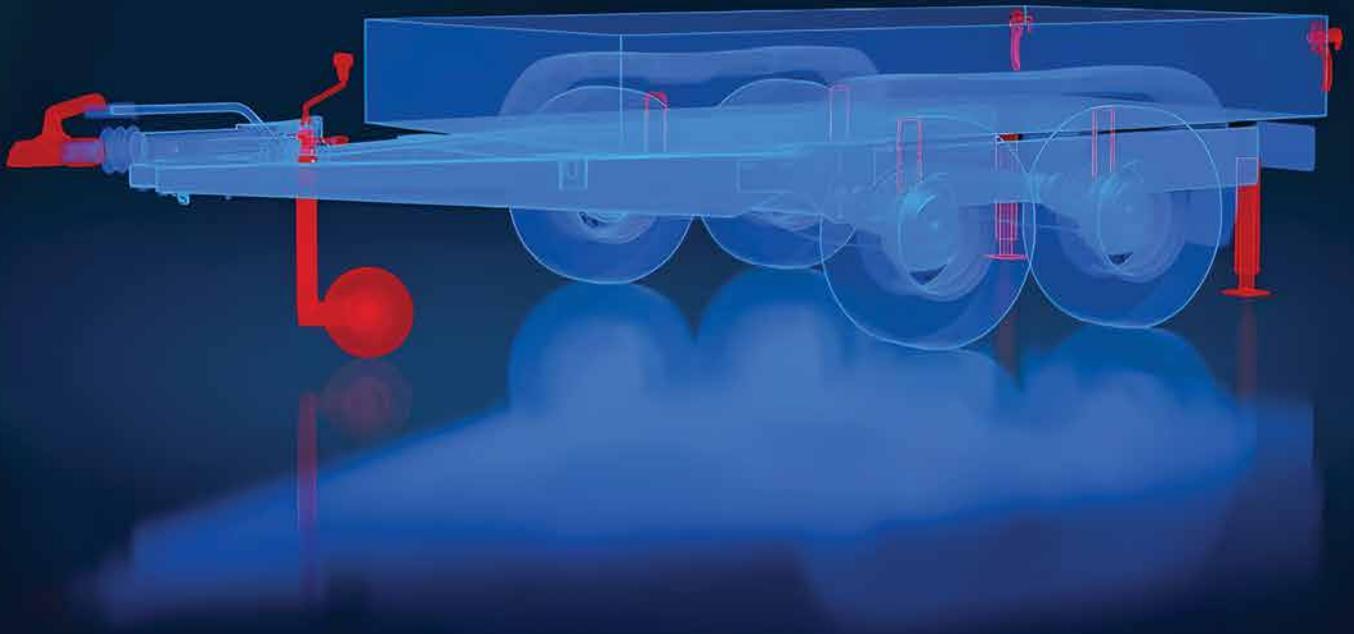


cmtrailer parts 

AN **AL-KO** COMPANY

PRODUCT CATALOGUE 2026



Email sales.nz@alko-tech.com | Phone 03 308 9918

www.alko.co.nz

Welcome to our new 2026 Product Catalogue.

Since the acquisition of CM Trailer Parts by AL-KO International, our ANZ teams have been working on integrating the operations into one entity.

Customer solutions, quality and service are at the forefront of our decision making. CM Trailer Parts and AL-KO are now integrated in one location. Optimising the product range offerings and streamlining our systems, resulting in greater customer satisfaction.

As we journey forward, customers can expect AL-KO to continue the legacy offering the same trusted product, service and traditional values, synonymous with the CM Trailer Parts Brand.

CUSTOMER SATISFACTION

AL-KO and our parent company DexKo Global values happy customers, so we guarantee high-quality products, delivered fast and supported by great service from our dedicated team, each and every time.

QUALITY AND VALUE

Designed and manufactured for durability, reliability and long life operation. We are committed to doing it right the first time and providing our customers with exceptional value for money. Hence our mantra Quality For Life.

SAFETY FIRST

We are committed to delivering market leading products that are the latest in safety, borne by investment and a rich global history in innovation to ensure where applicable, all products comply with NZ standards or other relevant international standards.

TESTED AND CERTIFIED

Extensive design and testing is carried out by our global engineering team, who develop specifically for New Zealand's arduous conditions ensuring our products meet or exceed the required standards.

INNOVATIVE SOLUTIONS

Our ongoing R & D programme means we are always developing new and improved products, which we offer as soon as testing and safety work is completed.

INDUSTRY LEADERS

We are a leading supplier of trailer parts in the New Zealand and Australian market, backed by the worldwide expertise and resources of AL-KO and DexKo Global.

As we have traditionally done, we have created this product guide for easy navigation, offering components starting at the front of the trailer, with Towballs, Winches and Couplings, Suspension packages and finishing with Lighting & Electrical and Spare Parts. We have also have spare parts for global OEM products in the spare products section.

1986

CM Spares is founded in NZ specialising in engineered supplies and auto motive spare parts.

1988

CM Spares was acquired and continued the values it was established on.

2005

CM Trailer Parts business establishes new identity with a focus on trailer equipment.

2018

CM Trailer Parts joins the DexKo Global Group becoming part of the global market leader in caravan, motorhome & trailer components.

2023

CM Trailer Parts and AL-KO merge sales and operations together under one roof.

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TOWBALLS

CM offer a comprehensive range of towballs in sizes 1 $\frac{7}{8}$ " , 50mm and 2 $\frac{5}{16}$ " .

BLISTER PACK PART NO	BULK PART NO	SIZE	THREAD	SHANK LENGTH	FINISH	CAPACITY
TE15TB178A	TE15TB178AB		$\frac{3}{4}$ " UNF	44mm	Chrome	2000kg
TE15TB178AZ	TE15TB178AZB		$\frac{3}{4}$ " UNF	44mm	Zinc	2000kg
TE15TB178C		1 $\frac{7}{8}$ "	$\frac{3}{4}$ " UNF	65mm	Chrome	2000kg
TE15TB178E			$\frac{7}{8}$ " UNF	65mm	Chrome	3500kg
TE15TB178H	TE15TB178HB		1" UNF	65mm	Chrome	3500kg
TE15TB50A			$\frac{3}{4}$ " UNF	44mm	Chrome	2000kg
TE15TB50E		50mm	$\frac{7}{8}$ " UNF	65mm	Chrome	3500kg
	TE15TB50H		1" UNF	115mm	Chrome	3500kg
TE15TB50J			1" UNF	65mm	Chrome	3500kg
	TE15TB2516	2 $\frac{5}{16}$ "	1" UNF	52mm	Chrome	3400kg



THREAD TIGHTENING TORQUE

THREAD	TORQUE
$\frac{3}{4}$ " UNF	180-220 Nm
$\frac{7}{8}$ " UNF	290-340 Nm
1" UNF	350-400 Nm

HIGH-RISE 50MM TOWBALLS & BASEPLATES

CM's high-rise towballs are designed for use with Al-Ko™ anti-sway couplings and must be used in conjunction with CM's special base plates.

PART NO	DESCRIPTION	THREAD	SHANK LENGTH	FINISH	CAPACITY
TE15TBHR50AK	Towball & baseplate kit	$\frac{3}{4}$ " UNF	65mm	Black oxide	2000kg
TE15TBHR50EK	Towball & baseplate kit	$\frac{7}{8}$ " UNF	65mm	Black oxide	3500kg
TE15TBHR50JK	Towball & baseplate kit	1" UNF	65mm	Black oxide	3500kg



DOUBLE CLEVIS LONG SHANK TOWBALLS

Ideal for use on tractors etc, and serves as a towball and tow pin through a double clevis.



PART NO	SIZE	SHANK DIAMETER	SHANK LENGTH TO LINCH PIN
TE15TB788	1 $\frac{7}{8}$ "	$\frac{7}{8}$ "	150mm
TE15TB789	1 $\frac{7}{8}$ "	1"	150mm
TE15TB790	50mm	$\frac{7}{8}$ "	150mm

*To order only

TRAILER QUIK-LOCK

TE12P045

Heavy construction trailer chain connector made from stainless steel. This model is supplied with stainless steel bolt and nut giving a towable rating of 1750kg maximum, alternatively the customer can buy a grade 10.9 hi-tensile bolt and nut giving improved maximum towable rating of 2500kg.



TRAILER QUIK-LOCK

TE12P039

Trailer safety chain connector. Maximum towable rating of 2500kg.



8mm TRAILER SAFETY CHAIN & SHACKLE

TE12M81

Comes with 1 x certified 11mm pin high-tensile dee shackle and 1 x mounting washer.

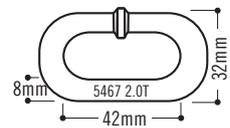
COMES WITH:

- 1 x certified 11mm pin high-tensile dee shackle
- 1 x mounting washer

PART NO	LENGTH	BLISTER PACK
TE12M81	400mm	-
TE12M81P	400mm	Yes
TE12M81-12	480mm	-
TE12M81-14	560mm	-



Note: This slim profile chain fits the Quik-locks.

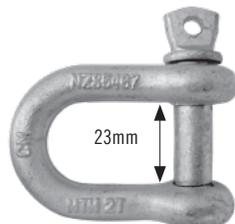


HI-TENSILE D SHACKLE 11mm

TE12M90

TE12M90P (blister pack)

- New wider opening 23mm
- Capacity 2000kg
- Destruction tested to 6500kg
- Marked NZS5467 & MTM2T
- Test certificate available



8mm HI-TENSILE BULK SAFETY CHAIN

TE12M95

CM quality safety chain is manufactured to Grade 70 which exceeds NZS5467. Rated for use up to 2000kg, this long-link 8mm high tensile chain is approved for light trailers. Every fourth link is stamped.

Available at any length.

Test certificates available upon request.



ANTI-LOSS SAFETY CHAIN (400MM)

- 1 x 3/8" stainless steel shackle with captive anti-loss pin, rated @2.5 tonne (TE12M85)
- 1 x anti-loss insert
- 1 x mounting washer

PART NO	CHAIN LENGTH	BLISTER PACK
TE12M91	400mm	-
TE12M91P	400mm	Yes
TE12M91-12	510mm	-
TE12M91-14	600mm	-

NO MORE LOST OR STOLEN SHACKLES



3/8" STAINLESS STEEL SHACKLE (with captive ANTI-LOSS PIN)

TE12M85

TE12M85P (blister pack)

This CM designed shackle has a captive pin, which means it can't fall out, saving time and money.

Plus, with a larger 23mm opening, CM's shackle also fits vehicles with heavier 22mm (7/8") thick drawbars.

Tested, certified NZS5467 and stamped 2.5 tonne. Test certificate available.

Made from long-lasting, polished stainless steel 316, will not rust or corrode.



NO MORE LOST PINS!

ANTI LOSS INSERT

TE12M45 / TE12M45P (blister pack)

Innovative design stops the shackle body from falling out so no more lost D Shackles.

Ideal for safety chains.

Fits any chain 14.5-16mm.

UV resistant.



MOUNTING WASHER

TE12M80

Used for bolting safety chain to trailer drawbar.



AL-KO MULTIFIT LEVER COUPLING

614800

The AL-KO Multifit Coupling is designed to avoid the unnecessary hassle and dangers of a mismatched combination of towball and coupling.

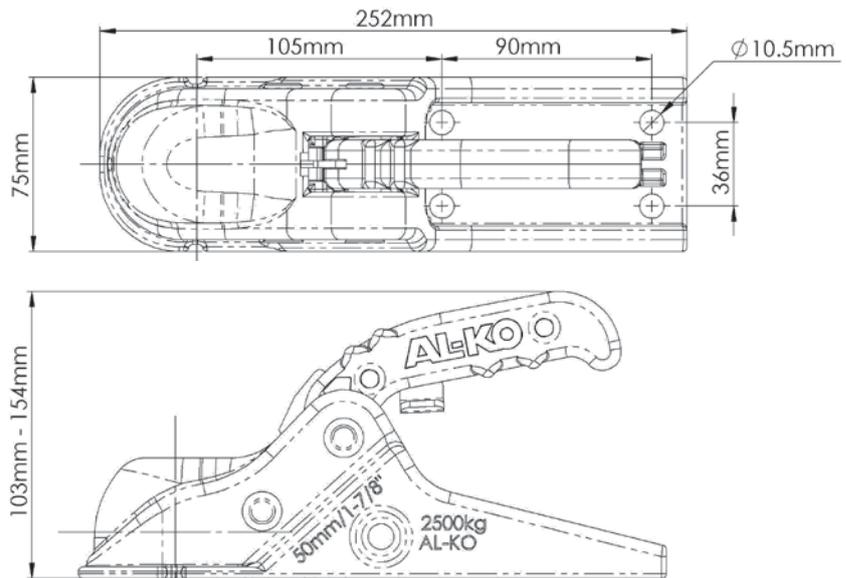
While complying with national design regulations and prioritising user safety, AL-KO has developed a unique self-locking, dual-latching system to suit 1-7/8" and 50mm towballs. The system incorporates a visual engagement indicator, and guides the user to remove unnecessary loads in the connection to avoid incidents when uncoupling loaded trailers.

These plunger couplings are manufactured from quality SG iron and are particularly popular with OEM companies.



SPECIFICATIONS

- Complies with New Zealand Transport Agency requirements
- Capacity: 2500kg
- Mounting: 4 hole, with 36mm x 90mm centres
- Finish: zinc plated
- Ball to first hole: 105mm
- Weight: 3.3 kg



AUTOMATIC PRIMARY AND SECONDARY LOCKING

AL-KO's unique self-locking engagement latch connects as it drops on to your towball.

A visual indicator is included so you can easily identify correct engagement.

SECURITY PROVISION

Protect your towable investment with confidence and ease: a 10mm hole has been designed to accept a range of lockable pins for security.

Part number:

TE12TCL100



LOW PROFILE

When engaged, the AL-KO Multifit coupling has one of the lowest profiles in the market, removing the annoyance associated with a tailgate that can not be fully opened with the trailer attached.

EASY UNLOCKING

The European-style handle has been ergonomically designed to fit effortlessly into the natural grasp, with the secondary mechanism conveniently located at your fingertip.

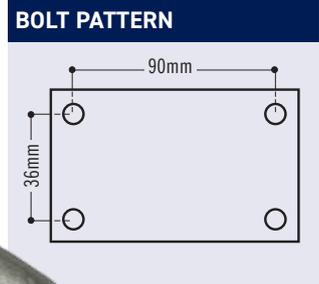
1 7/8" 50MM MULTI-FIT COUPLING WITH SECURALOK™

TE4C600Z

When towing a trailer, the trailer coupling needs to attach securely, every time. CM has conducted extensive R&D to produce a safe, strong and simple-to-connect multi-fit coupling.

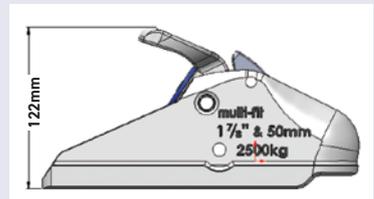
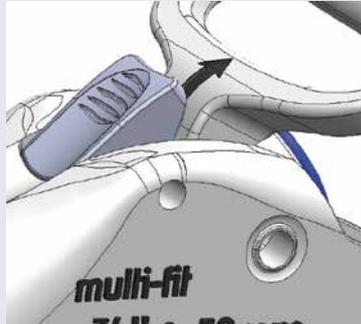
- Automatically adjusts to 50mm or 1-7/8"
- Dacromet coated finish
- Manufactured from quality SG iron
- 2500kg capacity
- Tested and certified: meets and exceeds the 2T loading specification of NZS5232:1993, even tested at load ratings of 2.5T

1-7/8" - 50mm
 2500kg capacity
 Part No: TE4C600Z



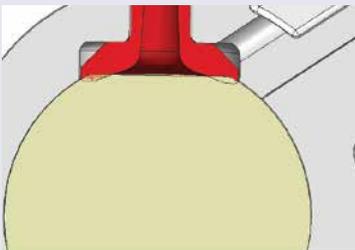
QUALITY

All internal surfaces are CNC precision machined ensuring accurate ball fitment every time.



LOW HEIGHT

The comfortable, contoured grab handle has been reduced to a low overall height of 122mm.



NO MORE RATTLE.

SILENTRIDE™ noise dampening is a patented tough poly insert that eliminates the need for anti-rattle screws.

SECURALOK™ SAFETY CATCH

The patented Securalok™ safety catch mechanism is precision cast from stainless steel 316. The catch is easy and intuitive to operate.

SECURITY LOCK FITTED



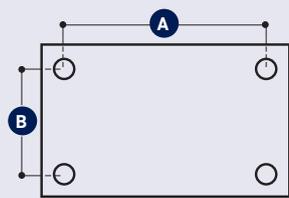
PLUNGER COUPLINGS

These plunger couplings are manufactured from quality SG iron and are popular with a lot of OEM manufacturers.

- Anti-rattle – adjuster screw minimises any rattle
- Tough – laboratory destruction tested to 13,600kg and still operable
- No Locking Pins – simply drop the plunger down
- Low Maintenance – a number of manufacturers find maintenance costs are lower than with lever couplings, and last much longer
- Available Drilled or Blank – available in two bolt patterns or blank (see chart below)



BOLT PATTERN



PART NO	SIZE	BOLT PATTERN (AxB)	FINISH	CAPACITY
TE4C788Z	1 7/8"	Blank	Dacromet coated	2000kg
TE4C788ZC	1 7/8"	101mm x 51mm	Dacromet coated	2000kg
TE4C788ZT	1 7/8"	Trojan 90mm x36mm	Dacromet coated	2000kg

LEVER COUPLINGS

614770

1 7/8" CAPACITY 2000KG

614755

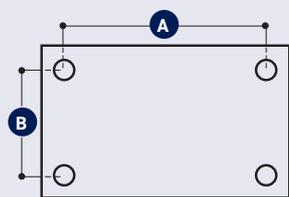
50MM CAPACITY 2000KG

Replacement lock pin kit TE19TRPT1025



614770 pictured

BOLT PATTERN



PART NO	SIZE	BOLT PATTERN (AxB)	FINISH	CAPACITY
614770	1 7/8"	90mm x 36mm	Dacromet Plated	2000kg
614755	50mm	90mm x 36mm	Dacromet Plated	2000kg

MILD STEEL FABRICATED COUPLING

TE4C740

1 7/8" agricultural weld-on mild steel fabricated coupling.

- The top of the coupling is open and mud is less likely to build up in ball area
- 2000kg capacity



TE194426 PIN KIT

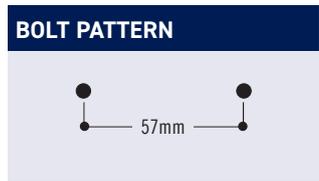
MILD STEEL FABRICATED COUPLINGS - ROAD LEGAL

TE4C832

1 7/8" pressed steel trailer coupling suitable for the smaller trailer.

Suits 50mm RHS box section.

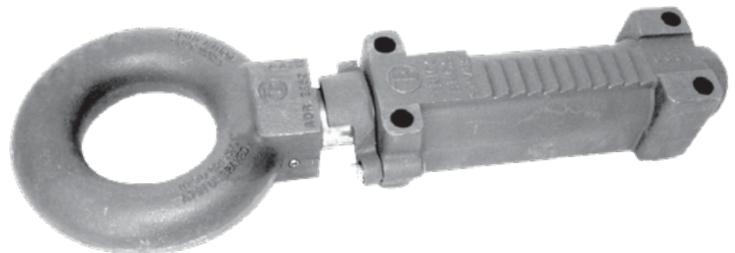
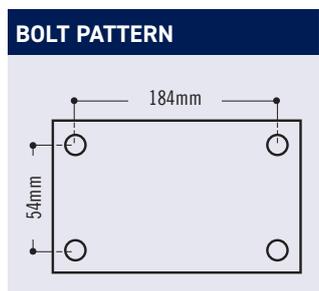
900kg capacity.



75MM RING OVERRIDE COUPLING

The head rotates through 360°. Does not include master cylinder and bracket.

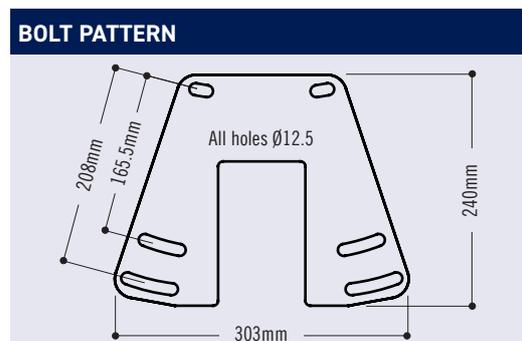
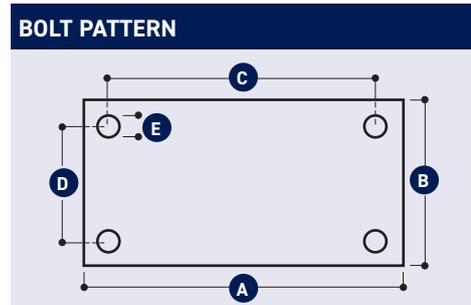
Should be used in conjunction with limited swivel baseplate TE194A790HBP to restrict rotation of ring and prevent lock-up on pintle hooks.



PART NO	SIZE	CAPACITY	FINISH
TE4C795HD One-piece forged head and mainshaft	75mm ring diameter	2500kg	Zinc plated body, self-colour head/shaft

COUPLING MOUNTING PLATES

CM stock a range of trailer coupling mounting plates to suit override, electric, plunger and lever couplings.

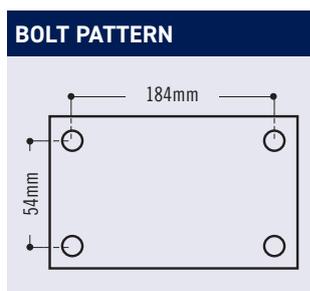


PART NO	A	B	C	D	E	THICKNESS	SUITS
TE4MP4	151mm	80mm	90mm	36mm	11mm	10mm	CM, Trojan, Viking lever couplings
TE4MP7	220mm	80mm	184mm	54mm	12mm	10mm	Override and electric couplings
TE4MPEU	-	-	-	-	-	12mm	Suits EU3500kg coupling

HEAVY DUTY TRAILER COUPLINGS

3500kg heavy duty SG Iron Coupling. Tested and certified for on-road use.

- Used in conjunction with electric drum brakes or electric / hydraulic brakes
- Mounting bolt pattern is the same as our override couplings
- Padlocking facility for security
- Available with or without handbrake lever
- Finished in attractive zinc electroplating
- CM also stock 3500kg rated towballs with a 1" shank in both 17/8" and 50mm



With Handbrake



Without Handbrake

PART NO	SIZE	CAPACITY	WITH HANDBRAKE LEVER	FINISH
614178D	1 7/8"	3500kg	Yes	Dacromet
614015	50mm	3500kg	No	Zinc Plated
614010PL	50mm	3500kg	Yes	Zinc Plated

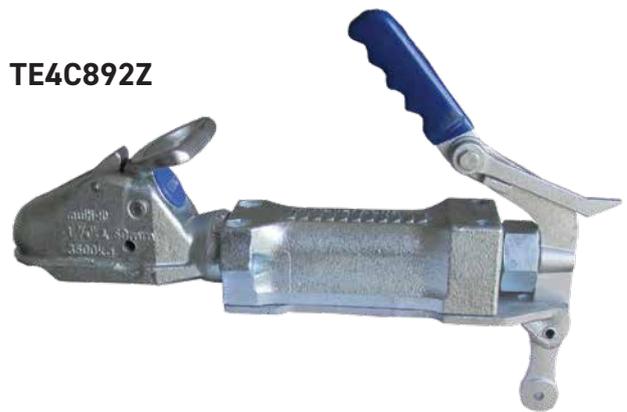
MULTI-FIT 3500KG TRAILER COUPLING

Automatically adjusts 50mm 1-7/8"



TE4C891Z

TE4C892Z



TOP TIP

ANTI-RATTLE SCREW ADJUSTMENT

“A simple fix for that incessant rattle.”

- Adjust anti-rattle screw down until it touches the towball
- Back off to allow a little movement without too much rattle. Alternatively, back off quarter to half turn to allow a little movement without too much rattle.

MASTER CYLINDERS

TE194436 - 3/4"
TE194436P BLISTER PACK

- Port entry angle on CM's 3/4" master cylinder allows the tubing to tuck in neat and thus minimising the risk of damage
- Easier and quicker to install



313001 - 3/4"
TE194437P BLISTER PACK

313007 - 7/8"



PART NO	QTY PER PACK	BORE DIA.	SIDE PORT
TE194436		3/4"	✓
TE194436P	1	3/4"	✓
313001		3/4"	
TE194437P	1	3/4"	
313007		7/8"	

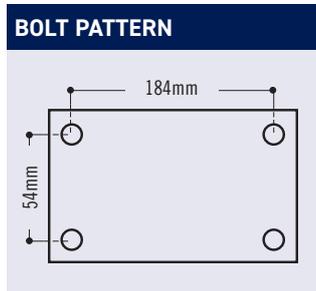
TE194440 - 3/4" CAP
TE194440P - BLISTER PACK

313008 - 7/8" CAP
TE194441P BLISTER PACK



HYDRAULIC OVERRIDE COUPLINGS

TE4C798Z with 3/4" Master Cylinder
 TE4C798Z7/8 with 7/8" Master Cylinder



CM hydraulic override couplings are supplied standard with CM's innovative design registered master cylinder with a 5-degree port entry. The CM-designed and patented sturdy foldaway handbrake lever is also supplied as standard.

- Stainless steel fasteners
- Padlock facility
- Mounting plate available TE4MP7

Folding handbrake lever and bracket also retrofits to these coupling brands: Trigg, TWL, Ark, Trailparts.

<p>With CM's master cylinder with 5° port entry, the tubing is more compact.</p>		<p>Foldaway handbrake lever</p>		<p>5-tooth precision ratchet</p>	
<p>Flexible hoses sit low for a neat and tidy look. See flexible hose kits, page 20</p>		<p>After major FEA research, CM has redesigned the 1040 mainshaft</p>		<p>CM's intuitive folding handle mechanism</p>	

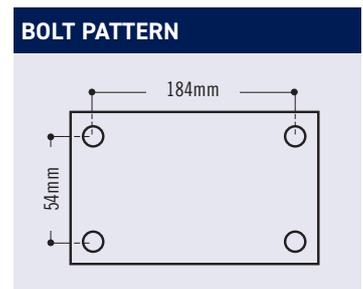
PART NO	SIZE	CAPACITY	APPLICATION	FOLDING LEVER	FINISH
TE4C798Z	1 7/8"	2500kg	Standard: 1251kg - 2500kg	■	Dacromet coated
TE4C799Z	50mm	2500kg	Standard: 1251kg - 2500kg	■	Dacromet coated

MECHANICAL OVERRIDE COUPLINGS

Mechanical override couplings supplied complete with base plate.

Attractively finished in Dacromet plating.

PART NO	SIZE	CAPACITY	FINISH
TE4C796Z	1 7/8"	2500kg	Dacromet Plated
TE4C797Z	50mm	2500kg	Dacromet Plated



Replacement handbrake lever
TE194457Z - CM
614053 - ALKO

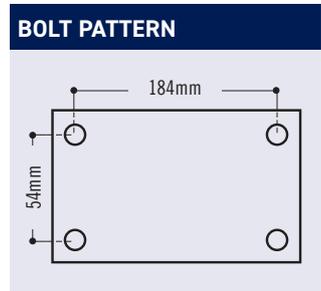
1 7/8" / 50MM MULTI-FIT OVERRIDE COUPLING WITH SILENTRIDE™

TE4C698Z C/W 3/4" Master Cylinder

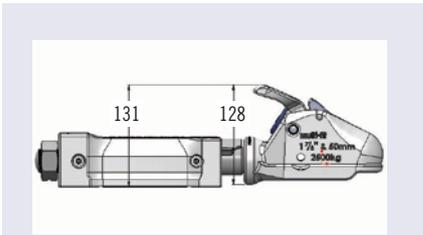
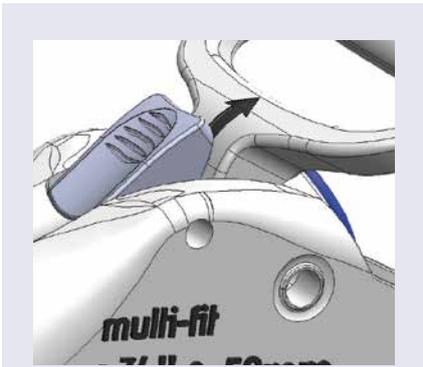
TE4C698Z7/8 C/W 7/8" Master Cylinder

- Automatically adjusts to 50mm or 1-7/8"
- Dacromet coated finish
- Manufactured from quality SG iron
- 2500kg capacity
- Tested and certified: meets and exceeds the 2T loading specifications of NZS5232:1993, even tested at load rating of 2.5T

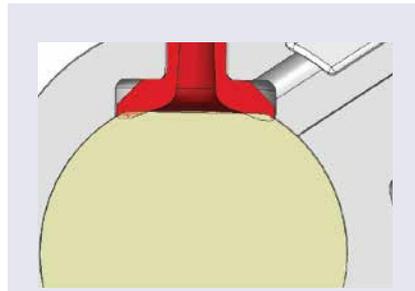
When towing a trailer, the trailer coupling needs to attach securely, every time. CM has conducted extensive R&D to make a safe, strong and simple-to-connect multi-fit coupling.



QUALITY
All internal surfaces are CNC precision machined ensuring accurate ball fitment every time.



LOW HEIGHT
The comfortable, contoured grab handle has been reduced to a low overall height of 131mm.



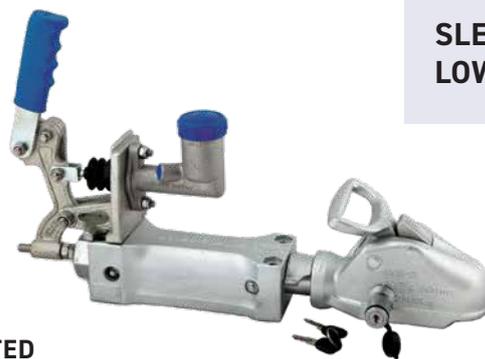
NO MORE RATTLE
SILENTRIDE™ noise dampening is a patented tough poly insert that eliminates the need for anti-rattle screws.

SECURALOK™ SAFETY CATCH
The patented Securalok™ safety catch mechanism is precision cast from stainless steel 316. The catch is easy and intuitive to operate.



SLEEK NEW LOWER HEAD DESIGN

SECURITY LOCK FITTED



75MM FIXED RING COUPLINGS

614309

- ADR Rating: On road 3500kg
Off road 6000kg
- Can be used with a mechanical park brake lever assembly
- 40mm thick ring section

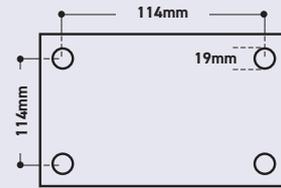


3" TOWING EYE

TE4C959

3" towing eye. 27000kg capacity.
Complies with SAE 847.

BOLT PATTERN



PINTLE HOOKS

614312

- On road: 5000kg capacity
- Tested and complies with SAE J684



BALL AND PINTLE

TE4C980

3500kg capacity.

614310

50mm ball and pintle.
3500kg capacity.



TE4C988

- On road: 3500kg capacity
- Off road: 10,000kg capacity
- Tested and complies with SAE J684



Designed to tow trailers with either 1 7/8" towball coupling or ring towing eyes with minimum eye diameter of 63mm.

Double locking system. Lock the hook by fitting the security pin. Never use without the security pin in place.

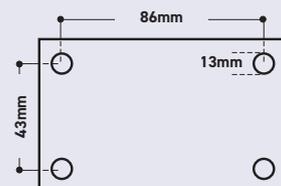
Tested and complies with NZS5232:1993 and SAE J684.

TE4C989

- On road: 27,000kg capacity
- Rated to SAE J847



BOLT PATTERN



GOOSENECK COUPLING

TE4C970

- 2 5/16" ball size
- Weld-on
- Rated at 9070kg
- Maximum download rating: 2700kg
- Adjustable capped pipe
- Closed height: 750mm
Extended height: 1029mm
- Product meets SAE J2638 - 5th wheel and gooseneck attachment performance up to 20,000lbs



GOOSENECK HITCH BALL

TE4C974

- 2 5/16" Atwood folding hitch ball.
- Folds away, leaving the truck deck flush.
- Minimal opening requirement: a 215mm x 292mm hole is all that is needed in the truck deck. All other attachments are hidden from view.
- No tools required: simply fold down the hitch ball when not in use.



TOP TIP

TRAILER MAINTENANCE

“Keep your trailer properly maintained or it can be a hazard to yourself or other road users.”

- Check tyre pressures regularly & look for wear/damage.
- Check wheel bearings regularly, jack the trailer up and spin the wheels, listening for rumbling noises, which indicate worn wheel bearings (see page 110).
- Check wheel nuts are tight.
- Check lights, plugs and wiring are in good condition.
- Check for excessive wear of spring eye bushes and bolts, check bolts and spring U-bolts are tightened.
- Check override coupling and grease regularly. Test master cylinder and check fluid level.
- Check drawbar and chassis for cracks or corrosion.
- Check brake calipers and slave cylinders for leakage plus brake lines for fracture and leakage.
- Check disc pad wear. For drum brakes check and adjust the brake shoes. Replace if necessary.
- Trailers with a GLW of 2001kg to 2500kg are required to have a double safety chain crossed over when fitted. Trailers with a breakaway system do not require safety chains, but can be fitted with both.
- Trailers with a GLW of 2501kg to 3500kg are required by law to be fitted with a breakaway system.

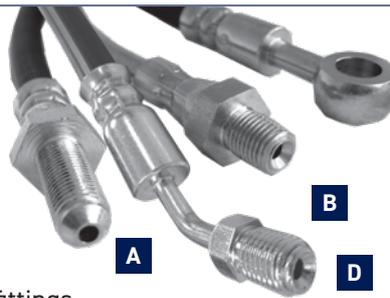
HOSE & FITTING KIT

Complete with installation instructions.

PART NO	DESCRIPTION	HOSES
TE5HKJ1	Disc Brake Single Axle 45° End suits Deemaxx & Kodiak calipers	2
TE5HKJ1SS	Disc Brake Single Axle 45° with stainless ends	2
TE5HKJ-2	Disc Brake Tandem Axle 45° End suits Deemaxx & Kodiak calipers	4
TE5HKJ2SS	Disc Brake Tandem Axle 45° with stainless ends	4
TE5HKJ3	Disc Brake Triple Axle 45° End suits Deemaxx & Kodiak calipers	6
TE5HKTR1	Disc Brake Single Axle	2
TE5HKTR2	Disc Brake Tandem Axle	4
TE5HKTR3	Disc Brake Triple Axle	6
TE5HKDR	Drum Brake Single Axle	1
TE5HKDR2	Drum Brake Tandem Axle	2
TE5HKMCB	Banjo Master Cyl Flexible Hose Kit	1
TE5HKMC	Master Cyl Flexible Standard Hose Kit	1
TE5HKTRB1	Banjo Disc Brake Hose Kit	2
313024NSP	Disc brake Single axle Suits ALKO	2
313024HDR	Hydraulic drum brake Single axle ALKO	1



BRAKE HOSES



Stainless steel braided hoses have a clear plastic cover and stainless steel fittings.

A - 3/8" SAE Male Drill Point Flare.
Thread Length = 18mm - 21mm.

B - 3/8 SAE Male Inverted flare.
Thread length = 10mm - 12mm.

C - Banjo. Diameter = 10.10mm.

Uses 3/8" SAE Banjo Bolt Part Number TE195HDB (sold separately).

D - 3/8 SAE Male Running Nut, 45° End

PART NO	DESCRIPTION	HOSE	LENGTH	ENDS	FITTING	FITTING
TE195HDR	Drum Brake Hose	Rubber	400mm	Steel	A	B
TE195HDI	Disc Brake Hose	Rubber	500mm	Steel	A	B
TE195HBANJO	Banjo Brake Hose	Rubber	430mm	Steel	A	C
TE195HDJ	Disc Brake Hose 45° End	Rubber	500mm	Steel	A	D
TE195HDJSS	Disc Brake Hose 45° End	Rubber	500mm	Stainless Steel	A	D

STEEL BUNDY TUBING

Zinc electroplated finish.

313600 - 3/16" X 6M

TE5HBUNDY-7.5

7.5m roll

TE5HBUNDY-30

30m roll



CUPRO-NICKEL TUBING

TE5HK1 - 3/16" X 7.6M

A seamless 90% copper / 10% nickel automotive approved high-pressure brake line. Unlike copper, it won't harden and is superb to work with.

TE5HK30

30m roll



BRASS 3-WAY TEE**333333**

3/8" SAE

**BRASS 4-WAY CROSS****TE195M7024**

3/8" SAE

**3/16" BUNDYTUBE JOINER****TE195M6203**3/8" SAE female joiner
with male tube nuts**TUBE NUT****313030**3/8" SAE x 3/4" (l) overall.
Fits 3/16" tubing**TUBE NUT****313031**3/8" SAE x 9/16" (l) overall.
Fits 3/16" tubing**BRASS TUBE NUT****TE195BP9**3/8" SAE x 11/16" (l) overall.
Fits 3/16" tubing**BANJO BOLT****TE195HDB**

3/8" SAE Banjo Bolt

**MASTER CYLINDER ADAPTER/NUT****TE195MCA**

3/8" SAE Adapter/Nut

**BRASS OLIVE****TE195603**

Fits 3/16" tubing

**COPPER WASHER****319102**

10mm inside diameter

**BRASS LOCK NUT****TE195LN**Fastens brake hose to chassis
bracket. 3/8" SAE**HOSE BRACKET****TE195LB**Hose bracket, welds to chassis.
Dimensions: 23mm (w) x 40mm (h)**PLASTIC BUNDY TUBE CHASSIS CLIPS****TE5HB01SS**

Stainless steel 3/16" tube clamp

**TE5HB02**Inside diameter: 6mm
Rivet hole: 3.5mm**TE5HB01SSP**

(blister pack of 20)

TE5HB01Inside diameter: 5mm
Rivet hole: 4.5mm**TE5HB01P**

(blister pack of 20)

HAND BRAKES

619100

Side mounted bolt-on hand brake unit. For mounting on a horizontal surface.



619150

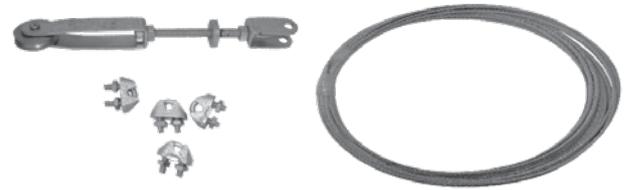
Centre mounted bolt-on hand brake unit. For mounting on a horizontal surface.



PARK BRAKE CABLE KIT

TE5MCK

Includes 9mtr x 4mm wire cable (part **TE195HC**), 6 clamps (part **TE12AG51**), cable adjuster (part **323021**).



BRAKE CABLE PULLEY

323023

Single bolt-on pulley.



CABLE ADJUSTER & TURNBUCKLE

323021

Galvanised body, stainless steel fastener and roller.

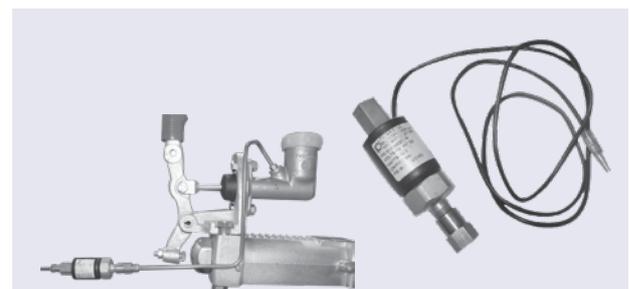


SOLENOID AUTO BACK-UP VALVE

TE5BV1

Designed for use in conjunction with override brake systems, this solenoid valve prevents the brakes from locking on when reversing the vehicle. Simply plumbed into the master cylinder brake pipe and wired into the tow vehicle reversing lights, this normally open valve closes, preventing any line pressure to the brakes.

- Easy to install
- 12 volt
- 3/16" SAE FIF inlet and outlet



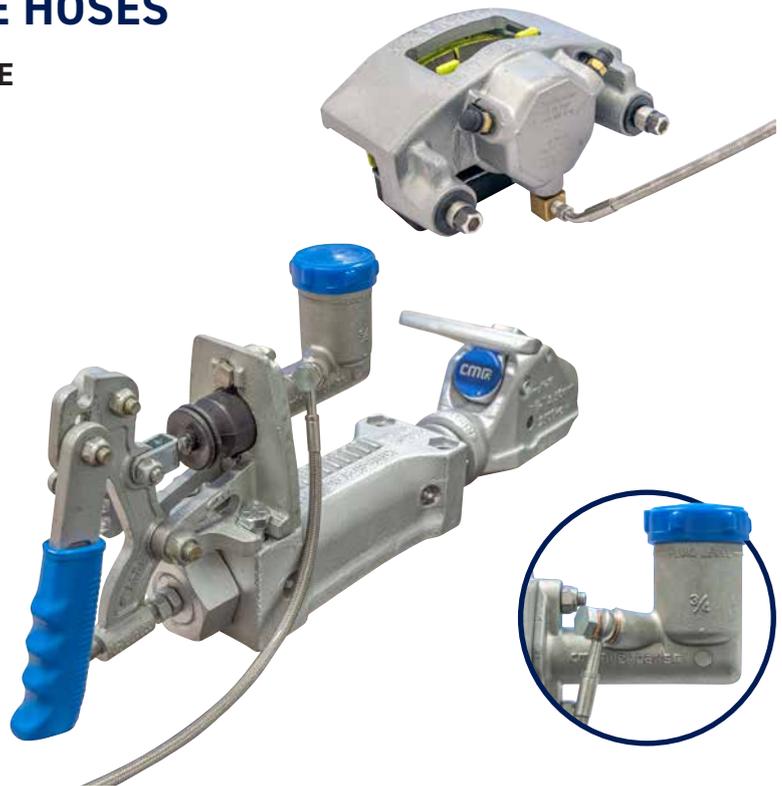
NO MORE HAVING TO FLIP THE REVERSE LATCH OVER!

BRAIDED TRAILER BRAKE HOSES

PVC/BRAIDED STAINLESS STEEL/PTFE

BENEFITS

- Quick Installation
- 3000psi Tested
- SAE Approved
- New or Replacement Hoses
- Banjo or Threaded Fittings
- Single or Tandem Axles



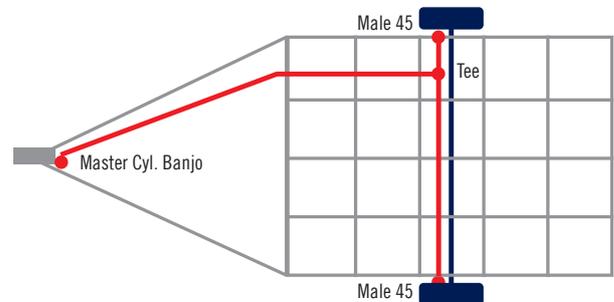
HOSE KITS

KIT 1 - Single Axle Master Cylinder to Central Tee

PART NO	LENGTH	TYPE	FITTINGS
TE5BHK125	2500mm	Hose	Banjo/Male
TE5BHK130	3000mm	Hose	Banjo/Male
TE5BHK135	3500mm	Hose	Banjo/Male
TE5BHK140	4000mm	Hose	Banjo/Male
TE5BHK150	5000mm	Hose	Banjo/Male

All kits contain

- | | |
|----------------------|-----------------------------------|
| x1 Single Banjo Bolt | x1 600mm Hose - Male/Male 45 deg |
| x2 Copper Washers | x1 2000mm Hose - Male/Male 45 deg |
| x1 Brass Tee | x1 Draw bar hose length to suit |

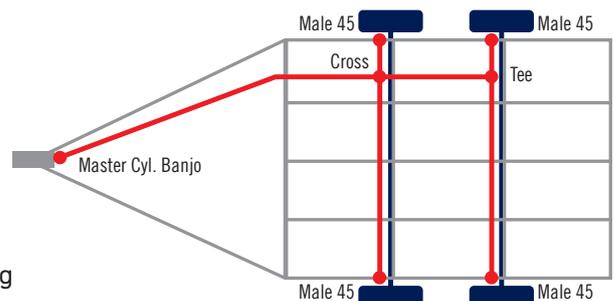


KIT 2 - Tandem Axle Master Cylinder to Central Tee

PART NO	LENGTH	TYPE	FITTINGS
TE5BHK230	3000mm	Hose	Banjo/Male
TE5BHK235	3500mm	Hose	Banjo/Male
TE5BHK240	4000mm	Hose	Banjo/Male
TE5BHK250	5000mm	Hose	Banjo/Male

All kits contain

- | | |
|----------------------|----------------------------------|
| x1 Single Banjo Bolt | x2 600mm Hose Male/ Male 45 deg |
| x2 Copper Washers | x2 2000mm Hose Male/ Male 45 deg |
| x1 Brass Tee | x1 800mm Extension Hose |
| x1 Brass Cross | x1 Draw bar hose length to suit |

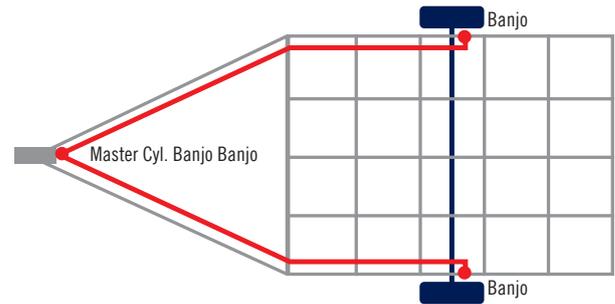


KIT 3 - Single Axle Twin Lines Banjo - Banjo

PART NO	LENGTH	TYPE	FITTINGS
TE5BHK325	2500mm	Hose	Banjo/Banjo
TE5BHK330	3000mm	Hose	Banjo/Banjo
TE5BHK335	3500mm	Hose	Banjo/Banjo
TE5BHK340	4000mm	Hose	Banjo/Banjo
TE5BHK350	5000mm	Hose	Banjo/Banjo
TE5BHK360	6000mm	Hose	Banjo/Banjo

All kits contain

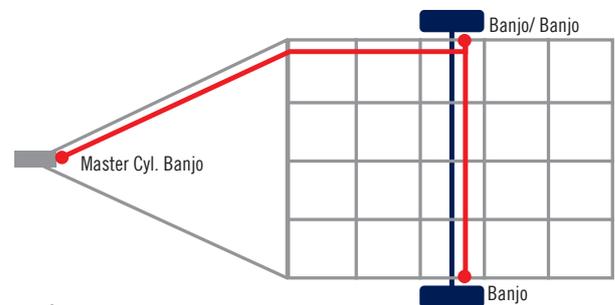
x2 Single Banjo Bolt x7 Copper Washers
x1 Double Banjo Bolt x2 Draw bar hose length to suit

**KIT 4 - Single Cross Axle Banjo - Banjo - Banjo**

PART NO	LENGTH	TYPE	FITTINGS
TE5BHK450	5000mm	Hose	Banjo/Banjo
TE5BHK460	6000mm	Hose	Banjo/Banjo
TE5BHK470	7000mm	Hose	Banjo/Banjo
TE5BHK480	8000mm	Hose	Banjo/Banjo

All kits contain

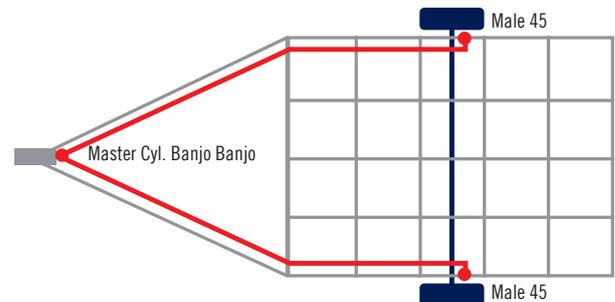
x1 Banjo to Banjo 2500mm Hose x7 Copper Washers
x2 Single Banjo Bolt x1 Draw bar hose length to suit
x1 Double Banjo Bolt

**KIT 5 - Single Axle Lines Banjo - M45**

PART NO	LENGTH	TYPE	FITTINGS
TE5BHK550	5000mm	Hose	Banjo/Male 45deg
TE5BHK560	6000mm	Hose	Banjo/Male 45deg
TE5BHK570	7000mm	Hose	Banjo/Male 45deg
TE5BHK580	8000mm	Hose	Banjo/Male 45deg

All kits contain

x1 Double Banjo Bolt x2 Draw bar hose length to suit
x3 Copper Washers



AL-KO iQ7™

AL-KO iQ7 is a power-assisted hydraulic actuation system designed for larger trailers. Two models are available to suit Class TB trailers up to 3500kg GVM and Class TC up to 6000kg GVM.



SPECIFICATIONS

- Available as 1000psi to suit Class TB trailers up to 3500kg GVM and 1400psi HT to suit Class TC trailers up to 6000kg GVM
- Compatible for disc or drum brake
- Internal or external mounting options
- Australian made

FEATURES AND BENEFITS

- The AL-KO iQ7 allows the control of hydraulic brake systems from the driving position via an in-vehicle brake control device.
- The system converts electronic signals from the controller to hydraulic pressure delivered to the brake system.
- Stored compressed air within a pressure chamber allows immediate brake application the instant it is required, significantly improving performance.
- The system integrates breakaway technology to arrest the trailer should it detach from the tow vehicle (a legal requirement for trailers or caravans over 2.5 tonne).
- The iQ7 Extreme actuator should only be used with the 'extreme' package. The iQ7 'E' version should be used with an AL-KO approved in-car electric brake controller.

355002 355002E (Electric brake controller) iQ7 ACTUATOR 1000PSI



355520 iQ7 HT 1400PSI

Converts electronic signal to hydraulic pressure.

Breakaway activates trailer brakes if detaches from tow vehicle.

Heavy-duty compressor for ultimate stopping power.

355005 BRAKE PEDAL PAD Manual vehicles

45mm wide x 60mm long.



355006 BRAKE PEDAL PAD Automatic vehicles

45mm wide x 115mm long.

Smoother proportional braking.

Faster response time.

Greater control in an emergency.

355148 EVO CONTROL UNIT



Detects and informs driver of:

- Lack of air pressure.
- Air leakage.
- Inadequate power feed.
- Excessive duty cycle.
- Trailer disconnection.

355008 CONTROLLER MOUSE

Panic button for independent braking of the trailer in emergency situations.

Gain control lever for instant adjustment of braking characteristics.



355045 iQ7 BLEED GUN ASSEMBLY

Used to bleed the iQ7 system.



MEET NEW ZEALAND'S LEGAL REQUIREMENTS

New Zealand Land Transport Rules state any trailer over 2.5 tonnes and under 3.5 tonnes must incorporate direct or indirect (refer to Land Transport Rule: Light-vehicle Brakes Amendment 2019) service brakes and a breakaway brake system.

DIRECT SERVICE BRAKES

This service brake system allows the driver of the towing vehicle to directly control the trailer brakes from the driving position. This includes pneumatic over hydraulic systems, controlled directly by the driver of the towing vehicle.

BREAKAWAY BRAKE SYSTEM

This system will apply brakes automatically if the trailer is accidentally disconnected from the vehicle. System must be capable of applying brakes for at least 15 minutes.

AL-KO IQ7 ACTUATOR – 1000PSI

This power-assisted hydraulic actuation system is specifically designed to suit Class TB trailers up to 3500kg GVM and is compatible with disc or drum brake systems.

355014A

iQ7 Xtreme 1000psi Full actuator and in-car kit. Automatic. No ABS, No load sensing.

SUITABLE FOR CLASS TB TRAILERS UP TO 3500KG GVM



QUANTITY	DESCRIPTION	PART
1	iQ7 Actuator 1000psi	355002
1	Automatic Brake Pad	355006
1	Mouse assembly	355008
1	Evo controller	355148
1	Wiring loom 6.5m	350003XL
1	iQ7 12pin socket	350164
1	iQ7 circuit breaker	350215

355014M

iQ7 Xtreme 1000psi Full actuator and in-car kit. Manual. No ABS, No load sensing.

SUITABLE FOR CLASS TB TRAILERS UP TO 3500KG GVM



QUANTITY	DESCRIPTION	PART
1	iQ7 Actuator 1000psi	355002
1	Manual Brake Pad	355005
1	Mouse assembly	355008
1	Evo controller	355148
1	Wiring loom 6.5m	350003XL
1	iQ7 12pin socket	350164
1	iQ7 circuit breaker	350215

AL-KO IQ7 XTREME HT1400 - 1400PSI

This system has been designed specifically for trailers exceeding 3.5 tonne. These actuators are perfect for compliance with NZTA's Heavy Vehicle Brake Rule.

A high performance brake actuator with the power to stop trailers with a GVM of up to 6 tonne, the HT1400 brings technology to the under ten tonne market that was previously only available with high-end products.

The sophisticated self contained air-over-hydraulic system uses a built-in compressor that is independant of the tow vehicle allowing the braking system to be utilized by tow vehicles not fitted with on-board air.

Alike other iQ7 actuators, the systems control interface is the

patented EVO controller which is installed in the tow vehicle, and legally required break-away system is a fully integrated part of the actuator.

High performance solenoid valves and smart design have resulted in the HT1400 being able to generate full operating pressure in 0.29 seconds.

AL-KO iQ7 systems are designed for simple installation and operation, accordingly a four wire hookup (standard actuator), one hydraulic line and four bolts are all that's

required to complete the actuator installation.

- Max pressure = 1400 psi
- 0-1400psi = 0.29 sec
- Weight = 6.0kg
- Height = 255mm
- Length = 270mm
- Width = 170mm

350520A

iQ7 Xtreme 1400psi Automatic. Actuator and in-car kit.

HT-1400 SUITABLE FOR CLASS TC TRAILERS UP TO 6000KG GVM



QUANTITY	DESCRIPTION	PART
1	iQ7 Actuator HT1400psi Actuator	355520
1	Automatic Brake Pad	355006
1	Mouse assembly	355008
1	Evo controller	355148
1	Wiring loom	350003
1	iQ7 12pin socket	350164
1	iQ7 circuit breaker	350215

350520M

iQ7 Xtreme 1400psi Manual. Actuator and in-car kit.

HT-1400 SUITABLE FOR CLASS TC TRAILERS UP TO 6000KG GVM



QUANTITY	DESCRIPTION	PART
1	iQ7 HT1400psi Actuator	355520
1	Manual Brake Pad	355005
1	Mouse assembly	355008
1	Evo controller	355148
1	Wiring loom	350003
1	iQ7 12pin socket	350164
1	iQ7 circuit breaker	350215

355013AXL

iQ7 Xtreme in-car kit only. Automatic.



QUANTITY	DESCRIPTION	PART
1	Automatic Brake Pad	355006
1	Mouse assembly	355008
1	Evo controller	355148
1	Wiring loom 6.5m	350003XL
1	iQ7 12pin socket	350164
1	iQ7 circuit breaker	350215

355013MXL

iQ7 Xtreme in-car kit only. Manual.



QUANTITY	DESCRIPTION	PART
1	Manual Brake Pad	355005
1	Mouse assembly	355008
1	Evo controller	355148
1	Wiring loom 6.5m	350003XL
1	iQ7 12pin socket	350164
1	iQ7 circuit breaker	350215

ELECBRAKES EB2

TE195ELBC-EB2

EB2 will measure the power applied to the brakes and feed this information back to the user's app. It can be used for intelligent diagnosis.

EB2 will have improved firmware update capabilities allowing feature updates, accessible through the Elecbrakes App via the user's phone.

12V-24V multi volt compatible.



TE195ELBC-EB2



**TE195ELEBR
REMOTE**

ITEM CODE	DESCRIPTION
TE195ELTWL	Wiring lead
TE195ELA12-12	12 pin Male to 12 pin Female
TE195ELPP7-7	7pin male to 7 pin female elecConnect adaptor and 1.2m elecConnect lead

All wiring options come with a prewired Deutsch plug.

Take control of your towing experience with the Elecbrakes App, fully integrated with Apple CarPlay and Android Auto and now your brake response settings are now just a tap away, right from your dashboard.

No matter what you're towing, ElecBrakes game-changing SwayControl technology controls the risk of trailer sway, making towing safer than ever before. ElecBrakes have fully integrated intelligent SwayControl into their EB2 brake controllers at no extra cost.

- Easy To Install
- Plug + Play
- Trailer Mounted Flexibility
- Multiple Vehicle Towing Capability
- 5 User Defined Programs



TE195ELPP7-7

HAYES BRAKE CONTROLLER - ENERGIZE III

TE5EC81741B

Smooth, proportional trailer braking.

Handles up to two brake axles.

For all single and tandem axle trailers equipped with electric brakes.

Fully adjustable gain setting wheel. Wide range of mounting positions – perfect for steep dash surface mounting. Red LED indicator displays braking intensity and warns of short circuit. Five-year limited warranty. 12 volt.



TEKONSHA PRIMUS IQ ELECTRIC BRAKE CONTROLLER

333063

- Proportional motion sensing.
- Utilizes Plug-N-Play port for 2-plug adapters.
- Self-diagnostics features will illuminate LED read-out when issues occur.
- Includes a “Boost” feature.
- Works proportionally in reverse.
- Snap-in dash mounting clip and hardware included.
- Digital LED readout.
- Approved for: ESC, IQ7 & IQ7 Outback.



TEKONSHA P3 ELECTRIC BRAKE CONTROLLER

333065

- Proportional motion sensing.
- 5 storable setting options.
- Distinct, easy to read LCD display with colour options.
- Flashing red warning for no Trailer brake situations.
- Select Electric over Hydraulic or Electric brake option.
- Snap in, easy to remove for theft prevention.
- Boost feature for levels of customised of braking.
- LED indicator showing status of braking system.
- Approved for: ESC, IQ7 & IQ7 Outback.



ELECTRIC DIAL RESISTOR A.C.C.12 VOLT

333029

Mountable to the trailer in a pre-set and go application. Easy to install. No need for in car controller. Easier to share trailers.

Note: This controller requires sufficient 12 volt power to break safely. This controller cannot be adjusted from the drivers seat.



DEXTER ELECTRIC HYDRAULIC ACTUATOR

357160 - 1600 PSI ACTUATOR

357100 - 1000 PSI ACTUATOR

When your trailer is equipped with Dexter's DX Series Electrically controlled hydraulic brake actuator, you can be assured that years of engineering expertise, precision design work and rigorous product testing are going to work with every brake application. It's braking you can depend on. When it comes to your trailer's braking system, **DEMAND BETTER. DEMAND DEXTER.**

SUPERIOR PERFORMANCE

Unlike surge actuators, the pressure output to the brakes corresponds directly with the voltage output from the brake controller, delivering smooth, proportional braking.

DURABLE DESIGN

All aluminium body for strength and resistance to corrosion.

All stainless steel fasteners.



SPECIFICATIONS

- E/H 1600 Model -1,600 psi - suitable for disc brakes.
- E/H 1000 Model - 1,000 psi - suitable for disc and drum brakes.
- Requires a four wire trailer hookup and minimum 9 amp hour break away battery.
- Uses DOT 3 or 4 brake fluid.
- Dimensions : 270mm long x 140mm wide x 178mm high.
- Bolt mounting pattern 250mm 63.5mm.
- 12V only



Please contact CM regarding use for COF.

DEXTER E/H COMPATIBILITY ADAPTER KIT

TE5EHCM

If the electric brake controller is not satisfied with the DX Series E/H actuators internal load simulator, a Dexter compatibility adapter made be required.



BREAKAWAY KIT

TE5EHBK 5AMP

The Engager trailer breakaway system changes the way consumers protect their trailer investment, providing:

- Built-in battery meter and charger with LED test lights.
- LEDs indicate: fully charged, re-charge, or charging.
- Suits 1 to 2 braked axles.



KIT CONSISTS OF:

- Breakaway switch
- Battery charger circuit
- 5 amp 12 volt battery and case
- Australian made

BREAKAWAY SYSTEM FOR DEXTER PUMPING UNITS

333085

- Built in battery charger
- 9ah battery to suit dexter pump requirements
- Breakaway switch
- Housed in a battery box



EMERGENCY BREAKAWAY SWITCH

TE5EWAY

Attached to the trailer drawbar this switch activates the trailer brakes should it become detached from the towing vehicle.



RECOILING BREAKAWAY CABLE

TE5EWAY3

TE5EWAY4 (Includes recoil cable and breakaway switch)

This recoiling breakaway cable is designed to engage trailer brakes in emergencies should it become disconnected.

- Re-coils to keep cable off the ground
- Coated high strength cable
- Retrofits onto most Breakaway switches
- Easy to connect with a Carabina hook
- Quick & easy to replace old cable



PREMIUM JOCKEY WHEEL RANGE



626202

CM Premium 150mm Swing Up Jockey Wheel, Zinc Plated.



628201

CM Premium 200mm Swing Up Jockey Wheel, Zinc Plated.



628202

CM Premium 230mm Swing Up Jockey Wheel, Zinc Plated.



628206

CM Premium 250mm Swing Up Jockey Wheel, Zinc Plated.

DETAIL	SPECIFICATION
Wheel Size	150mm x 70mm
Capacity	250 kg
Minimum Height	510mm
Extension	265mm

DETAIL	SPECIFICATION
Wheel Size	200mm x 50mm
Capacity	300 kg
Minimum Height	570mm
Extension	250mm

DETAIL	SPECIFICATION
Wheel Size	230mm x 80mm
Capacity	400 kg
Minimum Height	600mm
Extension	265mm

DETAIL	SPECIFICATION
Wheel Size	250mm x 80mm
Capacity	400 kg
Minimum Height	650mm
Extension	295mm

APPLICATIONS

Light general trailers, light boat trailer. Best for short maneuvering on solid to very firm terrain.

APPLICATIONS

General trailers, boat trailers and small horse floats. Best for maneuvering on solid to very firm terrain.

APPLICATIONS

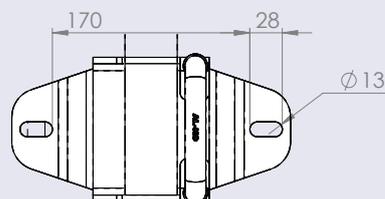
General trailers, boat trailers, campers and small horse floats. Easier maneuvering on softer terrain.

APPLICATIONS

Large trailers, boat trailers horse float, campers and caravan. Easier maneuvering on softer terrain.

MOUNTING

Horizontal slots 25mm x 13mm spaced at 150mm centres allows for bolting. The 8mm plate is suitable to be welded when required.



ACCESSORIES AVAILABLE TO SUIT THE CM PREMIUM RANGE OF MACHINERY STANDS



WELD ON BRACKETS

If you want to weld a self colour bracket on prior to galvanising these brackets are sold separately.

629940 STANDARD



SPARE WHEELS



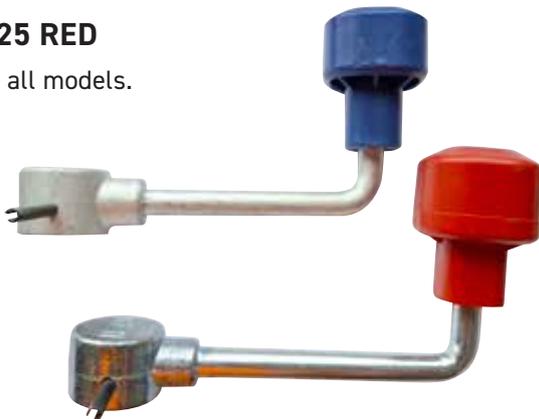
WHEEL NUMBER	DIAMETER	WIDTH	BORE SIZE	SUITS JOCKEY WHEEL
628210	150mm	70mm	16mm	626202
628211	200mm	50mm	20mm	628201
628212	230mm	80mm	20mm	628202
628213	250mm	80mm	20mm	628206

WINDING HANDLE

628214 BLUE

629625 RED

To suit all models.



BEARING KIT

629611SP

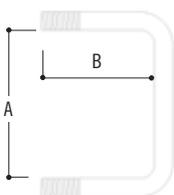
To suit all models.



CLAMP KIT

629925 JOCKEY WHEEL CLAMP

Backing swivel Plate and U Bolt Kit.



CLAMP KIT (BRACKET & U-BOLT KIT)	U-BOLT KIT	MEASUREMENT A	MEASUREMENT B	THREAD SIZE
626260JWCK	626260	100mm	75mm	½" BSW
626262JWCK	626262	75mm	85mm	½" BSW

PREMIUM ADJUSTABLE STAND RANGE



622130
 CM Premium Adjustable Stand
 16 Inch, Zinc Plated.



622131
 CM Premium Adjustable Stand
 22 Inch, Zinc Plated.



622135
 CM Premium Adjustable Stand,
 Zinc Plated.



622136
 CM Premium Adjustable Stand,
 Zinc Plated, Sidewind.

DETAIL	SPECIFICATION
Capacity	800 kg
Open Length	414mm
Closed Length	253mm
Extension	162mm

DETAIL	SPECIFICATION
Capacity	800 kg
Open Length	664mm
Closed Length	403mm
Extension	262mm

DETAIL	SPECIFICATION
Capacity	2000 kg
Open Length	1000mm
Closed Length	600mm
Extension	400mm

DETAIL	SPECIFICATION
Capacity	2000 kg
Open Length	970mm
Closed Length	570mm
Extension	400mm

APPLICATIONS
 Heavier general use with low chassis or mounting points.

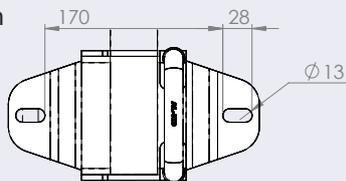
APPLICATIONS
 Heavier general use with higher chassis or mounting points.

APPLICATIONS
 Heavy duty use with higher chassis or mounting points.

APPLICATIONS
 Heavy duty use with sidewind.

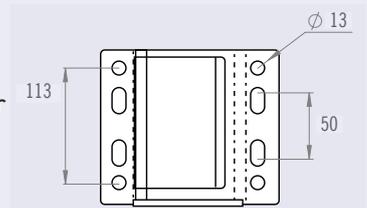
MOUNTING

Horizontal slots 25mm x 13mm spaced at 150mm centres allows for bolting. The 8mm plate is suitable to be welded when required.



MOUNTING

Horizontally spaced holes and slots allows for bolting over popular sections 50mm, 75mm or 100mm. The 8mm plate is suitable to be welded when required.



SIDE-WIND MACHINERY STANDS

TE9JW26

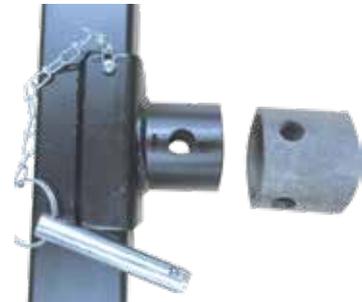
- 65mm SHS.
- Extendable foot.
- Includes Mounting Bracket and weld-on tube.
- Weight rating 2.7 tonne.

DETAIL	SPECIFICATION
Capacity	2700 kg
Open Length	1026mm
Closed Length	638mm
Max extended open length	1484mm
Extension	388mm



Weld-on tube available separately:

TE199M261



ELECTRIC A-FRAME JACK

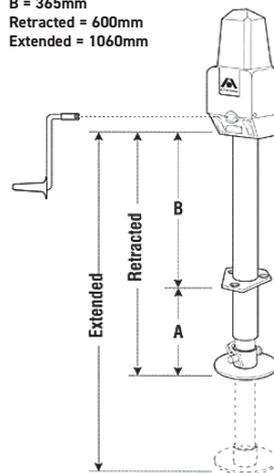
TE9JW1130

The convenience of push button operation takes the exertion out of cranking, effortlessly raising or lowering trailers with complete control.

The jacks require little maintenance and use a rugged 12v electric gear motor that has been well proven over years of use under adverse conditions.

- Lift capacity 1130kg max
- 12 volt
- Push button lift or lower
- Manual override crank handle
- Includes courtesy light

A = 235mm
 B = 365mm
 Retracted = 600mm
 Extended = 1060mm



CORNER STEADIES

654851

Corner steady drop down
513mm, fitted with Big foot.

Surface Finish: Zinc plated
Closed length: 340mm
Open Length: 513mm



654859

Corner steady drop down
590mm, fitted with Big foot.

Surface Finish: Zinc plated
Closed length: 410mm
Open Length: 590mm



654874

Corner steady drop down
740mm, fitted with Big foot.

Surface Finish: Zinc plated
Closed length: 510mm
Open Length: 740mm



654884

Corner steady drop down 840mm,
fitted with Big foot.

Surface Finish: Zinc plated
Closed length: 610mm
Open Length: 840mm



654500

Corner steady hex drive 500mm.

No wheel.

Surface Finish: Zinc plated
Mounting Type: Side bolt
Mounting Spacing: 250mm
Slot Size: 14mm x 10m



654701

Corner steady hex drive 700mm.

Surface Finish: Zinc plated
Mounting Type: Side bolt
Mounting Spacing: 250mm
Slot Size: 14mm x 10mm



655410

European Corner steady 1000kg.



**Caravan
parking leg**

WINCHES - PREMIUM RANGE

634003

CM Premium Winch. Body of Winch is galvanized, Parts are Zinc Plated.

DETAIL	SPECS
Rated Line Pull	500 kg
Gear Ratio	3:1 1:1
Max Cable Length	4mm x 6mt
Handle Length	190mm
Weight	4.1kg



Cable and hook sold separately.

634005

CM Premium Winch. Body of Winch is galvanized, Parts are Zinc Plated.

DETAIL	SPECS
Rated Line Pull	700 kg
Gear Ratio	5:1 1:1
Max Cable Length	5mm x 6mt
Handle Length	190mm
Weight	6.9kg



Cable and hook sold separately.

634010

CM Premium Winch. Body of Winch is galvanized, Parts are Zinc Plated.

DETAIL	SPECS
Rated Line Pull	1000 kg
Gear Ratio	10:1 5:1 1:1
Max Cable Length	6mm x 7.5mt
Handle Length	190mm
Weight	8.6kg



Cable and hook sold separately.

634015

CM Premium Winch. Body of Winch is galvanized, Parts are Zinc Plated.

DETAIL	SPECS
Rated Line Pull	1200 kg
Gear Ratio	15:1 5:1 1:1
Max Cable Length	6mm x 7.5mt
Handle Length	190mm
Weight	8.7kg



Cable and hook sold separately.

BRAKED WINCH

4:1 TE14WPB41

10:1 TE14WPB10

Winds in and winds out with no ratchet. The automatic braking system gives you full control over the load feeding in or feeding out without the need for ratchets.

Suitable for many applications.



WIRE ROPE*

4mm and 5mm winch wires are supplied complete with galvanised thimble and stainless steel 'S' hook.

6mm winch wires are supplied with a galvanised thimble and forged safety hook.

*Note: 6mm are the only ropes suitable for car transporter trailers. A rated Dee Shackle must be used.



PART NO	WIRE DIAMETER	WIRE LENGTH	CAPACITY	FOR USE WITH WINCH
TE14WW4-6	4mm	6mtr	600kg	1:1, 3:1 & 5:1
TE14WW5-6	5mm	6mtr	1000kg	5:1
TE14WW5-75	5mm	8mtr	1000kg	10:1
TE14WW6-75*	6mm	8mtr	1500kg	15:1

SYNTHETIC ROPE

CM manual winch ropes are made from a special high-strength synthetic material. No more rusting wire or metal splinters in the hands, these ropes are easy to fit.

- TE14WR5
- TE14WR6
- TE14WR7S
- TE14WR8S

Fitted with Stainless Steel 'S' Hook

- TE14WR7
- TE14WR8

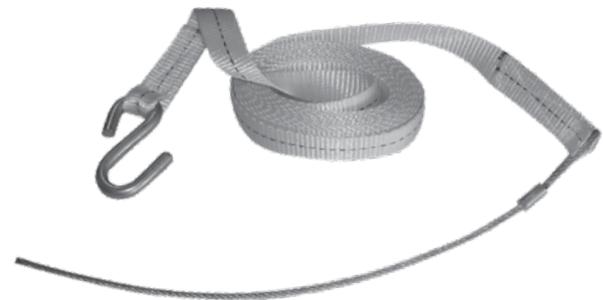
Fitted with Cast Iron Hook & Safety Catch



PART NO	ROPE LENGTH	CAPACITY	FOR USE WITH WINCH
TE14WR5	5mtr	1000kg	1:1 & 3:1
TE14WR6	6mtr	1000kg	5:1
TE14WR7	7mtr	1500kg	10:1
TE14WR8	8mtr	2500kg	15:1
TE14WR7S	7mtr	1000kg	10:1
TE14WR8S	8mtr	1000kg	10:1

NYLON STRAP

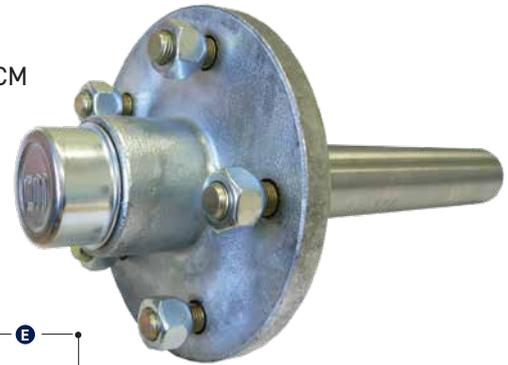
Polyester seat belt type webbing, prevents crossover when laying onto drum. Stainless steel 'S' hook one end, 4mm wire rope tail on other end for drum attachment.



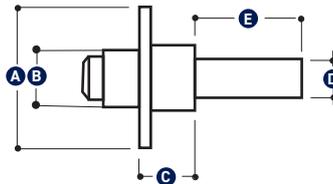
PART NO	WEB WIDTH	WEB LENGTH	CAPACITY
TE14WS25-3	25mm	3mtr	1500kg
TE14WS25-4	25mm	4mtr	1500kg
TE14WS25-5	25mm	5mtr	1500kg
TE14WS25-6	25mm	6mtr	1500kg
TE14WS50-3	50mm	3mtr	1500kg
TE14WS50-4	50mm	4mtr	1500kg
TE14WS50-5	50mm	5mtr	1500kg
TE14WS50-6	50mm	6mtr	1500kg

CM TRAILER HUBS & STUBS

All CM 1000kg, 1500kg, 1750kg, 2000kg and 2750kg trailer hubs have a galvanised finish, maintaining an excellent appearance for many years. CM Hubs are CNC machined from high quality ductile iron castings and are fitted with quality Japanese taper roller bearings.



- Axles are CNC precision machined from 1045 medium tensile steel
- Seals are high quality, 2-piece triple-lip marine. (2-lip automotive seals are available on request)
- 2750kg hub seals are automotive 2-lip, marine seals available at extra cost



PART NO	CAPACITY PER PAIR	A	B	C	D	E	PCD (Min - Max)
TE1HM1000-09G__	1000kg	140mm	53.8mm	59mm	39mm dia	110mm	95mm - 110mm
TE1HM1000-12G__	1000kg	140mm	53.8mm	59mm	39mm dia	190mm	95mm - 110mm
TE1HS1500-09G__	1500kg	150mm	56mm	59mm	39mm dia	110mm	95mm - 120mm
TE1HS1500-12G__	1500kg	150mm	56mm	59mm	39mm dia	190mm	95mm - 120mm
TE1HO1500-09G__	1500kg	190mm	56mm	59mm	39mm dia	110mm	95mm - 150mm
TE1HO1500-12G__	1500kg	190mm	56mm	59mm	39mm dia	190mm	95mm - 150mm
TE1HS1750-12G__	1750kg	150mm	56mm	59mm	45mm dia	190mm	95mm - 120mm
TE1HO1750-12G__	1750kg	190mm	56mm	59mm	45mm dia	190mm	95mm - 150mm
TE1HS2000-12G__	2000kg	190mm	65mm	71mm	50mm dia	170mm	114mm - 150mm
TE1HS2750	2750kg**	183mm	90mm	51mm	63.50mm	240mm	5.50" x 6 x 1/2"
TE1HS2750M	2750kg***	183mm	90mm	51mm	63.50mm	240mm	5.50" x 6 x 1/2"

** 2750kg hub seals are automotive 2-lip *** Supplied with marine seals

STUDDING SUFFIXES

All hub and stub sets have a 2-digit suffix to the part number from the studding table below.

Select your part number from the chart above and add the suffix from the studding table below, eg: TE1HS1500-09G55 is a 1500kg Hub and Stub Set with 9" axles drilled and studded Ford Falcon 4.50" x 5 stud x 1/2".

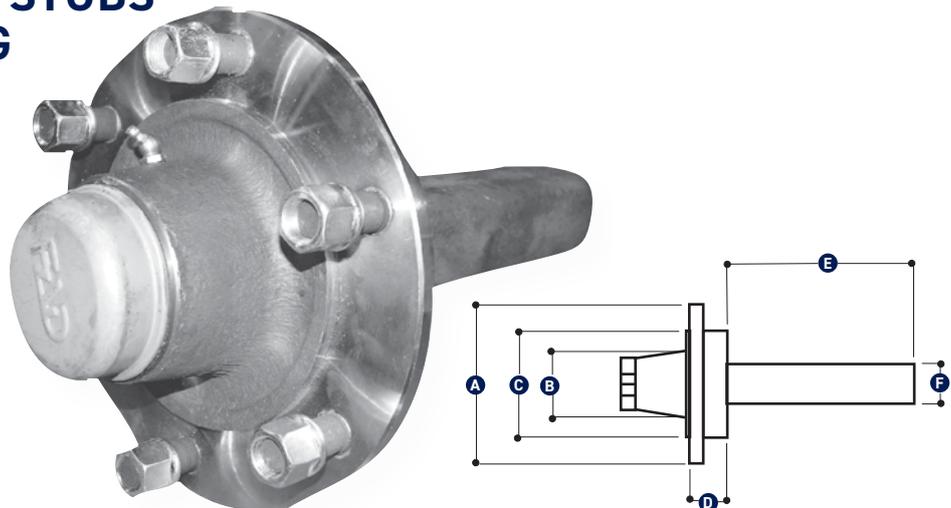
BLANK	4 STUD	5 STUD	6 STUD
B1 = Blank 5 x 7/16" studs	41 = 100mm x 4 stud x 7/16"	51 = 100mm x 5 stud x 7/16"	68 = 4.50" x 6 stud x 1/2"
B2 = Blank 5 x 1/2" studs	42 = 4.00" x 4 stud x 7/16"	52 = 4.00" x 5 stud x 7/16"	69 = 5.50" x 6 stud x 1/2"
	43 = 4.25" x 4 stud x 7/16"	53 = 4.25" x 5 stud x 7/16"	
	44 = 4.50" x 4 stud x 7/16"	54 = 4.50" x 5 stud x 7/16"	
	45 = 4.50" x 4 stud x 1/2"	55 = 4.50" x 5 stud x 1/2"	
	46 = 110mm x 4 stud x 7/16"	56 = 4.75" x 5 stud x 7/16"	
		57 = 120mm x 5 stud x 7/16"	
		58 = 5" x 5 stud x 7/16"	
		59 = 150mm x 5 stud x 1/2"	

TRAILER HUBS & STUBS 3000KG - 8000KG

These hubs and stubs are ideal for heavy duty and off road applications.

The hubs are machined from hot forged steel; ensuring they will endure even the toughest application.

All axles are machined from medium tensile steel.



PART NO	A	B	C	D	E	F	STUD SIZE	PCD (Min-Max)
TE1HS3000	205mm	95mm	108mm	52mm	250mm	55mm dia	M16x1.5*	138mm-170mm*
TE1HS3000-5	180mm	94mm	94mm	52mm	300mm	50mm ■	M16x1.5	140mm x 5 stud**
TE1HS4000	240mm	100mm	160mm	55mm	300mm	60mm ■	M18x1.5	205mm x 6 stud**
TE1HS6000	250mm	120mm	160mm	55mm	300mm	70mm ■	M18x1.5	205mm x 6 stud**
TE1HS8000	320mm	135mm	220mm	62mm	350mm	80mm ■	M18x1.5	275mm x 8 stud**

* TE1HS3000 are blank hubs. If you require these drilled and studded, specify PCD. Non-standard nuts can be fitted at extra cost.

** TE1HS3000-5/TE1HS4000/TE1HS6000/TE1HS8000 are available only pre-studded as shown. Non-standard nuts can be fitted at extra cost.

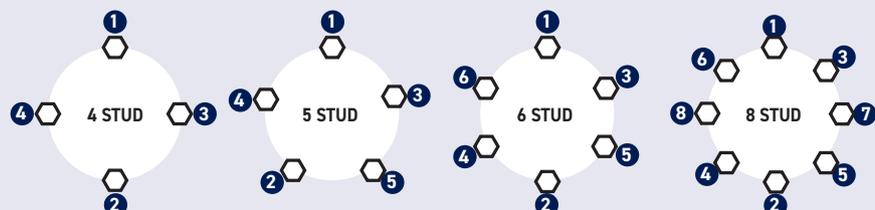
SPEED RATINGS - MAXIMUM LOAD

PART NO	SINGLE AXLE @ 25km/h	SINGLE AXLE @ 40km/h	TANDEM AXLE @ 40km/h	TANDEM AXLE @ 80km/h
TE1HS3000	3200kg per pair	2700kg per pair	2000kg per pair	1400kg per pair
TE1HS4000	5000kg per pair	4400kg per pair	3400kg per pair	2800kg per pair
TE1HS6000	7500kg per pair	6600kg per pair	5000kg per pair	4100kg per pair
TE1HS8000	9000kg per pair	8000kg per pair	6200kg per pair	5400kg per pair

WHEEL NUT TORQUE REQUIREMENTS

It is important to apply and maintain proper wheel-mounting torque on your trailer axle.

- Be sure to use only fasteners matched to the core angle of your wheel.
- Start all nuts by hand to prevent cross threading.
- Tighten all nuts in the sequences shown right.

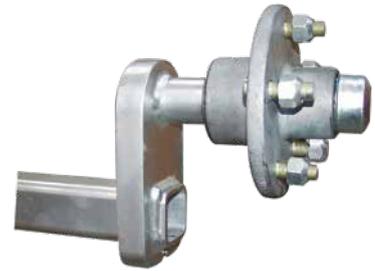


STUD SIZE	MAX. TORQUE
½" - 20 UNF	120 ft lb (steel wheels 85 ft lb)
9/16" - 18 UNF	170 ft lb
5/8" - 18 UNF	325 ft lb

1.00 lb.ft. = 1.36 / N.m

DROP AXLE PLATES

Used to lower the axle.



PART NO	DIMENSIONS:	A	B	C	THICKNESS
TE190DAP5090-39		39mm	100mm	50mm x 50mm	25mm
TE190DAP5090-45		45mm	100mm	50mm x 50mm	25mm
TE190DAP65100-45		45mm	100mm	65mm x 65mm	25mm
TE190DAP65100-50		50mm	100mm	65mm x 65mm	25mm

WHEEL BEARING AND SEAL KITS*

All CM wheel bearing kits include Japanese bearings, seals and split pin to recondition one hub.

*SEE FULL RANGE OF BEARINGS, SEALS & DUST CAPS PAGE 109.



Shown with marine seal

COMMON NZ BEARING KITS

PART NO	INNER BEARING	OUTER BEARING	SEAL TYPE	HUB CAP. PER PAIR
TE190186	LM67048-10	LM11949-10	2 Lip	1500kg
TE190187	LM67048-10	LM11949-10	2 Piece, 3 Lip Marine	1500kg
TE190188-02	L68149-10	LM12749-10	2 Piece, 3 Lip Marine	1750kg
TE190189-2000	LM29748-10	30205	2 Piece, 3 Lip Marine	2000kg

COMMON USA BEARING KITS - ALSO SEE PAGE 109.

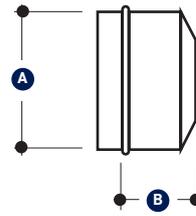
PART NO	INNER BEARING	OUTER BEARING	SEAL TYPE	HUB CAP. PER PAIR
TE190189-3500	L68149-11	L44649-10	2 Lip	3500LB
TE190189-3750	L68149-10	L44649-10	2 Lip	3750LB
TE190189-5200	25580-20	LM67048-10	2 Lip	5200LB
TE190189-6000	25580-20	15123-45	2 Lip	6000LB

DUST CAPS

PRESSED STEEL

PART NO	A	B	BLISTER PACK PART NO	NO PER PACK
TE190161	1.78"	45.2mm	23mm TE190161P	1
TE190162	1.85"	47mm	19mm TE190162P	1
TE190163	1.98"	50.5mm	22mm TE190163P	1
TE190164	2.047"	52mm	21mm TE190164P	1
TE190165	2.328"	59.13mm	18mm	
TE190166	2.44"	62mm	20mm TE190166P	1
TE190168	2.50"	63.5mm	29mm	
TE190167	2.72"	69mm	31mm	
TE190169	2.83"	72mm	29mm TE190169P	1
TE190171	3"	76.2mm	36mm	
TE190173	3.15"	80mm	25mm	
TE190174	3.35"	85mm	27mm	
TE190175	3.54"	90mm	29mm	
TE190176	3.94"	100mm	27mm	

Pressed steel



WHEEL BEARING PROTECTORS

PART NO	SIZE	WITH BRAS	NO PER PACK	STAINLESS STEEL	
TE12BB178BP	1.78"	45.2mm	Yes	2	-
TE12BB178SSBP	1.78"	45.2mm	Yes	2	Yes
TE12BB198BP	1.98"	50.5mm	Yes	2	Yes
TE12BB2047BP	2.047"	52mm	Yes	2	Yes
TE12BB2440BP	2.44"	62mm	Yes	2	Yes



Stainless steel models have a natural resistance to corrosion. Some models come with the blue Auto Check™ ring, a visual lubricant level indicator.

Part no TE12BB178SSBP pictured.



Chrome plated steel option, with overfill protection. Part no TE12BB178BP pictured.

BEARING PROTECTOR BRA

PART NO	SIZE	NO PER PK
TE12BRA178BP	Fits 45mm and 47mm bearing protectors	2
TE12BRA198BP	Fits 1.93" - 2.080"	2
TE12BRA23BP	Fits 2.240" - 2.380"	2



WHEEL NUTS

CM stocks a wide selection of wheel nuts and studs. All wheel studs are high tensile.

PART NO	THREAD	AF	DEGREES INCLUSIVE	BLISTER PACK PART NO	NO PER PACK
TE8WN06	3/8 UNF	1 1/16"	80°		
TE8WN07	7/16 UNF	3/4"	60°	TE8WN07P	5
TE8WN08	1/2 UNF	1 3/16"	60°	TE8WN08P	5
TE8WN08-0.875	1/2 UNF	7/8"	100°	TE8WN08-0.875P	5
TE8WN08-1.0	1/2 UNF	1"	100°	TE8WN08-1.0P	5
TE8WN09	9/16 UNF	1"	83°	TE8WN09P	5
TE8WN10-1.0	5/8 UNF	1"	100°	TE8WN10-1.0P	2
TE8WNM12-1.5	12 x 1.5	19mm	60°		
TE8WNM12-1.25	12 x 1.25	19mm	90°		
TE8WNM16F	16 x 1.5	27mm	N/A Radius		
TE8WNM18F	18 x 1.5	24mm	N/A Radius		
TE8WNM18HD	18 x 1.5	33mm	75°		



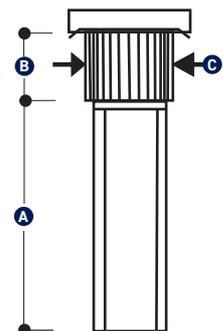
ACORN WHEEL NUTS - CHROME PLATED

PART NO	THREAD	AF	DEGREES INCLUSIVE
TE8WN07C	7/16 UNF	3/4"	60°
TE8WN08C	1/2 UNF	3/4"	60°



WHEEL STUDS

PART NO	THREAD	A	B	C= KNURL DIA.	DRILL DIA.	BLISTER PACK PART NO	NO PER PACK
TE8WS07	7/16 UNF	27mm	10.5mm	14.3mm	35/64"	TE8WS07P	5
TE8WS07-K	7/16 UNF	33mm	15mm	13.9mm	17/32"		
TE8WS08-1.5	1/2 UNF	31mm	10.5mm	14.3mm	35/64"	TE8WS08-1.5P	5
TE8WS08-K	1/2 UNF	32mm	16mm	13.9mm	17/32"		
TE192KU6	1/2 UNF	29mm	14mm	13.7mm	17/32"		
TE192KU6-1	1/2 UNF	35mm	16.5mm	13.7mm			
TE8WS08-2.0	1/2 UNF	38mm	12.7mm	15.6mm	19/32"	TE8WS08-2.0P	2
TE8WS08-2.25L	1/2 UNF	34.9mm	20.6mm	15.5mm	19/32"		
TE8WS09-2.25L	9/16 UNF	34.9mm	20.6mm	15.5mm	19/32"		
490502	5/8 UNF	34.9mm	14.3mm	17.7mm	11/16"		
490501	5/8 UNF	34.9mm	22.2mm	17.55mm	11/16"		
TE8WS12M	12 x 1.5	26mm	8mm	14mm	17/32"		
TE8WS16MF	16 x 1.5	35mm	10mm	17mm	16.5mm 17mm	SG Iron Hub Forged Steel Hub	
TE8WS18MF	18 x 1.5	35mm	12mm	19.4mm	19mm		



WHEEL INDICATORS

Wheel indicators provide real time, between service constant visual indication of LOOSENING wheels and OVERHEATING brakes.

For cost-efficient, effective and proactive fleet maintenance and increased safety, your wheel nut indicators should, at the very least, provide an indication of these issues between scheduled maintenance checks.

This allows for timely scheduled intervention, minimising expensive part replacement and unscheduled downtime.

Tough and UV-stabilised.

Two sizes are available:



TE8WNI19 19MM

Suits most 7/16 UNF wheel nuts



TE8WNI21 21MM

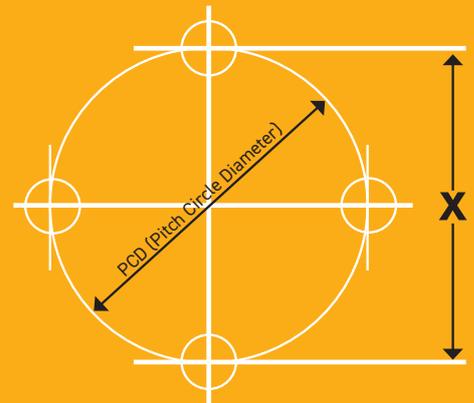
Suits most 1/2 UNF wheel nuts



4 STUD PCD

To measure PCD on a 4 stud wheel, measure from the centre of one stud to the opposite stud:

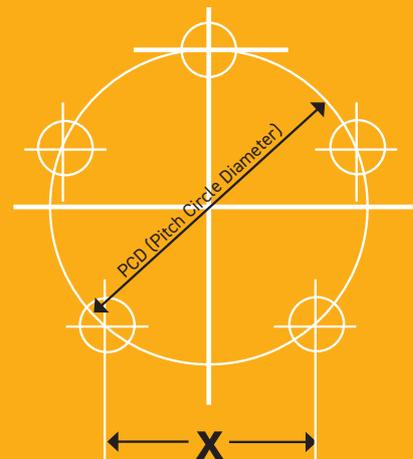
'X' IN INCHES	'X' IN MM	PCD	COMMON WHEELS
3.930	100.000	100mm	BMW/Honda/Holden Gemini
4.00	101.600	4"	Mini
4.250	108.00	4 1/4"	Escort/Cortina
4.330	110.00	110mm	Daihatsu Charade/ RX Series Mazda
4.500	114.300	4 1/2"	Most Japanese/Triumph 2000/Morris 1100-1300



5 STUD PCD

To measure PCD on a 5 stud wheel, measure from the centre of one stud to the centre of the next stud, then calculate PCD using the chart below:

'X' IN INCHES	'X' IN MM	PCD	COMMON WHEELS
2.351	59.715	4"	AP5, AP6 Valiant
2.498	63.449	4 1/4"	Pre HQ Holden & Torana
2.645	67.183	4 1/2"	Zephyr/VJ Valiant/Falcon
2.792	70.916	4 3/4"	HQ Holden/XJ6 Jaguar
2.939	74.650	5"	58PA Vauxhall/Delta
3.233	82.118	5 1/2"	Bronco
3.527	89.586	6"	
3.820	97.028	6 1/2"	Landrover
2.314	58.779	100mm	Camry
2.499	63.481	108mm	
2.591	65.832	112mm	Mercedes
2.777	70.535	120mm	BMW/6&8 Cyl Commodore
3.008	76.413	130mm	
3.240	82.290	140mm	
3.457	87.850	150mm	Land Cruiser 98+
3.703	94.046	160mm	Ford Transit



VEHICLE MAKE	MODEL	STANDARD WHEEL SIZE	STUD HOLES	PCD	NUT/STUD TYPE
AUDI	80 GLE	13"	4	100mm	2 x 1.5mm Studs
	100 CD	14"	4	100mm	12 x 1.5mm Studs
BMW	1600, 2000, 2002	13"	4	100mm	12 x 1.5mm
	320, 323i, 318i	13"	4	100mm	12 x 1.5mm Studs
	2500, 2800, 3000, 525, 528	14"	5	120mm	12 x 1.5mm
	520, 633CSi, 733i	14"	5	120mm	12 x 1.5mm Studs
DAIHATSU	Charade	12"	4	110mm	12 x 1.5mm
	55 Wide	12"	4	110mm	12 x 1.5mm
	F20V, F20JV, F50JV	16"	5	5.5"	12 x 1.5mm
DATSUN	1000, 1200, 120Y	12"	4	4.5"	12 x 1.25mm Studs
	1600, 180B, Sunny, Stanza, Pulsar	13"	4	4.5"	12 x 1.25mm Studs
	240Z, 260Z, 280ZX, 180B SS				
	200B, 200K, Skyline, Bluebird	14"	5	4.5"	12 x 1.25mm Studs
	240C, 260C, 280C	14"	5	4.5"	12 x 1.25mm Studs
DELTA	Early		5	5"	7/16" UNF"
DODGE	D200, P200, W200, B300, D300	16"	8	6.5"	1/2" UNF"
FIAT	124, 125, 128, 131, 1322, X 1/9	13"	4	98mm	12 x 1.25mm Studs
	130, Berlina	14"	5	108mm	14 x 1.5mm Studs
FORD	Escort	12"	4	4.25"	7/16" UNF"
	Cortina TC-TE, Escor t	13"	4	4.25"	12 x 1.5mm
	Cortina Mk2, Capri	13"	4	4.25"	7/16" UNF"
	Laser, Meteor	13"	4	4.5"	12 x 1.5mm
	Laser		4	100mm	12 x 1.5mm
	Falcon, Fairlane, LTD	14"	5	4.5"	1/2" UNF"
	Cortina TE (Optional)	14"	4	4.5"	12 x 1.5mm
	Granada	14"	5	112mm	12 x 1.5mm
	Telstar 88/on		5	4.5"	7/16" UNF
	Transit	14"	5	160mm	1/2" UNF"
	Transit	14"	6	170mm	1/2" UNF"
	F100, F150, 4WD	15"	5	139.7mm	1/2" UNF"
	F100, F150, 2WD		5	139.7mm	1/2" UNF"
	F150		5	135mm	12 x 1.75mm
	F250		8	139.7mm	1/2" UNF"
	Explorer	15"	5	4.5"	1/2" UNF"
	Courier	14"	6	5.5"	12 x 1.5mm
F100, Bronco	16"	5	5.5"	1/2" UNF"	
F250	16"	5	5.5"	1/2" UNF"	
Zephyr	13"	5	4.5"	7/16" UNF"	
HOLDEN / CHEV	FE-HR	13"	5	4.25"	7/16" UNF"
	Torana, (4 Stud)	12"	4	4.0"	7/16" UNF"
	Torana, Sunbird	13"	5	4.25"	7/16" UNF"
	Gemini	13"	4	100mm	12 x 1.5mm
	HK-HG	14"	5	4.25"	7/16" UNF"
	HQ-HZ, Chev	14"	5	4.75"	7/16" UNF"
	Commodore 4 cylinder	13"	5	4.25"	12 x 1.5mm
	Commodore	14"	5	120mm	12 x 1.5mm
	Commodore (optional)	15"	5	120mm	12 x 1.5mm
	Bedford CF	14"	5	6.0"	1/2" UNF"
	Bedford CFS	14"	5	6.0"	7/16" UNF"
	Chev C20	16"	8	6.5"	1/2" UNF"
	Jackaroo	15"	6	5.5"	12 x 1.5mm
	Vectra	14"	4	100mm	12 x 1.5mm

PLEASE NOTE: These wheel fitment specifications are intended to be a guide only. To the best of our knowledge, specifications are correct, however CM Trailer Parts take no responsibility for errors.

WHEEL FITMENT SPECIFICATIONS

VEHICLE MAKE	MODEL	STANDARD WHEEL SIZE	STUD HOLES	PCD	NUT/STUD TYPE	
HOLDEN / CHEV	Vectra	15"	5	110mm	12 x 1.5mm	
	Rodeo, Shuttle, Chev Luv	14"	6	5.5"	12 x 1.5mm	
HONDA	Civic to 1979	12"	4	120mm	12 x 1.25mm	
	Civic 1980 Sedan	12"	4	100mm	12 x 1.5mm	
	Accord (pre 1982)	13"	4	120mm	12 x 1.25mm	
	CRV	15"	4	4.5"	12 x 1.5mm	
	CRV, HRV	15"	5	4.5"	12 x 1.5mm	
	Prelude, Accord (1982 on)	13"	4	100mm	12 x 1.5mm	
ISUZU	KB40 4WD	14"	6	5.5"	12 x 1.5mm	
JAGUAR	XJ6, XJ12, XJS	15"	5	4.75"	½" UNF	
JEEP	CJ Series, DJ5, DJ6, J10	16"	5	5.5"	½" UNF	
LEYLAND	Mini	10"	4	4.0"	⅜" UNF	
	Marina	13"	4	4.25"	7/16" UNF	
	Morris Oxford		5	5"		
	Moke	13"	4	4.0"	⅜" UNF	
	Land Rover	16"	5	6.5"	9/16" UNF	
	Range Rover	16"	5	6.5"	16 x 1.5mm	
	Austin / Morris 1100 & 1300	12"	4	4.5"	7/16" UNF	
MAZDA	1000, 1300	12"	4	110mm	12 x 1.5mm Studs	
	808, 929, Capella, RX2, RX3					
	RX4, 323, 626, RX7	13"	4	110mm	12 x 1.5mm Studs	
	323 FWD	13"	4	4.5"	12 x 1.5mm	
	121, RX5, 929L, 929 Wagon 1982	14"	4	120mm	12 x 1.5mm	
	929 Sedan (1982)	14"	4	4.5"	12 x 1.5mm	
	323 Astina, Protégé	13"	4	100mm	12 x 1.5mm	
	626	14"	5	4.5"	12 x 1.5mm	
	MX3, Mx5	14"	4	100mm	12 x 1.5mm	
	RX7, Series 1 and 2	13"	4	110mm	12 x 1.5mm	
	RX7, Series 3	14"	4	4.5"	12 x 1.5mm	
	RX7, Series 4	15"	5	4.5"	12 x 1.5mm	
	RX7, Series 5	15"	5	4.5"	12 x 1.5mm	
	RX7	16"	5	4.5"	12 x 1.5mm	
	1600, 1 Ton	14"	6	5.5"	12 x 1.5mm	
	MERCEDES	200, 250, 280, 300, 350, 450	14"	5	112mm	12 x 1.5mm Studs
	MITSUBISHI	Colt FWD	13"	4	4.5"	12 x 1.5mm
(CHRYSLER)	Express L300	13"	5	4.5"	12 x 1.5mm	
	Galant, Sigma, Lancer	13"	4	4.5"	12 x 1.5mm	
	Express L300	14"	5	4.5"	12 x 1.5mm	
	Pajero, Shogun	15"	6	139.7mm	12 x 1.5mm	
	Pajero, Shogun, TD, V6, (V20)	15"	6	139.7mm	12 x 1.5mm	
	Triton 4 WD	15"	6	139.7mm	12 x 1.5mm	
	Triton	14"	6	139.7mm	12 x 1.5mm	
	Sigma, Scorpion	14"	4	4.5"	12 x 1.5mm	
	Valiant R to VF	14"	5	4.0"	7/16" UNF RH & LH	
	Valiant VG	14"	5	4.0"	7/16" UNF	
	Valiant VH - CM	14"	5	4.5"	7/16" UNF	
NISSAN	C120	13"	4	4.5"	12 x 1.5mm	
	E20	14"	6	5.5"	12 x 1.25mm	
	E23	14"	6	5.5"	12 x 1.5mm	
	Patrol up to 1977	16"	6	5.5"	½" UNF	
	Patrol 1978 onwards	16"	6	5.5"	12 x 1.25mm	
	MQ Patrol	16"	6	5.5"	12 x 1.5mm	

PLEASE NOTE: These wheel fitment specifications are intended to be a guide only. To the best of our knowledge, specifications are correct, however CM Trailer Parts take no responsibility for errors.

VEHICLE MAKE	MODEL	STANDARD WHEEL SIZE	STUD HOLES	PCD	NUT/STUD TYPE	
NISSAN	Cefiro	15"	4	4.5"	12 x 1.25mm	
	Cefiro	15"	5	4.5"	12 x 1.25mm	
	Pulsar	14"	4	100mm	12 x 1.25mm	
	Pulsar GTI	15"	4	100mm	12 x 1.25mm	
	Skyline	14"	4	4.5"	12 x 1.25mm	
	Skyline	14"	4	4.5"	12 x 1.25mm	
	Skyline		5	4.5"	12 x 1.25mm	
	200SX	15"	4	4.5"	12 x 1.25mm	
	200SX, Silvia	16"	5	4.5"	12 x 1.25mm	
	Terrano	15"	6	139.7mm	12 x 1.25mm	
	Navara	6"		5.5"		
	ROVER	1978 onwards	14"	5	5"	12 x 1.5mm
		Land Rover	16"	5	6.5"	12 x 1.5mm
SUBARU	Impreza	14"	5	100mm	12 x 1.25mm	
	Impreza	15"	5	100mm	12 x 1.25mm	
	Legacy	14"	5	100mm	12 x 1.25mm	
	WRX	16"	5	100mm	12 x 1.25mm	
SUZUKI	LJ20, LJ50, LJ80, Sierra	16"	5	5.5"	12 x 1.25mm	
	Vitara	15"	5	139.7mm	12 x 1.25mm	
TOYOTA	Corolla	12"	4	110mm	12 x 1.5mm	
	Corona, Celica, Corolla, T18	13"	4	4.5"	12 x 1.5mm	
	Camry	13"	5	100mm	12 x 1.5mm	
	Camry	14"	5	100mm	12 x 1.5mm	
	Camry 2.5 V6	15"	5	100mm	12 x 1.5mm	
	Camry 2.2	14"	5	4.5"	12 x 1.5mm	
	Corolla, Seca	14"	4	100mm	12 x 1.5mm	
	Corona		4	100mm	12 x 1.5mm	
	Corona		5	100mm	12 x 1.5mm	
	Lite-Ace	13"	4	4.5"	12 x 1.5mm	
	Celica, Corona, Cressida	14"	4	4.5"	12 x 1.5mm	
	Crown	14"	5	4.5"	12 x 1.5mm	
	Hi-Ace, Hi-Lux	14"	5	4.5"	12 x 1.5mm	
	Hi-Ace, Hi-Lux 2WD	14"	5	4.5"	12 x 1.5mm	
	Landcruiser, Hi-Lux 4x4	16"	6	5.5"	12 x 1.5mm	
	Landcruiser, VX	16"	6	139.7mm	12 x 1.5mm	
	Landcruiser 100 Series V8	16"	5	150mm	14 x 1.5mm	
	Landcruiser 100 Series 6 Cyl	16"	5	150mm	14 x 1.5mm	
	Prado	16"	6	139.7mm	12 x 1.5mm	
	Prado	16"	5	150mm		
Blizzard	15"	5	5.5"	12 x 1.5mm		
TRIUMPH	Dolomite, TR7	13"	4	3.75"	3/8" UNF"	
	2000, 2.5	13"	4	4.5"	7/16" UNF"	
	Stag	14"	4	4.5"	7/16" UNF"	
VOLKSWAGEN	Beetle 5 Stud to 1966	15"	5	205mm	14 x 1.5mm Studs	
	Beetle 1967 onwards	15"	4	130mm	14 x 1.5mm Studs	
	Golf	13"	4	100mm	12 x 1.5mm Studs	
	Kombi 1971 onwards	14"	5	112mm	14 x 1.5	
VAUXHALL	PB	13"	5	5"	1/2" UNF"	
	Viva	13"	4	4.5"	7/16" UNF"	

PLEASE NOTE: These wheel fitment specifications are intended to be a guide only. To the best of our knowledge, specifications are correct, however CM Trailer Parts take no responsibility for errors.

On 1st April 2002, the New Zealand Transport Agency (NZTA) introduced a new law (Brake Rule 32014) relating to Brake requirements for all Light Vehicles (including Light Trailers) with a Gross Laden Weight of up to 3500kg. All Light Vehicles includes all new and existing trailers. Copies of the NZTA rules can be purchased from selected Bennett's, Paper Plus, Whitcoulls and other book retailers that sell government legislation. This affects the Light Trailer industry in the following ways:

BASIC REQUIREMENTS

0kg - 2000kg

Trailers with a Gross Laden Weight of 2000kg or less do not require service brakes, but if they are fitted, they must act on each wheel of at least one axle and not transfer the load to an unbraked axle during braking, and in conjunction with the towing vehicle's service brakes must be capable of stopping the combination of towing vehicle and trailer within a distance of 7 metres from a speed of 30km/hr. No parking brake is required.

2001kg - 2500kg

Trailers with a Gross Laden Weight of more than 2000kg, but less than 2500kg **MUST** be fitted with service brakes which may be either override (indirect) type or driver-controlled type (direct). The brakes must act on each wheel of at least one axle and not transfer the load to an unbraked axle during braking and in conjunction with the towing vehicle's brakes must be capable of stopping the combination of towing vehicle and trailer within a distance of 7 metres from a speed of 30km/hr. The coupling system must show the manufacturer's load rating commensurate with the laden weight of the trailer and be fitted with TWO (2) **CROSSED SAFETY CHAINS** complying with ADR62 Determination of 1995, Mechanical Connections between vehicles (CM stock this safety chain) or be fitted with an emergency breakaway brake. No parking brake is required.

2501kg - 3500kg

Trailers with a Gross Laden Weight of more than 2500kg up to 3500kg **MUST** be fitted with **DIRECT** service brakes (driver-controlled), and a **BREAKAWAY BRAKE SYSTEM**, and a separate **MECHANICAL** parking brake acting on both wheels of at least one axle. The **MECHANICAL** parking brake must be capable of stopping the trailer within a distance of 18 metres from a speed of 30km/hr or alternatively capable of holding the trailer at rest on a slope of 1 in 5. In conjunction with the towing vehicle's service brakes, it must be capable of stopping the combination of towing vehicle and trailer within a distance of 7 metres from a speed of 30km/hr. Safety chains are not required as the emergency breakaway system applies.

There is a provision where certain types of braking systems meeting ECE R13 regulations are available to use up to 3500kg such as the ALKO 3500kg drum brake kit.

Indirect Systems

Indirect service brakes are those that operate without input directly from the driver of the tow vehicle. They are usually either inertia-activated systems or electric drum and the most commonly used system under 2500kg. Brake types used for indirect systems are: mechanical or hydraulic disc, hydraulic drum or electric drum. Electric drum can use a trailer-mounted controller up to 2500kg, by using the CM MagBrake Multi-volt Controller the trailer can be towed by any 12V or 24V vehicle.

Direct Systems

Direct service brakes are those that operate as a direct result of braking input from the driver of the tow vehicle. They are load-adjustable and incorporate an emergency override function which operates the trailer brakes independently of the tow vehicle. Brake types used for direct systems are hydraulic disc and electric drum.

Breakaway Brake

Breakaway Brake means a service brake or parking brake fitted to a trailer that ensures, under all conditions of use, that if the trailer is unintentionally disconnected from its towing vehicle, the brake will automatically and immediately apply and will remain applied for at least 15 minutes.

BRAKE TYPES

Disc Brakes

Disc brakes are a rugged, low maintenance braking option and are suitable for all braking applications. They are available marinised and can safely be submerged in water. Available as mechanical or hydraulic systems.

Drum brakes - Hydraulic & Mechanical

Drum brakes are an economical and effective braking option. Although not as efficient as disc type brakes, they are suited to use on a wide range of domestic trailers, caravans and horse floats, and provide a smooth, damped braking option.

Drum Brakes - Electric

Electric drum brakes are effective and efficient. Used in both direct and indirect brake types, they are easily mated to breakaway brakes. Independent, mechanical parking brakes can be added. Using the CM MagBrake Multi-volt Controller, the trailer can be towed by any 12V or 24V vehicle, MagBrake Controllers are only suitable for trailers up to 2500kg.

HOW ELECTRIC BRAKES WORK

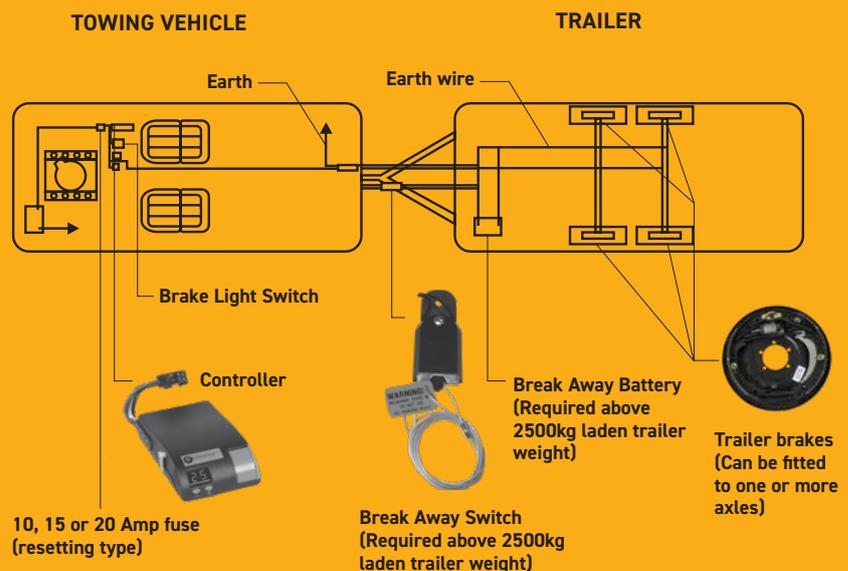
When the towing vehicle's brakes are applied, the brake stop light switch activates the cab-mounted controller, a current is sent back to the drums energising the high capacity electro-magnets, which pull onto the inner face of the brake drum.

Due to the rotation of the drum, the magnets move the lever arm in the same direction. This movement then activates the primary and secondary brake shoes. The more current that is applied to the magnets, the greater the force that is applied to the inner drum face, thereby increasing the braking effect.

The cab controller has a built-in adjustable resistor to increase or decrease the current to compensate for large changes in trailer weight and/or road conditions to maintain maximum braking efficiency. The controller also allows independent trailer braking without the need to apply the towing vehicle's brakes.

Suitable for a wide variety of applications, electric brakes are very cost effective, particularly when cab control and break away brakes are required (above 2500kg). See diagram below.

These brakes are easy to install.



VEHICLE TOWING LIMITATIONS

Most towbars fitted to vehicles are rated according to the vehicle manufacturer's recommendations for towing capability. Towing trailers in excess of the vehicle manufacturer's recommendations may void both the vehicle warranty and any insurance claim arising while towing that trailer.

CM Trailer Parts strongly recommend that the vehicle manufacturer's rated towing capacity is at least commensurate with that of the laden trailer at all times.

BRAKE OPERATING SYSTEMS

Override Systems – Indirect

Up to 2500kg

Override brakes are indirect systems, inertia-activated and operated by the weight of the towed trailer, compressing a coiled spring in the tow coupling; applying the brakes proportionate to the degree of spring compression. Available as mechanical disc, hydraulic disc and hydraulic drum types.

PROS

- easily towable by multiple vehicles;
- inexpensive and reliable;
- low maintenance.

CONS

- braking not operable in reverse;
- reversing not possible without first deactivating this system at the tow coupling or fitting a reversing solenoid auto back-up valve (see page 19).

Electric Systems – Indirect

Up to 2500kg

Used with electric drum brakes. A trailer-mounted brake controller is preset to match the load carried on the trailer. Braking provided is proportionate to the load setting on the controller (see page 26).

PROS

- easily towable by multiple vehicles, by using the CM MagBrake multi-volt controller the trailer can be towed by any 12V or 24V vehicle includes mechanical parking brake;

CONS

- braking not as progressive as direct electric brake systems;
- higher maintenance drum brakes.

Electric Systems – Direct

2501kg - 3500kg

Used with electric drum brakes, this is the most economical direct braking system to fit. It is regulated by a dash-mounted in-cab controller which includes an emergency brake override function and load settings to accurately match braking output with the weight of the load. This system is also easily mated to an emergency breakaway brake system required by law when exceeding 2500kg MTM (Maximum Towed Mass).

PROS

- accurate, proportional brake control;
- includes mechanical parking brake;
- easily linked to breakaway system.

CONS

- dedicated tow vehicles required; higher maintenance drum brakes.

Electric/Hydraulic – AL-KO iQ7 - Direct

2501kg - 6000kg

The AL-KO iQ7 allows the control of hydraulic brake systems from the driving position via an in-vehicle brake control device. The system converts electronic signals from the controller to hydraulic pressure delivered to the brake system. Stored compressed air allows immediate brake application. The system integrates breakaway technology to arrest the trailer should it detach from the tow vehicle (a legal requirement for trailers or caravans over 2.5 tonne). Two models available that suit class TB and also a model to comply with heavy transport Class TC, see pages 22-25. AL-KO iQ7 can be used with AL-KO Evo controller and brake pedal sensor or with an AL-KO approved in cab controller.

PROS

- models to suit class TB & TC trailers to 6000kg
- allows use of hydraulic disc or drum brakes
- includes breakaway system
- accurate, proportional brake control
- braking provided in reverse

CONS

- addition of mechanical parking brake;
- required over 2500kg.

Electric/Hydraulic – EH1600 & EH1000

2501kg-6000kg

This system is regulated by a dash-mounted, load-adjustable in-cab controller. It allows the use of hydraulic disc brakes but with proportionate and accurate braking control. Is especially suited where a dedicated tow vehicle/trailer combination is acceptable. Listed on pages 26-28.

PROS

- allows use of hydraulic disc and drum brakes from 2501kg to 3500kg;
- includes breakaway brake system;
- accurate, proportional brake control;
- braking provided in reverse.

CONS

- dedicated tow vehicles required;
- addition of mechanical parking brake; required over 2500kg.

1500KG - 1750KG WITH NEW ONE-PIECE ROTOR/HUB

CM's latest design incorporates a one-piece vented rotor/hub as a more cost competitive option. Choice of calipers includes GoldLine, Dacromet Coated or full stainless steel for the marine industry.



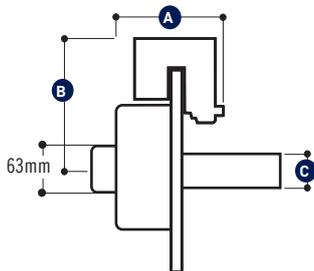
With Dacromet calipers



With full Stainless steel calipers



With Goldline calipers



PART NO	CAPACITY PER PAIR	A	B	C DIA.	CALIPERS	INTEGRATED PARK BRAKE CALIPER	CALIPER SIZE	PCD MIN-MAX (MM)
TE2DIHD150	1500kg	155mm	145mm	39mm	GoldLine		2 ¼"	110mm - 120mm
TE2DIHD151	1500kg	155mm	145mm	39mm	Dacromet Coated		2 ¼"	110mm - 120mm
TE2DIHD151P	1500kg	155mm	145mm	39mm	Dacromet Coated	■	2 ¼"	110mm - 120mm
TE2DIHD152	1500kg	155mm	145mm	39mm	Stainless Steel		2 ¼"	110mm - 120mm
TE2DIHD152P	1500kg	155mm	145mm	39mm	Stainless Steel	■	2 ¼"	110mm - 120mm
TE2DIHD170	1750kg	155mm	145mm	45mm	GoldLine		2 ¼"	110mm - 120mm
TE2DIHD171	1750kg	155mm	145mm	45mm	Dacromet Coated		2 ¼"	110mm - 120mm
TE2DIHD171P	1750kg	155mm	145mm	45mm	Dacromet Coated	■	2 ¼"	110mm - 120mm
TE2DIHD172	1750kg	155mm	145mm	45mm	Stainless Steel		2 ¼"	110mm - 120mm
TE2DIHD172P	1750kg	155mm	145mm	45mm	Stainless Steel	■	2 ¼"	110mm - 120mm

1500KG - 1750KG - 2000KG

Disc brakes from CM could be the best investment you ever make. Superior caliper design for extra strength, quality materials, quality workmanship and corrosion protection make these the best performing disc brakes on the NZ market. **SEE CALIPER RANGE PAGE 57.**

Choose from either Dacromet Coated or stainless steel vented rotors for greater heat dissipation and improved performance. Dacromet Coating passed 1008 hours salt spray test ASTM-B-117-09 with no rust.



Largest piston and brake pads in the industry - producing 30% more brake torque

UP TO 6 YEAR WARRANTY

ROTORS AND CALIPERS AVAILABLE IN STAINLESS STEEL

UNIQUE FEATURES & SPECIFICATIONS

- New disc brake set with 1-piece rotor/hub now available in 1500kg range for improved value.
- Stud patterns up to 5½" (140mm) PCD.
- Vented rotors: run cooler and improve braking performance.
- Ceramic pads: improve performance plus 50% to 100% longer pad life.
- Longest warranty in the industry: 6 years Stainless Steel / 3 years Dacromet Coated. Conditions apply.
- Large pistons: 2½", largest in the industry.
- Large diameter rotors: 11", 22% larger than the opposition, giving more braking force per revolution.
- Vented rotors are less susceptible to brake fade and warpage. All rotors are balanced with minimal runout.
- Galvanised SG Iron hubs: machined from quality SG Iron castings and galvanised for maximum protection.
- Park brake facility: stub axles also available with a twin mount to fit a mechanical park. brake caliper (standard on 2000kg) required for trailers over 2500kg GLW. **SEE PAGE 46-48.**
- Proven reliability.
- Marine quality triple lip seals: all these disc brakes are fitted with triple lip marine quality seals for optimum wheel bearing protection.
- Fits most 13" galvanised OEM spoke boat trailer wheels and the majority of 14", 15" and 16".
- Guaranteed performance: exceeds CSA-D313 test requirements.
- Silicone boot seals on all calipers.

OTHER ITEMS YOU MAY BE INTERESTED IN ?

INTEGRATED PARK BRAKE CALIPERS

SEE PAGE 54



HOSE AND FITTING KIT RANGES

SEE PAGE 17-18



VERRIDE COUPLINGS

SEE PAGES 13-14

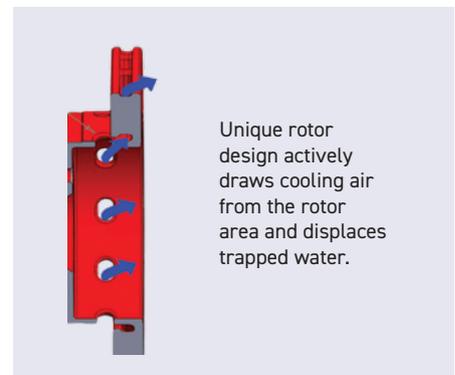
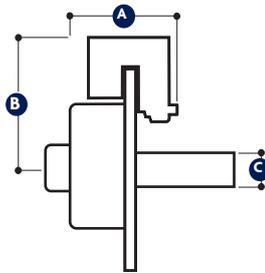


1500KG - 1750KG - 2000KG

Gold Line* Dacromet finish or stainless steel hydraulic caliper

*Gold Line calipers are an entry-level item and do not have any stainless steel components.

Hydraulic with Integral Park Brake Caliper



ROTORS AND CALIPERS AVAILABLE IN STAINLESS STEEL

PART NO	CAPACITY PER PAIR	A	B	C	11" ROTOR	CALIPERS	INTEGRATED PARK BRAKE CALIPER	CALIPER SIZE	PCD MIN-MAX (MM)
TE2DIHK150	1500kg	158mm	150mm	39mm	Dacromet Coated	Gold Line		2 1/4"	100-150mm
TE2DIHK151	1500kg	158mm	150mm	39mm	Dacromet Coated	Dacromet Coated		2 1/4"	100-150mm
TE2DIHK151P	1500kg	158mm	150mm	39mm	Dacromet Coated	Dacromet Coated	■	2 1/4"	100-150mm
TE2DIHK152	1500kg	158mm	150mm	39mm	Dacromet Coated	Stainless Steel		2 1/4"	100-150mm
TE2DIHK152P	1500kg	158mm	150mm	39mm	Dacromet Coated	Stainless Steel	■	2 1/4"	100-150mm
TE2DIHK153	1500kg	158mm	150mm	39mm	Stainless Steel	Stainless Steel		2 1/4"	100-150mm
TE2DIHK153P	1500kg	158mm	150mm	39mm	Stainless Steel	Stainless Steel	■	2 1/4"	100-150mm
TE2DIHK170	1750kg	158mm	150mm	45mm	Dacromet Coated	Gold Line		2 1/4"	100-150mm
TE2DIHK171	1750kg	158mm	150mm	45mm	Dacromet Coated	Dacromet Coated		2 1/4"	100-150mm
TE2DIHK171P	1750kg	158mm	150mm	45mm	Dacromet Coated	Dacromet Coated	■	2 1/4"	100-150mm
TE2DIHK172	1750kg	158mm	150mm	45mm	Dacromet Coated	Stainless Steel		2 1/4"	100-150mm
TE2DIHK172P	1750kg	158mm	150mm	45mm	Dacromet Coated	Stainless Steel	■	2 1/4"	100-150mm
TE2DIHK173	1750kg	158mm	150mm	45mm	Stainless Steel	Stainless Steel		2 1/4"	100-150mm
TE2DIHK173P	1750kg	158mm	150mm	45mm	Stainless Steel	Stainless Steel	■	2 1/4"	100-150mm
TE2DIHK200	2000kg	158mm	150mm	50mm	Dacromet Coated	Gold Line		2 1/4"	108-150mm
TE2DIHK201	2000kg	158mm	150mm	50mm	Dacromet Coated	Dacromet Coated		2 1/4"	108-150mm
TE2DIHK201P	2000kg	158mm	150mm	50mm	Dacromet Coated	Dacromet Coated	■	2 1/4"	108-150mm
TE2DIHK202	2000kg	158mm	150mm	50mm	Dacromet Coated	Stainless Steel		2 1/4"	108-150mm
TE2DIHK202P	2000kg	158mm	150mm	50mm	Dacromet Coated	Stainless Steel	■	2 1/4"	108-150mm
TE2DIHK203	2000kg	158mm	150mm	50mm	Stainless Steel	Stainless Steel		2 1/4"	108-150mm
TE2DIHK203P	2000kg	158mm	150mm	50mm	Stainless Steel	Stainless Steel	■	2 1/4"	108-150mm

2750KG & 3500KG

CM offer two capacities of heavy duty disc brakes sets: 2750kg & 3500kg. Both have 12" vented disc rotors. Designed for use on Class TB and Class TC trailers.

UP TO 6 YEAR WARRANTY

UNIQUE FEATURES AND SPECIFICATIONS

- Vented 12" rotors – run cooler and improve braking performance
- Guaranteed performance – exceeds CSA-D313 test requirements
- Supplied with marine quality seals
- Ceramic pads – improve performance, plus 50% – 100% longer pad life
- Talk to our staff about our range of mechanical park brake options, required for trailers over 2500kg
- Fits 15" and 16" – 5.50" (140mm) PCD

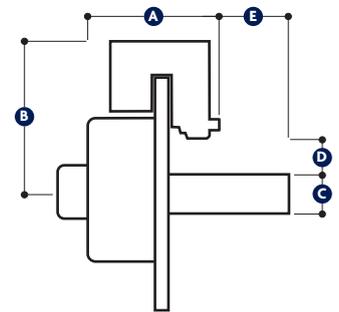


Largest piston and brake pads in the industry – producing 30% more brake torque

2750kg hydraulic vented disc brake



3500kg hydraulic vented disc brake



CALIPERS AVAILABLE IN STAINLESS STEEL

PART NO	CAPACITY PER PAIR	A	B	C DIA.	D	E	12 INCH ROTOR	CALIPERS	CALIPER SIZE	INTEGRATED CALIPER	PCD MIN-MAX (MM)
TE2DIHK251	2750kg	156mm	170mm	64mm	45mm	165mm	Dacromet Coated	Dacromet Coated	2 1/2"		
TE2DIHK251P	2750kg	156mm	170mm	64mm	45mm	165mm	Dacromet Coated	Dacromet Coated	2 1/2"	■	5 1/2" (140mm)
TE2DIHK252	2750kg	156mm	170mm	64mm	45mm	165mm	Dacromet Coated	Stainless Steel	2 1/2"		6 Stud"
TE2DIHK252P	2750kg	156mm	170mm	64mm	45mm	165mm	Dacromet Coated	Stainless Steel	2 1/2"	■	
TE2DIHK253	2750kg	156mm	170mm	64mm	45mm	165mm	Stainless Steel	Stainless Steel	2 1/2"		
TE2DIHK253P	2750kg	156mm	170mm	64mm	45mm	165mm	Stainless Steel	Stainless Steel	2 1/2"	■	
TE2DIHK351	3500kg	162mm	179mm	63.5mm	45mm	160mm	Dacromet Coated	Dacromet Coated	2 1/2"		5 1/2" (140mm) 6 Stud"
TE2DIHK352	3500kg	162mm	179mm	63.5mm	45mm	160mm	Dacromet Coated	Stainless Steel	2 1/2"		
TE2DIHK353	3500kg	162mm	179mm	63.5mm	45mm	160mm	Stainless Steel	Stainless Steel	2 1/2"		

CONVERT AMERICAN DRUM BRAKES TO HYDRAULIC DISC BRAKES

Tired of seized or failed electric or hydraulic drum brakes? Now there is an easy solution with Retro Disc Brake Kits that fit a lot of USA-made trailers and are easy to install.

Six-year warranty on stainless steel, 2-year warranty on all other parts. All calipers are individually tested to ensure years of quality service, even in heavy salt water conditions.

These callipers are the first to feature all corrosion-resistant hardware including: stainless steel piston, bleeders, guide bolts and guide bolt sleeves. Inlet port is brass.

UP TO 6 YEAR WARRANTY

EACH KIT CONTAINS 1 PAIR OF:

- 1 piece Hub/Rotor – Dacromet Coated
- Taper roller bearings
- Stainless Steel or plated 2.25" caliper
- Ceramic disc pads
- Mounting bracket
- Fasteners
- Wheel studs and nuts
- Hub seal



TE2HRCM12SCAD half set pictured

PART NO	ROTOR DIAMETER	CALIPER 2 1/2"	INNER BEARING	OUTER BEARING	STUD PATTERN (PCD)
TE2HRCM10SCAD	10"	Dacromet Coated	L68149	L44649	FORD
TE2HRCM10SS	10"	Stainless Steel	L68149	L44649	4.50" x 5 x 1/2"
TE2HRCM12SCAD	12"	Dacromet Coated	25580	15123	5.50" x 6 x 1/2"
TE2HRCM12SS	12"	Stainless Steel	25580	15123	

CALIPER MOUNT BRACKETS

PART NO	SUITS ROTOR SIZE	SUITS ROTOR TYPE
TE192KCMB10I	10"	One piece
TE192KCMB10U	10"	Two piece
TE192KCMB12I	12"	Both one and two piece



DEEMAXX & KODIAK 2 ¼" AND 2 ½" CALIPERS

Large pistons and pads for improved braking performance.

New Silicone piston boots perform better under extreme temperatures, and last longer than standard EPDM rubber boots.



PART NO	PISTON SIZE	BODY	FITTED TO
TE192KDBC225V	2 ¼"	Gold Line	1500kg, 1750kg, 2000kg and 2750kg brakes
TE192KDBC225	2 ¼"	Dacromet Coated	
TE192KDBC225SS	2 ¼"	Stainless Steel	3500kg brakes
TE192KDBC250	2 ½"	Dacromet Coated	
TE192KDBC250SS	2 ½"	Stainless Steel	

Note: Gold Line calipers do not have stainless steel components.

INTEGRAL HYDRAULIC PARK BRAKE CALIPER

PART NO	PISTON SIZE	FINISH	FITTED TO
TE192KDBC225HYPB	2 ¼"	Dacromet Coated	1500kg, 1750kg, 2000kg and 2750kg brakes
TE192KDBC225SSPB	2 ¼"	Stainless Steel	
TE192KDBC250HYPB	2 ½"	Dacromet Coated	3500kg brakes
TE192KDBC250SSPB	2 ½"	Stainless Steel	3500kg brakes

FORWARD PULL



CENTRE PULL

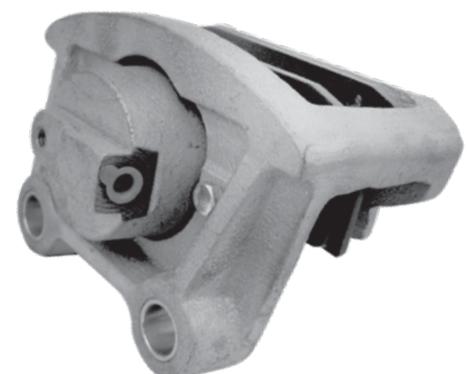


- CM caliper with an integrated mechanical park brake
- Available as centre pull or forward pull
- Used on trailers over 2500kg where a mechanical park brake is required by law
- For use with CM 1500kg, 1750kg, 2000kg, 2750kg and 3500kg disc brake sets

REPLACEMENT HYDRAULIC CALIPERS

TE192246

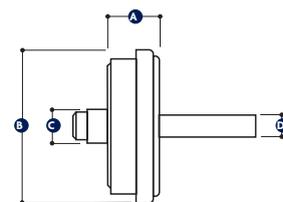
- Trigg style Australian design caliper



HYDRAULIC DRUM BRAKES

CM hydraulic drum brakes are suitable for use on industrial and domestic trailers, horse floats and caravans and are an economical and efficient means of braking.

TE2DRH1500
1500kg/pr



TE2DRH2750P 2750kg/pr

PART NO	CAPACITY PER PAIR	MECHANICAL PARK BRAKE	BRAKES	A	B	C	D	PCD Min-Max (mm)
TE2DRH1500	1500kg	No	9" x 1.75"	79mm	260mm	61mm	39mm dia	100mm-160mm
TE2DRH1500F	1500kg	No	9" x 1.75"	79mm	260mm	61mm	39mm dia	4.50" x 5 x 1/2"
TE2DRH2750P*	2750kg	Yes	12" x 2"	122mm	350mm	90mm	63.60mm (2.50")	5.50 x 6 x 1/2"

* Only suitable for trailers under 3500kg gross laden weight and not suitable for COF class TC trailers. CM can supply drum brakes suitable for COF trailers (over 3500kg gross laden weight). Please contact us for a quote.

ELECTRIC DRUM BRAKES

CM offer a range of 10" and 12" electric brakes for trailers up to 3500kg.

TO SEE HOW ELECTRIC BRAKES WORK, GO TO THE SECTION ON PAGE 46.

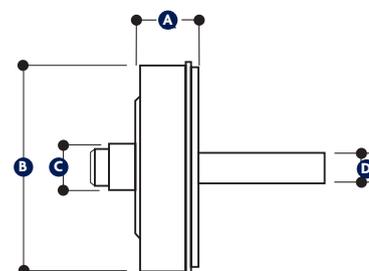


1500kg and 1750kg/pr



TE2DRE2750P 2750kg/pr

Electric brakes are not designed for use in the heavy transport industry. Designed for use on light trailers up to 3500kg gross laden weight.



PART NO	CAPACITY PER PAIR	MECHANICAL PARK BRAKE	BRAKES	A	B	C	D (DIAMETER)	PCD Min-Max (mm)
TE2DRE1500P	1500kg	Yes	10" x 2.25"	87mm	274mm	61mm	39mm	100-180mm
TE2DRE1500PF	1500kg	Yes	10" x 2.25"	87mm	274mm	61mm	39mm	4.50" x 5 stud
TE2DRE1750P	1750kg	Yes	10" x 2.25"	87mm	274mm	61mm	45mm	100-180mm
TE2DRE1750PF	1750kg	Yes	10" x 2.25"	87mm	274mm	61mm	45mm	4.50" x 5 stud
TE2DRE2750P	2750kg	Yes	12" X 2"	122mm	350mm	90mm	63.60mm (2.50")	5.50" x 6 x 1/2"

AL-KO TANDEM & TRIPLE BRAKE SYSTEM 3500KG

On 1st June 2019, the Amendment of Land Transport Rule Light-Vehicle Brakes 2019 Rule 32014/2002/5 came into force. This now allows for Class TB trailers with a laden weight of 2500kg - 3500kg GVM to have indirect braking without having to apply for an exemption. Our AL-KO 3500kg European Braking System complies with ECE Regulation No:13 and is a perfect solution for Class TB trailers, it allows NZ trailer builders to build Class TB trailers with this European mechanical brake system with no need for exemption.

Kit consists of mechanical override coupling, drum brakes, including emergency breakaway brakes and park brake facility.



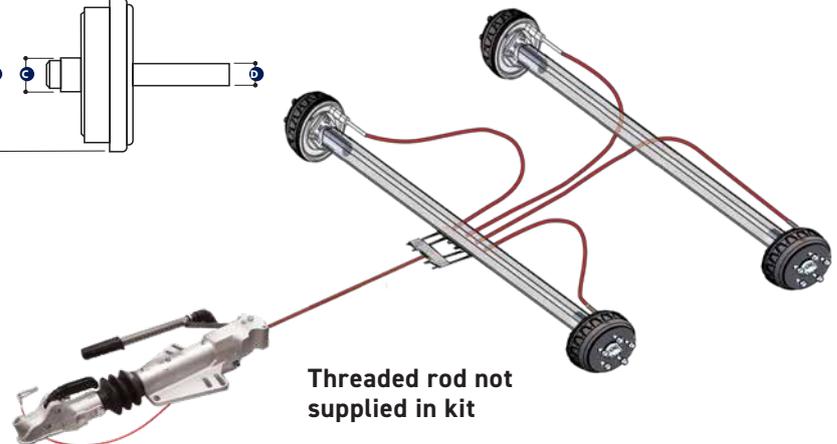
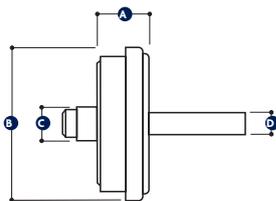
KIT CONSISTS OF:

- 1 7/8" or 50mm override lockable coupling and parkbrake
- 4 x 230mm diameter or 6 x 230mm mechanical drum brake assemblies with mechanical park brake
- Weld-in stub axle
- Equaliser and four connecting brake cables
- Fasteners
- Wheel studs and nuts
- Hub seal



TE4MPEU

Mounting plate profile cut to the same size as the coupling footprint. 12mm thick, ready to weld on.



* Lock sold separately - 991222692

TANDEM AXLE

PART NO	CAPACITY PER SET	COUPLING SIZE	BRAKES	A	B	C	D (DIAMETER)	PCD
TEKEU35	3500kg	1 7/8"	230 x 61mm	114mm	261mm	*See note	52mm	4.50" x 5
TEKEU36	3500kg	50mm	230 x 61mm	114mm	261mm	*See note	52mm	4.50" x 5

* Dimension C - Suitable for rims with centre hole minimum diameter 57mm

CM now manufacture braked and non-braked axle beams in-house to customer specifications.



AXLE STYLE OPTIONS:

- Straight Axle
- Drop Axle
- Gull Wing Axle

FINISH OPTIONS:

- Hot Dip Galv
- Duragalv
- Black/Self Colour

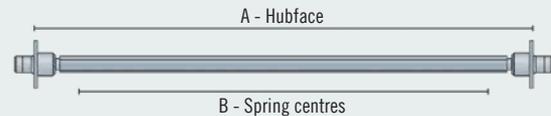
Simply complete the form below and we will manufacture to your requirements.

AXLE BEAM ORDER FORM

COMPANY
PHONE
CONTACT
ORDER #
This order for manufactured axles constitutes acceptance by the Customer that the measurements provided here by the Customer to CM Trailer Parts are correct and the Customer accepts that the finished product, made to these specifications are non-returnable and due for payment under the CM Trailer Parts normal Terms of Trade.
CUSTOMER SIGNATURE
DATE

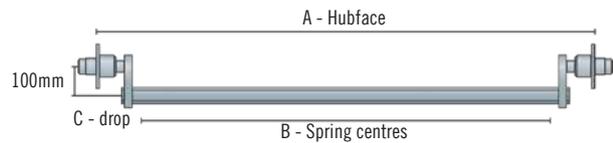
STRAIGHT AXLE

QUANTITY REQUIRED



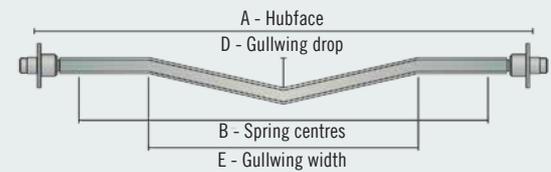
DROP AXLE

QUANTITY REQUIRED



GULLWING AXLE

QUANTITY REQUIRED



SPECIFICATIONS

OVERALL HUBFACE MEASUREMENT (A)

SPRING CENTRES MEASUREMENT (B)

CHASSIS WIDTH (outside to outside in mm).....

GULLWING DROP (D) 100mm Other

GULLWING WIDTH (E) 1250mm 1500mm Other

FINISH Duragalv Galvanised Bare steel

AXLE WEIGHT 1500kg 1750kg 2000kg EU3500kg

BOX SECTION SIZE* 50x50mm 65x65mm

LOCATION OF AXLE Under spring (closer to road) Over spring (closer to chassis)

ASSEMBLED Yes No

HUB TYPE Unbraked Disc brake Hyd drum Elec drum

STUD PATTERN

RETURN FORM BY EMAIL TO sales.nz@alko-tech.com

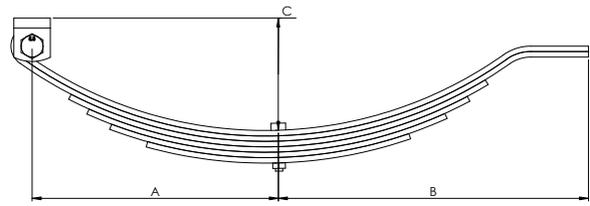
OFFICE USE ONLY

PART NUMBER: INVOICE NUMBER:

* More axle weight options available - please contact for more information.

MULTI-LEAF SPRINGS

These multi leaf spring selection depicts our most popular range of trailer springs, choose from either painted or Dacromet finishes. Dacromet is ideal for marine applications.



U-Bolt Kit sold separately

PAINTED

1 PAIR SPRINGS, SHACKLES, SLIPPERS & BOLTS	*SPRING KIT IN DISPLAY CARTON BELOW	NO. OF LEAVES	CAPACITY PER PAIR	A	B	C	WIDTH
TE7I0500	TE7I0500K	2 x 6mm	500kg	282mm	335mm	110mm	50mm
TE7I0750	TE7I0750K	3 x 6mm	750kg	282mm	335mm	110mm	50mm
TE7I1000	TE7I1000K	4 x 6mm	1000kg	282mm	335mm	110mm	50mm
TE7I1250	TE7I1250K	5 x 6mm	1250kg	282mm	335mm	110mm	50mm
TE7I1500	TE7I1500K	6 x 6mm	1500kg	282mm	335mm	110mm	50mm
TE7I1750		7 x 6mm	1750kg	282mm	335mm	110mm	50mm



Second leaf wraps around past the shackle eye for maximum strength and support of the main leaf minimising the risk of breakage.

* Kits include U Bolt kit & packaged in attractive display carton.

DACROMET

1 PAIR SPRINGS, SHACKLES, SLIPPERS & BOLTS	*SPRING KIT IN DISPLAY CARTON BELOW	NO. OF LEAVES	CAPACITY PER PAIR	A	B	C	WIDTH
TE7G0500	TE7G0500K	2 x 6mm	500kg	282mm	335mm	110mm	50mm
TE7G0750	TE7G0750K	3 x 6mm	750kg	282mm	335mm	110mm	50mm
TE7G1000	TE7G1000K	4 x 6mm	1000kg	282mm	335mm	110mm	50mm
TE7G1250	TE7G1250K	5 x 6mm	1250kg	282mm	335mm	110mm	50mm
TE7G1500	TE7G1500K	6 x 6mm	1500kg	282mm	335mm	110mm	50mm
TE7G1750		7 x 6mm	1750kg	282mm	335mm	110mm	50mm

Dacromet coatings are water based containing metal oxides, zinc and aluminium, and cured at high temperatures offering a 4 way corrosion resistance barrier. Dacromet coating passes the 250-hour salt spray test.

SPRING KIT

Consisting of springs from the painted or dacromet selection in the above tables and packaged in attractive display carton.

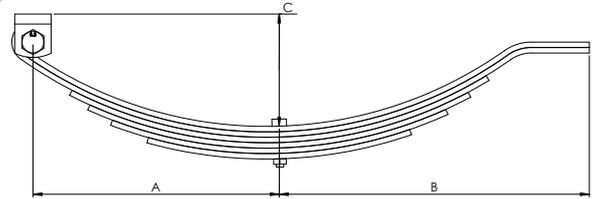
- KITS CONSIST OF:**
- 1pr leaf springs
 - Shackles
 - Shackle bolts & nuts
 - Slippers
 - U Bolt kit



Note: Spring specifications are subject to change without prior notification.

SPRINGS & SUSPENSIONS

LONG SERIES MULTI-LEAF SPRINGS

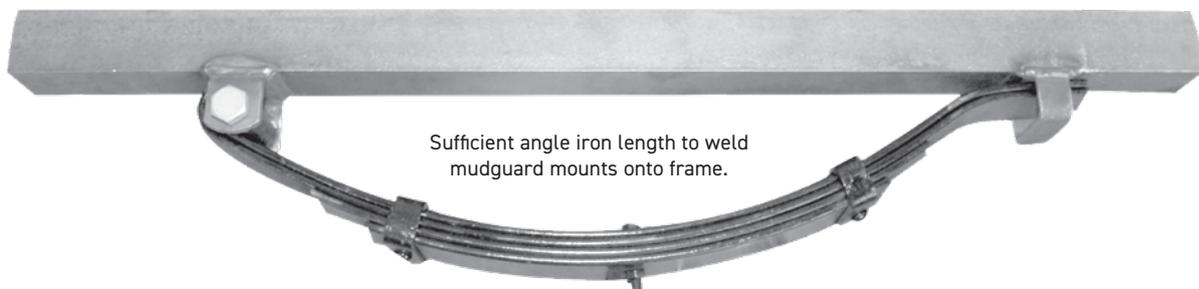


SELF COLOUR

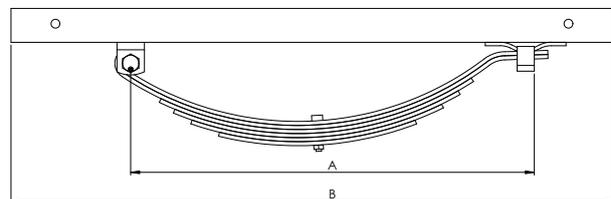
U-Bolt Kit sold separately

PART NO	NO. OF LEAVES	CAPACITY PER PAIR	A	B	C	WIDTH
TE7N0450	2 x 6.3mm	450kg	360mm	410mm	110mm	50mm
TE7N0600	3 x 6.3mm	600kg	360mm	410mm	110mm	50mm
TE7N0750	4 x 6.3mm	750kg	360mm	410mm	110mm	50mm
TE7N1000	5 x 6.3mm	1000kg	360mm	410mm	110mm	50mm
TE7N1500	5 x 8mm	1500kg	360mm	410mm	110mm	50mm
TE7N1750	6 x 8mm	1750kg	360mm	410mm	110mm	50mm
TE7N2000	5 x 9mm	2000kg	360mm	410mm	130mm	50mm
TE7N2500	6 x 9mm	2500kg	360mm	410mm	130mm	50mm

ANGLE IRON MOUNTING FRAME



- Designed to make retrofitting springs to trailers easier
- Weld-on or bolt-on



PAINTED

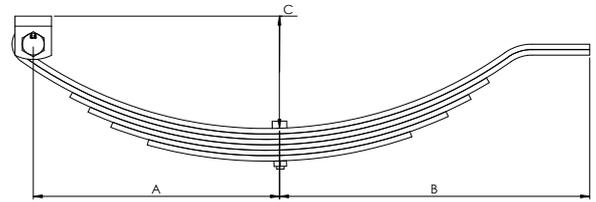
PART NO	A	B	ANGLE IRON SIZE	ANGLE IRON FINISH
TE7I0500-F	580mm	880mm	50mm x 50mm	Bare Steel
TE7I0750-F	580mm	880mm	50mm x 50mm	Bare Steel
TE7I1000-F	580mm	880mm	50mm x 50mm	Bare Steel
TE7I1250-F	580mm	880mm	50mm x 50mm	Bare Steel
TE7I1500-F	580mm	880mm	50mm x 50mm	Bare Steel
TE7I1750-F	580mm	880mm	50mm x 50mm	Bare Steel

DACROMET

PART NO	A	B	ANGLE IRON SIZE	ANGLE IRON FINISH
TE7G0500-FG	580mm	880mm	50mm x 50mm	Galvanised
TE7G0750-FG	580mm	880mm	50mm x 50mm	Galvanised
TE7G1000-FG	580mm	880mm	50mm x 50mm	Galvanised
TE7G1250-FG	580mm	880mm	50mm x 50mm	Galvanised
TE7G1500-FG	580mm	880mm	50mm x 50mm	Galvanised
TE7G1750-FG	580mm	880mm	50mm x 50mm	Galvanised

Note: Spring specifications are subject to change without prior notification.

45MM WIDE SPRING



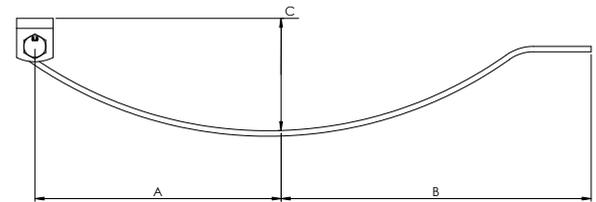
PAINTED

PART NO	NO. OF LEAVES	CAPACITY PER PAIR	A	B	C	WIDTH
TE7M1000	5 x 6mm	1000kg	320mm	440mm	170mm	45mm
TE7M1250	6 x 6mm	1250kg	320mm	440mm	170mm	45mm

U-Bolt Kit sold separately

SINGLE-LEAF MARINE QUALITY SPRINGS

Parabolic tapered single leaf springs are ideal for fitting to all trailers used in marine applications. Being a single leaf eliminates the risk of salt water corrosion between the leaves. The 45mm wide are galvanised and the 51mm are finished in an enamel grey paint.



U-Bolt Kit sold separately



PART NO	CAPACITY PER PAIR	SPRING CENTRE THICKNESS	A	B	C	EYE DIAMETER	WIDTH	FINISH
TE7P1000	1000kg		350mm	410mm	170mm	½"	45mm	Galvanised
TE7P1400	1400kg		350mm	410mm	170mm	½"	45mm	Galvanised
TE7S0500	500kg	8mm	330mm	430mm	100mm	16mm	51mm	Painted
TE7S1000	1000kg	11mm	330mm	430mm	100mm	16mm	51mm	Painted
TE7S1500	1500kg	13mm	330mm	430mm	100mm	16mm	51mm	Painted
TE7S2000	2000kg	18mm	330mm	430mm	100mm	16mm	51mm	Painted

TOP TIP

SPRING INSTALLATION

“Tighten U-bolts sufficiently and again after the first 100km of use”

There must be zero flex around the centre bolt area of spring leaves, as this is the weakest point of the spring. Any flexing in this area can cause the leaves to fracture across the centre bolt hole. To eliminate any flexing in this area, the U-bolts must be sufficiently tightened to clamp the spring between the axle beam and fish plate. U-bolts must also be retightened after the first 100km of use. Do not lubricate threads when torquing/tightening up at assembly or retightening.

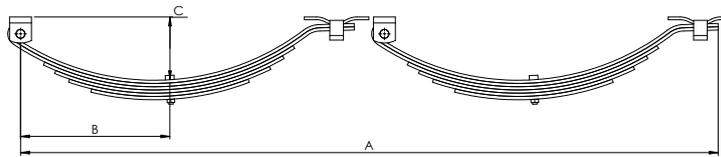
Note: Spring specifications are subject to change without prior notification.

NON-ROCKER TANDEM SPRINGS

Non rocker-equalising tandem springs are the economy option for setting up a tandem wheeled trailer. CM recommend using rocker equalisers.

See chart below regarding performance.

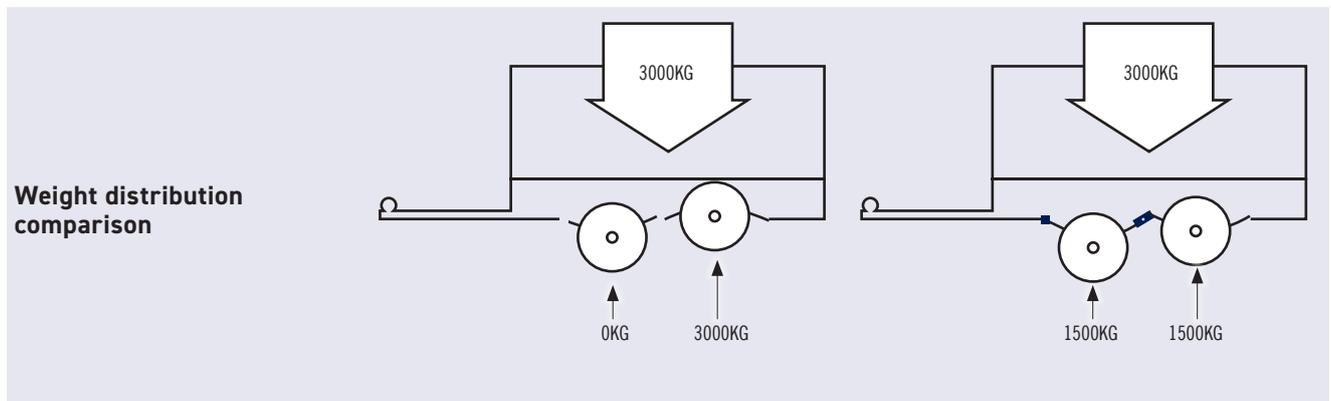
Note that tandem springs and suspensions without load sharing rocker-equalisers must be derated by 25% to avoid bearing, stub axle or suspension failure caused by periodic point overloading as shown in the chart at base of this page.



U-Bolt Kit sold separately

PART NO	NO. OF LEAVES	CAPACITY PER SET (4 SPRINGS)	A	B	C	WIDTH
TE7TS2000	4 x 6.3mm	2000kg	1270mm	282mm	110mm	50mm
TE7TS2500	5 x 6mm	2500kg	1270mm	282mm	110mm	50mm
TE7TS3000	6 x 6mm	3000kg	1270mm	282mm	110mm	50mm

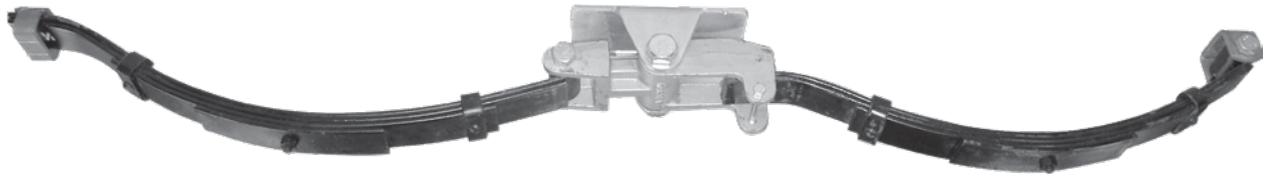
	NON ROCKING	FITTED WITH ROCKER-EQUALISERS
Equal load distributed over all four wheels all the time	No	Yes
Prolonged bearing, hub and axle life	No	Yes
Towing performance	Average	Very good



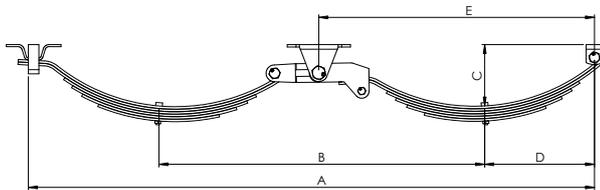
NOTE: When mounting springs above RHS axle beam a support base plate, Part No. TE197SBP must be used. Failure to do so can cause spring leaf breakage.

Note: Spring specifications are subject to change without prior notification.

EYE - SLIPPER TYPE EQUALISING



PART NO	NO. OF LEAVES	CAPACITY PER SET (4 SPRINGS)	A	B	C	D	E	WIDTH	FINISH
TE7TE1500-ES	3	1500kg	1345mm	775mm	130mm	275mm	660mm	50mm	Painted
TE7TE1500-ESG	3	1500kg	1345mm	775mm	130mm	275mm	660mm	50mm	Dacromet
TE7TE2000-ES	4	2000kg	1345mm	775mm	130mm	275mm	660mm	50mm	Painted
TE7TE2000-ESG	4	2000kg	1345mm	775mm	130mm	275mm	660mm	50mm	Dacromet
TE7TE2000-ESL	5	2000kg	1660mm	950mm	155mm	360mm	825mm	50mm	Painted
TE7TE2500-ES	5	2500kg	1345mm	775mm	130mm	275mm	660mm	50mm	Painted
TE7TE2500-ESG	5	2500kg	1345mm	775mm	130mm	275mm	660mm	50mm	Dacromet
TE7TE3000-ES	6	3000kg	1345mm	775mm	130mm	275mm	660mm	50mm	Painted
TE7TE3000-ESG	6	3000kg	1345mm	775mm	130mm	275mm	660mm	50mm	Dacromet
TE7TE3000-ESL	5	3000kg	1660mm	950mm	155mm	360mm	825mm	50mm	Painted
TE7TE3500-ES	7	3500kg	1345mm	775mm	130mm	275mm	660mm	50mm	Painted
TE7TE3500-ESG	7	3500kg	1345mm	775mm	130mm	275mm	660mm	50mm	Dacromet
TE7TE3500-ESL	6	3500kg	1660mm	950mm	155mm	360mm	825mm	50mm	Painted
TE7TE4000-ESL	5	4000kg	1660mm	950mm	155mm	360mm	825mm	50mm	Painted

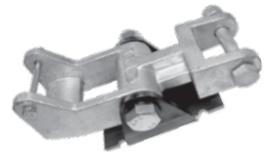


U-Bolt Kit sold separately

EYE-SLIPPER ROCKER

TE7TE1R

Grade 8.8 M20HT bolt locked – cannot rotate in cradle. Nylon bushes fitted for longer life. SG Iron castings.



MOUNTED ON A FRAME

CM have the above springs available with all the mountings welded to 60mm x 60mm angle iron frames. Ideal for welding or bolting to trailer chassis. The frames are available either self colour or galvanised for marine use.



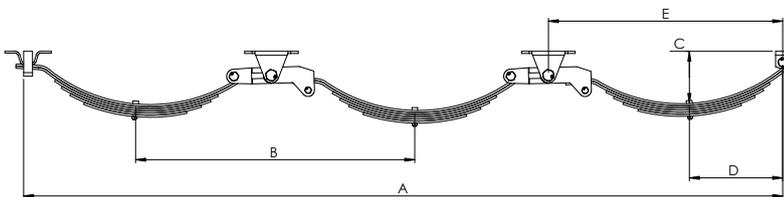
PART NO	NO. OF LEAVES	CAPACITY PER SET (4 SPRINGS)	A	B	C	D	E	WIDTH	FINISH
TE7TE1500-ESF	3	1500kg	1345mm	775mm	130mm	270mm	660mm	50mm	Painted
TE7TE2000-ESF	4	2000kg	1345mm	775mm	130mm	270mm	660mm	50mm	Painted
TE7TE2500-ESF	5	2500kg	1345mm	775mm	130mm	270mm	660mm	50mm	Painted
TE7TE3000-ESF	6	3000kg	1345mm	775mm	130mm	270mm	660mm	50mm	Painted
TE7TE3500-ESF	7	3500kg	1345mm	775mm	130mm	270mm	660mm	50mm	Painted
TE7TE4000-ESLF	5	4000kg	1660mm	950mm	155mm	360mm	825mm	50mm	Painted
TE7TE1500-ESFG	3	1500kg	1345mm	775mm	130mm	270mm	660mm	50mm	Dacromet
TE7TE2000-ESFG	4	2000kg	1345mm	775mm	130mm	270mm	660mm	50mm	Dacromet
TE7TE2500-ESFG	5	2500kg	1345mm	775mm	130mm	270mm	660mm	50mm	Dacromet
TE7TE3000-ESFG	6	3000kg	1345mm	775mm	130mm	270mm	660mm	50mm	Dacromet
TE7TE3500-ESFG	7	3500kg	1345mm	775mm	130mm	270mm	660mm	50mm	Dacromet

Note: Spring specifications are subject to change without prior notification.

TRIPLE ROCKER EQUALISER SPRING



PART NO	NO. OF LEAVES	CAPACITY PER SET (6 SPRINGS)	A	B	C	D	E	WIDTH	FINISH
TE7TR3750-ES	5	3750kg	2115mm	775mm	130mm	270mm	660mm	50mm	Painted
TE7TR3750-ESG	5	3750kg	2115mm	775mm	130mm	270mm	660mm	50mm	Dacromet
TE7TR4500-ES	6	4500kg	2115mm	775mm	130mm	270mm	660mm	50mm	Painted
TE7TR4500-ESG	6	4500kg	2115mm	775mm	130mm	270mm	660mm	50mm	Dacromet
TE7TR5250-ES	7	5250kg	2115mm	775mm	130mm	270mm	660mm	50mm	Painted
TE7TR5250-ESG	7	5250kg	2115mm	775mm	130mm	270mm	660mm	50mm	Dacromet



U-Bolt Kit sold separately

i TOP TIP

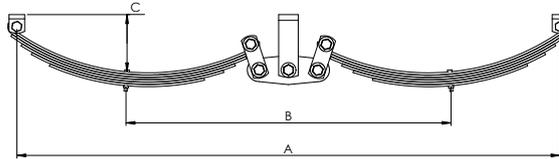
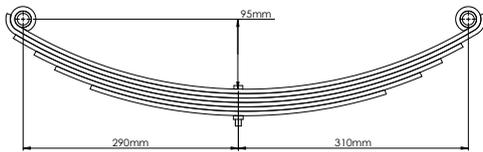
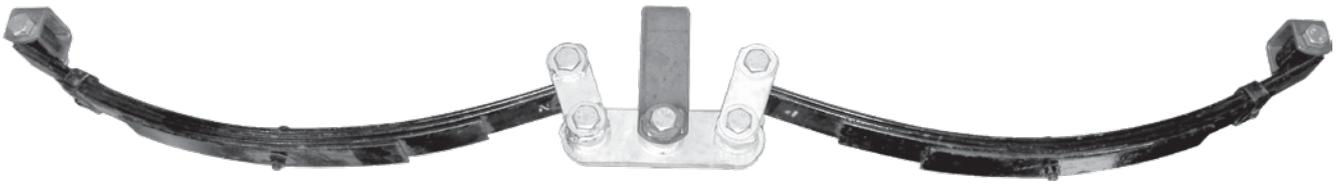
SPRING INSTALLATION

“Tighten U-bolts sufficiently and again after the first 100km of use”

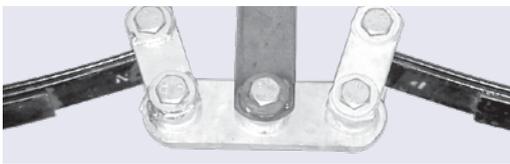
There must be zero flex around the centre bolt area of spring leaves, as this is the weakest point of the spring. Any flexing in this area can cause the leaves to fracture across the centre bolt hole. To eliminate any flexing in this area, the U-bolts must be sufficiently tightened to clamp the spring between the axle beam and fish plate. U-bolts must also be retightened after the first 100km of use. Do not lubricate threads when torquing/tightening up at assembly or retightening.

Note: Spring specifications are subject to change without prior notification.

EYE - EYE TYPE



U-Bolt Kit sold separately



All bolts lock-tapped

PART NO	NO. OF LEAVES	CAPACITY PER SET (4 SPRINGS)	A	B (SEE NOTE BELOW)	C	WIDTH	FINISH
TE7TE2000-EE	4	2000kg	1395mm	*795mm or 835mm	145mm	50mm	Painted
TE7TE2000-EEG	4	2000kg	1395mm	*795mm or 835mm	145mm	50mm	Dacromet
TE7TE2500-EE	5	2500kg	1395mm	*795mm or 835mm	145mm	50mm	Painted
TE7TE2500-EEG	5	2500kg	1395mm	*795mm or 835mm	145mm	50mm	Dacromet
TE7TE3000-EE	6	3000kg	1395mm	*795mm or 835mm	145mm	50mm	Painted
TE7TE3000-EEG	6	3000kg	1395mm	*795mm or 835mm	145mm	50mm	Dacromet
TE7TE3500-EE	8	3500kg	1395mm	*795mm or 835mm	145mm	50mm	Painted
TE7TE3500-EEG	8	3500kg	1395mm	*795mm or 835mm	145mm	50mm	Dacromet

* These springs have an offset centre bolt, so actual space can be increased or decreased by turning springs around dimension B = either 795mm or 835mm.

MOUNTED ON A FRAME

CM have the above springs available with all the mountings welded to 60mm x 60mm angle iron frames. Ideal for welding or bolting to trailer chassis. The frames are available either self colour or galvanised for marine use.



PART NO	NO. OF LEAVES	CAPACITY PER SET (4 SPRINGS)	A	B (SEE NOTE BELOW)	C	WIDTH	FINISH
TE7TE2000-EEF	4	2000kg	1395mm	*795mm or 835mm	145mm	50mm	Painted
TE7TE2000-EEFG	4	2000kg	1395mm	*795mm or 835mm	145mm	50mm	Dacromet
TE7TE2500-EEF	5	2500kg	1395mm	*795mm or 835mm	145mm	50mm	Painted
TE7TE2500-EEFG	5	2500kg	1395mm	*795mm or 835mm	145mm	50mm	Dacromet
TE7TE3000-EEF	6	3000kg	1395mm	*795mm or 835mm	145mm	50mm	Painted
TE7TE3000-EEFG	6	3000kg	1395mm	*795mm or 835mm	145mm	50mm	Dacromet
TE7TE3500-EEF	8	3500kg	1395mm	*795mm or 835mm	145mm	50mm	Painted
TE7TE3500-EEFG	8	3500kg	1395mm	*795mm or 835mm	145mm	50mm	Dacromet

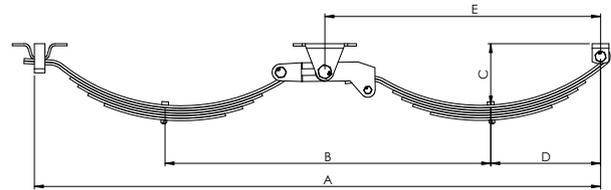
Note: Spring specifications are subject to change without prior notification.

5000KG TO 7000KG TANDEM ROCKER EQUALISING SPRINGS

CM has a range of heavy-duty springs for larger trailers from 5000kg to 7000kg.



- Bi-metal eye bushes fitted for longer life
- Grade 8 1" UNF Pivot Bolt - Lock-tabbed

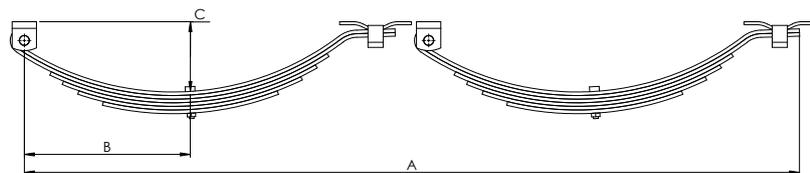


U-Bolt Kit sold separately

PART NO	NO. OF LEAVES	CAPACITY PER SET (4 SPRINGS)	A	B	C	D	E	WIDTH
TE7TE5000-ES	7 x 8mm	5000kg	1810mm	1000mm	170mm	360mm	870mm	60mm
TE7TE6000-ES	8 x 8mm	6000kg	1810mm	1000mm	170mm	360mm	870mm	60mm
TE7TE7000-ES	9 x 8mm	7000kg	1810mm	1000mm	170mm	360mm	870mm	60mm

TANDEM SPRINGS - NON-ROCKING SPRINGS

Please note that tandem springs and suspensions without load sharing rocker-equalisers must be derated by 25% to avoid bearing, stub axle or suspension failure caused by periodic point overloading.



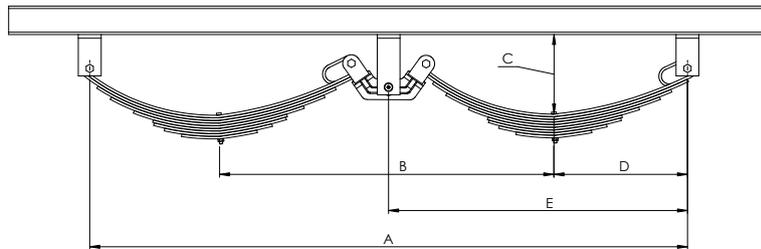
U-Bolt Kit sold separately

PART NO	NO. OF LEAVES	CAPACITY PER SET (4 SPRINGS)	A	B	C	WIDTH
TE7TS5000	7 x 8mm	5000kg	1720mm	360mm	155mm	60mm
TE7TS6000	8 x 8mm	6000kg	1720mm	360mm	155mm	60mm
TE7TS7000	9 x 8mm	7000kg	1720mm	360mm	155mm	60mm

Note: Spring specifications are subject to change without prior notification.

5000KG TANDEM GALVANISED ROCKER ROLLER EQUALISING SPRINGS

This galvanised tandem suspension is capable of carrying severe loads while still maintaining a smooth and compliant ride when lightly laden. Suitable for up to 16" wheels.



PART NO	NO. OF LEAVES	CAPACITY PER SET (4 SPRINGS)	A	B	C	D	E	WIDTH
TE7TE5000-EEG	9	5000kg	1570mm	877mm or 1050mm (pictured)	210mm	352mm	785mm	60mm

SPRING FITTINGS



SHACKLES

590442

- 45mm wide x 1/2" diameter hole

590501

- 51mm wide x 16mm diameter hole



TE197SL2 pictured

SLIPPERS

TE197SL1

- 45mm (w) x 24mm (h)

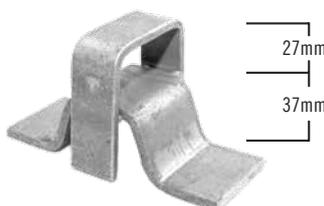
TE197SL2

(pictured above)

- 51mm (w) x 29mm (h)

TE197SL2RS

- 51mm (w) x 37mm (h)



SHACKLE BOLTS

TE197SB1

- Galvanised shackle bolt and nylock nut
- M16 x 90mm

TE197SB3

- Shackle bolt and nylock nut 1/2" UNC x 3 1/2"

Note: Spring specifications are subject to change without prior notification.

U-BOLT KITS

U-bolts are a critical component. CM supply only quality U Bolts sourced from ISO 9001 accredited Australasian manufacturers. CM have a wide range of quality galvanised U-bolts and medium tensile grade 350 fish plates supplied in kits or as loose parts



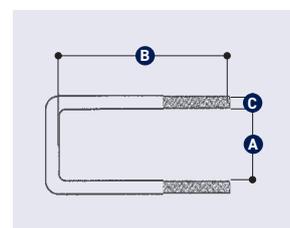
KITS CONSIST OF:

- 4 x U-bolts
- 2 x Fish Plates
- 8 x Nyloc Nuts

NOTE: All U-bolts must be retightened after the first 100km of use. Do not lubricate threads when torquing/tightening up at assembly or retightening

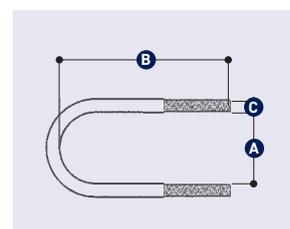
SQUARE U-BOLT

KIT PART NO	SINGLE U-BOLT	TYPE	A	B	C
TE7UBK01	TE7UB01	Square	51mm	57mm	12mm
TE7UBK05	TE7UB05	Square	51mm	100mm	12mm
TE7UBK06	TE7UB06	Square	51mm	114mm	12mm
TE7UBK08	TE7UB08	Square	51mm	127mm	12mm
TE7UBK09	TE7UB09	Square	51mm	140mm	12mm
TE7UBK16	TE7UB16	Square	65mm	115mm	12mm
TE7UBK17	TE7UB17	Square	65mm	130mm	12mm
TE7UBK18	TE7UB18	Square	65mm	152mm	12mm
TE7UBK19	TE7UB19	Square	65mm <td 180mm	12mm	
TE7UBK22	TE7UB22	Square	75mm	120mm	12mm
TE7UBK24	TE7UB24	Square	75mm	150mm	12mm
TE7UBK25	TE7UB25	Square	75mm	190mm	14mm - not Nyloc nuts



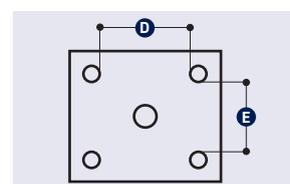
ROUND U-BOLT

KIT PART NO	SINGLE U-BOLT	TYPE	A	B	C
TE7UBK26	TE7UB26	Round	51mm	114mm	12mm
TE7UBK27	TE7UB27	Round	51mm	127mm	12mm
TE7UBK28	TE7UB28	Round	51mm	140mm	12mm
TE7UBK36	TE7UB36	Round	65mm	140mm	12mm
TE7UBK39	TE7UB39	Round	65mm	178mm	12mm



FISH PLATES

PART NO	D	E
590418D	50mm	50mm
TE7UBBP63	50mm	65mm
TE7UBBP50-75	50mm	78mm
TE7UBBP60-75	60mm	75mm



Note: Spring specifications are subject to change without prior notification.

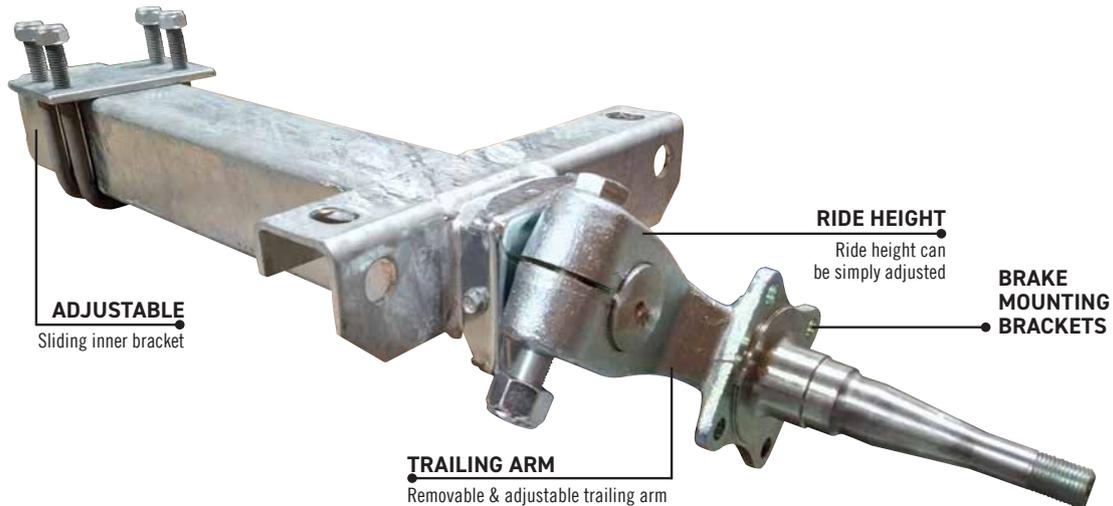
TORSION ARM SUSPENSION HALF AXLE SETS

CM's new design of rubber torsion arm suspensions are packed full of features and the new splined trailing arms make ride height simple and easy to adjust. A first for New Zealand. Their design makes them ideal for use in a variety of applications, particularly where a low deck height is required such as caravans, car transporters, horse floats, boat trailers and domestic trailers. As a suspension system they are easy to install as they are completely self-contained.

The combination of inner and outer alignment bushings delivers a plush ride and holds superior wheel camber and toe-in.



ALIGNMENT BUSHINGS



ADJUSTABLE
Sliding inner bracket

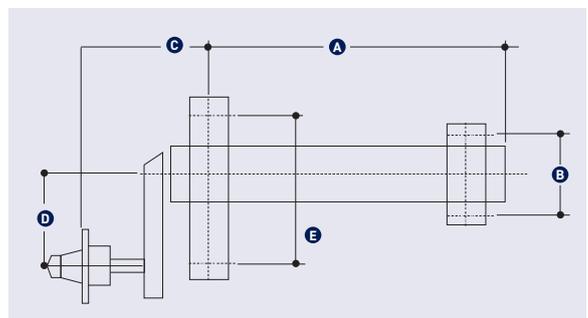
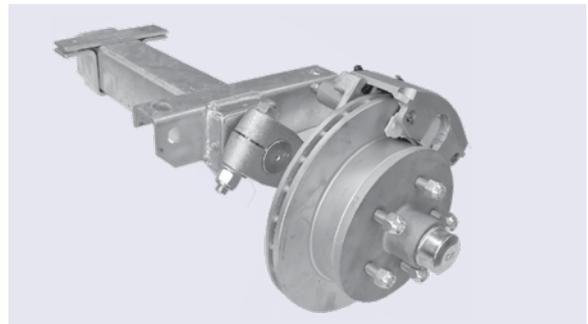
RIDE HEIGHT
Ride height can be simply adjusted

BRAKE MOUNTING BRACKETS

TRAILING ARM
Removable & adjustable trailing arm

FEATURES & SPECIFICATIONS:

- Galvanised body, zinc plated inner and trailing arm
- Available in 1000kg, 1500kg & 2000kg sets
- Splined Trailing Arm, which allows for 6° incremental ride height adjustments
- Removable Trailing Arm means replacement can be made easily
- A combination of inner and outer alignment bushings maintains superior wheel camber and toe in
- Floating inner bracket for variable mounting positions
- Manufacturers recommendations are a derating of 10% on tandem axles and 15% for triple axles
- PLEASE NOTE: All brake & hub sets sold separately



PART NO	CAPACITY PER PAIR	A	B	C	D	E	MOUNT HOLE DIAMETER
TE7TA1000*	1000kg	350mm	87mm	220mm	115mm	230mm	12mm
TE7TA1500*	1500kg	420mm	87mm	220mm	115mm	230mm	12mm
TE7TA2000*	2000kg	470mm	160mm	235mm	115mm	230mm	12mm

***NOTE: These suspensions cannot be supplied without either hub & stub kit or brake kit. Please ensure these kits are included with all suspension orders.**

GENERAL ON-ROAD



PART NO	RIM DIA. x W	RIM TYPE	TYRE	PLY RATING	TYRE DIA.	TYRE WIDTH	CAP.	STUDDING
TE18W9637	13" x 5.5"	Steel-Galv'd	195-50R13C	8	525mm	195mm	850kg	4.50" x 5
TE18W9634	13" x 5"	Steel-Galv'd	165-13C	8	590mm	165mm	670kg	4.50" x 5
TE18W9643	14" x 6"	Steel-Galv'd	185R14	8	649mm	188mm	850kg	4.50" x 5
TE18W9644	14" x 6"	Steel-Galv'd	195-60R14	8	590mm	195mm	850kg	4.50" x 5
TE18W9654	15" x 6"	Steel-Galv'd	195R15C	8	720mm	195mm	950kg	4.50" x 5
TE18W9656	15" x 7"	Steel-Galv'd	225-70R15C	8	695mm	225mm	1125kg	5.50" x 6
TE18W9660	16" x 6"	Steel-Galv'd	215/75R16	10	710mm	228mm	1250kg	5.50" x 6

JET SKI



PART NO	RIM DIA. x W	TYRE	PLY RATING	TYRE DIA.	TYRE WIDTH	CAPACITY	STUDDING
TE18W9510*	8" x 5.375"	16.5 x 6.5-8	6	410mm	165mm	360kg	4" x 4
TE18W9532	8" x 7"	18.5 x 8.5-8	6	18.5" 470mm	8.5" 214mm	425kg	4" x 4

*To order only

ATV



PART NO	RIM DIA. x W	TYRE	PLY RATING	TYRE DIA.	TYRE WIDTH	CAPACITY	STUDDING
TE18WATV8	8" x 7"	22 x 11-8	4	22" 545mm	10" 258mm	160kg @ 30km/h	4" x 4
TE18W9468G*	8" x 7"	22 x 11-8	4	22" 545mm	10" 258mm	160kg @ 30km/h	Integral 25mm Bearings

*To order only

AGRICULTURAL



PART NO	RIM DIA. x W	TYRE	PLY RATING	TYRE DIA.	TYRE WIDTH	CAPACITY	STUDDING
TE18W10.0/8012*	12" x 7"	10.0/ 80-12	10	710mm	264mm	1400kg @ 40km/h	140mm x 5
TE18W11.5/80-15.3*	15.3" x 9"	11.5/ 80-15.3	12	850mm	293mm	2120kg @ 40km/h	205mm x 6

*To order only

GALVANISED STEEL WHEELS

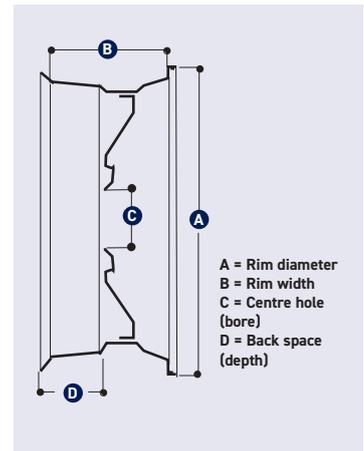
SPOKE WHEELS 12" TO 16"



ATV TRAILER WHEELS



WHEEL WITH 25MM INTEGRAL BEARINGS



■ For increased strength and durability, CM's 13" and 14" spoke wheels all have 5mm thick centres. 15" & 16" have 6mm thick centres. This is heavier than the industry standard.

PART NO	DIAMETER (A)	WIDTH (B)	C	D	CARRYING CAPACITY EACH	NO OF SPOKES	PCD	D.O.T. APPROVED
TE18W9442*	8"	3.75"			500kg	N/A	Integral 25mm bearings	Yes
TE18W9462G*	8"	7"						
TE18R12*	12"	4"	71mm	60mm	466kg	8	4 x 4"	Yes
TE18R13	13" ■	5"	84mm	80mm	815kg	8	5 x 4.50"	Yes
TE18R1355	13" ■	5.50"	84mm	80mm	850kg	8	5 x 4.50"	Yes
TE18RA14	14" ■	6"	84mm	100mm	860kg	8	5 x 4.50"	Yes
TE18R15-5	15" ■	6"	84mm	90mm	1180kg	8	5 x 4.50"	Yes
TE18R15-6	15" ■	7"	110mm	110mm	1180kg	8	6 x 5.50"	Yes
TE18R16-6	16" ■	6"	110mm	90mm	1700kg	8	6 x 5.50"	Yes

*To order only

STUB AXLE

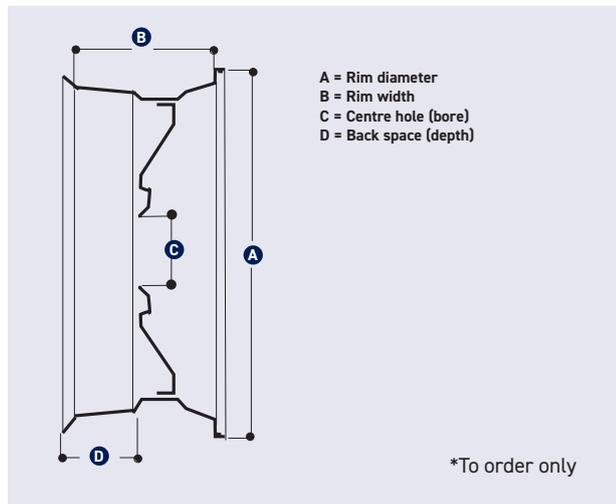
For use with wheels with integral bearings.



PART NO	AXLE DIAMETER	BEARINGS	SEAL
TE18W9856	1 1/2" (31.75mm)	TE190189-17 6205 (25mm)	TE190141

ALLOY TYRE ASSEMBLIES

PART NO	RIM DIA. x W	RIM TYPE	TYRE	PLY RATING	TYRE DIA.	TYRE WIDTH	CAPACITY	STUDDING
TE18W9650	14" x 6"	Alloy	185R14	8	649mm	188mm	850kg	4.50" x 5
TE18W9650LP	14" x 6"	Alloy	195-60 R14	8	590mm	195mm	850kg	4.50" x 5



TE18W9650

ALLOY WHEELS

TE18RAF14 14" x 6"

Supplied with chromed plastic pop-in centre cap and ½" UNF capped wheel nuts.

Wheel & tyre assy part no: TE18W9650.



PART NO	DIAMETER (A)	WIDTH (B)	C	D	CARRYING CAPACITY EACH	No. OF SPOKES	PCD	D.O.T. APPROVED
TE18RAF*	14"	6"	83.82mm	90mm	1000kg	5	5 x 4.50"	Yes

*To order only

TYRES

PART NO	TYRE DIA.	SIZE	PLY RATING	CAPACITY
TE1918T13-195-8P	13"	195/50R13C	8	900kg
TE1918T14-185-8P	14"	185R14C	8	850kg
TE1918T14-195-60	14"	195-60 R14	8	850kg
TE1918T15-225-8	15"	225/70R 15C	8	1120kg
TE1918T16-245-10	16"	215/75 R16	10	1250kg



TYRE LOADING: All trailer tyres must be marked with their load-carrying capacities. When fitted to single-axle trailers, the capacities of the two tyres are added together and must be at least equal to the gross laden weight of the trailer. When fitted in tandem and there is no equalising or load-sharing suspension, tyre capacities must be reduced by 25% and the combined capacities of the four tyres must be at least equal to the Gross Laden Weight (GLW) of the trailer.

SPARE WHEEL MOUNT

TE18W1532

Spare wheel mount that fits most 4 and 5 stud wheel stud patterns including:

4 Stud: Cortina, Toyota 4.50" PCD, 110mm PCD

5 Stud: HT, Falcon, HQ, Commodore, 110mm PCD

- Brass padlock and u-bolt included
- Fully adjustable mounting
- Galvanised steel construction
- 3 position mounting: drawbar, winch post or side frame
- Easy and simple installation



TE1918UB1

Sold with wheel mount

102mm wide x 130mm long x M12

MUD FLAPS

652019 BLACK

220mm (w) x 230mm (h)



TOP TIP

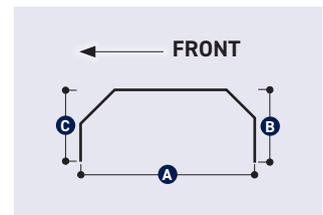
WIDTH OF TRAILERS

The maximum width allowed for light trailers is 2550mm.

This is taken over the widest point which is normally the mudguards. It also includes such items as guide poles on boat trailers.

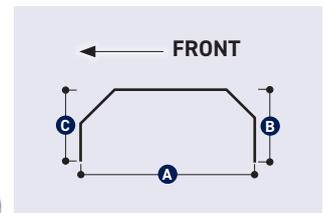
Marker lights are required if the trailer is over 2 metres wide.

PRESS-FORMED GUARDS



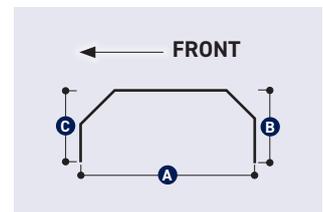
PART NO	TYRE SIZE	THICKNESS	A	B	C	WIDTH	FINISH
TE11MGS5	10" - 12"	1.6mm	545mm	280mm	280mm	220mm	Zintec Plated
TE11MGS2	13" - 14"	2.0mm	770mm	400mm	340mm	215mm	Zintec Plated

HEAVY DUTY - 3MM THICK



PART NO	TYRE SIZE	THICKNESS	A	B	C	WIDTH	FINISH
TE11MGSHD	13" - 14"	3mm	795mm	380mm	325mm	230mm	Zintec Plated

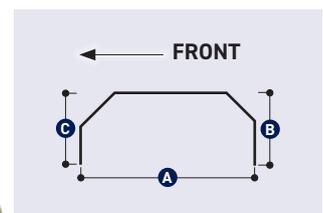
ROLL-FORMED GUARDS



PART NO	TYRE SIZE	THICKNESS	A	B	C	WIDTH	FINISH
TE11MGS3	13" - 14"	1.6mm	760mm	360mm	360mm	230mm	Galvanised
TE11MGS16*	13" - 14"	1.6mm	740mm	405mm	405mm	200mm	Bare metal
TE11MGS13S*	13" 195-50	1.6mm	600mm	370mm	360mm	230mm	Galvanised

*To order only

ALUMINIUM PROPELLER PLATE

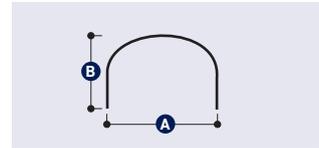


PART NO	TYRE SIZE	THICKNESS	A	B	C	WIDTH	FINISH
TE11MGS10*	13" - 14"	1.6mm	740mm	360mm	360mm	230mm	Aluminium

ROLL-FORMED GUARDS



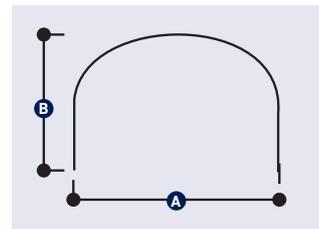
***TE11 MGS7RS SQUARE INNER EDGE**
 TE11MGS7RS has a roll-formed square rear edge, ideal to butt up and weld to trailer body for a tidier finish.



PART NO	TYRE SIZE	THICKNESS	A	B	WIDTH	FINISH
TE11MGS12*	8" Jet Ski / 18.5x8.5x8	1.6mm	560mm	290mm	215mm	Galvanised
TE11MGS9*	ATV / 22x11x8	1.6mm	600mm	330mm	280mm	Galvanised
TE11MGS6*	10" - 12"	1.6mm	560mm	300mm	200mm	Galvanised
TE11MGS7*	13" - 14"	1.6mm	740mm	395mm	230mm	Galvanised
TE11MGS17*	13" - 14"	1.6mm	740mm	380mm	200mm	Bare metal
TE11MGS13R*	13" 195-50	1.6mm	600mm	375mm	230mm	Galvanised
TE11MGS7RS	13" - 14"	1.6mm	740mm	395mm	230mm	Galvanised
TE11MGS15*	15"	1.6mm	755mm	395mm	250mm	Galvanised

*To order only

ALUMINIUM PROPELLER PLATE PRESS FORMED GUARD



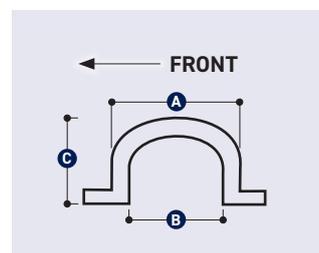
PART NO	TYRE SIZE	THICKNESS	A	B	WIDTH	FINISH
TE11MGS11*	13" - 14"	1.6mm	740mm	390mm	230mm	Aluminium

*To order only

POLYETHYLENE

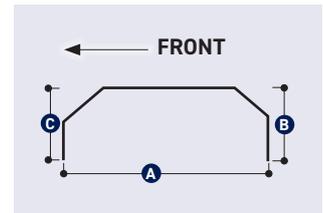
HEAVY DUTY!

- Wasson brand
- Virtually unbreakable
- Inbuilt step treads
- Easily cut to suit tandem applications
- Corrosion and rust-proof



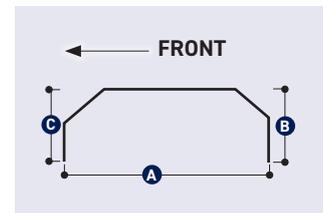
PART NO	TYRE SIZE	A	B	C	WIDTH	FINISH
TE11MGSP12S	10" - 12"	570mm	520mm	240mm	190mm	Silver
TE11MGSP13S	13" - 14"	670mm	570mm	300mm	220mm	Silver
TE11MGSP14S	14" - 15"	770mm	660mm	340mm	240mm	Silver

PRESS-FORMED GUARDS



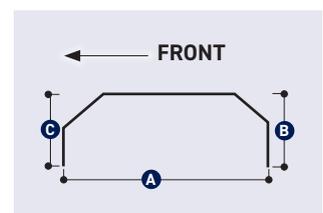
PART NO	TYRE SIZE	THICKNESS	A	B	C	WIDTH	FINISH
TE11MGT2	13" - 14"	2.0mm	1580mm	380mm	320mm	215mm	Zintec

HEAVY DUTY - 3MM THICK



PART NO	TYRE SIZE	THICKNESS	A	B	C	WIDTH	FINISH
TE11MGTHD	13" - 14"	3mm	1580mm	380mm	325mm	230mm	Zintec

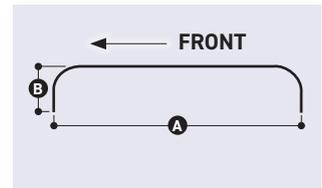
ALUMINIUM PROPELLER PLATES



PART NO	TYRE SIZE	THICKNESS	A	B	C	WIDTH	FINISH
TE11MGT20*	13" - 14"	3mm	1500mm	360mm	360mm	230mm	Aluminium

*To order only

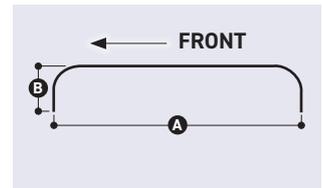
ROLL-FORMED ROUND GUARDS



PART NO	TYRE SIZE	THICKNESS	A	B	WIDTH	FINISH
TE11MGT6*	8" Jetski 18.5 x 8.5 x 8	1.6mm	1100mm	270mm	215mm	Galvanised
TE11MGT13*	13" 195-50	1.6mm	1440mm	400mm	250mm	Galvanised
TE11MGT5*	13" - 14"	1.6mm	1500mm	400mm	230mm	Galvanised
TE11MGT7*	13" - 14"	1.6mm	1500mm	400mm	280mm	Galvanised
TE11MGT15*	15"	1.6mm	1600mm	400mm	250mm	Galvanised

*To order only

ALUMINIUM PROPELLER PLATE



PART NO	TYRE SIZE	THICKNESS	A	B	WIDTH	FINISH
TE11MGT21*	13" - 14"	3mm	1500mm	360mm	230mm	Aluminium

*To order only

UTE MUDGUARDS

Made from tough and durable polyethylene. Ideal for utilities and flat-deck trailers. Easy to fit.

TE11MFUTES SMALL

420mm high x 270mm wide

TE11MFUTEL LARGE

510mm high x 300mm wide



CM Trailer Parts offers a comprehensive range of single and tandem axle trailer kits to suit a wide range of applications. These are our standard trailer kits.

For further information, please contact our customer service team.

SINGLE AXLE KITS

TEKS750

Single Axle Kit 750kg Non Braked

Includes: Lever Coupling, Safety Chain, 1500kg Hub & Stub set, 750kg Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit

TEKS1000

Single Axle Kit 1000kg Non Braked

Includes: Lever Coupling, Safety Chain, 1500kg Hub & Stub set, 1000kg Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit

TEKS1250

Single Axle Kit 1250kg Non Braked

Consisting of: Lever Coupling, Safety Chain, 1500kg Hub & Stub set, 1250kg Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit

TEKS1500

Single Axle Kit 1500kg Non Braked

Consisting of: Lever Coupling, Safety Chain, 1500kg Hub & Stub set, 1500kg Springs, UBolt kit, 14" Wheels and tyres, Mudguards, LED Tail Light Kit

TEKS1750

Single Axle Kit 1750kg Non Braked

Includes: Lever Coupling, Safety Chain, 1750kg Hub & Stub set, 1750kg Springs, UBolt kit, 14" Wheels and tyres, Mudguards, LED Tail Light Kit



TEKS1500HB-14

Single Axle Kit 1500kg Disc Braked

Includes: Override Coupling, Jockey Wheel, Safety Chain, 1500kg Disc Brakes, Hose Kit, Bundy Tubing, 1500kg Springs, UBolt kit, 14" Wheels & tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKS1500EB-14

Single Axle Kit 1500kg Electric Braked

Includes: Lever Coupling, Jockey Wheel, Safety Chain, Brake Controller, 1500kg Electric Drum Brakes, 1500kg Springs, UBolt kit, 14" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKJETSKI

Single Axle Jet Ski

Includes: Lever coupling, 1000kg Hub & Stub set, 18.5x8.5x8" Jet Ski wheel and tyre

TEKATV

Single Axle Agricultural ATV

Includes: Press steel coupling, 1000kg Hub & Stub set, 22x11x8" ATV flotation wheel and tyre

TEKATV2

Single Axle Agricultural ATV

Includes: Cast Lever coupling, 1000kg Hub & Stub set, 22x11x8" ATV flotation wheel and tyre

TEKATV3

Single Axle Agricultural ATV

Includes: Fabricated Steel coupling, 1000kg Hub & Stub set, 22x11x8" ATV flotation wheel and tyre

TANDEM AXLE KITS



TEKT1500 Tandem Axle Kit 1500kg Non Braked

Includes: Lever Coupling, Jockey Wheel, Safety Chain, 1500kg Hub & Stub sets, 1500kg Rocker Equaliser Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKT2000 Tandem Axle Kit 2000kg Non Braked

Includes: Lever Coupling, Jockey Wheel, Safety Chain, 1500kg Hub & Stub sets, 2000kg Rocker Equaliser Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKT2000HB Tandem Axle Kit 2000kg Hydraulic Disc Braked

Includes: Override Coupling, Jockey Wheel, Safety Chain, 1500kg Disc Brakes, 1500kg Hub & Stub set, Hose Kit, Bundy Tubing, 2000kg Rocker Equaliser Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKT2000EB Tandem Axle Kit 2000kg Electric Drum Braked

Includes: Lever Coupling, Jockey Wheel, Safety Chain, Brake Controller, 1500kg Electric Drum Brakes, 1500kg Hub & Stub set, 2000kg Rocker Equaliser Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKT2500HB Tandem Axle Kit 2500kg Hydraulic Disc Braked

Includes: Override Coupling, Jockey Wheel, Safety Chain, 1500kg Disc Brakes, 1500kg Hub & Stub set, Hose Kit, Bundy Tubing, 2500kg Rocker Equaliser Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKT2500HB-14 Tandem Axle Kit 2500kg Hydraulic Disc Braked

Includes: Override Coupling, Jockey Wheel, Safety Chain, 1500kg Disc Brakes, 1500kg Hub & Stub set, Hose Kit, Bundy Tubing, 2500kg Rocker Equaliser Springs, UBolt kit, 14" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKT2500EB Tandem Axle Kit 2500kg Electric Drum Braked

Includes: Lever Coupling, Jockey Wheel, Safety Chain, Brake Controller, 1500kg Electric Drum Brakes, 1500kg Hub & Stub set, 2500kg Rocker Equaliser Springs, UBolt kit, 13" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

TEKT2500EB-14 Tandem Axle Kit 2500kg Electric Drum Braked

Includes: Lever Coupling, Jockey Wheel, Safety Chain, Brake Controller, 1500kg Electric Drum Brakes, 1500kg Hub & Stub set, 2500kg Rocker Equaliser Springs, UBolt kit, 14" Wheels and tyres, Mudguards, LED Tail Light Kit, Marker Lamps

HYDRAULIC TIPPING KITS

CM hydraulic tipping hoists are supplied with high quality motor, pump and hoist, available in three ram stroke lengths to suit a wide variety of trailer deck lengths.

The ram design incorporates a centre trunnion which requires less structural engineering work and delivers improved lift capability. Weld or bolt-on spherical cylinder cap.

PLEASE CONTACT OUR SALES TEAM FOR TECHNICAL SUPPORT AND DESIGN CALCULATOR SPREADSHEETS



KIT INCLUDES:

- 12v DC electric power pack
- 3mtr pendant remote controller
- Thermal overload
- 10-litre oil tank
- Single acting centre trunnion ram
- Power up – gravity down
- Flow control valve to govern lowering speed
- Hose and fittings
- Hose burst safety shut-off valve
- Hinges
- Deckpads
- Battery cables



PART NO	STROKE LENGTH (MM)	STAGES	THERMAL OVERLOAD	MANUAL LOWERING VALVE
TE10HK6	800	4	Yes	Yes
TE10HK7	1000	6	Yes	Yes
TE10HK8	1250	6	Yes	Yes

HYDRAULIC POWER PACKS & PARTS

KIT INCLUDES:

- 12v DC electric power pack
- 3mtr Pendant remote controller
- Optional thermal overload
- Flow control valve
- 10 litre oil tank



PART NO	THERMAL OVERLOAD	SAFETY LOWERING VALVE
TE1910PPGOLD	Yes	Yes

WIRELESS REMOTE CONTROL KIT 12V

TE10RCA2B

Remote control and receiver set.

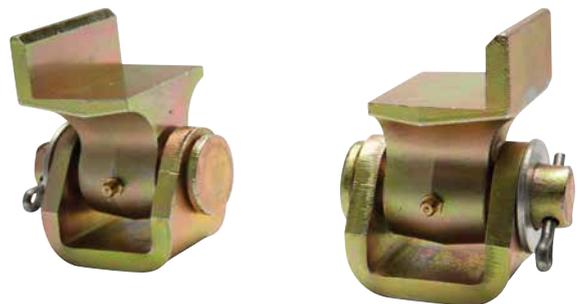
Can be fitted from new or retrofitted later.



REAR DECK HINGE - WELD ON

TE1910DH

One pair left & right hand.

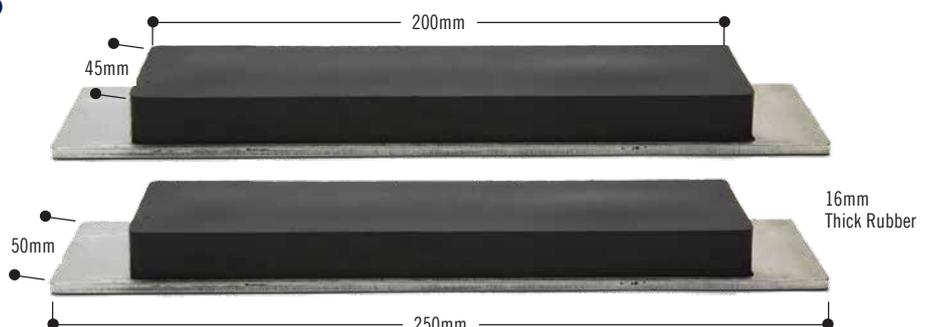


TIPPER DECK PADS

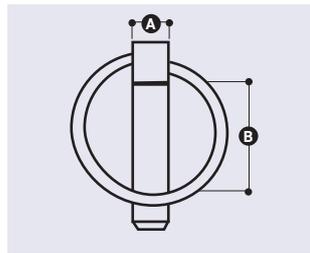
TE1910RDP

Solid rubber deck pads with mild steel backing for welding direct to chassis.

Sold as one pair.

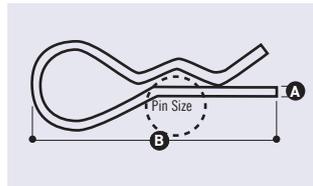


LINCH PINS



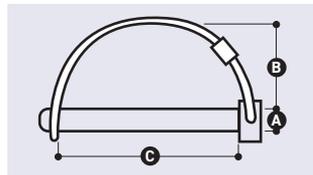
PART NO	PIN SIZE	A	B	BLISTER PACK (QUANTITY = 2)
TE12AG49	4.5mm		33mm	
TE12AG1	6mm		35mm	TE12AG1P
TE12AG2	8mm		37mm	TE12AG2P
TE12AG4	9.5mm		43mm	TE12AG4P
TE12AG3	11mm		36mm	TE12AG3P
TE12AG3J	11mm		60mm	

GRIP CLIPS



PART NO	A	PIN SIZE	B	BLISTER PACK (QUANTITY = 2)
TE12AG5	2mm	6-11mm	35mm	TE12AG52P
TE12AG5.5	2.5mm	8-12mm	50mm	
TE12AG6	3mm	10-18mm	67mm	TE12AG62P
TE12AG7	4mm	12-22mm	76mm	TE12AG72P
TE12AG8	5mm	16-27mm	110mm	TE12AG82P
TE12AG9	6mm	19-32mm	130mm	TE12AG92P
TE12AG10	7mm	25-38mm	160mm	

SHAFT LOCKING PINS



PART NO	A	B	C	BLISTER PACK (QUANTITY = 1)
TE12P271	6mm	49mm	55mm	TE12P271P
TE12P266	8mm	36mm	55mm	TE12P266P
TE12P273	9.5mm	36mm	60mm	TE12P273P
TE12P272	11mm	59mm	90mm	

D SHACKLES (GALV)

Measured by pin diameter



PART NO	PIN DIAMETER	BLISTER PACK (QUANTITY = 2)
TE12AG40	4.5mm	TE12AG40P
TE12AG41	6mm	TE12AG41P
TE12AG42	8mm	TE12AG42P
TE12AG43	9.5mm	TE12AG43P
TE12AG44	12mm	
TE12AG45	16mm	
TE12AG46	19mm	
TE12AG47	22mm	

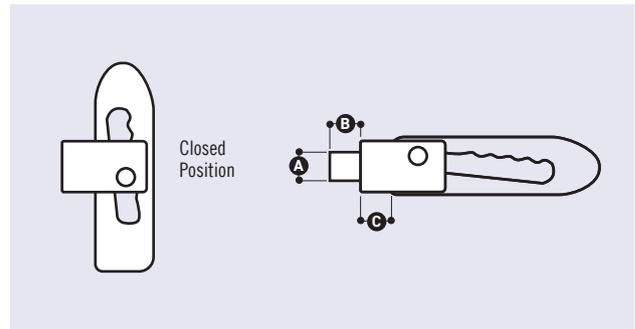
WIRE ROPE CLAMPS



PART NO	ROPE SIZE
TE12AG51	4.5mm
TE12AG52	6mm
TE12AG53	8mm
TE12AG54	9.5mm
TE12AG55	11mm

ANTI-LUCE FASTENERS

PART NO	A	B	C
TE12F3274	8mm	10mm	6mm
TE12F3285	M8	21mm	6mm
TE12F3284	M8	38mm	6mm
TE12F3232	12mm	13mm	6mm
TE12F3275-P	12mm	54mm	6mm
TE12F3275-1	M12	25mm	6mm
TE12F3275-5	M12	54mm	6mm
TE12F3275-3	M12	75mm	6mm



TE12F3274



TE12F3275-P



TE12F3290-1



TE12F3285



TE12F3275-1



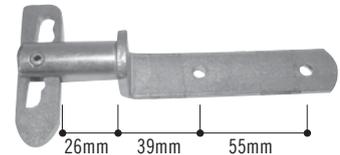
TE12F3284
STAINLESS STEEL



TE12F3275-5



TE12F3290-2
(Sold per pair) Angled Offset



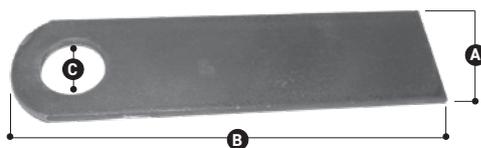
TE12F3232



TE12F3275-3



EYE PLATES



PART NO	A	B	C
TE12F3320	40mm	75mm	22mm
TE12F3321	40mm	150mm	22mm

WELD-ON TAILGATE LATCH SET

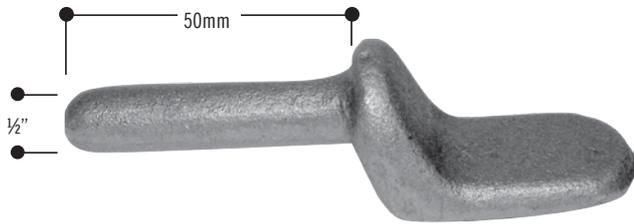
TE12F3360

Handle is zinc plated.



WELD-ON GUDGEONS

TE12H3314
1/2"



TE12H3312
12mm



TE12H3316
16mm



BOLT-ON GUDGEON 12MM

TE12H3313

Zinc-plated finish.



WELD-ON LIFT-OFF HINGE

Anti-seize design. Grease nipple*.
Brass pin and washer*.

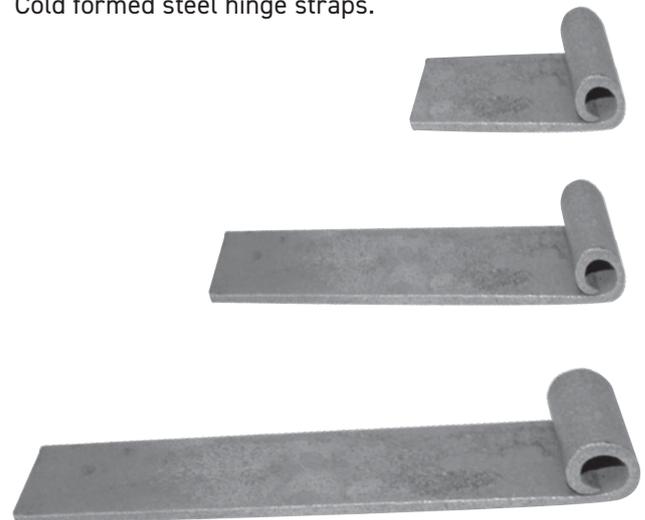


*Only available on TE12H095 & TE12H097

PART NO	OVERALL LENGTH	PIN DIAMETER	MATERIAL
TE12H093	60mm	6mm	Steel
TE12H096	80mm	8mm	Aluminium
TE12H095	100mm	10mm	Steel
TE12H097	100mm	10mm	Aluminium

TAILBOARD HINGE STRAP

Cold formed steel hinge straps.



PART NO	PIN DIA.	LENGTH	WIDTH	THICK
TE12H3317-03	12mm	75mm	40mm	5mm
TE12H3317-08	12mm	200mm	40mm	5mm
TE12H3317-12	12mm	305mm	40mm	5mm
TE12H3318-03	16mm	75mm	50mm	6mm
TE12H3318-12	16mm	305mm	50mm	6mm
TE12H3318-18	16mm	457mm	50mm	6mm

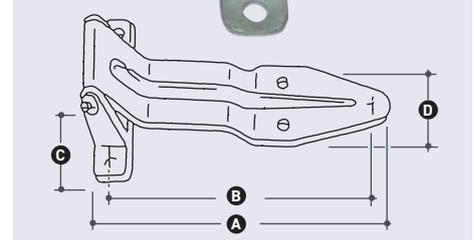
REAR DOOR / CONTAINER HINGES



TE12H100-45



TE12H069



PART NO	A	B	C	D
TE12H069*	215mm	180mm	45mm	68mm
TE12H100-45*	310mm	280mm	37mm	90mm

*To order only

HEAVY DUTY DOOR HINGE

TE12H091*

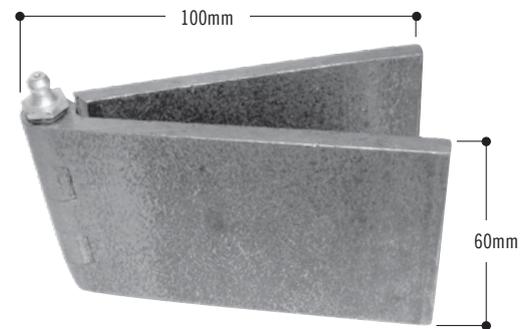
Heavy duty door hinge.

A heavy door hinge meets DIN TE71412.

Opens to 250°.

6mm hardened steel pin with grease nipple fitted.

Made from bright 6mm steel with polished interlinks.



*To order only

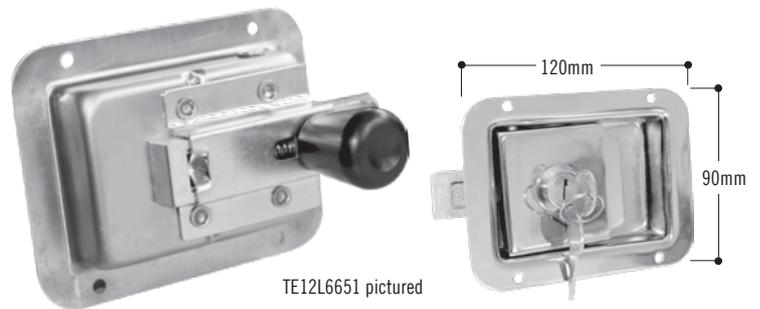
RECESSED FLUSH LOCK

TE12L6651 STAINLESS STEEL

Available in Stainless Steel grade 316, bright polished or mild steel with a black painted finish.

Includes removable interior knob.

Locking type, keyed alike. Supplied with gasket.



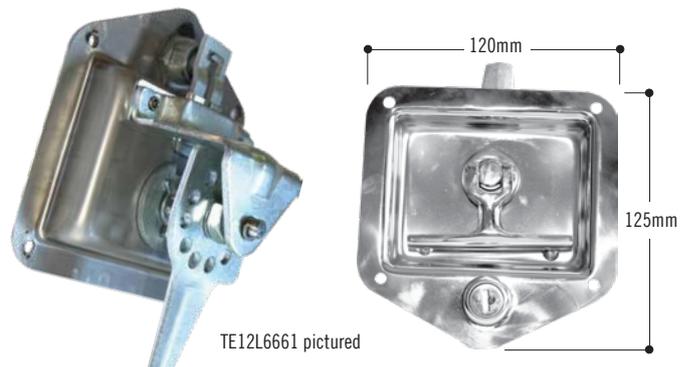
TE12L6651 pictured

"DROP-T" FLUSH LOCK

TE12L6661 FRONT FIXING (pictured)

The dish is Stainless Steel grade 316, bright polished. T-Handle is die cast and chrome plated. The Drop-T provides a very rugged, fully flush fitting lock system.

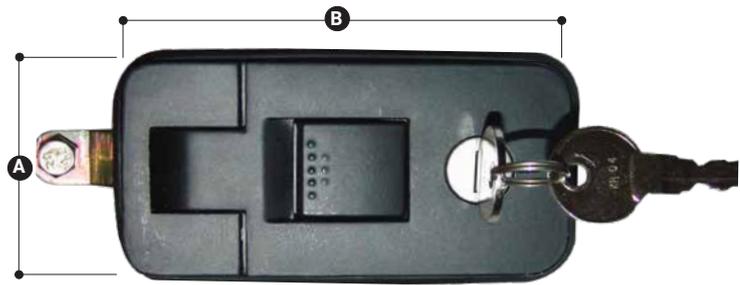
Locking type, keyed alike. Incorporates rod lock mechanism.



TE12L6661 pictured

DOOR COMPRESSION FLUSH LOCK

- Locking type
- Keyed alike
- Dust seal
- Adjustable screw
- Available in Black or Chrome Plated
- 2 sizes available



PART NO	A	B	FINISH
TE12L2400B	35mm	80mm	Black - Satin
TE12L2400C	35mm	80mm	Chrome Plated
TE12L2420B	50mm	104mm	Black - Satin
TE12L2420C	50mm	104mm	Chrome Plated

PLASTIC MOULDED HANDLE

TE12M60

A clever design, moulded in black polypropylene with integral snap-shut sections to conceal fixing holes. Under proof test conditions these handles withstood loads of over 250kg before serious deformation.



RUBBER DOOR HOLDERS

TE12F666 TE12F666P (BLISTER PACK)

This simple rubber door holder is positive in operation and combines the function of door buffer and door holder. The female part is moulded in black rubber with a plated steel disc bonded into the base.

The male part is moulded in black polypropylene suitable for all temperatures to -32°C.

Female = 40mm dia. x 32mm long. Male = 25mm dia. x 28mm long.



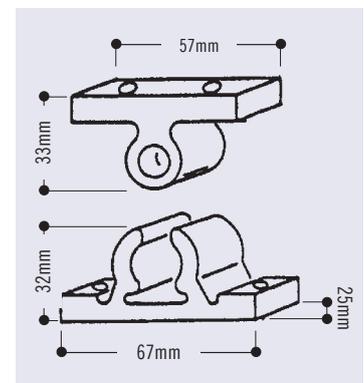
NYLON DOOR HOLDERS

TE12F555 TE12F555P (BLISTER PACK)

All nylon, adjustable door retainer.

Adjustment of the screw to increase or decrease the holding pressure, this retainer will hold the heaviest of doors.

Made from a special nylon machine tested through a million plus closures without wear or damage.



PLASTIC WOF HOLDER

TE12WOF105-10 (10 PACK) TE12WOF (BLISTER PACK)



PLASTIC REGISTRAION HOLDER

TE12WOR-10 (10 PACK) TE12WORP (BLISTER PACK)



SPRING BOLTS

CM stock a comprehensive range of Spring Bolts, used to hold small drawers shut through to the jumbo 19mm used on cattle yard gates, heavy transport applications etc. Low profile, suitable for fixing to timber, aluminium or steel.

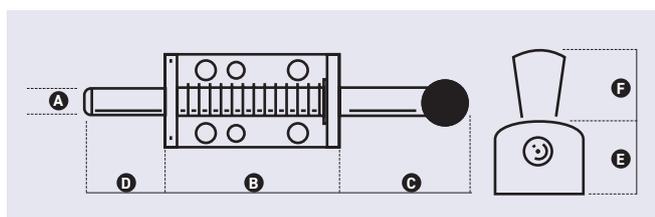
TE12F871 - 19mm



TE12F835 - 9.5mm



TE12F837 - 12mm



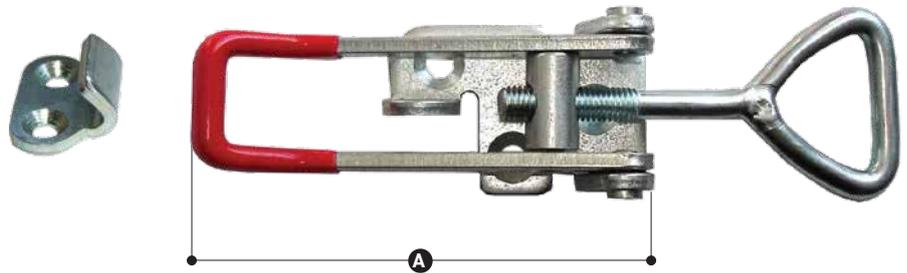
PART NO	A	B	C	D	E	F	MATERIAL	ZINC PLT.
TE12F835	9.5mm	62mm	41mm	27mm	23mm	43mm	Mild steel	YES
TE12F837	12mm	75mm	42mm	35mm	35mm	22mm	Mild steel	YES
TE12F840S	12mm	72mm	40mm	40mm	33mm	27mm	Stainless	NO
TE12F841	12mm	114mm	26mm	77mm	36mm	62mm	Mild steel	YES
TE12F863	16mm	101mm	40mm	47mm	42mm	60mm	Mild steel	YES
TE12F871	19mm	127mm	29mm	95mm	55mm	72mm	Mild steel	YES

SOLID STEEL OVER CENTRE CATCH

Lockable.

Supplied with striker plate. Lockable.

Supplied with striker plate.



PART NO	A	FINISH	BLISTER PACK (QUANTITY = 1)
TE12L9110	55mm	Zinc Plated Steel	TE12L9110P
TE12L9115	70mm	Zinc Plated Steel	TE12L9115P
TE12L9120	100mm	Zinc Plated Steel	TE12L9120P
TE12L9120S	100mm	Stainless Steel	TE12L9120SP

HEAVY DUTY OVER CENTRE CATCH

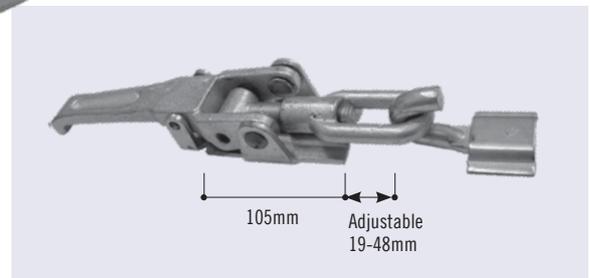
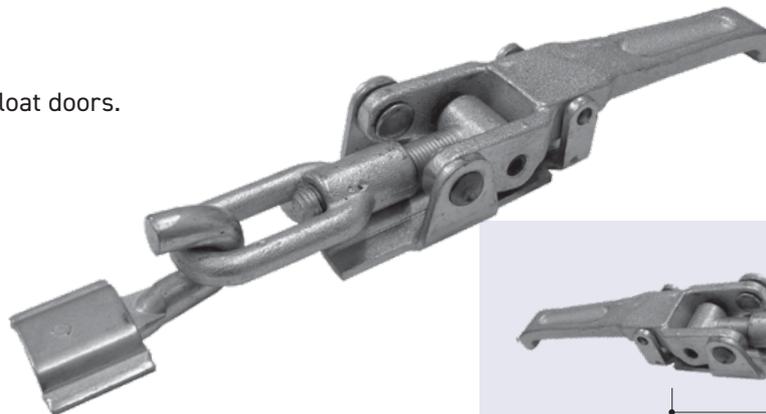
TE12L9162

Ideal for use on horse float doors.

Adjustable.

Zinc electroplated.

Weld on.



RUBBER BONNET CATCHES

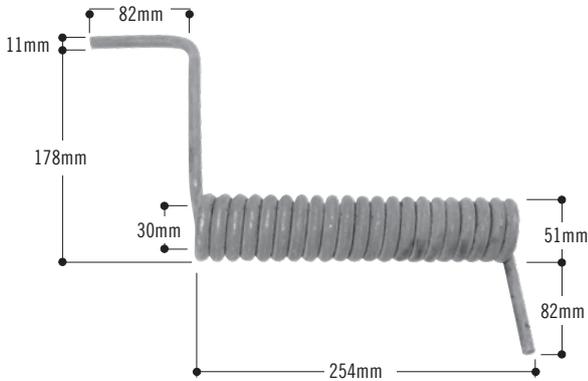
PART NO	OVERALL LENGTH	BLISTER PACK PART NO	QTY PER PACK
TE12S11068	65mm	TE12S11068P	1
TE12S8385	130mm	TE12S8385P	1



TAIL DOOR SKIP SPRINGS

TE12S01

The spring rate is 3060 lb/inch and a work load of 110lbs is required to move the leg through 90°.

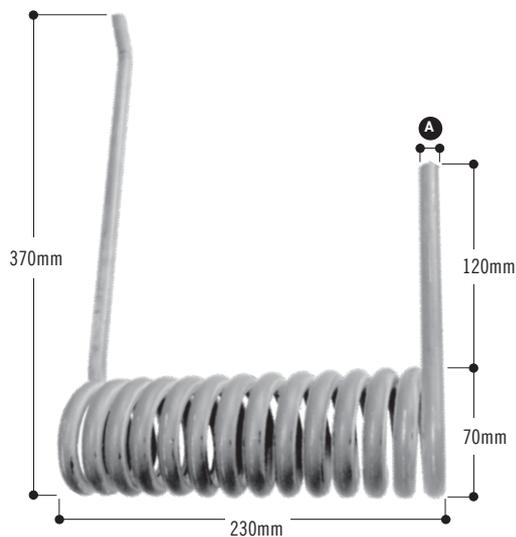


TE12S03LZ/RZ

This skip spring is 12mm in diameter.

It is suitable for horse float doors.

Available left and right handed (Left hand pictured).



PART NO	LEFT/RIGHT	DIAMETER A	FINISH
TE12S03LZ	Left (Pictured)	12mm	Zinc
TE12S03RZ	Right	12mm	Zinc

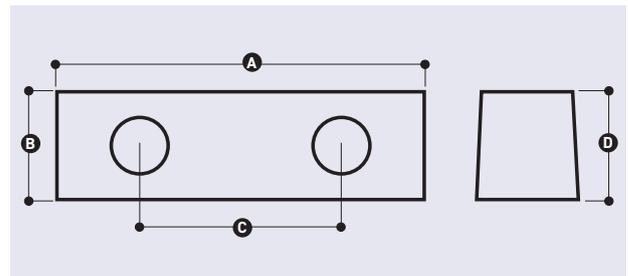
RUBBER BUFFERS



TE12R2500



TE12R2503



PART NO	A	B	C	D
TE12R2500	125mm	41mm	65mm	42mm
TE12R2503	200mm	52mm	103mm	51mm

HORSE FLOAT TAIL DOOR SPRING

TE12S02

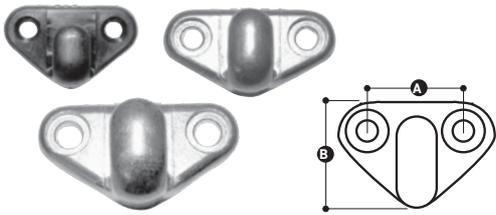
Ideal spring for horsefloat tail doors.

Wire diameter 6.35mm.

Overall length 690mm x 45mm dia.



ROPE HOOKS



PART NO	MATERIAL	ROPE SIZE	A	B	BLISTER PACK (QUANTITY = 5)
TE12FHM0X	Black Plastic	6.5mm max	25mm	25mm	TE12FHM0XP
TE12FHM1	Die Cast Alum.	7.5mm max	28mm	22mm	TE12FHM1P
TE12FHM2	Die Cast Alum.	11.5mm max	35mm	27mm	TE12FHM2P

LASHING RINGS

TE12LR02

Recessed lashing ring.

Ideal for plant fitting to wall or floor.

Bolt fixes through the steel support plate.

There is a rubber plug to cushion ring and prevent rattle.

SWL 250kg.



104mm dia.

TE12LR10

Light duty pressed steel backplate.

1.3mm thick with pressed steel ring. SWL 100kg.



89mm (l) x 76mm (w)

HEAVY DUTY RINGS

TE12LR15

Heavy duty mild steel backplate.

Zinc plated.

Pressed steel ring.

SWL 1500kg.



124mm (l) x 115mm (w)

TE12LR05 (ZINC PLATED) TE12LR05-S (STAINLESS STEEL)

Available in zinc plated mild steel and stainless steel.

Anti rattle spring.

SWL 600kg.



102mm (l) x 95mm (w)

ROTARY ROOF VENT

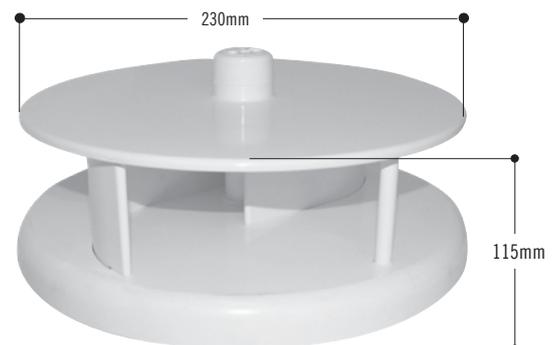
TE12V33184

Rotary exhaust vent.

Made from plastic.

Hole size = 100mm dia.

SPEED KM/H	DISPLACEMENT CFM
15	12
30	44
50	78
65	106
80	140
95	165



SECURITY LOCKS

TE12TCL100



- Fits most lever couplings
- Marine grade stainless steel 316 pin & sleeve
- Anti-corrosion solid brass body
- All brass 5 pin cylinder & keys
- Spare blank keys available
- Blister packed

TE12TCL69

TE12TCL69KA KEYED ALIKE

- Chrome plated finish security lock fits most lever couplings
- Easy to fit
- Hardened pin is difficult to cut
- Rubber cover seals key entry area
- Pin size: 3/8" (diameter) x 69mm (length)
- Blister packed



Lock only



UNIVERSAL COUPLING LOCK

616950

- Guards against theft of caravans & trailers
- Works for most couplings 1 7/8", 50mm & 2"
- Easy to fit
- Advanced locking mechanism for improved security
- Resistant to rust and corrosion



Secures trailer when not attached to vehicle

Secures trailer when attached to vehicle

TRAILER COUPLING LOCK

TE12CPL10

- Standard two position locking system
- Secures trailer when attached to vehicle and when unattached
- Includes padlock

Note: not recommended for use while towing



ATTACHED: LOCKS TO VEHICLE



OR SECURES TRAILER BALL SOCKET



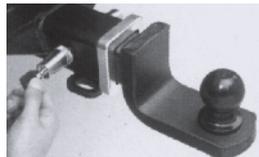
HITCH PIN LOCK

TE12PL16B

Chrome plated finish safety locking mechanism. Prevents towbar hitch from being stolen.



Pin size: $\frac{5}{8}$ " (diameter) x 65mm (length). Blister packed.



HITCH PIN

TE12HP80



UNIVERSAL CLAMP

TE12WL3

Fast and easy to use and fits most 13" to 15" wheels (max width 215mm) this clamp includes a disc covering wheel nuts.

Powder-coated finish and supplied with a brass lock and two keys.



AL-KO EASY CLAMP

TE12WL YELLOW

650300 RED

Anti-theft wheel clamp adjustable to suit 13-15" wheels.

Key operated lock, complete with 2 high security keys.

Fully adjustable for tyres up to 255mm wide. Provides absolute theft protection for anything with wheels; cars, trucks, trailers, motorcycles and more.

Can be fitted in seconds.

The fastest way to ensure your vehicle stays secure



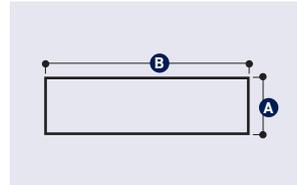
CM Trailer Parts Wheel Clamp

AL-KO Wheel Clamp



FLAT ROLLERS

PART NO	COLOUR	A	B	BORE DIA.
TE16A10	Black	60mm	150mm	17mm
TE16A11	Black	60mm	195mm	16mm
TE16A12	Black	60mm	295mm	21mm
TE16SRD*	Black	60mm	112mm	21.5mm
TE16SRDPC*	Black	60mm	112mm	22mm pipe
TE16SRB*	Black	63mm	225mm	21.5mm
TE16SRBPC*	Black	63mm	225mm	22mm pipe
TE16SRA*	Black	80mm	168mm	21.5mm
TE16LRH*	Black	105mm	100mm	25mm
TE16LRHPC*	Black	105mm	100mm	22mm pipe
TE16LR*	Black	105mm	205mm	25mm
TE16LRPC*	Black	105mm	205mm	22mm pipe



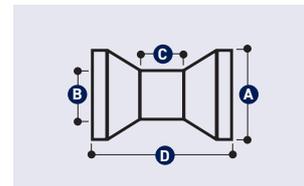
*To order only

KEEL ROLLERS

PART NO	COLOUR	A	B	C	D	BORE DIA.
TE16A01	Black	62mm	37mm	6mm	75mm	17mm
TE16A02	Black	62mm	44mm	56mm	103mm	17mm
TE16A03	Black	78mm	50mm	48mm	112mm	17mm
TE16A04	Black	72mm	50mm	88mm	150mm	17mm
TE16A05	Black	62mm	38mm	63mm	166mm	17mm
TE16A06	Black	69mm	50mm	136mm	200mm	17mm
TE16SCR*	Black	85mm	61mm	42mm	89mm	18.5mm
TE16LCR*	Black	85mm	61mm	108mm	175mm	18.5mm
TE16LCRPC*	Black	85mm	61mm	108mm	175mm	22mm pipe
TE16LLCRPC*	Black	87mm	61mm	200mm	260mm	22mm pipe
TE16CON44*	Black	103mm	72mm	60mm	325mm	22mm pipe



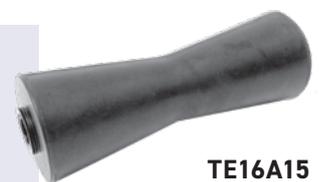
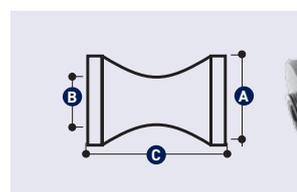
TE16A27
pictured



*To order only

CURVED ROLLERS

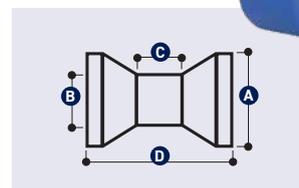
PART NO	COLOUR	A	B	C	BORE DIA.
TE16A15	Black	70mm	46mm	200mm	16mm
TE16A16	Black	90mm	60mm	310mm	21mm



TE16A15
pictured

POLY NYLON KEEL ROLLERS

PART NO	COLOUR	A	B	C	D	BORE DIA.
TE16A25	Blue	55mm	38mm	38mm	100mm	17mm
TE16A26	Blue	58mm	48mm	70mm	152mm	17mm
TE16A27	Black	70mm	44mm	64mm	205mm	21mm



TE16A26
pictured

SELF CENTRE ROLLERS

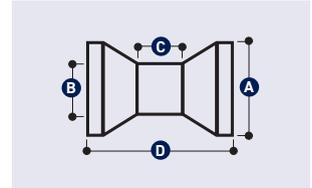
TE16A525



TE16A505

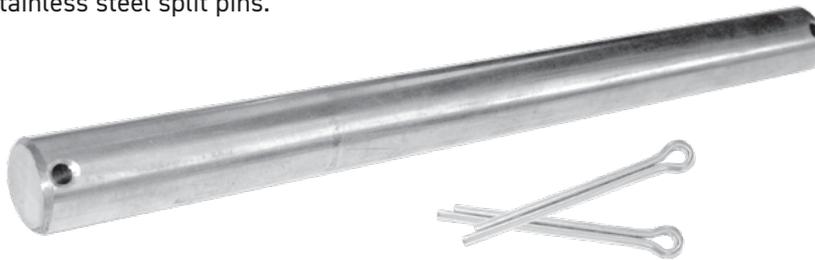


PART NO	COLOUR	A	B	C	D	BORE DIAMETER
TE16A20	Black	70mm	45mm	30mm	155mm	17mm
TE16A21	Black	70mm	50mm	36mm <td 190mm	17mm	
TE16A525	Black	72mm	43mm	48mm	300mm	20mm
TE16A505	Black	72mm	43mm	48mm	380mm inc shaft	15.9mm shaft

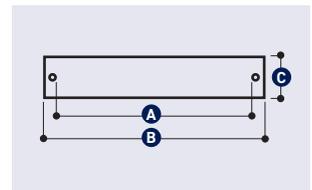


STAINLESS STEEL ROLLER PINS

Supplied with stainless steel split pins.



PART NO	A	B	C	SUITS ROLLER
TE16P16110	98mm	110mm	16mm	TE16A01
TE16P16140	128mm	140mm	16mm	TE16A02 / TE16A25
TE16P16150	138mm	150mm	16mm	TE16A03
TE16P16190	178mm	190mm	16mm	TE16A04 / TE16A10
TE16P16200	188mm	200mm	16mm	TE16A05 / TE16A20 / TE16A26
TE16P16240	228mm	240mm	16mm	TE16A06 / TE16A11 / TE 16A15 / TE16A21
TE16P19240	228mm	240mm	19mm	TE16A27
TE16P19350	336mm	350mm	19mm	TE16A12 / TE16A16 / TE16A525 / TE16CON44



WOBBLY ROLLERS

PART NO	COLOUR OF TYRE/HUB	DIAMETER	WIDTH	BORE DIAMETER
TE16A40B*	Blue/Black	105mm	85mm	24mm
TE16A44	Grey/Blue	128mm	74mm	26mm

*Requires steel spacer TE1916SP to 'pack out' when using on CM Wobble Roller Kits



Smooth: TE16A40B*



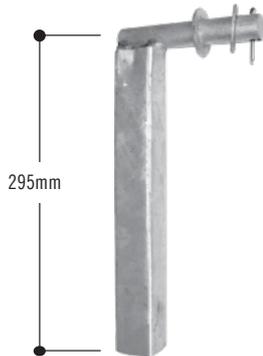
Ribbed: TE16A44

Wobble rollers are used to support the boat on the trailer and can be used with or without keel rollers. Because of their large diameter and width, they offer excellent support and rolling action.

All pivots are offset so that the rollers point down to the keel line, quads also point down to the rear of the trailer. In order to distribute the weight over as large an area as possible plus suit a wide variety of hulls our modular kit sets are available in a variety of combinations of width x length. Rollers are sold separately. Mounting wobble roller brackets to each trailer chassis bracket requires 1 plate and 2 U-bolts.

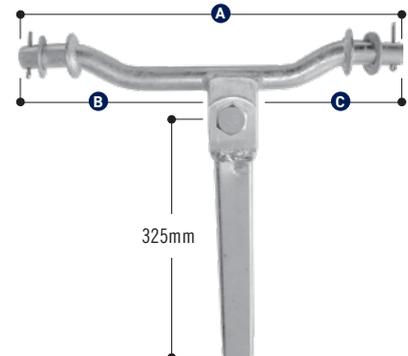
SINGLE

TE16WS



DUAL

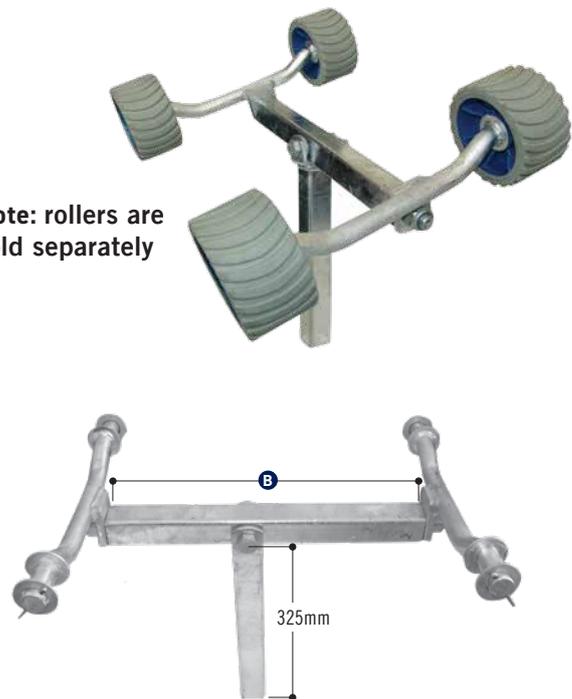
PART NO	A	B	C
TE16WD310	310mm	150mm	100mm
TE16WD410	410mm	200mm	150mm
TE16WD510	510mm	250mm	200mm
TE16WD610	610mm	300mm	250mm



QUAD

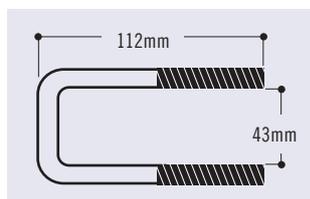
PART NO	A	B
TE16WQ310-300	310mm	300mm
TE16WQ310-400	310mm	400mm
TE16WQ310-500	310mm	500mm
TE16WQ310-600	310mm	600mm
TE16WQ410-300	410mm	300mm
TE16WQ410-400	410mm	400mm
TE16WQ410-500	410mm	500mm
TE16WQ410-600	410mm	600mm
TE16WQ510-300	510mm	300mm
TE16WQ510-400	510mm	400mm
TE16WQ510-500	510mm	500mm
TE16WQ510-600	510mm	600mm
TE16WQ610-300	610mm	300mm
TE16WQ610-400	610mm	400mm
TE16WQ610-500	610mm	500mm
TE16WQ610-600	610mm	600mm

Note: rollers are sold separately



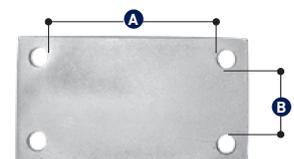
SQUARE U-BOLT

TE16WUB



U-BOLT PLATES

PART NO	A	B
TE16WUP50	50mm	43mm
TE16WUP64	64mm	43mm
TE16WUP89	89mm	43mm
TE16WUP102	102mm	43mm



SNUB BLOCKS

TE16SB

- Standard snub block.
- Bolt centres - 51mm x 130mm.
- Colour - Black.



TE16A31

- Pivot type snub block to take a 10mm shaft.
- Base size - 50mm x 52mm.
- Colour - Black.



TE16SBM

- Pivot type snub block to take a 15mm shaft.
- Base size - 49mm x 64mm.
- Colour - Black.

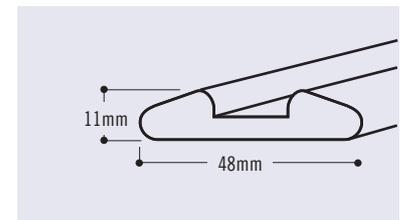


POLY SKID STRIP

BLUE COLOUR PART NO: TE16PSS

BLACK COLOUR PART NO: TE16PSSBLACK

This hard-wearing poly-nylon strip is specially designed for marine boat trailer skids.



- No countersinking required, just drill and screw or rivet in place
- Designed for use on alloy hulls only
- Specially designed for marine boat trailer skids
- Hard-wearing, long lasting poly-nylon
- Available colours: Black or blue



FILLER STRIP
Now supplied with filler strip

All CM 7-pin flat plugs and sockets have the rear of the pins captured in plastic preventing the pins from pushing in. All plugs and sockets also have a cable bridge that clamps the cable securely preventing cable slippage.

7-PIN FLAT PLUG

TE17B4
TE17B4P (Blister pack)



7-PIN FLAT PLUG & SOCKET

New, stronger construction, plus screwed together, which prevents flexing or distortion. The shroud on the plug helps protect the pins from damage.

QUALITY PRODUCT, STURDY CONSTRUCTION AND COMPETITIVELY PRICED

7-PIN FLAT SOCKET

TE17B5
TE17B5P (Blister pack)



TE17B4SC
PLUG



TE17B5SC
SOCKET



FLAT PLUG HOLDER

TE17B4PH

Plastic plug holder for 7-pin flat plugs.

Drilled two ways and can be mounted horizontally or vertically.

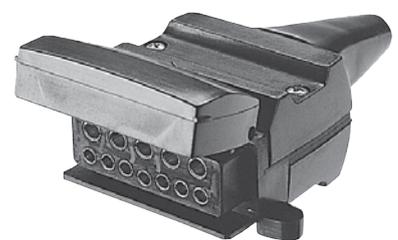


12-PIN FLAT PLASTIC PLUG & FLAT PLASTIC SOCKET

TE17B47
 12-pin flat plastic male plug.



TE17B48
 12-pin flat plastic female socket.



ROUND PLUGS & SOCKETS

TE17B7P

7-PIN ROUND PLASTIC PLUG



TE17B7M

7-PIN ROUND METAL PLUG



TE17B8P

7-PIN ROUND PLASTIC SOCKET



TE17B8M

7-PIN ROUND METAL SOCKET



7-WAY AMERICAN RV PLUG & SOCKET

**TE17B12706
PLUG**



**TE17B12707
SOCKET**



HIRE INDUSTRY LEADS

Flat to flat and flat to round wiring leads are popular within the hire industry.

PART NO	END 1	END 2	LENGTH
TE17B4-1.0M	7 pin B4 flat plug	7 pin B4 flat plug	1 metre
TE17B4-1.5M	7 pin B4 flat plug	7 pin B4 flat plug	1.5 metre
TE17B4B7-1.0M	7 pin B4 flat plug	7 pin B7 round plug	1 metre
TE17B4B7-1.5M	7 pin B4 flat plug	7 pin B7 round plug	1.5 metre



TE17B4B7-1.5M

TE17B4-1.5M

LED ECU WIRING HARNESS

TE17AH17

The inline Harness eliminates pulse interference commonly found on modern European vehicle electrics, which interfere with LED lighting on trailers.

Simply install between the trailer connector and vehicle wiring.



JUNCTION BOX

TE17JB1

100mm(l) x 75m(w) x 35(h).

8 way weather-proof junction box.

Constructed of electrically insulated rubber with transparent cover for easy inspection.

4 cable entry points – can be cut to size to suit various cable diameters.



AUTOMOTIVE CABLE

TE17C1-3

1 CORE

100m roll. 10 amp.



TE17C2S

2 CORE

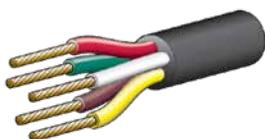
30m roll. 15 amp.



TE17C5-50 50M ROLL TE17C5-100 100M ROLL

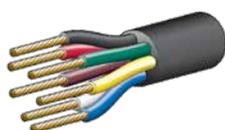
5 CORE

1 @ 1.0mm² (earth),
4 @ 0.50mm²,
sold per metre.



TE17C7 1M ROLL 7 CORE

10 amp x 1.13mm.



CABLE CLIPS

TE17C10

BLACK X100 PER PACK

Inside diameter: 7.2mm.
Rivet hole: 4.0mm.



LED LIGHTING KITS

BL150LK

The BL150 series lights are a low profile, square design with an integrated reflector in the centre.

The BL150LK lighting kit comes with a BL1501 and a BL1502 with 9m leads, a 7-pin plug and a plug holder.

The BL1502 light has an integrated number plate light which means less wiring required as no extra number plate light is needed.



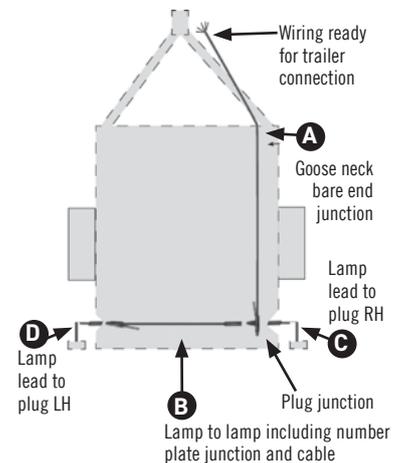
LED PLUG & GO LIGHTING KIT

New Trailerkit™ series feature a quick fitting plug and go wiring system that eliminates the need for joining or soldering, saving time and consumables.

It has a right hand lamp with number plate lamp. 10-30 volt.



KIT	A	B	C	D	NUMBER PLATE LIGHT
BL14LEDVKIT4	7.1m	1.7m	0.5m	0.5m	Yes



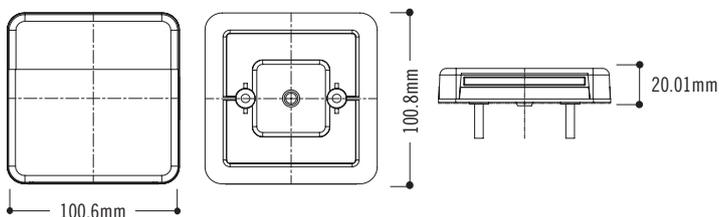
MULTI-VOLT SUBMERSIBLE LED COMBINATION TAIL LAMP

LED trailer lamps with low profile body makes these lamps an ideal fit for many OE and retro-fit applications, simple and quick 2 bolt mounting design.

BL1501

Stop, Tail, Indicator, Reflex Reflector, Number Plate option.

- Multi-volt 10-30V DC
- High-impact tough polycarbonate lens
- IP67 waterproof rating
- Complies with ADR



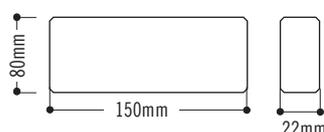
PART NO	CABLE LENGTH	NUMBER PLATE LIGHT
BL1501	500mm	No
BL1502	500mm	Yes

BL160

- High impact polycarbonate lens
- Multi volt 10-32V Varivolt™
- Current @ 12V DC Stop: 2W; Tail: 0.5W Indicator: 2W
- IP67 hermetic sealing
- 150mm x 80mm x 22mm
- Complies with ADR



LED Stop, Tail, Indicator with integrated reflector, featuring 16 high reliability LEDs the advanced optics provide Full Form Signal Illumination for increased safety and awareness.



BL150P

TWIN PACK

Blister pack contains:

- 1 x BL1501 Left hand tail lamp.
- 1 x BL1502 Right hand with number plate lamp.



BL160P

TWIN PACK

Blister pack contains:

- 1 x Left hand tail lamp.
- 1 x Right hand with number plate lamp.



BL370 SERIES TAIL LAMPS

BL370

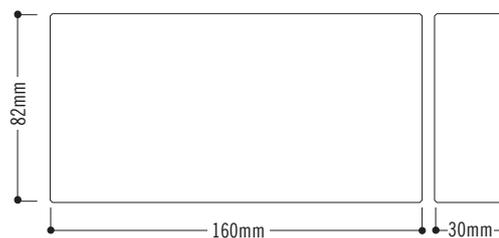
TOP SELLER

- Compact Size - 160L x 82W x 30H (mm)
- High impact resistant polycarbonate lens
- Built-in reflex reflector
- Multi volt 10-30v
- E-mark (E4) certified
- Stainless steel fasteners
- 9m core cables or 400mm tails
- Twin number plate lamp orientation on right hand lamp
- IP67 waterproof rating

CM's 370 Series LED lamps are designed to be an easy-to-fit trailer lighting solution that can be fitted in a range of orientations.

Box trailers need lamps to fit in a horizontal orientation and shine the number plate light across the trailer, from the narrow side of the lamp, while boat trailers need a number plate lamp that shines out of the wide side of the lamp downwards. In a design solution, these lamps have number plate lamps fitted to one short and one long side of the right hand lamp, with the installer simply connecting whichever of the tow number plate function wires that suits their application best.

The fact that they look good, have cable length options, are submersible, and E-marked, makes them a first choice for many trailer builders.



BL370 series Lamps incorporate an E approved in-built reflex reflector. E mark compliance is also marked on the tough, high impact resistant polycarbonate lens.



In a design solution, these lamps have number plate lamps fitted to one short and one long side of the right hand lamp.

PART NO	CABLE LENGTH	NUMBER PLATE LIGHT
BL3702	400 mm	No
BL37029	9 metre	No
BL3703NP	400 mm	1 x short side & 1 x long side
BL3703NP9	9 metre	1 x short side & 1 x long side

LED LIGHTING KIT

BL370LK

BL370NPH

The lights in this kit are prewired with 9 metres of cable and includes:

- 1 x left hand BL37029 and
- 1 x BL3703NP9 right hand tail lamp
- Twin number plate lamp orientation on right hand lamp
- 7-pin flat plug and plug holder

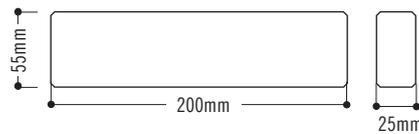


SLIMLINE LED COMBINATION TAIL LAMPS

BL170P

- Functions: Stop/Tail/Indicator
- High Impact polycarbonate lens
- Multivolt 10-30v DC
- Twin Blister Pack
- E-Mark approved
- IP67 waterproof rating

These lamps feature a robust slimline design that can be mounted in areas where space is limited. Designed for trailers, utilities, commercial and industrial applications.

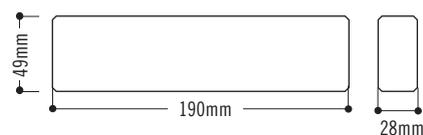


BL190

- Slim line design – multifunction
- Dimensions: 191mm x 49mm x 28mm height
- Fully ADR-compliant
- Twin Blister Pack
- Functions: Stop/Tail/Indicator/Reflector
- Voltage: 10-30v DC Varivolt™
- Surface mount or screw on
- Tough polycarbonate lenses
- IP67 waterproof rating

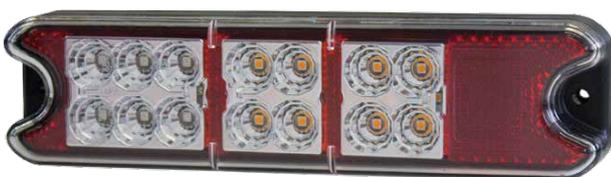
With a smart slimline design, the BL190 series are robust multifunction lamps that can be mounted in areas where space is limited. The lamps use Varivolt® 10-30V circuit technology and incorporate stop, tail, indicator, reflector with a model incorporating reverse.

The high output SMD LED technology together with the smart optic design enables these lamps to comply with all the above functions with their slimline dimensions. Excellent for trailers, utilities and commercial, industrial applications.



PART NO	CABLE LENGTH	REVERSE
BL190R	300mm	Yes

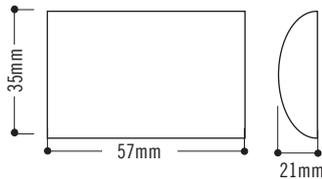
Supplied in twin packs



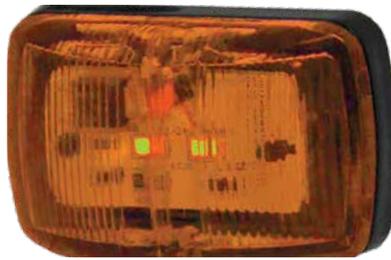
LOW PROFILE MULTI-VOLT SUBMERSIBLE LED LAMPS

This series of LED markers are compact and low profile. Designed for reliability and performance this range of markers provides ADR-compliant solutions. Slimline smart clip mounting the clip base is virtually invisible when the lamp is installed. To comply with NZS regulations all trailers over 2000mm wide must be fitted with marker lamps.

- Low profile, surface mounted
- Polycarbonate lens
- ABS base
- 9-33 Volt
- Fully ADR-compliant
- IP67 rating
- 57 x 35 x 21mm



BL62A



BL62RA



BL62R



BL62W



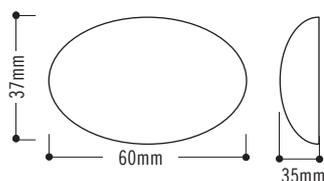
PART NO	COLOUR	CABLE LENGTH
BL62A	Amber	500 mm
BL62A-6	Amber	6 metres
BL62RA	Amber - Red	500 mm
BL62R	Red	500 mm
BL62W	White	500 mm

MULTI-VOLT LED SUBMERSIBLE MARKER LAMPS

To comply with NZS regulations all trailers over 2000mm wide must be fitted with marker lamps.

- High impact polycarbonate lens
- Multi-Volt 10-30v DC
- Submersible, with stainless steel fasteners
- 60 x 37 x 35mm height
- Not suitable for COF vehicles
- IP67 waterproof rating

PART NO	COLOUR	CABLE LENGTH
BLHY50AM	Amber	400 mm
BLHY50AM-6	Amber	6 metres
BLHY50ARM	Amber - Red	400 mm
BLHY50WM	White	400 mm



LED TRAILER LIGHTING BOARDS

TE17TRB15F 1.5 METRE WIDE TE17TRB185F

- Multi-volt 10-30v DC trailer lighting boards with 8 metre cable and 7-pin flat plug
- Complies with ADR 6/00, 47/00, 48/00 and 49/00



MULTI-VOLT LED NUMBER PLATE LAMPS

- Multi Volt 10-30v DC
- Submersible
- High impact Polycarbonate lens
- Stainless Steel fasteners 90 x 20 x 32 mm high
- Complies with ADR
- Current Draw @ 13.8v – 0.02 amps



Available with
9 metre cable



PART NO	CABLE LENGTH	BLISTER PACK
BL300M	400 mm	Yes
BL300M9	9 metre	Yes

SELF-ADHESIVE REFLECTORS

TE17TR101RSA

Self adhesive red reflector.

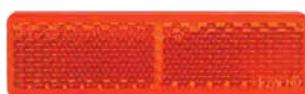
94mm x 44mm.

ADR47/00.

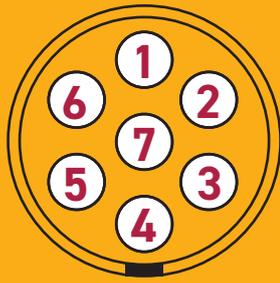
Self adhesive reflector, available in amber, red and white.

70mm x 30mm. ADR 47/00.

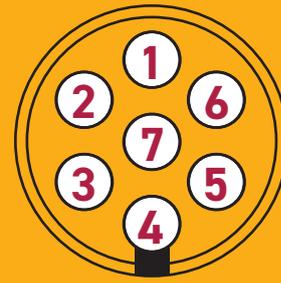
PART NO	NO IN PACK	COLOUR
BLREFR	Single	Red
BLREF2R	2	Red



TO NZ STANDARD



7-PIN PLUG - ROUND



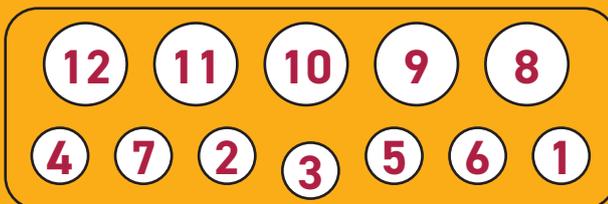
7-PIN SOCKET - ROUND



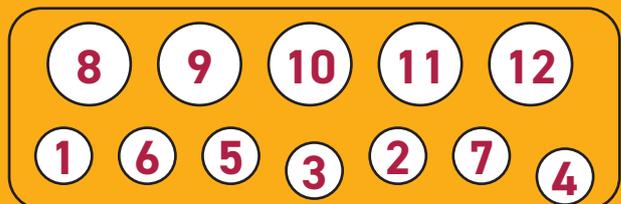
7-PIN PLUG - FLAT



7-PIN SOCKET - FLAT



12-PIN PLUG - FLAT



12-PIN SOCKET - FLAT

TOP TIP

TRAILER LIGHTING

All trailers must be fitted with ADR compliant lights. Rear tail lights must be fitted at the outer extremities of the trailer. Marker or forward facing lights are required for trailers over 2 metres wide.

- Tail Lights
- Number Plate Light (one side only required)
- Stop Lights
- Reflectors
- Indicator Lights
- Marker or forward facing lights if the trailer is over 2 metres wide

NO.	DESCRIPTION	COLOUR
1	Left hand Turn	Yellow
2	Reversing Signal	Black
3	Earth Return	White
4	Right Hand Turn	Green
5	Service Brakes	Blue
6	Stop Lamps	Red
7	Rear Tail Lamps / Marker Lamps	Brown
8	Battery Charger / Winch	Orange
9	Auxiliaries / battery Lead	Pink
10	Earth Return	White
11	Rear Fog Lamp	Grey
12	Auxiliaries	Violet

Ask about our attractive stockist dispenser units. We can customise stock inventory to suit your requirements.

Stand dimensions:
910(w) x 500(d) x 2200(h)

QUALITY

Full colour CM branded header card lets your customers know you stock quality products.

FLEXIBLE

The flexible racking system allows you to modify the display stand to suit various types of stock.

PROFESSIONAL

The base unit is coated in an attractive anodised metal finish that looks smart in any situation.

ADJUSTABLE

The adjustable metal shelving can be moved up and down to suit product display.



STRONG

Base shelf with anodised grey kicker boards provides a solid base shelf for heavier products, keeps them off the floor and easier to access.



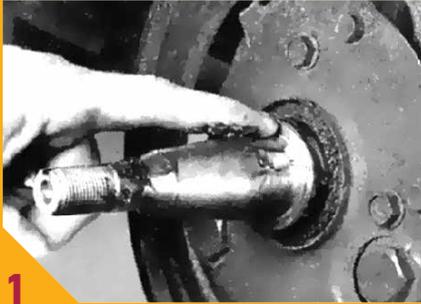


This compact jockey wheel showroom display stand allows you to add on multiple additional units to display the range you stock.

BRAND	DUST CAP	OUTER BEARING	INNER BEARING	SEAL TYPE:		BEARING & SEAL KITS
				2 LIP	MARINE	
Mk 1 Trojan Now obsolete	1.85" / 47mm TE190162	20 x 47 30204	25 x 52 30205 TE190189-09	30 x 52 x 7 TE190141		
Transit Now obsolete	1.85" / 47mm TE190162	20 x 47 30204	25 x 52 30205 TE190189-09			
Delta 10" & 13" Now obsolete	1.98" / 52mm TE190164	25 x 52 30205 TE190189-09	25 x 52 30205 TE190189-09	30 x 52 x 7 TE190141		
Trojan Pre 1977 < 500kg-1000kg	1.78" / 45.2mm TE190161	19 x 45 LM11949-10 TE190189-20	25 x 50 L44600LC L44610	Inner Cone Sealed		TE19TRPT1082
Trojan Post 1977 > 1000kg	1.78" / 45.2mm TE190161	19 x 45 LM11949-10 TE190189-20	25 x 50 L44642-10		31 x 50 PR6695 TE19TRPT1012	TE19TRPT1009
Trojan Pre 1977 < 1500kg	1.78" / 45.2mm TE190161	19 x 45 LM11949-10 TE190189-20	LM67000LA LM67010	Inner Cone Sealed		TE19TRPT1083
CM, ALKO, Trojan, TWL 1500kg	1.78" / 45.2mm TE190161	19 x 45 LM11949-10 TE190189-20	32 x 59 LM67048-10 TE190189-21		37 x 59 PR6641 TE190143	TE190187 (MARINE SEAL)
CM, Trojan, TWL 1500kg	1.78" / 45.2mm TE190161	19 x 45 LM11949-10 TE190189-20	32 x 59 LM67048-10 TE190189-21	37x59 PR5609 TE190142		TE190186 (2 LIP SEAL)
CM 1750kg	1.78" / 45.2mm TE190161	22 x 45 LM12749-10 TE190189-22	35 x 59 L68149-10 TE190189-23	43 x 59 PR6379 TE190146	43 x 59 PR6692 TE190145	TE190188-02
CM Parallel 1750kg	63mms 493020	35 x 59 L68149/10 TE190189-23	35 x 59 L68149/10 TE190189-23	43 x 59 492015	43 x 59 491018	484501
USA 3500lb	1.98" / 50.5mm TE190163	27 x 50 L44649/10 TE190189-27	35 x 60 L68149/11 TE190189-38	43 x 65 TE192KU3		TE190189-3500
CM 2000kg Pre 2007 <	2.047" / 52mm TE190164	25 x 52 30205 TE190189-09	35 x 73 25877-20 NLA	41 x 73 TE190147		
CM 2000kg Post 2007 >	2.047" / 52mm TE190164	25 x 52 30205 TE190189-09	38 x 65 LM29748-10 TE190189-24		47 x 65 PR6697 TE190147-1	TE190189-2000
ALKO 2000kg	63mm 493020	32 x 62 15245-15123 494010	50 x 90 30210 494005	60 x 90 494015	60 x 90 494013	487001 (2 LIP SEAL)
Trojan 2000kg Pre Aug 1997 <	1.78" / 45.2mm TE190161	19 x 45 LM11949-10 TE190189-20	35 x 65 LM48548-10 TE190189-28			
Trojan 2000kg Post Sep 1997 >	2.047" / 52mm TE190163	27 x 50 LM44649-10 TE190189-27	35 x 65 LM48548-10 TE190189-28		47 x 65 PR6697 TE190147-1	
USA 5200lb UFP brand only	2.328" / 59mm TE190165	32 x 59 LM67048/10 TE190189-21	44 x 83 25580-20 TE190189-26	54 x 86 32125 TE191UFP		TE190189-5200
CM 2750kg USA 6000LB	2.44" / 62mm TE190166	32 x 62 15245-15123 TE190189-37	44 x 83 25580-20 TE190189-26	57 x 86 TE192KU10		TE190189-6000
CM 3000kg pre-2006	2.44" / 62mm TE190166	30 x 62 30206 TE190189-12	45 x 85 30209	53 x 85 TE190149		
CM 3000kg 2006+	2.83" / 72mm TE190169	35 x 72 30207	50 x 90 30210 TE190189-16	58 x 90 x 10 TE190149-1		
USA 7000lb	2.72" / 69mm TE190167	31.75 x 69 14125A-14276 TE190189-24	44 x 83 25580-20 TE190189-16	TE192KU10		
CM 3500kg	3" / 76.2mm TE190171	38 x 73 LM29748-10 TE190189-24	50 x 90 30210 TE190189-16		56 x 90 TE190151M	
CM 4000kg	3.15" / 80mm TE190173	40 x 80 30208	55 x 100 30211	70 x 100 TE190152		
CM 6000kg	3.35" / 85mm TE190174	50 x 90 30210 TE190189-16	65 x 120 30213	80 x 120 TE190153		
CM 8000kg	3.94" / 100mm TE190176	55 x 100 32211	75 x 130 32215	90 x 130 x 12		

Follow vehicle manufacturer's recommended procedure to remove tyre and wheel assembly, disc brake caliper, dust cap, cotter pin, adjusting nut and washers.

WARNING Failure to correctly lubricate bearing and maintain proper lubrication may result in bearing damage which could cause wheel to lock or come off during operation, creating a risk of serious bodily harm.



1

CLEAN AND INSPECT SPINDLES AND HUBS

Remove all old lubricant from rotor/hub assembly and spindle, then clean them with kerosene or mineral seal. Inspect spindle for scoring, bending, thread or other damage. File off nicks and burrs. Follow manufacturer's recommendation for permissible spindle wear. A light grease coating on cone seats will make installation easier and prevent fretting.



2

INSTALL CUP

Use cup driver or mild steel bar to press or drive new cup into hub until solidly seated against rotor hub shoulder. Be careful not to damage cup surfaces. Never use a cone to drive a cup.



3

LUBRICATE

Repack cones immediately after inspection or fresh from carton. A pressure grease packer is recommended. To hand-pack cones, force grease under the cage between the rollers until it shows at the small end. Fill the hub with grease to the inside diameter of the outer races and also fill hub grease cap. This layer combats moisture and retains grease in cones.



4

INSTALL GREASE SEAL

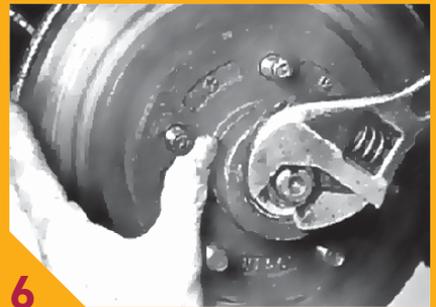
Grease seals must be replaced when they leak or when bearings are being repacked or replaced. Install inner cone in hub, then the seal. Make sure seal lips are pointed in direction. Use proper seal installation tool.



5

INSTALL ROTOR/HUB ASSEMBLY

Slide rotor/hub assembly back over spindle, being careful not to damage the seal against the spindle outer end or threads. Insert grease-packed outer cone, washer and adjusting nut.



6

ADJUST BEARING

Use a 12" wrench to tighten adjusting nut while turning rotor. When rotor binds slightly, all parts are properly seated. Back nut off 1/6 to 1/4 turn or sufficiently to allow .001" to .007" end play. Then lock the nut with a new cotter pin.

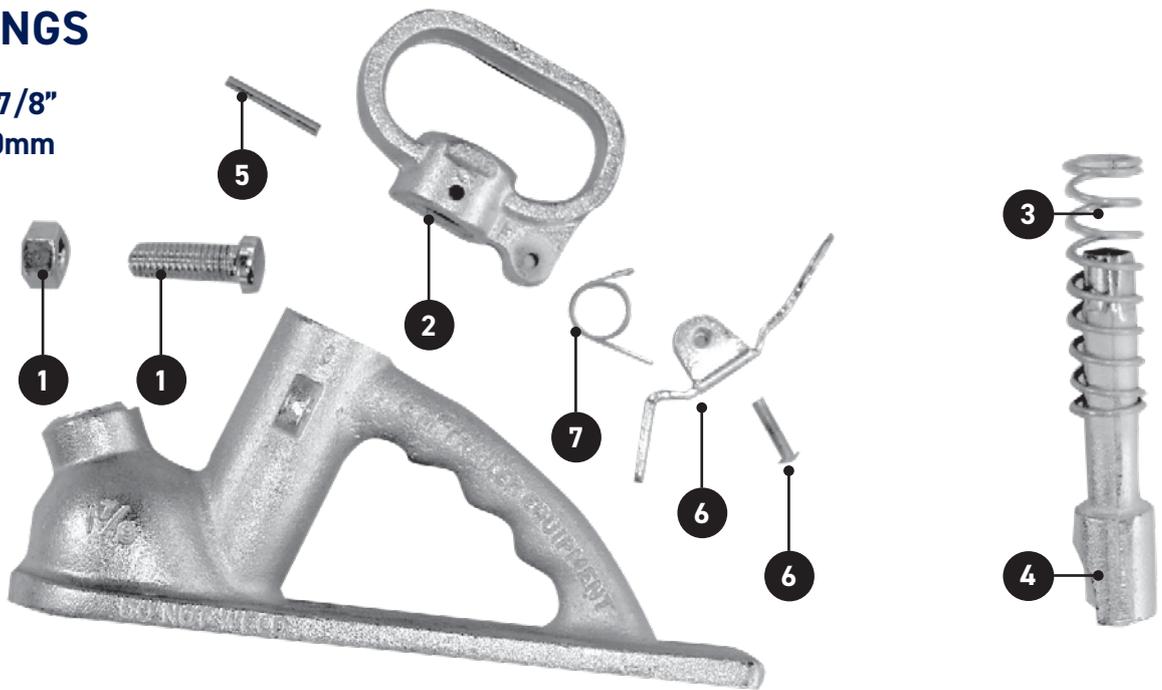
WARNING Failure to back off adjusting nut will cause bearing to run hot and be damaged. Wheel could then lock or come off during operation, creating a risk of serious bodily harm.

GUIDES & MERCHANDISING

TRAILER COUPLINGS	112-116
HOSE KITS	117
HUB AND STUB 1500/1750/2000/2750kg	118
HUB AND STUB 3000/4000/6000/8000kg	119
HYDRAULIC DISC BRAKES	120-123
HYDRAULIC CALIPERS	124-125
DRUM BRAKES HYDRAULIC	126
DRUM BRAKES ELECTRIC	127
BRAKE DISC PADS AND SHOES	128-130
SPRINGS, ROCKERS, BUSHES	131-135
AMERICAN TRAILER SPARE PARTS	136-139
MISC BRAKE SPARE PARTS	140-141

COUPLINGS

TE4C788 1 7/8"
TE4C793 50mm



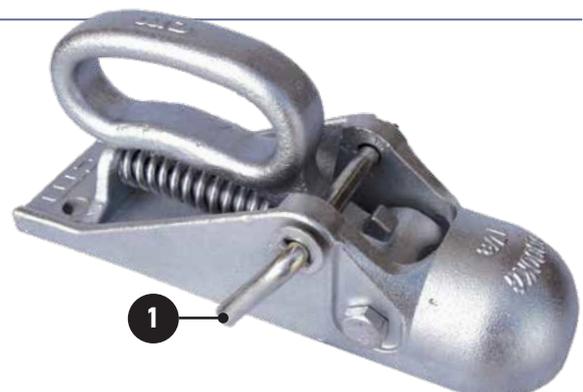
ITEM	DESCRIPTION	1 7/8 RIVET SAFETY CATCH	1 7/8 BOLTED SAFETY CATCH	50MM RIVET SAFETY CATCH	50MM BOLT SAFETY CATCH
1	Adjuster Screw and Nut	610910 1/2" Whitworth Suits Alko & Trigg Blister pack (1 per pack): TE194411P	TE194411C M12 x 1.75mm Blister pack (1 per pack): TE194411CP Pre 2014 <	610910 1/2" Whitworth Suits Alko & Trigg Blister pack (1 per pack): TE194411P	TE194411C M12 x 1.75mm Blister pack (1 per pack): TE194411CP Pre 2014 <
			TE194411U Post 2014 > 1/2" UNC Blister pack (1 per pack): TE194411UP		TE194411U Post 2014 > 1/2" UNC Blister pack (1 per pack): TE194411UP
2	Handle C/W Safety Catch	TE194409*	TE194409C	TE194409*	TE194409C
3	Plunger Spring	TE194412*	TE194412*	TE194412*	TE194412*
4	Plunger	TE194413*	TE194413C	TE194413*	TE194413C
5	Plunger Roll Pin	TE194410*	TE194410*	TE194410*	TE194410*
6	Safety Catch and Rivet	TE194407*	TE194406CP	TE194407*	TE194406CP
7	Safety Catch Spring	TE194408*	TE194406CP	TE194408*	TE194406CP
8	Safety Catch, Spring and Rivet or Bolt	TE194406P*	TE194406CP	TE194406P*	TE194406CP

*No longer available

LEVER COUPLING LOCK PIN KIT 3/8" dia

Fits most 1 7/8" & 50mm lever couplings.

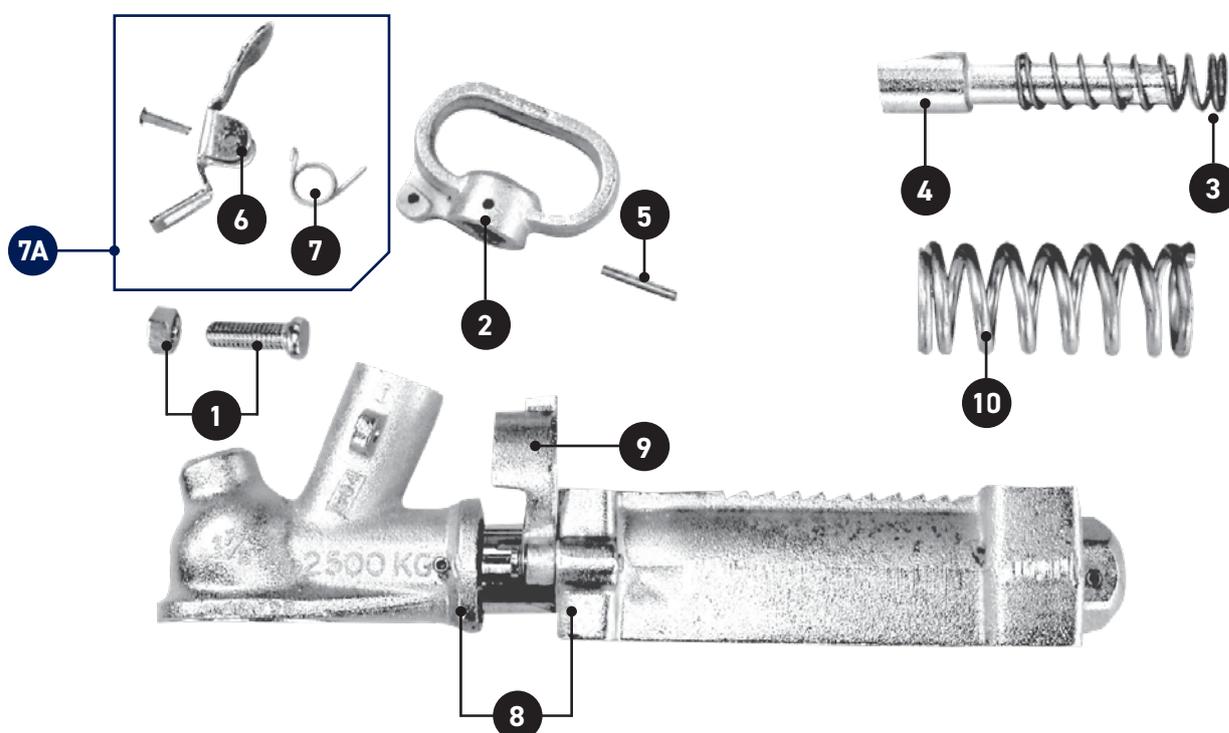
ITEM	DESCRIPTION	1 7/8 / 50MM
1	Lock pin kit	TE19TRPT1025
1	Lock pin kit	614760



HYDRAULIC OVERRIDE COUPLINGS

TE4C798 1 7/8"

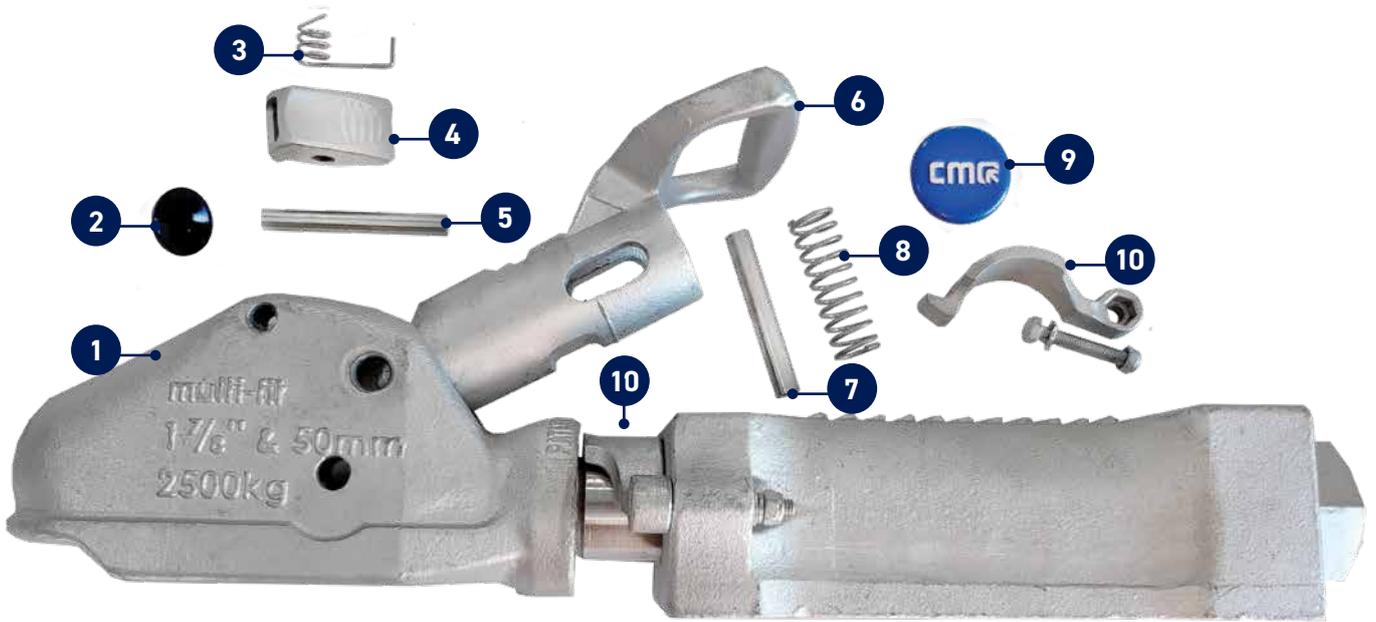
TE4C799 50mm



ITEM	DESCRIPTION	1 7/8 RIVET SAFETY CATCH	1 7/8 BOLTED SAFETY CATCH	50MM RIVET SAFETY CATCH	50MM BOLT SAFETY CATCH
1	Adjuster Screw and Nut	610910 ½" Whitworth Suits Alko & Trigg Single blister pack TE194411P	TE194411C Pre 2014 < M12x1.75mm Single blister pack TE194411CP	610910 ½" Whitworth Suits Alko & Trigg Single blister pack TE194411P	TE194411C Pre 2014 < M12x1.75mm Single blister pack TE194411CP
			TE194411U is ½" UNC Post 2014 > Single blister pack TE194411UP		TE194411U is ½" UNC Post 2014 > Single blister pack TE194411UP
2	Handle C/W Safety Catch	TE194409*	TE194409C	TE194409*	TE194409C
3	Plunger Spring	TE194412*	TE194412*	TE194412*	TE194412*
4	Plunger	TE194413*	TE194413C	TE194413*	TE194413C
5	Plunger Roll Pin	TE194410*	TE194410*	TE194410*	TE194410*
6	Safety Catch and Rivet	TE194407*		TE194407*	
7	Safety Catch Spring	TE194408*		TE194408*	
7A	Safety Catch spring & Rivet or Bolt	TE194406P*	TE194406CP	TE194406P*	TE194406CP
8	Override Body Assembly Standard Spring Light Spring*	614790 TE194401LZ NLA	TE194401Z TE194401LZ*	TE194402Z TE1904401LZ*	TE194402Z TE1904402LZ*
9	Reverse Clip/Pin/Spring	TE194416P	TE194416P	TE194416P	TE194416P
10 LIGHT	Override Spring - Light (1000kg is 6mm diameter)	TE194418*		TE194418*	
10 STANDARD	Override Spring - Standard (2000kg is 7mm diameter)	TE194419		TE194419	

*No longer available

MULTI-FIT COUPLING

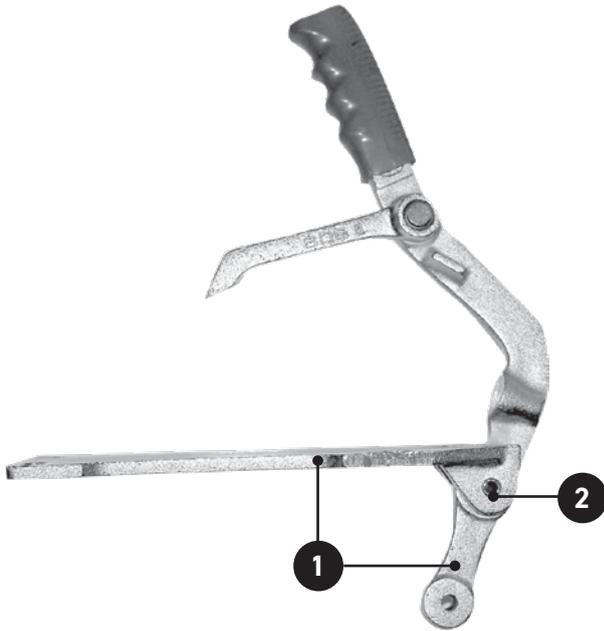


ITEM	DESCRIPTION	PART NO
1	Override assembly 2500kg	TE194501Z
	Electric 3500kg	TE4C891Z
2	Polyinsert	TE194540
3	Torsion Spring	TE194533*
4	Safety Catch	TE194532*
5	Safety Catch Pin	TE194534*
6	Plunger Handle	TE194531*
7	Plunger Pin	TE194535*
8	Plunger Spring	
9	Blue Cap	TE194537
10	Reverse Clip & Bolt	TE194515

*No longer available

SPARE PARTS

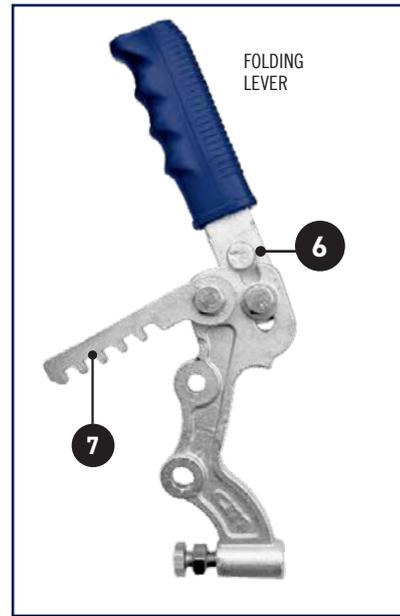
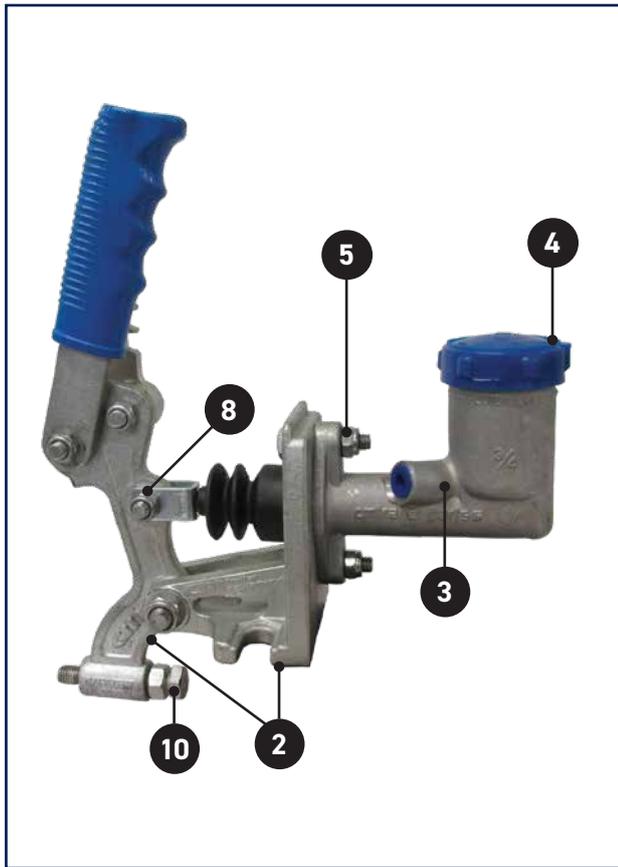
MECHANICAL OVERRIDE BASEPLATE



ITEM	DESCRIPTION	PART NO
1	Base Plate and Lever Assembly - Zinc plated	TE194457Z
1	Base Plate and Lever Assembly - Zinc plated	614053
2	Roll Pin	TE194414*

*No longer available

MASTER CYLINDER & BRACKET ASSEMBLY



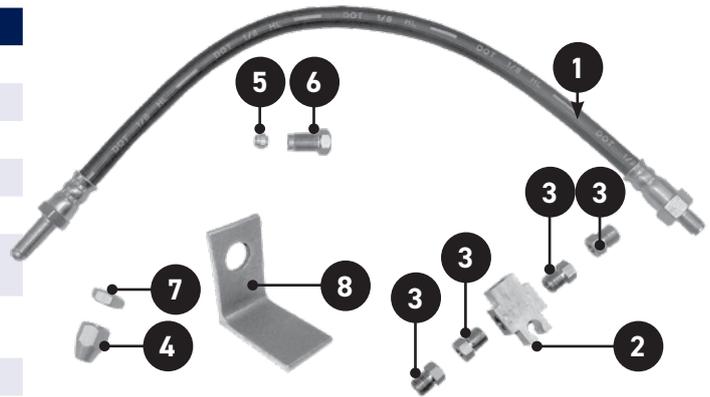
ITEM	DESCRIPTION	FOLDING LEVER	BLISTER PACK (QTY 1)
1	3/4 Master Cyl & Bracket Assembly Complete	TE194425FZ	
	7/8 Master Cyl & Bracket Assembly Complete	TE194427FZ	
2	Bracket & Lever Assembly	TE194424FZ	
3	3/4 Master Cylinder with side port (pictured)	TE194436	
	3/4 Master Cylinder Assembly (standard 45° top port)	TE194437/313001	
	7/8 Master Cylinder Assembly (standard 45° top port)	TE194438/313007	
4	3/4 & 7/8 Std Master Cylinder Cap	TE194440	TE194440P
	7/8 Master Cylinder Cap (Plastic Body)	TE194441/313008	TE194442
5	Bolt & Nut	M8x30x2	
6	Handbrake Lever & Ratchet Assembly	TE194422FZ	
7	Handbrake Ratchet/Pin/Spring	TE194423	
8	Bolt & Nyloc Nut	M8x25	
9	3/4 Master Cylinder Kit	TE194444*	
10	Adjuster bolt & Nut	M10 x 60 ^{NS} /16 UNC	

*No longer available

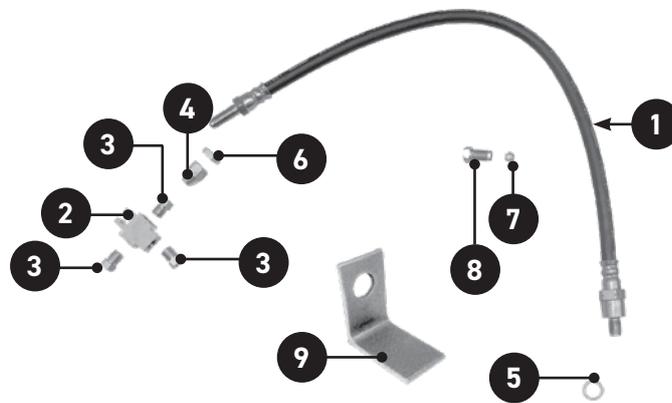
SPARE PARTS

DRUM BRAKE HOSE KITS

ITEM	DESCRIPTION	TE5HKDR	TE5HKDR2
1	Hose 300mm	TE195HDR	TE195HDR x2
2	Brass Tee	333333	333333 x3
3	Tube Nut (male)	313031 x4	313031 x11
4	Tube Nut (female)	TE195BP9	TE195BP9 x2
5	Ferrule 3/16" M/Cly	TE195603	TE195603
6	Tube Nut (male) M/Cly	313030	313030
7	3/8 UNF Brass Lock Nut	TE195LN	TE195LN x2
8	Hose Bracket	TE195LB	TE195LB x2



DISC BRAKE HOSE KITS



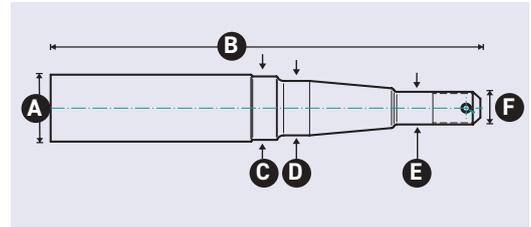
ITEM	DESCRIPTION	TE5HKJ1	TE5HKJ2	TE5HKTR1
1	Hose 500mm	TE195HDJ x2	TE195HDJ x4	TE195HDI x2
2	Brass Tee / Cross	333333 x1	TE195M7024 x1 333333 x1	333333
3	Tube Nut (male)	313031 x3	313031 x7	313031 x3
4	Tube Nut (female)	TE195BP9 x2	TE195BP9 x4	TE195BP9 x2
5	Copper Washer 10mm - Alloy Caliper Only	-	-	TE195CW10 x2
6	3/8 UNF Brass Lock Nut	TE195LN x2	TE195LN x4	TE195LN x2
7	Ferrule 3/16 M/Cly	TE195603 x1	TE195603 x1	TE195603
8	Tube Nut (male) M/Cly	313030 x1	313030 x1	313030
9	Hose Bracket	TE195LB x2	TE195LB x4	TE195LB x2

ITEM	DESCRIPTION	TE5HKTR2	TE5HKJ1SS	TE5HKJ2SS
1	Hose 500mm	TE195HDI x4	TE195HDJSS x2	TE195HDJSS x4
2	Brass Tee / Cross	TE195M7024 x1 333333 x1	333333	TE195M7024 x1 333333 x1
3	Tube Nut (male)	313031 x9	313031 x3	313031 x7
4	Tube Nut (female)	TE195BP9 x4	TE195BP9 x2	TE195BP9S x4
5	Copper Washer 10mm - Alloy Caliper Only	319102 x4	319102 x2	319102 x4
6	3/8 UNF Brass Lock Nut	TE195LN x4	TE195LN x2	TE195LN x4
7	Ferrule 3/16 M/Cly	TE195603	TE195603	TE195603
8	Tube Nut (male) M/Cly	313030	313030	313030
9	Hose Bracket	TE195LB x4	TE195LB x2	TE195LB x4

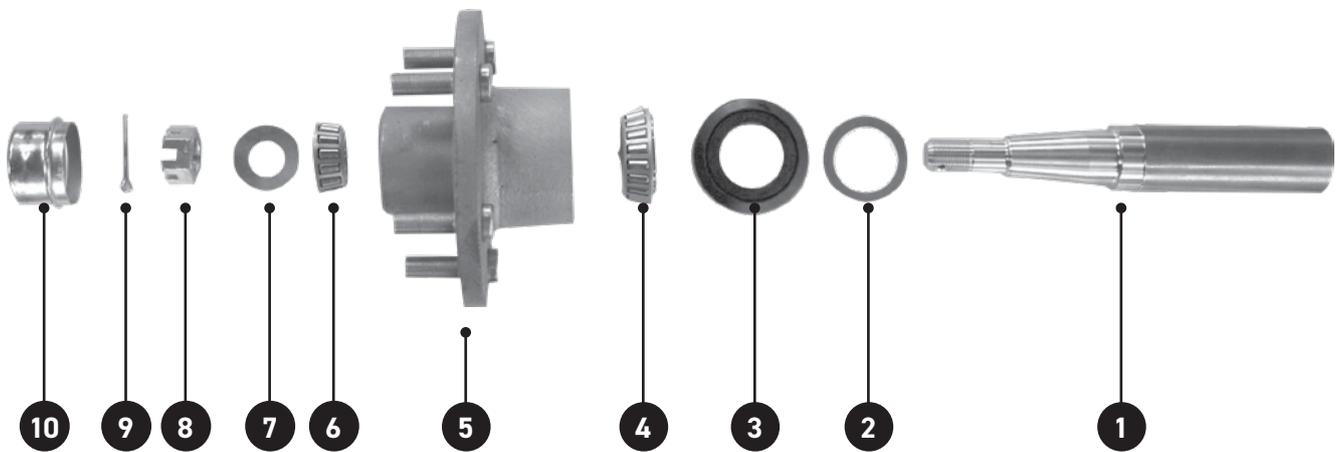
STUB AXLE PROFILES

CM axles are all CNC machined from 1045 medium tensile steel.

A	B	C	D	E	F	PART	DESCRIPTION
39	225	37	32	19	3/4 UNF	143917CNZ	9" 1500 Kg Axle
39	300	37	32	19	3/4 UNF	TE190102	12" 1500 Kg Axle
45	300	43	35	22	3/4 UNF	TE190107	12" 1750 Kg Axle
50	300	47	38	25	3/4 UNF	TE190110	12" 2000 Kg Axle after June 07
63.50	380	57	44.43	31.73	1" SAE	TE190119	2750 Kg CM Axle Also USA 5200lb - 8000lb



1500 / 1750 / 2000 / 2750KG



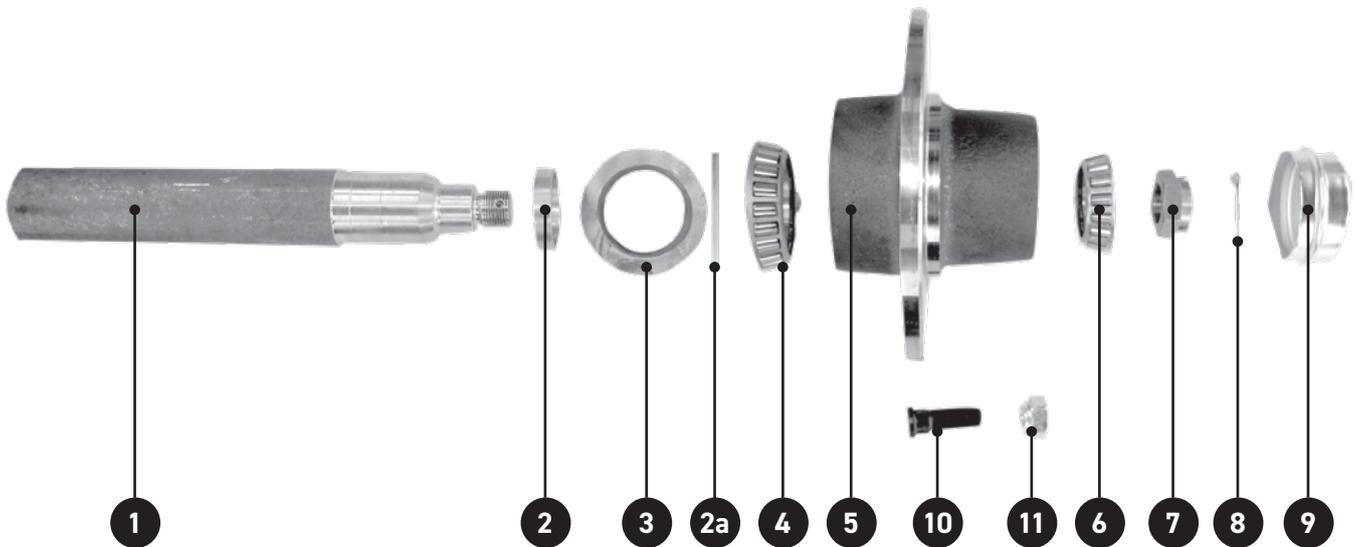
ITEM	DESCRIPTION	1500KG	1750KG	July 07 > 2000KG	2750KG
1	Axle	9"= 143917CNZ 12"= TE190102	12"= TE190107 -	12"= TE190110 -	TE190119 -
2	Washer Marine Seal Only	TE190144	TE190145-2	TE190147-2	TE190148-4 (Sleeve)
3	Hub Seal Marine 2-Lip	TE190143 TE190142	TE190145 TE190146	TE190147-1 -	TE190148-3 TE192KU10
4	Inner Bearing Assembly	TE190189-21 LM67048/10	TE190189-23 L68149/1	TE190189-24 LM29748/10	TE190189-26 25580/20
5*	Hub	POA	POA	TE191AC2000kg	TE190134
6	Outer Bearing Assembly	TE190189-20 LM11949/10	TE190189-22 LM12749/10	TE190189-09 30205	TE190189-37 15123/15245
7	Washer 3/4	TE190190-08	TE190190-08	TE190190-08	TE190190-10
8	Slotted Nut	TE190178	TE190178	TE190178	TE190181
9	Split Pin	TE190190-01	TE190190-01	TE190190-01	TE190190-02
10	Dust Cap	TE190161 1.78" / 45.2mm	TE190161 1.78" / 45.2mm	TE190164 2.047" / 52.0mm	TE190166 2.44" / 62mm

POA - Part On Application. *Please advise stud pattern required.

BEARING KITS	1500KG	1750KG	2000KG	2750KG
Bearing Kit 2-Lip Seal	TE190186			
Bearing Kit Marine Seal	TE190187	TE190188-02	TE190189-2000 Post July 2007 >	Bearing Kit 2-Lip Seal TE190189-6000

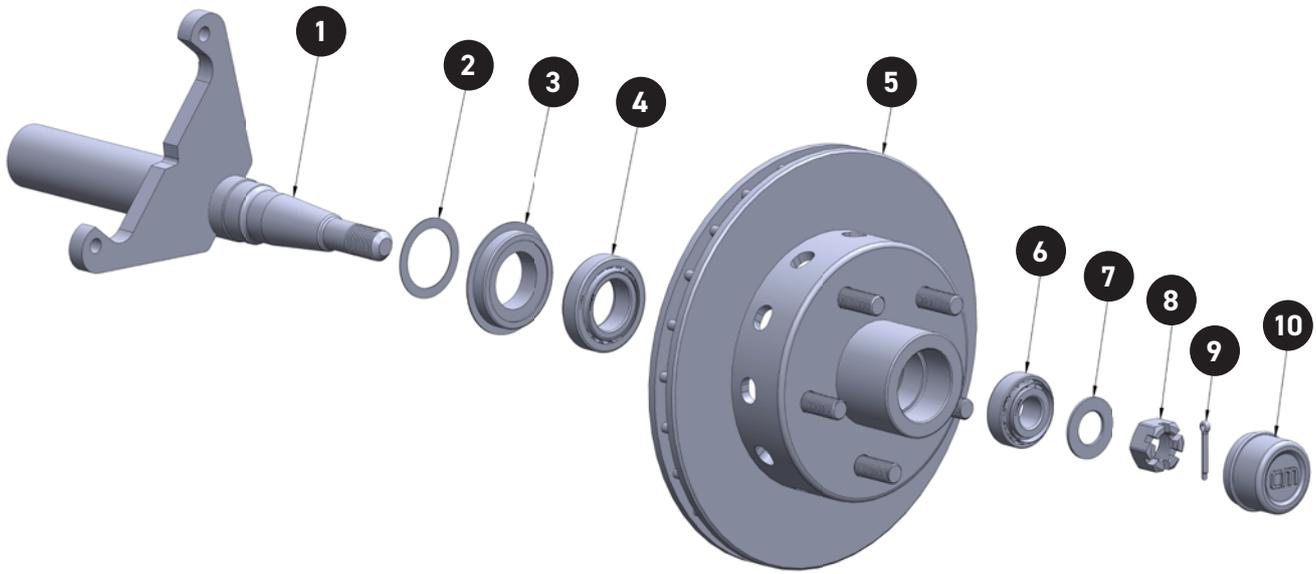
SPARE PARTS

3000 / 4000 / 6000 / 8000kg



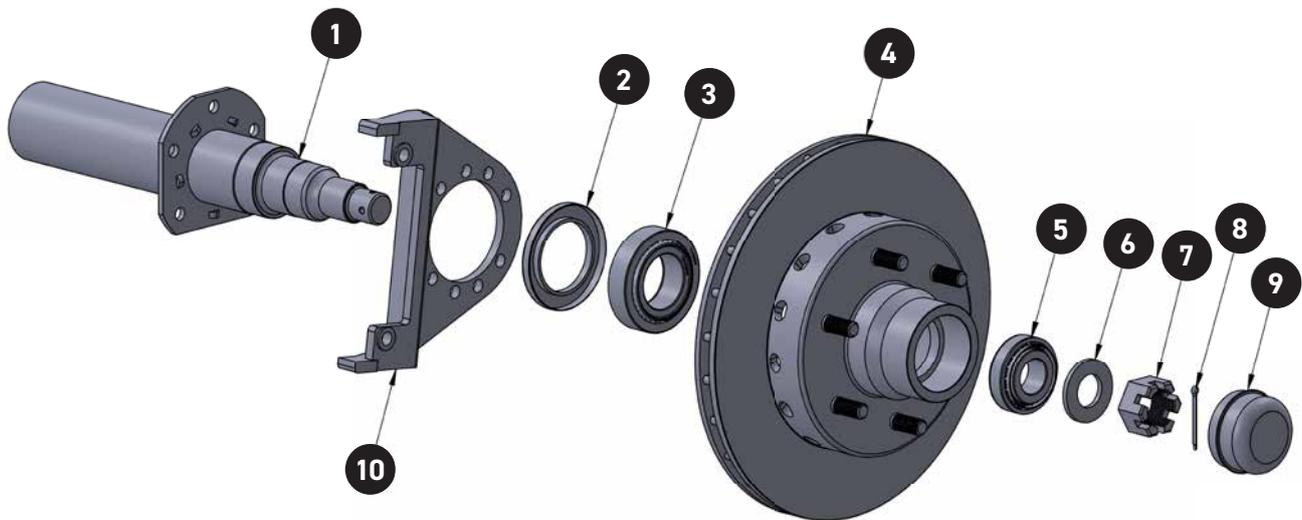
ITEM	DESCRIPTION	3000Kg 55mm Axle	4000KG	6000KG	8000KG
1	Axle	–	–	–	–
2	Shoulder Ring	TE190150-1	POA	POA	
2a	Bearing Spacer Washer	POA			
3	Oil Seal	TE190149-1	TE190152	80X120X12	90X130X12
4	Bearing Assembly Inner	TE190189-16 30210	30211	30213	32215
5	Hub	–	–	–	–
6	Bearing Assembly Outer	30207	30208	30210	32211
7	Slotted Nut	M27X2	M33X2	M39X2	M45X2
8	Split Pin	M5X50	–	–	–
9	Dust Cap	TE190169 72mm	TE190173 80mm	TE190175 90mm	TE190176 100mm
10	Wheel Stud	TE8WS16MF	TE8WS18MF	TE8WS18MF	TE8WS18MF
11	Wheel Nut	TE8WNM16F	TE8WNM18F	TE8WNM18F	TE8WNM18F

1500 / 1750 / 2000KG ONE-PIECE VENTED ROTOR



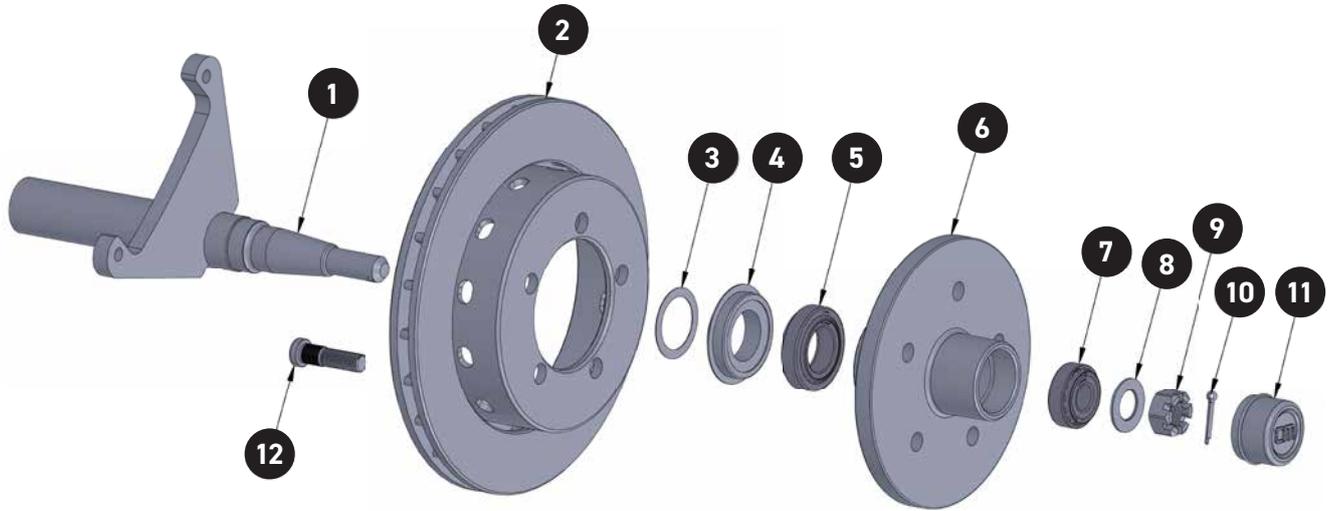
KEY	DESCRIPTION	1500KG	1750KG	2000KG
1	Axle	TE192212-C	TE192215-C	TE192218-K
2	Washer Marine Seal	TE190144	TE190145-2	TE190147-2
3	Marine Seal	TE190143	TE190145	TE190147-1
4	Inner Bearing Assembly	TE190189-21 / LM67048/10	TE190189-23 / L68149/10	TE190189-24 / LM29748/10
5	Vented One-Piece Rotor	TE192DROTOR10 (259mm/10.2")	TE192DROTOR10 (259mm/10.2")	TE192238 (277mm/10.9")
6	Outer Bearing Assembly	TE190189-20 / LM11949/10	TE190189-22 / LM12749/10	TE190189-09 / 30205
7	Washer	TE190190-08	TE190190-08	TE190190-08
8	Slotted Nut 3/8 UNF	TE190178	TE190178	TE190178
9	Split pin M4x32	TE190190-01	TE190190-01	TE190190-01
10	Dust Cap	TE190161	TE190161	TE190164

2750kg SINGLE-PIECE VENTED ROTOR



KEY	DESCRIPTION	2750KG
1	Axles	TE192219-K
2	Hub Seal 2 Lip	TE192KU10
	Marine Seal Collar	TE190148-4
	Hub Seal Marine	TE190148-3
3	Inner Bearing Assembly	TE190189-26 25580/20
4	Rotor Hub	TE192KU2 (305mm/12")
5	Outer Bearing Assembly	TE190189-37 15123/15245
6	Washer	TE190190-10
7	Slotted Nut	TE190181
8	Split Pin	TE190190-02
8	Dust Cap	TE190166
10	Caliper Mounting Plate	TE192KCMB12U

1500 / 1750 / 2000 / 3500kg TWO-PIECE ROTOR



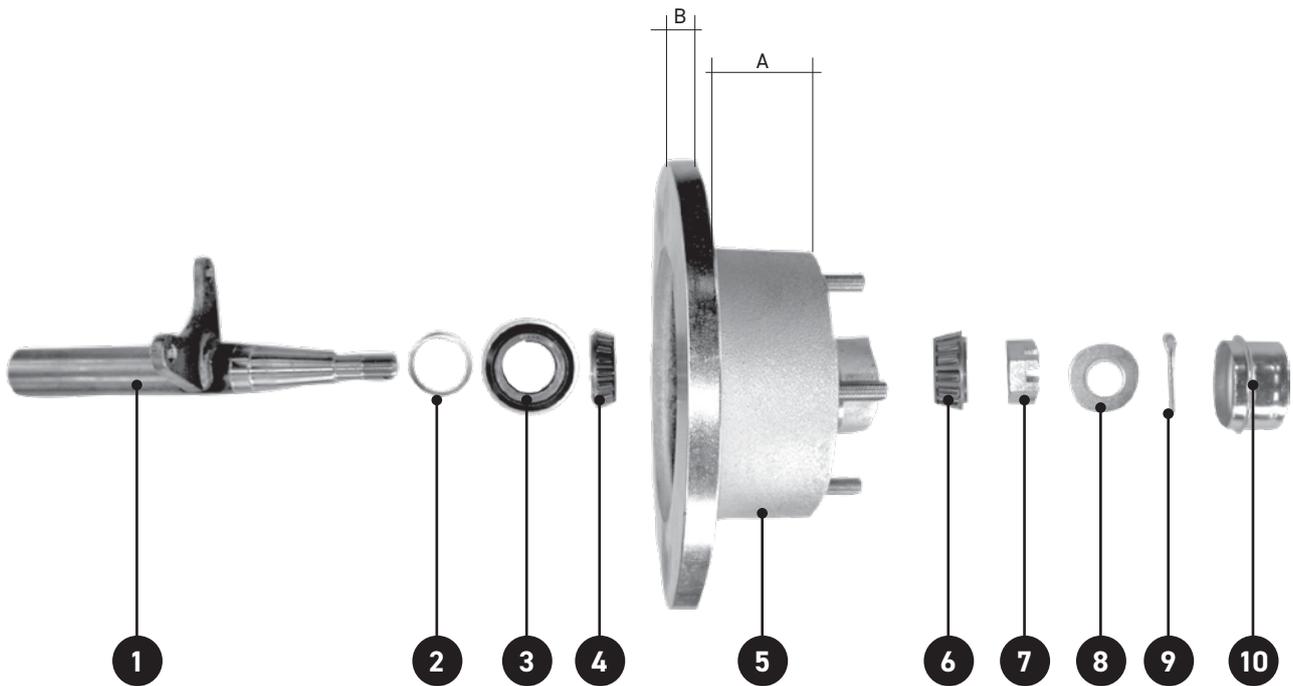
DESCRIPTION	1500KG	1750KG	2000KG	3500KG
1 Axle Single Mount	TE192212-K	TE192215-K	TE192218-K	–
Axle Twin Mount	TE192212-KD*	TE192215-KD*	TE192218-KD*	TE192220-KD
2 Rotor SCAD Plated	TE192KROTOR10	TE192KROTOR10	TE192KROTOR10	TE192KROTOR12
Stainless Steel	TE192KROTOR10SS	TE192KROTOR10SS	TE192KROTOR10SS	TE192KROTOR12SS
3 Washer Marine Seal	TE190144	TE190145-2	TE190147-2	–
4 Marine Seal	TE190143	TE190145	TE190147-1	TE190151 M
5 Bearing Assembly Inner	TE190189-21	TE190189-23	TE190189-24	TE190189-16
	LM67048/10	L68149/10	LM29748/10	30210
6 Hub	POA	POA	POA	POA
7 Bearing Assembly Outer	TE190189-20 LM11949/10	TE190189-22 LM12749/10	TE190189-09 30205	TE190189-24 LM29748/10
8 Washer	TE190190-08	TE190190-08	TE190190-08	TE190190-11
9 Slotted Nut	TE190178	TE190178	TE190178	TE190182
10 Split Pin	TE190190-01	TE190190-01	TE190190-01	TE190190-03
11 Dust Cap	TE190161 1.78"	TE190161 1.78"	TE190164 52mm	TE190171 3"
12 Wheel Stud 7/16 UNF	TE8WS07-K	TE8WS07-K	–	–
1/2 UNF	TE8WS08-K	TE8WS08-K	TE8WS08-K	< 10/08 TE8WS08-2.25L 10/08 > TE8WS08-2.0

*No longer available

**Please advise stud pattern required

SPARE PARTS

1500 / 1750kg SINGLE SOLID PIECE ROTOR

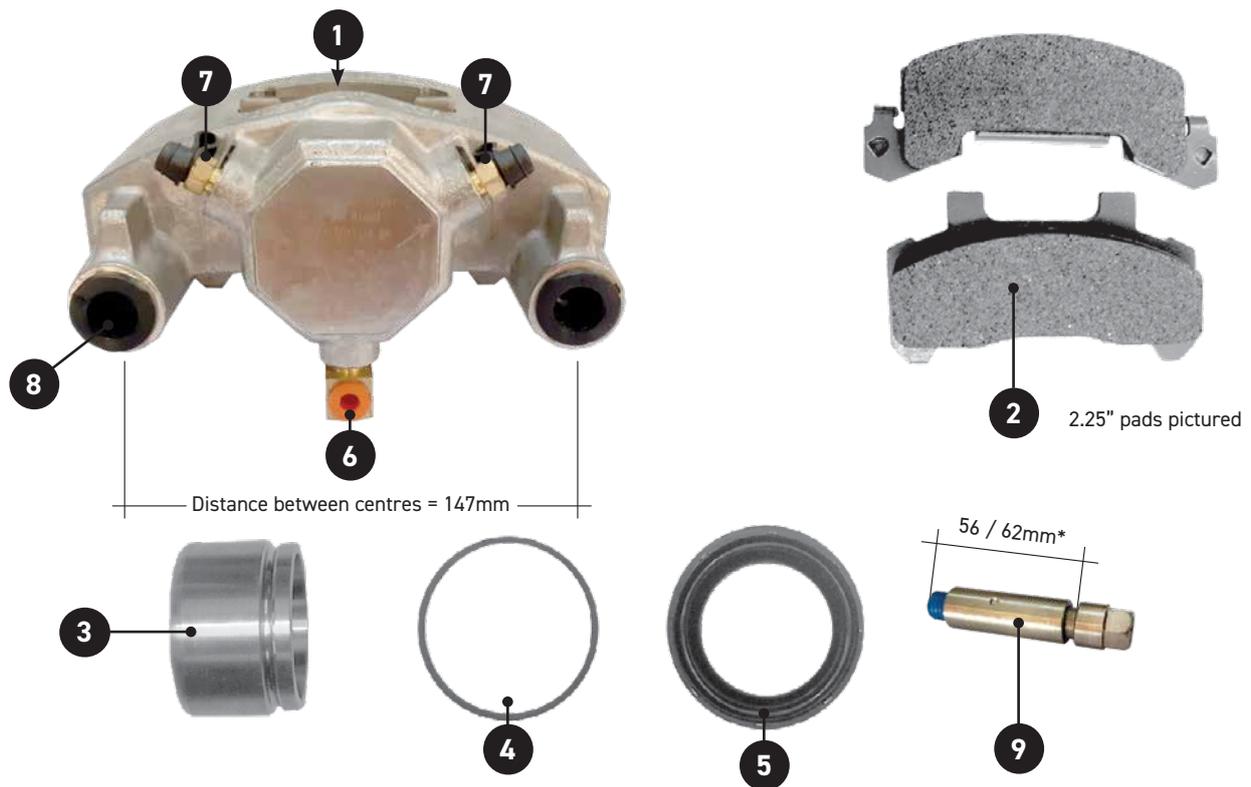


ITEM	DESCRIPTION	1500KG	1750KG
1	Axle Trigg Caliper	TE192212*	TE192215*
	Axle Trigg Caliper Twin Mount	TE192212-D*	TE192215-D*
	Axle CM Alloy Caliper	TE192212*	TE192215*
	Axle CM Alloy Caliper Twin Mount	TE192212-D NLA*	TE192215-D NLA*
2	Washer Marine Seal Only	TE190144	-
3	Hub Seal Marine 2 Lip	TE190143	TE190145
		TE190142	TE190146
4	Bearing Assembly Inner	TE190189-21 LM67048/10	TE190189-23 L68149/10
		TE192237	TE192237
		A = 63mm B = 13mm Diameter = 255mm	A = 63mm B = 13mm Diameter = 255mm
5**	Disc Rotor	TE192236*	TE192236*
		A = 65.5mm B = 15mm Diameter = 260mm	A = 65.5mm B = 15mm Diameter = 260mm
6	Bearing Assembly Outer	TE190189-20 LM11949/10	TE190189-22 LM12749/10
7	Slotted Nut 3/4 UNF	TE190178	TE190178
8	Washer 3/4	TE190190-08	TE190190-08
9	Split Pin M4x32	TE190190-01	TE190190-01
10	Dust Cap	TE190161	TE190161

*No longer available

**Please advise stud pattern required

KODIAK / DEEMAXX 2.25" - 2.50"

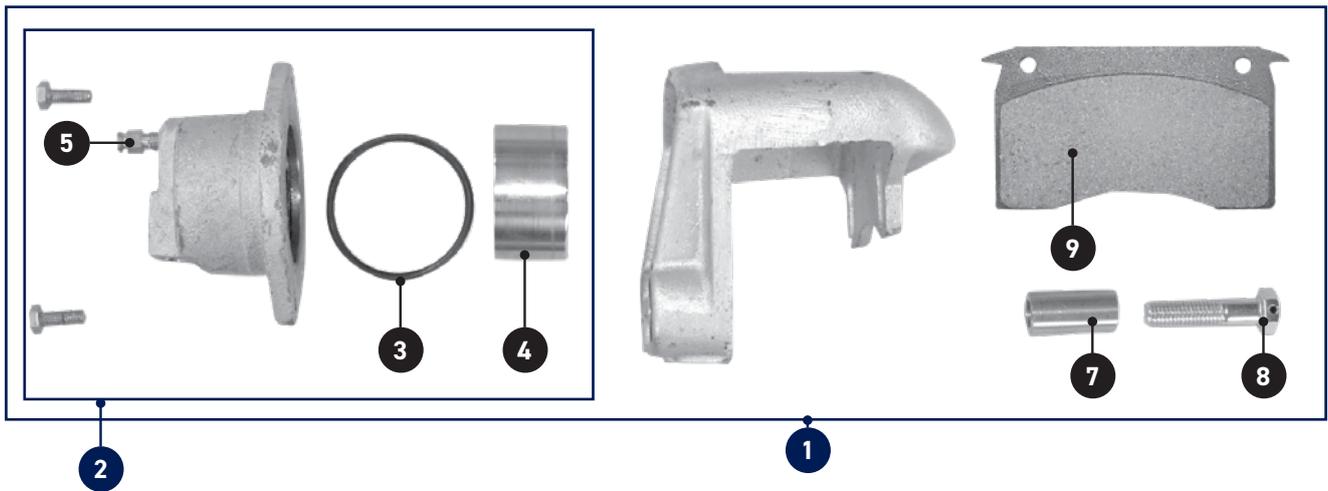


ITEM	DESCRIPTION	2.25" / 57mm PISTON	2.50" / 63.5mm PISTON
1	Caliper Complete. SCAD Plated	TE192KDBC225	TE192KDBC250
	Caliper Complete. Gold Line (not marine)	TE192KDBC225V	
	Caliper Complete. Stainless Steel	TE192KDBC225SS	TE192KDBC250SS
2	Brake Pads (set of 4)	Ceramic: TE192K225PAD Semi-metallic: TE192K225PADSM S/steel backed: TE192K225PADSS	Ceramic: TE192K250PAD S/steel backed: TE192K250PADSS
3	Piston	TE192K225PISTON	TE192K250PISTON
4	Piston Seal	TE192K225SEAL	TE192K250SEAL
5	Piston Dust Seal	TE192K225BOOT	TE192K250BOOT
6	Port Adapter - brass	TE192KBAP	TE192KBAP
7	Bleeder Assembly - Kodiak Bleeder Assembly - Deemaxx,	TE192KADP TE192KBD	TE192KADP TE192KBD
8	Caliper Slide Bush (2 per caliper)	TE192KBSB	TE192KBSB
9	Caliper Mount Bolt (2 per caliper) & Sleeve M11 x 1.5	TE192KMHGB 56mm long*	TE192KMHGB-L 62mm long*

BRAKE OVERHAUL KITS

ITEM	DESCRIPTION	QUANTITY
TE192K2250HK	DEEMAX CALIPER SEAL OVERHAUL KIT - 225 (Suits one caliper)	
TE192K225BOOT	RUBBER BOOT 2.25" KODIAK DEEMAXX	1
TE192K225SEAL	SEAL PISTON 2.25" KODIAK DEEMAXX	1
TE192KBSB	CALIPER SLIDE BUSH DEEMAXX & KODIAK	2
TE192K2500HK	DEEMAX CALIPER SEAL OVERHAUL KIT - 250 (Suits one caliper)	
TE192K250BOOT	RUBBER BOOT 2.25" KODIAK DEEMAXX	1
TE192K250SEAL	SEAL PISTON 2.25" KODIAK DEEMAXX	1
TE192KBSB	CALIPER SLIDE BUSH DEEMAXX & KODIAK	2

ARK

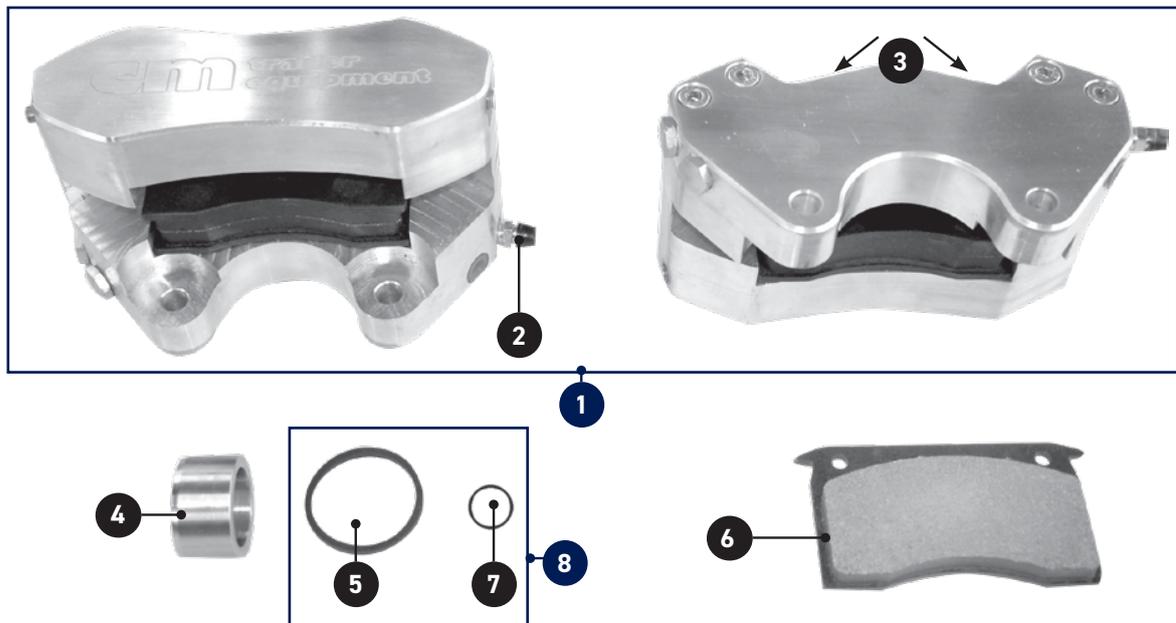


ITEM	DESCRIPTION	PART NO
1	Caliper Complete	TE192246
2	Body/Piston Assembly	TE192252*
3	Piston Seal	TE192253
4	Piston	TE192254
5	S/S Bleeder	TE192255

ITEM	DESCRIPTION	PART NO
7	Slide Bush	TE192256A (x2) Ark
8	Caliper Bolt	TE192256-1 (x2)
9	Disc Pads	TE192251 (1pair) Blister pack (qty 2): TE192251P

*No longer available

CM VIPER II

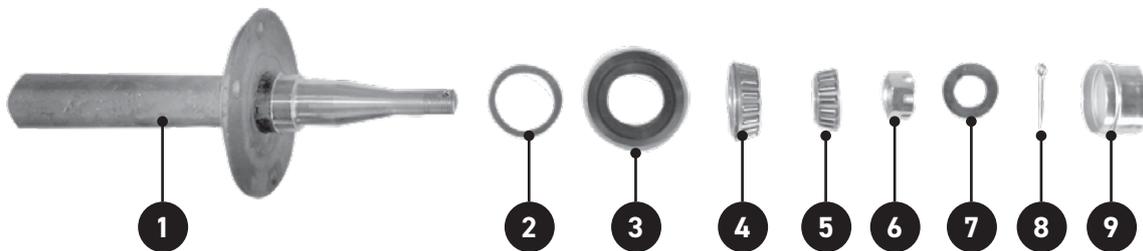
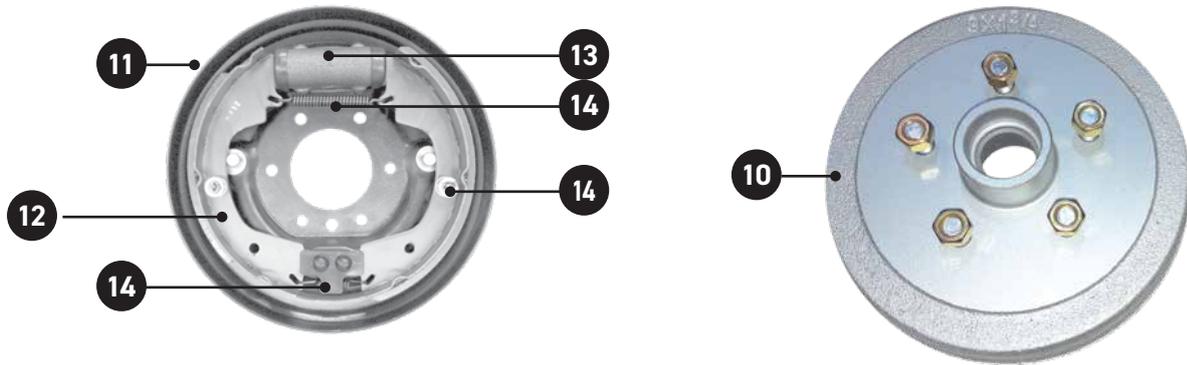


ITEM	DESCRIPTION	PART NO
1	Caliper Assembly	TE192244*
2	Bleeder	TE192267-0
3	Brake Pad Pin Kit	TE192268-3*
4	Piston	TE192266

ITEM	DESCRIPTION	PART NO
5	Piston Seal	TE192266-1
6	Brake Pad (2 per set)	TE192251
7	Galley Seal (2)	TE192266-2
8	Seal Kit (2 of each)	TE192266-K

*No longer available

1500 / 1750 / 2750KG



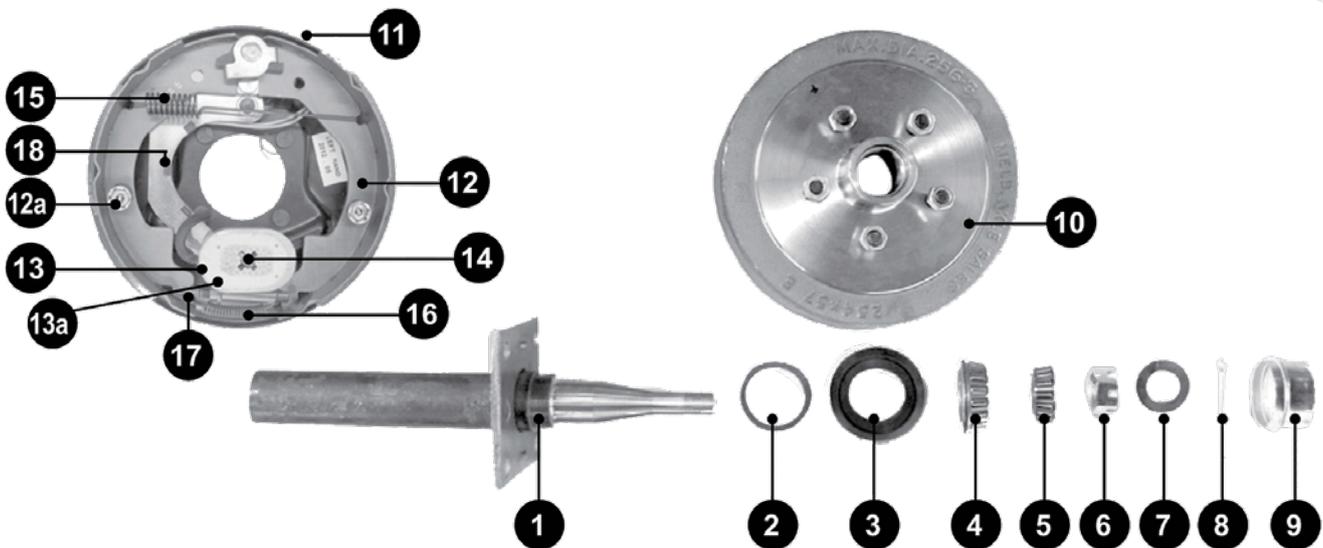
1500kg - 9" x 1.75" brakes pictured

ITEM	DESCRIPTION	1500KG	1750KG	2750KG
1	Axle	TE192201-C Dec 09 onwards	TE192208	TE192219-K
	Axle Bolt On	TE192203*		
2	Washer Marine Seal Only	TE190144	TE190145-2	—
3	Seal Marine	TE190143	TE190145	—
	Seal - 2 Lip Automotive	TE190142	TE190146	TE192KU10
4	Bearing Assembly Inner	TE190189-21 LM67048/10	TE190189-23 L68149/10	TE190189-26 25580/20
5	Bearing Assembly Outer	TE190189-20 LM11949/10	TE190189-22 LM12749/10	TE190189-37 15123/15245
6	Slotted Nut	TE190178	TE190178	TE190181
7	Washer	TE190190-08	TE190190-08	TE190190-10
8	Split Pin	M4X32	TE190190-01	TE190190-02
9	Dust Cap	TE190161	TE190161	TE190166
10	Brake Drum	TE192221Z: Blank TE192221ZF: 4.5 x 5 x 1/2"	TE192226Z: Blank TE192266ZF: 4.5 x 5 x 1/2"	TE192240D Drilled 5.50" x 6 x 1/2"
11	Back Plate	TE192271 L or R	—	
	Back Plate with Park Brake	311100 Right 311101 Left	—	TE192270L or R
12	Brake Shoes	TE192278 (set of 4)	TE192278C* (set of 2)	
13	Brake Cylinder	3190101	—	
14	Retainer pin kit	319017	—	

*No longer available

SPARE PARTS

1500 / 1750 / 2750 / 3500KG

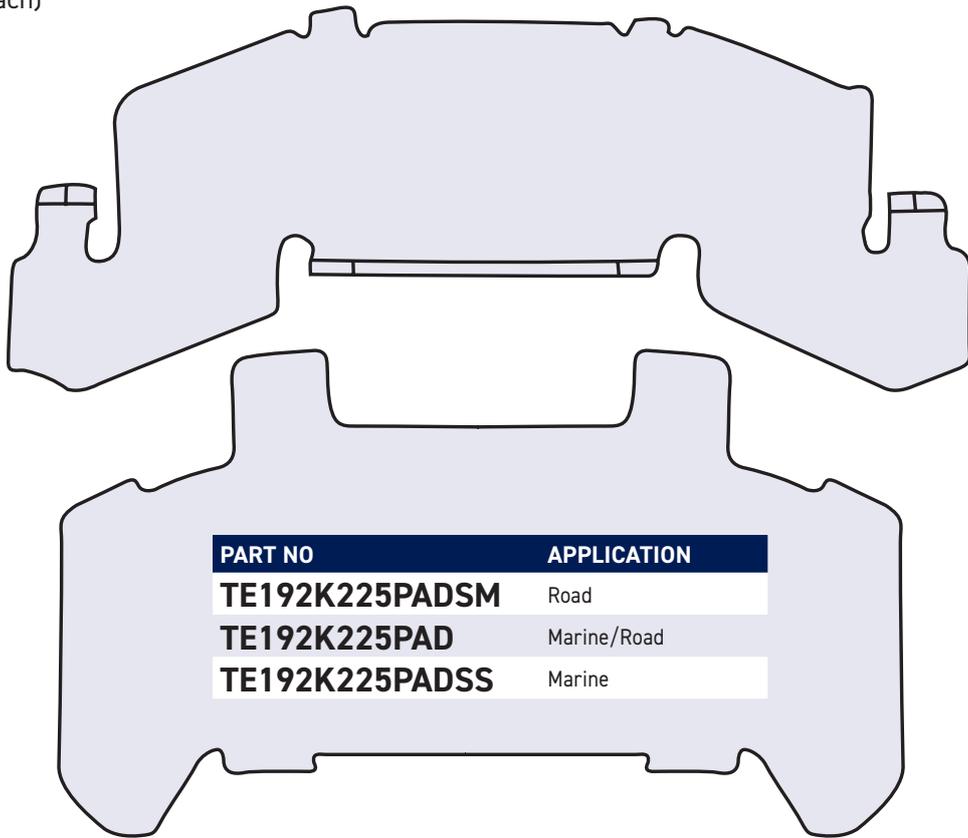


ITEM	DESCRIPTION	1500KG 10" x 2.25"	1750KG 10" x 2.25"	1750H/D 10" x 2.25"	2750KG 12" x 2"	3500KG 12" x 2"
1	Axle	TE192206	TE192208	TE192209HD	TE192219-K	TE192210
2	Washer Marine Seal Only	TE190144	TE190145-2	—	—	—
3	Seal 2 Lip	TE190142	TE190146	TE190146	TE192KU10	TE190151
	Marine Seal	TE190143	TE190145	TE190145	—	—
4	Bearing Inner	TE190189-21 LM67048/10	TE190189-23 L68149/10	TE190189-23 L68149/10	TE190189-26 25580/20	TE190189-16 30210
5	Bearing Outer	TE190189-20 LM11L949/10	TE190189-22 LM12749/10	TE190189-23 L68149/10	TE190189-37 15123/15245	TE190189-24 LM29748/10
6	Slotted Nut	TE190178	TE190178	TE190180	TE190181	TE190182
7	Washer	TE190190-08	TE190190-08	TE190190-10	TE190190-10	TE190190-1 1
8	Split Pin	M4X32	M4X32	TE190190-02	TE190190-02	M5X63
9	Dust Cap	TE190161	TE190161	TE190166	TE190166	TE190171
10	Brake Drum	TE192226Z** Blank TE192226ZF** 4.50x5x½	TE192226Z** Blank TE192226ZF** 4.50x5x½	TE192229	TE192240D	TE192241- 3500kg
	**also suits AL-KO		Max inside diameter: 256.3mm			
	Brake Drum Hub	—	—	—	—	TE192240
11	Back Plate c/w Park L/H Brake R/H Brake	331101H 331100H	331101H 331100H	331101H 331100H	331301H 331300H	TE192275L TE192275R
12	Brake Shoe - Dexter (slots) - CM (no slots)	TE192280 339120 - Primary	TE192280 339121 - Secondary	TE192280 339135B x(Set) 4xShoes	339122+339123	TE192281
12a	Brake Shoe	339127	—	—	—	—
13	Magnet Assy - Standard - New Heavy Duty	339010 —	339010 —	339010 —	339012 —	339012 TE192293HD
13a	Magnet Spring	339110	339110	339110	TE192293HD	TE192293HD
14	Magnet Clip	339102	339102	339102	—	—
15	Spring Top	339130	339130	339130	TE192290-12	TE192290-12
16	Spring Bottom	339128	339128	339128	TE192289	TE192289
17	Adjuster Assembly	TE192286*	TE192286*	TE192286*	TE192286*	TE192286*
18	Cable Clip	TE192291-03*	TE192291-03*	TE192291-03*	TE192291-03*	TE192291-03*
19	Cable Grommet	TE192291-02*	TE192291-02*	TE192291-02*	TE192291-02*	TE192291-02*

*No longer available

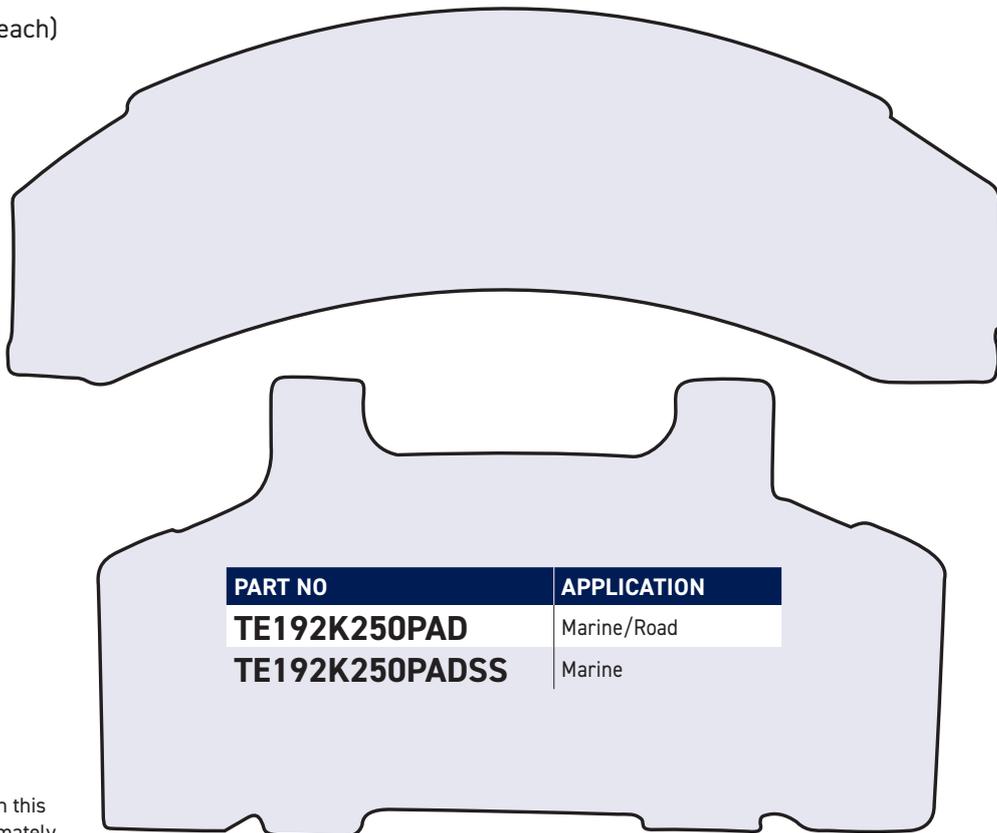
2.25" DEEMAX / KODIAK

Set of 4 (2 of each)

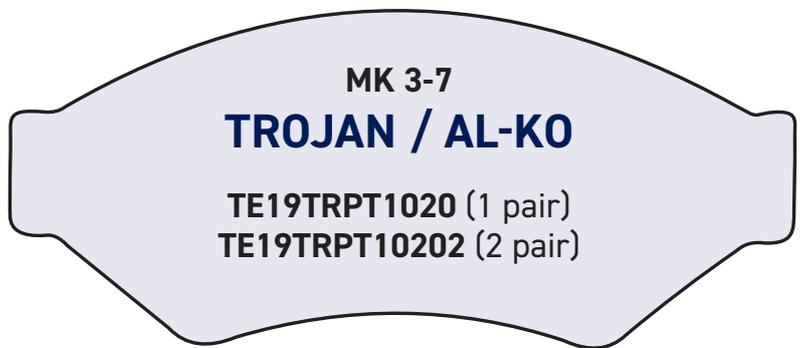


2.50" DEEMAX / KODIAK

Set of 4 (2 of each)



Note: diagrams on this page are approximately 85-90% of actual size



Note: diagrams on this page are approximately 85-90% of actual size

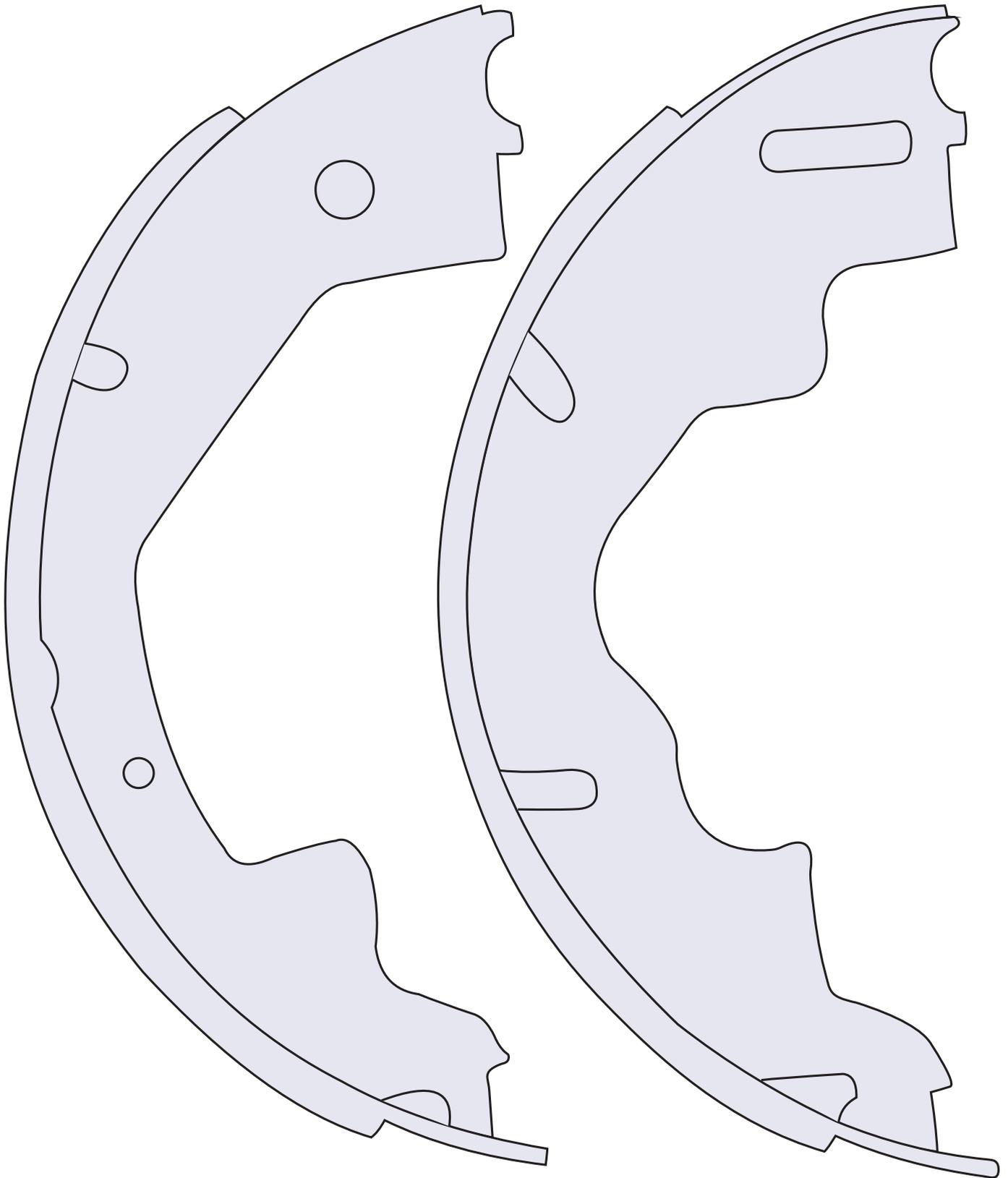
DEXTER TYPE

TE192280 DEXTER BRAND

AL-KO TYPE

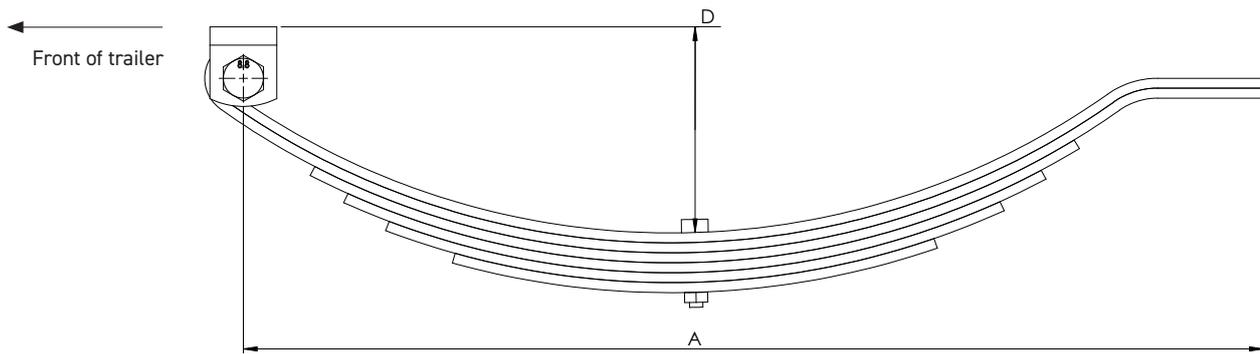
339120 Primary (Front)

339121 Secondary (Rear)



Note: diagrams on this page are approximately 85-90% of actual size

EYE - SLIPPER SPRINGS



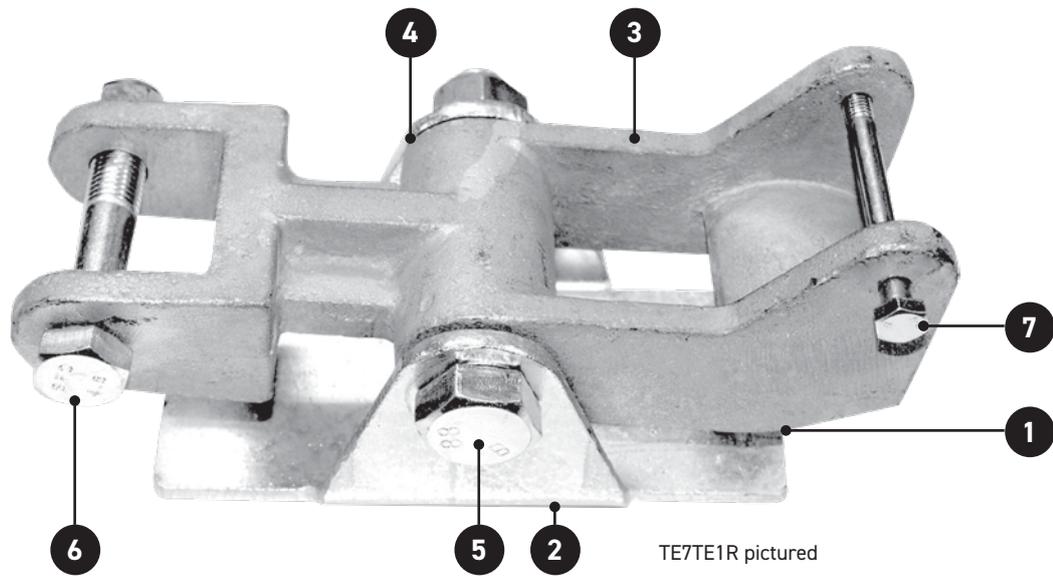
PART NO	A = LENGTH	B = WIDTH	C = EYE SIZE	D = SPRING SET	NUMBER OF LEAVES	FINISH
TE197I0500	615	50	16	110	2 x 6mm	Paint
TE197I0750	615	50	16	110	3 x 6mm	Paint
TE197I1000	615	50	16	110	4 x 6mm	Paint
TE197I1250	615	50	16	110	5 x 6mm	Paint
TE197I1500	615	50	16	110	6 x 6mm	Paint
TE197I1750	615	50	16	110	7 x 6mm	Paint
TE197G0500	615	50	16	110	2 x 6mm	Dacromet
TE197G0750	615	50	16	110	3 x 6mm	Dacromet
TE197G1000	615	50	16	110	4 x 6mm	Dacromet
TE197G1250	615	50	16	110	5 x 6mm	Dacromet
TE197G1500	615	50	16	110	6 x 6mm	Dacromet
TE197G1750	615	50	16	110	7 x 6mm	Dacromet
TE197M1000	760	45	½	170	5 x 6mm	Paint
TE197M1250	760	45	½	170	6 x 6mm	Paint
TE197P1000	760	45	½	170	1 x 16mm	Galv
TE197P1400	760	45	½	170	1 x 18	Galv
TE197S0500 pr	760	51	16	100	1 x 8	Grey Paint
TE197S1000 pr	760	51	16	100	1 x 11	Grey Paint
TE197S1500 pr	760	51	16	100	1 x 13	Grey Paint
TE197S2000 pr	760	51	16	100	1 x 18	Grey Paint
TE197N0300	770	50	16	110	1 x 6.3mm	Black
TE197N0450	770	50	16	110	2 x 6.3mm	Black
TE197N0600	770	50	16	110	3 x 6.3mm	Black
TE197N0750	770	50	16	110	4 x 6.3mm	Black
TE197N1000	770	50	16	110	5 x 6.3mm	Black
TE197N1500	770	50	16	110	5 x 8mm	Black
TE197N1750	770	50	16	110	6 x 8mm	Black
TE197N2000	770	50	16	130	5 x 9mm	Black
TE197N2500	770	50	16	130	6 x 9mm	Black

SPRING EYE BUSHES

ID	OD	WIDTH	PART NO	BLISTER PACK (QTY: 2)
1/2"	7/8"	1 3/4"	TE197SB7	TE197SB7P
9/16"	1 1/16"	1 3/4"	TE197SB6	TE197SB6P
5/8"	7/8"	2"	TE197SB8	TE197SB8P



EYE - SLIPPER TYPE



ITEM	DESCRIPTION	PART NO	BLISTER PACK AVAILABLE
1	Rocker Complete (1 Pair) as pictured above	TE7TE1R	
2	Rocker Frame	TE197T101	
3	Rocker Arm Casting with Bushes	TE197T100-C	
4	Rocker Bush 2005 > Cast Rocker	TE197RB	(Qty: 2) TE197RBP
5	Rocker Bolt & Nut 2005 > Cast Rocker M20 x 120	TE197RBOLT1	
6	Rocker Bolt & Nut M16 x 100	TE197RBOLT2	
7	Rocker Bolt & Nut M10 x 90 8.8	TE197RBOLT3	

EYE - EYE ROCKER

TE197TBRIFORD

51mm wide
M16 bolts

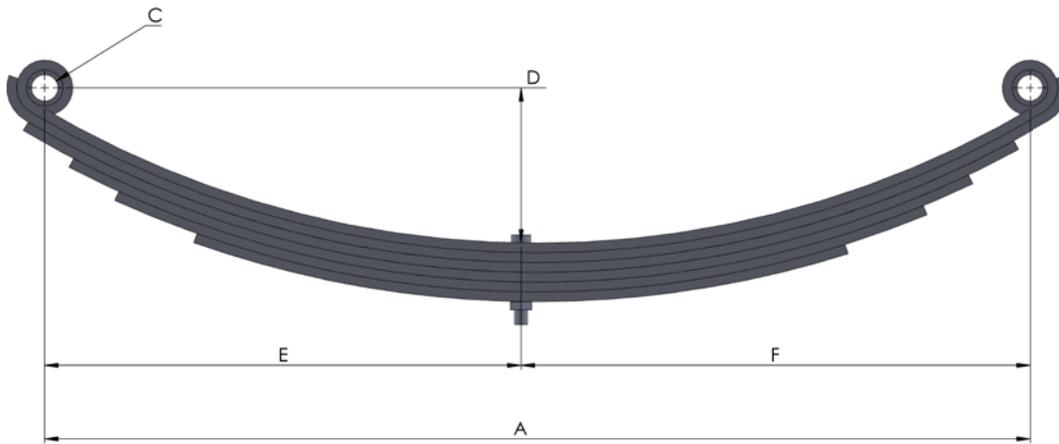
(Sold per pair)



SPRING OVERHAUL KITS

TE197SSOHK		SINGLE SPRING OVERHAUL KIT	
TE197BE16090G	BOLT M16x90 GALV		2
TE197NN16G	NYLOC NUT GALV M16 (0.4-OT)		2
TE197SB8	ROCKER BUSH 25 x 20 x 36L		2
TE197ESOHK		TANDEM EYE/SLIPPER OVERHAUL KIT	
TE197BE16090G	BOLT M16x90 GALV		2
TE197NN16G	NYLOC NUT GALV M16 (0.4-OT)		4
TE197BE16100G	BOLT M16 x 100 GALV		2
TE197BHT10090Z	BOLT H/T M10x90 ZP		2
TE197NN10	NYLOC NUT 10mm ZP		2
TE197BHT20120Z	HT ROCKER BOLT M20 x 120 GALV		2
TE197NN20	NYLOCK NUT 20mm GALV		2
TE197RB	ROCKER BUSH 25 x 20 x 36L		4
TE197SB8	SHACKLE BUSH 5/8" x 7/8"x 2" 5/8" x 7/8" x 2"		4
TE197EEOHK		TANDEM EYE/EYE OVERHAUL KIT	
TE197BE16090G	BOLT M16x90 GALV		14
TE197NN16G	NYLOC NUT GALV M16 (0.4-OT)		14
TE197SB8	SHACKLE BUSH 5/8" x 7/8"x 2" 5/8" x 7/8" x 2"		14
TE197T207	LINK PLATE TABBED EYE / EYE		4
TE197T208	LINK PLATE PLAIN EYE / EYE		4
TE197RROHK		ROCKER ROLLER OVERHAUL KIT (SUITS ALKO SPRINGS ONLY)	
576304	SHACKLE PIN M16 WITH 45 DEG NIPPLE		8
590708	NUT M16 NYLOC SILVER ZINC		8
576301	SPRING ROLLER SUIT ROCKER ROLLER SPRING		4
576306	SPRING R/ROLLER CENTRE PIN M18 X 97mm		2
590712	NUT M18 NYLOC SILVER ZINC		2
590003	SPRING BUSH NYLON 5/8x7/8x60mm nb58		4

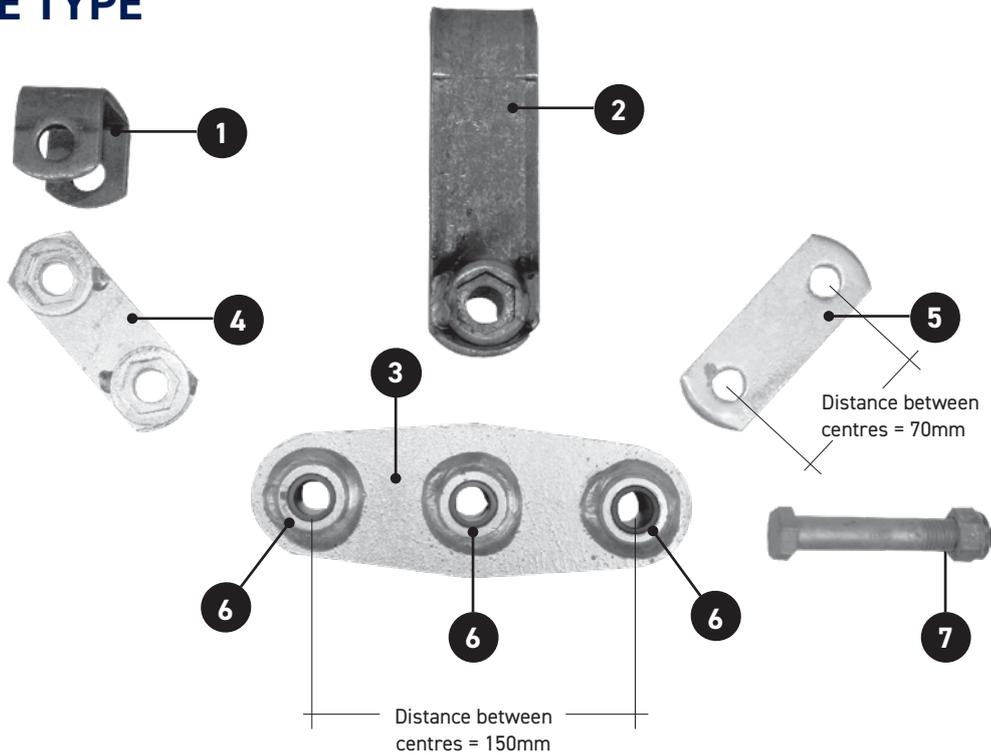
EYE - EYE SPRINGS



Note: U-Bolt Kit Sold Separately

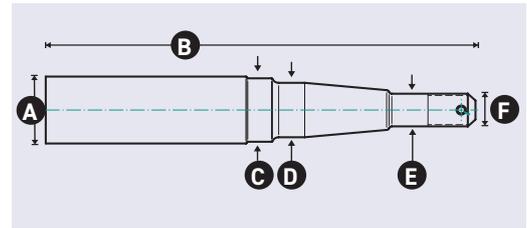
A = LENGTH	B = WIDTH	C = EYE SIZE	D = SPRING SET	E = OFFSET LENGTH	F = OFFSET LENGTH	NO OF LEAVES	FINISH	PART NO
600	50	16	95	290	310	4 x 6mm	Paint	TE197EE1000
600	50	16	95	290	310	5 x 6mm	Paint	TE197EE1250
600	50	16	95	290	310	6 x 6mm	Paint	TE197EE1500
600	50	16	95	290	310	8 x 6mm	Paint	TE197EE1750
600	50	16	95	290	310	4 x 6mm	Dacromet	TE197EE100G
600	50	16	95	290	310	5 x 6mm	Dacromet	TE197EE1250G
600	50	16	95	290	310	6 x 6mm	Dacromet	TE197EE1500G
600	50	16	95	290	310	8 x 6mm	Dacromet	TE197EE1750G

EYE - EYE TYPE



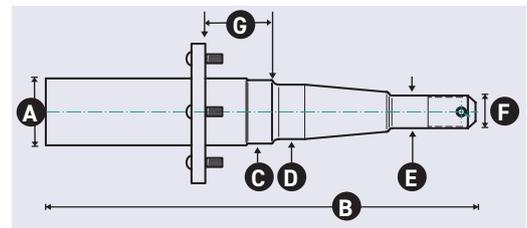
ITEM	DESCRIPTION	PART NO
1	Spring Hanger 2"	590501
2	Rocker Saddle EYE / EYE	TE197T201
3	Rocker Arm EYE / EYE, includes nylon brushes	TE197T200
4	Link Plate Tabbed	TE197T207
5	Link Plate Plain	TE197T208
6	Rocker Arm Bush (3 required per rocker)	TE197SB8 Blister pack (qty 2): TE197SB8P
7	Rocker Bolt M16 x 90	TE197SB1

STUB AXLES NON-BRAKED



PART NUMBER	A	B	C	D	E	F	CAPACITY (LB/PAIR)
TE190119	63.5	380	57	44.43	31.73	1" SAE	5200, 6000, 70000 & 8000

STUB AXLES BRAKED



PART NUMBER	A	B	C	D	E	F	G	CAPACITY (LB/PAIR)
TE192205	45mm	300	43.70	35	27	1" SAE	35	3500LB
TE192219-K	63.5	380	57	44.43	31.73	1" SAE	72	5200, 6000, 70000 & 8000

AXLE NUTS & WASHERS

TE191UFP32414

AXLE NUT 1³/₁₆"

Suits ufp axles



TE191UFP32418

RETAINER FOR AXLE NUT

Suits UFP 1³/₁₆"



TE190181

SLOTTED NUT 1" SAE 14TPI

Suits usa spindle #42



TE190181-1

WASHER 25.4MM ID X 42MM OD



TE192KU8

LOCK WASHER FOR SLOTTED NUT

Single tab 25.4mm ID x 39.6mm OD



TE192KU9

LOCK WASHER FOR SLOTTED NUT

Multi tab 1" ID



PLAIN HUBS



TE190134 pictured

PART NUMBER	CAPACITY (LB/PAIR)	PCD	BEARINGS OUTER & INNER	BRAND
TE190123	3500	4.50" x 5 x 1/2"	L44649/10 & L68149/11 TE190189-3500 Bearing Kit	
TE191UFP41272	5200	5.50" x 6 x 1/2"	LM67048/10 & 25580/20	UFP
TE190134	6000	5.50" x 6 x 1/2"	15123/15245 & 25580/20 TE190189-6000 Bearing Kit	

*No longer available

ROTOR HUBS



TE192KU1 pictured

PART NUMBER	CAPACITY (LB/PAIR)	DIA	PCD	BEARINGS OUTER & INNER	BRAND
TE192KU1	3500	10"	4.50" x 5 x 1/2"	L44649/10 & L68149/11	
TE192UFP41019	3500	10"	4.50" x 5 x 1/2"	L44649/10 & L68149/10	UFP
TE192KU2	6000	12"	5.50" x 6 x 1/2"	15123/45 & 25580/20	DEEMAXX
TE192KU2K*	6000	12"	5.50" x 6 x 1/2"	15123/45 & 25580/20	KODIAK
TE192KU13-1*	8000	13"	6.50" x 8 x 9/16"	02475/20 & 25580/20	DEEMAXX
TE192KU13-2*	8000	13"	6.50" x 8 x 5/8"	02475/20 & 25580/20	DEEMAXX

*No longer available

SLIP ON ROTORS



TE192KROTOR10F pictured

PART NUMBER	DIA	PCD	MATERIAL	FINISH	BRAND
TE192KROTOR10	10.9"	BLANK	Cast iron	DACROMET	DEEMAXX
TE192KROTOR10F	10.9"	4.50" x 5 x 1/2"	Cast iron	DACROMET	DEEMAXX
TE192KROTOR10KF	10.9"	4.50" x 5 x 1/2"	Cast iron	DACROMET	KODIAK
TE192KROTOR10SS	10.9"	BLANK	S/steel	S/steel	DEEMAXX
TE192KROTOR10SSF	10.9"	4.50" x 5 x 1/2"	S/steel	S/steel	DEEMAXX
TE192KROTOR10SSK*	10.9"	4.50" x 5 x 1/2"	S/steel	S/steel	KODIAK
TE192KROTOR12	12"	5.50" x 6 x 1/2"	Cast iron	DACROMET	DEEMAXX
TE192KROTOR12K	12"	5.50" x 6 x 1/2"	Cast iron	DACROMET	KODIAK
TE192KROTOR12SS	12"	5.50" x 6 x 1/2"	S/steel	S/steel	DEEMAXX
TE192KROTOR12SSK*	12"	5.50" x 6 x 1/2"	S/steel	S/steel	KODIAK

*No longer available

BRAKE DRUMS



TE192240UFP pictured

PART NUMBER	CAPACITY (LB/PAIR)	DIA	PCD	BEARINGS OUTER & INNER	BRAND
TE192226D	3500LB	10"	4.50" x 5 x 1/2"	L44649/10 & L68149/11	DEXTER
TE192240UFP	5200LB	12"	5.50" x 6 x 1/2"	LM67048/10 & 25580/20	DEXTER/UFP
TE192240D	6000LB	12"	5.50" x 6 x 1/2"	15123/45 & 25580/20	DEXTER/UFP
TE192243-08	7000LB	12"	6.50" x 8 x 1/2"	14125A / 14276 & 25580/20	DEXTER
TE192243-09	7000LB	12"	6.50" x 8 x 9/16"	14125A/14276 & 25580/20	DEXTER

*No longer available

ELECTRIC BACKPLATES

PART NUMBER	SIZE (INCHES)	PARKBRAKE	BRAND
TE192273L&R	10" x2.25"	No	Dexter
TE192273LP&RP	10" x2.25"	Yes	Dexter
331100H 331101H	10" x2.25"	Yes	Suits Dexter
TE192275L&R	12" x2"	Yes	Dexter (Heavy Duty Magnets)
331300H 331301H	12" x2"	Yes	Suits Dexter
TE192276L&R*	12" x2"	No	Suits Dexter

*No longer available



331100H (right hand) pictured

HYDRAULIC BACKPLATES

PART NUMBER	SIZE (INCHES)	PARKBRAKE	BRAND
TE192272L&R*	10" x2.25"	Yes	
TE192270LC&RC*	12" x2"	Yes	Suits Dexter
TE192270L&R (Duo-servo)	12" x2"	Yes	Dexter Heavy Duty

*No longer available



TE192270LC (left hand) pictured

BRAKE SHOES (Sets of 2)

PART NUMBER	SIZE (INCHES)	TYPE	BRAND
TE192280 (Set of 2)	10" x2.25"	Electric	Dexter
339120 x1 339121 x1	10" x2.25"	Electric	Alko
TE192280C	10" x2.25"	Electric	Suits Dexter
TE192278C*	10' x 2.25"	Hydraulic	Suits Dexter
TE192281	12" x2"	Electric	Dexter
339122 x1 339123 x1	12" x2"	Electric	Suits Dexter
TE192282L&R	12" x2" 7000LB	Hydraulic	Dexter

*No longer available



TE192280C pictured

ELECTRIC MAGNETS

339010
ELECTRIC MAGNET OVAL
 10" with spring & clip



339012
ELECTRIC MAGNET OVAL 12"



TE192293HD
ELECTRIC MAGNET
 12" heavy duty Dexter



BEARING & SEAL KITS

PART NUMBER	AXLE RATING	FITS/SUITS
TE190189-3500	3500lb	Dexter
TE190189-3750	3750lb	UFP
TE190189-5200	5200lb	UFP and some Dexter
TE190189-6000	6000lb	Dexter



FOR MORE COMPREHENSIVE BEARING AND SEAL INFORMATION, PLEASE REFER TO PAGE 110, ALSO SOME INFORMATION PAGE 38.

SEALS

PART NUMBER	TYPE	AXLE RATING	SIZE (OUTER DIA & INNER DIA)	FITS/SUITS
TE192KU3	American hub seal	3500lb	2.56" x 1.72"	
TE192KU3UFP	Hub seal	3500lb	2.56" x 1.68"	Suits UFP axles with s/s wear shroud
TE192KU10	American hub seal	6000lb	3.38" x 2.25"	
TE191UFP32125	Hub seal UFP	5200lb	3.38" x 2.13"	
TE190148-3	Hub seal - marine quality	5200lb - 8000lb		*Contact CM for details
TE190148-4	S/s bushing sleeve			To suit marine seal TE190148-3*

TE192KU3 pictured



* Contact CM for details

CALIPERS & PARTS

TE192UFP33008-9 DISC PAD SET

Suits UFP DB-35K style (2 pads)



TE192UFP41050L - LEFT TE192UFP41050R - RIGHT UFP HYDRAULIC CALIPER ASSY

Zinc plated



OTHER ITEMS
YOU MAY BE
INTERESTED IN ?

DUST CAPS
SEE PAGE 39



WHEEL STUDS
SEE PAGE 40



TROJAN 1500KG DISC ROTOR/HUB

TE19TR610030 225mm Diameter

SG iron zinc plated

Studded 4.50" x 5 x 1/2"

Supplied with bearings, seal & dust cap



TROJAN BOLT-ON DISC ROTOR

TE19TRPT3110 225mm Diameter

SG iron zinc plated

Supplied with cap screws



ALKO 1500KG DISC BRAKE STUB AXLE

143938NZ



CALIPERS

341000

Standard Al-Ko Caliper, suits Trojan

341050

Stainless Steel
AL-KO caliper



DISC BRAKE PADS - SET OF 2 PADS

MK2 TE19TRPT1018

MK3-7 TE19TRPT1020B (Bulk)

TE19TRPT1020 (Blister pack)



MK3-7 Pad pictured

CALIPER SLIDE PIN KIT

341081



ALKO STAINLESS PISTON

341083SS

Suits Trojan Caliper



CALIPER SEAL KITS

MK2 TE19TRPT1017 (2 caliper seal kits)

MK3-7 TE19TRPT1019 (1 caliper seal kit)



TE19TRPT1019 pictured

WHEEL BEARING & SEAL KITS

PLEASE SEE PAGE 109 HUB BEARING & SEAL CHART

