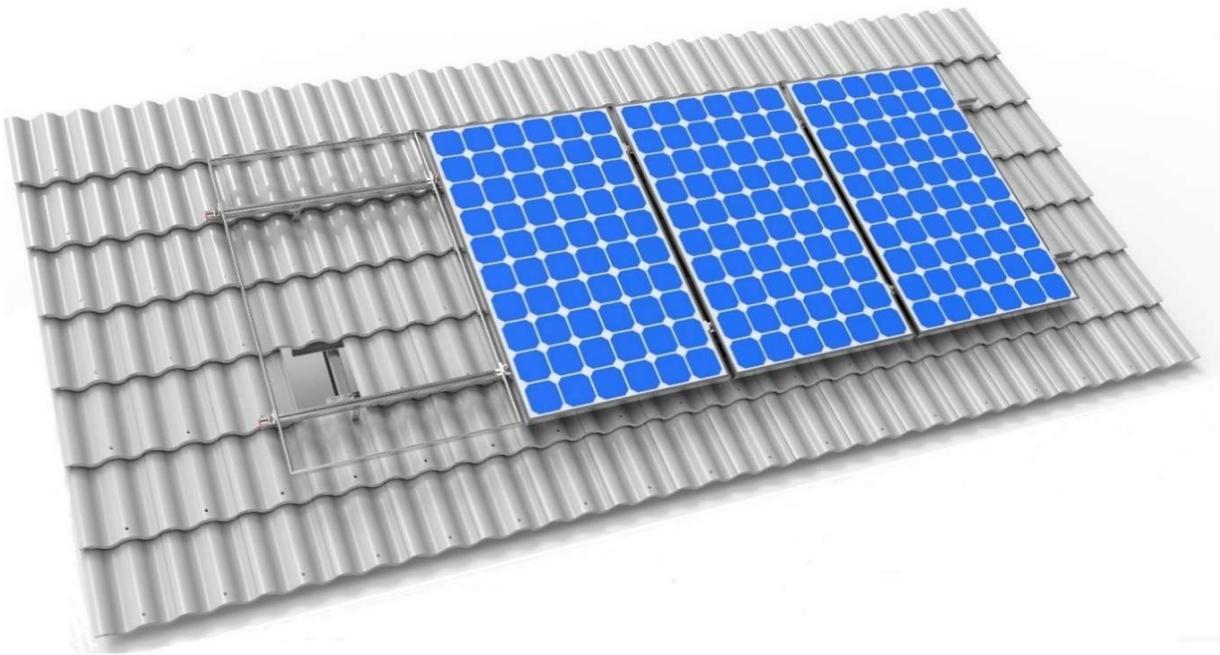




RedDotRack 2017 Catalogue



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Red Dot Rack High Strength Rail 4200

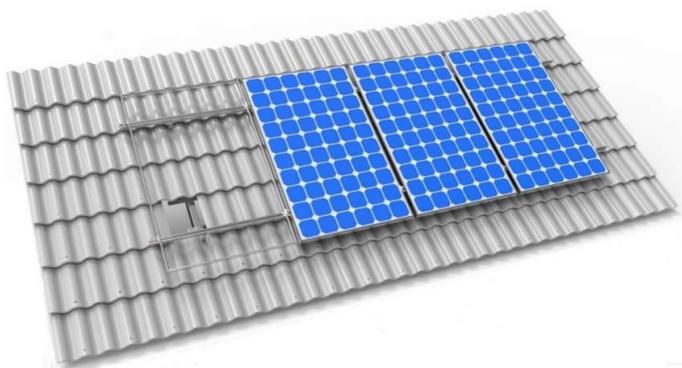
	Description	Material	Code	Part Number
	Red Dot Rack Aluminium module rail, 34mm x 45mm x 4200mm length, used as standard for multiple roof types, used with Red Dot Rack clamps and brackets. Check Manuals for bracket spacings.	T5-6000 series anodised aluminium	300-0001	RDRHSR4200

Red Dot Rack High Strength Rail 2100

	Description	Material	Code	Part Number
	Red Dot Rack Aluminium module rail, 34mm x 45mm x 2100mm length, used as standard for multiple roof types, used with Red Dot Rack clamps and brackets. Check Manuals for bracket spacings.	T5-6000 series anodised aluminium	300-0005	RDRHSR2100

Red Dot Rack High Strength Rail - Custom

	Description	Material	Code	Part Number
	Red Dot Rack Aluminium module rail, 34mm x 45mm x custom length, used as standard for multiple roof types, used with Red Dot Rack clamps and brackets. Check Manuals for bracket spacings. (call pricing of your custom length)	T5-6000 series anodised aluminium	300-0004	*



* Non Stocked Item. Will manufacture for project requirements

Standard Pan Tile - Portrait



Description	Material	Code	Part Number
Pan Tile Bracket - Designed for use with standard tile rooftops and connects modules in portrait to Red Dot Rack high strength rail. Bracket only, does not come with T-Head rail connector.	Stainless Steel, 304	105-0001	RDRTBP

Standard Pan Tile - Landscape



Description	Material	Code	Part Number
Pan Tile Bracket - Designed for use with standard tile rooftops and connects modules in Landscape to Red Dot Rack high strength rail. Bracket only, does not come with T-Head rail connector.	Stainless Steel, 304	105-0002	RDRTBL

Mid Clamp Earthing Washer



Description	Material	Code	Part Number
Mid Clamp Earthing Washer - Designed specially to fit with the Red Dot Rack Mid-Clamp, Creates earthing between Red Dot Rack rail and the solar module via built in bonding holes forged into the earthing plate.	Stainless Steel, 304	106-0001	RDRMCEW

Earth Lug Earthing Washer



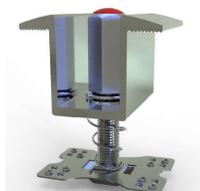
Description	Material	Code	Part Number
Earthing Lug Washer - Designed to fit into the Red Dot Rack Earthing Lug, Creates earthing between Red Dot Rack rail and the solar module via built in bonding holes forged into the earthing plate.	Stainless Steel, 304	106-0002	RDRELW

Universal Mid Clamp -No Earthing



Description	Material	Code	Part Number
Red Dot Rack Universal Mid-Clamp, Specially Designed to fit all module types from 31mm to 50mm modules, uses custom designed spring, loading the clamp while installing the module for ease of installation.	T5-6000 series anodised aluminium, SS fixings	301-0002	RDRUMC

Universal Mid Clamp With Earthing



Description	Material	Code	Part Number
Red Dot Rack 50mm Universal Mid-Clamp with Earthing, Designed to fit all module types from 31mm to 50mm modules, uses custom designed spring, Loading the clamp while installing the module for ease of installation. Comes with built-in Earthing plate.	T5-6000 series anodised aluminium, SS fixings	301-0001	RDRUMCE

Universal End Clamp



Description	Material	Code	Part Number
Red Dot Rack Universal 50mm End-Clamp, Designed to fit all module types from 31mm to 50mm, Easily change the clamp height within seconds while working on the roof.	T5-6000 series anodised aluminium, SS fixings	302-0001	RDRUEC

Rail Joiner



Description	Material	Code	Part Number
Red Dot Rack High Strength 100mm Rail Joiner is designed to completely cover the back of the rail allowing a super strong bond between the joining rails. This allows zero twist or flex at the joining point. Great for uneven rooftops.	T5-6000 series anodised aluminium, SS fixings	303-0001	RDRRJ



L-Bracket 6.3mm With Rubber



Description	Material	Code	Part Number
Red Dot Rack 40mm L-Bracket with 6.3mm Connecting hole, comes with EPDM rubber seal designed for use with various metal roof types. Does not come with Roofing Screw, please select Roofing screw to suit your application.	T5-6000 series anodised aluminium	304-0001	RDRLB

L-Bracket M10mm Hole



Description	Material	Package	Code	Part Number
Red Dot Rack 40mm L-Bracket with 10mm Connecting hole, Designed for use with various Red Dot Rack Klip-Lok Brackets, connecting the Bracket and the Rail.	T5-6000 series anodised aluminium		304-0002	RDRLB10

Earthing Lug 4-6mm Core



Description	Material	Package	Code	Part Number
Red Dot Rack Integrated Earthing Lug designed to attach earthing wire to the rail via Red Dot Rack earthing washer, Lug has both 4mm and 6mm port holes to accommodate for both earth wire types	T5-6000 series anodised aluminium, SS fixings		305-0001	RDREL

T-Head Rail Connector with Nut



Description	Material	Package	Code	Part Number
Red Dot Rack Custom 17mm T-Head Connector with built-in earthing teeth. Designed to connect all Red Dot Rack Brackets to Red Dot Rack rail. Including Tile, L-bracket, Klip-Lok and other Red Dot Rack Brackets.	Stainless Steel 304		319-0001	RDRTSRC



Klip-Lok 700 Bracket



Description	Material	Package	Code	Part Number
80mm Red Dot Rack Klip-Lok 700 two piece Bracket, Designed for commercial Klip-Lok sheet rooftops, comes M8 screw for fixing to Red Dot Rack M8 hole L-Bracket.	T5-6000 series anodised aluminium, SS fixings		314-0001	RDRKL700

Klip-Lok 406 Bracket



Description	Material	Package	Code	Part Number
80mm Red Dot Rack Klip-Lok 406 two piece Bracket, Designed for commercial Klip-Lok sheet rooftops, comes M8 screw for fixing to Red Dot Rack M8 hole L-Bracket.	T5-6000 series anodised aluminium, SS fixings		314-0002	RDRKL406

Klip-Lok 600 Bracket

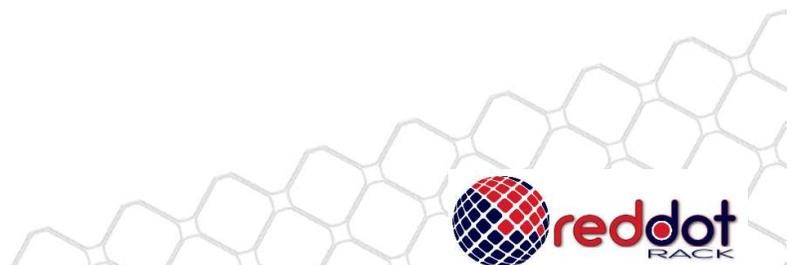


Description	Material	Package	Code	Part Number
80mm Red Dot Rack Klip-Lok 600 two piece Bracket, Designed for commercial Klip-Lok sheet rooftops, comes M8 screw for fixing to Red Dot Rack M8 hole L-Bracket.	T5-6000 series anodised aluminium, SS fixings		314-0003	

Klip-Lok 700 Rubber Gasket



Description	Material	Package	Code	Part Number
Klip-Lok EPDM rubber gasket, designed to fit inside the Klip-Lok bracket to protect the metal sheet. This part is option only.	EPDM Rubber		102-0004	RDRKL700RG



Klip-Lok 406 Rubber Gasket



Description	Material	Package	Code	Part Number
Klip-Lok EPDM rubber gasket, designed to fit inside the Klip-Lok bracket to protect the metal sheet. This part is option only.	EPDM Rubber		102-0005	RDRKL406RG

Folded Tripod Tilt 10-30



Description	Material	Package	Code	Part Number
Red Dot Rack 1500mm Foldable Tripod Leg, Adjustable from 10 to 30 degree. Each leg comes complete as one tripod, includes 2 Cross Rail Brackets and rubber seal, Must use rubber seal, Corrugate boot or Klip-Lok Bracket depending on roof type. Designed for 60 Cell Modules.	T5-6000 series anodised aluminium, SS fixings		317-0001	RDRTL1030

Folded Tripod Tilt 10-30 XL

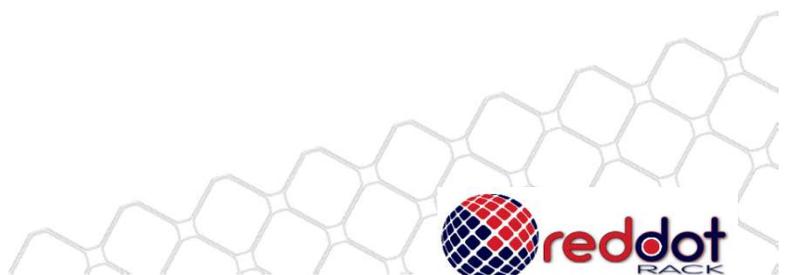


Description	Material	Package	Code	Part Number
Red Dot Rack 1800mm Foldable Tripod Leg, Adjustable from 10 to 30 degree. Each leg comes complete as one tripod, includes 2 Cross Rail Brackets and rubber seal, Must use rubber seal, Corrugate boot or Klip-Lok Bracket depending on roof type. Designed for 72 Cell Modules.	T5-6000 series anodised aluminium, SS fixings		317-0002	RDRTL1030XL

Corrugated Bracket Assembly



Description	Material	Package	Code	Part Number
Red Dot Rack Cross Corrugated Bracket Assembly, Used to under the foldable tripod leg when connecting to corrugated roof sheet, comes with EPDM rubber and can also be used with RDR L-bracket	T5-6000 series anodised aluminium, SEPDM Rubber		321-0001	RDRCB



Cross Rail Bracket Assembly



Description	Material	Package	Code	Part Number
Red Dot Rack Cross Rail Clamp Bracket, Used to clamp two Red Dot Rack Rails together when cross bracing, also used to connect Red Dot Rack Rail to Foldable Tripod Tilt system.	T5-6000 series anodised aluminium, SS fixings		318-0001	RDRRCRB

Hanger Bolt - L Bracket - Wood



Description	Material	Package	Code	Part Number
200mm M10 Hanger Bolt, used for drilling into wooden purlins and frames, comes with attached EPDM round rubber seal and Red Dot Rack L-Bracket and is Held in place with 3 x M10 nuts.	T5-6000 series anodised aluminium, SS fixings		320-0001	*

Hanger Bolt - L Bracket - Steel



Description	Material	Package	Code	Part Number
200mm M10 Hanger Bolt, Designed with fine thread for fixing steel purlins and frames, comes with attached EPDM round rubber seal and Red Dot Rack L-Bracket and is Held in place with 3 x M10 nuts.	T5-6000 series anodised aluminium, SS fixings		320-0002	RDRHBLBS

* Non Stocked Item. Will manufacture for project requirements



Roofing Screw - Type 17 Point - 6.3mm x 75mm - Dacromat



Description

Roofing Screw, Type 17 Point, Hex Head, Metal-bonded washer, C-1022 Steel, Dacromat, St 6.3mmx75 mm, Designed for corrugated metal steel rooftops with wooden frames.

Material Package

Carbon steel, Dacromat coating with EPDM seal

Code

100-0006

Part Number

RDRRS

Roofing Screw - Type 17 Point - 6.3mm x 75mm - Stainless Steel



Description

Roofing Screw, Type 17 Point, Hex Head, Metal-bonded washer, SUS 304 Steel, t St 6.3mmx75 mm, Designed for use with Tile brackets drilling into Harder wooden frames and also can be used for L-Brackets entering wood.

Material Package

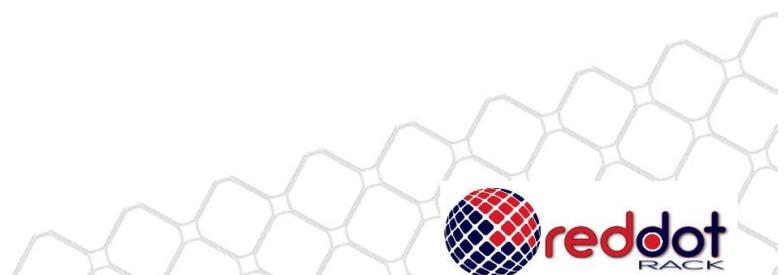
Stainless Steel 304 with EPDM seal

Code

100-0011

Part Number

RDRRSS



4 x Mod Tin Roof Red-Dot-Rack Kits (With Earthing) 2100mm Rail



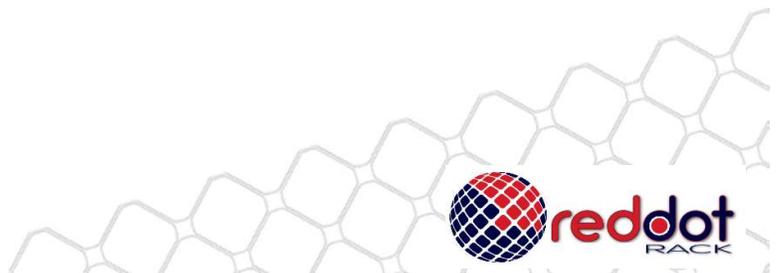
Description	Material	Code	Part Number
10 x L-Brackets, Roofing Screw 6.3mm w/EPDM 4 x Red Dot Rack Roof Rail Piece, 2100mm 10 x T-Head Rail Connector with Nut 4 x Adj End Clamp Assembly, 50 mm 4 x Mid Clamp Assembly, No Earthing, 50 mm 4 x Mid Clamp Assembly-Earthing , 50 mm 4 x Rail Joiner Assembly, 100 mm 2 x Earthing Lug Assembly 4 to 6mm Ports 10 x Roofing Screw, Type 17 Point, Dacromat	Mixture of materials, refer to the parts above	401-0006	RDR4MODK-C

4 x Mod Tile Roof Red-Dot-Rack Kits (With Earthing) 2100mm Rail



Description	Material	Code	Part Number
8 x Portrait Pan Tile Roof Bracket 4 x Red Dot Rack Roof Rail Piece, 2100 mm 8 x T-Head Rail Connector with Nut 4 x Adj End Clamp Assembly, 50 mm 4 x Mid Clamp, No Earthing, 50 mm 4 x Mid Clamp, Earthing , 50 mm 4 x Rail Joiner Assembly, 100 mm 2 x Earthing Lug Assembly 4 to 6mm Ports 16 x Roofing Screw, Type 17 Point, SUS 304 75 mm	Mixture of materials, refer to the parts above	400-0006	RDR4MODK-T

Simple and Convenient. Our Tin and Tile Super Kits contain everything you need for a 4 Module Installation. Conveniently packaged into one box.



Ground Mount

Red Dot Rack Hybrid 7.68KW Portrait 12 x 2 Module Aluminium Slot Rail system Kit

Description	Material	Package	Code	Part Number
Cross Pipe,2700 mm, Ground Mount				
Cross Pipe,3700 mm, Ground Mount				
Front Leg, 700 mm, Ground Mount at 15 Deg	Galvanised			
Rear Leg, 1370 mm, Ground Mount at 15 Deg	Steel,			
Brace Arm Piece, 2430mm, Ground Mount at 15 Deg	stainless			
Steel Diagonal Braces Sleeve Assembly	steel,		402-0001	*
T-Connector Assembly	fixings,			
Slot Rail Piece, 4000 mm, Ground Mount	Aluminium			
Rail-Cross Pipe Connector Assembly	Rack			
Ground Screw, Open hole Type, OD 76,LGTH 1200				
T-Head Rail Connector with Nut, Washer				



Red Dot Rack Hybrid 7.68KW Landscape 4 x 6 Module (Aluminium Clamp Rail) Kit

Description	Material	Package	Code	Part Number
Cross Pipe,2700 mm, Ground Mount				
Cross Pipe,3700 mm, Ground Mount				
Front Leg, 700mm, Ground Mount at 15 Deg	Galvanised			
Rear Leg, 1370 mm, Ground Mount at 15 Deg	Steel,			
Brace Arm Piece, 2430mm, Ground Mount at 15 Deg	stainless			
Steel Diagonal Braces Sleeve Assembly	steel,		402-0002	*
T-Connector Assembly	fixings,			
Clamped Rail Piece, 4200mm, Ground Mount	Aluminium			
Rail-Cross Pipe Connector Assembly	Rack			
Ground Screw, Open Hole Type, OD 76,LGTH 1200				
T-Head Rail Connector with Nut, Washer				
Mid Clamp Assembly-No Earthing, 50 mm				



* Non Stocked Item. Will manufacture for project requirements

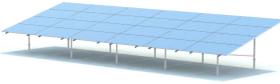


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Ground Mount

Red Dot Rack 7.68W Landscape 4 x 6 Module system (Clamp Steel Unistrut)

Description	Material	Package	Code	Part Number
Cross Pipe,2700 mm, Ground Mount				
Cross Pipe,3700 mm, Ground Mount				
Front Leg, 700mm, Ground Mount at 15 Deg				
Rear Leg, 1370 mm, Ground Mount at 15 Deg				
Brace Arm Piece, 2430mm, Ground Mount at 15 Deg				
Steel Diagonal Braces Sleeve Assembly				
Pipe T Connector Assembly				
Galvanised Unistrut 4200 Rail	Galvanised Steel,			
Rail-Cross Pipe Connector Assembly	stainless steel,			
Ground Screw, Open Hole Type, OD 76,LGTH 1200	fixings,		402-0003	*
Mid Clamp Assembly-No Earthing, 50 mm	Aluminium			
Adj End Clamp Assembly, 50 mm	Rack			



* Non Stocked Item. Will manufacture for project requirements



Ground Mount

Steel Tube Front Leg, Vertical Piece 700mm for 15 Degree

	Description	Material	Code	Part Number
	700mm x 60mm round galvanized steel pipe it used to connect the front leg to the cross section pipe, used to connect vertically from the T-Piece down to the Red Dot Rack ground screw or the Bottom cap Piece.	Galvanised Steel	307-0001	*

Steel Tube Rear Leg, Vertical Piece 1370mm for 15 Degree

	Description	Material	Code	Part Number
	1370mm x 60mm round galvanized steel pipe it used to connect the front leg to the cross section pipe, used to connect vertically from the T-Piece down to the Red Dot Rack ground screw or the Bottom cap Piece.	Galvanised Steel	307-0002	*

Steel Tube Cross Section Pipe, 2500 mm

	Description	Material	Code	Part Number
	Steel Tube Cross Section Pipe, 2500mm x 60mm Round galvanized steel pipe, used in the cross section of the system to support the Red Dot Rack rails, pipe will connect and join via the T-Piece connector. Custom Lengths Available.	Galvanised Steel	307-0003	*

Steel Tube Cross Section Pipe, 3500 mm

	Description	Material	Code	Part Number
	Steel Tube Cross Section Pipe, 3500mm x 60mm Round galvanized steel pipe, used in the cross section of the system to support the Red Dot Rack rails, pipe will connect and join via the T-Piece connector. Custom Lengths Available.	Galvanised Steel	307-0004	*

* Non Stocked Item. Will manufacture for project requirements



Ground Mount

Steel Tube Cross Section Pipe, 2700 mm

	Description	Material	Code	Part Number
	Steel Tube Cross Section Pipe, 2700mm x 60mm Round galvanized steel pipe, used in the cross section of the system to support the Red Dot Rack rails, pipe will connect and join via the T-Piece connector. Custom Lengths Available.	Galvanised Steel	307-0005	*

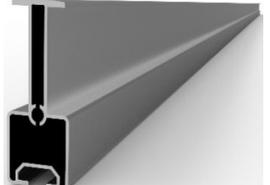
Steel Tube Cross Section Pipe, 3700 mm

	Description	Material	Code	Part Number
	Steel Tube Cross Section Pipe, 3700mm x 60mm Round galvanized steel pipe, used in the cross section of the system to support the Red Dot Rack rails, pipe will connect and join via the T-Piece connector. Custom Lengths Available.	Galvanised Steel	307-0006	*

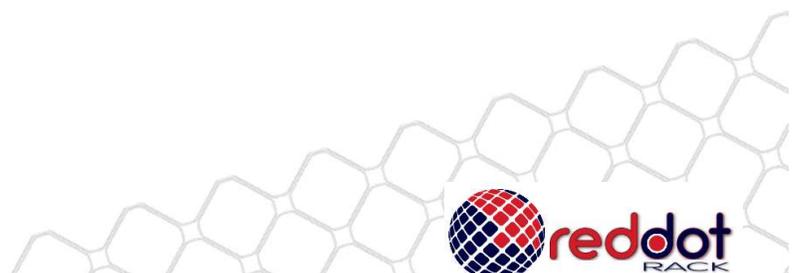
Steel Tube Cross Section Pipe, Custom

	Description	Material	Code	Part Number
	Steel Tube Cross Section Pipe, 'Custom Length Available' x 60mm Round galvanized steel pipe, used in the cross section of the system to support the Red Dot Rack rails, pipe will connect and join via the T-Piece connector.	Galvanised Steel	307-0007	*

Aluminium Slot Rail Piece 4000mm (Hybrid)

	Description	Material	Code	Part Number
	The Red Dot Rack Aluminium Slot Rail is designed to fit with our steel frame making it 'Hybrid' steel/Aluminium structure, use the Rail to Cross Pipe Connector for assembly. And easily slide in the modules from top to bottom, Custom Length Available.	T5-6000 series anodised aluminium	308-0001	*

* Non Stocked Item. Will manufacture for project requirements



Clamped Rail Piece 4200mm



Description	Material	Code	Part Number
Similar Red Dot Rack Aluminium Slot Rail, The Clamp Rail is designed to fit with our steel frame making it 'Hybrid' steel/Aluminium structure, use the Rail to Cross Pipe Connector for assembly. Clamp the modules using ModRaxx Clamps\, Custom Length Available.	T5-6000 series anodised aluminium	308-0002	*

T-Pipe Connector Piece



Description	Material	Code	Part Number
Red Dot Rack T-Pipe Connector Piece is designed to connect each of steel frame together, both horizontal and vertical sections, Comes with 7 M10 Hex Nuts for fixing.	Galvanised Steel, SS304 fixings	309-0001	*

Rail To Cross Pipe Connector Assembly



Description	Material	Code	Part Number
Rail To Cross Pipe Connector Assembly, allows the connection of module rail to the steel pipe frame, the part is compatible with various module rails, including our aluminium and steel rails. Part includes all fixings.	T5-6000 series anodised aluminium	310-0001	*

Bottom Cap Piece



Description	Material	Code	Part Number
Bottom Cap Piece is used it connect the Red Dot Rack fame to the base of the fixing, this could be concrete ballast, or various ground screw fixings. Part includes 3 x M12 Hex screws for fixing the steel frame in place.	Galvanised Steel, SS304 fixings	311-0001	*

* Non Stocked Item. Will manufacture for project requirements



Diagonal Braces Sleeve Assembly



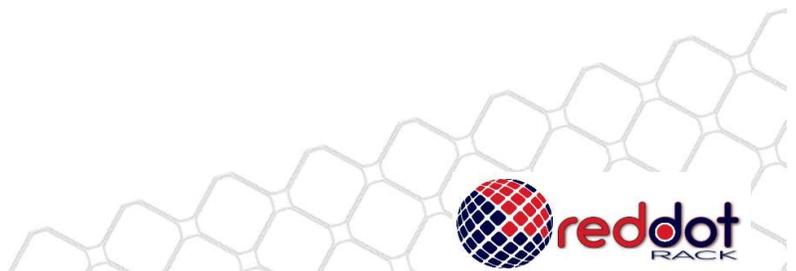
Description	Material	Code	Part Number
Diagonal Braces Sleeve Assembly, this Piece is used for adding square steel bracing arm between steel pipe framing, this part comes with M10 nuts and bolts for front and rear of the part.	T5-6000 series anodised aluminium	312-0001	*

Brace Arm Piece 2430mm

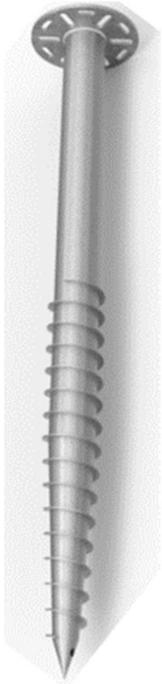


Description	Material	Code	Part Number
40mm x 40mm steel Brace Arm Piece designed for cross bracing the upper frame both north, west and east, west. Join to steel pipe using the 312-0001 Diagonal Brace sleeve.	Galvanised Steel	313-0001	*

* Non Stocked Item. Will manufacture for project requirements



Ground Screw, Standard Thread, Flange Type



Description

Material Length (mm) Code Part Number

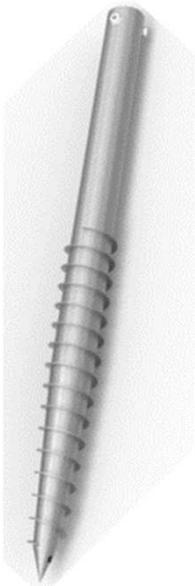
Red Dot Rack Standard thread ground mound ground screw, Annual and Radial 6 Hole Flange type head

Galvanised Steel, 80 Micron

			*
	1200	110-0001-12	
	1600	110-0001-16	
	1800	110-0001-18	
	2000	110-0001-20	
	2500	110-0001-25	

*Custom Lengths Available

Ground Screw, Standard Thread, Open Tube Type Head



Description

Material Length (mm) Code Part Number

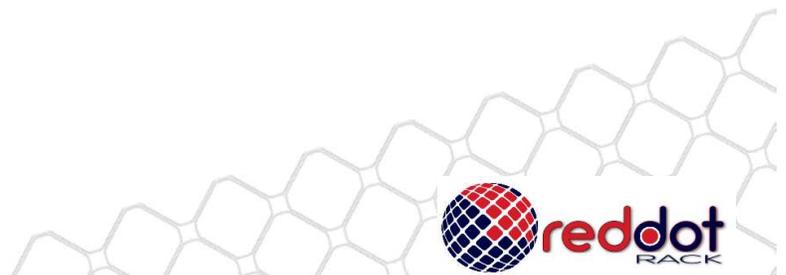
Red Dot Rack Standard thread ground mound ground screw, open tube type head

Galvanised Steel, 80 Micron

			*
	1200	110-0002-12	
	1600	110-0002-16	
	1800	110-0002-18	
	2000	110-0002-20	
	2500	110-0002-25	

*Custom Lengths Available

* Non Stocked Item. Will manufacture for project requirements



Ground Screw, 2 Spiral blades, Flange Type



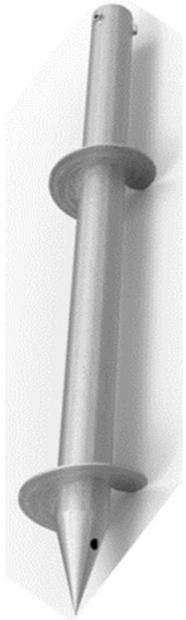
Description

Red Dot Rack two spiral thread ground mound ground screw, Annual and Radial 6 Hole Flange type head

Material	Length (mm)	Code	Part Number
	1200	110-0003-12	*
	1600	110-0003-16	
Galvanised Steel, 80 Micron	1800	110-0003-18	
	2000	110-0003-20	
	2500	110-0003-25	

*Custom Lengths Available

Ground Screw, 2 Spiral blades, Open Tube Type



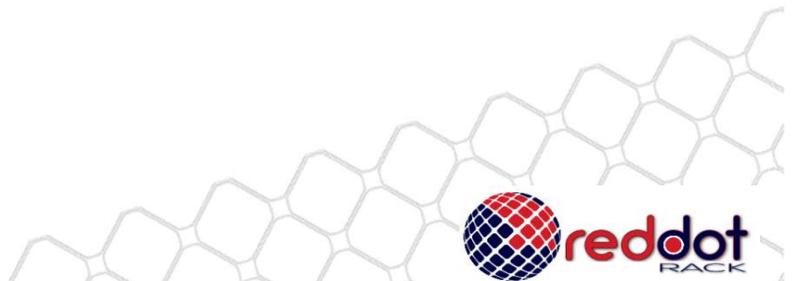
Description

Red Dot Rack two spiral thread ground mound ground screw, Open tube type Head

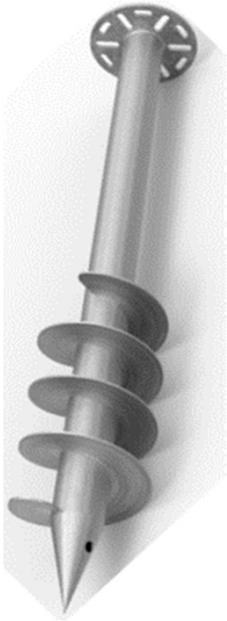
Material	Length (mm)	Code	Part Number
	1200	110-0004-12	*
	1600	110-0004-16	
Galvanised Steel, 80 Micron	1800	110-0004-18	
	2000	110-0004-20	
	2500	110-0004-25	

*Custom Lengths Available

* Non Stocked Item. Will manufacture for project requirements



Ground Screw, 4 Continuous Spiral blades, Flange Type



Description

Red Dot Rack four continuous spiral thread ground mound ground screw, Annual and Radial 6 Hole Flange type head

Material

Galvanised Steel, 80 Micron

Length (mm)

1200

1600

1800

2000

2500

Code

110-0005-12

110-0005-16

110-0005-18

110-0005-20

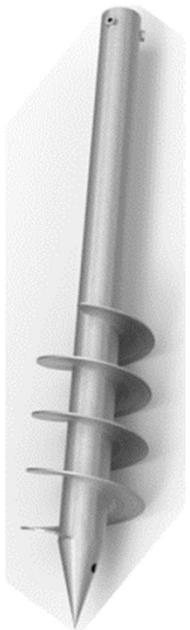
110-0005-25

Part Number

*

*Custom Lengths Available

Ground Screw, 4 Continuous Spiral blades, Open Tube Type



Description

Red Dot Rack four continuous spiral thread ground mound ground screw, open tube type head

Material

Galvanised Steel, 80 Micron

Length (mm)

1200

1600

1800

2000

2500

Code

110-0005-12

110-0005-16

110-0005-18

110-0005-20

110-0005-25

Part Number

*

*Custom Lengths Available

* Non Stocked Item. Will manufacture for project requirements

