

TRAILER AXLES



K HITCH TAPERED AXLE

Induction hardened bearing journals reduce the possibility of premature spindle wear.

Available in 127mm (5") round with 16mm & 19mm wall thickness. 127mm (5") square beams available in 10mm and 12mm wall thickness. 152mm (6") square beams available in 10mm, 12mm and 16mm thickness. Our 16mm wall axle reduces the possibility of beam failure when used in conjunction with air bag suspensions. Also available in a variety of 8 & 10 stud PCD or spider hub.

Tapered or parallel bearing configurations are available. All common 20" hub types are available including 5 spoke spider and 10 stud ISO plus standard 'Q' brake with optional 'P' type brake. Featuring 1.5" x 10" spline cam shafts.

Brake linings are riveted premium quality non-asbestos 4515.

Forged tubular beam design is used to give a smooth transition of strength between diameter of beam to bearing journal, reducing the stress concentration effect by at least 22%.

This will result in greater fatigue resistance and avoids the inherent problems experienced in this area with fabricated tube and axle stub designs.

K HITCH PARALLEL AXLE

Bearing journals are induction hardened to resist damage but controlled to enhance toughness of the axle.

OPTIONAL

Freuhauf type 16.5" and 7" quick release brakes are fitted featuring 1 5/8" diameter, 37 spline camshafts.

The camshafts are long to suit air bag suspensions.

STANDARD SPECIFICATIONS:

BEAM: 127mm (5") round one-piece heavy duty, heat treated alloy steel, with swaged spindles and induction hardened bearing journals

BEARING: Tapered 'Industry Standard' with Timken HM218248 inner cone or Parallel with HM518445 inner and outer cones

LUBRICATION: Grease (oil optional)

HUBS: Spoke or studded ISO mounting

TYRE SIZE: 20" tubed or 22½" tubeless
19½" tubed or tubeless

15" or 17" tube or tubeless

BRAKES: Heavy duty 'Q' type quick release standard with non asbestos linings

CAMSHAFT: Enclosed 10 or 37 spline, long to suit air bag

BRAKE SPIDER: One-piece forged

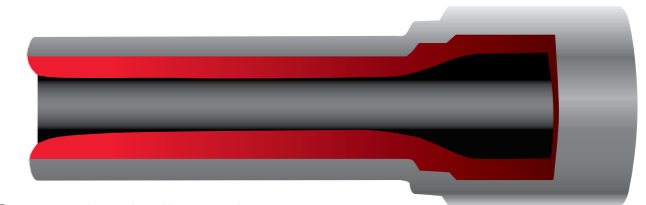
TRACK: 1850mm (73") standard
1820mm (71.5") optional
other tracks made to order

OPTIONS:

- Camshaft open
- Oil Hub
- 10, 12 & 19mm wall thickness
- Aluminium 10 stud hubs
- Centrifuse light weight drums
- One-piece square beam
- ABS Fixings
- P type brake shoe and automatic slack adjusters

The **K Hitch** trailer axles can take a heavier load

The K Hitch series of **ONE-PIECE FORGED AXLES** are suited to almost all conditions found around the world today. They are fast gaining a reputation as the toughest and most reliable axle globally. There is an axle for any application required from on highway single trailer to off highway heavy duty mining and logging.



Swaged spindle ends

FEATURES:

- Forged one-piece round or square swaged spindle beam
- Available 11.5, 13, 17 & 20 tonne capacity
- 16, 19 and 25mm round wall thickness
- Tapered or parallel bearing configuration
- Premium quality OE brake linings
- Induction hardened bearing journals
- Available in a variety of 8 and 10 stud PCD or spider hub
- 127mm (5") square beams available in 10 & 12mm wall thickness
- 152mm (6") square beams available in 10, 12 & 16mm wall thickness

Fuwa K Hitch is truly a complete axle manufacturer. Camshafts, brake shoes and slack adjusters are manufactured by Fuwa K Hitch to ensure a consistent and high quality product.