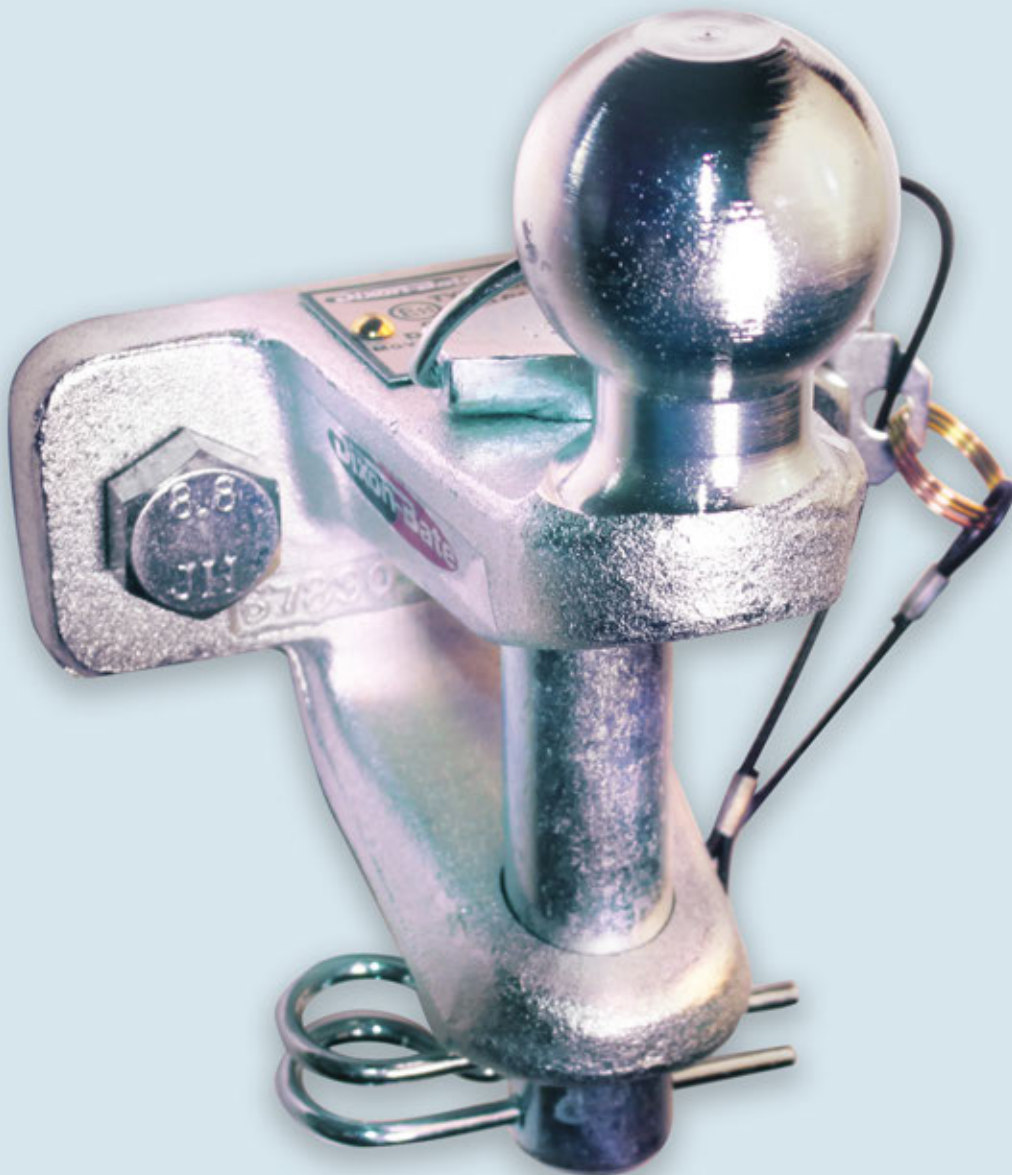


DIXON BATE & BRADLEY TOWING COMPONENTS



AL-KO VEHICLE TECHNOLOGY

QUALITY FOR LIFE

DIXON BATE & BRADLEY TOWING COMPONENTS

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THE SPECIALISTS IN COMMERCIAL VEHICLE TECHNOLOGY

The Dixon Bate and Bradley ranges of towing components are part of the extensive range of products from AL-KO, the leader of innovation in commercial vehicle technology.

The ranges, which have been at the forefront of the towing industry in the UK for over 90 years, are designed for use across a wide range of applications including commercial, agriculture, military and public utilities.

Towing components that have been engineered to last, offer robustness and ensure that whatever product you have purchased, you will benefit from generations of development and long service life.

AL-KO - FROM THE VILLAGE FORGE TO A GLOBAL CORPORATION

The village blacksmith was always reliable, renowned for crafting materials that stood up to the rigours of a tough working life. This is where the AL-KO business started, back in 1931.

We've never forgotten this heritage and it has guided us as we've grown from a small enterprise to a worldwide leader.

We stand today for everything we did in the beginning: quality, reliability, innovation and customer service. It's a foundation that has supported our sustained growth, year after year.





QUALITY FOR LIFE

RESEARCH AND DEVELOPMENT

From new ideas to large-scale production, everything we do is tested to the limit, enabling our products to cope with the most demanding environments.

All components and build processes go through our testing and technology centres, with service life and wear tests ensuring our final products deserve our 'Quality for Life' pledge.

WORLDWIDE LEADER IN COMMERCIAL CHASSIS TECHNOLOGY

As a global technology company we have around 30 sites, in the UK, Europe, South America, Asia and Australia. Every year AL-KO manufactures trailer components from five production facilities around the world, with the largest plant being in Ettenbeuren, south Germany.

Across all our production facilities we ensure that everything we do - from design and manufacture, through to delivery and aftercare - is the best in class.

Our dedication to quality and safety supports our customers and enables them to achieve the success they deserve.



TYPE APPROVED TOWING SYSTEMS

WHY SHOULD YOU FIT TYPE APPROVED TOWING SYSTEMS?

If you are towing in the UK and Europe it is a legal requirement to have a Type Approved Towing System fitted to your vehicle. A 'Towing System' is defined as all the component parts on your towing outfit which are required to tow in a safe manner. When combined, these component parts also ensure the system is fully Type Approved.

All Dixon Bate and Bradley products are fully Type Approved Towing Systems (unless otherwise stated, E.G. for Non-EU countries), ensuring optimum safety and maximum performance across a wide range of commercial and leisure applications.



COUPLING SYSTEMS

With type approval from Bradley

WHY SHOULD COUPLING SYSTEMS WITH TYPE APPROVAL BE USED?

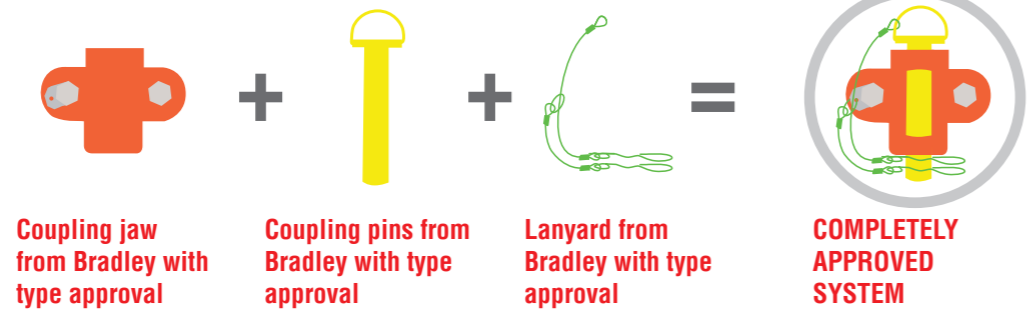
All coupling systems that you use for your vehicle in Great Britain and Europe must have type approval.

A "coupling system" consists of various drawbar components, each of which requires type approval for safe trailer operation. Only this enables you to ensure that a coupling system comprising various drawbar components is fully approved.

All Bradley products have type approval, thus guaranteeing optimal safety and maximum performance for diverse commercial uses and leisure applications.

EXAMPLE:

An approved coupling pin and an approved lanyard are always required for a coupling jaw to comply with all statutory regulations in Great Britain.



Optimal safety

The towing hitches from Bradley meet the highest standards of safety and offer 100% reliability for coupling systems as well as maximum safety for the driver and the transported goods.



Maximum performance

Bradley has been the number 1 for towing hitches in Great Britain for over 90 years. Thanks to this long-term experience and expertise, Bradley's products stand out in each application area.



Fitness for purpose

The approved Bradley products are subjected to stringent tests and meet the highest of quality standards. They are therefore perfectly suitable for each intended application area.

Bradley towing hitches with type approval



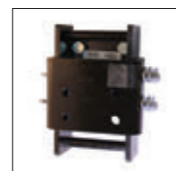
UNIVERSAL TOWING COUPLINGS



STABILISER TOWING COUPLINGS



COUPLING JAWS



HEIGHT-ADJUSTABLE HOLDERS



PINTLES



DIRECTIVE ECE-R55-01

Directive for products with type approval

Type approval 94/20/EC for towing hitches was replaced by Directive ECE-R55-01 on 1st November 2014. Since November 2014, all towing hitches and coupling systems must therefore meet the additional requirements of this directive.

Bradley was the first supplier in Great Britain whose products were tested according to this new directive and meet the statutory specifications. All products from Bradley are therefore fully approved and comply with the latest standards.

The directives for various coupling systems are complex and not easy to understand, which is why we recommend only using fully approved products from the Dixon Bate and Bradley ranges when seeking approval for your coupling system.

CHOOSING THE RIGHT TOWING HITCH

Trailer load

The Bradley towing hitches are designed for various train weights, which are indicated using symbols in this brochure. To ensure a safe and approved product, a product with the correct train weight must be selected for your coupling system.



Mounting with two or four bolts

All hitch components from Bradley are pre-drilled for mounting on drawbars using two or four bolts.



The number of bolts is indicated with these symbols. Both mounting types comply with the British standards and Directive ECE-R55-01.

Check list for type approval

Check the following to select the correct towing hitch with type approval:

- ✓ Check whether the products comply with Directive ECE-R55-01 (from 1st November 2014).
- ✓ Make sure that the train weight and fastenings are suitable for your coupling system.
- ✓ Check whether each towing hitch component has type approval. (Do not, for example, combine a coupling pin without type approval and an approved coupling jaw).

QUALITY AND SAFETY STANDARDS

Throughout the entire production process, Bradley is committed to meeting the highest standards of quality and safety.

Thanks to cutting-edge 3D CAD workstations, ultra-precise production and our long-term experience and expertise in development and manufacturing, Bradley is the leading supplier of towing hitches in Great Britain.

All towing hitches from Bradley comply with (and actually surpass) the specified statutory requirements in Great Britain. The products' service life is additionally tested over 2 million cycles. The products come with a 2-year warranty.



Experienced design engineers use the latest 3D CAD programs to plan, develop and test new prototypes.



Investments in modern production systems, CNC machines and laser cutting systems ensure that Bradley products are always manufactured according to the latest technology.

EXPLANATION OF S VALUES

The technically correct term for the nose load is the "S value" or "static vertical mass".

The S value is the load, weight or mass that is transferred via the trailer's coupling head onto the towball/drawbar fastened to the towing vehicle.

Before buying a towing coupling, you must know or calculate the S value to ensure that your vehicle combination (i.e. towing vehicle and trailer) complies with the safety regulations of the specified statutory requirements.

How high is the maximum S value?

The maximum S value or the nose load can be found in the vehicle owner's manual.

The vehicle owner's manual may possibly use a different technical term such as "maximum static vertical load on the towball" or a different description for the S value.

If you do not know the S value for your vehicle, contact your vehicle manufacturer to find out the maximum S value for your vehicle.

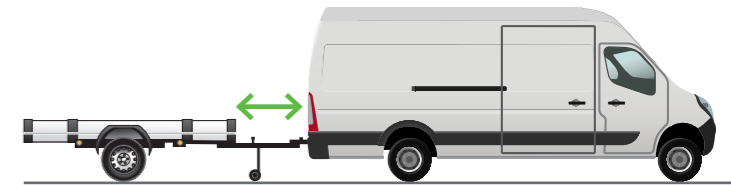


EXPLANATION OF D VALUES



The D value is specified in kilonewtons (kN), and indicates the dynamic load limits between the towing vehicle and a trailer, i.e. the horizontal force between the towing vehicle and trailer.

Before buying a towing coupling, you must know or calculate the D value so that your overall coupling system retains its approval.



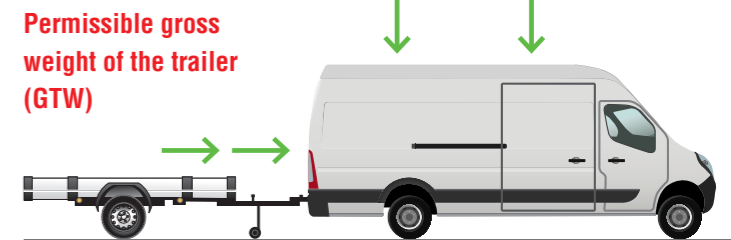
D VALUE 30.95 kN All of our products' D values are clearly indicated in this catalogue.

Calculating the D value

To calculate the D value, you require the following information from your vehicle manufacturer:

- I The permissible gross weight of the towing vehicle (GVW), which may also be called the "officially permissible gross weight"
- I The permissible gross weight of the trailer (GTW)

Permissible gross weight of the towing vehicle (GVW)



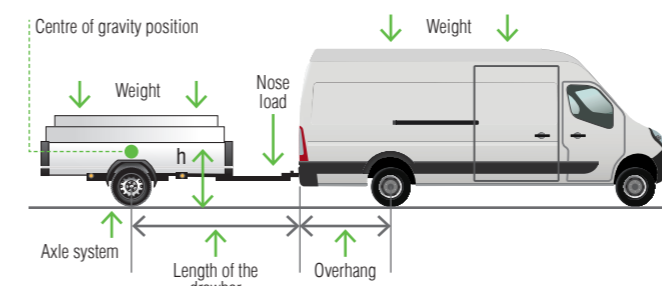
The D value is calculated as follows:

$$\frac{GVW \times GTW}{GVW + GTW} \times \frac{9.81m/s^2}{1,000} = D$$

Example: Ford Transit (GVW = 3,500 kg, GTW = 3,500 kg):

$$\frac{3,500 \text{ kg} \times 3,500 \text{ kg}}{3,500 \text{ kg} + 3,500 \text{ kg}} \times \frac{9.81m/s^2}{1,000} = \mathbf{17.16 \text{ kN}}$$

Criteria for an optimal and safe towing hitch



Vehicle

1. High weight
2. Long wheelbase
3. Small overhang
4. Correct tyre pressure
5. Correctly functioning shock absorbers

Trailer

1. Low weight
2. Long drawbar
3. Low centre of gravity
4. Use of the max. permissible nose load
5. Large tyres
6. Optimum loading (heavy items close to the axle)

DIXON-BATE UNIVERSAL TOWING HITCHES



The Dixon-Bate universal hitch range sets the highest standards for quality, durable couplings making them ideal for all types of commercial applications.

These universal hitches consist of a separate 50 mm towball and a coupling pin with a diameter of 25 mm. Manufactured from durable forged steel, the towball/pin assembly has been one of the most popular products amongst commercial users for the past 20 years.

Universal 3.5 t hitch with 25mm pin

3.5 t 2 D VALUE 17.5 kN

- Pin diameter: 25 mm
- Ball diameter: 50 mm
- Max Trailer load: 3.5t where Prime Mover ≤3,500 kg
- D value: 17.5 kN
- Vertical load/S value: 250 kg
- Drawbar eye: min. internal diam. 30 mm
Maximum cross-section: 28.6 mm
- 2-bolt mounting as per Directive ECE-R55-01



Bolts not included in scope of delivery. Strength class 8.8 or higher required.

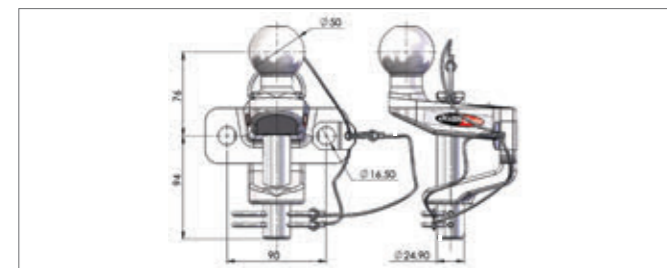
Universal 3.5 t hitch with 25mm pin

3.5 t 2 D VALUE 20.2 kN

- Pin diameter: 25 mm
- Ball diameter: 50 mm
- Max Trailer load: 3.5t where Prime Mover ≤5,000 kg
- D value: 20.2 kN
- Vertical load/S value: 300 kg
- Drawbar eye: min. internal diam. 30 mm
Maximum cross-section: 28.6 mm
- 2-bolt mounting as per Directive ECE-R55-01



Bolts not included in scope of delivery. Strength class 8.8 or higher required.



These universal hitches from Dixon-Bate are available with or without a hardened coupling pin.

FEATURES AND ADVANTAGES

- Unique hitch with towball and coupling pin
- All hitches meet the requirements of Directive ECE-R55-01
- Galvanised as well as transparent passivated surface
- Class: A50-X/S

Universal 3.5 t hitch with hardened 25 mm pin

3.5 t 2 D VALUE 17.5 kN

- Pin diameter: 25 mm
- Ball diameter: 50 mm
- Max Trailer load: 3.5t where Prime Mover ≤3,500 kg
- D value: 17.5 kN
- Vertical load/S value: 250 kg
- Drawbar eye: min. internal diam. 30 mm
Maximum cross-section: 28.6 mm
- 2-bolt mounting as per Directive ECE-R55-01



Bolts not included in scope of delivery. Strength class 8.8 or higher required.

Universal 3.5 t hitch with hardened 25 mm pin

3.5 t 2 D VALUE 20.2 kN

- Pin diameter: 25 mm
- Ball diameter: 50 mm
- Max Trailer load: 3.5t where Prime Mover ≤5000 kg
- D value: 20.2 kN
- Vertical load/S value: 300 kg
- Drawbar eye: min. internal diam. 30 mm
Maximum cross-section: 28.6 mm
- 2-bolt mounting as per Directive ECE-R55-01



Bolts not included in scope of delivery. Strength class 8.8 or higher required.

Accessories

Accessory part no.	Product
185012815 (Bradley DB68121)	25 mm standard pin/ lanyard/strap/split pin
185012915 (Bradley DB68129)	Lanyard/strap/split pin for 25 mm pin (standard head and hardened pin)
185013015 (Bradley DB67229)	Hardened 25 mm pin/ lanyard/strap/split pin



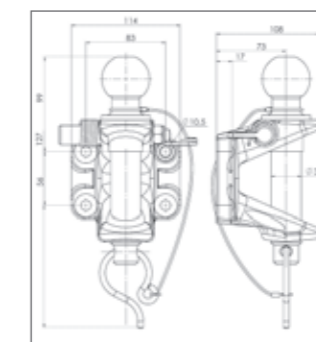
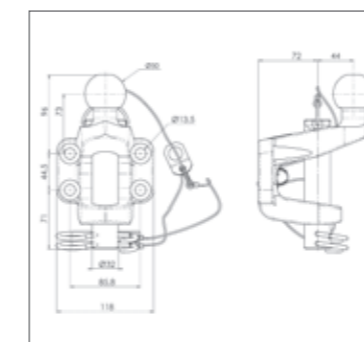
Universal coupling device with 32mm pin

3.5 t 4 D VALUE 30.95 kN

- Pin diameter: 32 mm
- Ball diameter: 50 mm
- Max Trailer load: 3.5t where Prime Mover ≤32,000 kg
- D value: 30.95 kN
- Vertical load/S value: 350 kg
- Drawbar eye: min. internal diam. 40 mm
Maximum cross-section: 28.6 mm
- 4-bolt mounting as per Directive ECE-R55-01



Bolts not included in scope of delivery. Strength class 8.8 or higher required.



Part no.	Product
185008715 (Bradley DB201691)	Universal 3.5 t hitch with 32 mm pin
185075015 (Bradley DB208356)	Universal 3.5 t hitch with 32 mm pin (continental hole spacing)

Replacement part no.	Product
185013115 (Bradley DB67187)	32 mm pin/chain/strap/split pin
185013215 (Bradley DB67221)	Chain/strap/split pin set for 32 mm pin

NOTE: Use only genuine parts and accessories from AL-KO so that your system meets all legally specified requirements and can be approved.

BRADLEY UNIVERSAL TOWING HITCHES



Bradley universal hitches are perfect for mixed trailer fleets, and meet the highest safety requirements.

These products feature a heavy duty, forged towing ball and pin assembly. The stainless steel lanyard cable sheathed in nylon provides improved retention and prevents snagging.

Both the 2 bolt and 4 bolt versions have a unique primary locking lever and secondary locking pin to ensure safe towing.

FEATURES AND ADVANTAGES

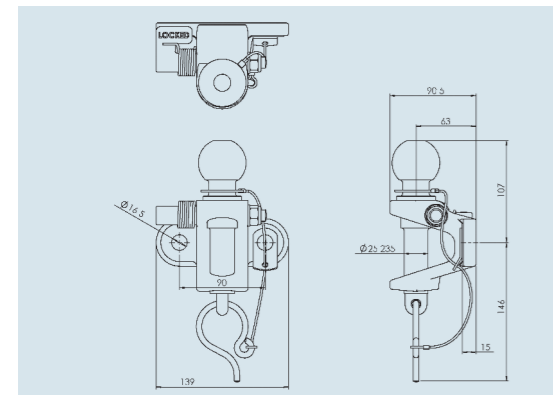
- Anti-jam protection and minimal overhang
- Compatible with standard British drawbar eyes 30/40/50 mm
- Doublelock mechanism
- Durable cast iron design with high corrosion resistance
- All hitches meet the requirements of Directive ECE-R55-01

Universal 3.5 t hitch E40TC



- Pin diameter: 25 mm
- Ball diameter: 50 mm
- Max Trailer load: 3.5t where Prime Mover ≤3,500 kg
- D value: 17.2 kN
- Vertical load/S value: 200 kg
- Drawbar eye: min. internal diam. 30 mm
- 2-bolt mounting as per Directive ECE-R55-01

Bolts not included in scope of delivery – M16 bolts required. Strength class 8.8 or higher required.

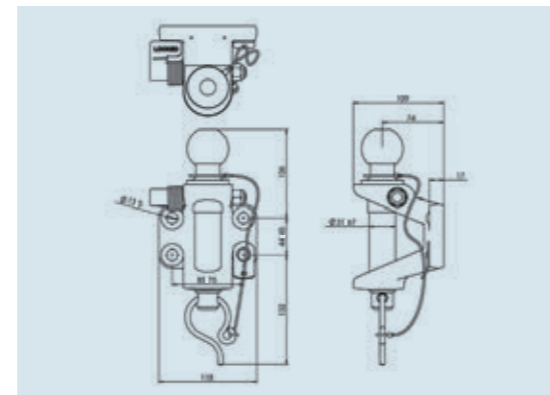


Universal 3.5 t hitch E100TC



- Pin diameter: 32 mm
- Ball diameter: 50 mm
- Max Trailer load: 3.5t where Prime Mover ≤32,000 kg
- D value: 30.95 kN
- Vertical load/S value: 350 kg
- Drawbar eye: min. internal diam. 40mm
- 4-bolt mounting as per Directive ECE-R55-01

Bolts not included in scope of delivery – M16 bolts required. Strength class 8.8 or higher required.



Part no.	Product
185080815 (Bradley V352L)	Universal 3.5 t hitch E40TC
Replacement part no.	
185012615 (Bradley Kit173)	Locking handle
185005515 (Bradley Kit172)	Ball pin & wire
185007915 (Bradley V35B)	Bolt set (unit: inches)
185008015 (Bradley V35B-M16)	Bolt set (metric)

Part no.	Product
185008115 (Bradley V502L)	Universal 3.5 t hitch E100TC
Replacement part no.	
185012615 (Bradley Kit173)	Locking handle
185012715 (Bradley Kit170)	Ball pin & wire
185008215 (Bradley V50B)	Bolt set (unit: inches)
185008315 (Bradley V50B-M12)	Bolt set (metric)

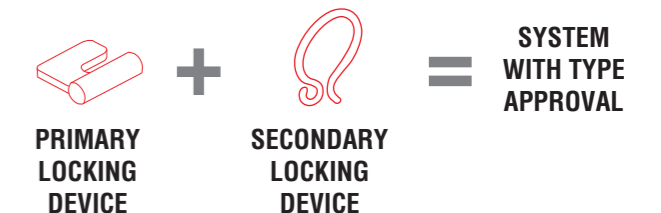
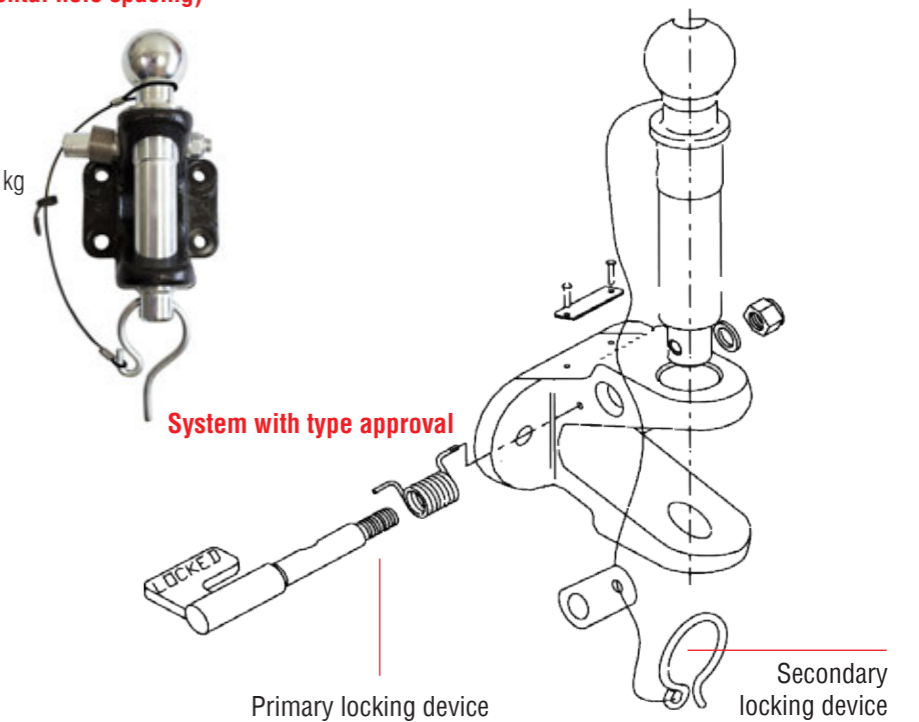


Universal 3.5 t hitch with 32 mm pin (continental hole spacing)



- Pin diameter: 32 mm
- Ball diameter: 50 mm
- Max Trailer load: 3.5t where Prime Mover ≤32,000 kg
- D value: 30.95 kN
- Vertical load/S value: 350 kg
- Drawbar eye: min. internal diam. 40 mm
- Maximum cross-section: 28.6 mm
- 4-bolt mounting as per Directive ECE-R55-01

Bolts not included in scope of delivery. Strength class 8.8 or higher required.



NOTE: Use only genuine parts and accessories from AL-KO so that your system meets all legally specified requirements and can be approved.

DIXON-BATE UNIVERSAL STABILISER HITCHES



This universal towing hitch is compatible with many stabiliser coupling devices. With its forged steel components, it is designed for high load capacity and maximum longevity.

The hitch consists of a 50 mm towball and a hardened coupling pin with a diameter of 25 mm in order to offer increased flexibility for various stabilisation devices and coupling devices. The components are manufactured from durable, forged steel.

The coupling pin can be stored in the integrated pin holder. The stainless steel lanyard with nylon sheath offers improved cable securing and fixing, and prevents it from catching.

FEATURES AND ADVANTAGES

- | Unique product designed specifically for stabilisation devices
- | All hitches meet the requirements of the EU standard and Directive ECE-R55-01
- | Galvanised as well as transparent passivated surface
- | Class: A50-X/S

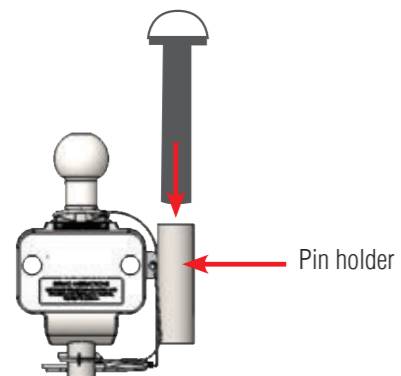
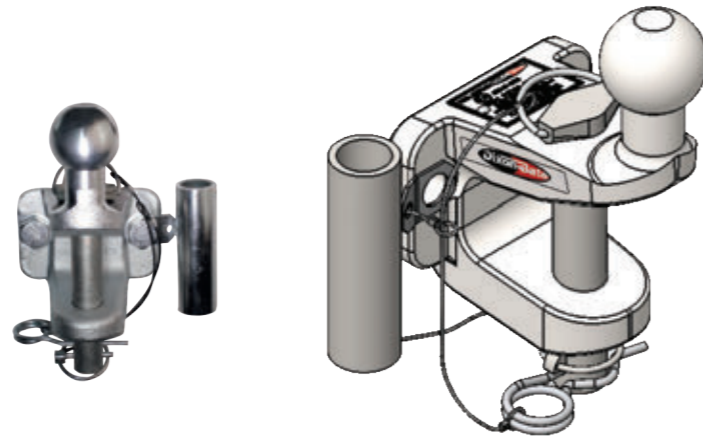


Universal 3.5 t stabiliser with hardened pin

3.5 t 2 D VALUE 17.5 kN

- | Pin diameter: 25 mm
- | Ball diameter: 50 mm
- | Max Trailer load: 3.5t where Prime Mover ≤3,500 kg
- | D value: 17.5 kN
- | Vertical load/S value: 250 kg
- | Drawbar eye: min. internal diam. 30 mm
Maximum cross-section: 28.6 mm
- | 2-bolt mounting as per Directive ECE-R55-01

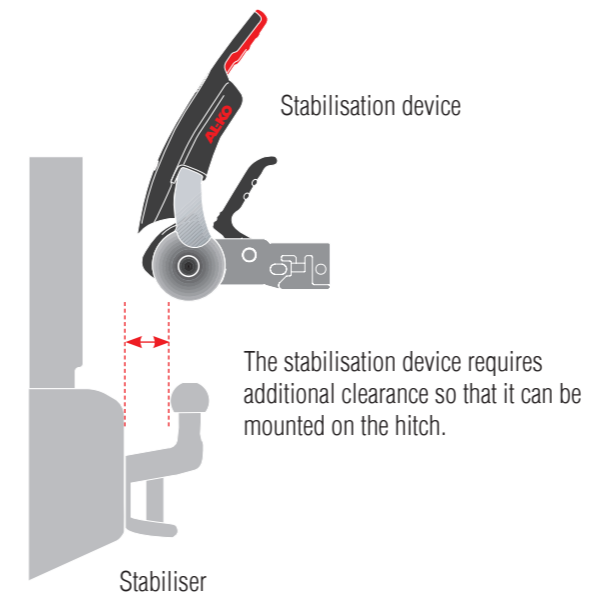
Bolts not included in scope of delivery.
Strength class 8.8 or higher required.



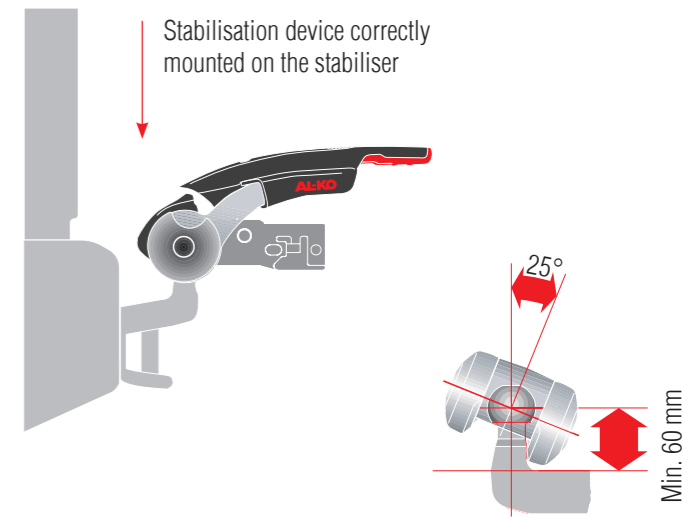
Part no.	Product	Replacement part no.	Product
185010015 (Bradley DB202116)	Universal 3.5 t stabiliser with hardened 25 mm pin (designed for 3.500 kg)	185013315 (Bradley DB68240)	Hardened 25 mm pin and holder for universal 3.5 t stabiliser

NOTE: Use only genuine parts and accessories from AL-KO so that your system meets all legally specified requirements and can be approved.

Developed specifically for use with stabilisation devices



The illustration shows the AL-KO AKS™ 3004 stabiliser.



DIXON-BATE COUPLING JAWS

The coupling jaws from Dixon-Bate offer the same high quality and trailer load (assuming Prime Mover GVW is not greater than 3,500 kg) as those from Bradley. However, they are more suitable for coupling systems with S values of 250 kg.

The product is also available with a hardened coupling pin. Both products are supplied with a 2-year warranty.

FEATURES AND ADVANTAGES

- | Durable, forged steel pin. The stainless steel lanyard with nylon sheath offers improved split pin securing and fixing, and prevents it from catching.
- | Approved as per Directive ECE-R55-01
- | Galvanised as well as transparent passivated surface.
- | Class: A-S

3.5 t coupling jaw



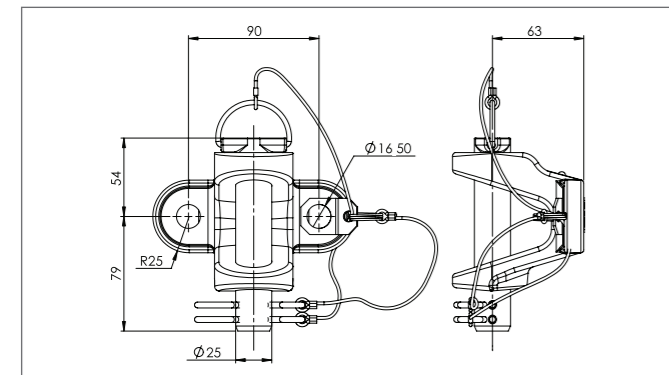
- | Pin diameter: 25 mm
- | Max Trailer load: 3.5t where Prime Mover \leq 3,500 kg
- | D value: 17.4 kN
- | Vertical load/S value: 250 kg
- | Drawbar eye: min. internal diam. 30 mm
Maximum cross-section: 30 mm
- | 2-bolt mounting as per Directive ECE-R55-01



3.5 t coupling jaw with hardened pin



- | Hardened pin with \varnothing 25 mm, designed for 3,500 kg
- | Max Trailer load: 3.5t where Prime Mover \leq 3,500 kg
- | Type approval as per Directive ECE-R55-01



Part no.	Product	Replacement part no.	Product
185001715 (Bradley DB201661)	3.5 t (17.5 kN) coupling jaw	185013515 (Bradley KIT171)	25 mm standard pin/lanyard/split pin set
		185012915 (Bradley DB68129)	Lanyard/split pin set for 25 mm pin
185010515 (Bradley DB201756)	3.5 t (17.5 kN) coupling jaw with hardened pin	185013415 (Bradley DB67228)	Hardened 25 mm pin/lanyard/strap/split pin
		185012915 (Bradley DB68129)	Lanyard/split pin set for 25 mm pin

BRADLEY COUPLING JAWS



The coupling jaws from Bradley have been designed with an anti-jamming protection system to prevent blocking and have a minimum overhang. They are manufactured from durable, corrosion resistant cast iron, and are approved as per Directive ECE-R55-01.

All coupling jaws come with a two year warranty and are lifetime tested to two million cycles.

FEATURES AND ADVANTAGES

- | Anti-jam protection and minimal overhang
- | Compatible with standard British drawbar eyes 30/40/50 mm
- | Doublelock mechanism
- | Durable cast iron design with high corrosion resistance
- | Approved as per Directive ECE-R55-01

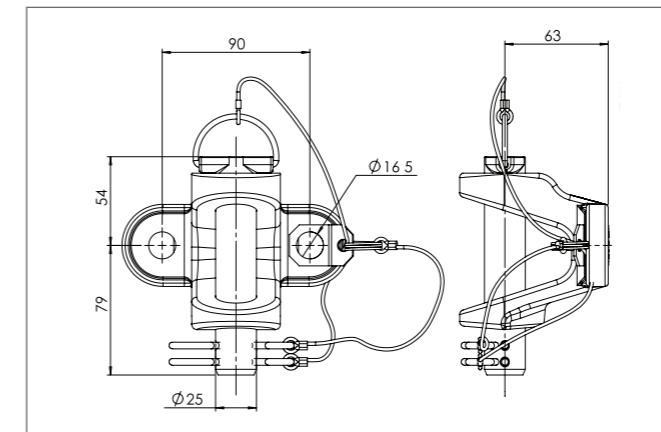
3.5 t coupling jaw E40T



- | Pin diameter: 25 mm
- | Max Trailer load: 3.5t where Prime Mover \leq 3,500 kg
- | D value: 17.2 kN
- | Vertical load/S value: 200 kg
- | Drawbar eye: min. internal diam. 30 mm
Maximum cross-section: 28.6 mm
- | 2-bolt mounting as per Directive ECE-R55-01



Bolts not included in scope of delivery.
M16 bolts required.



Part no.	Product
185080915 (Bradley V351L)	Bradley 3.5 t coupling jaw E40T
185010215 (Bradley V501L)	Bradley 3.5 t coupling jaw E100T
185010315 (Bradley V354L)	Bradley 3.5 t coupling jaw with locking pin
185010415 (Bradley V504L)	Bradley 3.5 t coupling jaw with locking pin

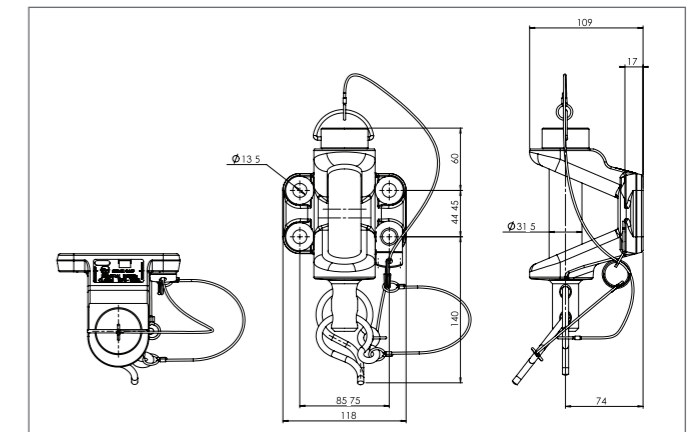
3.5 t coupling jaw E100T



- | Pin diameter: 32 mm
- | Max Trailer load: 3.5t where Prime Mover \leq 32,000 kg
- | D value: 30.95 kN
- | Vertical load/S value: 350 kg
- | Drawbar eye: min. internal diam. 40 mm
Maximum cross-section: 28.6 mm
- | 4-bolt mounting as per Directive ECE-R55-01



Bolts not included in scope of delivery.
M12 bolts required.



NOTE:

Use only genuine parts and accessories from Bradley so that your system meets all legally specified requirements and can be approved.

DIXON-BATE HEIGHT ADJUSTABLE HOLDERS



Dixon-Bate height adjustable holders enable trailers to be hitched at different heights to provide towing options across a range of vehicles. Each product has been designed for various hitch heights from 100mm to 200mm in 50mm steps.

The holder is positioned by hand, and is secured with one or two 19 mm stainless steel pins. No tools are required to adjust the height. Any towball, any coupling jaw or any hook can be attached, as the product is pre-drilled for fastening using 2 or 4 bolts.

FEATURES AND ADVANTAGES

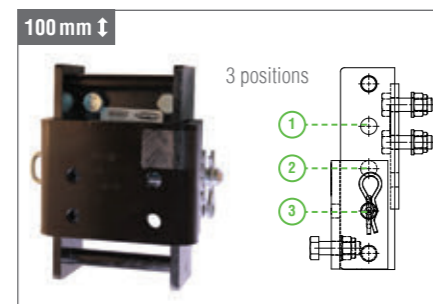
- | Height-adjustable without using tools
- | 3 to 5 positions can be set in 50 mm steps (all products)
- | Simple and safe locking mechanism
- | Designed completely in steel
- | 4-bolt mounting on towing vehicle
- | Hitches are fastened to the height-adjustable holder with 2 or 4 bolts
- | Stainless steel pins (Ø19 mm) are securely fastened to the sliding plate with split pins
- | Corrosion-resistant, black phosphated surface with black powder coating
- | Pins and split pins with black, glossy zinc coating
- | Additional towballs available (see accessories, page 22)



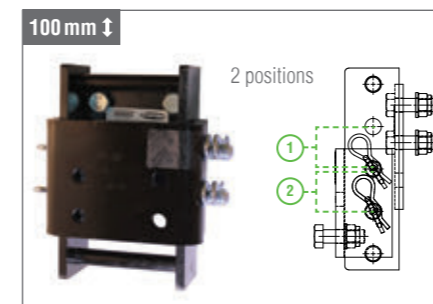
4 D VALUE 23.41 kN

- | Height-adjustable holder 100 mm
- | Height-adjustable: 3/2 positions in 50 mm steps
- | 1 or 2-pin variant available
- | Pins with Ø 19 mm for secure fastening with split pins
- | Pre-drilled sliding plate with 4 holes for fastening with 2 or 4 bolts as per Directive ECE-R55-01

Height-adjustable holder 100 mm



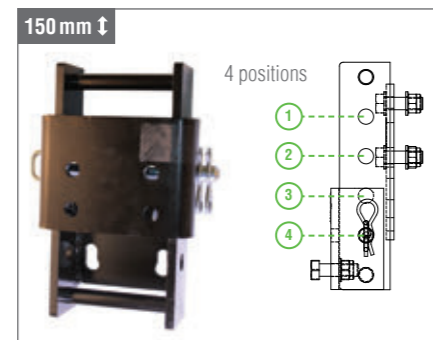
100 mm 2-pin variant



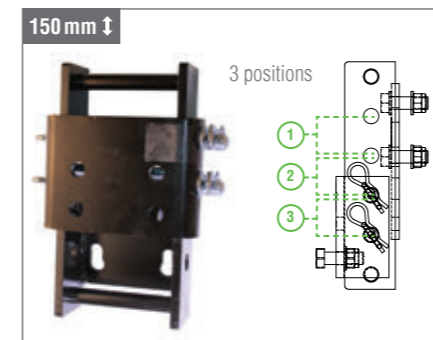
4 D VALUE 23.41 kN

- | Height-adjustable holder 150 mm
- | Height-adjustable: 4/3 positions in 50 mm steps
- | 1 or 2-pin variant available
- | Pins with Ø 19 mm for secure fastening with split pins
- | Pre-drilled sliding plate with 4 holes for fastening with 2 or 4 bolts as per Directive ECE-R55-01

Height-adjustable holder 150 mm



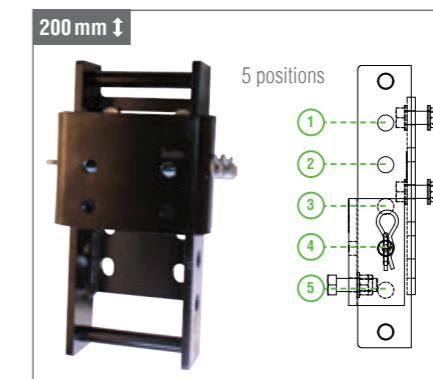
150 mm 2-pin variant



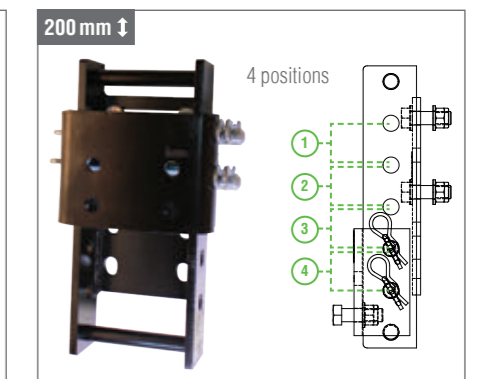
4 D VALUE 23.41 kN

- | Height-adjustable holder 200 mm
- | Height-adjustable: 5/4 positions in 50 mm steps
- | 1 or 2-pin variant available
- | Pins with Ø 19 mm for secure fastening with split pins
- | Pre-drilled sliding plate with 4 holes for fastening with 2 or 4 bolts as per Directive ECE-R55-01

Height-adjustable holder 200 mm



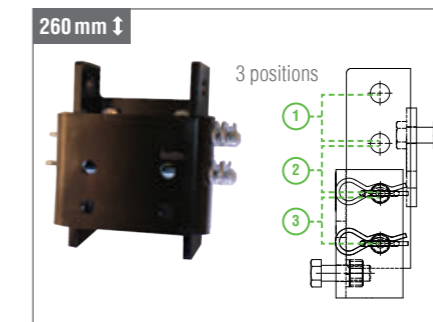
200 mm 2-pin variant



4 D VALUE 23.41 kN

- | Height-adjustable holder 160mm with 2 pins
- | Height-adjustable: 3 positions in 50 mm steps
- | 2 x Pins with Ø 19 mm for secure fastening with split pins
- | Pre-drilled sliding plate with 4 holes for fastening with 2 or 4 bolts as per Directive ECE-R55-01

Height-adjustable holder 160mm



Suitable products



Part no.	Product
185010815 (Bradley DB202092)	Dixon-Bate height-adjustable holder 100 mm
185010915 (Bradley DB202092/2PIN)	100 mm 2-pin variant
185002215 (Bradley DB202091)	Dixon-Bate height-adjustable holder 150 mm
185011015 (Bradley DB202091/2PIN)	150 mm 2-pin variant

Part no.	Product
185011115 (Bradley DB202090)	Dixon-Bate height-adjustable holder 200 mm
185011215 (Bradley DB202090/2PIN)	200 mm 2-pin variant
185002415 (Bradley DB202117)	Height-adjustable holder 160mm with 2 pin

DIXON-BATE TOWING PINTLES



Towing pintles are hooks designed to rotate up to 360 degrees, enabling the trailer to rotate independently of the towing vehicle when off-road and on uneven terrain. This is particularly important for military vehicles that are driven at high speed. The pintles from Dixon-Bate are also suitable for normal road traffic, as they can be locked in a fixed position when necessary.

For over 50 years defence forces across the world have trusted Dixon-Bate towing pintles. Versatile and engineered to last, the rotatable pintles now have a reputation as the ultimate heavy duty towing coupling and have now become the product of choice for local authorities and commercial users, especially when used for towing off road.

FEATURES AND ADVANTAGES

- Lower lock for securing the coupling in one position or for 360° rotation
- Global export success: very popular with manufacturers of military vehicles
- Lock secured with stainless steel pin and split pin
- The only products designed to tow trailers fitted with the military 3 inch/76mm Nato drawbar eye
- With black electrophoretic powder coating



Global export success: very popular for military applications and with manufacturers of military vehicles

Light 3.5 t pintle



- Trailer load: 3.5t on Prime Movers up to 32,000 kg
- D value: 30.95 kN
- Drawbar eye: min. internal diam. 75 mm
- Cross-section thickness: 38–41 mm
- Lock secured with stainless steel pin and split pin
- 4-bolt mounting as per Directive ECE-R55-01
- Bolts included in the scope of delivery



NATO part no.: 2540-99-825-6119
Land Rover part no. NRC 2051

Medium 7.5 t pintle

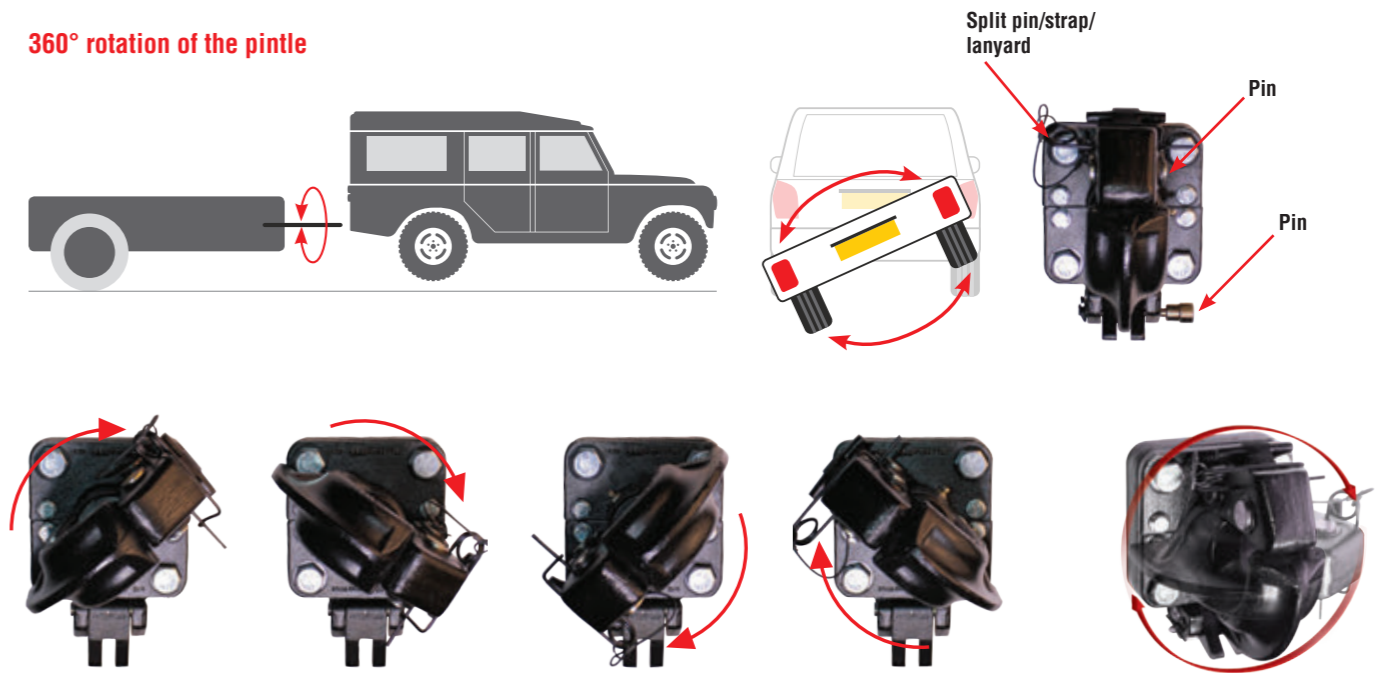


- Trailer load: 7.5t on Prime Movers up to 32,000 kg
- D value: 59.61 kN
- Drawbar eye: min. internal diam. 75 mm
- Cross-section thickness: 38–41 mm
- Lock secured with stainless steel pin and split pin
- 4-bolt mounting as per Directive ECE-R55-01
- Bolts included in the scope of delivery



NATO part no.: 2540-99-825-6118

360° rotation of the pintle



Can be rotated 360°; integrated device for securely fixing the pintle in position

Generally used in military and heavy off road applications

The towing pintle range provides the perfect off road towing system for a range of applications - from lighter vehicles and loads, to heavier, commercial, industrial and military usage.



Part no.	Product
185003815 (Bradley FV987958)	Light 3.5 t pintle
185011315 (Bradley FV987957)	Medium 7.5 t pintle



QUALITY FOR LIFE



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Due to a policy of continuous product improvement, AL-KO reserves the right to change technical specifications.

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