



EZI-CRIMP METAL SYSTEM INSTRUCTIONS



ORIGINAL DESIGN

Patent No. 2009100456

Step 1: Mark & Drill Post Holes



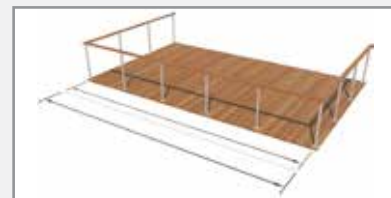
Mark out and drill all posts at the required spacing and hole size (end posts 11mm, intermediate posts 4 mm). **Note:** ProRail posts can be supplied with all holes pre-drilled.

Step 2: Insert Nut Rivets



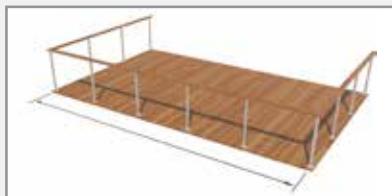
Use the HN-02 nut rivet tool to insert the nut rivets into the pre-drilled end posts.

Step 3: Measure Section Length



Measure the distance between the inside faces of the end posts to establish the section length.

Step 4: Cut Wire Rope



Cut wire 70mm longer than your measured section.

Step 5: Create Stop Assembly



Thread the finishing stop (with the thread end facing the end of the wire) and the swage terminal onto the wire.

Step 6: Crimp Swage Terminal



Crimp the swage terminal four times using the HX-50 swage tool (setting 6).

Step 7: Thread in Stop Assembly



Thread stop bolt end into nutsert, tighten and lock with PL-10 pliers.

Step 8: Pass Wire Through Posts



Pass the opposite end of the wire through the pre-drilled intermediate posts

Step 9: Create Tension Assembly



On the open end of the wire thread the finishing cap, tension rod and swage terminal (as above). Crimp the swage terminal four times.

Step 10: Tension Wires



Thread tension rod into the nutsert and tighten using the ProRig c-spanner until the desired tension is achieved.

Step 11: Lock System in Place



To lock the system in place, tighten the finishing cap against the head of the nut rivet using the PL-10 soft jaw pliers.

Step 12: Attach All the Wires



Repeat until all sections have been completed.






The ProRig Original Design BS-EC2 Ezi-Crimp Metal System offers you the most streamline hand swaged wire balustrade system available on the market. Wires can be quickly and easily manufactured on-site using our range of DIY hand tools. All components are expertly manufactured from high quality materials for an extremely durable and exceptional looking finish to your wire balustrade.

System Components

2 x SBRNR-083.0  M8 RHT Nut Rivet 0.5-3.0mm 304 Grade Stainless Steel	1 x S3320-0830  M8 Tension Rod 304 Grade Stainless Steel	1 x S3330-0825  M8 Finishing Cap 316 Grade Stainless Steel	1 x S3340-08  M8 Stop Bolt 316 Grade Stainless Steel	2 x S7807-03  3.2mm Swage Terminal 316 Grade Stainless Steel
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Components (per wire): \$ _____

Recommended Wire Rope

			W03.2119 3.2mm 1 x 19 Wire Rope 316 Grade Stainless Steel
1 x 19	7 x 7	7 x 19	

Wire (Per Metre): \$ _____

System Highlights

- ✓ The most professional and streamline hand swaged wire balustrade system on the market
- ✓ Quick and simple DIY installation (no experience required)
- ✓ Designed for installation into metal posts
- ✓ Made from high quality 316 marine grade stainless steel (nut rivets, tension rod: 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

HX-50 - Hex Hand Swaging Tool **MULTI-01** - ProRig Multi Tool
WRC-4CRH - 4mm Wire Rope Cutters **PL-10** - Soft Jaw Pliers

Recommended Drill Bits For Installation

DCB-11.0 – 11.0mm Viper Drill Bit
DCB-04.0 – 4.0mm Viper Drill Bit

Function



Because this system uses nut rivets it is only suitable for straight sections. This system cannot be installed on stair or angled sections.

Style



Being a ProRig Original Design product we've made this system as streamline as possible with no bulky turnbuckles and very limited external components.

Installation



Really quick and easy hand swage system, just install the nut rivets, manufacture wires, attach and tension.

Available From:



Metal Posts Only

Only suitable for use with metal posts.

Hex-Crimp Swaging Recommended

A hex-crimp hand swaging tool is recommended for this system.

MAX RUN LENGTH
6 METRES

Indicates maximum recommended wire run length for each system.