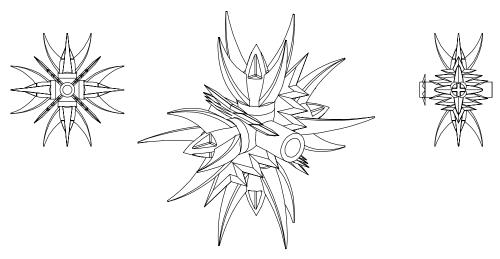
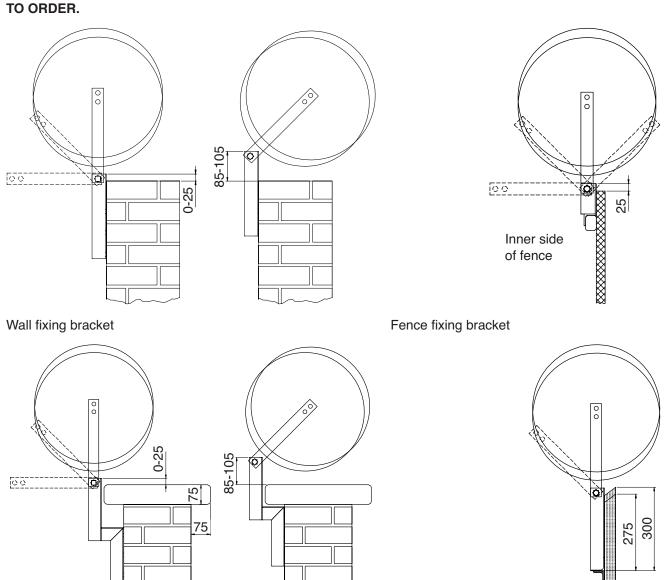
RAPTOR SECURITY SYSTEM



INSTALLATION



POSSIBLE ARRANGEMENT OF TOP-ARMS USING STANDARD FIXING BRACKETS. OTHER FIXING BRACKETS MADE TO ORDER



Coping stone bracket

Palisade fixing bracket

WARNING: SHARP EDGES! ALWAYS WEAR PROTECTIVE GLOVES & HELMET

FIGURE 1:

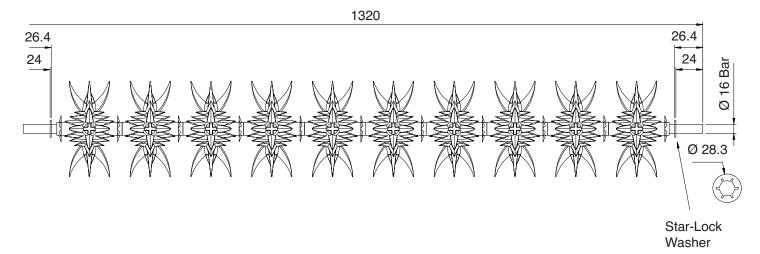
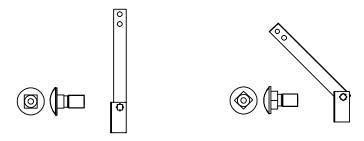
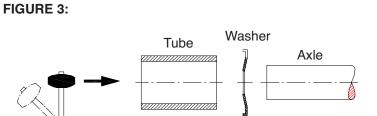


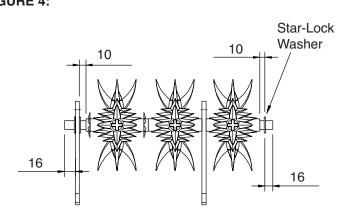
FIGURE 2:



The bolt's square neck position adjusts the angle of the top-arm.

FIGURE 4:

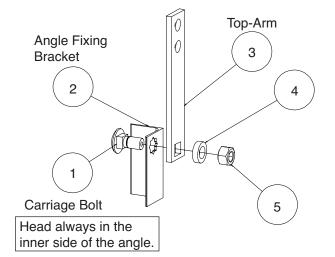




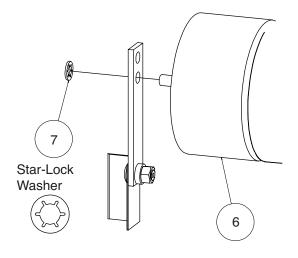
If short runs are required or top-arms need to be positioned between Raptor units, you must ensure that a star-lock washer is positioned on the end of the spindle.

Top-arm is attached from the side with the mark (a circle).

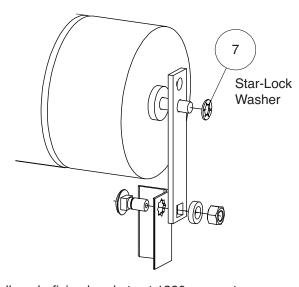
PHASE 1:



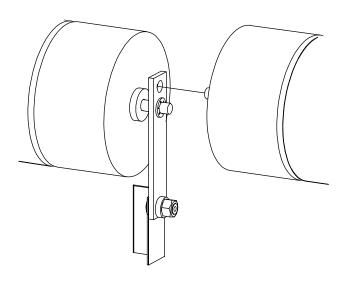
PHASE 2:



PHASE 3:



PHASE 4:



- 1. Install angle-fixing brackets at 1280mm centres.
- 2. Using a carriage bolt as shown in Fig 2, attach top-arm bracket to angle-fixing bracket as shown in PHASE 1.
- Take pre-assembled raptor spindle, fix to one of top-arm holes and secure with a star-lock washer as shown in PHASE 2 . Star-lock washers can be fixed using a ¾" socket or a D26.9 x 3.2 mm tube (Outside Diameter x Thickness) -[Not Supplied] . See Fig 3
- 4. Attach top-arm bracket to angle-fixing bracket and to the other end of raptor spindle (same hole as first end) and secure with a star-lock washer as shown in PHASE 3.
- 5. Take pre-assembled raptor spindle and fix to the free top-arm hole as shown in PHASE 4. No star-lock washer there.
- 6. As step 4.
- 7. For short runs see Fig. 4

PARTS LIST	
A/N	Description
1	Round head square neck bolt
2	Angle-fixing bracket
3	Top-arm
4	Washer (3mm thick)
5	Hex nut
6	Raptor bay
7	Star-lock washer

Whilst every effort has been made to ensure the accuracy of the information supplied. F.H.Brundle cannot be held responsible for any errors or omissions. This product must only be employed for its original intended use. Any other use is wrong and potentially dangerous. Installation must be carried out in full compliance with current regulations. F.H.Brundle cannot be held liable for any damages resulting from wrongful, erroneous or negligent use.

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