

# CV JOINTS & DRIVESHAFTS



With over 22 years experience of producing quality CV joints and driveshafts, our manufacturer is considered to be the best in the industry. Conforming to ISO9001, QS9000 and VDA6.1 international quality certification, their reputation has been built by paying exceptional attention to detail and 100% product quality inspections on the 7 million joints that they manufacture each year.

In spite of this they show strong environmental responsibility, wastage is kept to an absolute minimum and recycling is carried out wherever possible.

## Manufacturing

- All CV joints are developed directly in CAD from OEM samples using state-of-the-art measuring equipment.
- CV joints are hot forged from highly specified steel bar before being finish machined and precision ground using dedicated modern equipment.
- After machining, the joints are induction hardened to give the desired hardness just where it is needed.
- CV joint assembly is a manual process, using highly skilled operators who take the time to get it right. Our joints are tight and have high durability.
- The completed CV joints are then packaged with the relevant boot, clips, grease and ancillaries. Boxed in your brand ready for direct shipping.



## Quality Control

- All material is carefully checked in dedicated laboratories. All steel components are metallurgically analysed to ensure that the chemical analysis and material inner structure are correct.
- All joint ball cages are individually crack detected using ultra violet light. This is critical for the life of the joint.
- Ball tracks are checked regularly during production using internal ball micrometer. This ensures that all parts stay well inside tight tolerances.
- All newly developed joints undergo an extensive accelerated durability test programme before being released for production.
- All new CV boots are fatigue tested to ensure that they can withstand strong and frequent tension and compression. Dependent on market requirements they can be tested at the extremes of  $-38^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$ .



From factory to National Distributor - tailored to your needs

- Joints can be laser etched with your brand, logo and part number
- Joints are available in a choice of surface colours
- Ultra low temperature rubber boots available for extreme cold climates
- Quick development time available for new references

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