

TAV50-V2

Built for impact. Ready for heavy loads.

TAV

Strong
Nordic design.



Reliable in demanding transport operations

High-capacity timber and aggregate transport leaves no room for uncertainty. The TAV50-V2 is the result of years of development, refined to meet the demands of these demanding applications. It withstands dirt, repeated coupling impacts and heavy use, making it a dependable partner throughout the working day.

Wide coupling jaw for demanding conditions

The wide 360 mm coupling jaw guides the drawbar on rough ground and at challenging coupling angles. Coupling is quick, straightforward and reliable. The durable Finnish cast body is built to withstand thousands of coupling cycles without structural fatigue.

Rubber elements reduce wear and vibration

The natural rubber elements absorb coupling impacts and reduce vibration, improving driving comfort while extending service life. The carefully selected rubber compound combines strength and flexibility to improve the durability

Technical specifications

D value 220 kN
Coupling class: C50-X
Weight 45 kg

of the entire structure under demanding operating conditions.

Effective damping reduces stress and wear on the coupling while helping to create smoother operation. Controlled coupling movement helps minimise jolts and supports reliable long-term performance.

Engineered for durability

As payloads increase, every component of the coupling faces greater demands. The heavy-duty M48 end nut provides exceptional load-carrying capacity and helps maintain a secure connection in all conditions.

The long coupling pin, manufactured from Finnish forged steel and paired with hardened bushings, is designed to withstand demanding wear. A unique gear mechanism distributes loads evenly and raises the coupling pin smoothly throughout its movement, improving ease of operation.

The mechanism remains reliable even when dirt, ice and heavy loads increase resistance. An automatic lubricator provides continuous lubrication and further reduces maintenance requirements.

Why choose the TAV50-V2?

1 **Quick coupling**
Less time spent preparing the vehicle combination.

2 **Smoother operation**
Rubber elements absorb load changes during transport.

3 **Longer service life**
Controlled load distribution helps reduce wear.

4 **Ready for the working day**
Reliable performance in varying operating conditions.

Ready for heavier loads

Natural rubber elements absorb impacts and reduce vibration.

The gear mechanism operates reliably even in dirt and icy conditions.



Heavy-duty M48 end nut provides secure fastening under heavy loads.

Hardened coupling pin and bushings withstand demanding wear.

Wide 360 mm coupling jaw simplifies coupling on uneven terrain.

TAV Finland Oy is a Nordic manufacturer of coupling devices designed for heavy-duty use and demanding conditions. We develop our TAV solutions together with transport professionals and manufacture them in Ylöjärvi, Finland, using the best materials available. A high level of Finnish content, strict quality control and continuous product development help keep our coupling devices reliable, safe and ready for the demands of tomorrow.

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