

TCK™ AUSTRALIA

Supplying Tow Coupling Repair Kits and Parts

PARTS CATALOGUE



- TCK AUSTRALIA COUPLING PINS ARE AUSTRALIAN AND EUROPEAN STANDARDS CERTIFIED AND COMPLIANT
- TCK AUSTRALIA COUPLING PINS ARE MADE IN AUSTRALIA USING HIGH QUALITY AUSTRALIAN STEEL - BUILT TOUGH TO LAST
- TCK AUSTRALIA SUPPLY TOW COUPLING REPAIR KITS AND PARTS TO SUIT A WIDE RANGE OF RINGFEDER AND V.ORLANDI 40MM AND 50MM TOW COUPLINGS
- TCK AUSTRALIA SUPPLY A WIDE RANGE OF TOW EYE BUSHES, BEARING BUSHES AND SHAFT RUBBERS
- TCK AUSTRALIA PRODUCTS ARE PROVEN TO PROVIDE EXCEPTIONAL PERFORMANCE AND OFFER A HIGH QUALITY COST EFFECTIVE ALTERNATIVE

TO ORDER:

AUSTRALIA & NEW ZEALAND

Email: admin@tck.com.au
Phone: (+61) 0407 176 551
Website: www.tck.com.au



INTRODUCTION

Tow Coupling assemblies are a critical component in the connection of trucks to trailers and trailers to trailers. The coupling, which consists of various parts, requires regular maintenance to ensure regulatory compliance, road worthiness and general safety of use, and can be overhauled several times in its life before a full replacement is required.

The number of repair events a coupling can have (e.g replacement of pin, bushes, wear pads,) in it's life cycle is very dependent on the treatment the coupling and parts receive. Three to four repair events is very achievable in a coupling lifetime as long as rigorous preventative maintenance is conducted during each operating cycle. The key point to note is that running the coupling wear parts beyond recommended wear limits will reduce the number of repair events that can be achieved and will require the whole coupling assembly to be replaced much earlier than necessary.

TCK Australia manufactures its products with longevity of service in mind, and our focus is on providing the opportunity for 3, 4, and even more repair events in the life cycle of each coupling assembly. Full replacement of a tow coupling assembly after one repair event is poor economics and can easily be avoided.

Unparalleled durability engineered into the TCK Australia product range ensures a reduction in repair and maintenance costs, and the hard wear parts will last up to three times the life of the OEM parts in comparable operating conditions. The high quality and economical pricing of TCK Australia parts offers the opportunity to re-kit and repair existing tow coupling assemblies and put them back into service (an economically sensible decision) rather than the full replacement of the assemblies until that is genuinely needed.

And most importantly for potential users, the use of the TCK Australia repair and rebuild kit parts does not affect the load rating integrity of the tow coupling. Our products meet the required Australian and European standards, provide increased durability and performance, and are very effective in lowering the cost of repairs.

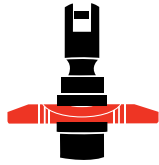
Certified as Compliant with Australian and European Standards,

To provide comfort in the decision to choose aftermarket products, the TCK Australia coupling pins have been certified as compliant with the following standards:

- Australian Design Rule (ADR)62
- Australian Standards AS2213.4 – 1998
- European Standards ISO/DIS12357.2:1998, AS 2213.5 – 1998, Strength tests for rigid and hinged draw bars
- European Standards ISO8718:1998# Strength Test for rigid and hinged draw bars
- ECE 55-01

Buying from TCK Australia will give you parts that are

High Quality, Australian Made and Owned, Durable and Compliant



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Parts to suit Ringfeder 101/202/303 AUS, 5050BNZ, 5050A, 50mm tow couplings



TCK1011
Major rebuild kit
(Pin, lifter, upper bush,
lower bush, wear plate
incl. screw/nuts,
springs and split pin)



TCK1017
Minor repair kit
(Pin, lifter and springs)



TCK1019
Shaft (To be used with
TCK1018 lifting handle)



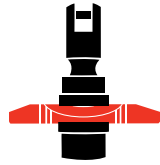
TCK1018
Shaft Lifting
handle

* Improved hand to coupling clearance * Built tough to last



TCK1036
Nylon Wear Plate (large)
with screws and nuts

Quality Australian Made - Durable, Compliant, Cost Effective



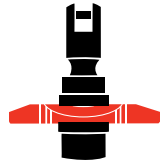
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Parts to suit Ringfeder 81G5, 92CX, 92NZ, 96AUS 50mm tow couplings



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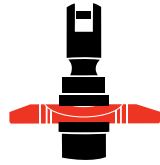
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Parts to suit Ringfeder RF50B AUS/NZ MSD 50mm tow couplings



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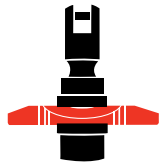
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Parts to Suit V.Orlandi 50mm tow couplings.
Suits series: E503, E504, E505, E509, E516, E520, and E550 Pacific



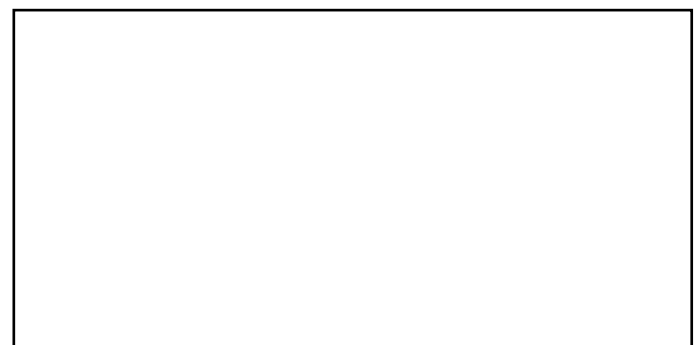
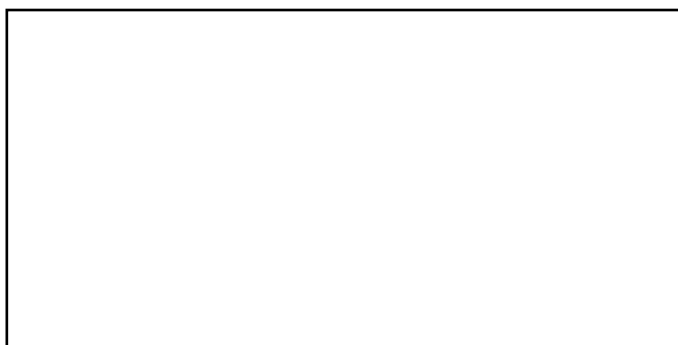
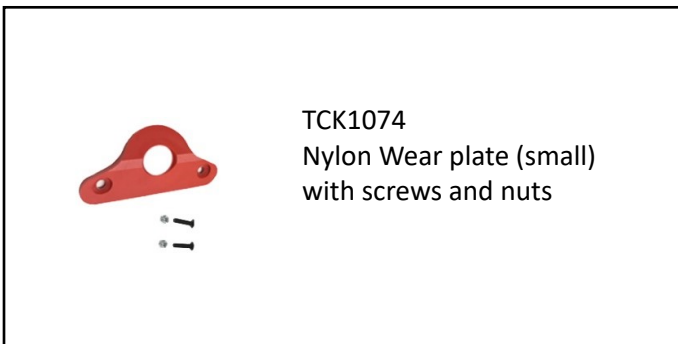
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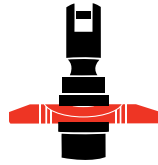
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Parts to suit Ringfeder 4040G150A & 4040G150B 40mm tow couplings



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Bearing bushes and shaft rubbers To
suit Ringfeder 50mm tow couplings



TCK7126
Shaft Rubber, [Pair]

To suit, 50mm 96AUS,
92CX, 96NZ, 101AUS
202AUS, 303AUS
& RF50 B AUSNZ
Ringfeder tow coupling



TCK7127
Shaft Rubber, [Pair]

To suit, 50mm 81/G5,
Ringfeder tow coupling



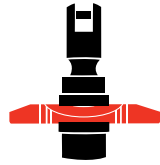
TCK 7125
Bearing Bush
White nylon [Pair]

To suit, 50mm 96AUS,
92CX, 96NZ, 101AUS
202AUS, 303AUS
& RF50 B AUSNZ
Ringfeder tow coupling



TCK7129
Bearing Bush
White nylon [Pair]

To suit, 50mm 81/G5,
Ringfeder tow coupling.



Tow Eye Bushes - Suits 50mm pin applications

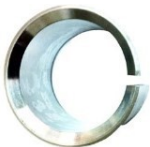
Part Number	OD - mm	ID - mm	Description
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TCK8302	60.50	50.44	Solid, standard size
TCK8302-2	60.60	50.44	Solid, 0.1 mm O/S
TCK8302-3	60.70	50.44	Solid, 0.2 mm O/S
TCK8304	62.50	50.44	Solid, 2.0 mm O/S
TCK8306	61.50	50.44	Solid, 1.0 mm O/S
TCK8306-1	61.20	50.44	Solid, 0.7mm O/S
TCK8306H	61.50	50.44	Solid, 1.0 mm O/S Hardened
TCK8312H	61.75	50.44	Solid, 1.25 mm O/S Hardened

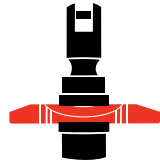


TCK50TEB	60.45	49.44	Solid, Hardened. Minimal pin to bush clearance (Suits Road Train)
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TCK50SP	60.97	50.44	Split tow eye, Provides easier replacement of a worn bush
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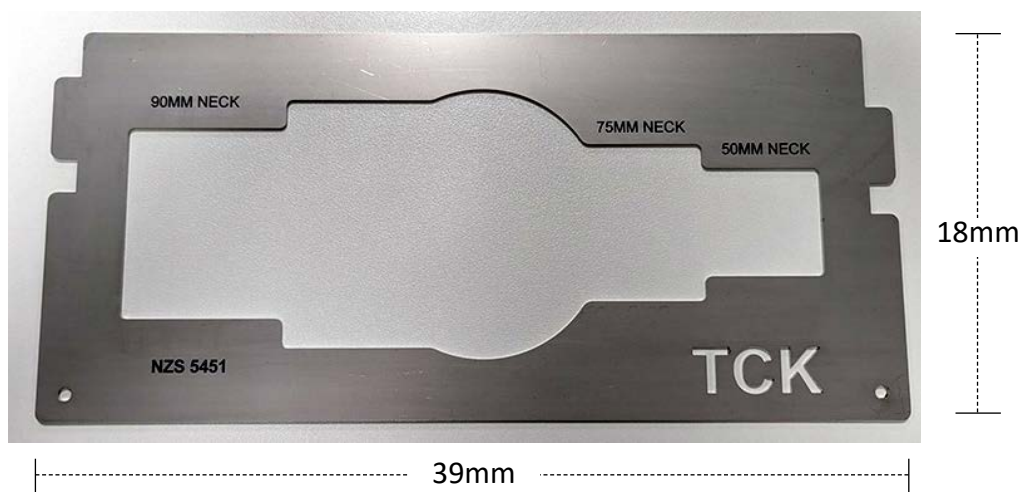
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TCK Wear Gauges

Manufactured from stainless steel.

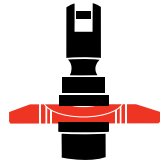


TCK1038 wear gauge
Suitable for checking wear on all
40mm and 50mm TCK tow coupling pins.



TCK1040 wear gauge
Suitable for checking wear on
50mm and 90mm king pins.

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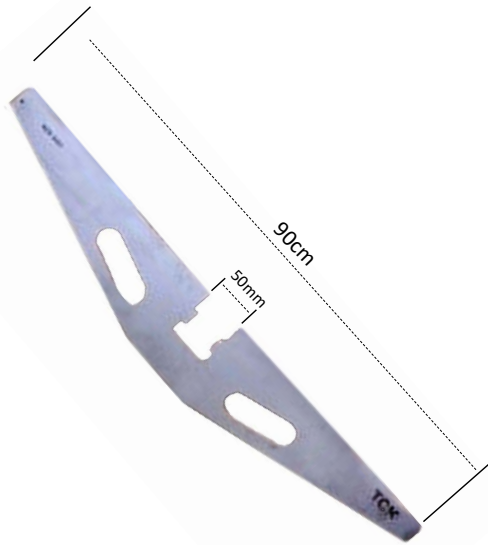
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TCK Skid Plate and King Pin Wear Gauges

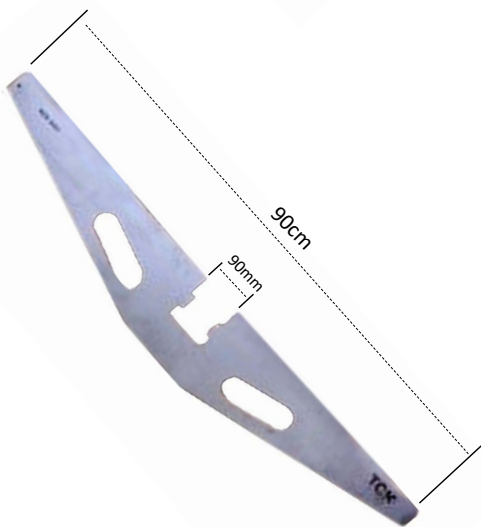
Manufactured from stainless steel.

(continued)



TCK 1041

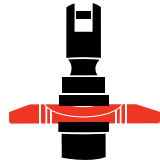
Gauge for checking wear on Skid Plates with 50mm King Pins



TCK 1042

Gauge for checking wear on Skid Plates with 90mm King Pins

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