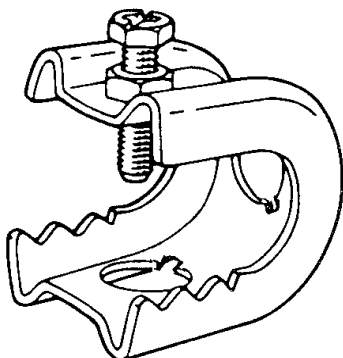
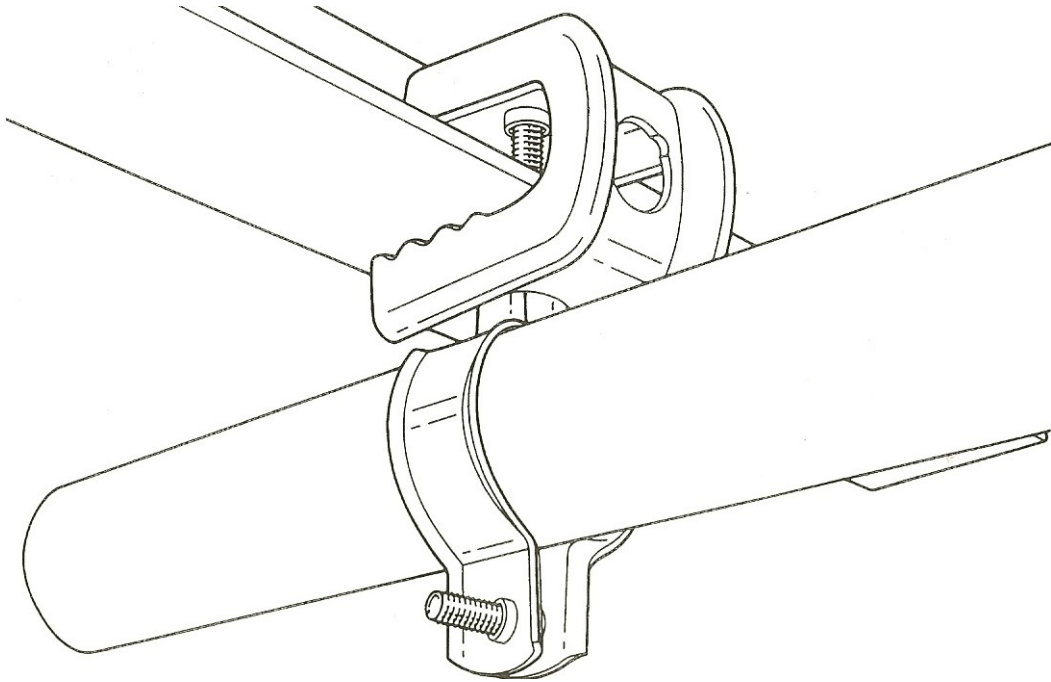


SPRINGER SYSTEMS

MAY 2019 CATALOGUE

BEAM CLAMPS, PIPE CLIPS
AND STAINLESS STEEL BANDING



Australian Distributor

L.S.A. ELECTRICAL PTY. LTD.

PHONE (03) 9723-7333

A.B.N. 22 189 542 359

POSTAL ADDRESS BOX 347 CROYDON VIC. 3136

FACTORY ADDRESS

1/23 ORCHARD STREET KILSYTH VIC. 3137

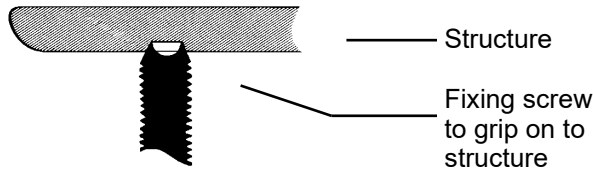
Email sales@springersystems.com.au



U RACK STAINLESS STEEL FITTINGS

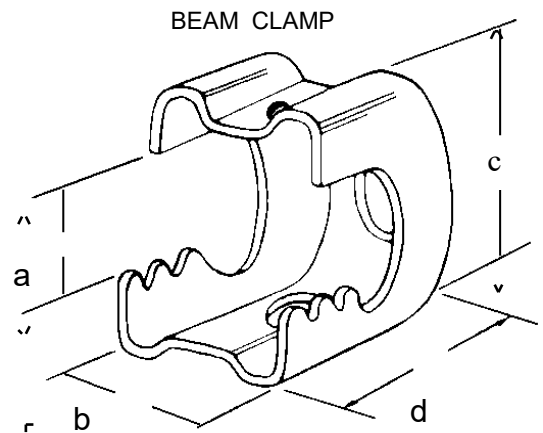
STAINLESS STEEL CLAMPS FOR GENERAL ANGLE AND H SECTION TYPE STEEL.

The U RACK stainless steel clamp is a quick and effective method of attaching conduits and pipes to structural beams without drilling or welding. No special tools required other than a spanner or screwdriver. The fixing screw is shaped to grip the structural material and features an additional locknut. The clamps can be installed in any position with keyed fixing holes for the UC clips providing 360 degree application.



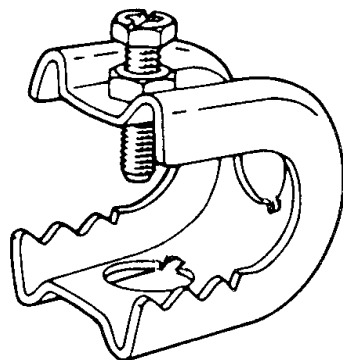
LONGER FIXING SCREW

The U-2SS beam clamp has a longer fixing screw that fits most C or Z purlins as well as structural beams up to 22mm thick.



U RACK STAINLESS STEEL SPECIFICATIONS

Item Type	Beam size	Main Body		Attached Screw		Main Body axbxcxd	Clip Hole		Packing	
		Material	Size in mm	Material			Dia in mm	No per unit	Box	Ctn
U-2SS	3-22mm	Stainless Steel SUS304	M6x35 & locknut	Stainless Steel	22x35x45x47	14	2	20	200	
U-3SS	16-29mm		M8x30 & locknut	SUS304	29x39x59x62	14	2	20	160	
U-4SS	25-50mm		M8x45 & locknut		50x39x84x75	14	2	10	40	



Typical example of fixing conduits or pipes to structural steel. New improved UC clips key into clamps making it easier to saddle the conduits.

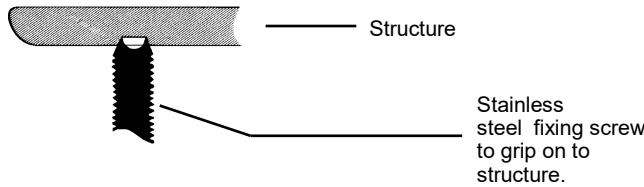




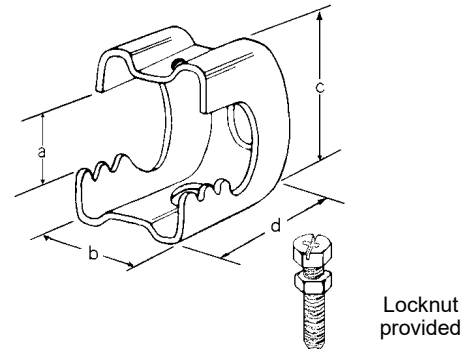
U RACK OUTDOOR CLAMP FITTINGS

H.D.G METAL CLAMPS FOR ANGLE OR H SECTION TYPE STEEL - C OR Z PURLINS

The U RACK hot dipped galvanised metal clamp is a quick, effective method of attaching conduits and pipes to structural beams without drilling or welding. There are no special tools required other than a spanner or screwdriver. The stainless steel fixing screw is shaped to grip on to the structural material and in all sizes features an additional locknut. The clamps can be installed in any position with the keyed fixing holes providing 360 degree application.



LONGER FIXING SCREW
The U-2D beam clamp has a longer fixing screw and will fit most C or Z purlins as well as structural beams up to 22mm thick.

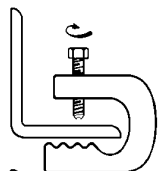


U RACK HDG SPECIFICATION

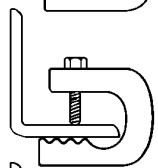
Type	Beam size in mm Diagram (a)	Main Body		Attached Screw		Main Body size in mm axbxcxd	Clip Hole		Packing	
		Material	Surface Treatment (Outdoor)	Size in mm	Material		Dia in mm	No per unit	Box	Ctn
U-1D	3-16mm	Hot rolled mild steel (JIS SPHC)	Hot dipped galvanised	Hex head M6x30 & locknut	Stainless Steel (SUS304)	16x34x41x47	14	2	20	200
U-2D	3-22mm			Hex head M6x35 & locknut		22x35x45x47	14	2	20	200
U-3D	16-29mm			Hexhead M8x30 & locknut		29x39x59x62	14	2	20	160
U-4D	25-50mm			Hexhead M8x45 & locknut		50x39x84x75	14	2	10	40

U RACK INSTALLATION AND STATIC LOAD CAPACITY. TEST DATA

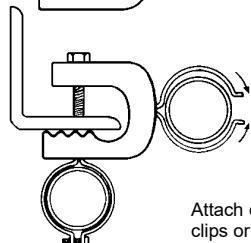
U Rack working static load capacity is calculated at less than 1/3 of the maximum load capacity.



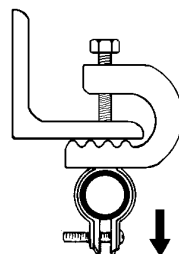
Attach U Rack by tightening screw clamping on to beam.



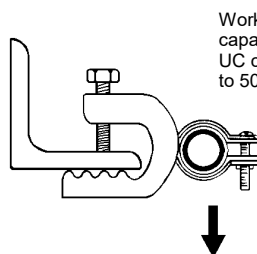
Fixing screw grips on to beam.



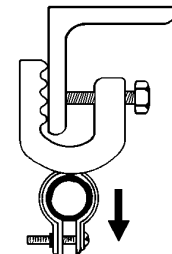
Attach conduits using UC clips or fittings.



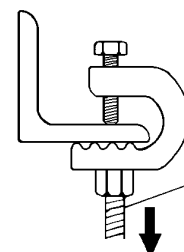
Working static load capacity 40 kg
All UC clip sizes.



Working static load capacity 15kg
UC clip sizes up to 50mm diameter.



Working static load capacity 15kg
All UC clip sizes.



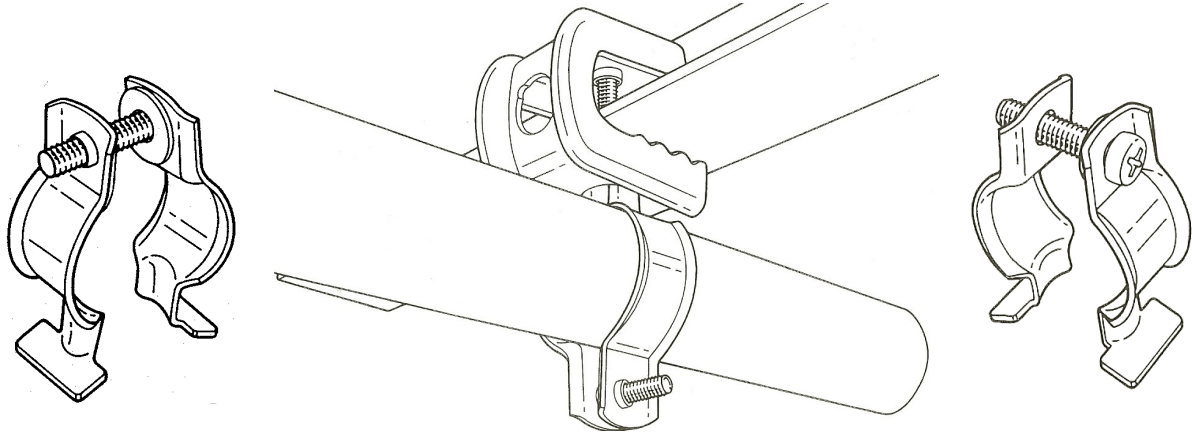
Static working load capacity when used with 10mm threaded rod. 40 kg.



UC CLIPS

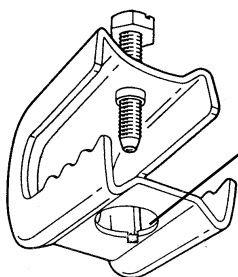
HOT DIPPED GALVANISED AND STAINLESS STEEL

THE UC CLIPS TO BE USED IN CONJUNCTION WITH THE U RACK BEAM CLAMPS. THE IMPROVED CLIPS KEY INTO THE CLAMPS HANGING CAPTIVE MAKING IT EASIER TO FIT CONDUITS INTO POSITION. THE CAPTIVE FIXING SCREW CAN BE EASILY SCREWED INTO THE TAPPED HALF OF THE CLIP.



UC CLIP SPECIFICATION CHART

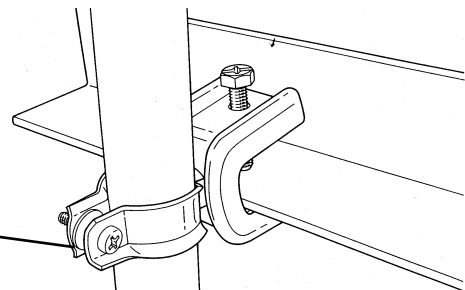
Type	Catalogue Number	Conduit sizes in mm	Minimum / Maximum inside clip diameter in mm		Main body material	Surface treatment	Screw size & type		Box / Carton quantities	
							Screw size	Material	Box	Carton
Hot dipped gal	UC-15D	16mm	16mm	17mm	Hot rolled mild steel	Hot dipped galvanised	M5x20	Stainless steel SUS304	50	500
	UC-20D	20mm	19mm	21mm			M5x20		50	500
	UC-25D	25mm	25mm	27mm			M5x20		50	500
	UC-32D	32mm	31mm	33mm			M5x20		25	250
	UC-40D	40mm	38mm	40mm			M6x25		25	250
	UC-50D	50mm	50mm	52mm			M6x25		25	250
Stainless steel	UC-15SS	16mm	16mm	17mm	Stainless steel SUS304		M5x20		50	500
	UC-20SS	20mm	19mm	21mm			M5x20		50	500
	UC-25SS	25mm	25mm	27mm			M5x20		50	500
	UC-32SS	32mm	31mm	33mm			M5x20		25	250
	UC-40SS	40mm	38mm	40mm			M6x25		25	250
	UC-50SS	50mm	50mm	52mm			M6x25		25	250



Beam clamps available in 4 sizes and 2 finishes up to 50mm jaw opening.

Redesigned keyed 14mm holes.

Captive Philips head screw fitted with nylon washer. Tapped thread in half clip.



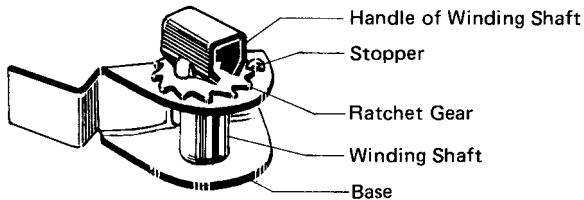


STAINLESS STEEL BAND AND FITTINGS

The ratchet gearing mechanism enables efficient fastening operation by simply winding the ratchet type strainer tightening the band around the pole or structure. No special tool is required only a screw driver.

It is suitable for fixing conduits, pole cover strip and lightweight apparatus.

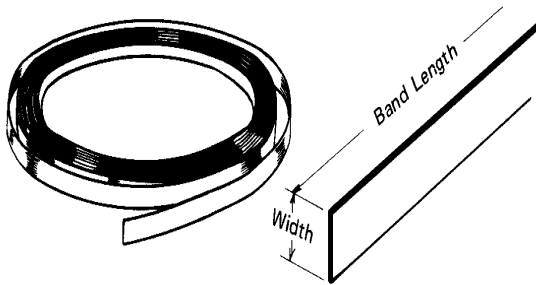
The system is capable of offering labour saving fixing for conduits following or crossing pipework, ducts and odd shaped beams with no drilling required.



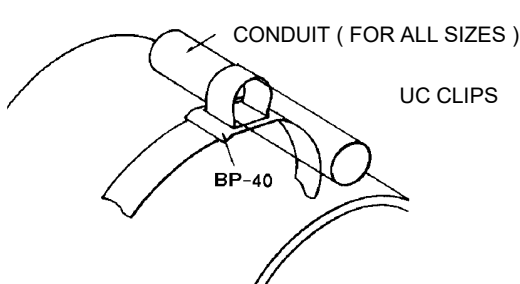
STRAINER SPECIFICATION

Type	Material	Band width	Application	Pack Qty
SS-1	Stainless steel SUS-304	10mm	Indoor or Outdoor	20
SS-2		20mm		20

BAND SPECIFICATION



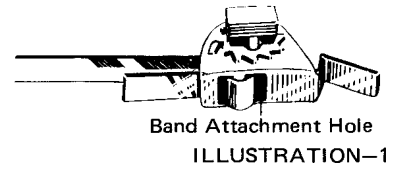
Type	Material	Band width in mm	Band length in metres	Matching strainer type
SB1-10M	Stainless steel SUS-304	10mm	10m	SS-1
SB1-20M			20m	
SB1-50M			50m	
SB2-10M	SUS-304	20mm	10m	SS-2
SB2-20M			20m	
SB2-50M			50m	
SB2-PP (kit)	20mm Pole pack kit complete with 1 x 20 metre band, 8 x SS-2, 2 x BP-40			
SB1-HP	10mm Handy pack - 1 x 10 metre band & 6 x SS-1 strainers			
SB2-HP	20mm Handy pack - 1 x 10 metre band & 6 x SS-2 strainers			



STANDARD WINDING METHOD

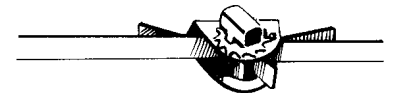
CUTTING BAND

Using serrated tin snips cut the band to the approximate circumference of the pole or structure allowing for the conduit size and about 10cm. Bend the band about 5cm from the end and fold back through the strainer as in illustration 1.

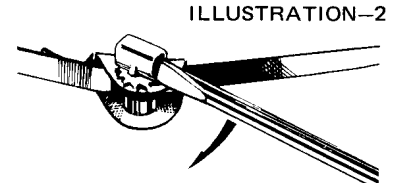


FITTING THE BAND

Place the band around the pole or structure using the type of fitting required (e.g. BP-40) and feed the end through the middle of the strainer as in illustration 2.

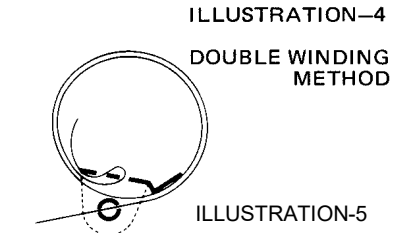
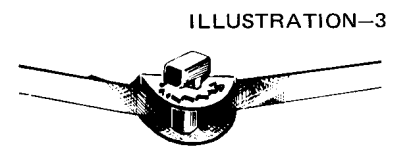


The band can be double wound for small diameter structures or when extra strength is required as in illustration 5.



TIGHTENING BAND

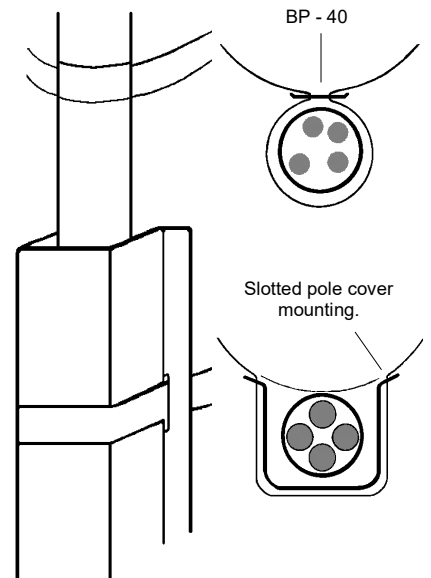
Place a screw driver end in the strainer as in illustration 3 and wind in a clockwise direction to the required tension. While tensioning make any adjustments to the band to achieve a good appearance.



ALL STAINLESS STEEL FITTINGS (SUS-304)

APPLICATION EXAMPLE

Pole cover mounting and use of BP-40 fitting.



Further information regarding usage and load limits are available from the distributor.



L.S.A. ELECTRICAL PTY. LTD.

ACN 005 842 795 ABN 22 189 542 359

CONDITIONS OF SALE

GENERAL

These conditions of Sale apply to the sale of items included in the current SPRINGER SYSTEMS price list, or where a quotation is made, they shall form part of that quotation. No variation or cancellation of these conditions of Sale shall be binding on the company unless assented to the Company in writing.

PRICES

The trade prices shown are recommended prices only and there is no obligation to comply with these recommendations. All prices shown are subject to change without notice and the goods will be invoiced at the date of despatch.

TERMS

Payment 30 days from invoice date unless otherwise stated. All prices are nett cash payable to L.S.A Electrical Pty Ltd. All payments shall in all cases, be allocated to the oldest account due for payment. Installments or part delivery of goods shall be paid for separately and payment shall be made on or before the due date as stated above.

PACKING

Unless stated otherwise the price quoted includes packing in accordance with the Company's standard practice. Any other packing requested by the purchaser or deemed necessary by the Company will be charged for in addition to the price quoted.

DELIVERY

Every effort will be made to effect delivery in the time promised, however late delivery or non-delivery due to circumstances beyond the Company's control shall not constitute a breach of contract by the Company and the Company shall not be liable for any loss or damage howsoever arising through such late delivery or non-delivery.

LOAD RATINGS

All load ratings shown are based on the static load capacity and are calculated at less than 1/3 of the maximum load capacity. It should be noted that all load ratings are maximum values per fixing item. In the case where more than one load is applied to the fixing the total load should not exceed the indicated value.

CORROSION

Note the surface treatment of the product, the type of structure and environment can change corrosion activity. It is the user's responsibility to match the product to the application.

CAUTION

Incorrect application, misuse or deforming can cause failure of the product and could result in possible damage to property or bodily injury. It is the responsibility of the user to ensure the product is used as specified and that the loads specified are for static conditions and do not account for wind, water or other acts of nature.

CLAIMS

Any claims for errors, defects, shortages or non-conformities must be made in writing within 20 days of despatch. The Company will at its option either replace or refund the purchase price of the goods. Products claimed defective must upon request be returned to L.S.A Electrical Pty Ltd for inspection.

WARRANTY

All goods which are the Company's own or the Company's principal manufacture are guaranteed against faulty workmanship, materials or design for a period of twelve months from the date of dispatch after which all liability on the part of the Company ceases. The Company's liability for any loss, injury or damage shall be limited to making good by replacement or repair of defects which appear under proper use provided that the Company is permitted to inspect defects before replacement, the defective parts being returned free into the Company's store. Any unauthorised repairs or alterations to the equipment invalidates this warranty. In the case of goods not of the manufacture of the Company or its principals, the company undertakes that it will, if requested in writing by the purchaser, make all reasonable endeavour in assisting the purchaser to obtain from the manufacturer the benefit of any guarantee or warranty which the manufacturer may have expressly given as to the quality or fitness for any purpose of the goods except as may otherwise be provided for by law. The fulfilment of this undertaking constitutes the Company's sole liability for any loss of profits or any other consequential loss or damage suffered by the purchaser in consequence of any defect in material or workmanship of the goods (whether of the manufacture of the company or its principals or otherwise), or the failure of the goods to perform in accordance with any performance figure stated.

INDEMNITY

The purchaser must comply with all instructions of the Company in relation to the fitting, installation and use of the goods. Notwithstanding such compliance, the purchaser must keep the Company indemnified against all claims expenses and liabilities of whatever nature including, without limiting the generality of the foregoing, claims for death, personal injury, damage to property, and consequential loss, including loss of profit which may be made against the Company or which the Company may sustain pay or incur arising out of the manufacture or sale of the goods, unless the same is directly and solely attributable to any breach of contract or by negligence of the Company or its authorised employees or agents.