



# Gate Guidelines & Advice



Order No.

Customer Name:

Made by:

Quality control:

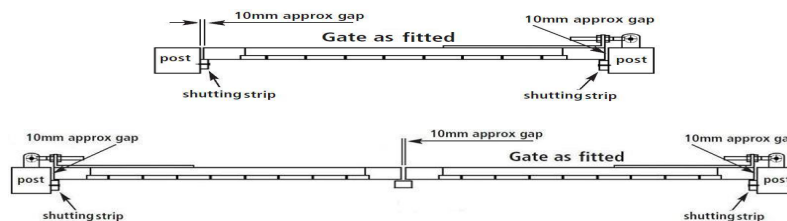
Please read this leaflet before installing your gate. The guidelines below will help ensure the gate is fitted correctly and provide a long trouble-free service. When you receive delivery of your gate, please check for the size, defects and damage and report any faults immediately.

## Storage

Please ensure the gates are stored correctly to minimize the risk of movement. If gates are to be laid flat or stacked, please keep them level with the weight evenly distributed on timber bearers to allow for an airflow. If leaning is the only option, ensure the gates weight is evenly distributed, in a dry location and away of direct sunlight and heat.

## Fitting

- We do not recommend installing the posts prior to having the gates on site. Gate posts, wall plates or suitable fence posts need to be installed on each side of the gate opening, allowing an appropriate gap depending on the hinges.
- Gate stops are essential on pedestrian gates to help prevent gates from warping over time. Regardless of gate size ensure that a minimum of a central latch and two sliding bolts are used top and bottom. If hanging as a pair use a drop bolt to the bottom of both leaves.



- Softwood gates need to be kept shut and bolted in position when not in use, for at about 45 to 60 days from installation. This is to allow the timber to weather in and settle whilst reducing the risk of movement.
- Gates made with pressure treated softwood are protected against wood rot and insect attack. These treatments do not provide all round protections against weathering. Therefore, we recommend a treatment such as Barretine Wood Protective, is applied to the gates after the settling period, to help repel moisture and reduce swell/twisting of the gate.

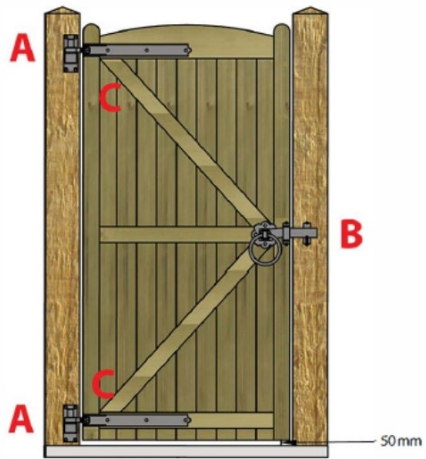
The timber in our wooden gates is a natural product and will react to the weather conditions. It is a hygroscopic material, which means it naturally absorbs and gives off water to balance out with its surrounding and is particularly affected by heat and humidity. The timber has a natural tolerance in terms of how much it can expand and contract before succumbing to warping and shrinkage. It is for this reason that we recommend you treat all our planed timber gates with a modern UV wood oil, for example Barretine Wood Protective.

Modern UV wood oils are scientifically formulated from natural oils, resins, solvents & chemicals to make them longer lasting & faster drying i.e. more durable than traditional oils. The oil contains an active UV filter that preserves the colour of the wood. Any outdoor wood that is sealed with oil at least once every year will repel water and help prevent the wood drying out unevenly, which can lead to warping. The oils essentially "fill" the microscopic holes as it is absorbed into the wood. This helps to reducing the amount of movement and weathering as the seasons change which will help ensure trouble free operation. Gates will last longer and look better than wood that is simply left to the elements. Hardwood gates should be treated before installation and required regular treatment to maintain their finish.

It is quite common for small shakes (splits) to occur during drying and also warping when timber is allowed to dry too rapidly. This is nature at work and should not be considered a fault or failing of the product.

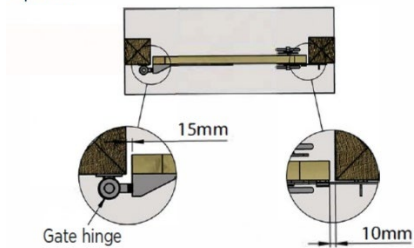
*Challenge Fencing Ltd will not be held responsible for any incidental work or problems as a result of bad storage, handling, installation or the natural properties of the product.*

## Side Gate hung between posts



View looking out from property

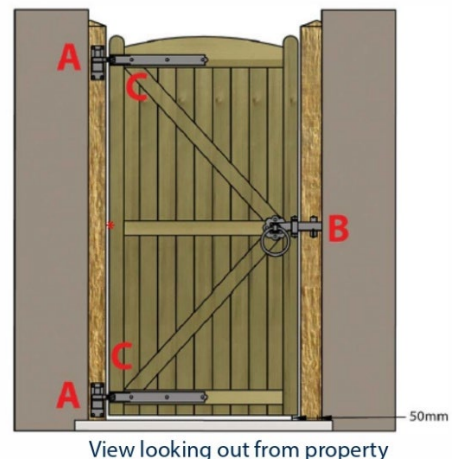
Top view



**A** Hook and Band 15mm gap or Tee Hinge 10mm gap

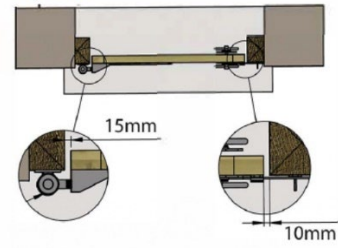
**B** Ring latch or Sufflok latch

## Side Gate hung between walls



View looking out from property

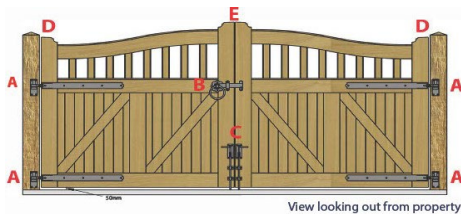
Top view



**A** Hook and Band 15mm gap or Tee Hinge 10mm gap

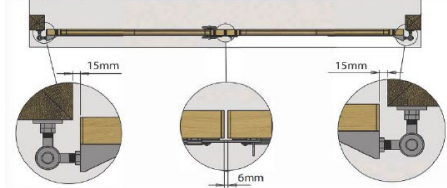
**B** Ring latch or Sufflok latch

## Driveway Gate hung between posts

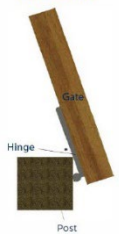


View looking out from property

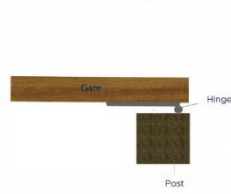
Top view



Position A



Position B



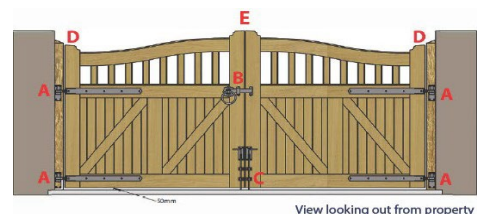
\*Please note that this hanging position will have the potential to damage the hinge/gate if left to swing

**A** Adjustable Hook and Band 15mm gap

**C** Drop bolts on both sides

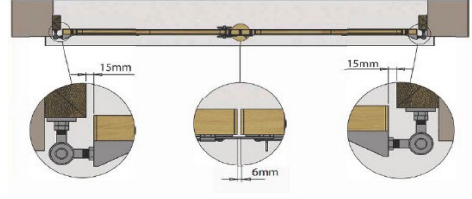
Note: Hanging position will affect gate size.

## Driveway Gate hung between walls

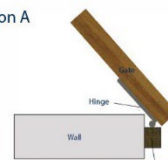


View looking out from property

Top view

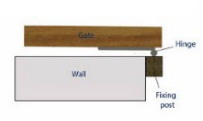


Position A

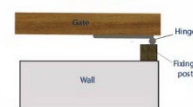


\*Please note that this hanging position will have the potential to damage the longer gate if left to swing without a gate stop

Position B



Position C

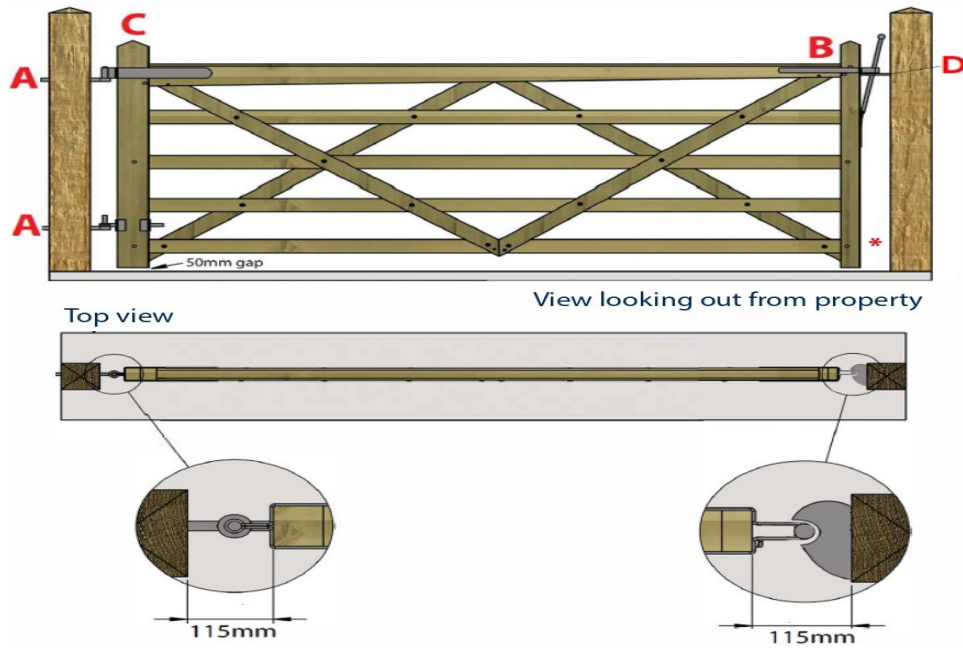


**A** Adjustable Hook and Band 15mm gap

**C** Drop bolts on both sides

Note: Hanging position will affect gate size.

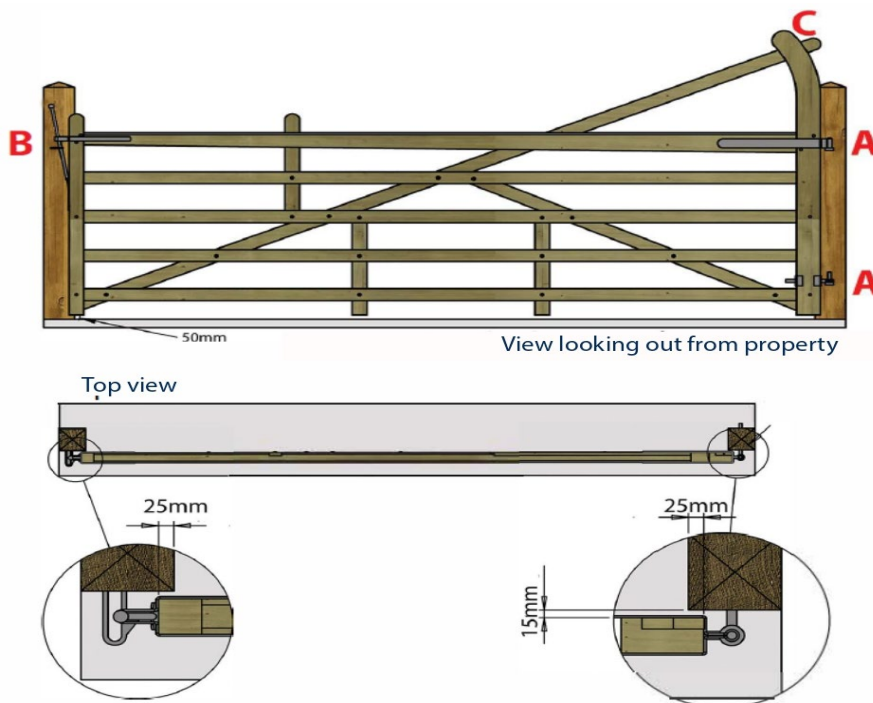
## Single 5-Bar Gate hung between posts



**A** Adjustable double strap field gate hinge set.

**B** Spring gate latch and keep set. Optional Central Closing Latch if you want the gate to swing both ways.  
*Drop bolt required if gate is to be left/held open. Ensure gate is not opened more than 90 degrees to prevent twisting.*

## Single 5-Bar Gate hung on face of the posts



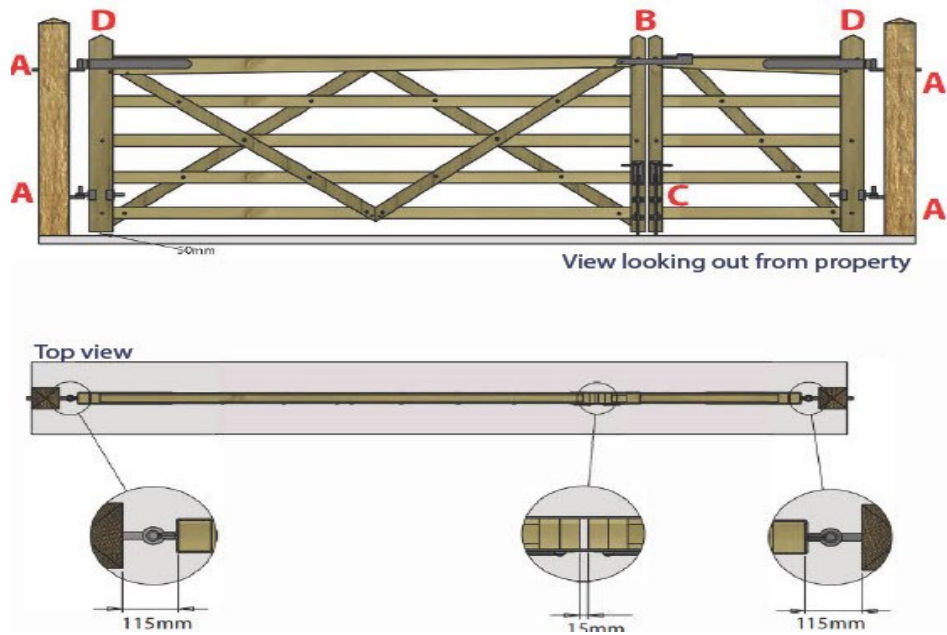
**A** Adjustable double strap field gate hinge set.

**B** Spring gate latch and keep set or Field Gate Auto Catch.

*Drop bolt if gate is to be left/held open. Ensure gate is not opened more than 90 degrees to prevent twisting.*

**We recommend that all planed timber gates are treated with a modern UV Oil immediately. This is particularly important when hanging 5-Bar gates as it will help alleviate potential warping due to weathering and UV exposure.**

## Pair 5-Bar Gates hung between posts



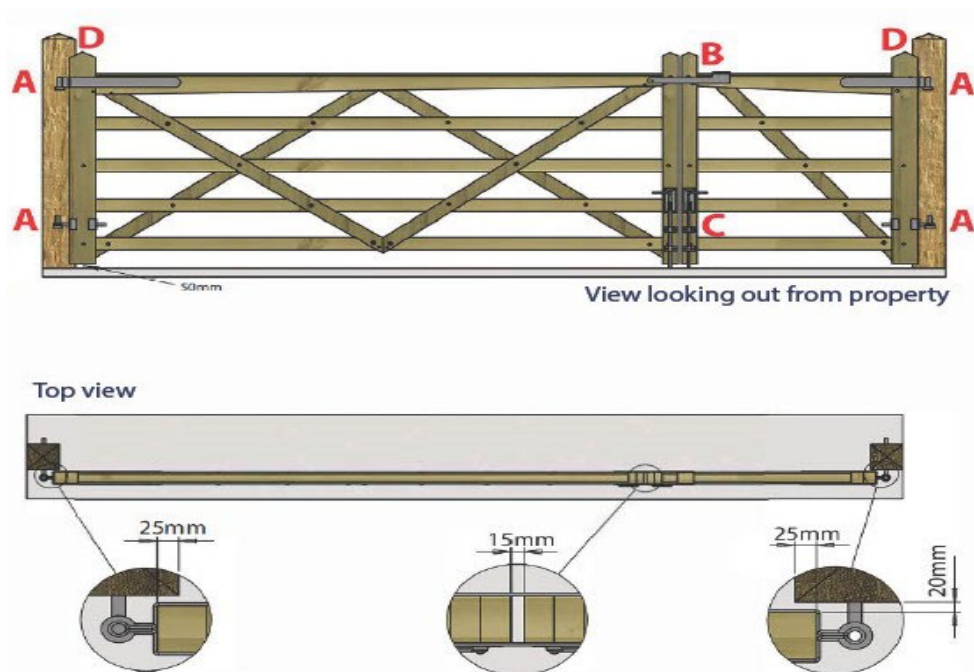
**A** Adjustable double strap field gate hinge set x 2

**B** Throw Over loop

**C** Drop bolts x 2

*Ensure gate is not opened more than 90 degree to prevent twisting.*

## Pair 5-Bar Gates hung on face of the posts



**A** Adjustable double strap field gate hinge set x 2

**B** Throw Over loop

**C** Drop bolts x 2

*Ensure gate is not opened more than 90 degrees to prevent twisting.*

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