

## FLIP-LOCK SYSTEM INSTRUCTIONS

### Step 1: Mark & Drill Post Holes



Mark out and drill all posts at the required spacing and hole size. Flip toggle end post 6mm (inside face only), hex head tensioner post 9mm outside face, 7.5mm inside face and intermediate posts 7.5mm.

### Step 2: Insert Flip Toggle



Insert the flip toggle and swage terminal into the 6mm pre-drilled hole.

### Step 3: Lock Flip Toggle in Place



Pull the wire to lock the flip toggle in place.

### Step 4: Pass Wire Through Posts



Pass the opposite end of the wire through the pre-drilled intermediate posts (remove nut before passing swage stud through).

### Step 5: Thread on Hex Head Tensioner



Insert the hex head tensioner into the 9mm hole on the outside face of the post. Thread the tensioner onto the swage stud. (threads will meet inside the post).

### Step 6: Tension Wires



Using a ProRig c-spanner hold the swage stud, using a 1/4" allen key tighten the hex head tensioner until the desired tension is achieved.

### Step 7: Complete Section



Repeat steps 2-6 until the section has been completed.

### Step 8: Finish Sections



Repeat steps 1-7 until all sections have been completed.

### Step 9: Complete Balustrade



Congratulations on completing your new ProRig balustrade system.

**Disclaimer:** These instructions are intended as a general guide only. Installation processes may need to be modified depending on the situation of use.

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ORIGINAL DESIGN

## Flip-Lock System

Quick Order Ref # BS-FL1

Flip Toggle Patent No: 2010101014



MAX RUN LENGTH  
10 METRES




The ProRig Original Design BS-FL1 Flip-Lock System system offers you one of the most streamline wire balustrade systems available on the market. Wires can be factory swaged for a super quick and easy installation. All components are expertly manufactured from high quality materials for an extremely durable and exceptional looking finish to your wire balustrade.

### System Components

<p>1 x S7500-06</p>  <p>6mm Hex Head Tensioner 316 Grade Stainless Steel</p>	<p>1 x S7801R-030640</p>  <p>M6 x 40mm RHT Swage Stud 316 Grade Stainless Steel</p>	<p>1 x S7807-03</p>  <p>3.2mm Swage Terminal 316 Grade Stainless Steel</p>	<p>1 x S7808-03</p>  <p>3.2mm Flip Toggle 316 Grade Stainless Steel</p>
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Components (per wire): \$ \_\_\_\_\_

### Recommended Wire Rope

			<p>W03.2119 3.2mm 1 x 19 Wire Rope 316 Grade Stainless Steel</p>
1 x 19	7 x 7	7 x 19	

Wire (Per Metre): \$ \_\_\_\_\_

### System Highlights




- ✓ Quick and simple DIY installation (no experience required) with extremely professional finish
- ✓ Designed for installation into metal posts
- ✓ Suitable for use on stair sections when used with beveled washers (tensioner end only)
- ✓ Made from high quality 316 marine grade stainless steel (flip toggle; 304 grade stainless steel)
- ✓ Ideal for use with ultra bright 3.2mm 1 x 19 ProRig 316 grade stainless steel wire rope

### Recommended Tools For Installation

Power Drill  
AK-6.3 - 1/4" Allen Key  
MULTI-01 - ProRig Multi Tool

### Recommended Drill Bits For Installation

DCB-09.0 – 9.0mm Cobalt drill bit  
DCB-07.5 – 7.5mm Cobalt drill bit  
DCB-06.0 – 6.0mm Cobalt drill bit

Function		Suitable for straight sections and adaptable to suit angled sections makes this system very versatile. This system is only suitable for use with hollow metal posts.
Style		The BS-FL1 system has almost no visible fittings once installed. The flip toggle end is completely hidden inside the post and only minor parts are visible on the tensioner end.
Installation		Easy to install, the BS-FL1 system simply requires the insertion of the flip toggle, threading through of the swage stud and tensioning with the Hex Head Tensioner.

Available From:



#### Metal Posts Only

Only suitable for use with metal posts.

MAX RUN LENGTH  
10 METRES

Indicates maximum recommended wire run length for each system.



#### Factory Hydraulic Swaging

Factory hydraulic swaging required using 3.2mm and 2.5mm dies.



#### Hex-Crimp Swaging

A Hex-Crimp Hand Swaging tool can be used for flip toggle end only.