

# AUTOMOTIVE SUSPENSION PARTS



BALL JOINT PREFORMS

**CROSS WEDGE ROLLING  
OF BALL-TYPE PRODUCTS  
IN COMPARISON WITH COLD HEADING**

Machines:

WRL 1006TS to WRL8012 series

Capacities:

380 to 1 200 parts per hour

Advantages:

- Cross Wedge Rolling allows production of more complexly shaped parts
- Utilization of less expensive hot rolled, material
- Reduces cost of operation by 20-30%



BALL JOINT & LINKS  
FOR SUSPENSION COMPONENTS



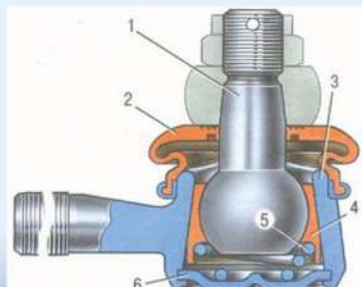
CROSS WEDGE ROLLING LINE WRL8012



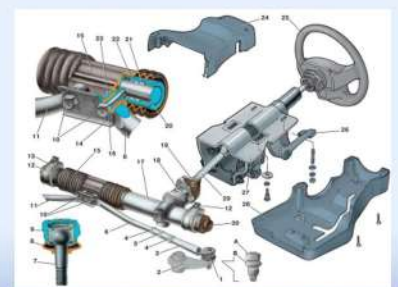
CROSS WEDGE ROLLING LINE WRL6014



BALL JOINT ASSEMBLY - CONTROL ARM



BALL JOINT ASSEMBLY- STEERING SYSTEM



STEERING SYSTEM