast, shock-proof installation. No material waste or risk of corrosion after installation.



HUCKTAINER® Plus

Lockbolt system for composite materials. A fastening system for hard/soft applications. Minimal protrusion both inside and outside. Especially developed for vehicle and container construction, above all for fitting and fastening plywood panels or similar materials. These fasteners are guaranteed to be high strength and leak-tight.

Push on Fastener



STARLOCK® push-on fasteners

Starlock push-on fasteners are designed for permanent axial installation. They are safe, easy and cost-effective to use. Grooves and threads are a thing of the past. Push-on fasteners can be installed on smooth axles, shafts, tubes, pins, bolts, screws, etc. to connect and fasten components. These fasteners stand out for their low push-on force and extremely high pull-off force. They are easy to handle, making them suitable for automated processes. The range includes metric and imperial sizes made of 1.1231 spring steel and 1.4310 stainless steel. Most of the push-on fasteners can be supplied with a decorative cap.

Circlips and snap rings



CIRTEQ® circlips and snap rings

The standard product range includes classic circlips and retaining rings for shafts and bores, self-locking rings, radial assembly rings as well as rings for compensating axial play.

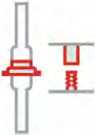
CIRTEQ® circlips and snap rings are outstandingly safe and easy to use and also very cost-effective. We work hand in hand with our customers to develop all manner of purpose-built products. The varied use of materials and finishes ensures that the products have a long service life across a broad range of industries. Certified to IATF 16949:2016 and ISO 14001:2015.

Assembly Systems



POLYSTIC® assembly systems

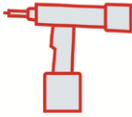
High strength due to full surface join.
Very little warping due to shorter welding times. Leak-tight as no drilling is required. Access required from one side of the component only.



WELD MOUNT fastening system

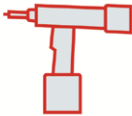
The WELD MOUNT system is a unique combination of fasteners and adhesives that enables virtually any material to be fastened without the need for any welding, drilling, riveting or tapping.

Installation Technology



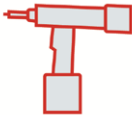
Tools for blind rivets

Hand tools
Battery tools
Hydropneumatic tools
Hydraulic tools



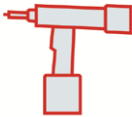
Tools for threaded inserts

Hand tools
Battery tools
Hydropneumatic tools



Tools for lockbolt systems

Battery tools
Hydropneumatic tools
Hydraulic tools



TIOS® Control process control

The Titgemeyer ProcessControlSystem is the first of its kind to enable installation processes to be monitored and documented. This modular system can be used for hand, hydropneumatic installation tools as well as hydraulic system components from the Titgemeyer range of tools.



Automation

We produce bespoke workstation systems tailored to the customer's specific needs.

Sealants and Adhesives



Sealants and adhesives

- Complete range for OEMs, vehicle manufacturers, trade and industry
- Premium quality products
- Equal to almost any task
- State-of-the-art product development



Sealing and adhesive tapes

- Clean sealing and bonding of various materials
- Suitable for multiple applications
- Perfect as a fixing aid



Floor covering systems

- Plastic and natural rubber floor covering
- For vehicle floors, ramps, garages
- Cargo control
- Easy to lay
- Meets food safety requirements
- Extremely durable and hard-wearing
- Joint free and fully sealed



Pre-treatment

- Pre-treatment products and tables
- For corresponding surfaces
- Tailored to the sealant and adhesive system



Installation tools

- Mechanical, pneumatic, electrical
- Tools for handling cartridges and sachets



Accessories

- Application aids
- Smoothing tools
- Cartridge cutters
- Cartridge tips
- Wipes
- Emory cloths

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