

Quality

We want quality to be our distinctive feature on the market. This is the introduction to Mattssons's Quality policy. This direction means that we continuously work at being in a front position in the chain, stretching from quality and environmental systems to the performance of the products delivered.

Mattssons is third part certified by DNV according to QS 9000 since 1998, ISO 9001 since 1993 and environmentally certified according to ISO 14001 since 1999. TS 16949 is a global quality standard for suppliers to the car industry. Today, many companies in the industry demand that their suppliers meet the TS 16949 standard. Previously a number of different certificates have been required, for example QS-9000, - one for every manufacturer's demands. All these demands are now covered, as TS 16949 is a flexible system where VDA and other national requirement prescriptions are integrated. This results in that the customer's demands can be co-ordinated.

Mattssons has started to update its QS-9000 system according to this standard.

Mattssons's Quality policy has the slogan "The chase for point zero". This is a concept that is evident all through the company. By fixing external and internal remarks we try, by using different computer validations and improved working methods, to strive towards zero defects. We are working with the world's leading manufacturers of fasteners with a focus on Europe. Through systematic supplier visits, wide knowledge and a unique computer aid to select suppliers we are able to direct our purchases to the best suppliers. Most of our suppliers work with statistic process control, but for some assembly lines it is not enough with the low PPM number that can be achieved through a well-controlled production. We are therefore able to offer machine checked fasteners by using our, or our suppliers, "zero defect control machines".

Laboratory - Testing

Equipment for quality assurance has been prioritised at Mattssons. Our quality department has extensive control equipment to be able to verify products and provide service for our customers. We have, among other things, the following equipment:

- Tensile tester 600kN (for tensile and pressure testing).
- Fatigue tester (for fatigue testing).
- Spectrometer (for materials analysis of steel and stainless steel). See separate section.
- X-ray (for control of surface treatment layers). See separate section.

- Slat chamber (for control of surface treatment layers).
- Torque analysis (for control of torque, clamping force testing and friction). See separate section.
- Sclerometer HRC, HB and HV (for control of hardness and case-hardening depth et c.).
- Cylindricity meter, surface smoothness meter, et c.
- Vision Inspection "Zero defect control machine". See separate section.

We also co-operate with independent analysis companies for impartial tests.

Traceability

Mattssons is, by using computer aid, able to control the customers needs of different types of products. The computer system assures that we do not mix different batch numbers in the different process steps. We can also provide individual marking for example socket head cap screws.

Our products are packed into Mattssons's own packages with clear marking. Our labels are provided with full information needed for full traceability. The picture below explains the information on the label.

