

GATE COMPONENTS

|                                   | Swing Leaf Swing Gates | Double Leaf Swing Gates |
|-----------------------------------|------------------------|-------------------------|
| Hinge Post                        | 1 No                   | 2 No                    |
| Locking Post                      | 1 No                   | Nil                     |
| Locking Wing                      | 1 No                   | 1 No                    |
| Bolt Wing                         | Nil                    | 1 No                    |
| Green Correx Box with Accessories | 1 No                   | 1 No                    |

MORTICE Gates

| SINGLE LEAF Gates                             |                                                                                          |           |
|-----------------------------------------------|------------------------------------------------------------------------------------------|-----------|
| With 100 x 100 x 3 Gate Posts                 |                                                                                          |           |
| 1 No. Gate Kit: A Consisting of the following |                                                                                          |           |
| Quantity                                      | Item Description                                                                         | Part Code |
| 1 No                                          | Assembly Instructions                                                                    |           |
| 1 No                                          | Bag Of Lock Fittings                                                                     | ALFG01    |
| 2 No                                          | M24 Adjustable Gate Eyes - 150mm Long (including 4 No Hex Nuts )                         | AHEB01    |
| 2 No                                          | M24 Bolts 80mm Long ( Including 2 No Hex Nuts )                                          | AHFS75    |
| 8 No                                          | Galvanised Washers                                                                       | AHFS76    |
| 4 No                                          | Nylon Washers                                                                            | AYFS76    |
| 2 No                                          | 60 x 60 Flat Black Plastic Caps                                                          | ATC03     |
| 1 No                                          | Ground Socket For Drop Bolts                                                             | AHGS01    |
| ALL ABOVE ARE SUPPLIED IN A GREEN CORREX BOX  |                                                                                          |           |
| 2 No                                          | Gate Post Caps To Suit Post Size ( Supplied Loose )<br>100 x 100 Flat Black Plastic Caps | ATC06     |

SLIP LATCH Gates

| SINGLE LEAF Gate                              |                                                                                          |           |
|-----------------------------------------------|------------------------------------------------------------------------------------------|-----------|
| With 100 x 100 x 3 Gate Posts                 |                                                                                          |           |
| 1 No. Gate Kit: D Consisting of the following |                                                                                          |           |
| Quantity                                      | Item Description                                                                         | Part Code |
| 1 No                                          | Assembly Instructions                                                                    |           |
| 1 No                                          | 50mm x 10mm Slide Bar x 360mm Long                                                       | ASLATASS  |
| 1 No                                          | 12mm dia.Handle Bar x 105mm Long                                                         | ASLATASS  |
| 2 No                                          | 25mm dia. Knobs ( Threaded )                                                             | ASLATASS  |
| 1 No                                          | 60mm dia. x 10mm Thick Black Nylon Spacer                                                | ASLATASS  |
| 2 No                                          | 76mm x 28mm Black Plastic Insert                                                         | ASLATINS  |
| 1 No                                          | 76mm x 23mm Black Plastic Insert                                                         | ASLATINS  |
| 2 No                                          | M24 Adjustable Gate Eyes - 150mm Long ( including 4 No Hex Nuts )                        | AHEB01    |
| 2 No                                          | M24 Bolts 80mm Long ( Including 2 No Hex Nuts )                                          | AHFS75    |
| 8 No                                          | Galvanised Washers                                                                       | AHFS76    |
| 4 No                                          | Nylon Washers                                                                            | AYFS76    |
| 2 No                                          | 60 x 60 Flat Black Plastic Caps                                                          | ATC03     |
| 1 No                                          | Ground Socket For Drop Bolts                                                             | AHGS01    |
| ALL ABOVE ARE SUPPLIED IN A GREEN CORREX BOX  |                                                                                          |           |
| 2 No                                          | Gate Post Caps To Suit Post Size ( Supplied Loose )<br>100 x 100 Flat Black Plastic Caps | ATC06     |

| DOUBLE LEAF GATE                               |                                                                                                       |           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------|
| With 100 x 100 x 3 or 140 x 140 x 4 Gate Posts |                                                                                                       |           |
| 1 No. Gate Kit: B Consisting of the following  |                                                                                                       |           |
| Quantity                                       | Item Description                                                                                      | Part Code |
| 1 No                                           | Assembly Instructions                                                                                 |           |
| 1 No                                           | Bag Of Lock Fittings                                                                                  | ALFG01    |
| 4 No                                           | M24 Adjustable Gate Eyes - 150mm Long ( including 8 No Hex Nuts )                                     | AHEB01    |
| 4 No                                           | M24 Bolts 80mm Long ( Including 4 No Hex Nuts )                                                       | AHFS75    |
| 16 No                                          | Galvanised Washers                                                                                    | AHFS76    |
| 8 No                                           | Nylon Washers                                                                                         | AYFS76    |
| 4 No                                           | 60 x 60 Flat Black Plastic Caps                                                                       | ATC03     |
| 3 No                                           | Ground Sockets For Drop Bolts                                                                         | AHGS01    |
| ALL ABOVE ARE SUPPLIED IN A GREEN CORREX BOX   |                                                                                                       |           |
| 2 No                                           | Gate Post Caps To Suit Post Size ( Supplied Loose )<br>100 x 100 or 140 x 140 Flat Black Plastic Caps | ATC11     |

| DOUBLE LEAF GATE                               |                                                                                                       |           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------|
| With 100 x 100 x 3 or 140 x 140 x 4 Gate Posts |                                                                                                       |           |
| 1 No. Gate Kit: E Consisting of the following  |                                                                                                       |           |
| Quantity                                       | Item Description                                                                                      | Part Code |
| 1 No                                           | Assembly Instructions                                                                                 |           |
| 1 No                                           | 50mm x 10mm Slide Bar x 360mm Long                                                                    | ASLATASS  |
| 1 No                                           | 12mm dia.Handle Bar x 105mm Long                                                                      | ASLATASS  |
| 2 No                                           | 25mm dia. Knobs ( Threaded )                                                                          | ASLATASS  |
| 1 No                                           | 60mm dia. x 10mm Thick Black Nylon Spacer                                                             | ASLATASS  |
| 3 No                                           | 76mm x 28mm Black Plastic Insert                                                                      | ASLATINS  |
| 4 No                                           | M24 Adjustable Gate Eyes - 150mm Long ( including 8 No Hex Nuts )                                     | AHEB01    |
| 4 No                                           | M24 Bolts 80mm Long ( Including 4 No Hex Nuts )                                                       | AHFS75    |
| 16 No                                          | Galvanised Washers                                                                                    | AHFS76    |
| 8 No                                           | Nylon Washers                                                                                         | AYFS76    |
| 4 No                                           | 60 x 60 Flat Black Plastic Caps                                                                       | ATC03     |
| 3 No                                           | Ground Sockets For Drop Bolts                                                                         | AHGS01    |
| ALL ABOVE ARE SUPPLIED IN A GREEN CORREX BOX   |                                                                                                       |           |
| 2 No                                           | Gate Post Caps To Suit Post Size ( Supplied Loose )<br>100 x 100 or 140 x 140 Flat Black Plastic Caps | ATC11     |

| LARGE DOUBLE LEAF GATE                        |                                                                    |           |
|-----------------------------------------------|--------------------------------------------------------------------|-----------|
| With 180 x 180 x 6 Gate Posts                 |                                                                    |           |
| 1 No. Gate Kit: C Consisting of the following |                                                                    |           |
| Quantity                                      | Item Description                                                   | Part Code |
| 1 No                                          | Assembly Instructions                                              |           |
| 1 No                                          | Bag Of Lock Fittings                                               | ALFG01    |
| 6 No                                          | M24 Adjustable Gate Eyes - 200mm Long ( including 12 No Hex Nuts ) | AHEB02    |
| 2 No                                          | M24 Bolts 80mm Long ( Including 2 No Hex Nuts )                    | AHFS75    |
| 2 No                                          | M24 Bolts 150mm Long ( Including 2 No Hex Nuts )                   | AHFS77    |
| 20 No                                         | Galvanised Washers                                                 | AHFS76    |
| 12 No                                         | Nylon Washers                                                      | AYFS76    |
| 4 No                                          | 60 x 60 Flat Black Plastic Caps                                    | ATC03     |
| 3 No                                          | Ground Sockets For Drop Bolts                                      | AHGS01    |
| ALL ABOVE ARE SUPPLIED IN A GREEN CORREX BOX  |                                                                    |           |

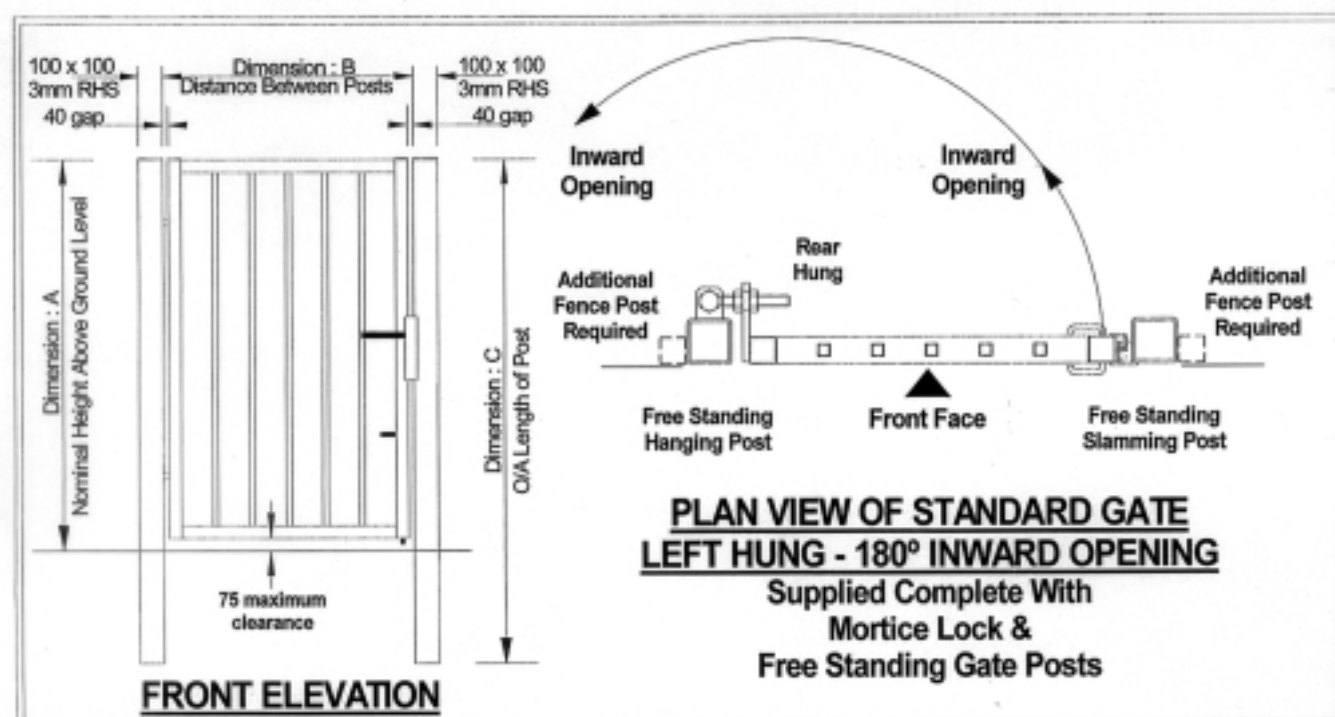
| LARGE DOUBLE LEAF GATE                        |                                                                    |           |
|-----------------------------------------------|--------------------------------------------------------------------|-----------|
| With 180 x 180 x 6 Gate Posts                 |                                                                    |           |
| 1 No. Gate Kit: F Consisting of the following |                                                                    |           |
| Quantity                                      | Item Description                                                   | Part Code |
| 1 No                                          | Assembly Instructions                                              |           |
| 1 No                                          | 50mm x 10mm Slide Bar x 360mm Long                                 | ASLATASS  |
| 1 No                                          | 12mm dia.Handle Bar x 105mm Long                                   |           |
| 2 No                                          | 25mm dia. Knobs ( Threaded )                                       |           |
| 1 No                                          | 60mm dia. x 10mm Thick Black Nylon Spacer                          |           |
| 3 No                                          | 76mm x 28mm Black Plastic Insert                                   | ASLATINS  |
| 6 No                                          | M24 Adjustable Gate Eyes - 200mm Long ( including 12 No Hex Nuts ) | AHEB02    |
| 2 No                                          | M24 Bolts 80mm Long ( Including 2 No Hex Nuts )                    | AHFS75    |
| 2 No                                          | M24 Bolts 150mm Long ( Including 2 No Hex Nuts )                   | AHFS77    |
| 20 No                                         | Galvanised Washers                                                 | AHFS76    |
| 12 No                                         | Nylon Washers                                                      | AYFS76    |
| 4 No                                          | 60 x 60 Flat Black Plastic Caps                                    | ATC03     |
| 3 No                                          | Ground Sockets For Drop Bolts                                      | AHGS01    |
| ALL ABOVE ARE SUPPLIED IN A GREEN CORREX BOX  |                                                                    |           |



# Robusta Swing Gates

## Assembly Details





| Dim : A<br>Nominal<br>Height | Weights | Dimension : B<br>Distance Between Posts |           |           | Dim : C<br>O/A Length<br>of Posts |
|------------------------------|---------|-----------------------------------------|-----------|-----------|-----------------------------------|
|                              |         | 1000                                    | 1200      | 1500      |                                   |
| 1.0m                         | Leaf    | 23.22 kgs                               | 26.54 kgs | 30.58 kgs | 1500mm                            |
|                              | Posts   | 31.96 kgs                               | 31.96 kgs | 31.96 kgs |                                   |
| 1.2m                         | Leaf    | 25.64 kgs                               | 29.36 kgs | 33.80 kgs | 1800mm                            |
|                              | Posts   | 35.54 kgs                               | 35.54 kgs | 35.54 kgs |                                   |
| 1.5m                         | Leaf    | 29.28 kgs                               | 33.60 kgs | 38.64 kgs | 2100mm                            |
|                              | Posts   | 40.92 kgs                               | 40.92 kgs | 40.92 kgs |                                   |
| 1.8m                         | Leaf    | 33.17 kgs                               | 38.19 kgs | 43.93 kgs | 2500mm                            |
|                              | Posts   | 48.08 kgs                               | 48.08 kgs | 48.08 kgs |                                   |
| 2.0m                         | Leaf    | 35.34 kgs                               | 40.66 kgs | 46.70 kgs | 2700mm                            |
|                              | Posts   | 51.66 kgs                               | 51.66 kgs | 51.66 kgs |                                   |
| 2.4m                         | Leaf    | 40.75 kgs                               | 47.09 kgs | 54.15 kgs | 3100mm                            |
|                              | Posts   | 58.84 kgs                               | 58.84 kgs | 58.84 kgs |                                   |

**OPTIONAL TOPPINGS**

40 x 3mm Serrated Strip  
welded to top of leaf  
for 1.8m high & over

Vertical Extensions  
For 3no Rows of  
Barbed Wire

**OPTIONAL LATCH**

50 x 10mm Slip-Latch  
on inside face of leaf  
and holed for Padlock

**SPECIFICATION :**

|             |                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------|
| Gate Posts  | : 100 x 100 x 3mm RHS<br>For All Heights                                                             |
| Outer Frame | : 60 x 60 x 2mm RHS<br>Fully Welded                                                                  |
| Tube Infill | : 25 x 25 x 1.5mm RHS<br>Pitched at 135mm crs.                                                       |
| Hinges      | : 25mm dia. - Rear Hung<br>180° Inward Opening<br>Fully Adjustable                                   |
| Ground Bolt | : 20mm dia. - On Inside Face<br>Lockable with Padlock                                                |
| Lock        | : Mortise Lock - Euro Cylinder<br>and 3 Keys                                                         |
| Handles     | : Standard Accommodates -<br>On Inside + On Outside<br>On Inside Only & Key<br>No Handles & Key Only |

**Important Note :** Foundation Details should  
be as recommended in BS 1722 Part : 14  
for Open Mesh Steel Panel Fences

REVISION : A - Weights Revised - 26.02.02



Tinsley Wire - Wigan  
Woodhouse Lane Phone 0870 120 3252  
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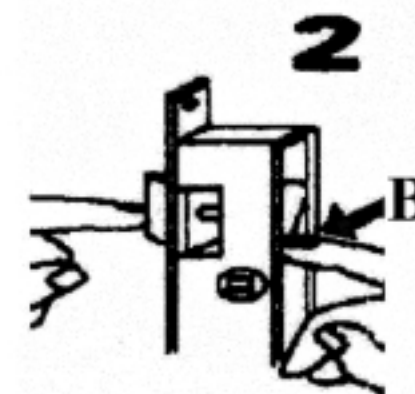
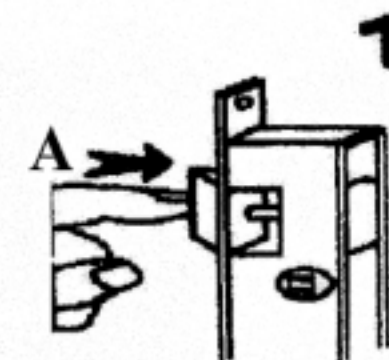
**PRODUCT DESCRIPTION :**

Robusta Swing Gates  
Details of Standard  
Single Leaf Gates  
With Tube Infill

Drawn MJH  
Date 30.01.02  
Drawing No :  
RB-SLG-T01 REV A

Depress Catch **A** around 5mm into lock body.

Do not use excessive force.



Whilst Catch **A** is still being depressed, push in  
lever **B** until resistance is felt (about 10mm).

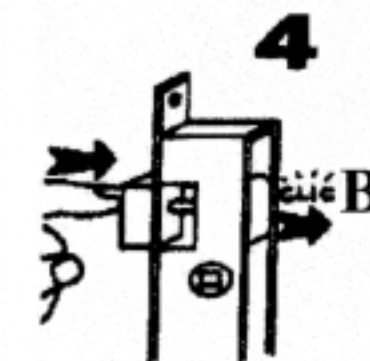
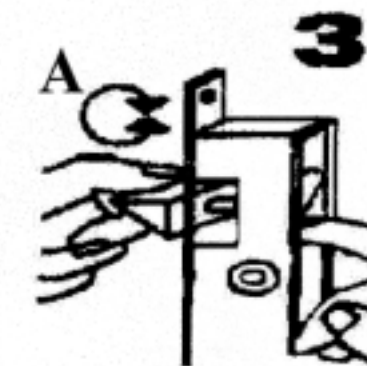
Do not use excessive force.

Let go of Catch **A**.

Let go of Lever **B**.

Turn Catch **A** through 180° to face the other direction.

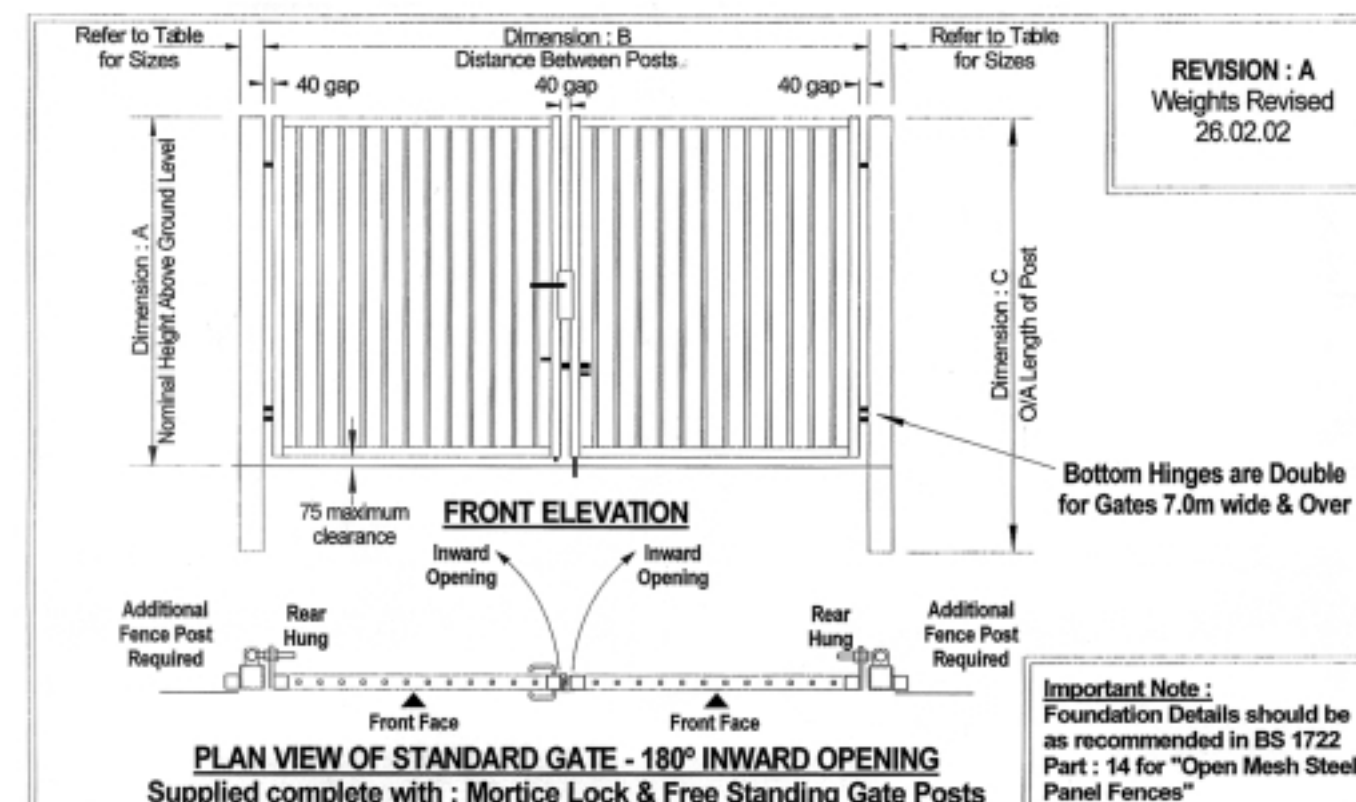
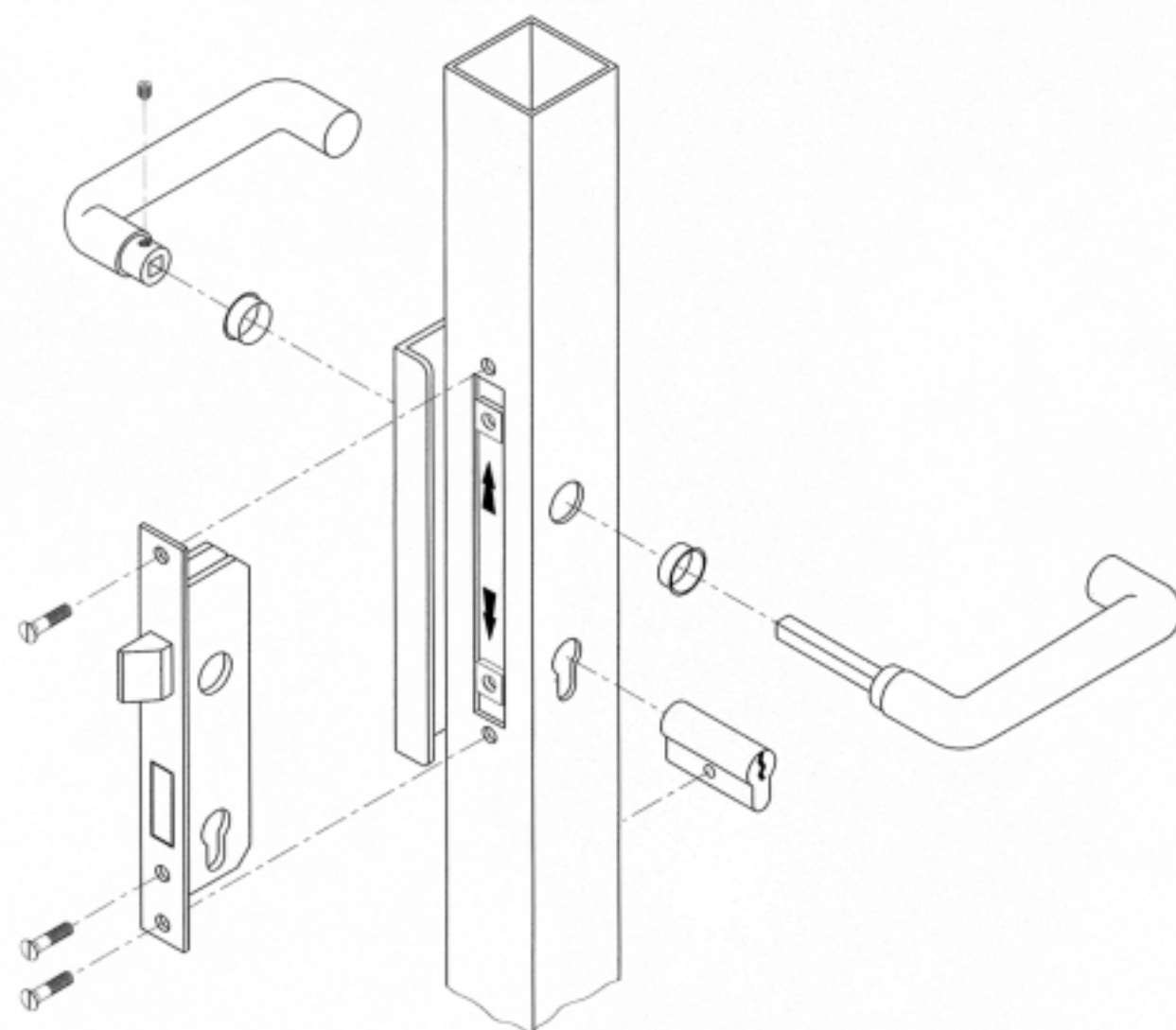
Do not use excessive force.



Make sure Catch **A** is lined up properly in its  
slot and then keep pushing it back in until a  
'click' is heard from Lever **B**.

Do not use excessive force.

The Lock Body has now been turned from left hand to  
right hand, or visa versa.



| Dim : A<br>Nominal<br>Height | Size<br>&<br>Weights | Dimension : B = Distance Between Posts (mm) |            |            |            |            |            | Dim : C<br>O/A Length<br>of Posts |
|------------------------------|----------------------|---------------------------------------------|------------|------------|------------|------------|------------|-----------------------------------|
|                              |                      | 1960                                        | 2960       | 4060       | 5060       | 6060       | 7060       |                                   |
| 1.0m                         | Leaves               | 45.41 kgs                                   | 60.13 kgs  | 75.57 kgs  | 92.41 kgs  | N/A        | N/A        | 1500mm                            |
|                              | Posts                | 31.96 kgs                                   | 31.96 kgs  | 31.96 kgs  | 56.92 kgs  | N/A        | N/A        |                                   |
|                              | Section              | 100x100x3                                   | 100x100x3  | 100x100x3  | 140x140x4  | N/A        | N/A        |                                   |
| 1.2m                         | Leaves               | 50.25 kgs                                   | 66.57 kgs  | 83.61 kgs  | 102.05 kgs | N/A        | N/A        | 1800mm                            |
|                              | Posts                | 35.54 kgs                                   | 35.54 kgs  | 35.54 kgs  | 63.62 kgs  | N/A        | N/A        |                                   |
|                              | Section              | 100x100x3                                   | 100x100x3  | 100x100x3  | 140x140x4  | N/A        | N/A        |                                   |
| 1.5m                         | Leaves               | 57.53 kgs                                   | 76.25 kgs  | 95.69 kgs  | 116.53 kgs | 141.89 kgs | N/A        | 2100mm                            |
|                              | Posts                | 40.92 kgs                                   | 40.92 kgs  | 40.92 kgs  | 73.66 kgs  | 73.66 kgs  | N/A        |                                   |
|                              | Section              | 100x100x3                                   | 100x100x3  | 100x100x3  | 140x140x4  | 140x140x4  | N/A        |                                   |
| 1.8m                         | Leaves               | 65.31 kgs                                   | 86.83 kgs  | 111.19 kgs | 132.71 kgs | 162.29 kgs | 208.69 kgs | 2500mm                            |
|                              | Posts                | 48.08 kgs                                   | 48.08 kgs  | 48.08 kgs  | 87.86 kgs  | 87.86 kgs  | 165.16 kgs |                                   |
|                              | Section              | 100x100x3                                   | 100x100x3  | 140x140x4  | 140x140x4  | 140x140x4  | 180x180x6  |                                   |
| 2.0m                         | Leaves               | 69.65 kgs                                   | 92.37 kgs  | 117.93 kgs | 140.65 kgs | 172.57 kgs | 220.15 kgs | 2700mm                            |
|                              | Posts                | 51.66 kgs                                   | 51.66 kgs  | 51.66 kgs  | 93.78 kgs  | 93.78 kgs  | 177.98 kgs |                                   |
|                              | Section              | 100x100x3                                   | 100x100x3  | 140x140x4  | 140x140x4  | 140x140x4  | 180x180x6  |                                   |
| 2.4m                         | Leaves               | 80.47 kgs                                   | 107.27 kgs | 136.91 kgs | 163.71 kgs | 201.53 kgs | 254.09 kgs | 3100mm                            |
|                              | Posts                | 58.84 kgs                                   | 58.84 kgs  | 107.20 kgs | 107.20 kgs | 107.20 kgs | 203.62 kgs |                                   |
|                              | Section              | 100x100x3                                   | 100x100x3  | 140x140x4  | 140x140x4  | 140x140x4  | 180x180x6  |                                   |

**OPTIONAL TOPPINGS**

40 x 3mm Serrated Strip  
welded to top of leaf  
for 1.8m high & over

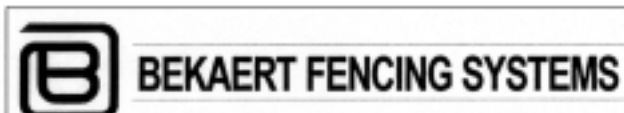
Vertical Extensions  
For 3no Rows of  
Barbed Wire

**OPTIONAL LATCH**

50 x 10mm Slip-Latch  
on inside face of leaf  
and holed for Padlock

**SPECIFICATION :**

|                               |                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Gate Posts                    | : 100 x 100 x 3mm RHS<br>: 140 x 140 x 4mm RHS<br>: 180 x 180 x 6mm RHS                                                                       |
| Outer Frame<br>(fully welded) | : 60 x 60 x 2mm RHS Verticals<br>: 60 x 60 x 2mm RHS Hor'ls<br>1.0 To 6.0m wide gates<br>: 80 x 60 x 2.5mm RHS Hor'ls<br>Over 6.0m wide gates |
| Tube Infill                   | : 25 x 25 x 1.5mm RHS<br>pitched at 135mm crs.                                                                                                |
| Hinges                        | : 25mm dia. - Rear Hung<br>180° Inward Opening<br>Fully Adjustable.                                                                           |
| Ground Bolts                  | : 20mm dia. - On Inside Face<br>with Anti-Lift bracket.<br>Lockable with Padlock.                                                             |
| Lock                          | : Mortise Lock - Euro Cylinder<br>and 3 Keys.                                                                                                 |
| Handles                       | : Standard Accommodates<br>On Inside + On outside.<br>On Inside Only & Key<br>No Handles & Key Only                                           |



Tinsley Wire - Wigan  
Woodhouse Lane  
Wigan WN6 7NS  
Phone 0870 120 3252  
Fax 0870 120 3242

**PRODUCT DESCRIPTION :**

Robusta Swing Gates  
Details of Standard  
On-Site Mortise Lock  
And Handle Assembly

Drawn

MJH

Date

29.07.02

Drawing No :

RBG-AS-L1

REV



Tinsley Wire - Wigan  
Woodhouse Lane  
Wigan WN6 7NS  
Phone 0870 120 3252  
Fax 0870 120 3242

**PRODUCT DESCRIPTION :**

Robusta Swing Gates  
Details of Standard  
Double Leaf Gates  
With Tube Infill

Drawn

MJH

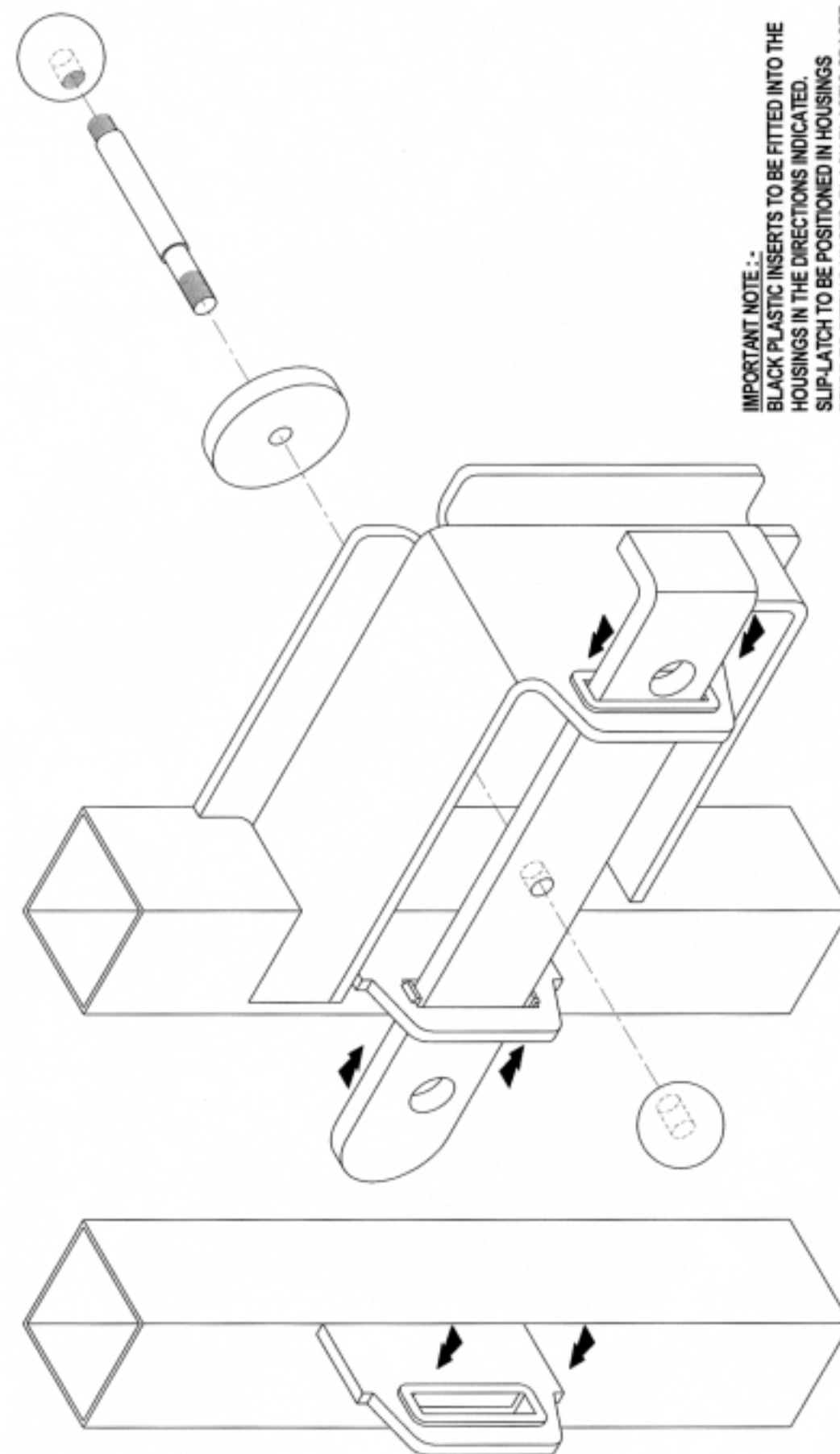
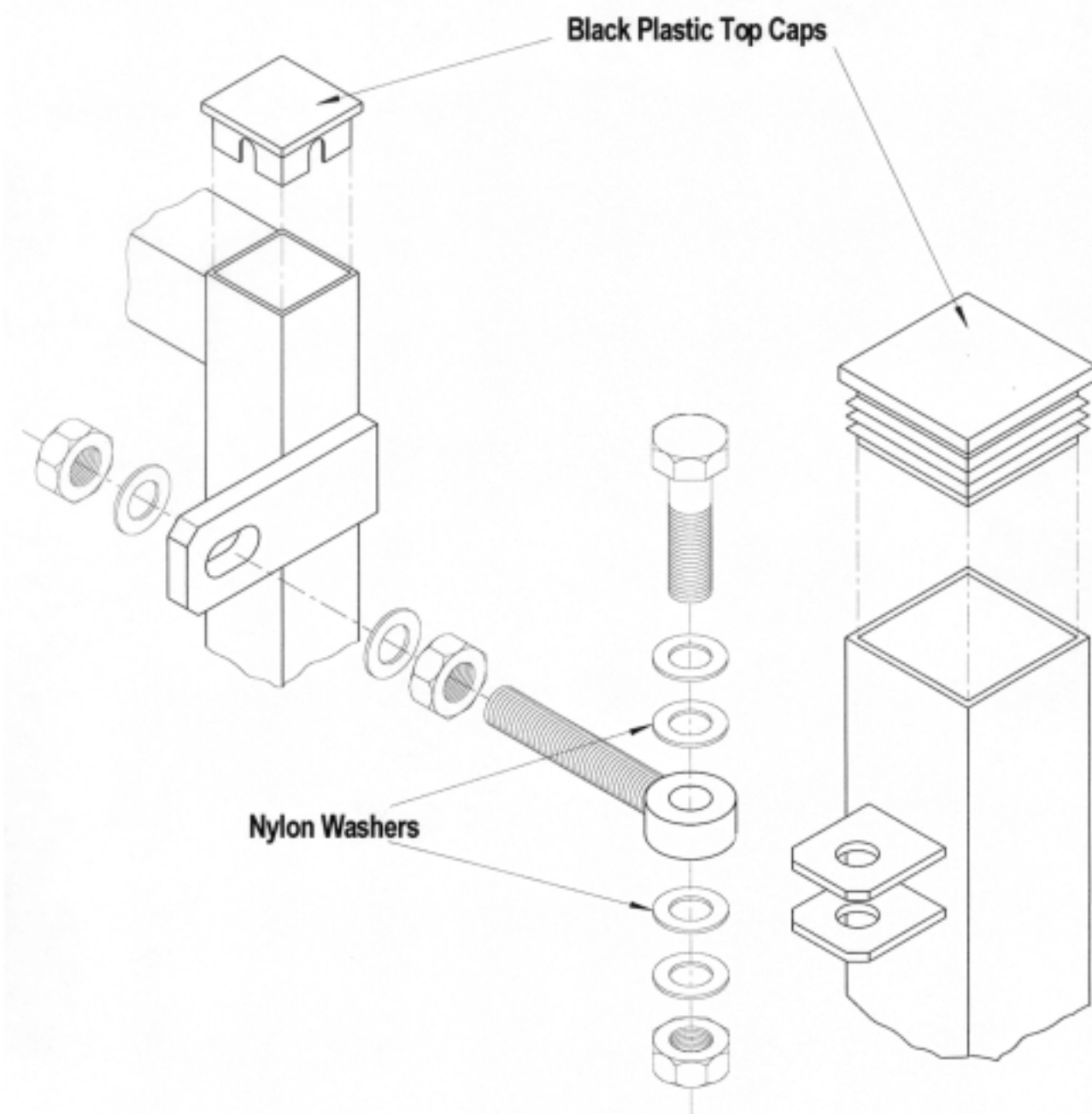
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30.01.02

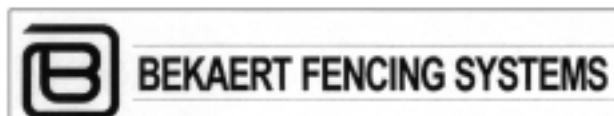
Drawing No :

RB-DLG-T02

REV  
A



**IMPORTANT NOTE:-**  
BLACK PLASTIC INSERTS TO BE FITTED INTO THE HOUSINGS IN THE DIRECTIONS INDICATED.  
SLIP-LATCH TO BE POSITIONED IN HOUSINGS PRIOR TO FITTING KNOBS, BLACK PLASTIC SPACER AND HANDLE



Tinsley Wire - Wigan  
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**PRODUCT DESCRIPTION :**  
Robusta Swing Gates  
Details of Standard  
On-Site Hinge Assembly

|                           |          |
|---------------------------|----------|
| Drawn                     | MJH      |
| Date                      | 29.07.02 |
| Drawing No :<br>RBG-AS-H1 |          |
|                           | REV      |

|       |     |      |          |                           |     |
|-------|-----|------|----------|---------------------------|-----|
| Drawn | MJH | Date | 29.08.02 | Drawing No :<br>RBG-AS-SL | REV |
|-------|-----|------|----------|---------------------------|-----|

**PRODUCT DESCRIPTION :** Robusta Swing Gates  
Details of Standard On-Site Slip-Latch  
And Handle Assembly

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Woodhouse Lane Wigan WN6 7NS  
Phone 0870 120 3252  
Fax 0870 120 3242

**BEKAERT FENCING SYSTEMS**

