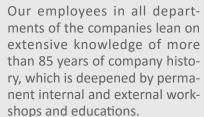
# VVG In Perfecion.

### **Basic facts of the HONSEL-Group**

- Founded in 1930
- more than 200 employees over all loations
- more than 30.000 m<sup>2</sup> production and logistics facilities in Germany, France and China

Development, Production and worldwide sale of blind rivets, blind rivet nuts and blind rivet bolts as well as related processing tools and additional fasteners like industrial rivets according to DIN, axial clamps and sheet metal fasteners.

### CONSULTING



On site our colleagues in the field service througout Germany and parts of Europe give support quickly and flexibly with detailed demonstrations, intensive concil as well as extended trainings.

At in-house exhibitions, during special "rivet-information-events" at our sales partners and international trade fairs we present our innovations and classics.

The continuous development

and improvement of products

plays a central role in our busi-

On one hand, our application

technicians and engineers are

permanetly busy in optimizing

On the other hand the people

on our developing departments

are constantly creating new ideas for new products - often in collaboration with our custo-

the existing assortment.













As system supplier of rivet and fastening technology we offer an extensive allround service package: Best possible reachability of the customer service, quick delivery, maintenance and repair of all rivet tools incl. rental pool of tools, sales support (catalogues, flyer, POS-design), modern style website with extensive information for the day-to- day business and much more....







For years, special attention has been given customer requests.

On base of an essential knowledge of varlower costs at the same time.

LOGISTICS

world.

Quality and high-class products are our passion and play ar important role in our corporate

The companies are certified according to ISO 9001:2008, die manufactoring units according to ISO/TS 16949:2009 und ISO 14001:2004.

Next to standardized methods for product parameter monitoring we develop and use own process control systems and optoelectronic testing maschines for possible individual 100% inspections.

Quick, reliable delivery of the

ordered goods is one of our

Our logistics center in Neumüns-

ter dispatches anually approx.

than 50.000 parcels and more

than 4.500 pallets througout the

The logistics and storage areas

over all company locations

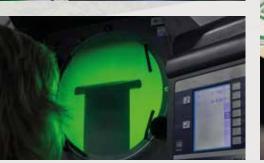
offers enaugh space for thens

of thousands items in sales

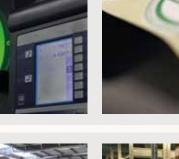
packing, bulk goods, wire coils

for manufacturing and thous-

company's trademarks.













Our manufacuring competence is the cold forming of wire in all current materials - and a lot

In pressing wire on most modern 5 to 6 multistage presses, pieces of wire up to a diameter of 20 mm are brought into

The pressing procedure can be followed by many further worksteps: Laser welding, welding, crimping, forming threads, adding partial scratch protection or different sealing compo



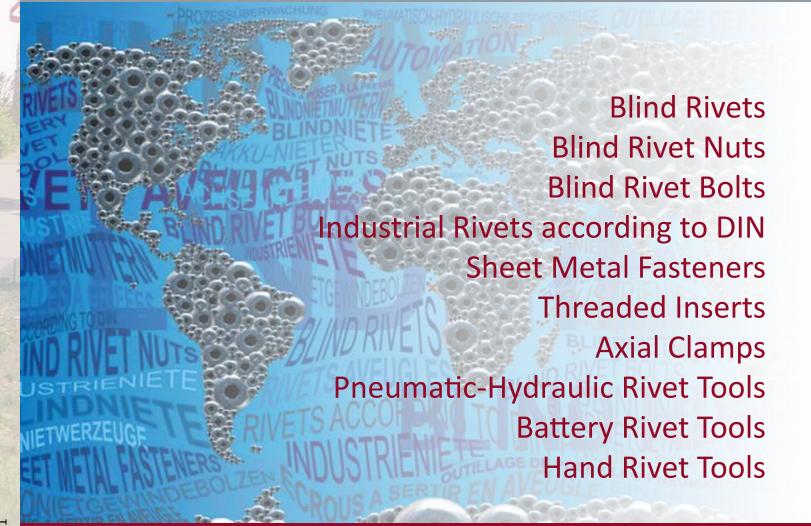


to substantial investments in forward-looking technologies and to the machinery. Especially our own toolmaking with centres for lathes and milling reduce delivery times until the start of series-production and enabels the realization even of special

ious heat treatment technologies we are able to modify light weight materials in a way that their partial strength is significantly higher than usual. This way considerably higher mechanical requirements can be fulfilled, exploiting lower weights and



### BLIND RIVET TECHNOLOGY AND MORE. IN PERFECTION





30, Thessalonikis Str and Papagrigoriadou, 143 42 Nea Filadelfeia, Athens, Greece Tel. No.: +30 210 2515141 Fax No.: +30 210 2525714 Email: strigoservice@ergalia.gr

Our modern packaging systems enable capacities for handling even largest volumes in a short

ands of pallet spots.

### **VVG Blind Rivet Technology...**

- Blind Rivets. Besides an extensive standard range Blind Rivet Nuts. Whether knurled or hexagonla including e.g. closed end or multigrip rivets as well as folding and body bound versions especially the high-strength products like FERO®-BOLT, FERO®-BULB oder OPTO®-BULB become more and more important.
- shafts, high-strength types or the patented OPTO® multigrip blind rivet nut - we develop and manufacture every imagine- and produceable blind rivet nut.
  - Blind Rivet Bolts. Capable, secure and cost-efficient process. Great diversity through various sleeves and screws.

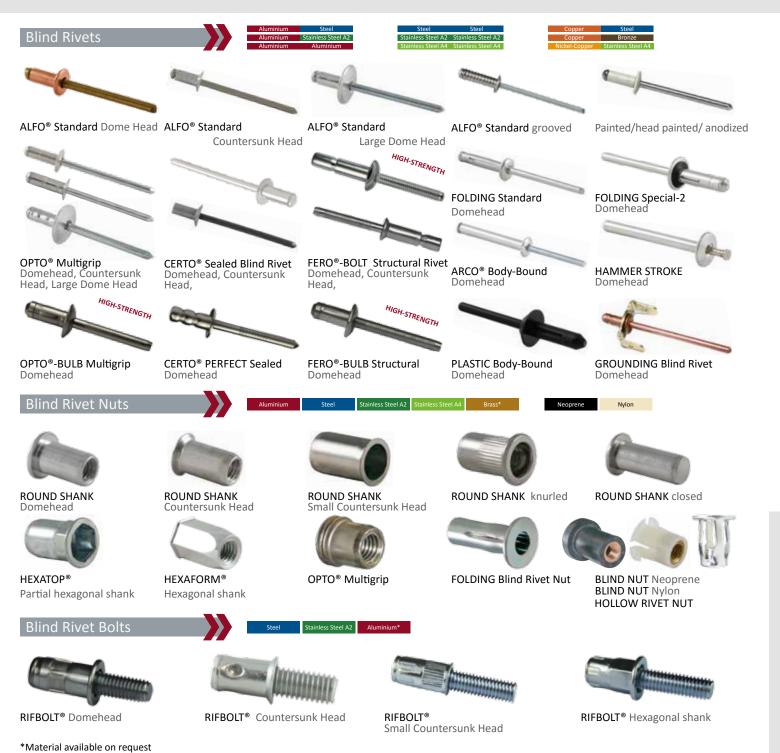
### VVG ...and more

- Industrial Rivets according to DIN. The classical Axial Clamps. The fast and safe solution to realione-piece type of rivets that are handled both-sided of the component. Still used in big quantities. Available as solid rivet, semi-tubular rivet or tubu
  - ze hard to detach axial connections. Available as open axial clamp ring or as close axial clamp cap.
  - Sheet Metal Fasteners. Especially for industrial processing in thin sheets from 0.5 mm. By reducing the thickness of the material ideal for material / weight reduction and rationalization of production processes.



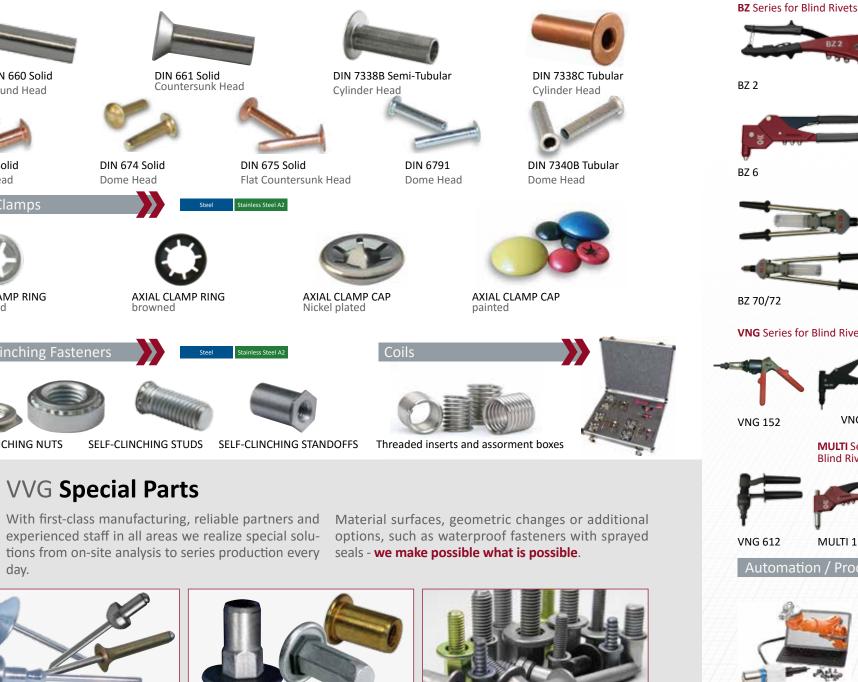
## **VVG Processing**

Full-line distributor VVG offers modern type bat- All from one source: tery tools out of the Rivdom family as well as the Design, construction, manufactoring, sale and whole scope of processing tools from hand rivet maintenance as well as and repair - we are your tools to well-engineered pneumatic-hydraulic ri- partner for perfect rivet handling - in any case. vet tools to individually constructed process controlled automations.





tions from on-site analysis to series production every seals - we make possible what is possible.





**BZ** Series for Blind Rivets

Production

Quality

Consulting

Logistics

Service