

# SUCCESS STORY



**Creative. Visionary. Successful.**

Efficient cooperation is the foundation for success. Yours and ours.

**Passion for successful joining.**

# BÖLLHOFF

# WfbM and Böllhoff ensure strong joints in all



## Sheltered workshop in Aurich-Wittmund

In the early 60s, the Bundessozialhilfegesetz came into effect and provided new basics for the work with disabled people as well as for the development of social facilities.

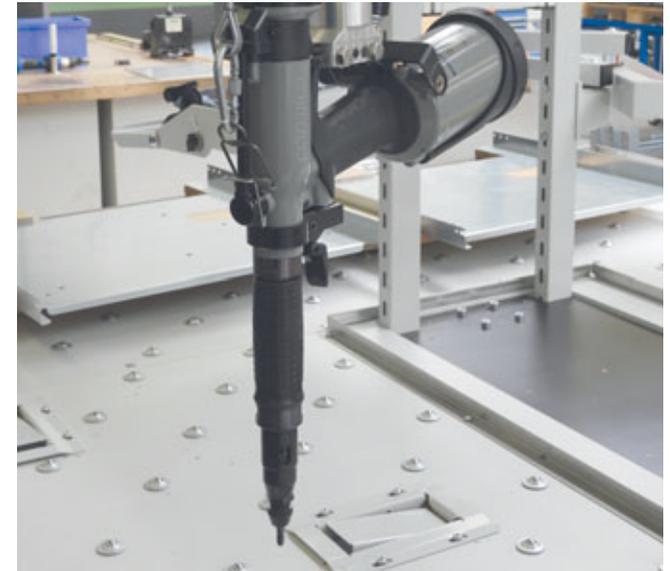
Gerhard Peters started 1962 to work temporarily with six disabled people in the field of sorting and cardboard packaging in an establishment of the Red Cross in Aurich. Shortly after, a larger building has been acquired which featured a weaving mill, metalworking shop, carpentry and a rope factory.

Thus, additional activities could be offered and the Werkstätten für behinderte Menschen (WfbM) in Aurich-Wittmund were founded officially. Now, they exist for more than 55 years. About 760 handicapped and 425 permanent employees work in the field of electrical installation, home economics, gardening and landscaping as well as in mentoring and administration in 10 different subsidiaries, located e.g. in Schirum and Wiesmoor. Further establishments are a café and a self-service supermarket.

The focus is here on individual support and social, strong commitment for people with disabilities. Particular, the special needs resulting from the type and degree of the disability are decisive. At WfbM, mentally and/or physical disabled and ill people find a place to live and work.



The WfbM in Schirum employs about 70 people, e.g. in the assembly of complex, metallic components with RIVKLE® setting tools.



## Activities

Contract works for medium-sized enterprises, wind energy manufacturers and crane controls are done in the metal fitting of the WfbM in Schirum.

An own technology centre provides also laser and folding machines in order to produce and process different sheets and housings.

Modern equipped assembly workplaces and innovative technology ensure the fastening of complex components, e.g. switching units, according to customised quality standards.

## Initial situation

The lasered and processed sheets by WfbM are used in switching devices of a well-known wind energy plant manufacturer. For creating a load-bearing thread, round blind rivet nuts have been mounted. However, they unfastened after the installation and could not guarantee a tight joint. Here, the Böllhoff RIVKLE® blind rivet nuts come into play. They are a versatile solution for fastening load-bearing nuts or bolt threads on thin-walled components where cut threads are not an option.



Installation of RIVKLE® blind rivet nuts on thin-walled components for wind energy plants.

## The product: RIVKLE® blind rivet nuts and setting tools

RIVKLE® blind rivet nut are mounted without counter pressure and can therefore be set, e.g. at hollow sections, housings, profiles or components with limited access just from one side. Unlike with weld nuts, the workpiece is not impaired by heat. After insertion, no reworking is required, even with already coated or painted parts.

They are very easy to process in all metal materials, plastics and even in ceramic components.

Due to different head shapes, shank ends and forms, the blind rivet nuts can be used in versatile applications.

With the corresponding pneumatic-hydraulic setting tools RIVKLE® P1007 and RIVKLE® P2007, the blind rivet nuts are processed force-controlled. The ergonomic setting tools guarantee an easy handling. Moreover, the RIVKLE® EP X009 ensures the correct installation by means of a process control through setting path monitoring.

Per month, about 10,000 zinc-plated RIVKLE® rivet nuts, made of steel with small countersunk head and hexagonal shank, are assembled in the factory Schirum.

Did we spark your interest? Talk to us.

## Customer benefits

- Load-bearing thread on thin-walled components
- Assembly with access from only one side
- Flexible use in every stage of production
- No thermal stress to workpiece
- Quick setting process
- Tools and products from a single source

**Böllhoff International with companies in:**

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Austria	Poland
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China	Slovakia
Czechia	South Korea
France	Spain
Germany	Switzerland
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