

cmtrailer parts

AN **AL-KO** COMPANY

PRODUCT CATALOGUE 2024



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

www.alko.co.nz

Welcome to our new 2024 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 a section in spare parts for global OEM products on pages 134–137.

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 & operations together under one roof.

A

| | |
|----------------------|----|
| Anti-luce fasteners | 82 |
| Axle beam assemblies | 57 |

B

| | |
|----------------------------|--------------|
| Back-up valve | 18 |
| Bearing and seal ID chart | 109 |
| Bearing buddies | 38 |
| Bearing installation guide | 110 |
| Bearing and seal kits | 37, 109, 137 |
| Boat rollers | 93-96 |
| Body hardware | 81-90 |
| Bonnet catches | 88 |
| Brake actuators | 21-24 |
| Brake controllers | 25 |
| Brake fittings | 16-20 |
| Braked axle sets | 48-53 |
| Brake rule guideline | 45-47 |
| Breakaway kits | 27 |
| Bundy tubing | 16 |

C

| | |
|--------------------------------|------------|
| Calipers | 54 |
| Catches – overcentre | 88 |
| – door | 84-85 |
| Container door locks | 91 |
| Conversion tables: inches / mm | Back cover |
| Convert-a-ball | 5 |
| Corner steadies – underbody | 32 |
| Coupling locks | 91-92 |
| Coupling mounting plates | 10 |
| Couplings | 6-15 |

D

| | |
|----------------------------|---------|
| Dee shackles – mild steel | 81 |
| – safety chain hi-tensile | 5 |
| Disc brakes | 48-53 |
| Dispenser units – showroom | 107-108 |
| Door catches and handles | 84-85 |
| Door holders | 86 |
| Drop axle plates | 37 |
| Drop locks | 84 |
| Drum brakes – hydraulic | 55 |
| – electric | 55 |
| – European mechanical | 53 |
| Dust caps | 38 |

E

| | |
|-----------------------------------|---------|
| Electric brake controllers | 25 |
| Electric brake hardware | 21-27 |
| Electric drum brakes | 55 |
| Electric/hydraulic actuator | 21-24 |
| Electrical – lights, plugs, cable | 97-105 |
| – LED lighting | 100-105 |
| – interfaces | 99 |
| Eye plates | 82 |

F

| | |
|--------------|----|
| Fifth wheels | 15 |
|--------------|----|

G

| | |
|--------------------------|----|
| Gooseneck hitch and ball | 15 |
| Grip clips | 81 |
| Gudgeons | 83 |

H

| | |
|----------------------------|-------|
| Handbrakes | 18 |
| Handles, tee and slam | 84-85 |
| Hinges and gudgeons | 83-84 |
| Hose and fitting kits | 19-20 |
| Hub and axle kits – braked | 51-59 |
| – non-braked | 35-37 |
| Hydraulic brake actuators | 26 |
| Hydraulic tipping hoists | 79-80 |

I

| | |
|--------------------|-------|
| iQ7 Brake Actuator | 21-24 |
|--------------------|-------|

J

| | |
|---------------------------------|-------|
| Jockey wheels, stands and yokes | 28-32 |
| Junction box | 99 |

K

| | |
|-------------------|-------|
| Kitsets – trailer | 77-78 |
|-------------------|-------|

L

| | |
|--------------------------------|---------|
| Lashing rings | 90 |
| Lights – LED tail/marker lamps | 101-104 |
| – light boards | 105 |
| Linch pins | 81 |
| Locks – rod locks | 85 |
| – tee and slam | 84 |

M

| | |
|----------------------------|-------|
| Machinery stands | 30-31 |
| Master cylinders | 11 |
| Mounting plates – coupling | 10 |
| Mudflaps | 72 |
| Mudguards | 73-76 |

O

| | |
|---------------------|-------|
| Over-centre catches | 88 |
| Override couplings | 12-13 |

P

| | |
|-----------------|-------|
| Parking legs | 32 |
| PCD charts | 41-44 |
| Pintle hooks | 14 |
| Poly skid strip | 96 |

Q

| | |
|------------|---|
| Quik-locks | 4 |
|------------|---|

R

| | |
|---------------------------|-------|
| Reflectors | 105 |
| Rego and WOF holders | 86 |
| Reversing valve | 18 |
| Rims | 70-71 |
| Ringfeder and towing eyes | 14 |

R

| | |
|----------------|-------|
| Rod locks | 85 |
| Roof vents | 90 |
| Rollers – boat | 93-96 |
| Rope hooks | 34 |
| Rubber buffers | 89 |

S

| | |
|------------------------------|---------|
| Safety chain and accessories | 5 |
| Security locks | 91-92 |
| SensaBrake AL-KO IQ7 | 21-24 |
| Shaft locking pins | 81 |
| Snub blocks | 96 |
| Spare parts | 111-139 |
| Spare wheel mount | 72 |
| Spring bolts | 87 |
| Spring fittings | 66 |
| Spring sets – single | 58-60 |
| – tandem | 61-66 |
| – triple | 63 |
| Springs – tail door | 89 |
| Stockist index | 140-142 |
| Stud pattern chart | 41-43 |
| Suspension – torsion | 68 |

T

| | |
|--------------------------|-------|
| Tail door springs | 89 |
| Tipping hydraulic hoists | 79-80 |
| Torsion suspensions | 68 |
| Towballs and accessories | 4-5 |
| Towing eyes | 16-17 |
| Trailer couplings | 6-15 |
| Trailer kitsets | 77-78 |
| Trailer locks | 92 |
| Tubing | 16 |
| Tyres | 70 |

U

| | |
|---------------------------|----|
| U-bolts and fittings | 67 |
| Underbody corner steadies | 32 |

V

| | |
|-------|----|
| Vents | 90 |
|-------|----|

W

| | |
|----------------------------------|--------------|
| Warrant holders | 88 |
| Wheel bearing protector | 38 |
| Wheel bearing and seal kits | 37, 109, 137 |
| Wheel bearing and seal ID charts | 109 |
| Wheel locks | 92 |
| Wheel nuts and studs | 39 |
| Wheel nut safety indicators | 40 |
| Wheels and tyres | 69-72 |
| Winches and ropes | 33-34 |
| Wire rope clamps | 81 |
| Wiring diagrams | 106 |
| Wobble rollers and frames | 94-95 |

TOWBALLS & ACCESSORIES **4-5**

| | |
|----------------------------|---|
| Towballs and chrome covers | 4 |
| Quik Lok | 4 |
| Safety chains | 5 |
| Safety shackles | 5 |

COUPLINGS **6-15**

| | |
|------------------------------|-------|
| Non-braked couplings | 6-10 |
| Master cylinders | 11 |
| Braked couplings | 12-13 |
| Towing eyes and pintle hooks | 14 |
| Fifth wheels and goosenecks | 15 |

BRAKE FITTINGS **16-20**

| | |
|------------------|-------|
| Hose kits | 16 |
| Tubing | 16 |
| Brake fittings | 16-20 |
| Handbrake levers | 18 |

BRAKE CONTROL & ACCESSORIES **21-27**

| | |
|----------------------------|-------|
| Brake actuators | 21-24 |
| Electric brake controllers | 25 |
| Brakeaway kits | 27 |

JOCKEY WHEELS & STANDS **28-32**

| | |
|------------------|-------|
| Jockey wheels | 28-29 |
| Machinery stands | 30-31 |
| Electric jack | 31 |
| Landing legs | 31 |

WINCHES & WIRES **33-34**

| | |
|------------------------|----|
| Boat winches | 33 |
| Winch ropes and straps | 34 |

HUBS & STUBS NON-BRAKED **35-47**

| | |
|---------------------------------------|-------|
| Hub & stub axle kits | 35-37 |
| Drop plates and Bearing and seal kits | 37 |
| Dust caps and bearing buddies | 38 |
| Wheel studs, nuts and indicators | 39-40 |
| PCD wheel fitment chart | 42 |
| Brake rule guidelines | 43 |

BRAKES - DISC & DRUM **48-57**

| | |
|--------------------------|-------|
| Disc brakes and calipers | 48-53 |
| Drum brakes | 55-56 |
| Axle beam assemblies | 57 |

SPRINGS & SUSPENSIONS **58-68**

| | |
|----------------------------------|-------|
| Eye-slipper spring sets | 58-60 |
| Eye-eye spring sets and fittings | 61-66 |
| U-bolts | 67 |
| Torsion suspensions | 68 |

WHEEL & TYRE **69-72**

| | |
|----------------------------------|----|
| Steel wheel and tyre assemblies | 69 |
| Steel rims, tyres | 70 |
| Alloy wheels and tyre assemblies | 71 |
| Spare wheel mounts | 72 |
| Mud flaps | 72 |

MUDGUARDS 73-76

| | |
|------------------|-------|
| Single mudguards | 73-74 |
| Tandem mudguards | 75-76 |

TRAILER KITS 77-78

| | |
|------------------|----|
| Single axle kits | 77 |
| Tandem axle kits | 78 |

HYDRAULIC TIPPING HOISTS 79-80

| | |
|------------------------|-------|
| Tipping kits and parts | 79-80 |
|------------------------|-------|

BODY HARDWARE 81-90

| | |
|--------------------------------------|-------|
| Anti-loss, lynch pins, shackles | 81-82 |
| Hinges and gudgeons | 83-84 |
| Door catches and handles | 84-85 |
| Spring bolts and latches | 87-88 |
| Tail door springs and rubber buffers | 89 |
| Lashing rings | 90 |
| Roof vents and toolboxes | 90 |

SECURITY 91-92

| | |
|----------------|----|
| Coupling locks | 91 |
| Wheel locks | 92 |

BOAT ROLLERS 93-96

| | |
|-------------------------------|-------|
| Boat rollers, pins and frames | 93-94 |
| Wobble roller kits | 95 |
| Snub blocks and skid strip | 96 |

LIGHTING & ELECTRICAL 97-105

| | |
|-----------------------------------|---------|
| Plugs, sockets and wiring looms | 97 |
| Lighting interfaces and resistors | 99 |
| Cable and accessories | 99 |
| Led tail lamps and markers | 100-102 |
| LED interior lamps | 103 |
| Bulbs - incandescent lamps | 104 |
| Reflectors | 105 |

GUIDES & MERCHANDISING 106-110

| | |
|---------------------------|---------|
| Trailer wiring diagram | 106 |
| Stockist dispenser stands | 107-108 |
| Bearing and seal chart | 109 |
| Bearing maintenance guide | 110 |

SPARE PARTS 111-139

| | |
|--------------------------------------|---------|
| Couplings | 112-116 |
| Drum brake hose kits | 117 |
| Hub and stub | 118-119 |
| Hydraulic disc brakes | 120-122 |
| Hydraulic calipers | 123-124 |
| Drum brakes | 125-126 |
| Brake disc pads and shoes | 127-129 |
| Replacement springs, rockers, bushes | 130-133 |
| American trailer spare parts | 134-137 |
| Trojan spare parts | 138-139 |

STOCKISTS 140-142

| | |
|--------------|---------|
| North Island | 140-141 |
| South Island | 142 |

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 | 1 $\frac{7}{8}$ " | $\frac{3}{4}$ " UNF | 44mm | Chrome | 2000kg |
| TE15TB178AZ | TE15TB178AZB | | $\frac{3}{4}$ " UNF | 44mm | Zinc | 2000kg |
| TE15TB178C | | | $\frac{3}{4}$ " UNF | 65mm | Chrome | 2000kg |
| TE15TB178E | | | $\frac{7}{8}$ " UNF | 65mm | Chrome | 3500kg |
| TE15TB178H | TE15TB178HB | | 1" UNF | 65mm | Chrome | 3500kg |
| TE15TB50A | | 50mm | $\frac{3}{4}$ " UNF | 44mm | Chrome | 2000kg |
| TE15TB50E | | | $\frac{7}{8}$ " 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.

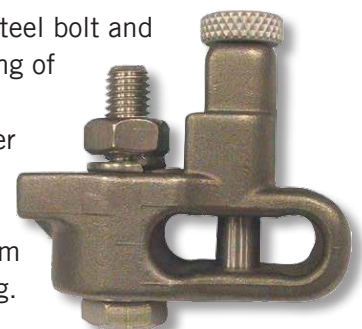
| PART NO | SIZE | SHANK DIAMETER | SHANK LENGTH TO LINCH PIN |
|-----------|-------------------|-----------------|---------------------------|
| TE15TB788 | 1 $\frac{7}{8}$ " | $\frac{7}{8}$ " | 150mm |
| TE15TB789 | 1 $\frac{7}{8}$ " | 1" | 150mm |
| TE15TB790 | 50mm | $\frac{7}{8}$ " | 150mm |

***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.



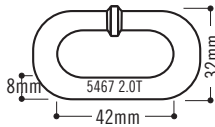
8MM TRAILER SAFETY CHAIN & SHACKLE

TE12M81

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



| 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.

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.

HI-TENSILE D SHACKLE 11MM

TE12M90

TE12M90P (blister pack)

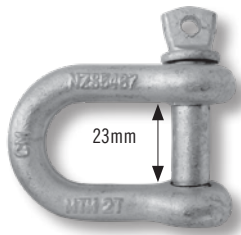
New wider opening 23mm

Capacity 2000kg

Destruction tested to 6500kg

Marked NZS5467 & MTM2T

Test certificate available



1 x $\frac{3}{8}$ " stainless steel shackle with captive anti-loss pin, rated @2.5 tonne (TE12M85)

1 x anti-loss insert

1 x mounting washer



NO MORE LOST OR STOLEN SHACKLES

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

$\frac{3}{8}$ " STAINLESS STEEL SHACKLE (WITH CAPTIVE ANTI-LOSS PIN)

TE12M85 /

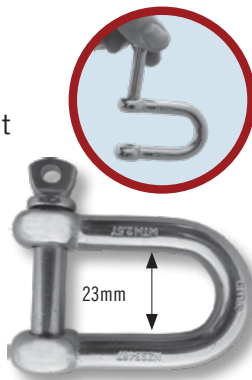
TE12M85P (blister pack)

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 ($\frac{7}{8}$ ") 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.



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.



(Chain not included)

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

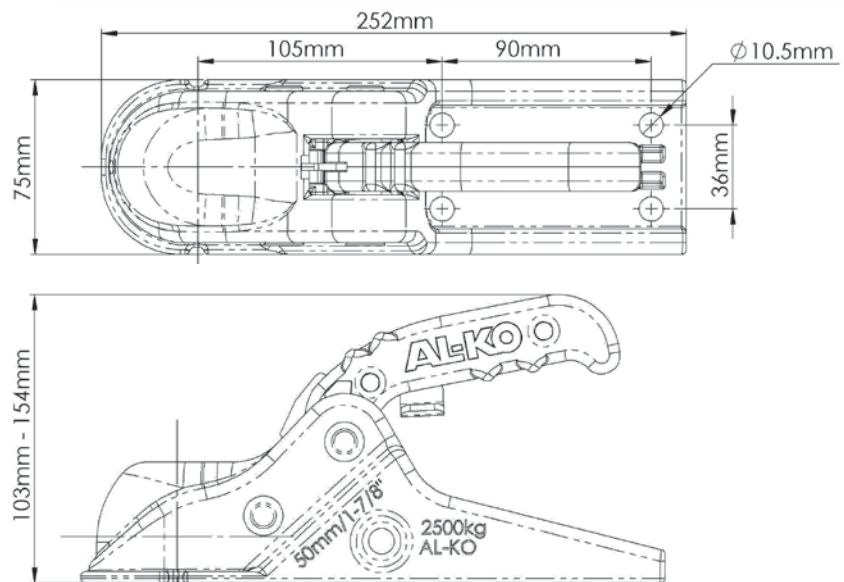
Capacity: 2500kg

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.

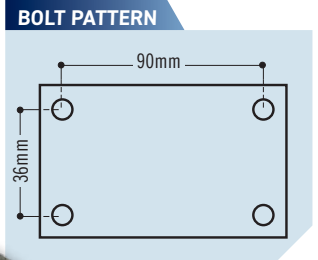
EASY UNLOCKING

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

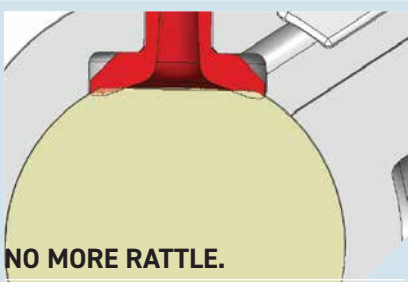
TESTED AND CERTIFIED: meets and exceeds the 2T loading specification of NZS5232:1993, even tested at load ratings of 2.5T

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



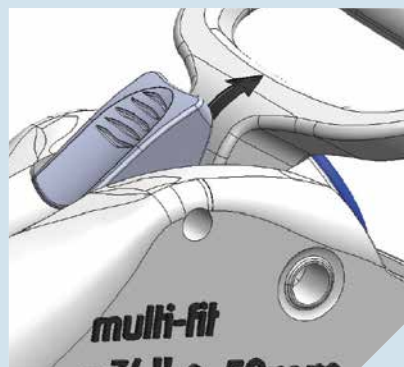
QUALITY

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



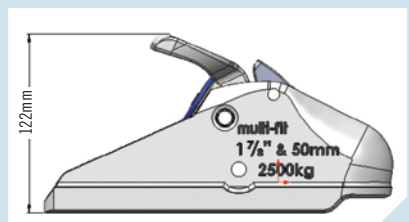
NO MORE RATTLE.

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.



LOW HEIGHT

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



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

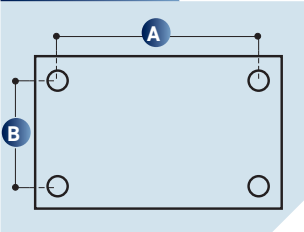
No Locking Pins - simply drop the plunger down

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

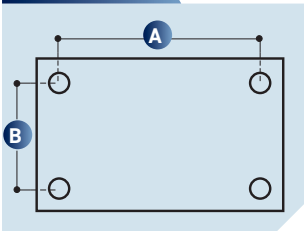
1⁷/₈" CAPACITY 2000KG

614755

50MM CAPACITY 2000KG

Replacement lock pin kit TE19TRPT1025

BOLT PATTERN



614770 pictured

| 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 |

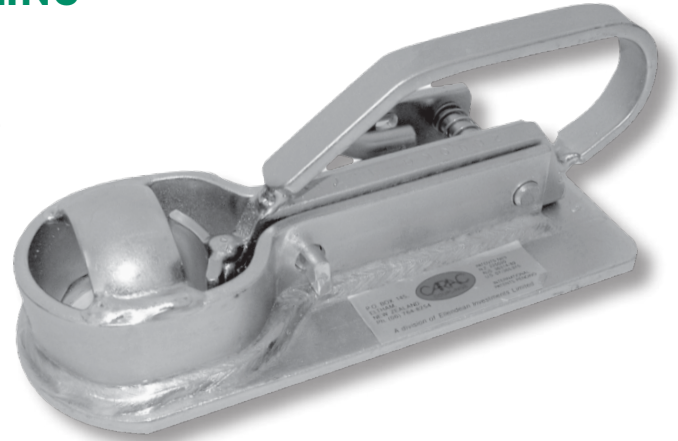
MILD STEEL FABRICATED COUPLING

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



MILD STEEL FABRICATED COUPLINGS - ROAD LEGAL

TE4C832

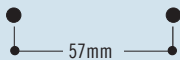
1 7/8" pressed steel trailer coupling suitable for the smaller trailer.

Suits 50mm RHS box section.

900kg capacity.



BOLT PATTERN

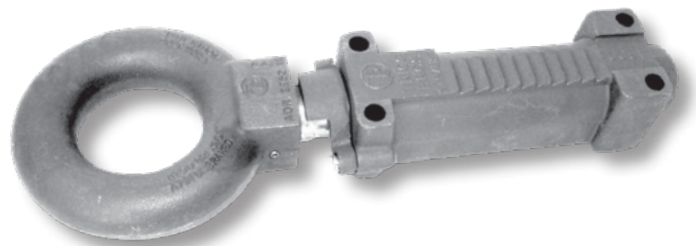


75MM RING OVERRIDE COUPLING

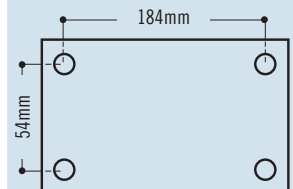
The head rotates through 360°.

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.



BOLT PATTERN



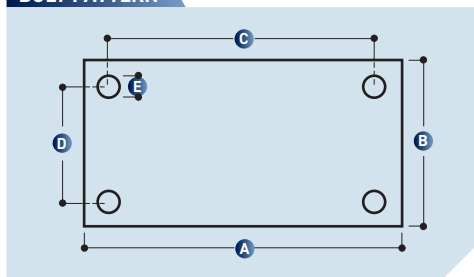
| PART NO | SIZE | CAPACITY | FINISH |
|---|--------------------|----------|--|
| TE4C795HD One-piece forged head and mainshaft | 75mm ring diameter | 2500kg | Zinc plated body, self-colour head/shaft |

COUPLING MOUNTING PLATES

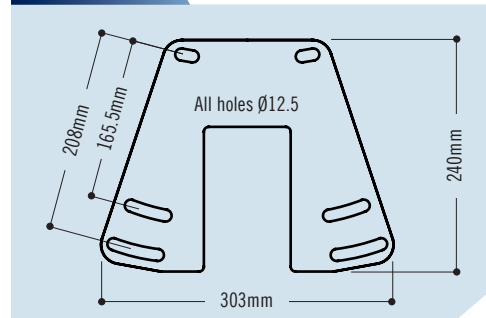
CM stock a range of trailer coupling mounting plates to suit override, electric, plunger and lever couplings.



BOLT PATTERN



BOLT PATTERN



| 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 |

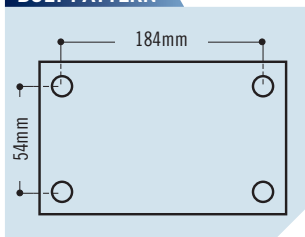
HEAVY DUTY TRAILER COUPLINGS

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

With Handbrake



BOLT PATTERN



Without Handbrake



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 1 7/8" and 50mm

| PART NO | SIZE | CAPACITY | WITH HANDBRAKE LEVER | FINISH |
|----------|--------|----------|----------------------|-------------|
| TE4C898Z | 1 7/8" | 3500kg | Yes | Zinc Plated |
| 614015 | 50mm | 3500kg | No | Zinc Plated |
| 614010PL | 50mm | 3500kg | Yes | Zinc Plated |

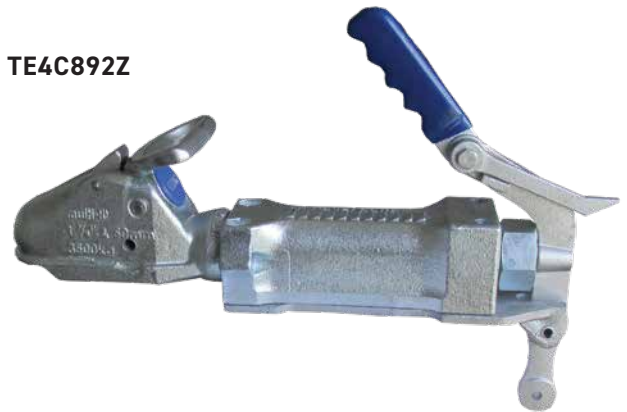
MULTI-FIT 3500KG TRAILER COUPLING

Automatically adjusts 50mm-1 $\frac{7}{8}$ "



TE4C891Z

TE4C892Z



| PART NO | CAPACITY | HANDBRAKE LEVER | FINISH |
|----------|----------|-----------------|-----------------|
| TE4C891Z | 3500kg | No | Dacromet coated |
| TE4C892Z | 3500kg | Yes | Dacromet coated |

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 & close, thus minimising the risk of damage

Easier and quicker to install



313001 - 3/4"
TE194437P BLISTER PACK
313007 - 7/8"



TE194440 - 3/4" Cap
313008 - 7/8" Cap



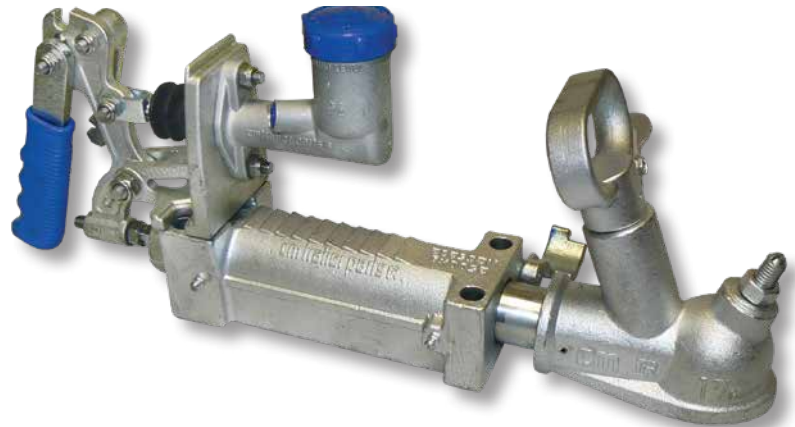
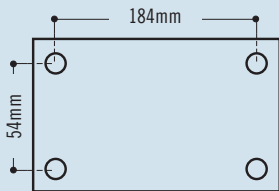
| PART NO | QTY PER PACK | BORE DIA. | SIDE PORT |
|-----------|--------------|-----------|-----------|
| TE194436 | | 3/4" | ✓ |
| TE194436P | 1 | 3/4" | ✓ |
| 313001 | | 3/4" | |
| TE194437P | 1 | 3/4" | |
| 313007 | | 7/8" | |

HYDRAULIC OVERRIDE COUPLINGS

TE4C798Z with 3/4" Master Cylinder

TE4C798Z7/8 with 7/8" Master Cylinder

BOLT PATTERN



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.

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

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

With CM's master cylinder with 5° port entry, the tubing is more compact.



Foldaway handbrake lever



5-tooth precision ratchet



Flexible hoses sit low for a neat and tidy look. See flexible hose kits, page 21



After major FEA research, CM has redesigned the 1040 mainshaft



CM's intuitive folding handle mechanism



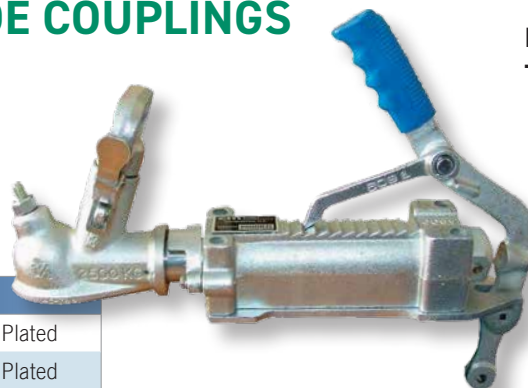
| PART NO | SIZE | CAPACITY | APPLICATION | FOLDING LEVER | FINISH |
|-----------------|--------|----------|---------------------------|---------------|-----------------|
| TE4C798Z | 1 7/8" | 2500kg | Standard: 1251kg - 2500kg | ■ | Dacromet coated |
| TE4C799Z | 50mm | 2500kg | Standard: 1251kg - 2500kg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

MECHANICAL OVERRIDE COUPLINGS

Mechanical override couplings supplied complete with base plate.

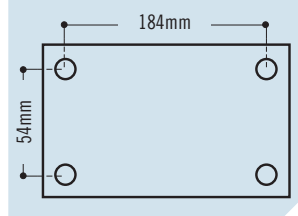
Attractively finished in Dacromet plating.

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



Replacement handbrake lever
TE194457Z

BOLT PATTERN



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

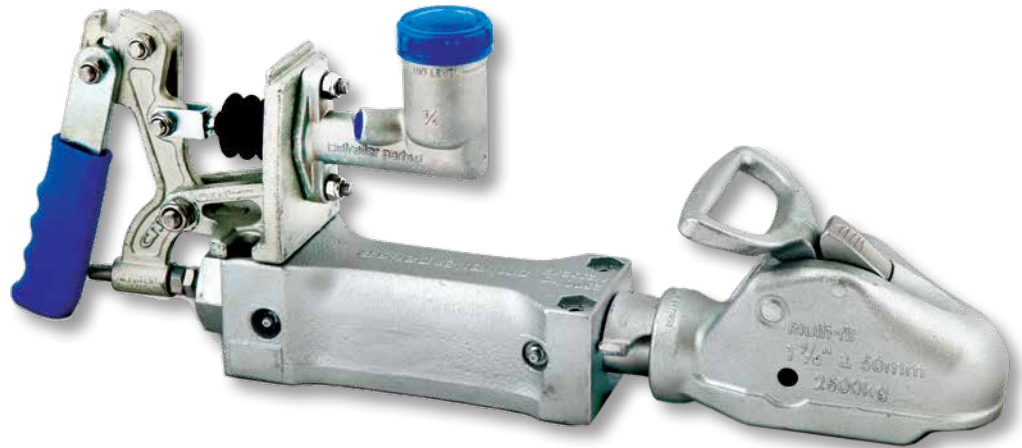
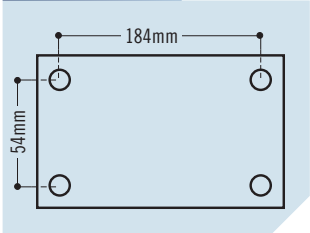
TE4C698Z c/w 3/4" Master Cylinder

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

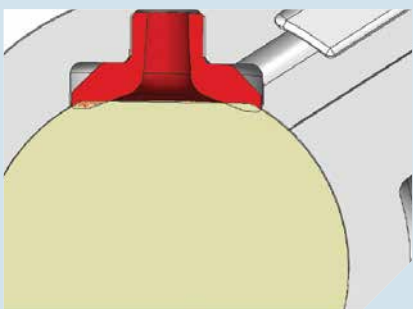
When towing a trailer, the trailer coupling needs to attach securely, every time. CM has conducted extensive R&D to make a safe, strong and simple-to-connect multi-fit coupling.

BOLT PATTERN



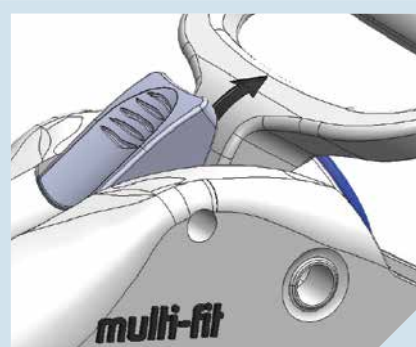
QUALITY

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



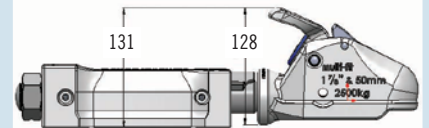
NO MORE RATTLE

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.



LOW HEIGHT

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



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

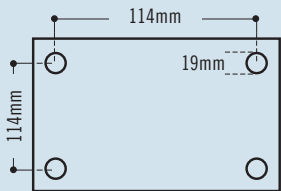


3" TOWING EYE

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



TE4C988

On road: 3500kg capacity

Off road: 10,000kg capacity

Tested and complies
with SAE J684



TE4C989

On road: 27,000kg capacity

Rated to SAE J847



1 7/8" BALL AND PINTLE HOOK

TE4C980

3500kg capacity

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

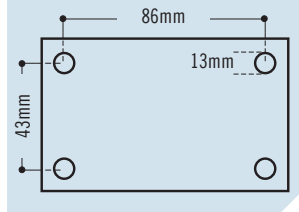
Double locking system.
Lock the hook by fitting
the security pin.

Never use without the
security pin in place.

Tested and complies
with NZS5232:1993
and SAE J684



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 125).
- 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.

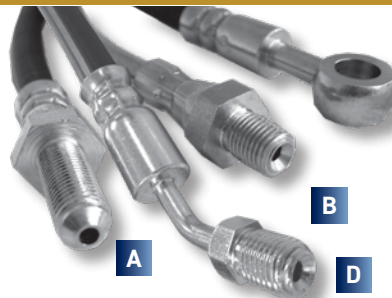
| PART NO | DESCRIPTION | HOSES |
|-----------|--|-------|
| TE5HKJ1 | Disc Brake Single Axle 45° End suits Deemaxx & Kodiak calipers | 2 |
| TE5HKJ1SS | Disc Brake Single Axle 45° with stainless ends | 2 |
| TE5HKJ-2 | Disc Brake Tandem Axle 45° End suits Deemaxx & Kodiak calipers | 4 |
| TE5HKJ2SS | 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 | 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









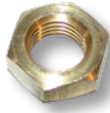


TE5HK1 - 3/16" x 7.6m

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



| | |
|---|---|
|  <p>BRASS 3-WAY TEE 333333 3/8" SAE</p> |  <p>BANJO BOLT TE195HDB 3/8" SAE Banjo Bolt</p> |
|  <p>BRASS 4-WAY CROSS TE195M7024 3/8" SAE</p> |  <p>MASTER CYLINDER ADAPTER/NUT TE195MCA 3/8" SAE Adapter/Nut</p> |
|  <p>3/16" BUNDYTUBE JOINER TE195M6203 3/8" SAE female joiner with male tube nuts</p> |  <p>BRASS OLIVE TE195603 Fits 3/16" tubing</p> |
|  <p>ZINC TUBE NUT 313030 3/8" SAE x 3/4" (l) overall. Fits 3/16" tubing</p> |  <p>COPPER WASHER 319102 10mm inside diameter</p> |
|  <p>ZINC TUBE NUT 313031 3/8" SAE x 9/16" (l) overall. Fits 3/16" tubing</p> |  <p>BRASS LOCK NUT TE195LN Fastens brake hose to chassis bracket. 3/8" SAE</p> |
|  <p>BRASS TUBE NUT TE195BP9 3/8" SAE x 1 1/16" (l) overall. Fits 3/16" tubing</p> |  <p>HOSE BRACKET TE195LB Hose bracket, welds to chassis. Dimensions: 23mm (w) x 40mm (h)</p> |

PLASTIC BUNDY TUBE CHASSIS CLIPS

TE5HB01SS

Stainless steel 3/16" tube clamp

TE5HB01SSP (blister pack of 20)



TE5HB01

Inside diameter: 5mm

Rivet hole: 4.5mm

TE5HB01P (blister pack of 20)



TE5HB02

Inside diameter: 6mm

Rivet hole: 3.5mm



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

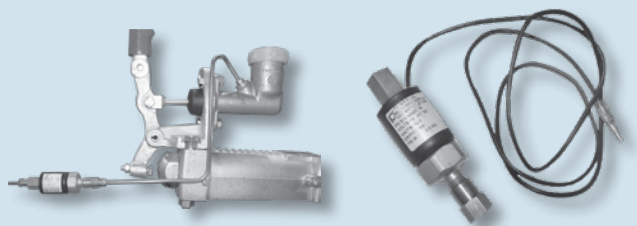
Designed for use in conjunction with override brake systems, this solenoid valve prevents the brakes from locking on when reversing the vehicle. Simply plumbed into the master cylinder brake pipe and

wired into the tow vehicle reversing lights, this normally open valve closes, preventing any line pressure to the brakes.

Easy to install

12 volt

$\frac{3}{16}$ " 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

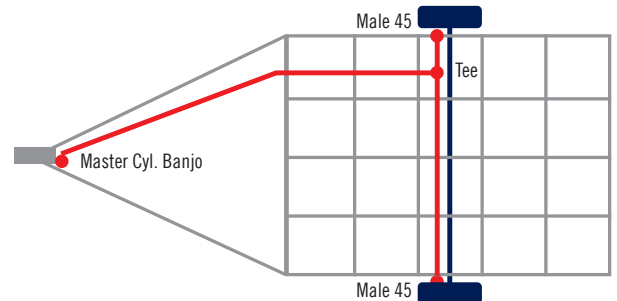
Single or Tandem Axles



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 | 2500mm | Hose | Banjo/Male |

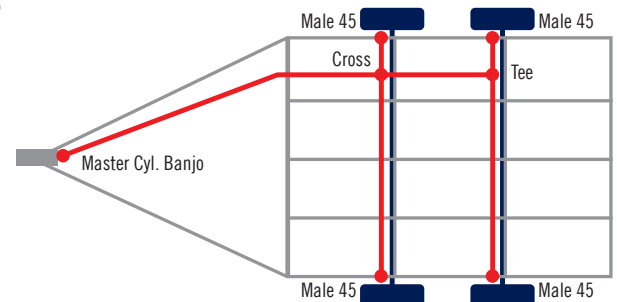


All kits contain

- x1 Single Banjo Bolt
- x2 Copper Washers
- x1 Brass Tee
- x1 600mm Hose - Male/Male 45 deg
- x1 2000mm Hose - Male/Male 45 deg
- Add 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

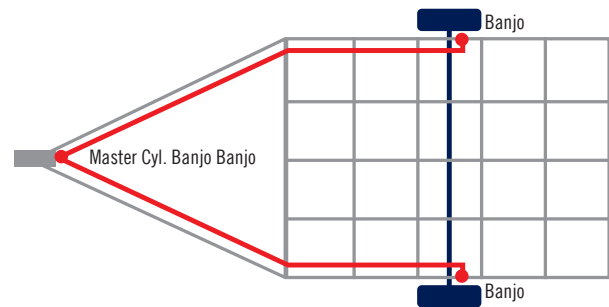
- x1 Single Banjo Bolt
- x2 Copper Washers
- x1 Brass Tee
- x1 Brass Cross
- x2 600mm Hose Male/ Male 45 deg
- x2 2000mm Hose Male/ Male 45 deg
- x1 800mm Extension Hose
- Add x1 Draw Bar hose length to suit

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 |

All kits contain

- x2 Single Banjo Bolt
- x1 Double Banjo Bolt
- x7 Copper Washers
- Add x1 Draw Bar hose length to suit

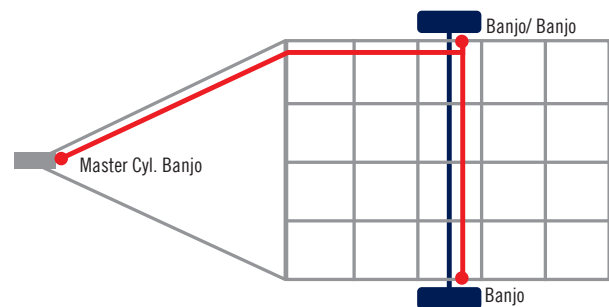


KIT 4 - Single Cross Axle Banjo - Banjo - Banjo

| 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
- x2 Single Banjo Bolt
- x1 Double Banjo Bolt
- x7 Copper Washers
- Add x1 Draw Bar hose length to suit

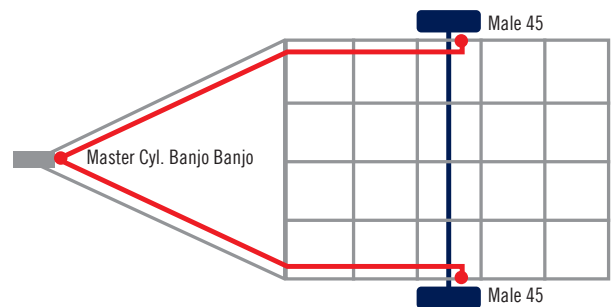


KIT 5 - Single Axle Lines Banjo - M45

| 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
- x3 Copper Washers
- Add x1 Draw Bar hose length to suit



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.



1000PSI model

1400PSI model

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
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.

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. With optional upgrades to include ABS and Load Sensing technologies the 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 an 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 | 350520A |
| 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 | 350520M |
| 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**

The integrated Deutsch plug allows EB2 to be mounted in tighter spaces. CERTIFIED IP67 - EB2 is rugged. The unit is waterproof, shock proof and dust proof. EB2 is built to last. With the intelligence to regulate itself with thermal protection and short circuit protection. 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.

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

**TE195ELBC-EB2****TE195ELEBR
REMOTE**

| ITEM CODE | DESCRIPTION |
|---------------|------------------------------|
| TE195ELTWL | Wiring lead |
| TE195ELA7-7 | 7 pin Male to 7 pin Female |
| TE195ELA12-12 | 12 pin Male to 12 pin Female |

All wiring options come with a prewired Deutsch plug.

HAYES BRAKE CONTROLLERS

Hayes brake controllers are designed and made in the USA. All are 12-volt and are for use with electric drum and electric hydraulic brake systems.

HAYES 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.



HAYES ENDEAVOR

TE5EC81770

Digital Inertia controller.

Handles up to four axles. Display reads current, percent of power, and voltage.

Power boost (turn-on): 15%, 20%, 25%

Lifetime limited warranty. Designed for use with the Quik-Receiver Mounting Sleeve. 12 volt.



**THE PEOPLE'S CHOICE...
SAFE BRAKING AT ITS BEST!**

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 readout 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

TE5EH1600 - 1600 psi actuator

TE5EH1000 - 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 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.



Please contact CM regarding use for COF.

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



TE5EHXLBK 20 AMP

KIT CONSISTS OF:

Breakaway switch

20 amp 12 volt battery and case

Battery & plastic case available separately:
20 amp Battery Part No TE195EH30
Plastic Case Part No TE195EH28



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

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.

JOCKEY WHEELS & STANDS

| 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.

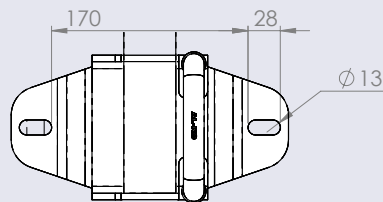
APPLICATIONS
General trailers, boat
trailer and small
horse floats. Best for
maneuvering on solid to
very firm terrain.

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

APPLICATIONS
Large trailers, boat trailer
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.



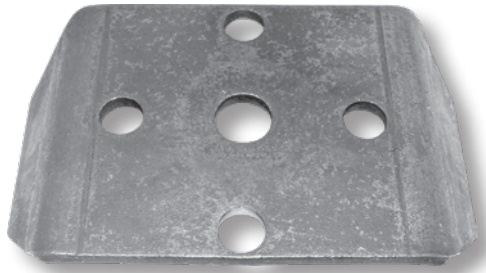
ACCESSORIES AVAILABLE
to suit the CM Premium
range of machinery stands



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 |

BEARING KIT

629602SP

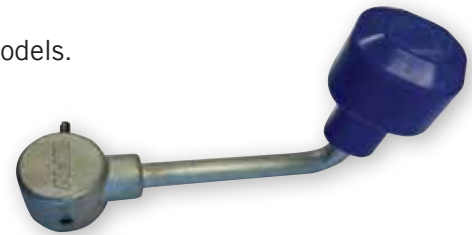
To suit all models.



WINDING HANDLE

628214

To suit all models.

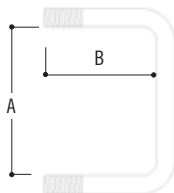


CLAMP KIT

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

JOCKEY WHEELS & STANDS



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 |

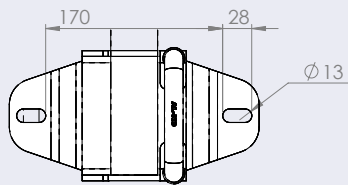
APPLICATIONS
Heavier general use with low chassis or mounting points.

APPLICATIONS
Heavier general use with higher chassis or mounting points.

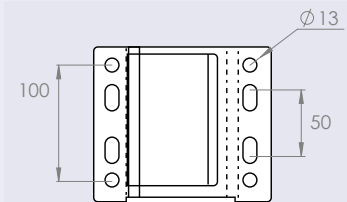
APPLICATIONS
Heavy duty use with higher chassis or mounting points.

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.



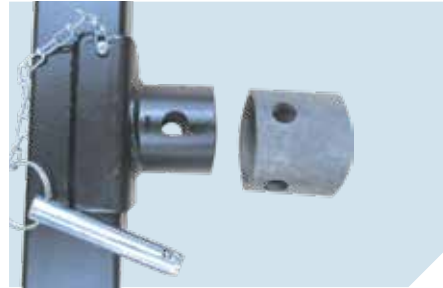
SIDE-WIND MACHINERY STANDS

TE9JW26

65mm SHS.

Extendable foot.

Includes Mounting Bracket and weld-on tube.



Weld-on bracket and weld-on tube also available separately:

TE199M261 Tube

TE199M262 Bracket

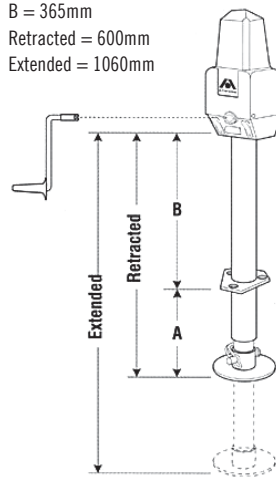
ELECTRIC A-FRAME JACK

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 10mm

**654500G**

Corner steady hex drive 500mm.
No wheel.

Surface Finish: Galvanised
Mounting Type: Top bolt
Mounting Spacing: 750mm x 25
Hole Size: 6mm

**654701G**

Corner steady hex drive 700mm.

Surface Finish: Galvanised
Mounting Type: Top bolt
Mounting Spacing:
750mm x 25mm
Hole Size: 6mm

**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

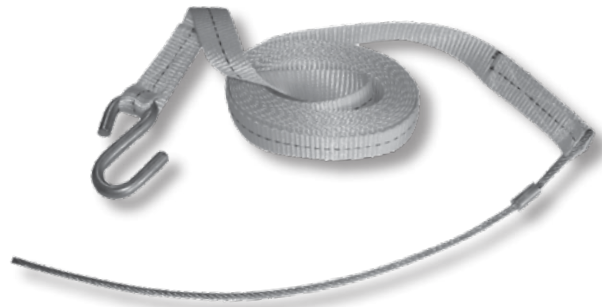
Fitted with Cast Iron Hook & Safety Catch



| 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 |

CAST ROPE HOOK

TE14WWCH

2500kg maximum line pull capacity.



STAINLESS STEEL 'S' HOOK 11MM

TE14WWS

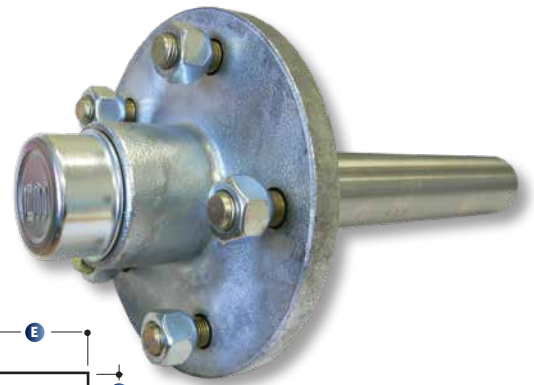
1000kg maximum line pull capacity.



WINCHES & WIRES

CM TRAILER HUBS & STUBS

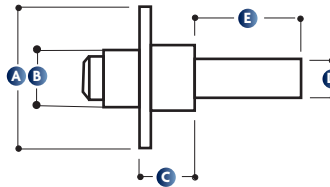
All CM 1000kg, 1500kg, 1750kg, 2000kg and 2750kg trailer hubs have a galvanised finish, maintaining an excellent appearance for many years. CM Hubs are CNC machined from high quality ductile iron castings and are fitted with quality Japanese taper roller bearings.



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 |
| TE1H01500-09G_ _ | 1500kg | 190mm | 56mm | 59mm | 39mm dia | 110mm | 95mm - 150mm |
| TE1H01500-12G_ _ | 1500kg | 190mm | 56mm | 59mm | 39mm dia | 190mm | 95mm - 150mm |
| TE1HS1750-12G_ _ | 1750kg | 150mm | 56mm | 59mm | 45mm dia | 190mm | 95mm - 120mm |
| TE1H01750-12G_ _ | 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" |

* Suits Landcruiser ** 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".

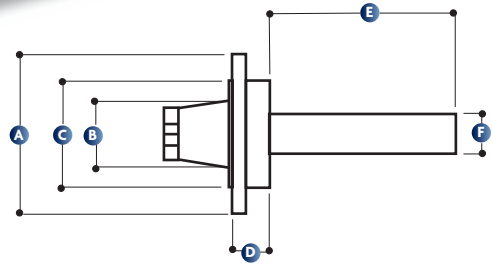
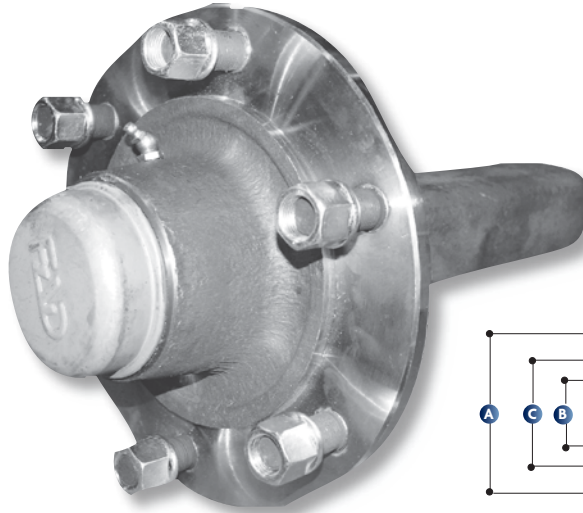
| BLANK | 4 STUD | 5 STUD | 6 STUD |
|----------------------------|-----------------------------|-----------------------------|----------------------------|
| B1 = Blank 5 x 7/16" studs | 41 = 100mm x 4 stud x 7/16" | 51 = 100mm x 5 stud x 7/16" | 68 = 4.50" x 6 stud x 1/2" |
| B2 = Blank 5 x 1/2" studs | 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.

** 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 |

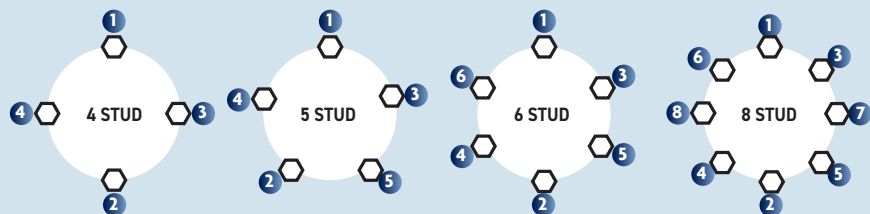
WHEEL NUT TORQUE REQUIREMENTS

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.

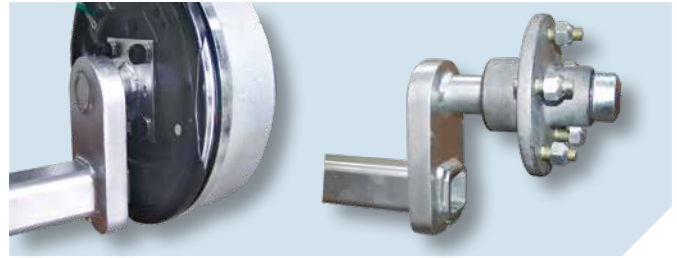
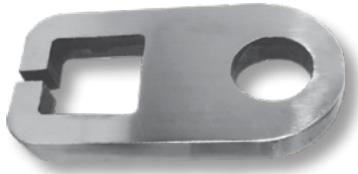


| STUD SIZE | MAX. TORQUE |
|----------------|-----------------------------------|
| 1/2" – 20 UNF | 120 ft lb (steel wheels 85 ft lb) |
| 9/16" – 18 UNF | 170 ft lb |
| 5/8" – 18 UNF | 325 ft lb |

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 |

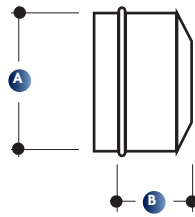
COMMON USA BEARING KITS - ALSO SEE PAGE 109.

| 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" - 2080" | 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 | 3/8UNF | 11/16" | 80° | | |
| TE8WN07 | 7/16UNF | 3/4" | 60° | TE8WN07P | 5 |
| TE8WN08 | 1/2UNF | 13/16" | 60° | TE8WN08P | 5 |
| TE8WN08-0.875 | 1/2UNF | 7/8" | 100° | TE8WN08-0.875P | 5 |
| TE8WN08-1.0 | 1/2UNF | 1" | 100° | TE8WN08-1.0P | 5 |
| TE8WN09 | 9/16UNF | 1" | 83° | TE8WN09P | 5 |
| TE8WN10-1.0 | 5/8UNF | 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° | | |



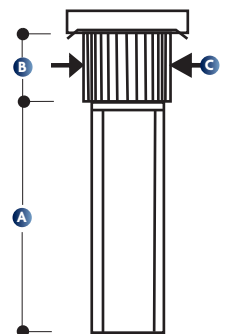
ACORN WHEEL NUTS - CHROME PLATED

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



*M12 x 1.25 Wheel stud sold complete with wheel nut

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

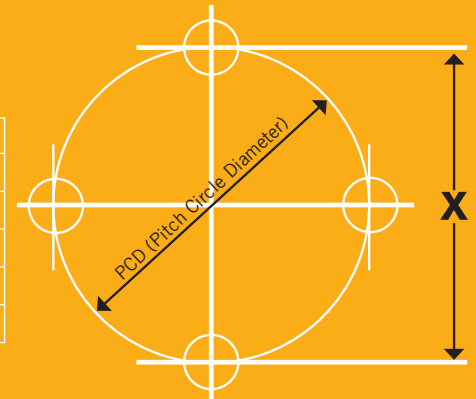
Suits most 1/2 UNF wheel nuts



4 STUD PCD

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

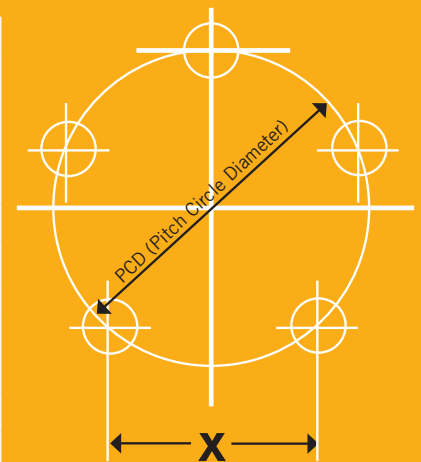
| 'X' IN INCHES | 'X' IN MM | PCD | COMMON WHEELS |
|---------------|-----------|-------|---|
| 3.930 | 100.000 | 100mm | BMW/Honda/Holden Gemini |
| 4.00 | 101.600 | 4" | Mini |
| 4.250 | 108.00 | 4 ¼" | Escort/Cortina |
| 4.330 | 110.00 | 110mm | Daihatsu Charade/ RX Series Mazda |
| 4.500 | 114.300 | 4 ½" | 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 Valient |
| 2.498 | 63.449 | 4 ¼" | Pre HQ Holden & Torana |
| 2.645 | 67.183 | 4 ½" | Zephyr/VJ Valiant/Falcon |
| 2.792 | 70.916 | 4 ¾" | HQ Holden/XJ6 Jaguar |
| 2.939 | 74.650 | 5" | 58PA Vauxhall/Delta |
| 3.233 | 82.118 | 5 ½" | Bronco |
| 3.527 | 89.586 | 6" | |
| 3.820 | 97.028 | 6 ½" | 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.

| 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" | ¾" UNF |
| | Marina | 13" | 4 | 4.25" | 7/16" UNF |
| | Morris Oxford | | 5 | 5" | |
| | Moke | 13" | 4 | 4.0" | ¾" 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 |
| | 1000, 1300 | 12" | 4 | 110mm | 12 x 1.5mm Studs |
| MAZDA | 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 |
| 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" |
| 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.

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

Hydraulic 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

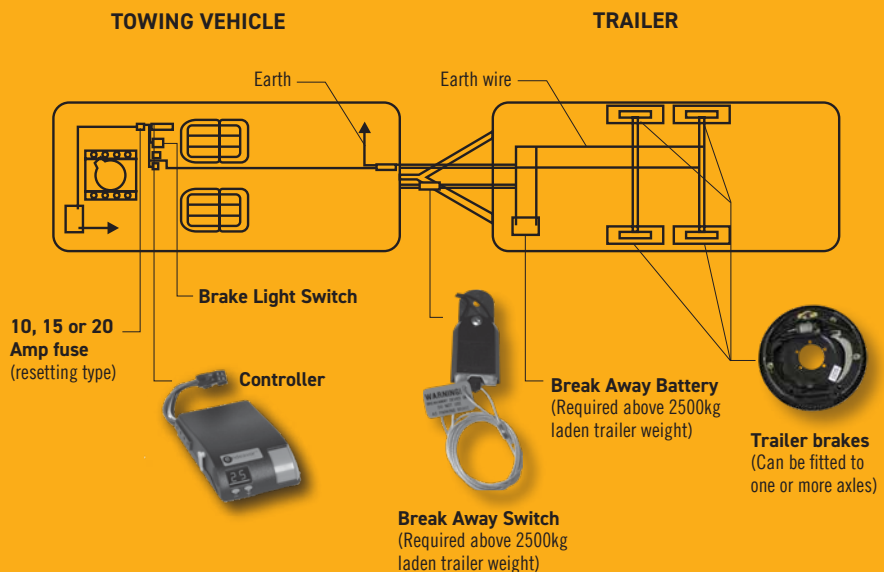
When the towing vehicle's brakes are applied, the brake stop light switch activates the cab-mounted controller, a current is sent back to the drums energising the high capacity electro-magnets, which pull onto the inner face of the brake drum.

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 18).

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-3500KG

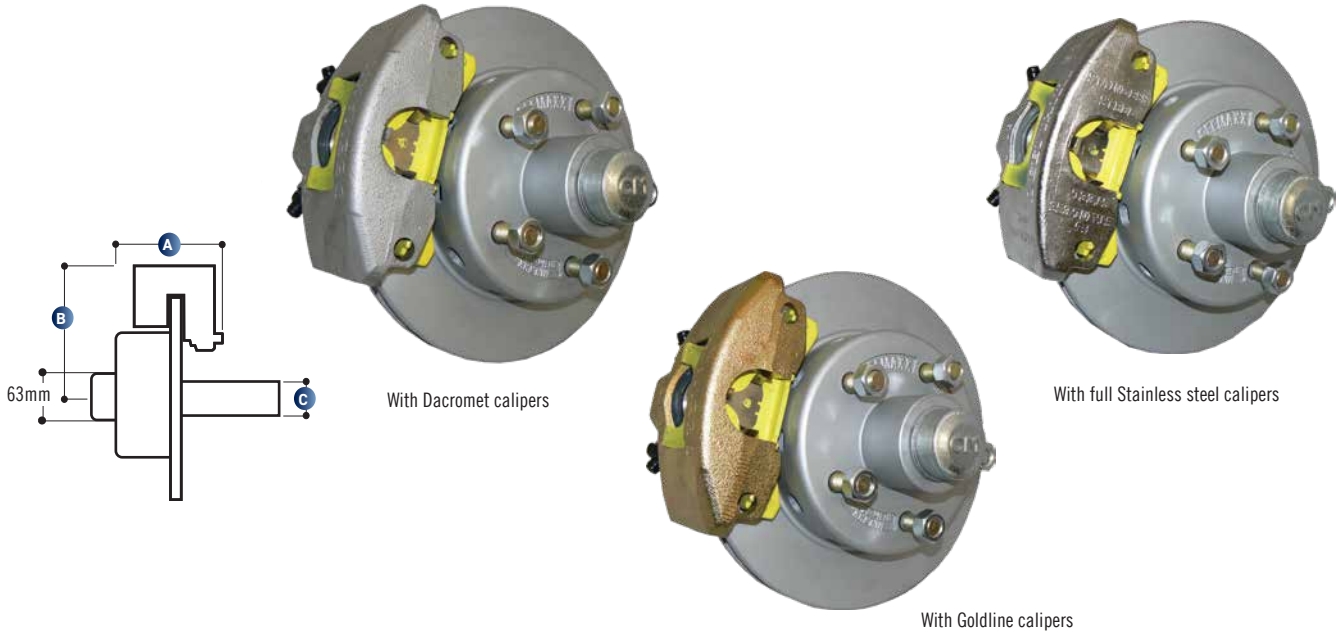
This system is regulated by a dash-mounted, load-adjustable in-cab controller. It allows the use of hydraulic disc brakes but with proportionate and accurate braking control. Is especially suited where a dedicated tow vehicle/trailer combination is acceptable. Listed on pages 26-28.

- 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.



| 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.

UP TO 6 YEAR WARRANTY



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

ROTORS & 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: 2¼", 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 45-47.**

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 16-17



VERRIDE COUPLINGS

SEE PAGES 12-13



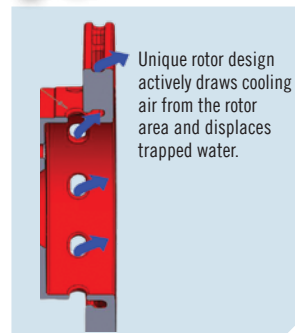
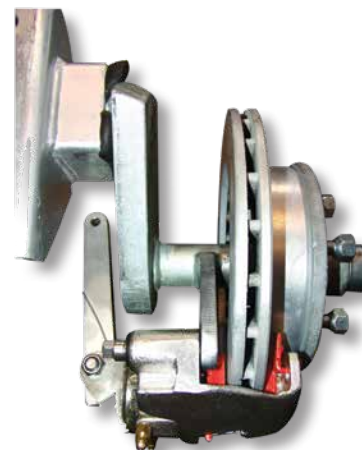
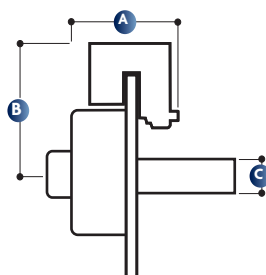
1500KG - 1750KG - 2000KG

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.

FOR CALIPER DETAILS, SEE PAGE 54

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 ¼" | 100-150mm |
| TE2DIHK151 | 1500kg | 158mm | 150mm | 39mm | Dacromet Coated | Dacromet Coated | | 2 ¼" | 100-150mm |
| TE2DIHK151P | 1500kg | 158mm | 150mm | 39mm | Dacromet Coated | Dacromet Coated | ■ | 2 ¼" | 100-150mm |
| TE2DIHK152 | 1500kg | 158mm | 150mm | 39mm | Dacromet Coated | Stainless Steel | | 2 ¼" | 100-150mm |
| TE2DIHK152P | 1500kg | 158mm | 150mm | 39mm | Dacromet Coated | Stainless Steel | ■ | 2 ¼" | 100-150mm |
| TE2DIHK153 | 1500kg | 158mm | 150mm | 39mm | Stainless Steel | Stainless Steel | | 2 ¼" | 100-150mm |
| TE2DIHK153P | 1500kg | 158mm | 150mm | 39mm | Stainless Steel | Stainless Steel | ■ | 2 ¼" | 100-150mm |
| TE2DIHK170 | 1750kg | 158mm | 150mm | 45mm | Dacromet Coated | Gold Line | | 2 ¼" | 100-150mm |
| TE2DIHK171 | 1750kg | 158mm | 150mm | 45mm | Dacromet Coated | Dacromet Coated | | 2 ¼" | 100-150mm |
| TE2DIHK171P | 1750kg | 158mm | 150mm | 45mm | Dacromet Coated | Dacromet Coated | ■ | 2 ¼" | 100-150mm |
| TE2DIHK172 | 1750kg | 158mm | 150mm | 45mm | Dacromet Coated | Stainless Steel | | 2 ¼" | 100-150mm |
| TE2DIHK172P | 1750kg | 158mm | 150mm | 45mm | Dacromet Coated | Stainless Steel | ■ | 2 ¼" | 100-150mm |
| TE2DIHK173 | 1750kg | 158mm | 150mm | 45mm | Stainless Steel | Stainless Steel | | 2 ¼" | 100-150mm |
| TE2DIHK173P | 1750kg | 158mm | 150mm | 45mm | Stainless Steel | Stainless Steel | ■ | 2 ¼" | 100-150mm |
| TE2DIHK200 | 2000kg | 158mm | 150mm | 50mm | Dacromet Coated | Gold Line | | 2 ¼" | 108-150mm |
| TE2DIHK201 | 2000kg | 158mm | 150mm | 50mm | Dacromet Coated | Dacromet Coated | | 2 ¼" | 108-150mm |
| TE2DIHK201P | 2000kg | 158mm | 150mm | 50mm | Dacromet Coated | Dacromet Coated | ■ | 2 ¼" | 108-150mm |
| TE2DIHK202 | 2000kg | 158mm | 150mm | 50mm | Dacromet Coated | Stainless Steel | | 2 ¼" | 108-150mm |
| TE2DIHK202P | 2000kg | 158mm | 150mm | 50mm | Dacromet Coated | Stainless Steel | ■ | 2 ¼" | 108-150mm |
| TE2DIHK203 | 2000kg | 158mm | 150mm | 50mm | Stainless Steel | Stainless Steel | | 2 ¼" | 108-150mm |
| TE2DIHK203P | 2000kg | 158mm | 150mm | 50mm | Stainless Steel | Stainless Steel | ■ | 2 ¼" | 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

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

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.

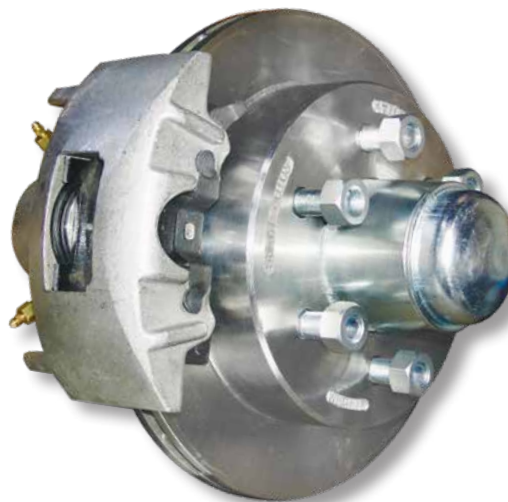
Ceramic pads - improve performance, plus 50% - 100% longer pad life.

Talk to our staff about our range of mechanical park brake options, required for trailers over 2500kg.

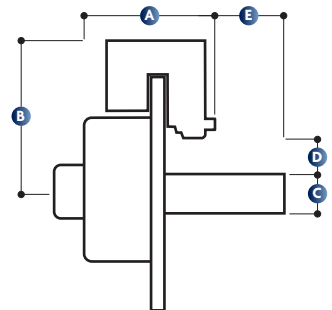
Fits 15" and 16" - 5.50" (140mm) PCD.



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 ¼" | | |
| TE2DIHK251P | 2750kg | 156mm | 170mm | 64mm | 45mm | 165mm | Dacromet Coated | Dacromet Coated | 2 ¼" | ■ | 5 ½" (140mm) 6 Stud" |
| TE2DIHK252 | 2750kg | 156mm | 170mm | 64mm | 45mm | 165mm | Dacromet Coated | Stainless Steel | 2 ¼" | | |
| TE2DIHK252P | 2750kg | 156mm | 170mm | 64mm | 45mm | 165mm | Dacromet Coated | Stainless Steel | 2 ¼" | ■ | |
| TE2DIHK253 | 2750kg | 156mm | 170mm | 64mm | 45mm | 165mm | Stainless Steel | Stainless Steel | 2 ¼" | | |
| TE2DIHK253P | 2750kg | 156mm | 170mm | 64mm | 45mm | 165mm | Stainless Steel | Stainless Steel | 2 ¼" | ■ | |
| TE2DIHK351 | 3500kg | 162mm | 179mm | 63.5mm | 45mm | 160mm | Dacromet Coated | Dacromet Coated | 2 ½" | 5 ½" (140mm) 6 Stud" | |
| TE2DIHK352 | 3500kg | 162mm | 179mm | 63.5mm | 45mm | 160mm | Dacromet Coated | Stainless Steel | 2 ½" | | |
| TE2DIHK353 | 3500kg | 162mm | 179mm | 63.5mm | 45mm | 160mm | Stainless Steel | Stainless Steel | 2 ½" | | |

MECHANICAL PARK BRAKE KIT

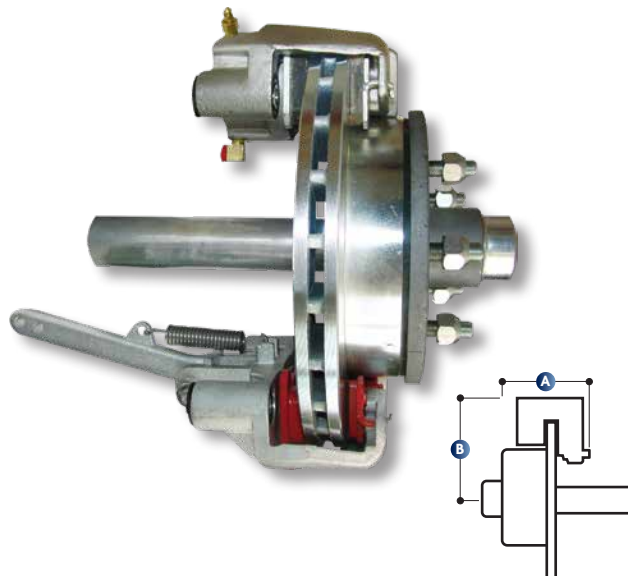
A mechanical park brake is required by law for trailers over 2500kg GLW – **SEE PAGES 45-47.**

CM stock park brake kits for 3500kg hydraulic disc brake sets using the mechanical calipers.

MECHANICAL PARK BRAKE KIT CONSISTS OF:

2 x Calipers with ceramic disc pads and mounting bolts;

Twin caliper mounts are standard on 3500kg axles



| PARK BRAKE KIT PART NO | FITS | A | B |
|------------------------|--------|-------|-------|
| TE2PBK35 | 3500kg | 162mm | 179mm |

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

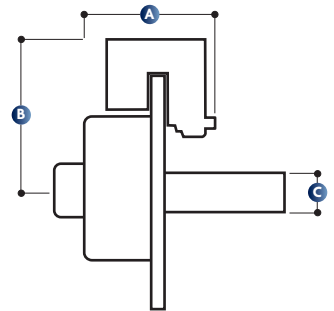
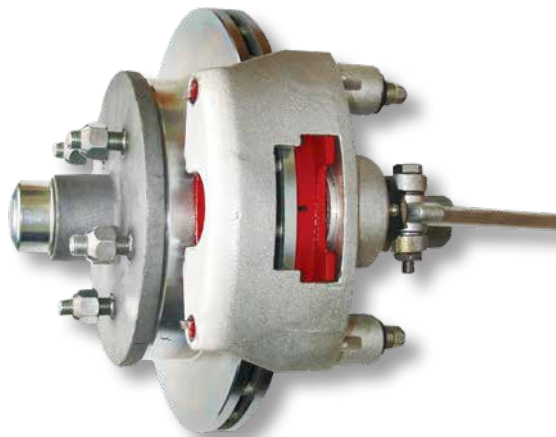


TE2HRCM12SCAD half set pictured

| 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 | |

MECHANICAL VENTED DISC BRAKES

CM mechanical disc brakes are a simple means of trailer braking.



ONE PIECE HUB ROTOR TYPE

| PART NO | CAPACITY PER PAIR | A | B | C | 11" ROTOR | CALIPERS | PCD Min-Max (mm) |
|-------------|-------------------|-------|-------|------|-----------------|-----------------|---------------------|
| TE2DIMD151 | 1500kg | 155mm | 145mm | 39mm | Dacromet Coated | Dacromet Coated | 110-120mm |
| TE2DIMD151F | 1500kg | 155mm | 145mm | 39mm | Dacromet Coated | Dacromet Coated | 4.50" x 5 x 1/2" |
| TE2DIMD171 | 1750kg | 158mm | 150mm | 45mm | Dacromet Coated | Dacromet Coated | 110-120mm |
| TE2DIMD171F | 1750kg | 158mm | 150mm | 45mm | Dacromet Coated | Dacromet Coated | 4.50" x 5 x 1/2" |

TWO PIECE HUB ROTOR TYPE

| PART NO | CAPACITY PER PAIR | A | B | C | 11" ROTOR | CALIPERS | PCD Min-Max (mm) |
|------------|-------------------|-------|-------|------|-----------------|-----------------|---------------------|
| TE2DIMK151 | 1500kg | 158mm | 150mm | 39mm | Dacromet Coated | Dacromet Coated | 110-140mm |
| TE2DIMK154 | 1500kg | 158mm | 150mm | 39mm | Stainless Steel | Dacromet Coated | 110-140mm |
| TE2DIMK171 | 1750kg | 158mm | 150mm | 45mm | Dacromet Coated | Dacromet Coated | 110-140mm |
| TE2DIMK174 | 1750kg | 158mm | 150mm | 45mm | Stainless Steel | Dacromet Coated | 110-140mm |
| TE2DIMK201 | 2000kg | 158mm | 150mm | 50mm | Dacromet Coated | Dacromet Coated | 110-140mm |
| TE2DIMK204 | 2000kg | 158mm | 150mm | 50mm | Stainless Steel | Dacromet Coated | 110-140mm |

DEEMAXX & KODIAK 2¼" AND 2½" 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 | 2¼" | Gold Line | 1500kg, 1750kg, |
| TE192KDBC225 | 2¼" | Dacromet Coated | 2000kg and 2750kg |
| TE192KDBC225SS | 2¼" | Stainless Steel | brakes |
| TE192KDBC250 | 2½" | Dacromet Coated | 3500kg brakes |
| TE192KDBC250SS | 2½" | Stainless Steel | |



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

INTEGRAL HYDRAULIC PARK BRAKE CALIPER 2¼"

TE192KDBC225SSPB (Stainless Steel)
TE192KDBC225HYPB (Cast Iron with Dacromet finish)

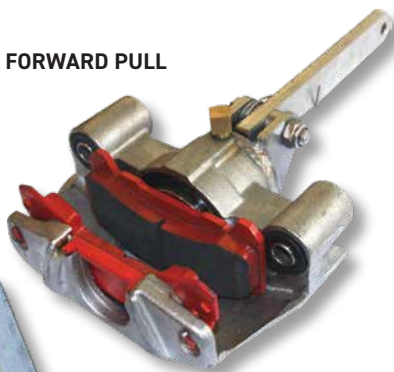
CM 2.25" caliper with an integrated mechanical park brake

Available as centre pull or forward pull

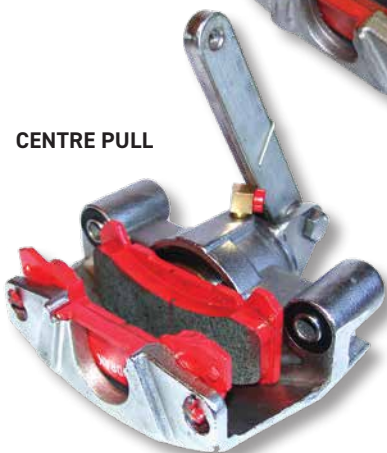
Used on trailers over 2500kg where a mechanical park brake is required by law

For use with CM 1500kg/1750kg/ 2000kg and 2750kg disc brake sets

FORWARD PULL



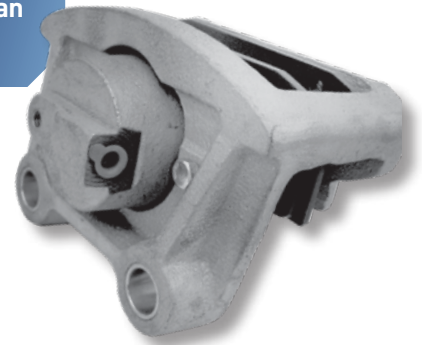
CENTRE PULL



REPLACEMENT HYDRAULIC CALIPERS

TE192246

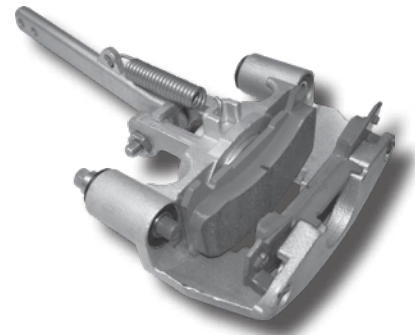
Trigg style Australian design caliper



MECHANICAL CALIPERS

TE192KDBC225PB

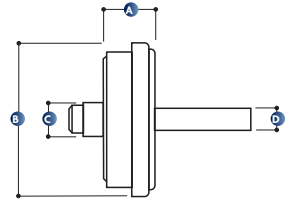
You can purchase loose mechanical calipers as a spare part.



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" |
| TE2DRH1750P | 1750kg | Yes | 10" x 2.25" | 87mm | 274mm | 61mm | 45mm | 100mm-180mm |
| TE2DRH1750PF | 1750kg | Yes | 10" x 2.25" | 87mm | 274mm | 61mm | 45mm | 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.

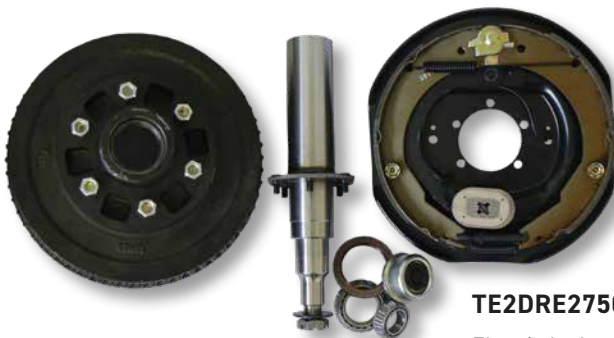
ELECTRIC DRUM BRAKES

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.

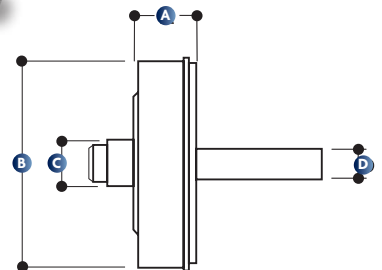


1500kg and
1750kg/pr



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

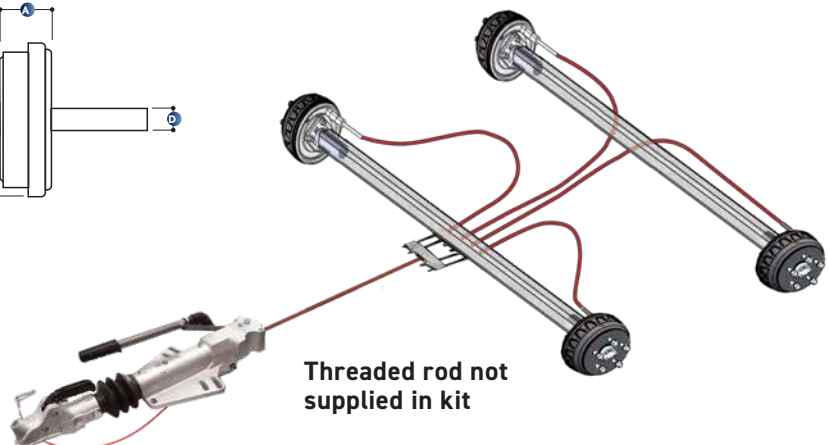
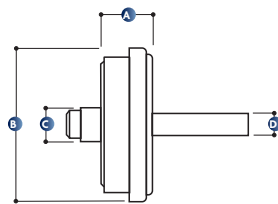
Weld-in stub axle

Equaliser and four connecting brake cables



TE4MPEU

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



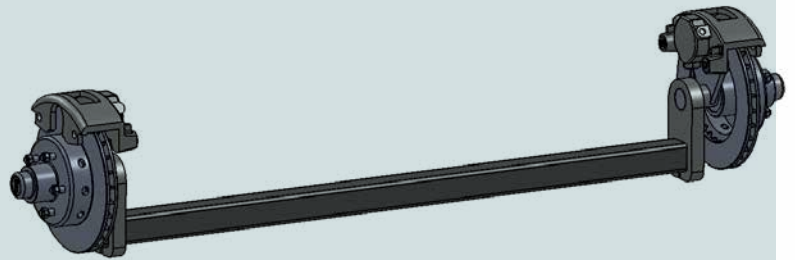
TANDEM AXLE

| PART NO | CAPACITY PER SET | COUPLING SIZE | BRAKES | A | B | C | D (DIAMETER) | PCD |
|---------|------------------|---------------|------------|-------|-------|-----------|--------------|-----------|
| TEKEU35 | 3500kg | 17/8" | 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.

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



- AXLE STYLE OPTIONS:**
- Straight Axle
 - Drop Axle
 - Gull Wing Axle

- FINISH OPTIONS:**
- Hot Dip Galv
 - Duragalv
 - Black/Self Colour

AXLE BEAM ORDER FORM

COMPANY _____

PHONE _____

CONTACT _____

ORDER # _____

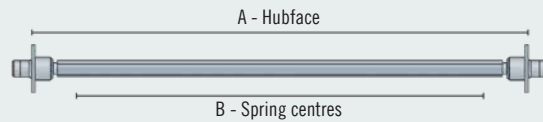
This order for manufactured axles constitutes acceptance by the Customer that the measurements provided here by the Customer to CM Trailer Parts are correct and the Customer accepts that the finished product, made to these specifications are non-returnable and due for payment under the CM Trailer Parts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

CUSTOMER SIGNATURE _____

DATE _____

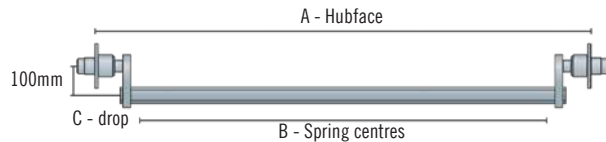
STRAIGHT AXLE

QUANTITY REQUIRED



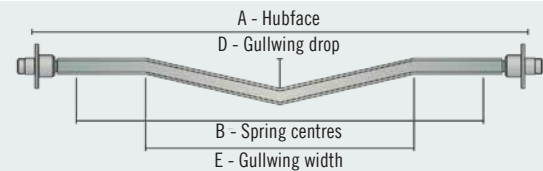
DROP AXLE

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

OR FREEFAX TO 0800 933 393

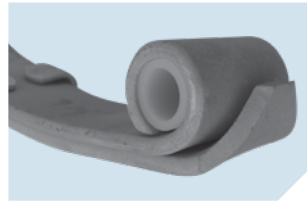
OFFICE USE ONLY

PART NUMBER:..... INVOICE NUMBER:.....

BRAKES - DISC & DRUM

MULTI-LEAF SPRINGS

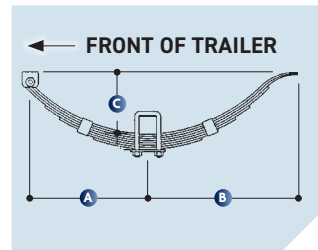
These multi leaf spring selection depicts our most popular range of trailer springs, choose from either painted or Dacromet finishes. Dacromet is ideal for marine applications.



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

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 <td 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 | TE7I1750K | 7 x 6mm | 1750kg | 282mm | 335mm | 110mm | 50mm |



U-Bolt Kit sold separately

* 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 | TE7G1750K | 8 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.



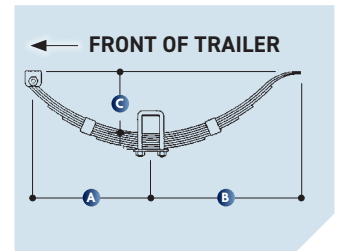
KITS CONSIST OF:

- 1pr leaf springs
- Shackles
- Shackle bolts & nuts
- Slippers
- U Bolt kit



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

LONG SERIES MULTI-LEAF SPRINGS

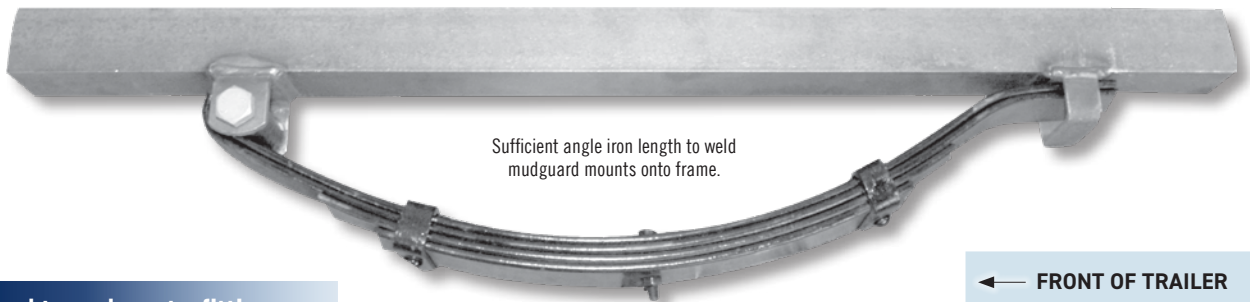


U-Bolt Kit sold separately

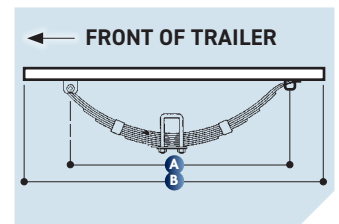
SELF COLOUR

| 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



Sufficient angle iron length to weld mudguard mounts onto 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 | Self Colour |
| TE7I0750-F | 580mm | 880mm | 50mm x 50mm | Self Colour |
| TE7I1000-F | 580mm | 880mm | 50mm x 50mm | Self Colour |
| TE7I1250-F | 580mm | 880mm | 50mm x 50mm | Self Colour |
| TE7I1500-F | 580mm | 880mm | 50mm x 50mm | Self Colour |
| TE7I1750-F | 580mm | 880mm | 50mm x 50mm | Self Colour |

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 |

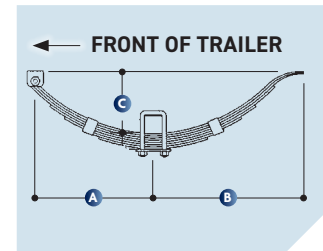
Note: Spring specifications are subject to change without prior notification.

45MM WIDE SPRING



PAINTED

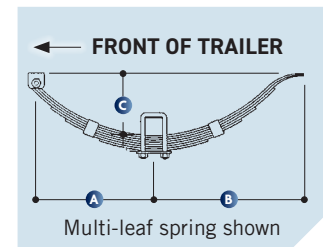
| PART NO | NO. OF LEAVES | CAPACITY PER PAIR | A | B | C | WIDTH |
|----------|---------------|-------------------|-------|-------|-------|-------|
| TE7M1000 | 5 x 6mm | 1000kg | 320mm | 440mm | 170mm | 45mm |
| TE7M1250 | 6 x 6mm | 1250kg | 320mm | 440mm | 170mm | 45mm |



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”

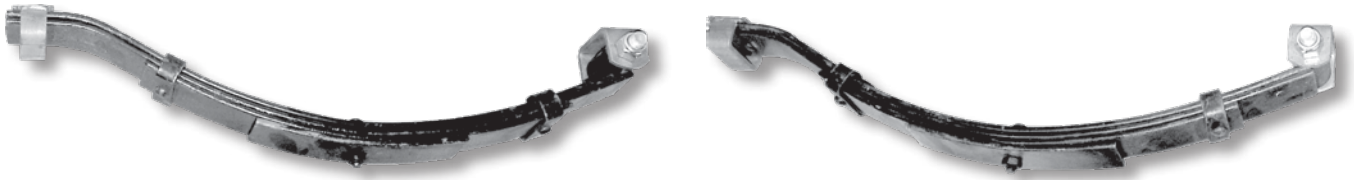
There must be zero flex around the centre bolt area of spring leaves, as this is the weakest point of the spring. Any flexing in this area can cause the leaves to fracture across the centre bolt hole. To eliminate any flexing in this area, the U-bolts must be sufficiently tightened to clamp the spring 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.

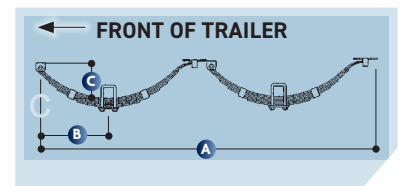
NON-ROCKER TANDEM SPRINGS

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.



| PART NO | NO. OF LEAVES | CAPACITY PER SET (4 SPRINGS) | A | B | C | WIDTH |
|------------|---------------|------------------------------|--------|-----------------|-------|-------|
| TE7TS2000 | 4 x 6.3mm | 2000kg | 1270mm | 282mm | 110mm | 50mm |
| TE7TS2000L | 5 x 6.3mm | 2000kg | 1590mm | 360mm <td 135mm | 50mm | |
| TE7TS2500 | 5 x 6mm | 2500kg | 1270mm | 282mm | 110mm | 50mm |
| TE7TS3000 | 6 x 6mm | 3000kg | 1270mm | 282mm | 110mm | 50mm |
| TE7TS3000L | 5 x 8mm | 3000kg | 1590mm | 360mm | 135mm | 50mm |
| TE7TS3500L | 6 x 8mm | 3500kg | 1590mm | 360mm | 135mm | 50mm |



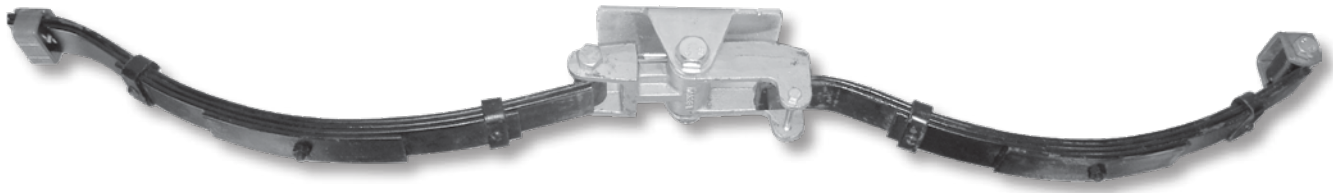
U-Bolt Kit sold separately

| | 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 |
| Weight distribution comparison | | |

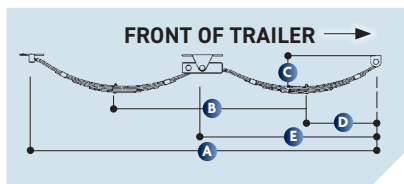
NOTE: When mounting springs above RHS axle beam a support base plate, Part No. TE197SBP must be used. Failure to do so can cause spring leaf breakage

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 <td 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 |

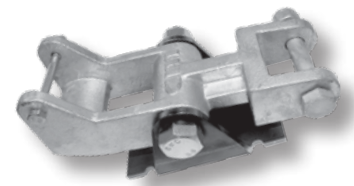


U-Bolt Kit sold separately

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.



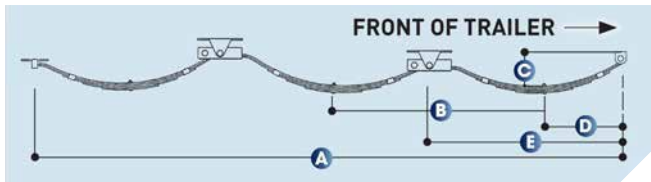
| PART NO | NO. OF LEAVES | CAPACITY PER SET (4 SPRINGS) | A | B | C | D | E | WIDTH | FINISH |
|----------------|---------------|------------------------------|--------|-------|-------|-------|-------|-------|----------|
| TE7TE1500-ESF | 3 | 1500kg | 1345mm | 775mm | 130mm | 270mm | 660mm | 50mm | 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

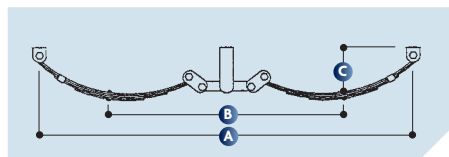
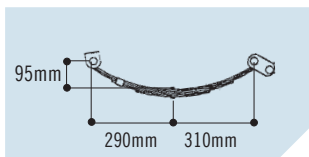
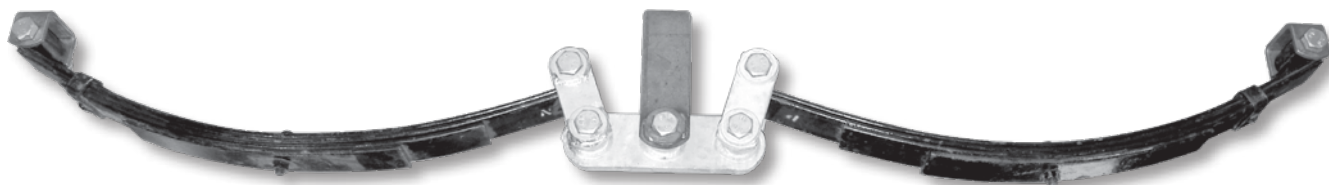
SPRING INSTALLATION

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

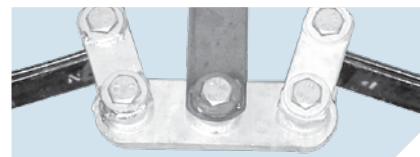
There must be zero flex around the centre bolt area of spring leaves, as this is the weakest point of the spring. Any flexing in this area can cause the leaves to fracture across the centre bolt hole. To eliminate any flexing in this area, the U-bolts must be sufficiently tightened to clamp the spring 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-tabbed

| 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.



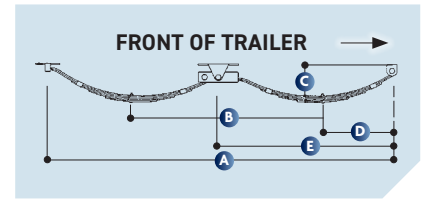
| PART NO | NO. OF LEAVES | CAPACITY PER SET (4 SPRINGS) | A | B (SEE NOTE BELOW) | C | WIDTH | FINISH |
|----------------|---------------|------------------------------|--------|--------------------|-------|-------|----------|
| TE7TE2000-EEF | 4 | 2000kg | 1395mm | *795mm or 835mm | 145mm | 50mm | 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



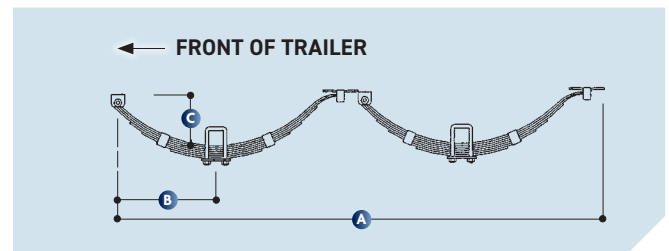
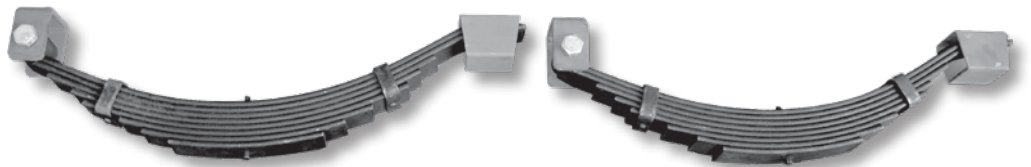
U-Bolt Kit sold separately



| 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.



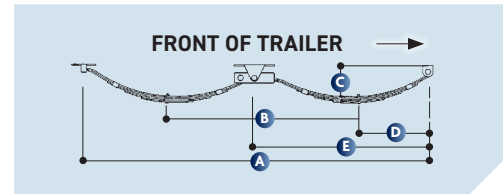
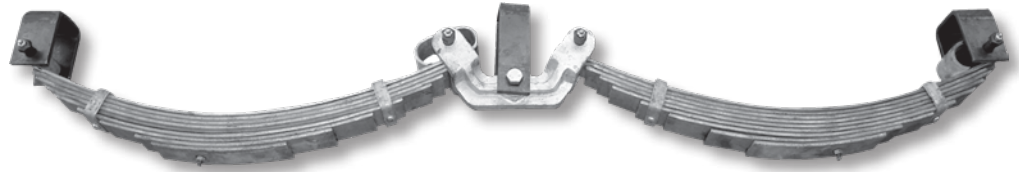
U-Bolt Kit sold separately

| 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 | 1560mm | 780mm or 1050mm (pictured) | 210mm | 355mm | 735mm | 60mm |

SPRING FITTINGS

SHACKLES



590442

45mm wide x 1/2" diameter hole

590501

51mm wide x 16mm diameter hole

SLIPPERS



TE197SL2 pictured

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



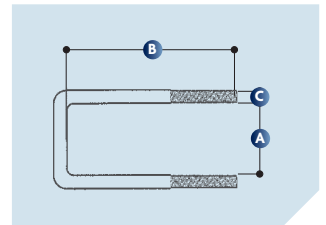
KITS CONSIST OF:

- 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

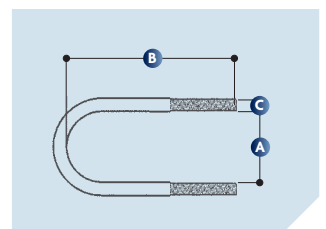
SQUARE U-BOLT

| 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 | 180mm | 12mm |
| TE7UBK22 | TE7UB22 | Square | 75mm | 120mm | 12mm |
| TE7UBK24 | TE7UB24 | Square | 75mm <td 150mm | 12mm | |
| TE7UBK25 | TE7UB25 | Square | 75mm | 190mm | 14mm - not Nyloc nuts |



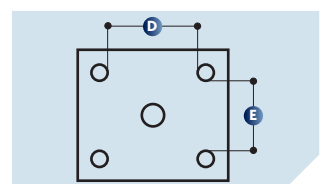
ROUND U-BOLT

| 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 |



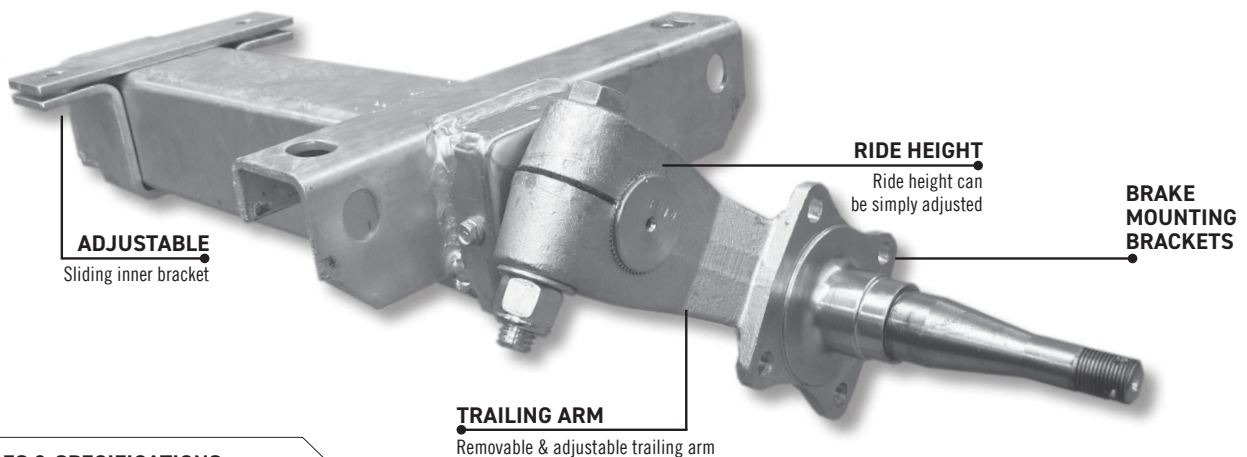
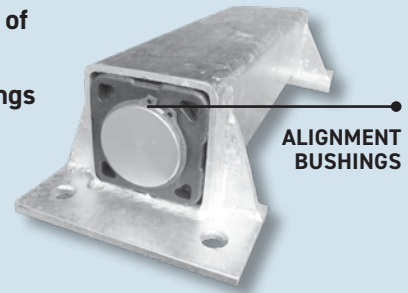
Note: Spring specifications are subject to change without prior notification.

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.

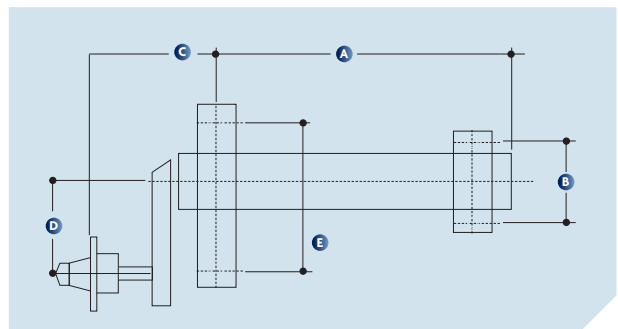
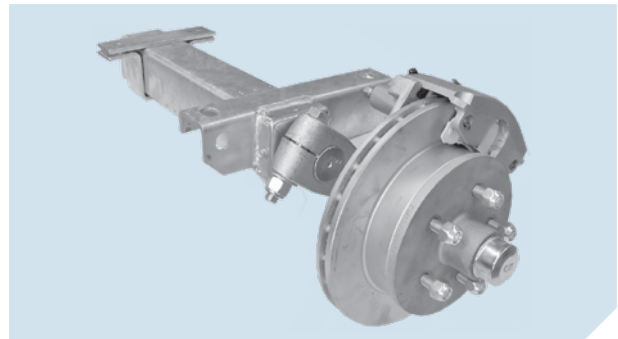
Their design makes them ideal for use in a variety of applications, particularly where a low deck height is required such as caravans, car transporters, horse floats, boat trailers and domestic trailers. As a suspension system they are easy to install as they are completely self-contained.

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



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 | 140mm | 220mm | 115mm | 230mm | 12mm |
| TE7TA1500* | 1500kg | 420mm | 140mm | 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 |

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 |
| TE18WATV9* | 9" x 9" | 25 x 12-9 | 4 | 25" 620mm | 12" 300mm | 185kg @ 30km/h | 4" x 4 |

*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

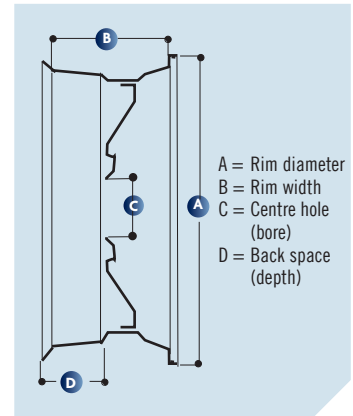
SPOKE WHEELS 12" to 16"



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 |
|-------------|--------------|-----------|-------|-------|------------------------|--------------|------------------------|-----------------|
| TE18W9540* | 8" | 5.375" | | | 360kg | | 4 x 4" | Yes |
| TE18W9352G* | 9" | 9" | | | 400kg | N/A | 4 x 4" | Yes |
| TE18W9432* | 8" | 2.50" | | | 500kg | N/A | Integral 25mm bearings | Yes |
| TE18W9442* | 8" | 3.75" | | | | | | |
| TE18W9452* | 8" | 5.50" | | | | | | |
| 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 |
| TE18R14 | 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

| PART NO | AXLE DIAMETER | BEARINGS | SEAL |
|-----------|------------------|----------------------------|----------|
| TE18W9856 | 1 1/4" (31.75mm) | TE190189-17 6205 (25mm) | TE190141 |

For use with wheels with integral bearings.



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.



ALLOY TYRE ASSEMBLIES

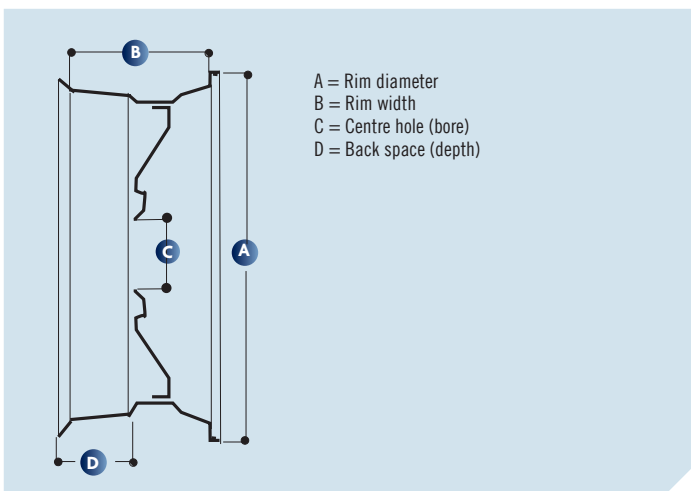
| PART NO | RIM DIA. x W | RIM TYPE | TYRE | PLY RATING | TYRE DIA. | TYRE WIDTH | CAPACITY | STUDDING |
|-------------|--------------|----------|------------|------------|-----------|------------|----------|-----------|
| TE18W9646 | 14" x 6" | Alloy | 185R14 | 8 | 649mm | 188mm | 850kg | 4.50" x 5 |
| 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 |



TE18W9646



TE18W9650



ALLOY WHEELS

TE18RA14
14" X 6"



Supplied with chromed plastic centre cap and 1/2" UNF capped wheel nuts. Wheel & tyre assy part no: TE18W9646.

TE18RAF14
14" X 6"



Supplied with chromed plastic pop-in centre cap and 1/2" 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 |
|-----------|--------------|-----------|---------|------|------------------------|---------------|-----------|-----------------|
| TE18RA14 | 14" | 6" | 67mm | 85mm | 1000kg | 5 | 5 x 4.50" | Yes |
| TE18RAF14 | 14" | 6" | 83.82mm | 90mm | 1000kg | 5 | 5 x 4.50" | Yes |

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



TE1918UB1

Sold with wheel mount
102mm wide x
130mm long x
M12

Brass padlock and u-bolt included

Fully adjustable mounting

Galvanised steel construction

3 position mounting: drawbar, winch post or side frame

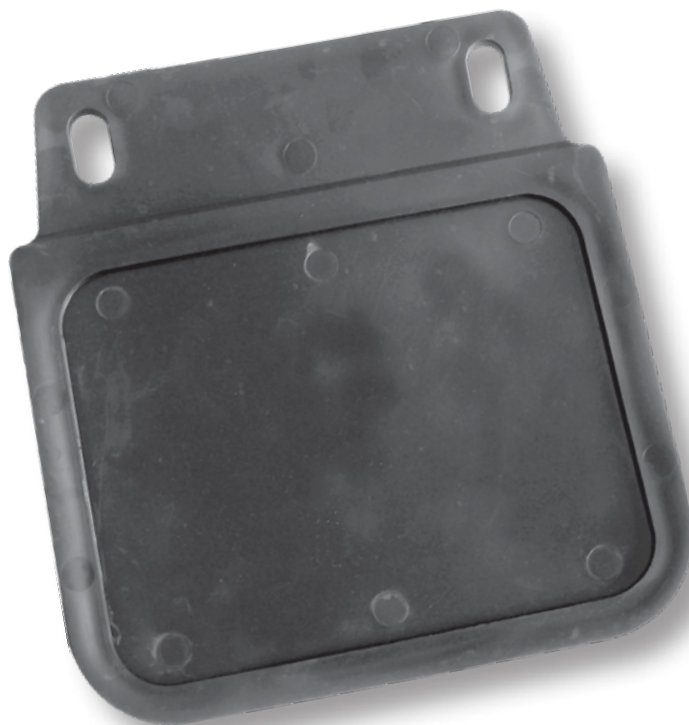
Easy and simple installation

MUD FLAPS

652019

BLACK

220mm (w) x 230mm (h)



TOP TIP

WIDTH OF TRAILERS

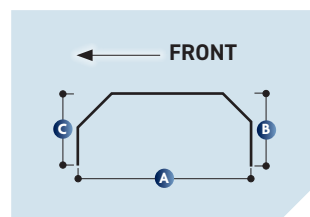
The maximum width allowed for light trailers is 2550mm.

This is taken over the widest point which is normally the mudguards.

It also includes such items as guide poles on boat trailers

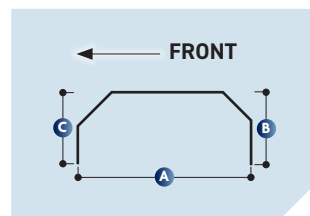
Marker lights are required if the trailer is over 2 metres wide.

PRESS-FORMED GUARDS



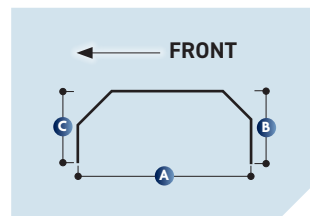
| PART NO | TYRE SIZE | THICKNESS | A | B | C | WIDTH | FINISH |
|----------|-----------|-----------|-------|-------|-------|-------|---------------|
| TE11MGS5 | 10" | 1.6mm | 545mm | 280mm | 280mm | 220mm | Zintec Plated |
| TE11MGS2 | 13" - 14" | 2.0mm | 770mm | 400mm | 340mm | 215mm | Zintec Plated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

HEAVY DUTY - 3MM THICK



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

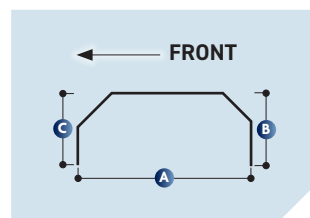
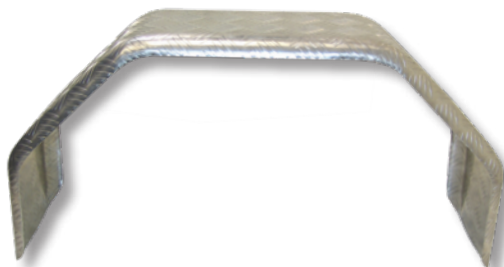
ROLL-FORMED GUARDS



| 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 |

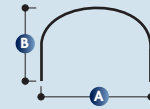
*To order only

MUDGUARDS

ROLL-FORMED GUARDS


***TE11 MGS7RS
SQUARE INNER EDGE**

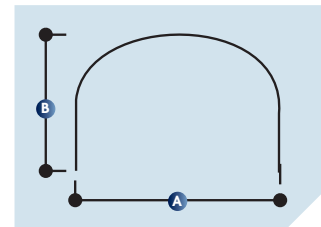
TE11MGS7RS has a roll-formed square rear edge, ideal to butt up and weld to trailer body for a tidier finish.



| 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!

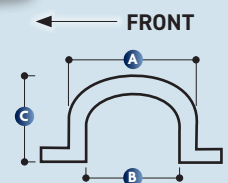
Wasson brand

Virtually unbreakable

Inbuilt step treads

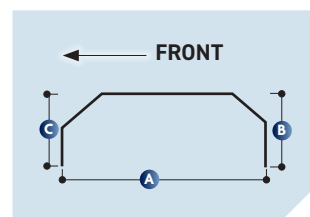
Easily cut to suit tandem applications

Corrosion and rust-proof



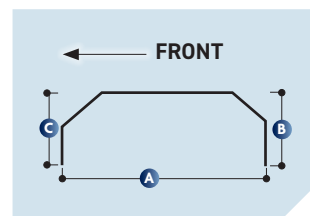
| PART NO | TYRE SIZE | A | B | C | WIDTH | FINISH |
|-------------|-----------|-------|-------|-------|-------|--------|
| TE11MGSP12S | 10" - 12" | 570mm | 520mm | 240mm | 190mm | Silver |
| TE11MGSP13S | 13" - 14" | 670mm | 570mm | 300mm | 220mm | Silver |
| TE11MGSP14S | 14" - 15" | 770mm | 660mm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

PRESS-FORMED GUARDS



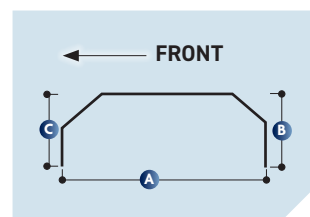
| PART NO | TYRE SIZE | THICKNESS | A | B | C | WIDTH | FINISH |
|----------|-----------|-----------|--------|-------|-------|-------|--------|
| TE11MGT2 | 13" - 14" | 2.0mm | 1580mm | 380mm | 320mm | 215mm | Zintec |

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

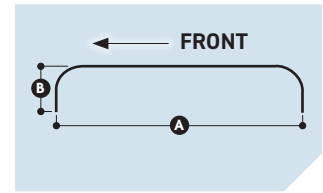


| PART NO | TYRE SIZE | THICKNESS | A | B | C | WIDTH | FINISH |
|------------|-----------|-----------|--------|-------|-------|-------|-----------|
| TE11MGT20* | 13" - 14" | 3mm | 1500mm | 360mm | 360mm | 230mm | Aluminium |

*To order only

MUDGUARDS

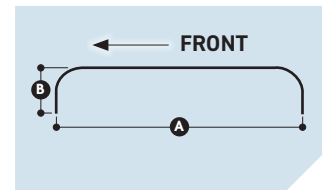
ROLL-FORMED ROUND GUARDS



| 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

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

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

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 & 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



KITS INCLUDE:

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



BODY HARDWARE

Wireless remote available
TE1910RCA2B3L3MB



| 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

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

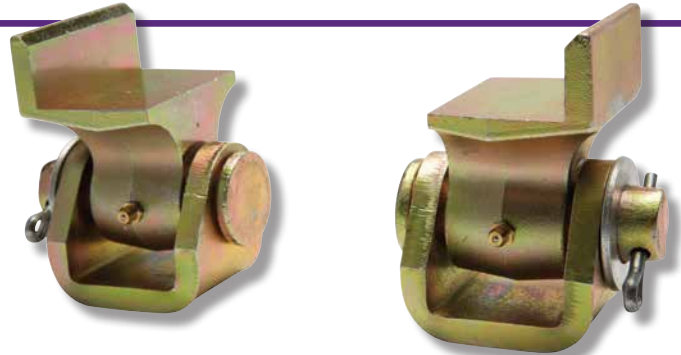
Remote control and receiver set.
Can be fitted from new or retrofitted later.



REAR DECK HINGE - WELD ON

TE1910DH

One pair left & right hand.

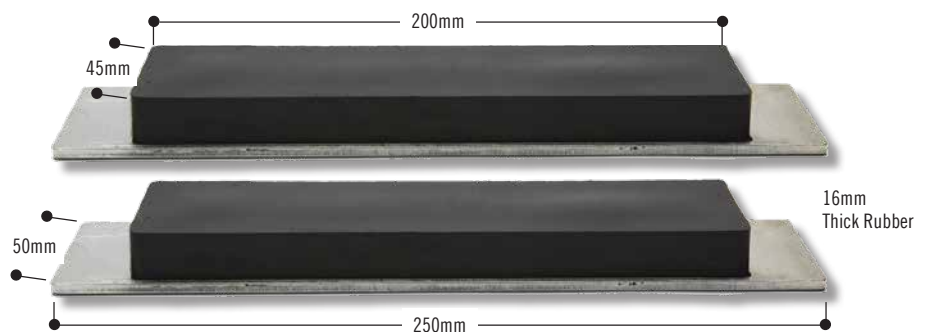


TIPPER DECK PADS

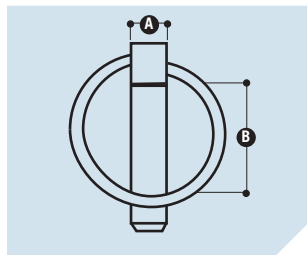
TE1910RDP

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

Sold as one pair.

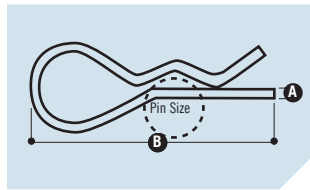
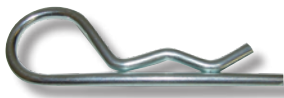


LINCH PINS



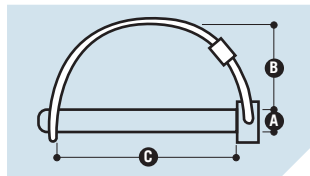
| PART NO | PIN SIZE A | B | BLISTER PACK (QUANTITY = 2) |
|----------|------------|------|-----------------------------|
| TE12AG49 | 4.5mm | 33mm | |
| TE12AG1 | 6mm | 35mm | TE12AG1P |
| TE12AG2 | 8mm | 37mm | TE12AG2P |
| TE12AG4 | 9.5mm | 43mm | TE12AG4P |
| TE12AG3 | 11mm | 36mm | TE12AG3P |
|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

GRIP CLIPS



| PART NO | A | PIN SIZE | B | BLISTER PACK (QTY: 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 | |

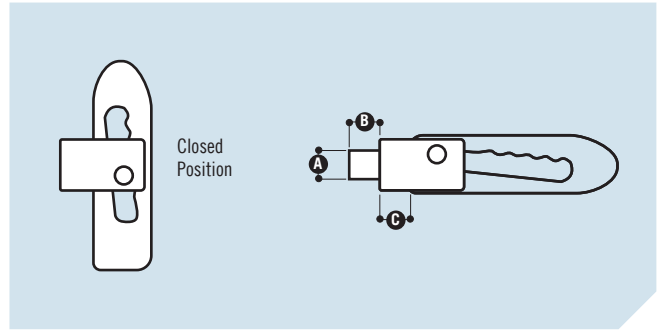
WIRE ROPE CLAMPS



| 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 |



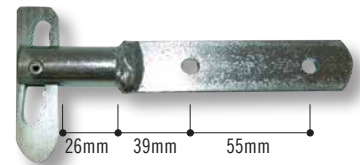
TE12F3274



TE12F3275-P



TE12F3290-1



TE12F3285



TE12F3275-1



TE12F3284

STAINLESS STEEL

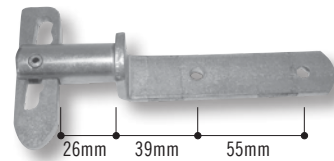


TE12F3275-5



TE12F3290-2

(Sold per pair) Angled Offset



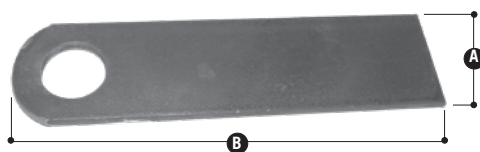
TE12F3232



TE12F3275-3



EYE PLATES



| PART NO | A | B |
|-----------|------|-------|
| TE12F3320 | 40mm | 75mm |
| TE12F3321 | 40mm | 150mm |

WELD-ON TAILGATE LATCH SET

TE12F3360

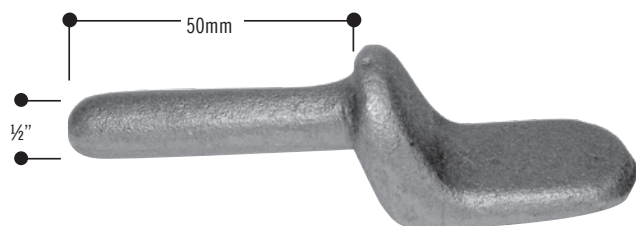
Handle is zinc plated



WELD-ON GUDGEONS

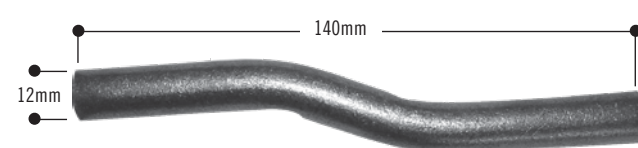
TE12H3314

1/2"



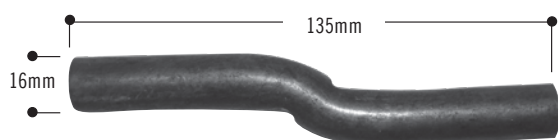
TE12H3312

12mm



TE12H3316

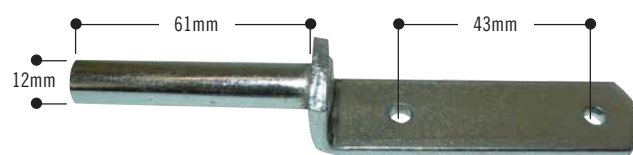
16mm



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 |

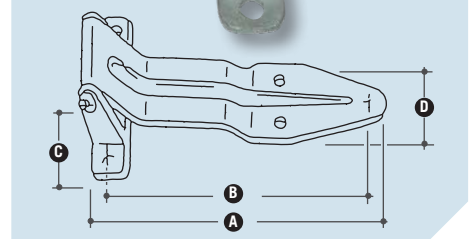
REAR DOOR / CONTAINER HINGES



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.

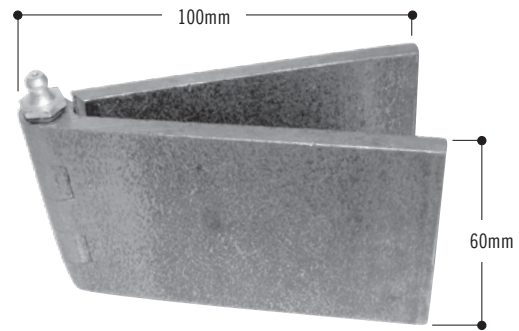
A heavy door hinge meets DIN TE71412.

Opens to 250°.

6mm hardened steel pin with grease nipple fitted.

Made from bright 6mm steel with polished interlinks.

*To order only

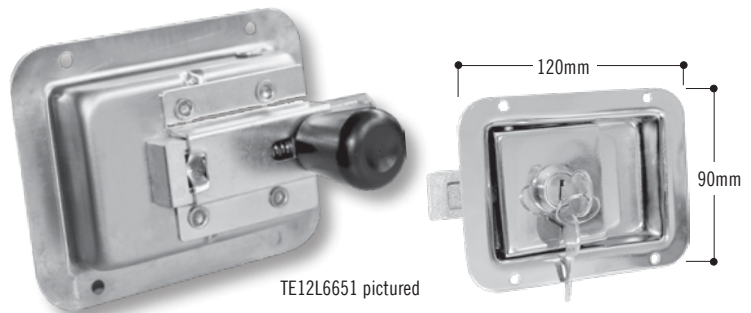


RECESSED FLUSH LOCK

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.



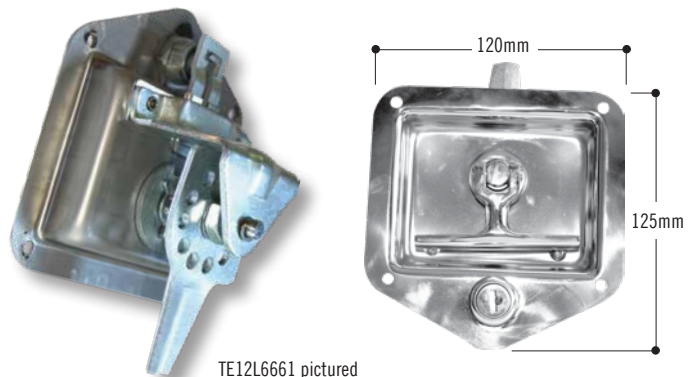
TE12L6651 pictured

"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. (Use rod and guide Part No TE12L785. Sold separately – see rod lock assemblies on page 85)



TE12L6661 pictured

DOOR COMPRESSION FLUSH LOCK

Locking type

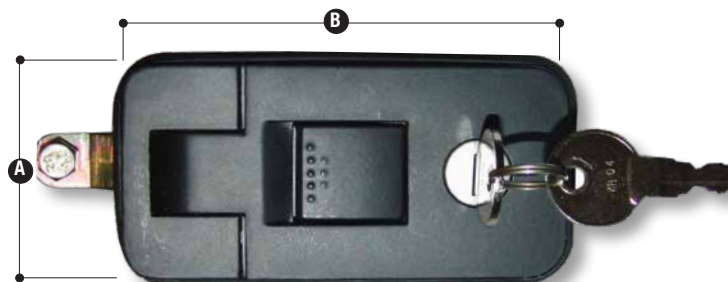
Keyed alike

Dust seal

Adjustable screw

Available in Black or
Chrome Plated

2 sizes available

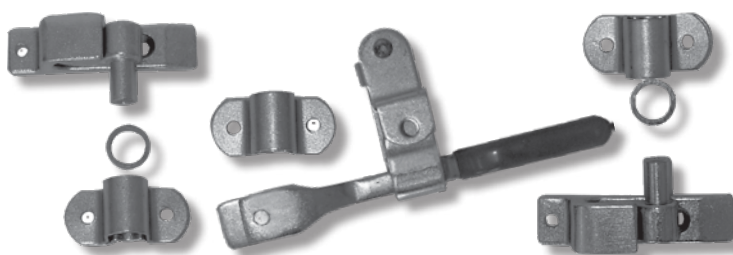


| PART NO | A | B | FINISH |
|-------------------|------|-------|---------------|
| TE12L2400B | 35mm | 80mm | Black - Satin |
| TE12L2400C | 35mm | 80mm | Chrome Plated |
| TE12L2420B | 50mm | 104mm | Black - Satin |
| TE12L2420C | 50mm | 104mm | Chrome Plated |

MINI DOOR LOCK SET

TE12LB600

Ideal for smaller container doors.
Uses 22mm dia. pipe (not included).
Finished in electro zinc plating.



ROD LOCK ASSEMBLIES

TE12L770-2 (2 WAY)

TE12L770-3 (3 WAY)

TE12L785

Operated by a T key or suitable outside handle with 8mm square spindle. Zinc plated mild steel. Rods are 10mm x 1000mm long: centre of pivot to end. Throw of rods = 35mm.



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

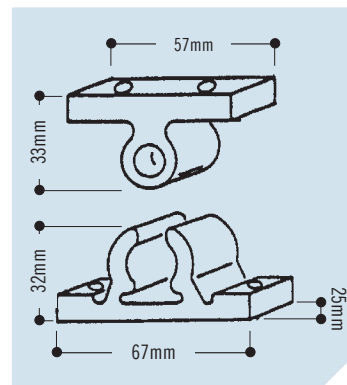
TE12F555

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)

TE12WOF105P (BLISTER PACK)



PLASTIC WOF / REGISTRATION HOLDER

TE12WOR-10 (10 PACK)

TE12WOR10P (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.

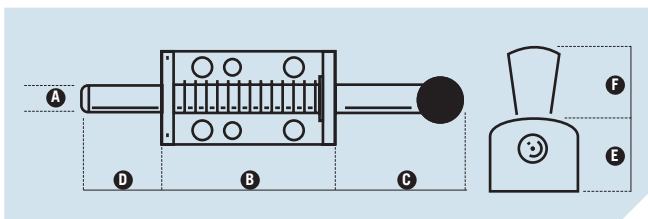
TE12F871 - 19mm



TE12F835 - 9.5mm



TE12F837 - 12mm



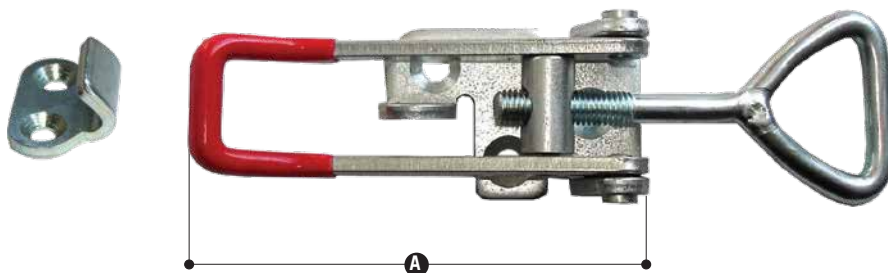
| PART NO | A | B | C | D | E | F | MATERIAL | ZINC PLT. |
|-----------|--------|-------|------|------|------|------|------------|-----------|
| TE12F835 | 9.90mm | 62mm | 41mm | 27mm | 23mm | 43mm | Mild steel | YES |
| TE12F837 | 12mm | 75mm | 42mm | 35mm | 35mm | 22mm | Mild steel | YES |
| TE12F840S | 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

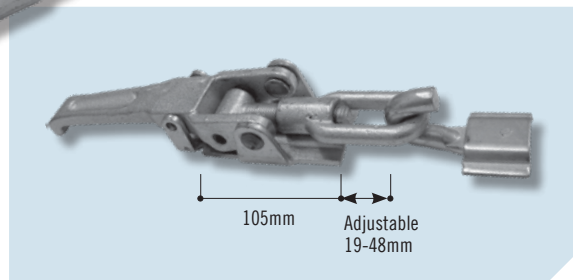
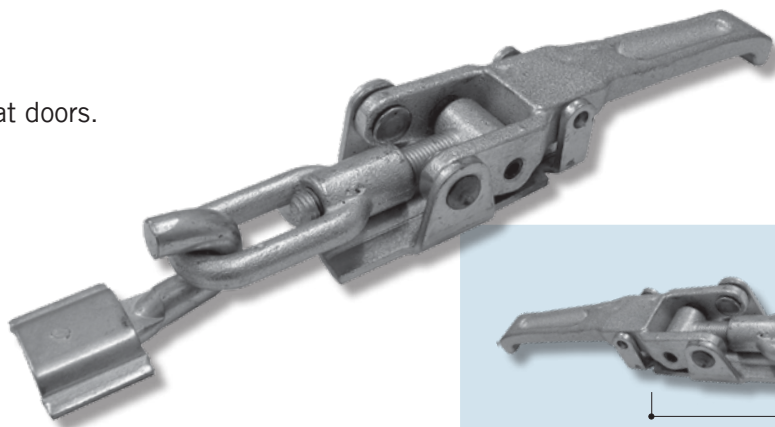
TE12L9162

Ideal for use on horse float doors.

Adjustable.

Zinc electroplated.

Weld on.



RUBBER BONNET CATCHES

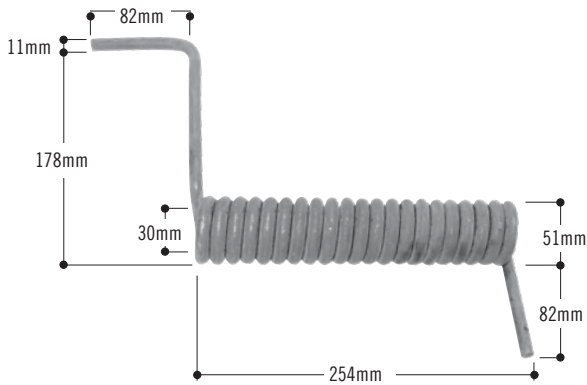
| PART NO | OVERALL LENGTH | BLISTER PACK PART NO | QTY PER PACK |
|------------|----------------|----------------------|--------------|
| TE12S11068 | 65mm | TE12S11068P | 1 |
| TE12S8385 | 130mm | TE12S8385P | 1 |



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°.

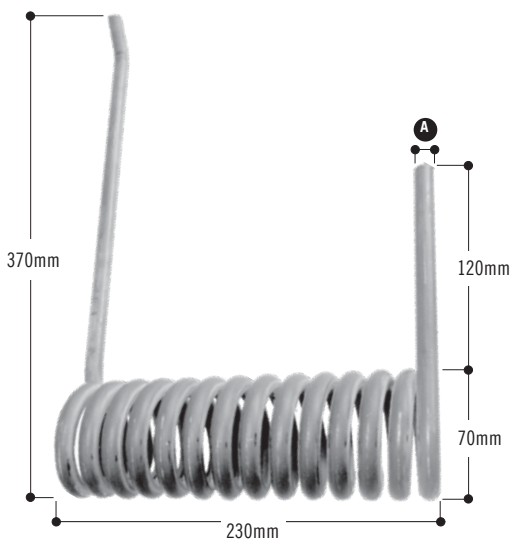


TE12S03LZ/RZ

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 |

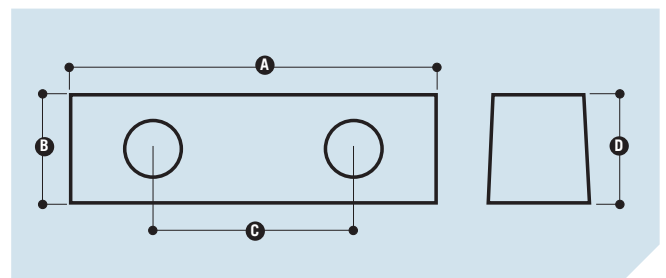
RUBBER BUFFERS



TE12R2500



TE12R2503



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

HORSE FLOAT TAIL DOOR SPRING

TE12S02

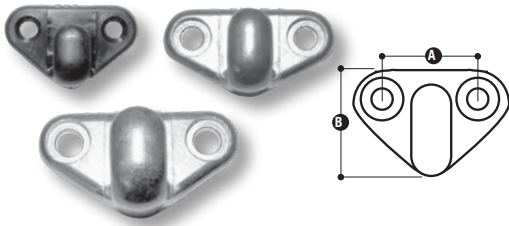
Ideal spring for horsefloat tail doors.

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

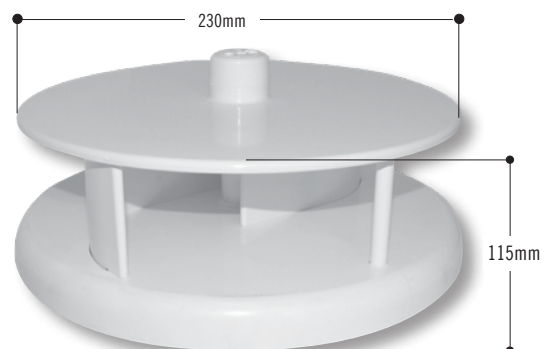
TE12V33184

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
TE12TCL100KA KEYED ALIKE

UPDATED MODEL



- 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



Lock only

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: $\frac{3}{8}$ " (diameter) x 69mm (length)

Blister packed

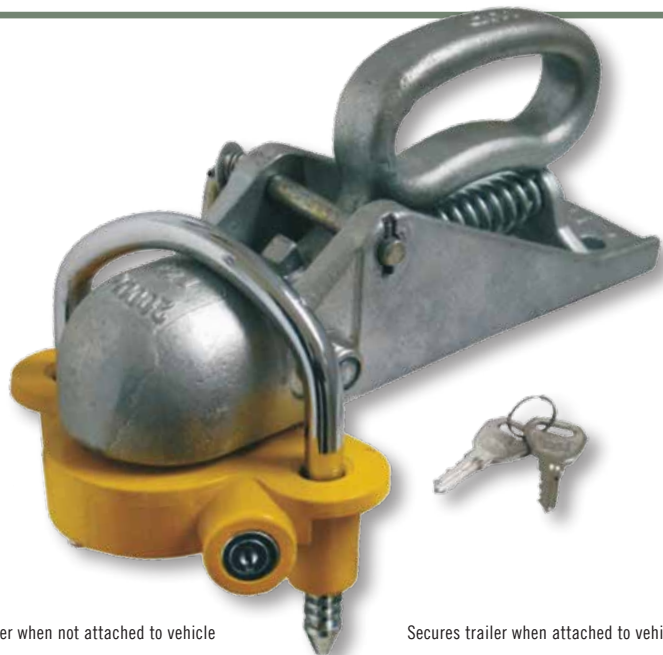


SECURITY

UNIVERSAL COUPLING LOCK

TE12CPL20 - Yellow
616950 - Red

- Guards against theft of caravans & trailers
- Works for most couplings $1\frac{7}{8}$ ", 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

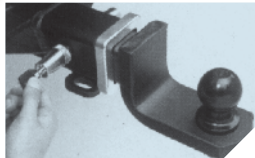


HITCH PIN LOCK

TE12PL16B

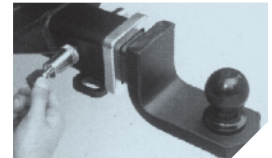
Chrome plated finish safety locking mechanism. Prevents towbar hitch from being stolen.

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

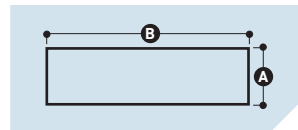


AL-KO Wheel Clamp

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 <td 100mm | 22mm pipe | |
| TE16LR* | Black | 105mm | 205mm | 25mm |
| TE16LRPC* | Black | 105mm | 205mm | 22mm pipe |

*To order only



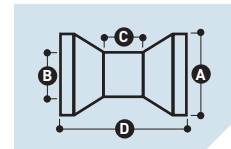
KEEL ROLLERS

| 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 |

*To order only

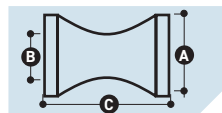


TE16A27 pictured



CURVED ROLLERS

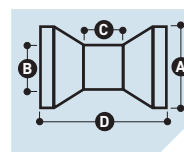
| PART NO | COLOUR | A | B | C | BORE DIA. |
|---------|--------|------|------|-------|-----------|
| TE16A15 | Black | 70mm | 46mm | 200mm | 16mm |
| TE16A16 | Black | 90mm | 60mm | 310mm | 21mm |



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

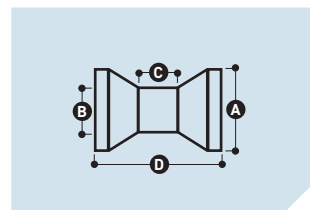
TE16A525



TE16A505



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

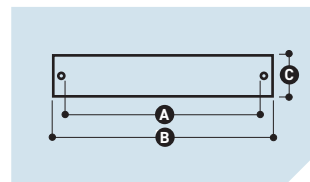


STAINLESS STEEL ROLLER PINS

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

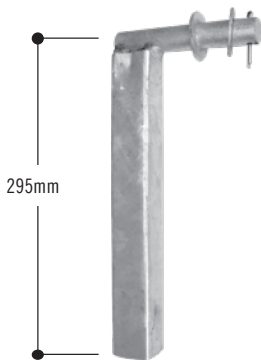
Wobble rollers are used to support the boat on the trailer and can be used with or without keel rollers. Because of their large diameter and width, they offer excellent support and rolling action.

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.

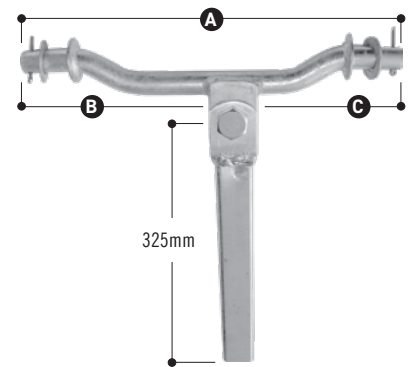
SINGLE

TE16WS



DUAL

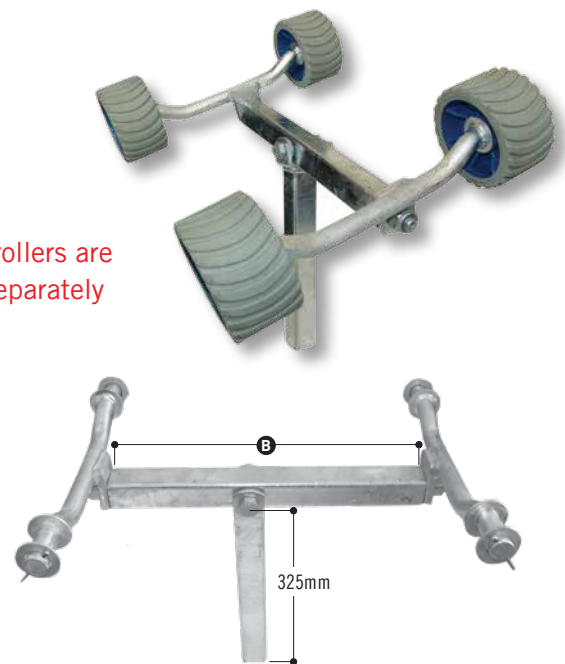
| PART NO | A | B | C |
|-----------|-------|-------|-------|
| TE16WD310 | 310mm | 100mm | 150mm |
| TE16WD410 | 410mm | 150mm | 200mm |
| TE16WD510 | 510mm | 200mm | 250mm |
| TE16WD610 | 610mm | 250mm | 300mm |



QUAD

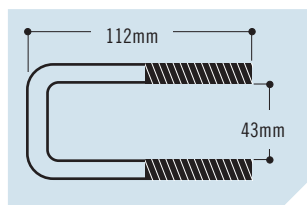
| PART NO | A | B |
|---------------|-------|-------|
| TE16WQ310-300 | 310mm | 300mm |
| TE16WQ310-400 | 310mm | 400mm |
| TE16WQ310-500 | 310mm | 500mm |
| TE16WQ310-600 | 310mm | 600mm |
| TE16WQ410-300 | 410mm | 300mm |
| TE16WQ410-400 | 410mm | 400mm |
| TE16WQ410-500 | 410mm | 500mm |
| TE16WQ410-600 | 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



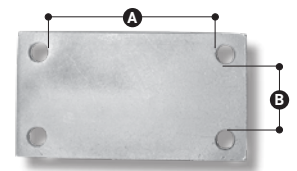
SQUARE U-BOLT

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.

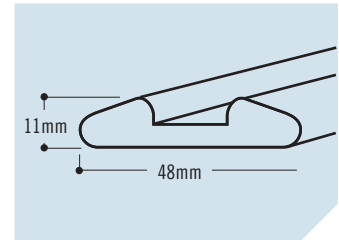
No countersinking required, just drill and screw or rivet in place

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)



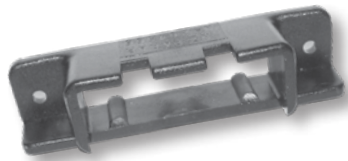
7-PIN FLAT SOCKET

TE17B5
TE17B5P (Blister pack)



FLAT PLUG HOLDER

TE17B4PH
Plastic plug holder for 7-pin flat plugs.



Drilled two ways and can be mounted horizontally or vertically.

7-PIN FLAT PLUG & SOCKET

TE17B4SC
PLUG



TE17B5SC
SOCKET



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

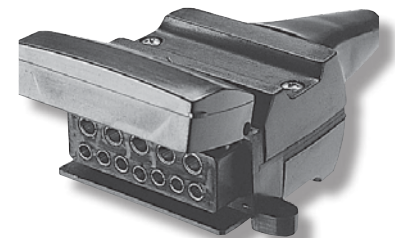
QUALITY PRODUCT, STURDY CONSTRUCTION AND COMPETITIVELY PRICED

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



PLUG/SOCKET ADAPTORS

TE17BJ8

7-PIN TRAILER PLUG ADAPTOR

Connects 7-pin round socket on vehicle to 7-pin flat plug on trailer.



TE17BJ9

7-PIN TRAILER PLUG ADAPTOR

Connects 7-pin flat socket on vehicle to 7-pin round plug on trailer.



EURO TRAILER PLUG ADAPTORS

A simple way of converting from 13-pin European plug or socket now found on imported European vehicles & caravans.

TE17BA7

7-pin round plug to 1 3-pin round European socket.

12 volt.



TE17BA8

13-pin round European plug to 7-pin round socket.

12 volt.



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 |
|---------------|--------------------|---------------------|-----------|
| TE17B4-1.0 | 7 pin B4 flat plug | 7 pin B4 flat plug | 1 metre |
| TE17B4-1.5 | 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 |



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.

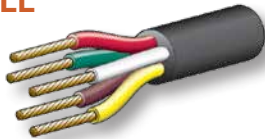


TE17C5-50 50M ROLL

TE17C5-100 100M ROLL

5 CORE

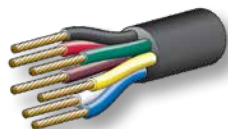
1 @ 1.0mm² (earth),
4 @ 0.50mm²,
sold per metre.



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.



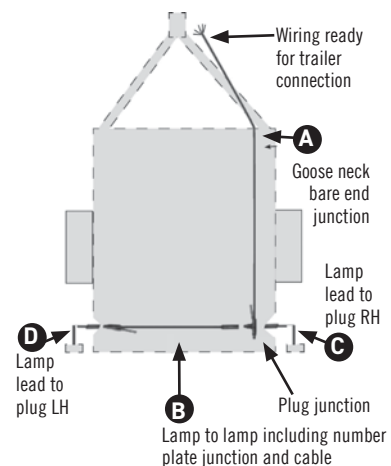
LED PLUG & GO LIGHTING KIT

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 |



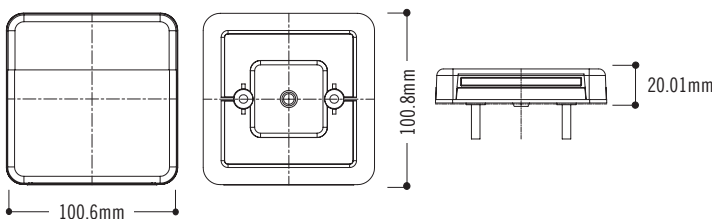
MULTI-VOLT SUBMERSIBLE LED COMBINATION TAIL LAMP

LED trailer lamps with low profile body makes these lamps an ideal fit for many OE and retro-fit applications, simple & 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

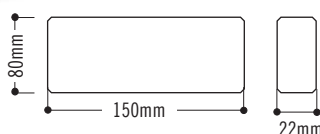
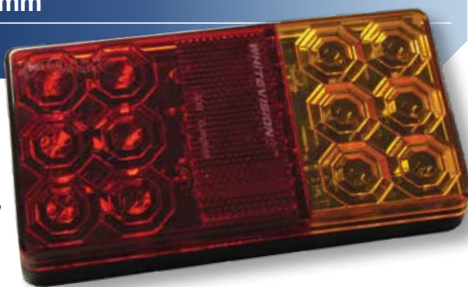


| PART NO | CABLE LENGTH | NUMBER PLATE LIGHT |
|---------|--------------|--------------------|
| BL1501 | 500mm | No |
| BL1502 | 500mm | Yes |

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

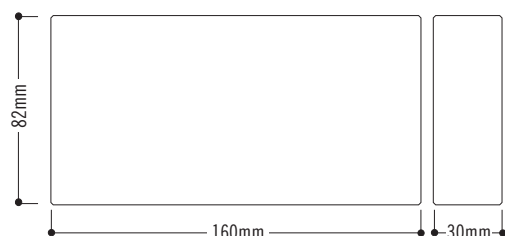
CM's 370 Series LED lamps are designed to be an easy-to-fit trailer lighting solution that can be fitted in a range of orientations. Box trailers need lamps to fit in a horizontal orientation and shine the number plate light across the trailer, from the narrow side of the lamp, while boat trailers need 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

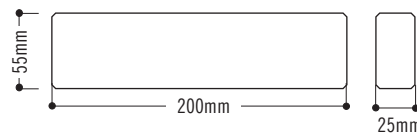
Multivolt 10 - 30V DC

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™

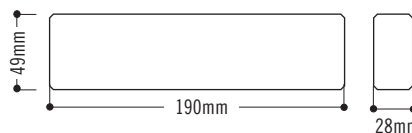
Surface mount or screw on

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

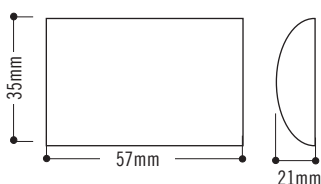
ABS base

9-33 Volt

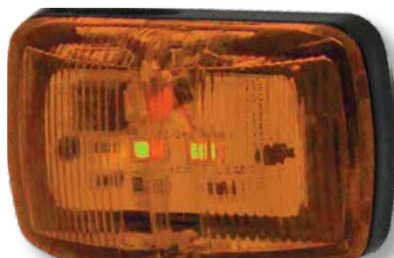
Fully ADR-compliant

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

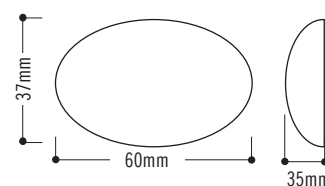
Submersible, with stainless steel fasteners

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 height

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

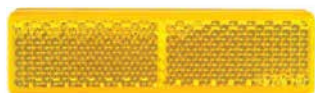
Self adhesive red reflector.

94mm x 44mm.

ADR47/00.

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

70mm x 30mm. ADR 47/00.

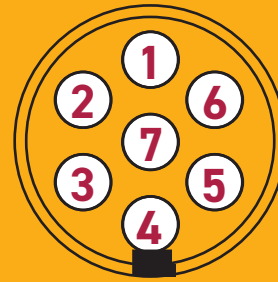


| PART NO | NO IN PACK | COLOUR |
|------------------|------------|--------|
| BLREFR | Single | Red |
| BLREF2R | 2 | Red |
| BLREF100R | Box of 100 | Red |
| BLREF2A | 2 | Amber |
| BLREF2W | 2 | White |

TO NZ STANDARD



7-PIN PLUG - ROUND



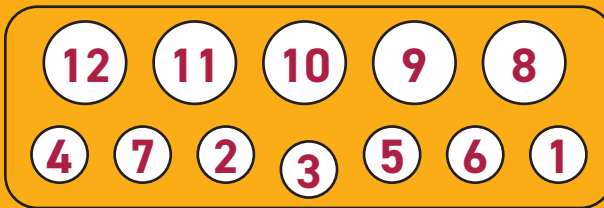
7-PIN SOCKET - ROUND



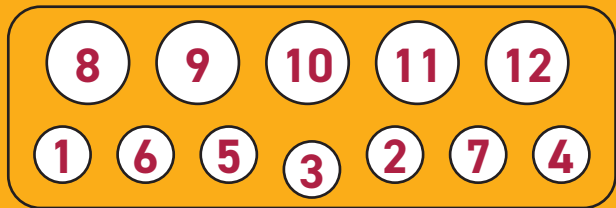
7-PIN PLUG - FLAT



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.



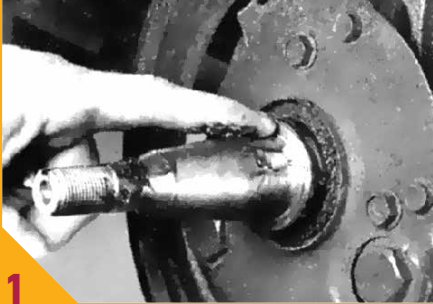
This compact jockey wheel showroom display stand allows you to add on multiple additional units to display the range you stock.



| 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 |
| 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 |
| Trojan 2000kg pPe Aug 1997 < | 1.78" / 45.2mm TE190161 | 19 x 45 LM11949-10 TE190189-20 | 35 x 65 LM48548-10 TE190189-28 | | 47 x 65 PR6697 TE190147-1 | |
| 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 | | |
| 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

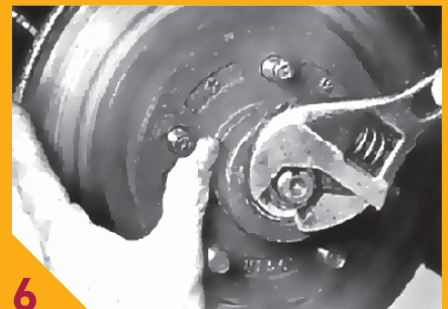
Grease seals must be replaced when they leak or when bearings are being repacked or replaced. Install inner cone in hub, then the seal. Make sure seal lips are pointed in direction. Use proper seal installation tool.



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

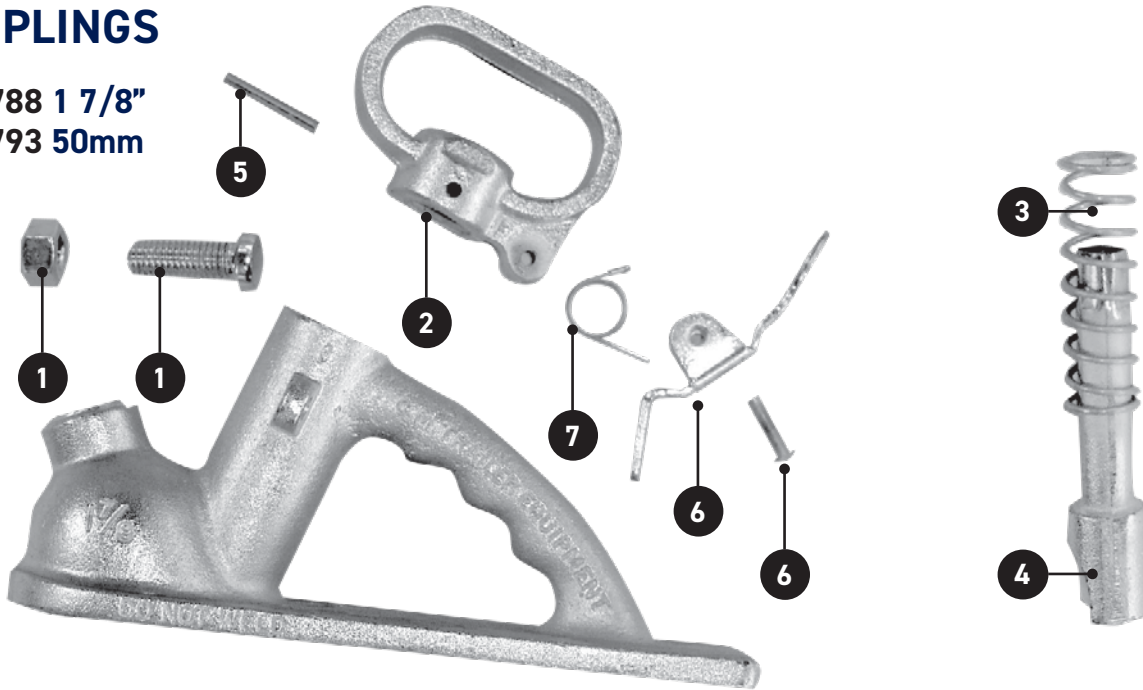
Use a 12" wrench to tighten adjusting nut while turning rotor. When rotor binds slightly, all parts are properly seated. Back nut off $\frac{1}{6}$ to $\frac{1}{4}$ turn or sufficiently to allow .001" to .007" end play. Then lock the nut with a new cotter pin.

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.

| | |
|--|----------------|
| TRAILER COUPLINGS | 112-116 |
| HOSE KITS | 117 |
| HUB AND STUB 1500/1750/2000/2750kg | 118 |
| HUB AND STUB 3000-8000kg | 119 |
| HYDRAULIC DISC BRAKES | 120-122 |
| HYDRAULIC CALIPERS | 123-124 |
| DRUM BRAKES HYDRAULIC | 125 |
| DRUM BRAKES ELECTRIC | 126 |
| BRAKE DISC PADS AND SHOES | 127-129 |
| SPRINGS, ROCKERS, BUSHES | 130-133 |
| AMERICAN TRAILER SPARE PARTS | 134-137 |
| TROJAN SPARE PARTS | 138-139 |

COUPLINGS

TE4C788 1 7/8"
TE4C793 50mm



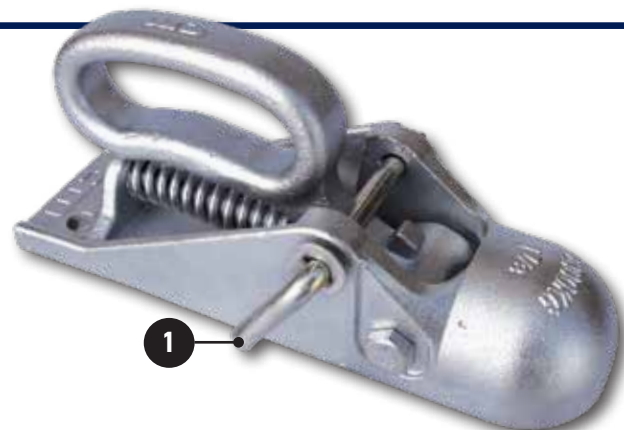
| ITEM | DESCRIPTION | 1 7/8 RIVET SAFETY CATCH | 1 7/8 BOLTED SAFETY CATCH | 50MM RIVET SAFETY CATCH | 50MM BOLT SAFETY CATCH |
|------|--|--|---|--|---|
| 1 | Adjuster Screw and Nut | 610910 1/2" Whitworth Suits Alko & Trigg Blister pack (1 per pack): TE194411P | TE194411C M12 x 1.75mm Blister pack (1 per pack): TE194411CP Pre 2014 < TE194411U Post 2014 > 1/2" UNC Blister pack (1 per pack): TE194411UP | 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 |
| 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

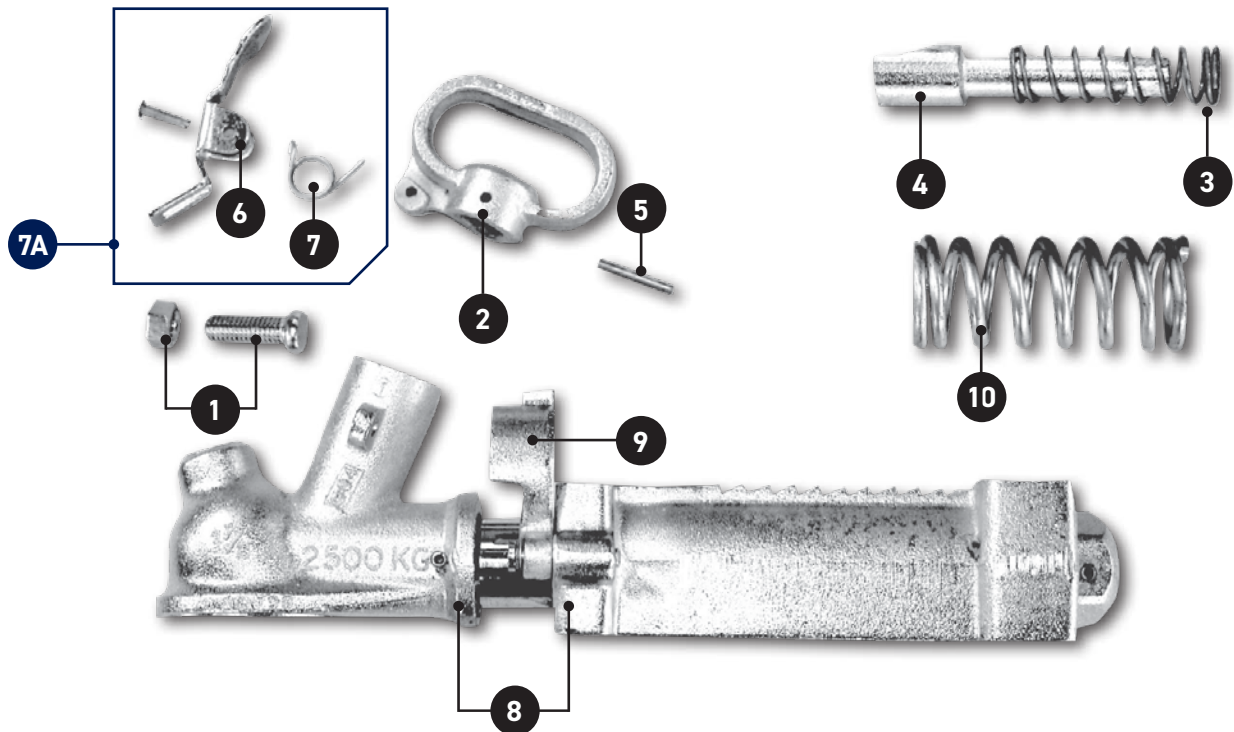
Fits most 1 7/8" & 50mm lever couplings

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



HYDRAULIC OVERRIDE COUPLINGS

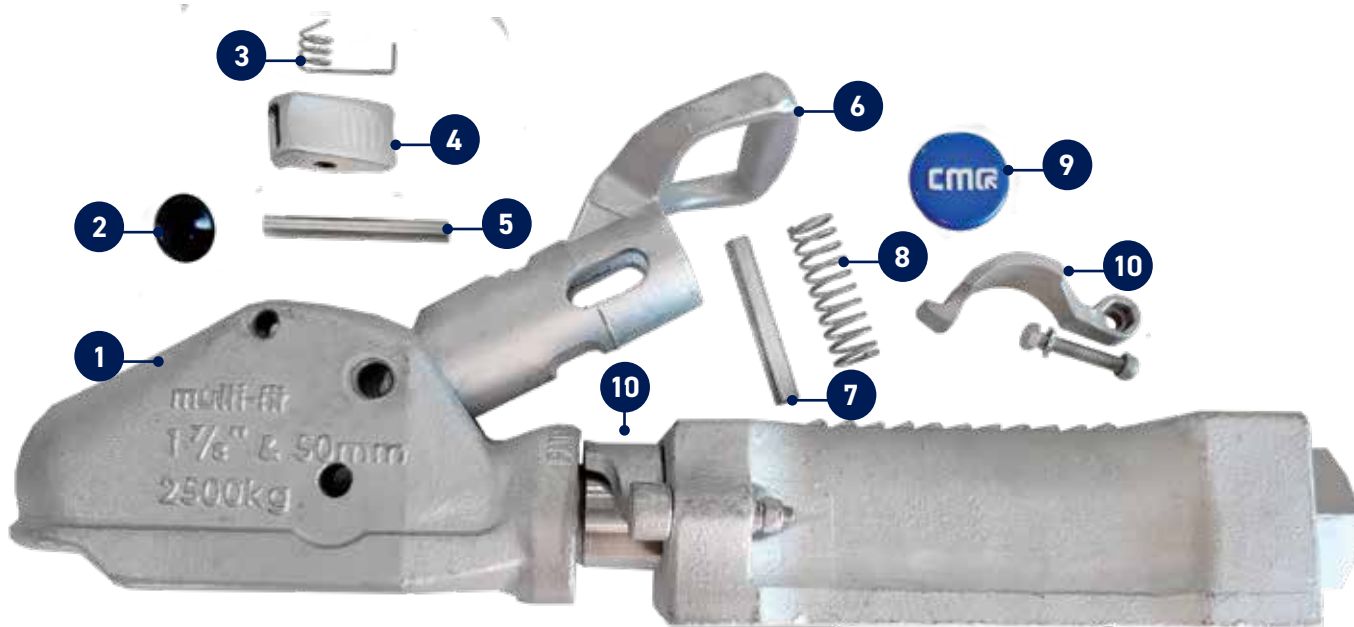
TE4C798 1 7/8"
TE4C799 50mm



| 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 1/2" Whitworth Suits Alko & Trigg Single blister pack TE194411P | TE194411C Pre 2014 < M12x1.75mm Single blister pack TE194411CP | 610910 1/2" Whitworth Suits Alko & Trigg Single blister pack TE194411P | TE194411C Pre 2014 < M12x1.75mm Single blister pack TE194411CP |
| | | | TE194411U is 1/2" UNC Post 2014 > Single blister pack TE194411UP | | TE194411U is 1/2" 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* | TE194401Z TE1904401LZ | 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



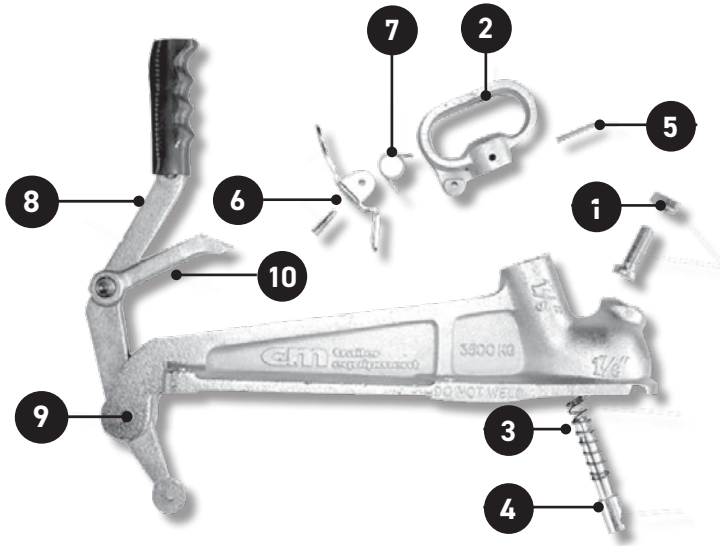
SPARE PARTS

| 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

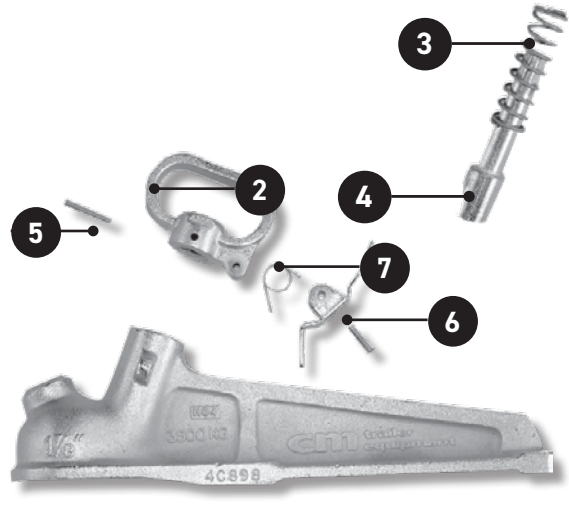
WITH HANDBRAKE

1 7/8" TE4C898
50mm TE4C900



WITHOUT HANDBRAKE

1 7/8" TE4C897
50mm TE4C901

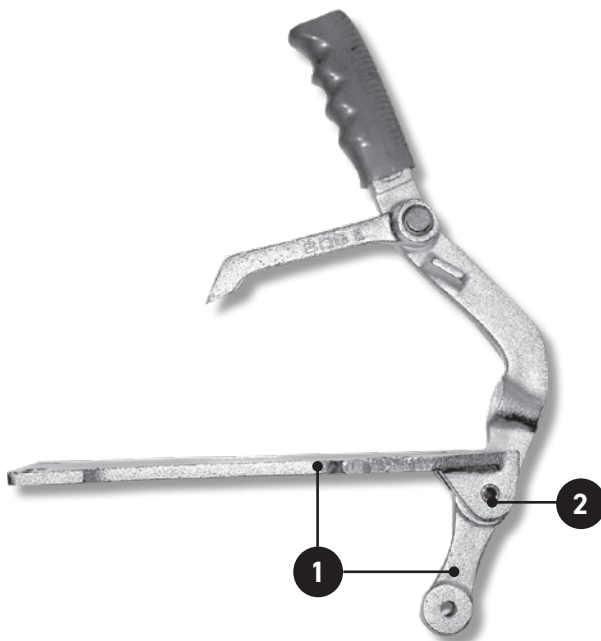


| ITEM | DESCRIPTION | PART NO |
|------|-----------------------------------|------------|
| 1 | Adjuster Screw and Nut | 610910 |
| 2 | Handle C/W Safety Catch | TE194409* |
| 3 | Plunger Spring | TE194412* |
| 4 | Plunger | TE194413* |
| 5 | Roll Pin | TE194410* |
| 6 | Safety Catch/Rivet | TE194407* |
| 7 | Safety Catch Spring | TE194408* |
| 8 | Handle Brake Lever & Ratchet Assy | TE194455Z* |
| 9 | Roll Pin | TE194414* |
| 10 | Ratchet | TE194456Z* |

*No longer available

SPARE PARTS

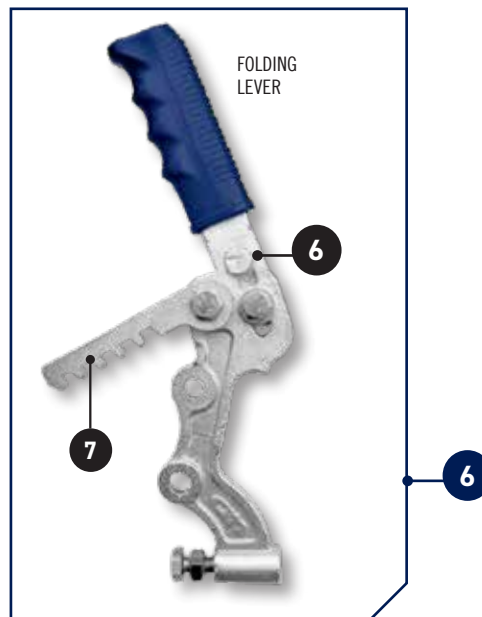
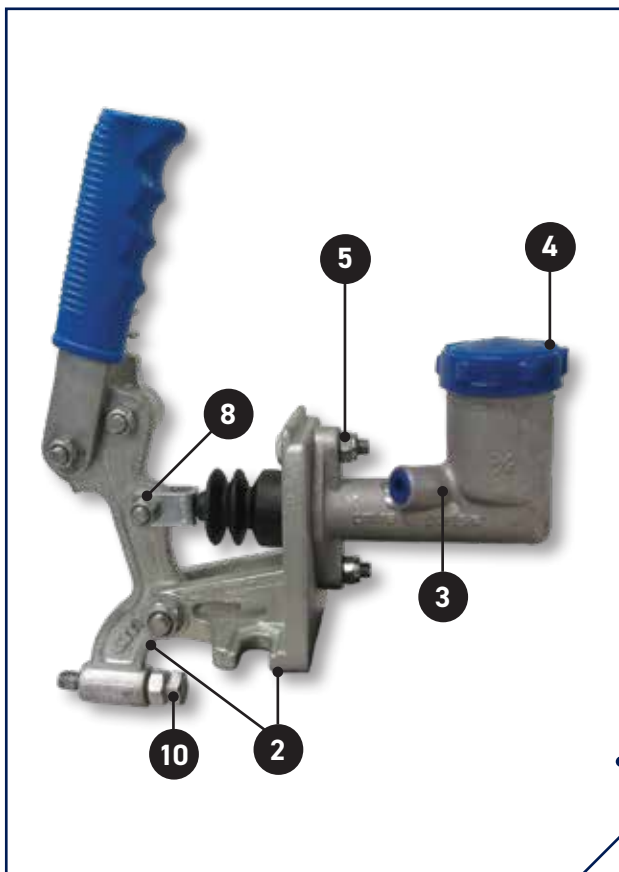
MECHANICAL OVERRIDE BASEPLATE



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

*No longer available

MASTER CYLINDER & BRACKET ASSEMBLY

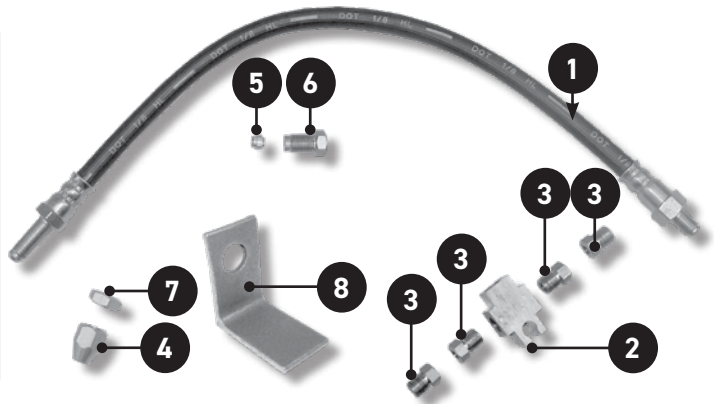


SPARE PARTS

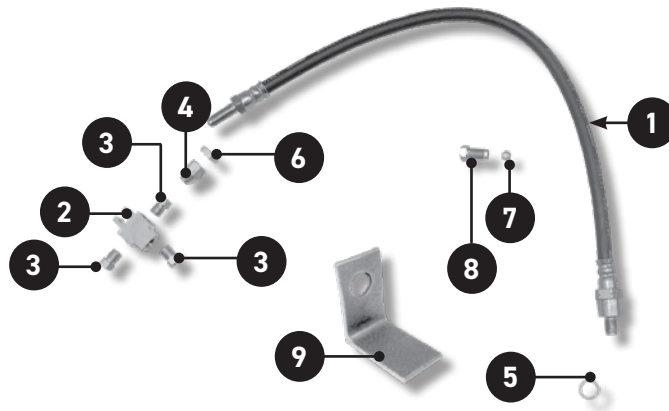
| ITEM | DESCRIPTION | FOLDING LEVER | BLISTER PACK (QTY 1) |
|------|---|---|----------------------|
| 1 | ³ / ₄ Master Cyl & Bracket Assembly Complete | TE194425FZ | |
| | ⁷ / ₈ Master Cyl & Bracket Assembly Complete | TE194427FZ | |
| 2 | Bracket & Lever Assembly | TE194424FZ | |
| 3 | ³ / ₄ Master 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)t | 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 ⁵ / ₁₆ UNC | |

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



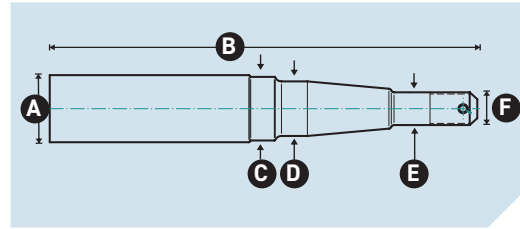
| ITEM | DESCRIPTION | TE5HKJ1 | TE5HKJ2 | TE5HKTR1 |
|------|---|-------------|----------------------------|--------------|
| 1 | Hose 500mm | TE195HDJ x2 | TE195HDJ x4 | TE195HDI x2 |
| 2 | Brass Tee / Cross | 333333 x1 | TE195M7024 x1 333333 x1 | 333333 |
| 3 | Tube Nut (male) | 313031 x3 | 313031 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

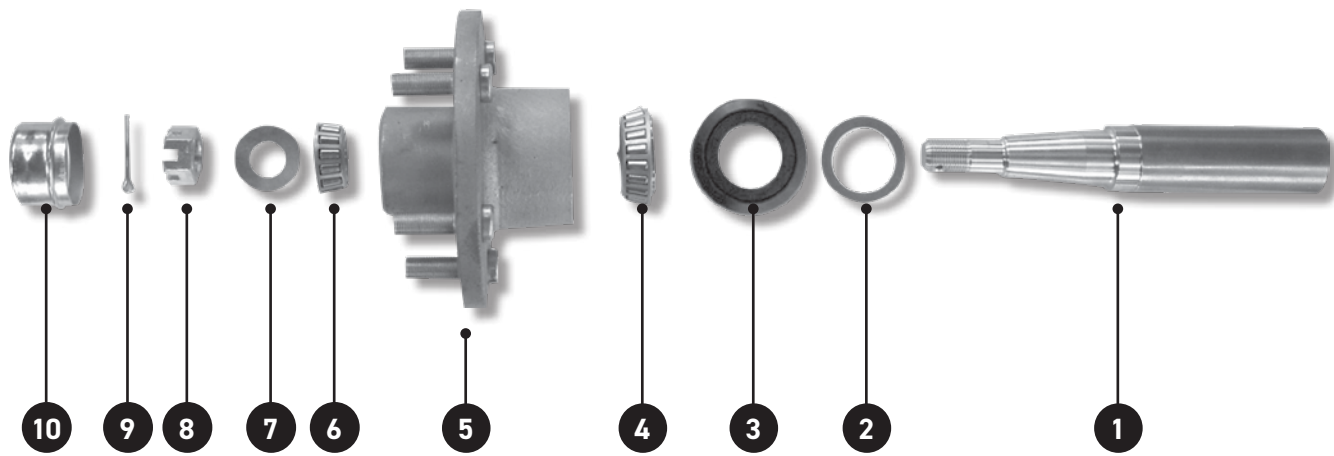
CM axles are all CNC machined from 1045 medium tensile steel.

| 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

SPARE PARTS

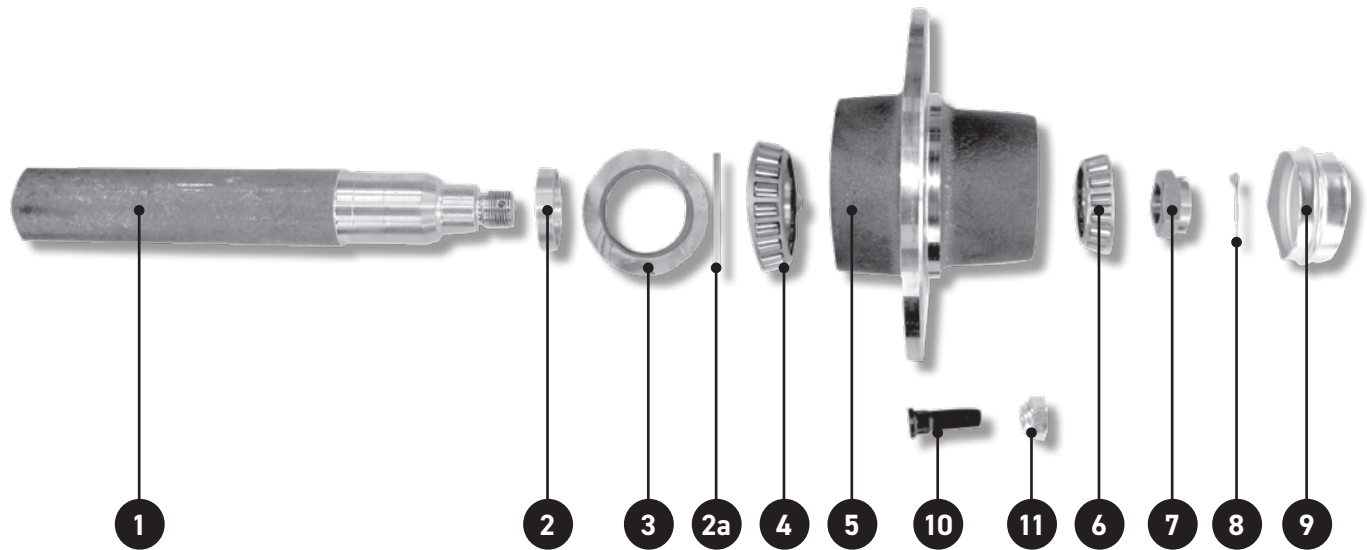


| ITEM | DESCRIPTION | 1500KG | 1750KG | July 07 > 2000KG | 2750KG |
|------|--------------------------|--|------------------------------------|------------------------------------|---------------------------------------|
| 1 | Axle | 9"= 143917CNZ 12"= TE190102 | 12"= TE190107 — | 12"= TE190110 — | 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 |

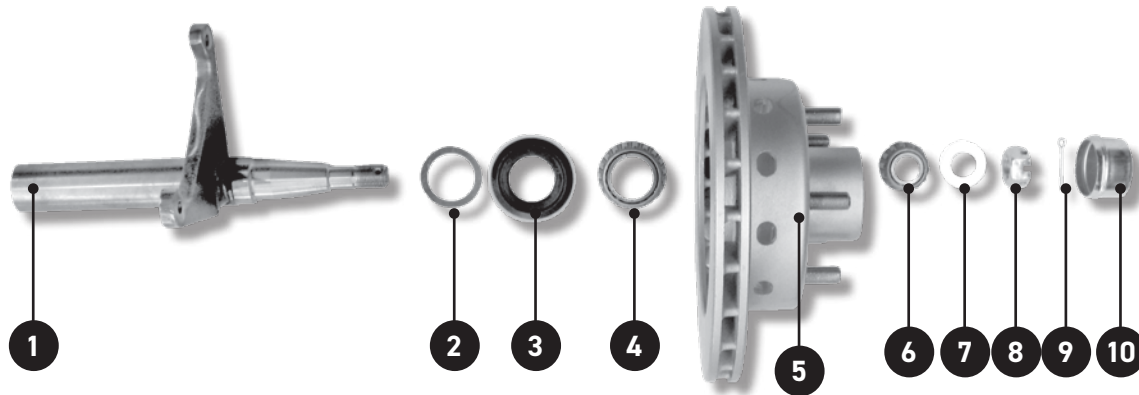
3000 / 4000 / 6000 / 8000KG



SPARE PARTS

| 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 |

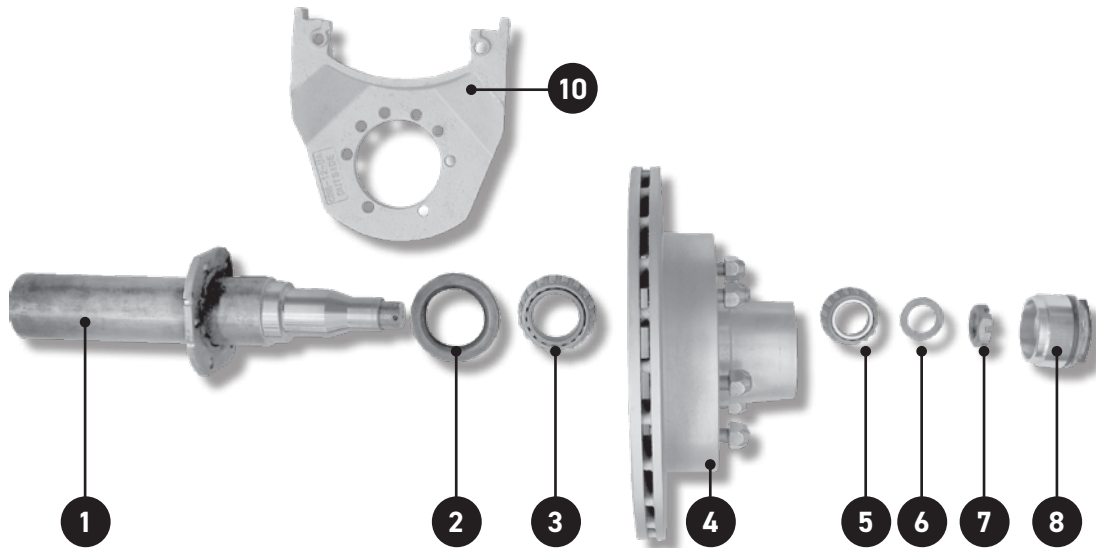
1500 / 1750 / 2000KG ONE-PIECE VENTED ROTOR



| 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 3/4 UNF | TE190178 | TE190178 | TE190178 |
| 9 | Split pin M4x32 | TE190190-01 | TE190190-01 | TE190190-01 |
| 10 | Dust Cap | TE190161 | TE190161 | TE190164 |

SPARE PARTS

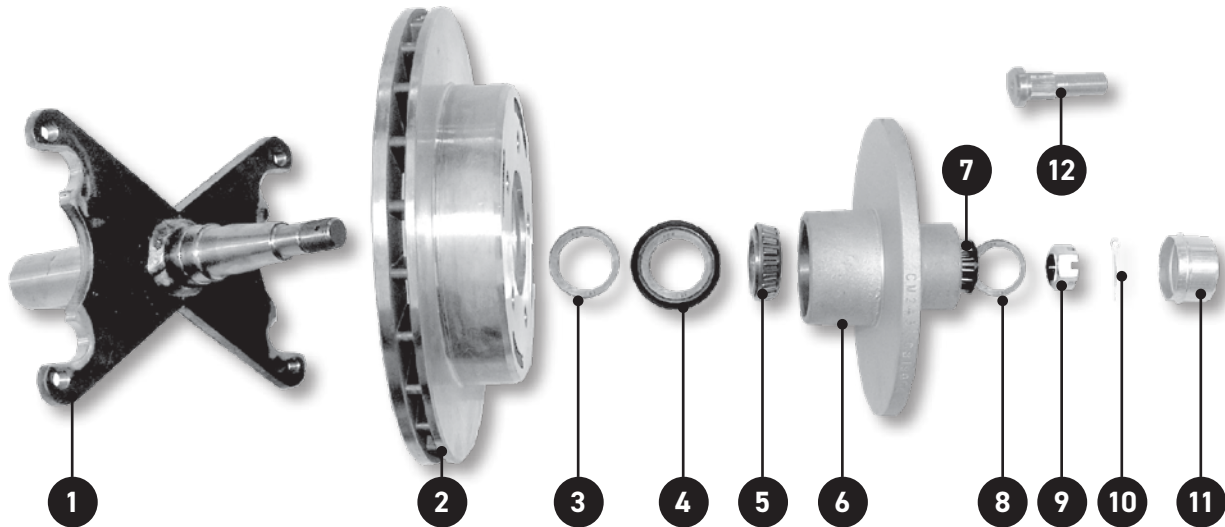
2750KG SINGLE-PIECE VENTED ROTOR



| KEY | DESCRIPTION | 2750KG |
|-----|---|---------------------------------------|
| 1 | Axles | TE192219-K |
| 2 | Hub Seal 2 Lip Marine Seal Collar Hub Seal Marine | TE192KU10 TE190148-4 TE190148-3 |
| 3 | Inner Bearing Assembly | TE190189-26 25580/20 |
| 4 | Rotor Hub | TE192KU2 (305mm/12") |

| KEY | DESCRIPTION | 2750KG |
|-----|------------------------|----------------------------|
| 5 | Outer Bearing Assembly | TE190189-37 15123/15245 |
| 6 | Washer | TE190190-10 |
| 7 | Slotted Nut | TE190181 |
| 8 | Dust Cap | TE190166 |
| 10 | Caliper Mounting Plate | TE192KCMB12U |

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

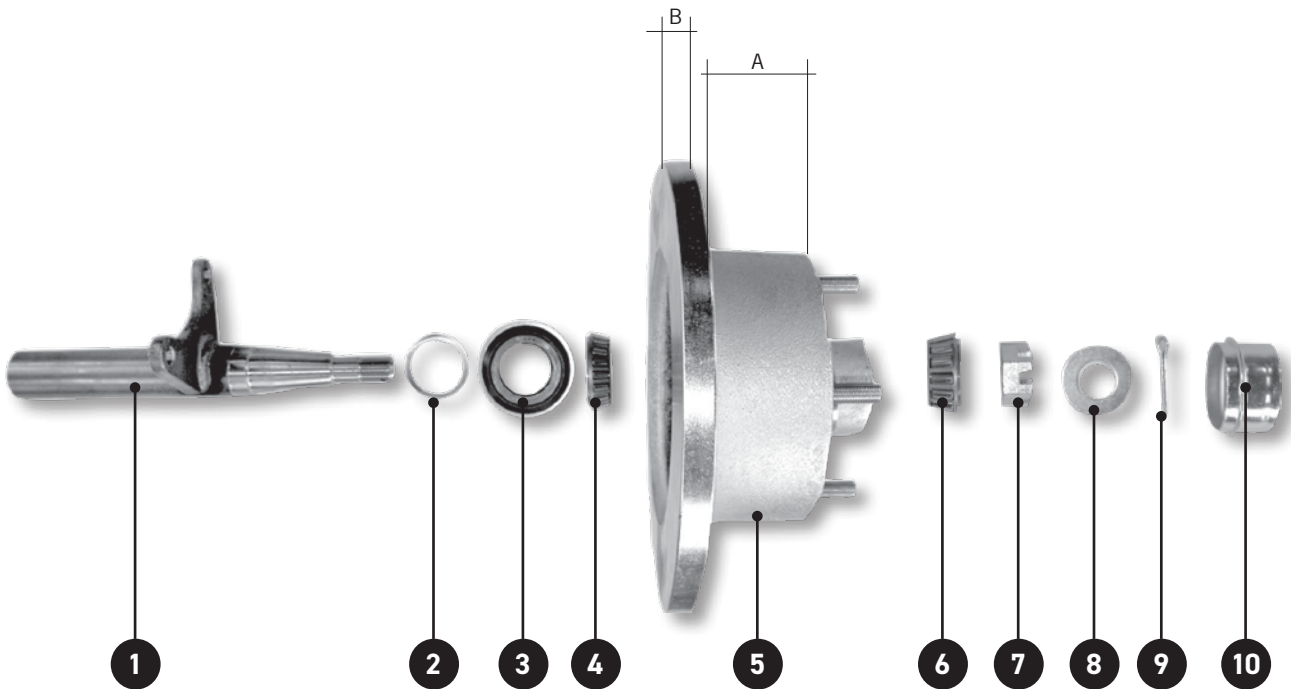


| | DESCRIPTION | 1500KG | 1750KG | 2000KG | 3500KG |
|----|------------------------|-----------------|-----------------|-----------------|-----------------|
| 1 | Axle Single Mount | TE192212-K | TE192215-K | TE192218-K | — |
| | Axle Twin Mount | TE192212-KD* | TE192215-KD* | TE192218-KD* | TE192220-KD |
| 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 | TE190189-22 | TE190189-09 | TE190189-24 |
| | | LM11949/10 | LM12749/10 | 30205 | 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 | TE190161 | TE190164 | TE190171 |
| | | 1.78" | 1.78" | 52mm | 3" |
| 12 | Wheel Stud 7/16 UNF | TE8WS07-K | TE8WS07-K | — | — |
| | | 1/2 UNF | TE8WS08-K | TE8WS08-K | TE8WS08-K |

*No longer available

**Please advise stud pattern required

1500 / 1750KG SINGLE SOLID PIECE ROTOR



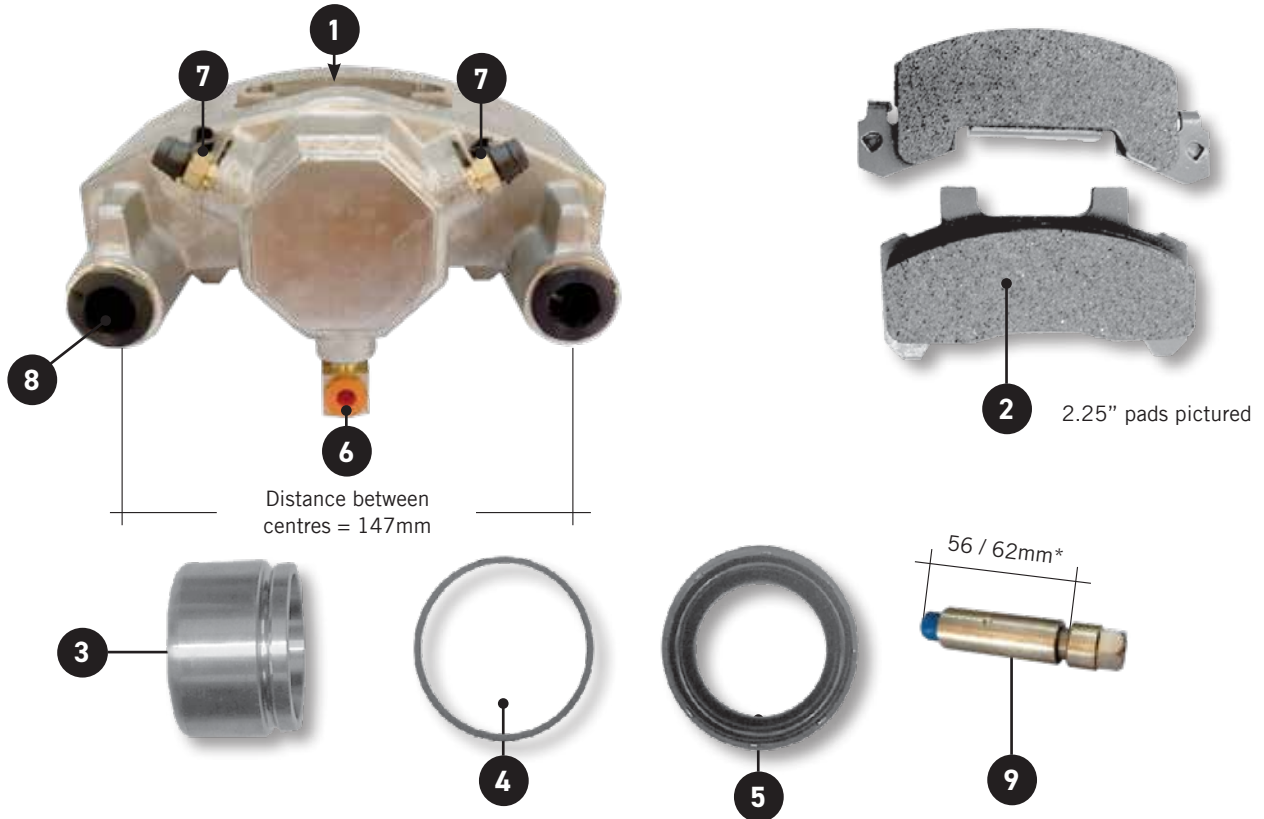
SPARE PARTS

| 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 |
| 5** | Disc Rotor | TE192237 A = 63mm B = 13mm Diameter = 255mm | TE192237 A = 63mm B = 13mm Diameter = 255mm |
| | | TE192236* A = 65.5mm B = 15mm Diameter = 260mm | TE192236* 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"



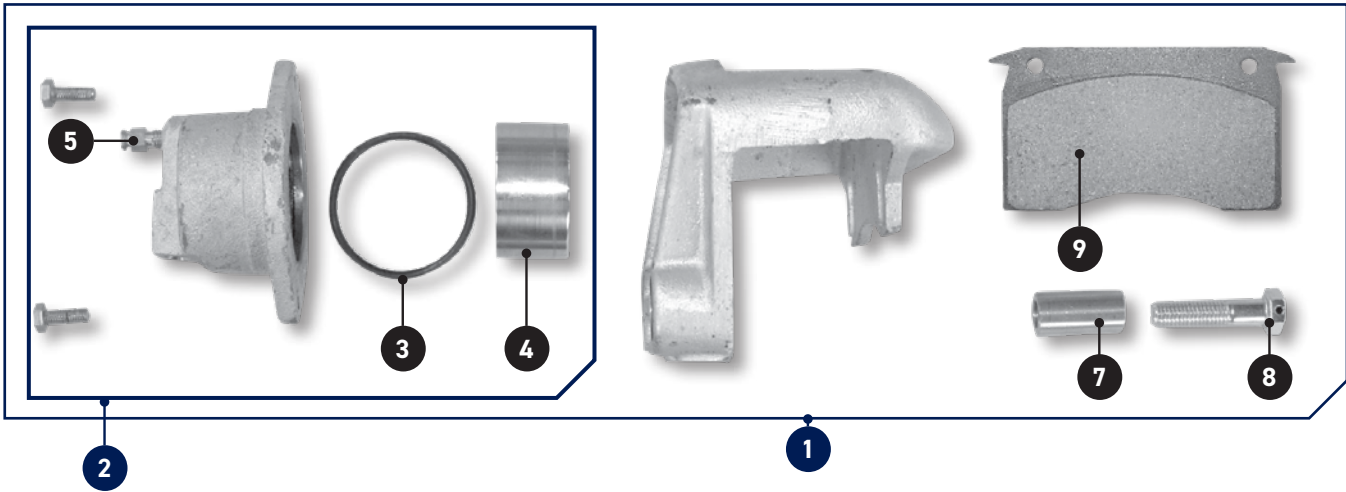
| ITEM | DESCRIPTION | 2.25" / 57mm PISTON | 2.50" / 63.5mm PISTON |
|------|--|---|---|
| 1 | Caliper Complete. SCAD Plated | TE192KDBC225 | TE192KDBC250 |
| | Caliper Complete. Gold Line (not marine) | TE192KDBC225V | |
| | Caliper Complete. Stainless Steel | TE192KDBC225SS | TE192KDBC250SS |
| 2 | 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 | TE192K225B00T | TE192K250B00T |
| 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

| TE192K2250HK | DEEMAX CALIPER SEAL OVERHAUL KIT - 225 (Suits one caliper) | | |
|--------------|--|-------------------------------------|---|
| | TE192K225B00T | 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) | | |
| | TE192K250B00T | RUBBER BOOT 2.25" KODIAK DEEMAXX | 1 |
| | TE192K250SEAL | SEAL PISTON 2.25" KODIAK DEEMAXX | 1 |
| | TE192KBSB | CALIPER SLIDE BUSH DEEMAXX & KODIAK | 2 |

SPARE PARTS

ARK



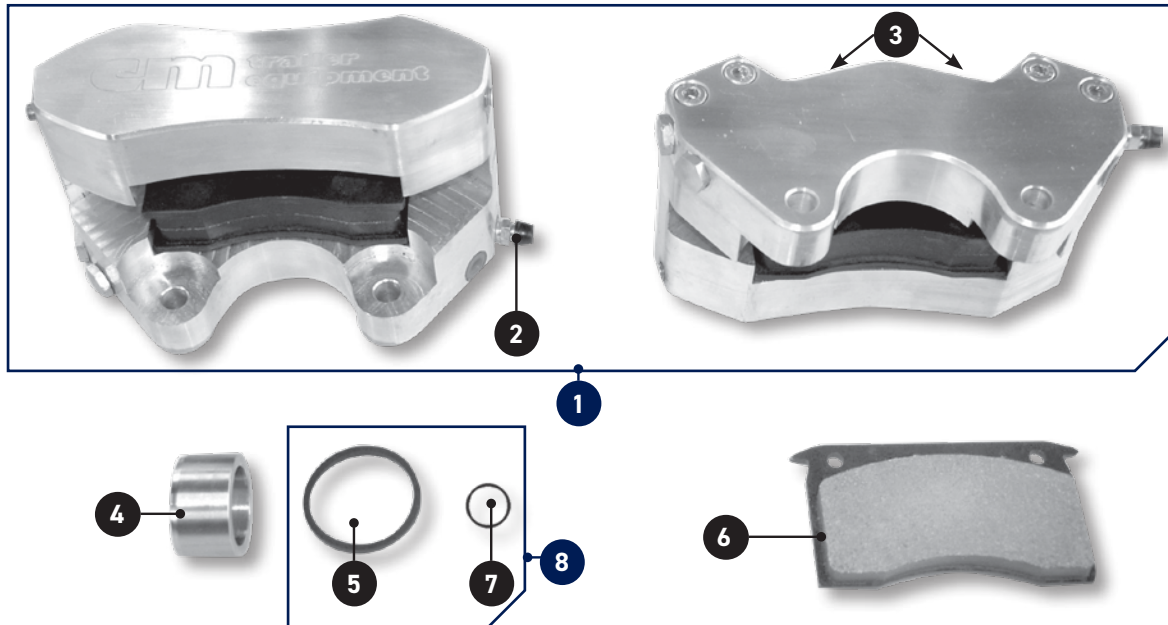
| ITEM | DESCRIPTION | PART NO |
|------|----------------------|-----------|
| 1 | Caliper Complete | TE192246 |
| 2 | Body/Piston Assembly | TE192252* |
| 3 | Piston Seal | TE192253 |
| 4 | Piston | TE192254 |
| 5 | S/S Bleeder | TE192255 |

| 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

SPARE PARTS

CM VIPER II

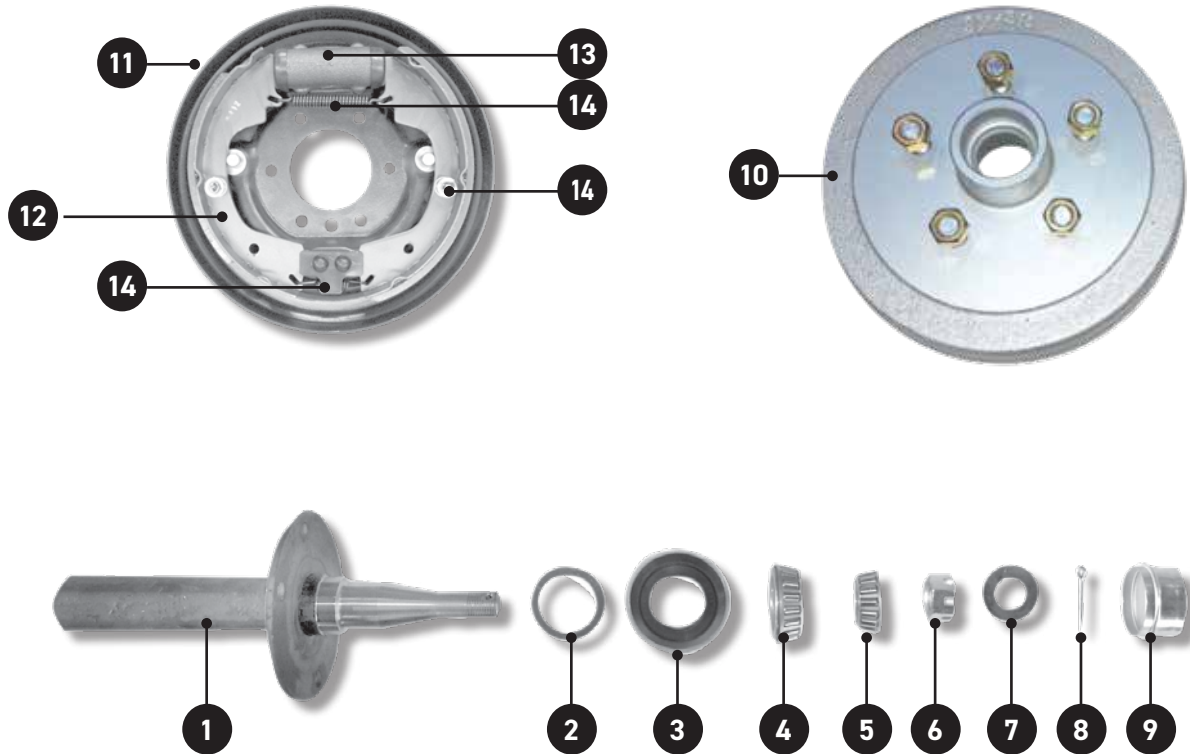


| ITEM | DESCRIPTION | PART NO |
|------|-------------------|-------------|
| 1 | Caliper Assembly | TE192244* |
| 2 | Bleeder | TE192267-0 |
| 3 | Brake Pad Pin Kit | TE192268-3* |
| 4 | Piston | TE192266 |

| 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



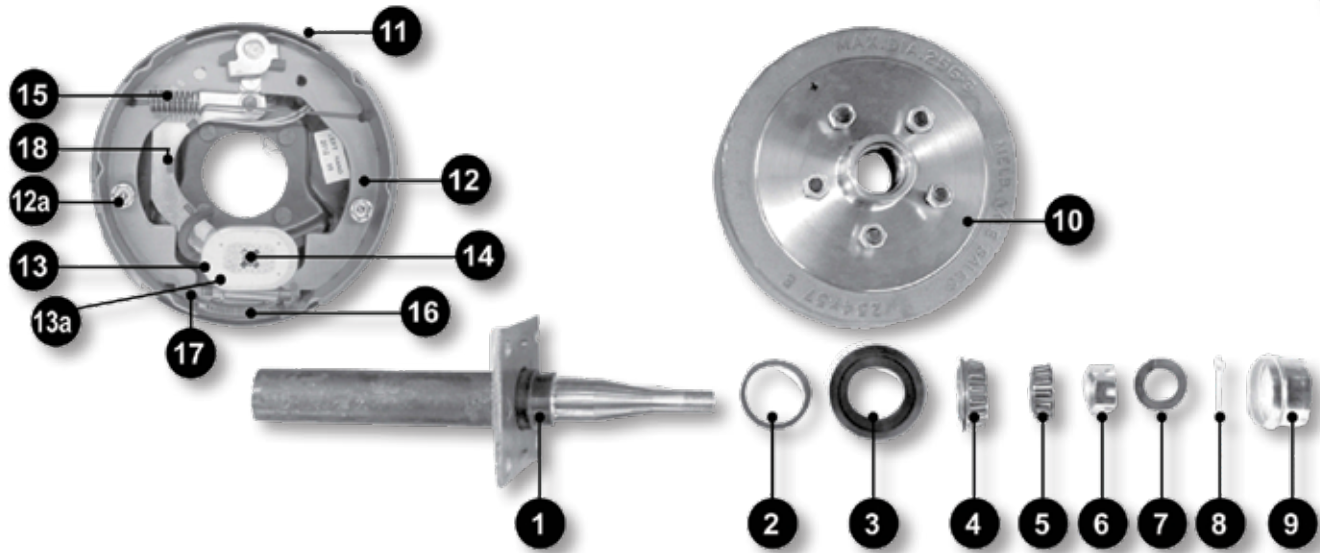
1500kg - 9" x 1.75" brakes pictured

| 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 - Dec 09 onwards TE192221ZF 4.5 x 5 x 1/2" - Dec 09 onwards | 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 | TE192272L or R | TE192270L or R |
| 12 | Brake Shoes | TE192278 (set of 4) | TE192278C* (set of 2) | |
| 13 | Brake Cylinder | 3190101 | — | |
| 14 | Return springs & retainer pin kit | TE192283 | — | |

*No longer available

SPARE PARTS

1500 / 1750 / 2750 / 3500KG



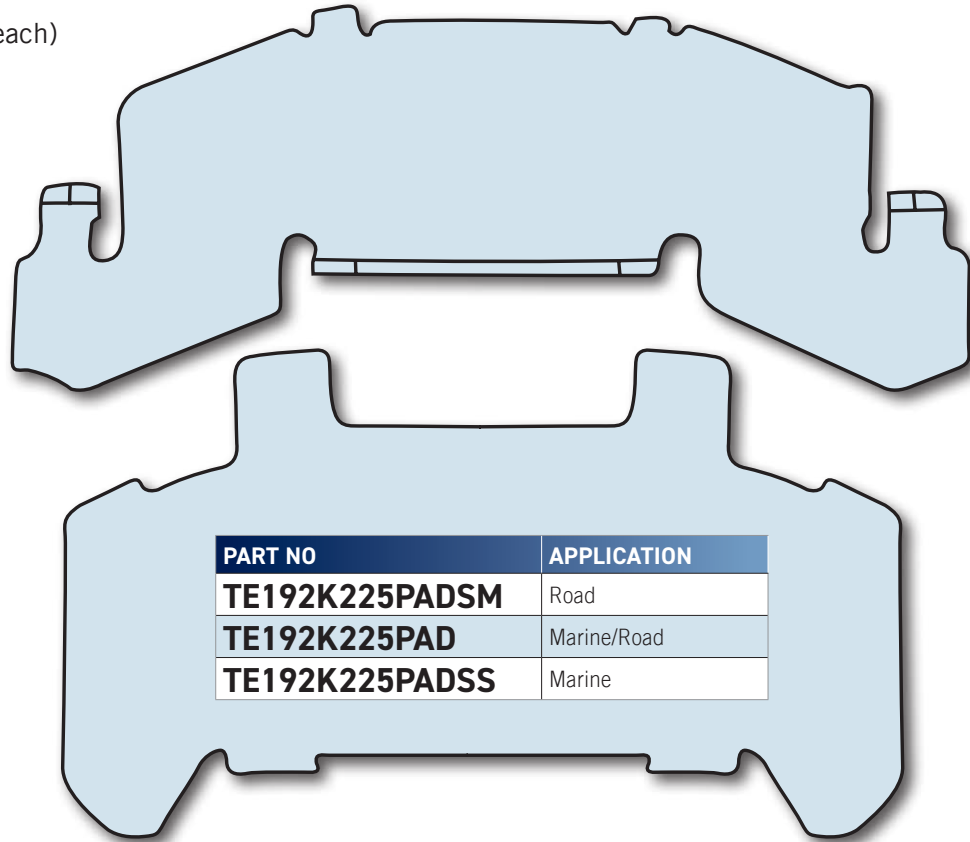
SPARE PARTS

| 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 |
| | | 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 Retainer Set | TE192279 | TE192279 | TE192279 | — | — |
| 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

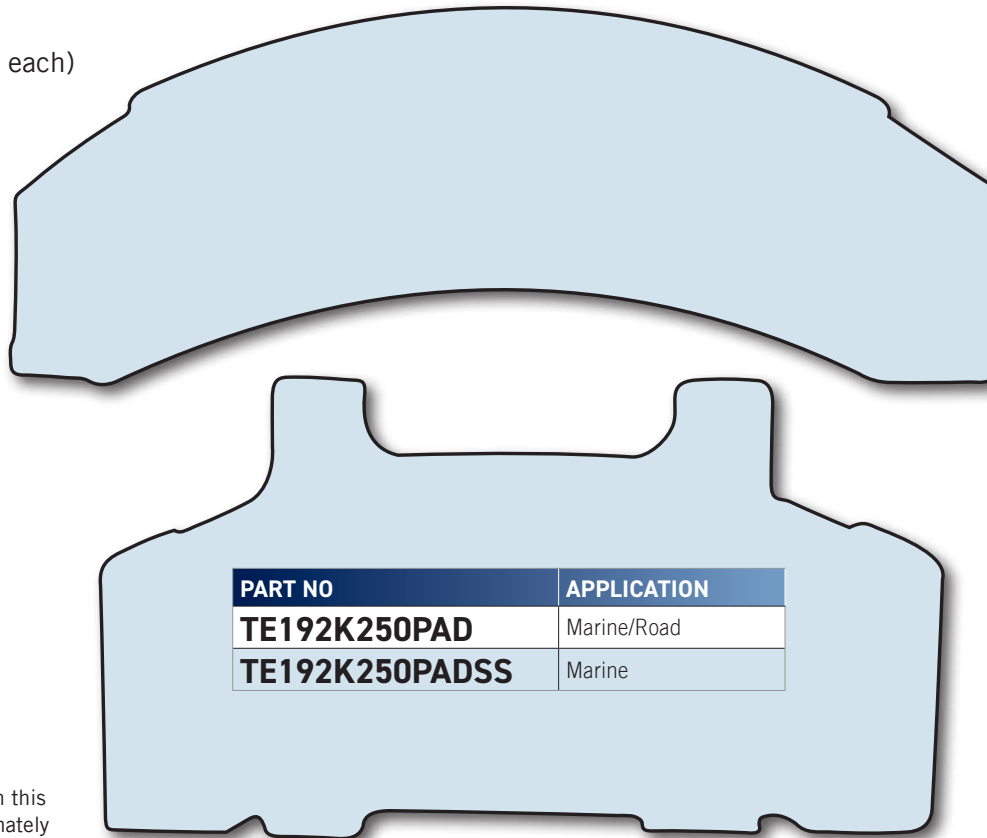
2.25" DEEMAX / KODIAK

Set of 4 (2 of each)

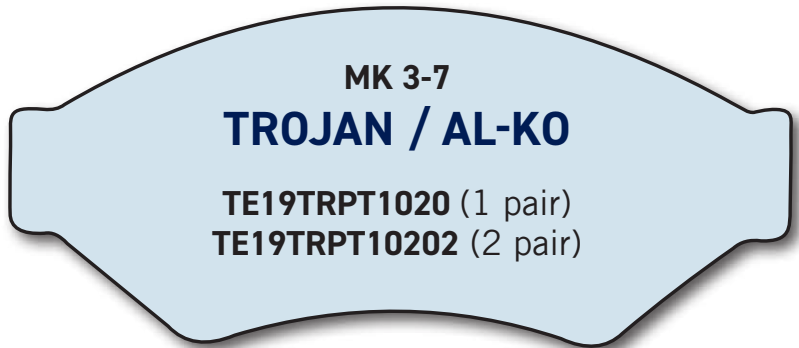
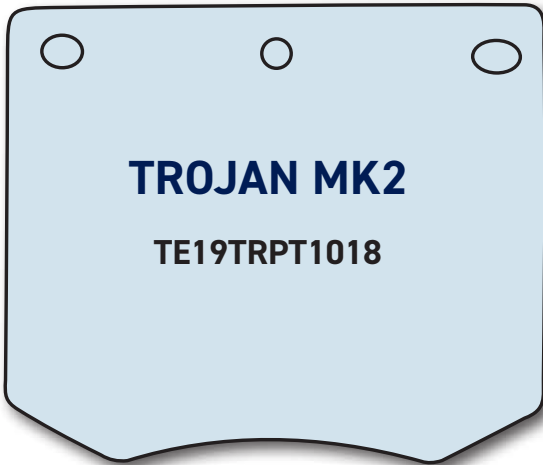


2.50" DEEMAX / KODIAK

Set of 4 (2 of each)



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



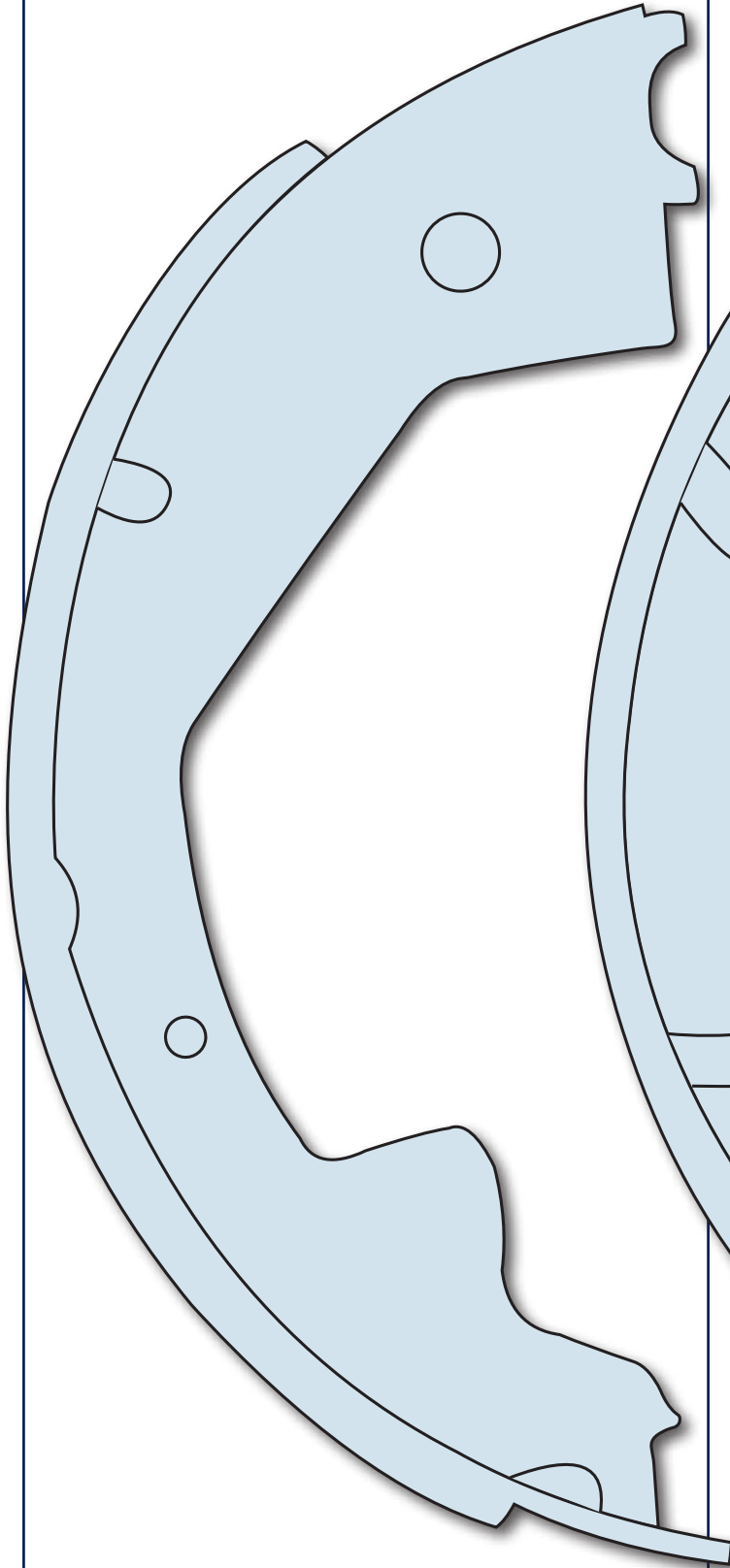
SPARE PARTS

*No longer available

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

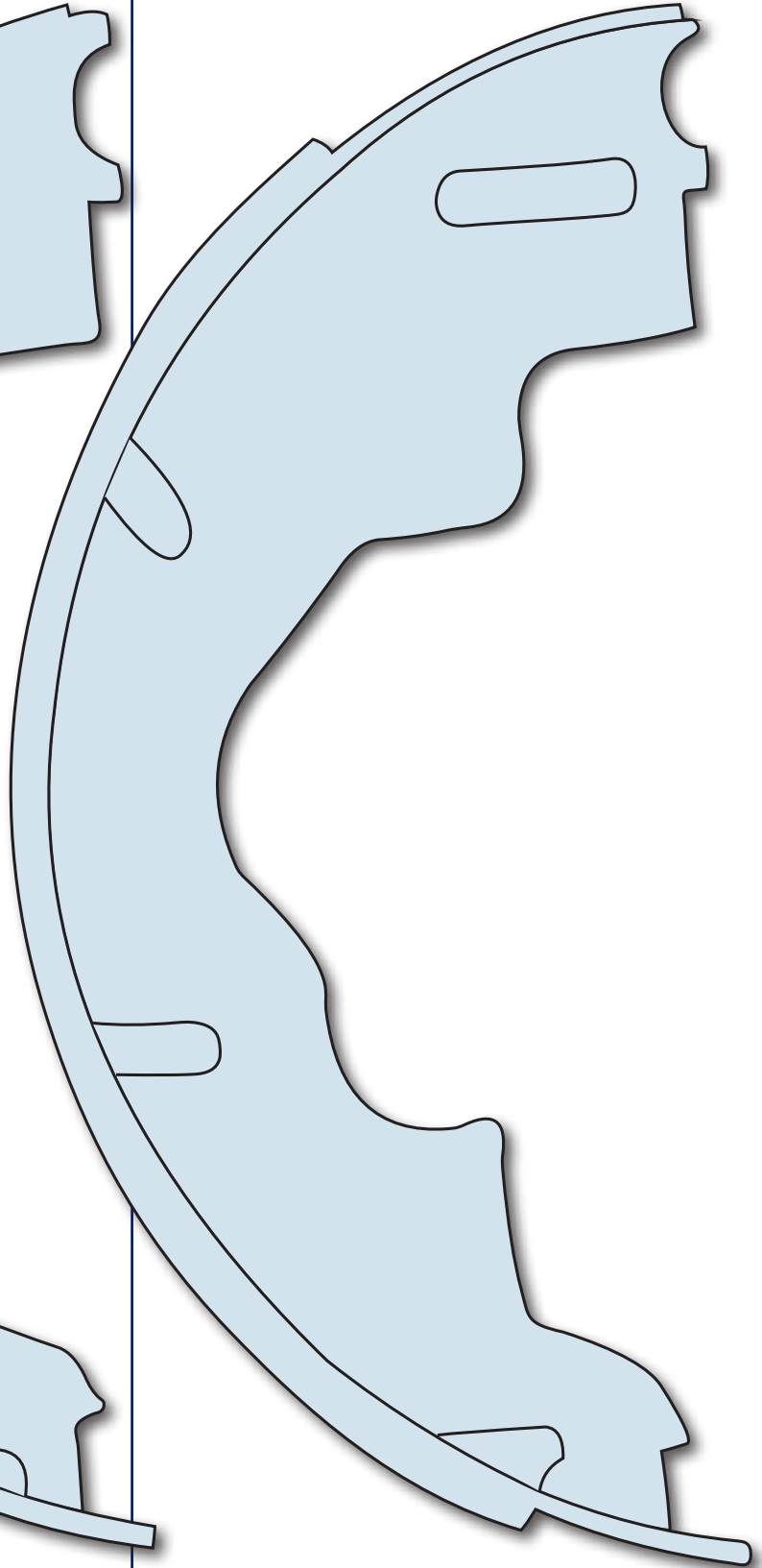
DEXTER TYPE

TE192280 DEXTER BRAND



AL-KO TYPE

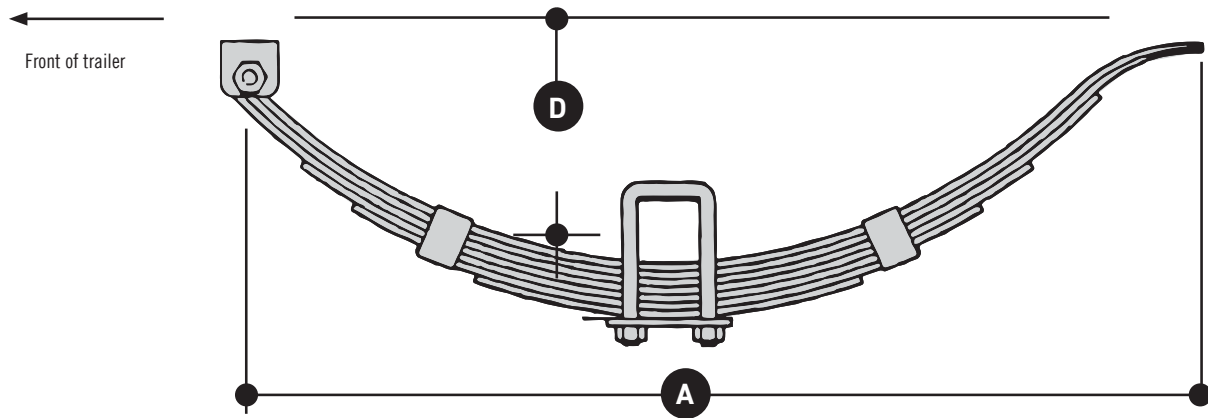
339120 Primary (Front)
339121 Secondary (Rear)



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

SPARE PARTS

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 | 1/2 | 170 | 5 x 6mm | Paint |
| TE197M1250 | 760 | 45 | 1/2 | 170 | 6 x 6mm | Paint |
| TE197P1000 | 760 | 45 | 1/2 | 170 | 1 x 16mm | Galv |
| TE197P1400 | 760 | 45 | 1/2 | 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 |

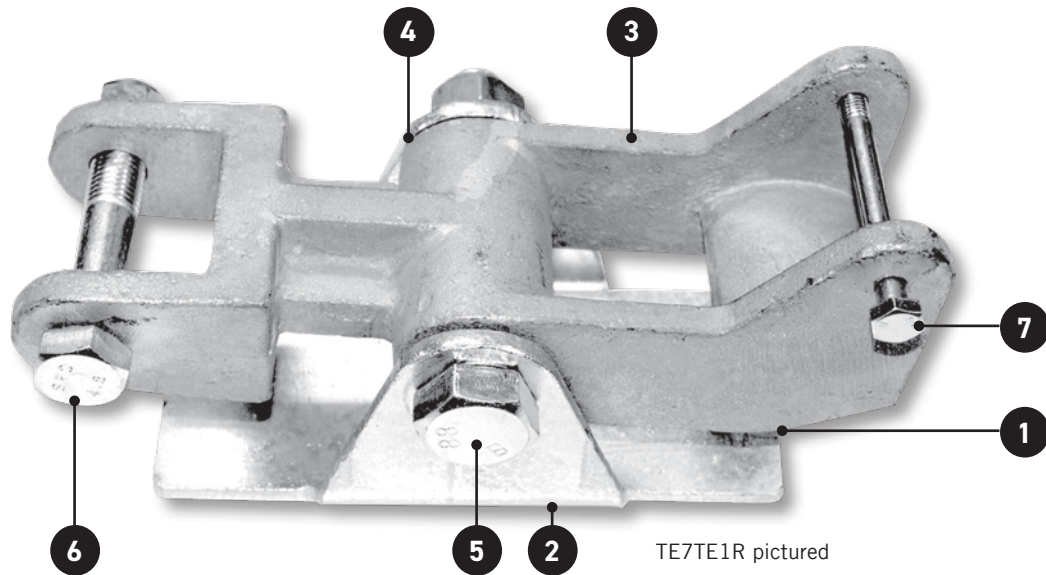
SPARE PARTS

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)

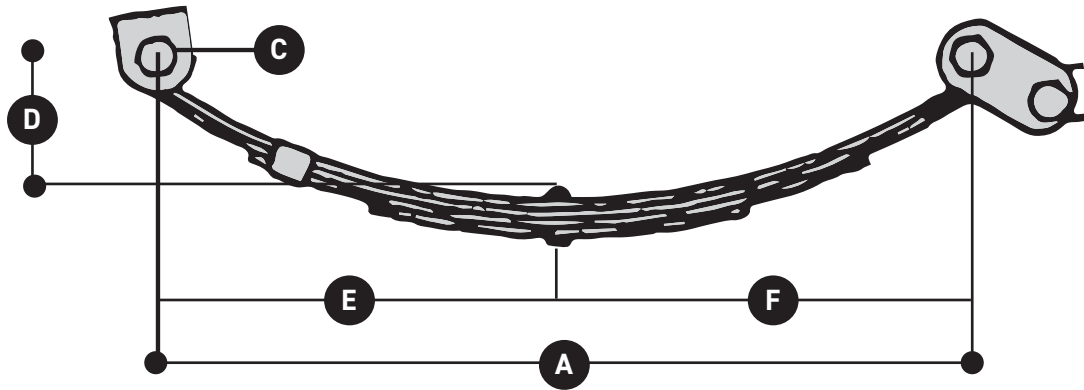


Distance between centres
= 150mm

SPRING OVERHAUL KITS

| TE197SSOHK | | SINGLE SPRING OVERHAUL KIT | |
|------------|-----------------------|--|----|
| | TE197BE16090G | BOLT M16x90 GALV | 2 |
| | TE197NN16G | NYLOC NUT GALV M16 (0.4-0T) | 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 (0.4-0T) | 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 (0.4-0T) | 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 |
| | TE197NN16G | NUT M16 NYLOC SILVER ZINC | 8 |
| | TE197BE16100G | SPRING ROLLER SUIT ROCKER ROLLER SPRING | 4 |
| | TE197BHT10090Z | SPRING R/ROLLER CENTRE PIN M18 X 97mm | 2 |
| | TE197NN10 | NUT M18 NYLOC SILVER ZINC | 2 |
| | TE197BHT20120Z | SPRING BUSH NYLON 5/8x7/8x60mm nb58 | 4 |

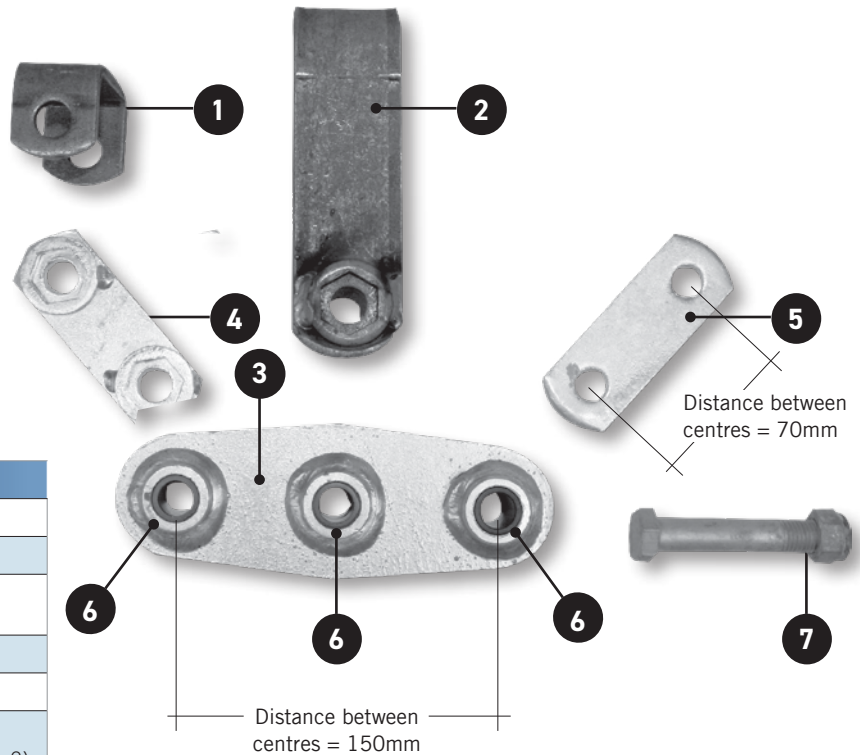
EYE - EYE SPRINGS



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 |

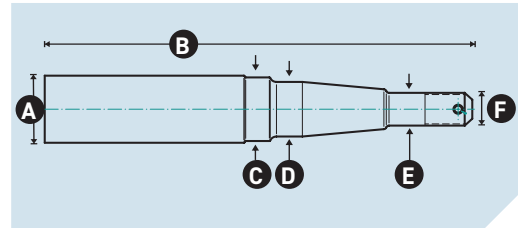
EYE - EYE TYPE



| 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 |

SPARE PARTS

STUB AXLES NON-BRAKED

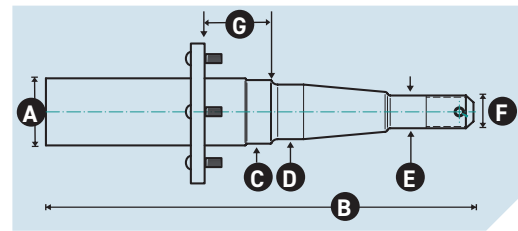


| PART NUMBER | A | B | C | D | E | F | CAPACITY (LB/PAIR) |
|-------------|------|-----|----|-------|-------|--------|--------------------------|
| TE190119 | 63.5 | 380 | 57 | 44.43 | 31.73 | 1" SAE | 5200, 6000, 70000 & 8000 |

STUB AXLES BRAKED



TE192219-K



| 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



**TE190181
SLOTTED NUT 1" SAE 14TPI**

Suits USA spindle #42



**TE192KU8
LOCK WASHER FOR SLOTTED NUT**

Single tab 25.4mm
ID x 39.6mm OD



**TE191UFP32418
RETAINER FOR AXLE NUT**

Suits UFP 13/16"



**TE190181-1
WASHER 25.4MM ID X 42MM 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 | |
| TE190125* | 3500 | 5.50" x 6 x 1/2" | L44649/10 & L68149/11 | |
| 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 |
|-------------|--------------------|-----|-------------------|--------------------------|------------|
| TE192226C* | 3500LB | 10" | 4.50" x 5 x 1/2" | L44649/10 & L68149/11 | Unbranded |
| 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 37.

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&R
UFP HYDRAULIC CALIPER ASSY**

Zinc plated



OTHER ITEMS YOU MAY BE INTERESTED IN ?

DUST CAPS
SEE PAGE 38



WHEEL STUDS
SEE PAGE 39



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 124 HUB BEARING & SEAL CHART



SPARE PARTS

KAITAIA

Saeco Wilson
☎ 09 408 0960
(Spanheke Engineering Supplies)
36 Matthew's Ave

KERI KERI

BNT Keri Keri
☎ 09 401 7518
Cnr General Gates Ave & Mill Ln

WHANGAREI

BNT Whangarei
☎ 09 438 3666
19-21 Herekino St

Donovan's Trade Supplies
☎ 09 438 7028
97 Port Rd

WARKWORTH

BNT Warkworth
☎ 09 422 3601
33 Woodcocks Rd

SILVERDALE

BNT Silverdale
☎ 09 900 4224
30 Foundry Rd

WHANGAPAROA

BNT Whangaparoa
10 Karepiro Dr
☎ 09 424 6088

AUCKLAND AREA

BNT Kumeu
☎ 09 412 5698
3 Shamrock Dr

BNT Albany
☎ 09 414 2436
A/3, 4 Tawa Dr

BNT Glenfield
☎ 09 444 1079
Unit 1/22 Hillside Rd

BNT New Market
☎ 09 304 1055
36 Burleigh St, Eden Tce

BNT Henderson
☎ 09 837 2996
3 Waipareira Ave

BNT New Lynn
☎ 09 826 0043
18 Stock St

BNT Otahuhu
☎ 09 276 7124
11-13 Huia Rd

BNT Glen Innes
☎ 09 570 5621
44 Elizabeth Knox Pl

BNT East Tamaki
☎ 09 253 9095
2/25 Highbrook Dr



BNT Manukau
☎ 09 262 0252
5 Druces Rd

BNT Manukau (Comm)
☎ 09 262 3201
26a Ash Rd

BNT Papakura
☎ 09 299 6205
7 Walters Rd

BNT Onehunga
☎ 09 634 5710
55 Church St

Marine West Limited
☎ 09 835 2157
13 Bruce McLaren Rd, Henderson

Sparex NZ
☎ 09 634 4121
5142 Neilson St, Onehunga

The Trailer Shop
☎ 09 444 5571
5/95 Elllice Rd, Glenfield

PUKEKOHE

BNT Pukekohe
☎ 09 237 0057
157A Manukau Rd

Wallace Heron
☎ 09 238 3281
143 Manukau Rd

Hardware Eng Supplies
☎ 09 238 1801
139 Manukau Road

THAMES

BNT Thames
☎ 07 868 7034
306 Pollen St

MORRINSVILLE

Gibbons Engineering
☎ 07 889 6029
114A Avenue Rd

Work Place Eng Supply Co
☎ 07 889 7681
Unit 2,144 Thames St

HAMILTON

BNT Hamilton
☎ 07 847 3079
14 Somerset St

BNT Te Rapa
☎ 07 849 3560
4 Norris Ave

Hand Tool House
☎ 07 847 4994
25 Somerset St

TradeZone TeRapa
☎ 07 847 4994
82 Vickery St, TeRapa

Wholesale & Ind Supplies
☎ 07 846 0328
49 King St

CAMBRIDGE

Ross Todd Eng & Supplies
☎ 07 823 0909
1 Lower Alpha St

BNT Cambridge
☎ 07 800 1800
41 Shakespeare St

TE AWAMUTU

Stewart & Cavalier
☎ 07 871 7062
1317 Alexandra St

BNT Te Awamutu
☎ 07 870 3127
421 Rickit Rd

OTOROHONGA

Lupton Engineering
☎ 07 873 8733
26 Progress Dr

PUTARURU

Putaruru Hire
☎ 07 883 7642
19 Taupo St

TAURANGA / MT MAUNGANUI

BNT Tauranga
☎ 07 578 0805
67 9th Ave

BNT Mt Maunganui
☎ 07 574 1326
Unit 6, 17 Newton St

Corrin Eng. Specialist
☎ 07 543 0092
7/61 Maleme Street

Holmes Industrial Supplies
☎ 07 575 0504
798 Hull Rd, Mt Maunganui

WHAKATANE

BNT Whakatane
☎ 07 308 9494
6 Peace St

Tradezone Whakatane
☎ 07 308 6937
26 Te Tahi St

GISBORNE

BNT Gisborne
☎ 06 868 9112
331 Palmerston Rd

Eastland Oil & Engineering Supplies
☎ 06 868 6626, 61 Parkinson St

Eastland Trailers & Towbars
☎ 06 8677 88, 8 Inness Street

Tradezone Gisborne
☎ 06 868 8214
6 Tupaea St, Awapuni

TAUPO

BNT Taupo ☎ 07 900 6500
33 Oruanui St

Taupo Brake & Clutch
☎ 07 378 7429
89 Tauhara Rd

TOKOROA

Holster Supplies
☎ 07 886 1701
Chambers St

ROTORUA

BNT Rotorua
☎ 07 347 7872
7 Waterford St

TradeZone Rotorua
☎ 07 347 9110
33 Depot St

NAPIER

BNT Napier
☎ 06 834 3800
45 Thackeray St

Tradezone Hawkes Bay
☎ 06 842 2304
69 Austin St

HASTINGS

BNT Hastings
☎ 06 876 9139
Cnr Tomoana Rd & Queen St

Tradezone Hastings
☎ 06 870 4450
506 Queen St West

WAIPUKURAU

Longridge Panel Beaters
☎ 06 858 9608
39 Takapau Rd

Stevenson & Taylor Ltd
☎ 06 858 6041
2294 Takapau Rd

WHANGANUI

BNT Wanganui
☎ 06 345 6580
1a Wilson St

TradeZone Whanganui
☎ 06 344 4804
362 Heads Rd



HAWERA

Croucher & Crowder
☎ 06 278 4185
8 Nelson St

BNT Hawera
☎ 06 278 1108
125 Princess St

Normanby Fibreglass Ltd
☎ 06 272 8162
746 Ketemarae Rd

MANAIA

D Jennings Ltd
☎ 06 274 8563
68 Main South Rd

NEW PLYMOUTH

BNT New Plymouth
☎ 06 758 0463
114 Gill St

Auto Brake & Clutch
☎ 06 769 5235
173 Gill St

Central Auto Parts
☎ 06 757 9989
7 Hurlstone Dr

Chooks Pumping & Eng
☎ 06 752 2112
1268a Egmont Rd

Croucher & Crowder
☎ 06 758 5133
170 Gill St

STRATFORD

Stratford Engineering
☎ 06 765 8229
Cnr Fenton & Juliet St

OHAKUNE

Ohakune Engineering Ltd
☎ 06 385 8952
29 Burns St

FEILDING

Central Auto Parts Ltd
☎ 06 323 0903
14 Eyre St

Sparex NZ
☎ 06 323 7329
20 Fergusson St

PALMERSTON NORTH

BNT Palmerston North
☎ 06 358 1039
Cnr Walding & Lombard St

Central Auto parts Ltd
☎ 06 353 5200
84 Armstrong St

TradeZone Palm Nth
☎ 06 357 8888
711 Tremaine Ave

LEVIN

BNT Levin
☎ 06 367 5039
150 Oxford St

MASTERTON

BNT Masterton
☎ 06 370 0039
6 Harlequin St

PARAPARUMU

BNT Kapiti
☎ 04 296 6024
112 Kapiti Rd

PORIRUA

BNT Porirua
☎ 04 237 0092
23 Prosser St

UPPER HUTT

BNT Upper Hutt
☎ 04 900 6161
58 Main Street

The Trailer Centre Ltd
☎ 04 527 4064
2 Fraser Crescent

LOWER HUTT

BNT Lower Hutt
☎ 04 570 1233
9 Downer St

Hutt City Auto Parts
☎ 04 589 0871
24 Victoria Street, Alicetown

WELLINGTON

BNT Wellington
☎ 04 801 9266
300 Taranaki St

TAKAKA

Tradezone Takaka ☎ 03 525 9847
46 Motupipi St

MOTUEKA

Multiparts Direct ☎ 03 528 7002
19 King Edward St

TASMAN / MAHANA

Moutere Caravans ☎ 03 543 2668
219 Old Coach Rd, Upper Moutere

NELSON

BNT Nelson ☎ 03 539 1082
55 Vanguard St

BNT Richmond ☎ 03 543 8381
74 Oxford St

Nelson Caravans ☎ 021 802 710
106 Tahunanui Drive

Newport Light Engineering ☎ 03 539 6200
29A Parkers Rd

Opel Industries ☎ 03 547 8000
35 Quarantine Rd, Stoke

Saeco Wilson ☎ 03 547 4888
79 Quarantine Rd

BLenheim

Bearing & Accessory Centre
☎ 03 578 6019
51 Main St

BNT Blenheim
☎ 03 579 1026
Cnr Opawa St & Park Tce

Motor-Kanix & Light Engineering
☎ 03 579 9494
40 Grove Road

WESTPORT

B W Palmer Ltd
26 Wakefield St
☎ 03 789 7033

GREYMOOUTH

BNT Greymouth ☎ 03 768 0914
6 Charles O'Connor St

Smith Speed & Spares ☎ 03 768 5711
28-40 Arney St

Westland Eng. Supplies ☎ 03 768 5720
10 Boundary St

HOKITIKA

Bridge Motors ☎ 03 756 8001
302 Kaniere Rd

KAIKOURA

D&E Kaikoura
80 Beach Rd
☎ 03 319 7119

WAIU

Ross Forbes Motors Ltd
12 Lyndon St
☎ 03 315 6130

RANGIORA

UDU Engineering ☎ 03 313 9221
10 Grant Pl

BNT- Rangiora ☎ 03 310 6159
319 Flaxton Rd

Rangiora Engineering & Structure
☎ 03 313 3425 326 Flaxton Rd

OXFORD

Womersley Industries Ltd
☎ 03 312 4521, 82 High St

**WAIKOUAITI**

Waikouaiti Auto & Engineering
☎ 03 465 7797
128 Main Rd, Waikouaiti

DUNEDIN

BNT Dunedin
91 Vogel St
☎ 03 477 1000

BNT South Dunedin
418 Andersons Bay Rd
☎ 03 455 2905

Commercial Transport Spares
☎ 03 260 8000
86 Otaki St

MOSGIEL

BNT Mosgiel ☎ 03 484 7727
27B Gladstone Rd, Mosgiel

BALCLUTHA

King Engineering ☎ 03 418 2664
10 High Street, Balclutha

GORE

BNT Gore ☎ 03 900 4673
47 Ordsal St

Harrisons Supplies Ltd ☎ 03 208 7299
59 Mersey St

INVERCARGILL

BNT Invercargill ☎ 03 218 8156
53 Clyde Street

All Purpose Engineering ☎ 03 218 8600
129 Crinan St

George Wilson Sales Ltd
☎ 03 215 9064
27 North Road

WINTON

Steve Geary Eng. ☎ 03 236 7131
159 Great North Road

ALEXANDRA

Central Custom Eng. Ltd ☎ 03 448 6058
11-13 Chicago St

GES (General Engineering & Safety
Supplies) ☎ 03 448 6816
13 Ngapara St

CROMWELL

BNT Cromwell ☎ 03 975 9200
15 Venning Cres, Cromwell

GES (General Engineering
& Safety Supplies)
15 McNulty Rd ☎ 03 445 4816

WANAKA

Wanaka Tractor Services ☎ 03 443 7749
11 Frederick St

QUEENSTOWN

BNT Queenstown
1 Jock Boyd Pl, Frankton
☎ 03 451 1775

Shotover Engineering 2001 Ltd
☎ 03 442 2114
Glenda Drive, Frankton
Industrial Estate

KAIAPOI

Autozone Autoparts ☎ 03 327 3434
80 Williams St

CHRISTCHURCH

BNT Christchurch ☎ 03 359 5362
24 Abros Pl, Burnside

BNT Hornby ☎ 03 344 0145
66 Carmen Road, Hornby

BNT Sydenham ☎ 03 379 0640
33 Shakespeare Rd, Sydenham

Commercial Transport Spares
☎ 03 349 9202
129 Waterloo Rd, Hornby

Saeco Wilson ☎ 03 338 8533
19 Loadstar Ave, Wigram

Truck & Trailer Parts ☎ 03 344 0148
18b Gerald Connolly Place

ROLLESTON

BNT Rolleston ☎ 03 900 0081
6 Centrum Lane, Rolleston

LEESTON

Thinkwater Canterbury ☎ 03 324 3889
22 Station Rd

DARFIELD

Agman Engineering Ltd ☎ 03 318 7155
51a Horndon St

METHVEN

Diesel Tech Machinery ☎ 03 302 8946
12 Line Rd

RAKAIA

Plucks Engineering Ltd ☎ 03 302 7031
Main South Road, Rakaia

ASHBURTON

The Front Store Ashburton ☎ 03 308 9917
136-144 Moore St

GJ Blacklow & Co Ltd ☎ 03 308 3147
146-154 South St

BNT Ashburton ☎ 03 307 6192
418 West St

TEMUKA

Duncan Engineering ☎ 03 615 8624
8 King St

TIMARU

The Front Store Timaru
☎ 0800 688 868
Seadown Road, Washdyke

BNT Timaru ☎ 03 688 5550
4 Barnard St

TWIZEL

Twizel Auto & Marine Centre
(Auto Super Shoppe)
☎ 03 435 0760
Cnr Ostler Rd & Hooker Cres

OAMARU

Ireland Engineering Ltd
☎ 03 434 6956
36 Orwell St

CONVERSION TABLES: INCHES TO MILLIMETRES

| FRACTION | DECIMAL | MM | FRACTION | DECIMAL | MM | INCH | MM |
|----------|---------|---------|----------|---------|---------|------|--------|
| 1/64 | 0.0156 | 0.3969 | 33/64 | 0.5156 | 13.0969 | 1 | 25.4 |
| 1/32 | 0.0312 | 0.7938 | 17/32 | 0.5312 | 13.4938 | 2 | 50.8 |
| 3/64 | 0.0469 | 1.1906 | 35/64 | 0.5469 | 13.8906 | 3 | 76.2 |
| 1/16 | 0.0625 | 1.5875 | 9/16 | 0.5625 | 14.2875 | 4 | 101.6 |
| 5/64 | 0.0781 | 1.9844 | 37/64 | 0.5781 | 14.6844 | 5 | 127.00 |
| 3/32 | 0.0938 | 2.3812 | 19/32 | 0.5938 | 15.0812 | 6 | 152.4 |
| 7/64 | 0.1094 | 2.7781 | 39/64 | 0.6094 | 15.4781 | 7 | 177.8 |
| 1/8 | 0.1250 | 3.1750 | 5/8 | 0.6250 | 15.8750 | 8 | 203.2 |
| 9/64 | 0.1406 | 3.5719 | 41/64 | 0.6406 | 16.2719 | 9 | 228.6 |
| 5/32 | 0.1562 | 3.9688 | 21/32 | 0.6562 | 16.6688 | 10 | 254.0 |
| 11/64 | 0.1719 | 4.3656 | 43/64 | 0.6719 | 17.0656 | 11 | 279.4 |
| 3/16 | 0.1875 | 4.7625 | 11/16 | 0.6875 | 17.4625 | 12 | 304.8 |
| 13/64 | 0.2031 | 5.1594 | 45/64 | 0.7031 | 17.8594 | 13 | 330.2 |
| 7/32 | 0.2188 | 5.5562 | 23/32 | 0.7188 | 18.2562 | 14 | 355.6 |
| 15/64 | 0.2344 | 5.9531 | 47/64 | 0.7344 | 18.6531 | 15 | 381.0 |
| 1/4 | 0.2500 | 6.3500 | 3/4 | 0.7500 | 19.0500 | 16 | 406.4 |
| 17/64 | 0.2656 | 6.7469 | 49/64 | 0.7656 | 19.4469 | 17 | 431.8 |
| 9/32 | 0.2812 | 7.1438 | 25/32 | 0.7812 | 19.8438 | 18 | 457.32 |
| 19/64 | 0.2969 | 7.5406 | 51/64 | 0.7969 | 20.2406 | 19 | 482.6 |
| 5/16 | 0.3125 | 7.9375 | 13/16 | 0.8125 | 20.6375 | 20 | 508.0 |
| 21/64 | 0.3281 | 8.3344 | 53/64 | 0.8281 | 21.0344 | 21 | 533.4 |
| 11/32 | 0.3438 | 8.7312 | 27/32 | 0.8438 | 21.4312 | 22 | 558.8 |
| 23/64 | 0.3594 | 9.1281 | 55/64 | 0.8594 | 21.8281 | 23 | 584.2 |
| 3/8 | 0.3750 | 9.5250 | 7/8 | 0.8750 | 22.2250 | 24 | 609.6 |
| 25/64 | 0.3906 | 9.9219 | 57/64 | 0.8906 | 22.6219 | 25 | 635.0 |
| 13/32 | 0.4062 | 10.3188 | 29/32 | 0.9062 | 23.0188 | 26 | 660.4 |
| 27/64 | 0.4219 | 10.7156 | 59/64 | 0.9219 | 23.4156 | 27 | 685.8 |
| 7/16 | 0.4375 | 11.1125 | 15/16 | 0.9375 | 23.8125 | 28 | 711.2 |
| 29/64 | 0.4531 | 11.5094 | 61/64 | 0.9531 | 24.2094 | 29 | 736.6 |
| 15/32 | 0.4688 | 11.9062 | 31/32 | 0.9688 | 24.6062 | 30 | 762.0 |
| 31/64 | 0.4844 | 12.3031 | 63/64 | 0.9844 | 25.0031 | 31 | 787.4 |
| 1/2 | 0.5000 | 12.700 | 1 | 1.0000 | 25.4000 | 32 | 812.8 |

While all attempts have been made to ensure information provided in this catalogue is correct at the time of going to press, CM Trailer Parts assumes no responsibility for errors, omissions, or contrary interpretations of the details contained herein.

Warranty information differs across our range of products. Please ask us for details when placing your order.

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This ruler is
intended as
a guide only



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

www.alko.co.nz