



REBARCON™ & DOMESTIC REBARCON™

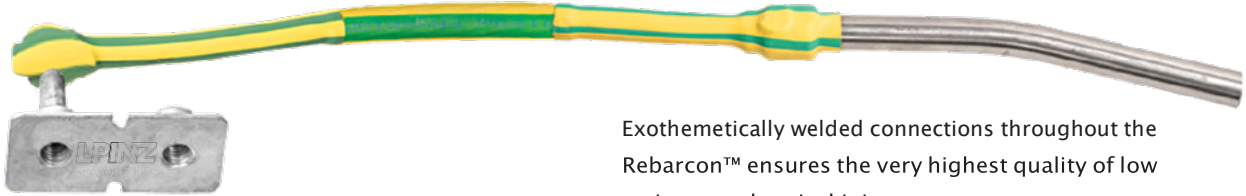
VOL. 1

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• MV & HV EQUIPMENT • EV CHARGERS • POWER AUDITING • UPS • BATTERIES • GENERATORS •
• EARTHING PRODUCTS & DESIGN • LIGHTNING PROTECTION / SURGE & TRANSIENT PROTECTION •
• HARMONIC FILTERS • PFC • CAPACITORS • REACTORS •

REBARCON™

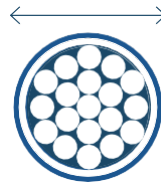


Exothermically welded connections throughout the Rebarcon™ ensures the very highest quality of low resistance electrical joins

EARTH BONDING SOLUTIONS FOR BUILDINGS

LPINZ offers a comprehensive range of **Rebarcon™ earthing solutions** designed to ensure effective and reliable bonding between a building's foundation reinforcing steel and its electrical earthing system. Our solutions are flexible, and customisable to the different requirements of the installation to make the site installation much easier.

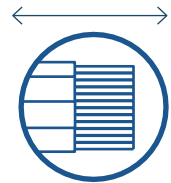
ANY SIZE



RAPID



ANY LENGTH



OUR STANDARD RANGE INCLUDES

- Rebarcon™ Earthing System, bare tail, without plate
- Rebarcon™ Earthing System, with plate
- With Mild Steel or Stainless-Steel Bar on one or both ends

CUSTOM OPTIONS

LPINZ can manufacture Rebarcon units to meet specific project requirements, including:

- Custom cable lengths
- Stainless steel bars on one or both ends
- Stainless steel plate configurations

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PRODUCT & INSTALLATION DETAILS

3 metre length or can be made to any specified length.

OPTIONAL CONDUCTOR SIZE OPTIONS:

35mm²

50mm²

70mm²

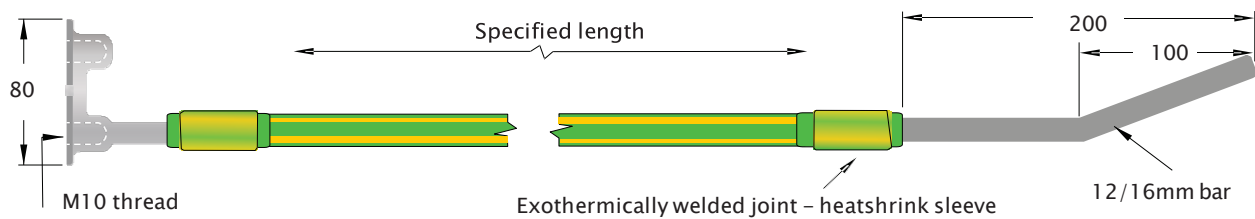
95mm²

120mm²

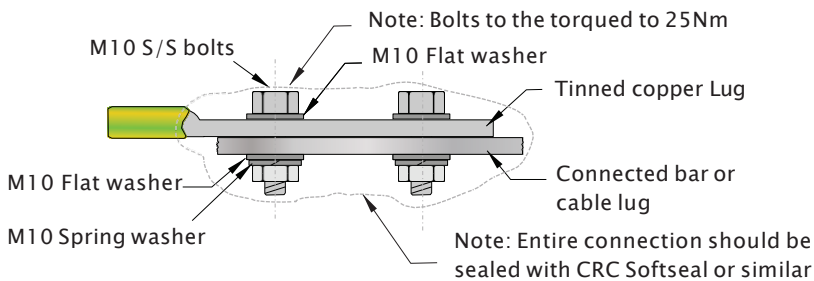
185mm²

240mm²

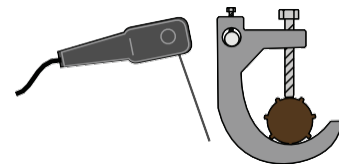
LPINZ-REBARCON™



LPINZ-REBARCON™



LPINZ-REBC-100



Rebarcons™ can be specified with:
a) Weld on steel stub
b) Stainless steel stub and clamp

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DATA SHEET

Size/length to be determined by contractor based on installation requirements.

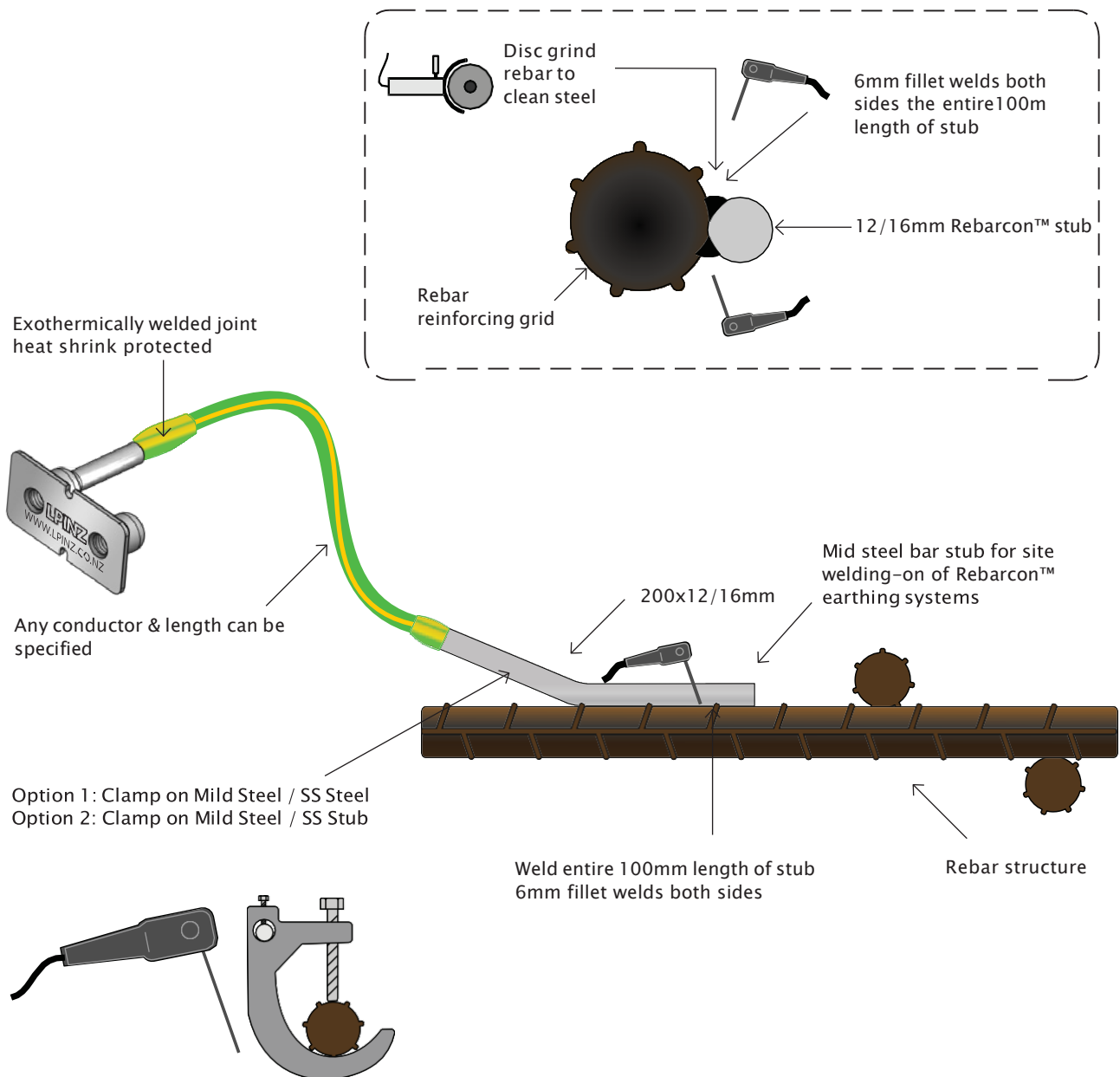
ITEM	DESCRIPTION
Cable Size	35mm ² – 240mm ²
Cable Length	0.5m – 20m
Cable Type	Insulated G/Y Cable
End 1 Connection Type	Mild Steel Rebar
End 2 Connection	Brass/Stainless Steel Plate
Number of Connections (lugs)	1, 2, 4
Terminal Connection	M10/M12
Lug Diameter	12mm/16mm
Joints	Exothermically welded
Connection Option 1 – Rebar	Welded-on steel stub
Connection Option 2 – Rebar	Clamp-on REBC-100/70

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INSTALLATION DETAILS

The following represents a standard installation example.

For project-specific applications please contact LPINZ.



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STANDARD ITEMS

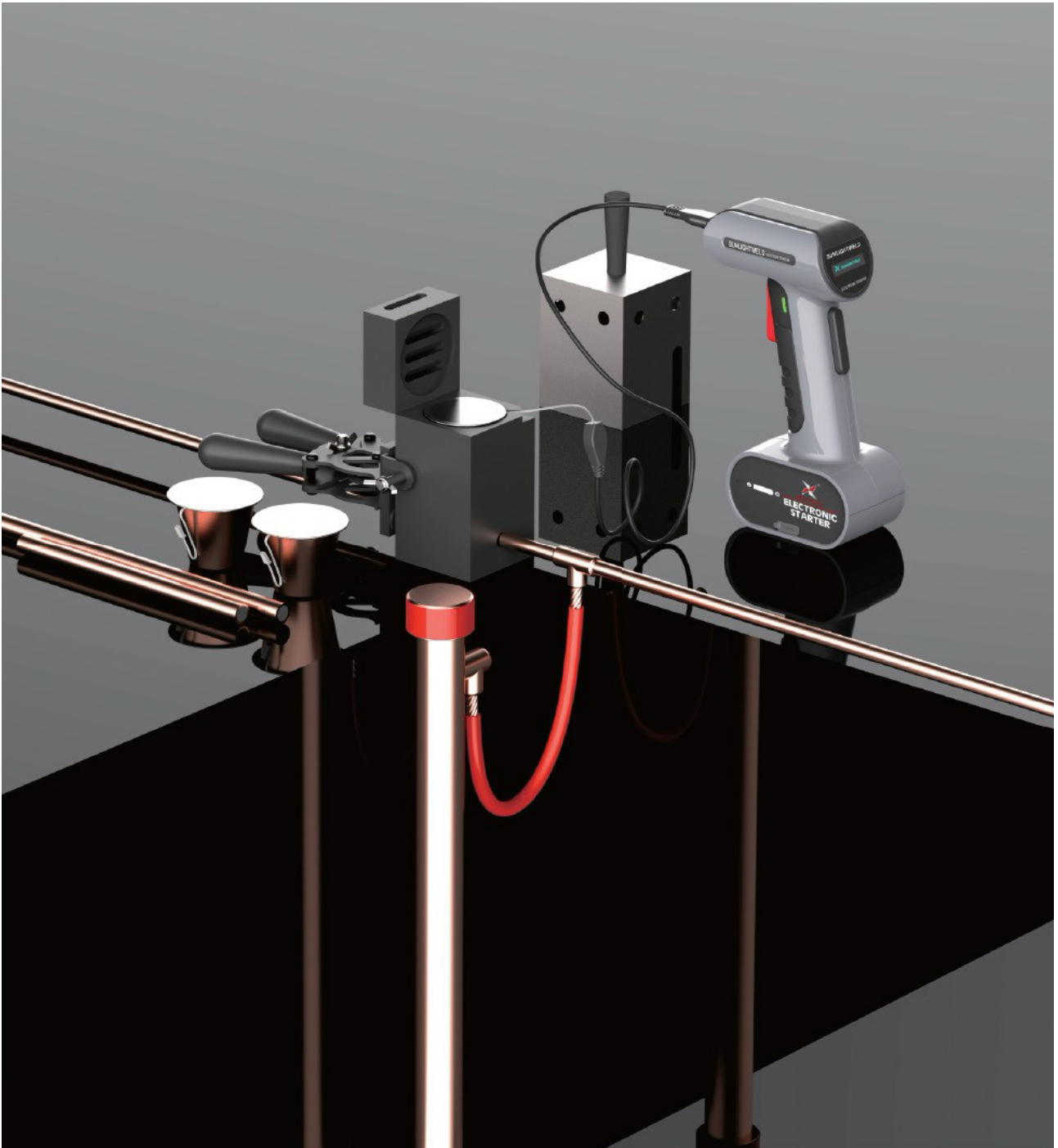
Length to be determined by contractor based on installation requirements.

REBARCON	DESCRIPTION
LPINZ-BT0610M	LPINZ-REBARCON™ 6mm ² , 10m BARE TAIL
LPINZ-BT353M	LPINZ-REBARCON™ 35mm ² , 3m BARE TAIL
LPINZ-PL353M	LPINZ-REBARCON™ 35mm ² , 3m C/W PLATE
LPINZ-BT503M	LPINZ-REBARCON™ 50mm ² , 3m BARE TAIL
LPINZ-PL503M	LPINZ-REBARCON™ 50mm ² , 3m C/W PLATE
LPINZ-BT703M	LPINZ-REBARCON™ 70mm ² , 3m Bare Tail
LPINZ-PL703M	LPINZ-REBARCON™ 70mm ² , 3m C/W PLATE
LPINZ-BT953M	LPINZ-REBARCON™ 95mm ² , 3m BARE TAIL
LPINZ-PL953M	LPINZ-REBARCON™ 95mm ² , 3m C/W PLATE
LPINZ-BT1203M	LPINZ-REBARCON™ 120mm ² , 3m BARE TAIL
LPINZ-PL1203M	LPINZ-REBARCON™ 120mm ² , 3m C/W PLATE
LPINZ-BT2403M	LPINZ-REBARCON™ 240mm ² , 3m BARE TAIL
LPINZ-PL2403M	LPINZ-REBARCON™ 240mm ² , 3m C/W PLATE
LPINZ-CUSTOM-REB	Rebarcon with custom cable size, length, and option for plate or 2nd round bar end.

EXOTHERMIC WELDING PRODUCT RANGE

WELD TYPE	WELD TYPE
 Cable To Cable CCI	 Cable To Rod CR2
 Cable To Cable CC2	 Tap To Rod BRI
 Cable To Cable CC4	 Tap To Rod BR2
 Cable To Cable CCII	 Tube To Tap BR3
 Cable to Rod CCI	 Cable To Tap CBI
 Rod To Rod CCI	 Cable To Tap CB4
 Rod To Rod CC4	 Cable To Tap CBS
 Rod To Rod CC2	 Cable To Steel Structure CSI
 Rod To Rod CRI	 Cable To Steel Structure CS2
 Rod To Rod CRI	 Cable To Cable CC6
 Tap To Tap BBI	 Cable To Cable CCII
 Tap To Tap BB3	 Cable To Cable CC14
 Tap To Tap BBS	 Tap To Steel Structure BSI
 Tap To Tap BB7	 Tap To Steel Structure BS2
 Tap To Tap BB14	 Tap To Steel Structure BS3
 Tap To Tap BB41	 Cable To Rod CRI7
 Tap To Tap BBSI	 Cable To Rod CR24
 Cable To Rod CRI	

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DOMESTIC REBARCON™

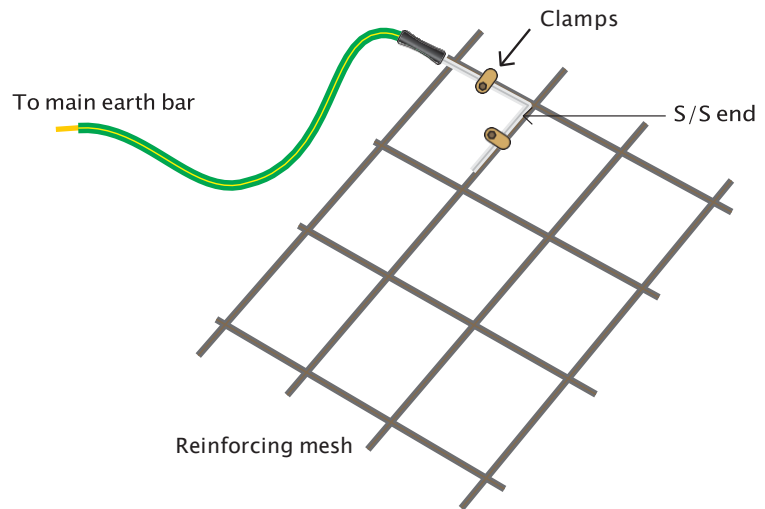
LPINZ offers pre-made, pre-packaged domestic rebarcon. The standard domestic rebarcons are made with 6mm² clamp-on connectors and are ready to be attached to reinforcing mesh laid in concrete.

AS/NZ S3000:2007

Showers and bathrooms

Clause 5.6.2.5 – "Any conductive reinforcing within a concrete floor or wall of a room containing a shower or a bath shall be bonded to the earthing system of the electrical installation."

"An equipotential bonding conductor, in accordance with Clause 5.6.3, shall be connected between the reinforcing material and any part of the earthing system and the room."



DATA SHEET

Size/length to be determined by contractor based on installation requirements.

ITEM	DESCRIPTION
Cable Size	6mm ² , 10mm ² , 16mm ²
Cable Length	1m – 20m
Cable Type	Insulated G/Y Cable
End 1 Connection Type	Steel Mesh
Lug Diameter	6mm
Joints	Exothermically welded
Connection Option 1 – Rebar	Welded-on steel stub
Connection Option 2 – Rebar	Clamp-on split bolt clamp

STANDARD ITEMS

Length to be determined by contractor based on installation requirements.

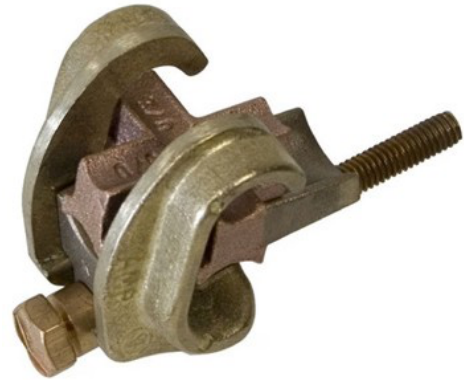
REBARCON	DESCRIPTION
LPINZ-BT0610M	LPINZ-REBARCON™ 6mm ² , 10m BARE TAIL
LPINZ-CUST-REB	Rebarcon with custom cable size, length, and option for plate or 2nd round bar end.

TORQ-WEDGE, SHEAR-GRIP AND OTHER TYPES OF CLAMPS



LPINZ-TORQ-WEDGE

The LPINZ-TORQ-WEDGE and LPINZ-SHEAR-GRIP Connectors are designed for situations where a reliable and secure connection is required under moderate fault-current conditions. It uses wedgepressure technology and controlled torque-drive bolts to create a consistent and durable bond between conductor and ground rod.



LPINZ-SHEAR-GRIP

The best connection is always an exothermic connection. However, if this method is not possible, alternative options include various mechanical clamps such as TORQ-WEDGE or SHEAR-GRIP clamps. Please contact us if you would like guidance in choosing the best connection method for your specific application.



Other types of clamps available