

Press information**Tool Holder Repair: Quick and fully quality-tested**

A tool machine is only as good as the tool holders used in the process. Consequently, INDEX and TRAUB ensure that the highest quality standards are adhered to in the development and production of their holders. This also applies of course when a holder which has been worn out in tough production use is sent in for repair. As the smooth production process is disrupted or interrupted during the repair time, there is also the requirement for a fast throughput time here.

INDEX and TRAUB have examined the problem in detail and created a specific repair facility at the TRAUB site of Reichenbach. The centerpiece of the facility is the modern assembly system (Fig. 1), at which the jobs and the material flow have been optimized according to the methods of value stream design (Fig. 2). Here, the aim is to avoid downtimes and waste so that the customer is offered quick repair at low-cost conditions.

When it has been delivered to the plant in Reichenbach, the holder to be repaired 'flows' into the dismantling process, in a direct and non-bureaucratic way. Usually, and provided that approval has been given by the customer, it can be repaired immediately, as the required material is stored in the assembly area. It goes without saying that only original spare parts are used here, in line with the quality standards of INDEX-TRAUB.

After the repair, the holder undergoes the same quality assurance process as every new holder. On the run-in test bench, it undergoes a process under high pressure (up to 80 bar) (Fig. 3) that is based on the company's many years of experience in spindle construction. The results, like the protocol of the geometric test, are archived. This means that a seamless quality check is possible over the lifetime of the holder that is analyzed in the quality circle and used for improvements in constructional design and production planning. The customer therefore receives the same warranty as with new holders.

The shipment to the customer is done in the original packaging and this protects the holder securely against damage during transport. After optimization, the average time for the repair run of INDEX-TRAUB tool holders from the incoming goods department

in Reichenbach to shipment is less than 10 working days; in individual cases, substantially less than this. With third-party products that do of course also have to be repaired, the run-through time depends on the availability of the spare parts from the manufacturer. INDEX and TRAUB offer replacement holders (Fig. 4) for customers who require the parts very quickly. In this case, the customer receives a replacement holder at low-cost conditions immediately. He or she then sends in his/her defective holder and if this can be repaired, he/she will be given a credit note for the replacement holder or he/she can have this repaired. With the replacement holder service, the downtime of the machine can thus be minimized.

The basis for the service offered is a team of 10 qualified employees who constantly work on improving their results. For even a good service can and must be improved further if you want to keep ahead of the competition.

Contact: INDEX-Werke GmbH & Co. KG
Hahn & Tessky
Frank Ostertag
Director of Marketing
Phone: +49 (0) 711 3191-9135
Fax +49 (0) 711 3191-89135
frank.ostertag@index-werke.de



Fig. 1:
This is where the focus is on quality work - tool holder repair at INDEX-TRAUB

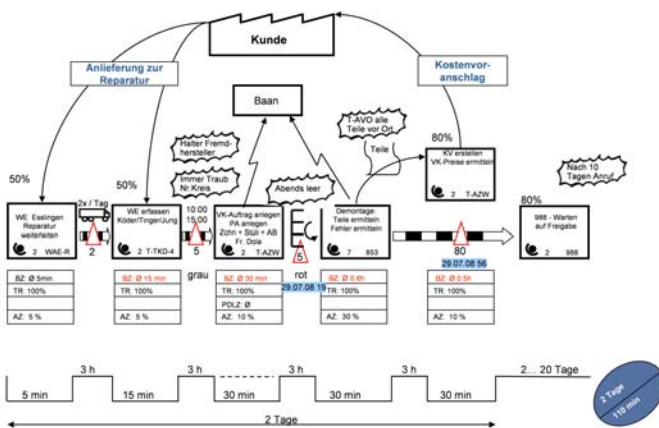




Fig. 3:
Optimum run-in check for
a long 'tool life'



Fig. 4:
Replacement holders, almost like
new, are offered for all terminals (W-
gearing, V-strip, TRAUB strip)