



# Vibration dampers for construction vehicles

## Highly flexible K and H couplings

Suitable for the primary and auxiliary drives  
of many vehicle types

- Wheel loaders
- Dump trucks
- Aircraft towing tractors
- Firefighting vehicles
- Mobile cranes
- Graders
- Underground vehicles

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## Advantages

- + Shifts resonance speeds into non-critical speed ranges
- + Dampens torsional vibrations
- + Manufactured using standardized components
- + Can be adapted to your connections

## Customer benefit

- + The system runs quieter, increasing comfort when operating the vehicle
  - + Increases the service life of all components in the driveline while keeping maintenance and repair costs low
  - + The best cost / benefit ratio
  - + Easy to integrate into the driveline of your vehicle
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## K coupling

Especially for drives with a cardan shaft

- With a rated torque of up to 1 300 000 Nm
- Maximum speed (depending on the coupling size): 13 300 rpm
- Integrated bearing to support the weight of the cardan shaft
- Outer housing protects the rubber element against external influences
- Rubber elastomer with linear stiffness characteristics
- Option for additional frictional damping
- Low maintenance requirements



K coupling  
Series 152

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## H coupling

Especially for drives with torque converter and lock-up clutch

- With a rated torque of up to 3 700 Nm
- Maximum speed (depending on the coupling size): 3 200 rpm
- Can handle high temperatures (up to 110 °C)
- Plug-in connection especially for bell-house mounted arrangements
- Completely maintenance-free and dirt-resistant
- Steel spring damper with multi-stage stiffness characteristics
- Additional viscous-hydraulic damping



H coupling  
Series 351

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