Strut & Cable Tray

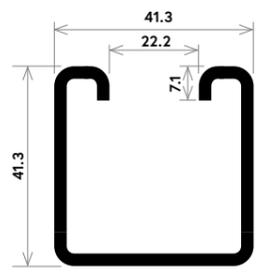**Orbital Fire LTD**

Contents

PRODUCT CATALOGUE V1.0

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SLOTTED STRUT 41 X 41 X 2.5 X 6

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-1000TP	Pre-Galv	41 x 41 x 2.5	6m
ORB-1000TG	HDG	41 x 41 x 2.5	6m
ORB-1000TSS	Stainless	41 x 41 x 2.5	6m

SOLID STRUT 41 X 41 X 2.5 X 6

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-1000P	Pre-Galv	41 x 41 x 2.5	6m
ORB-1000G	HDG	41 x 41 x 2.5	6m
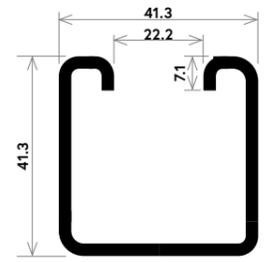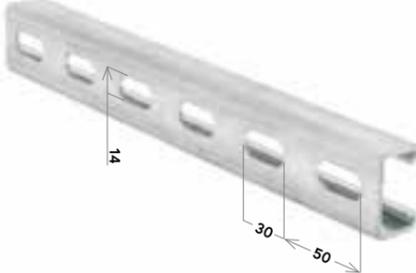
SLOTTED STRUT 41 X 21 X 2.5 X 6

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-3000TP	Pre-Galv	41 x 21 x 2.5	6m
ORB-3000TG	HDG	41 x 21 x 2.5	6m
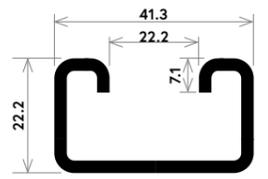
SOLID STRUT 41 X 21 X 2.5 X 6

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-3000P	Pre-Galv	41 x 21 x 2.5	6m
ORB-3000G	HDG	41 x 21 x 2.5	6m
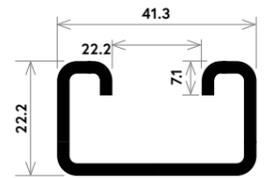
SLOTTED STRUT 41 X 61 X 2.5 X 6

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-5000TP	Pre-Galv	41 x 61 x 2.5	6m
ORB-5000TG	HDG	41 x 61 x 2.5	6m
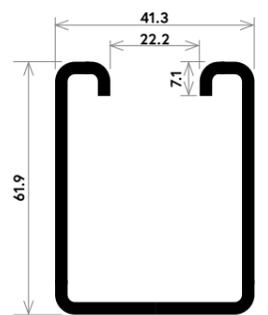
SOLID STRUT 41 X 61 X 2.5 X 6

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-5000P	Pre-Galv	41 x 61 x 2.5	6m
ORB-5000G	HDG	41 x 61 x 2.5	6m
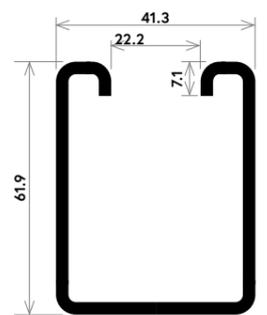
SLOTTED STRUT 41 X 41 X 2.5 X 3

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-1000TP-3M	Pre-Galv	41 x 41 x 2.5	3m
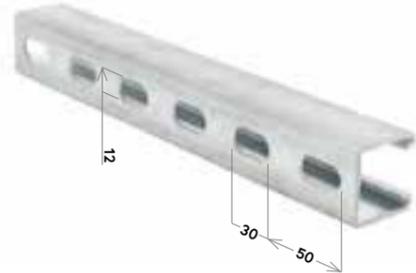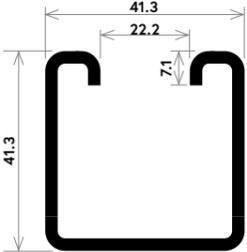
SLOTTED STRUT 41 X 21 X 2.5 X 3

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-3000TP-3M	Pre-Galv	41 x 21 x 2.5	
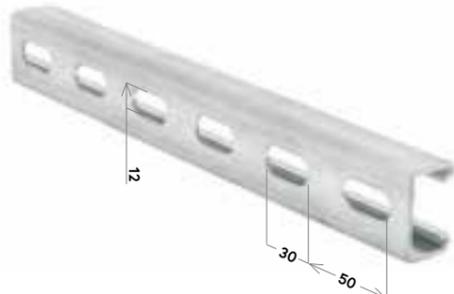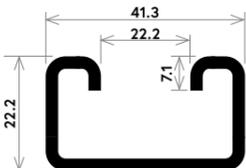
SLOTTED ANGLE

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-15050G	Galv	50 x 50 x 5	6m
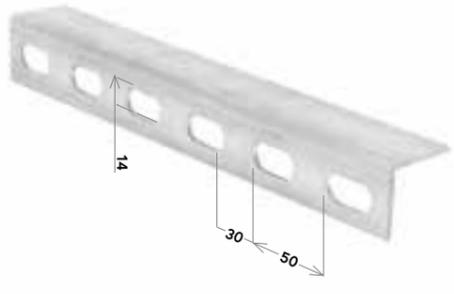
SOLID STRUT 41 X 82 X 2.5 X 6

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-1001P	Pre-Galv	41 x 82 x 2.5	6m
ORB-1001G	HDG	41 x 82 x 2.5	6m
ORB-1001B	Black	41 x 82 x 2.5	6m

SLOTTED STRUT 41 X 82 X 2.5 X 6

CODE	DESCRIPTION	SIZE MM	LENGTH
ORB-1001TP	Pre Galv	41 x 82 x 2.5	6m
ORB-1001TG	HDG	41 x 82 x 2.5	6m
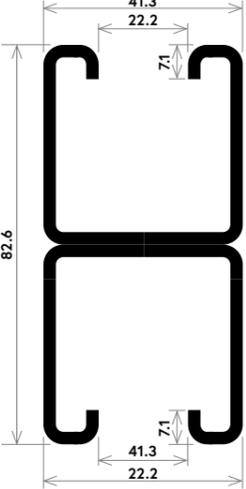
SPRING NUT			
CODE	DESCRIPTION	PACK QTY	FINISH
NUT-M6SLS	M6	100	Zinc
NUT-M8SLS	M8	100	Zinc/Galv
NUT-M10SLS	M10	100	Zinc/Galv/SS
NUT-M12SLS	M12	100	Zinc/Galv/SS
NUT-M16SLS	M16	100	Zinc/Galv

Short Spring Nuts also available

CANTILEVER BRACKETS - BRACED (HDG)	
CODE	LENGTH MM (A)
ORB-CB320G	320
ORB-CB470G	470
ORB-CB635G	635
ORB-CB780G	780
ORB-CB930G	930
ORB-CB1080G	1080

Hole Size: Ø14mm
Brace
40 / 20 / 180 / 220 / 8 / A

Custom sizes and finishes available on request.

SPRING NUT WITH NO SPRING			
CODE	DESCRIPTION	PACK QTY	FINISH
NUT-M8SNSZ	M8	100	Zinc
NUT-M10SNSZ	M10	100	Zinc
NUT-M12SNSZ	M12	100	Zinc
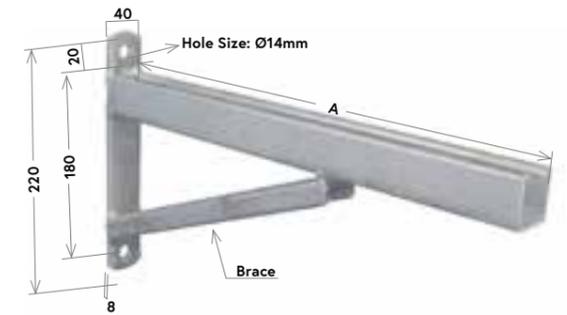
CANTILEVER BRACKETS - UNBRACED (HDG)	
CODE	LENGTH MM (A)
ORB-CBU150G	150
ORB-CBU300G	300
ORB-CBU450G	450
ORB-CBU600G	600
ORB-CBU700G	700
ORB-CBU1000G	1000

40 / 139 / 97 / 8 / A
Hole Size: Ø14mm

Custom sizes and finishes available on request.

SPEED NUT			
CODE	DESCRIPTION	PACK QTY	FINISH
NUT-M10SNZ	M10	100	Zinc
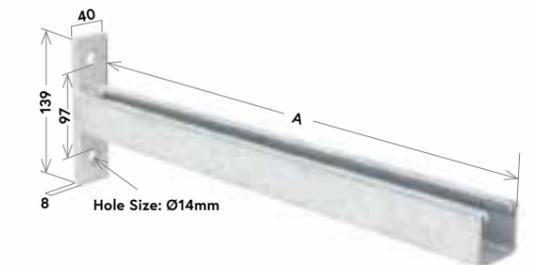
ROD STIFFENER			
CODE	DESCRIPTION	PACK QTY	FINISH
HTRS-3PCE10	M10	100	Zinc
HTRS-3PCE10G	M10	100	Galv
HTRS-3PCE12	M12	100	Zinc
HTRS-3PCE12G	M12	100	Galv

TOP HUNG SPEED NUT			
CODE	DESCRIPTION	PACK QTY	FINISH
NUT-M10THZ	M10	100	Zinc

T-NUT			
CODE	DESCRIPTION	PACK QTY	FINISH
NUT-M10STZ	M10	100	Zinc
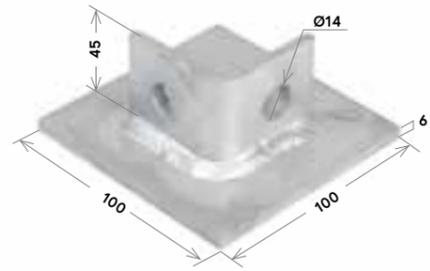
STRUT BASE PLATE 40 X 100 (HDG)			
CODE	DESCRIPTION	PACK QTY	TO SUIT
ORB-2072SIG	100 x 100 x 45	20	ORB-1000T

ANGLE BRACKET - EXTERNAL ANGLE 45°			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1546G	76 x 60	100	Galv
ORB-1546SS	76 x 60	100	S/S
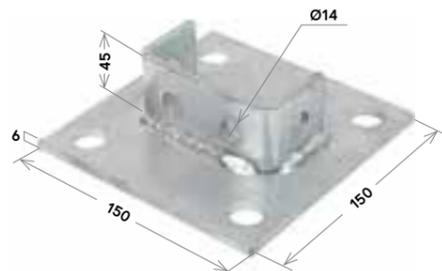
BASE PLATE 150 ANGLE (HDG)			
CODE	DESCRIPTION	PACK QTY	TO SUIT
ORB-2073G	150 x 150 x 45	10	ORB-3300T
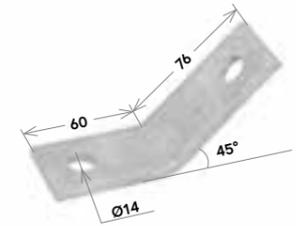
ANGLE BRACKET - SEISMIC ANGLE 45°			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1546-3H	100 x 60	100	Galv

BASE PLATE 150 ANGLE (HDG)			
CODE	DESCRIPTION	PACK QTY	TO SUIT
ORB-2072AG	150 x 150 x 89	10	ORB-1000T
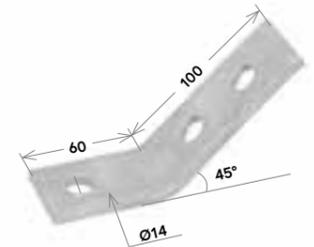
ANGLE BRACKET - INTERNAL ANGLE 45°			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1186G	80 x 64	100	Galv

STRUT BASE PLATE 150 SQUARE				
CODE	DESCRIPTION	PACK QTY	TO SUIT	FINISH
ORB-2072BG	150 x 150 x 89	10	ORB-1000T	Galv
ORB-2027BSS	150 x 150 x 89	10	ORB-1000T	S/S
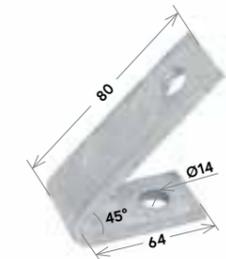
HINGE ANGLE BRACKET				
CODE	DESCRIPTION	THICKNESS	PACK QTY	FINISH
ORB-1843G	2 hole - 40 x 40	6mm	100	Zinc/Galv
ORB-1354AG	3 hole - 40 x 90	6mm	50	Zinc/Galv
ORB-1354G	4 hole - 90 x 90	6mm	50	Zinc/Galv
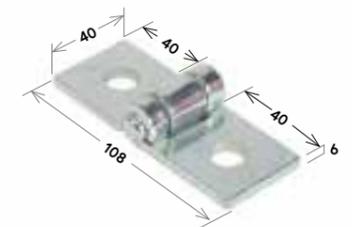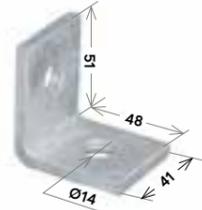
ANGLE BRACKET - 2 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1026G	48 x 51	200	Galv
ORB-1026SS	48 x 51	200	S/S
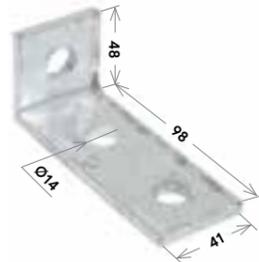
ANGLE BRACKET - 3 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1326G	98 x 48	10	Galv
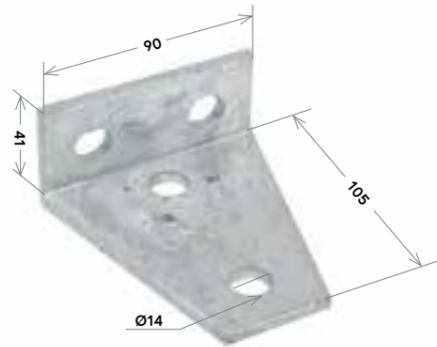
ANGLE BRACKET - WIDE ANGLE TEE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1359G	105 x 90	10	Galv
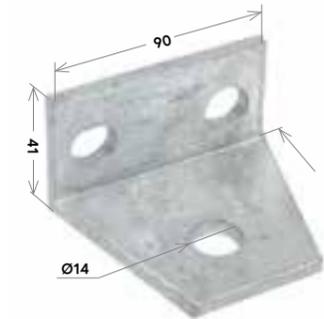
ANGLE BRACKET - NARROW ANGLE TEE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1357G	57 x 90	10	Galv

FLAT ANGLE BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1358G	138 x 90	10	Galv
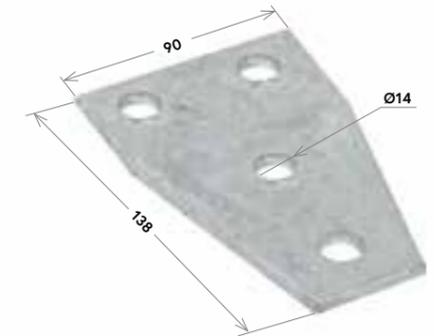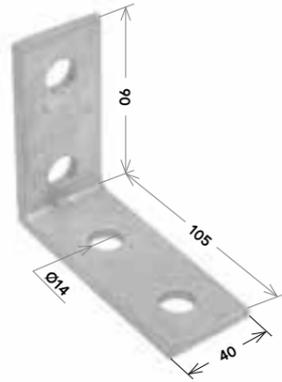
ANGLE BRACKET - 4 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1325G	105 x 90	10	Galv

WINGED FITTING - LEFT			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1038G	90 x 51	10	Galv
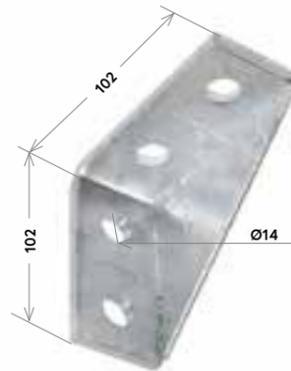
ANGLE BRACKET - 4 HOLE BRACED			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2484G	102 x 102	10	Galv

WINGED FITTING - RIGHT			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1037G	90 x 51	10	Galv
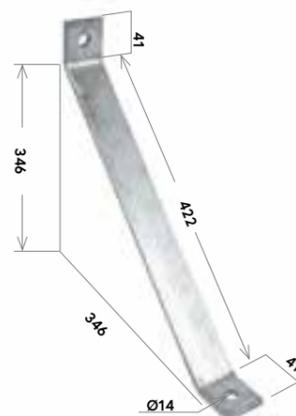
BRACE FITTING - ANGLE BRACE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2452G	41 x 346 x 422	100	Galv
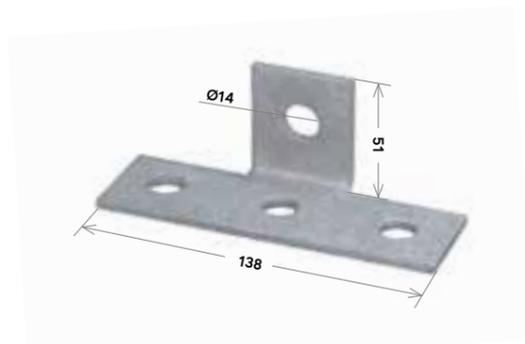
WINGED FITTING - TEE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1033G	138 x 51	10	Galv
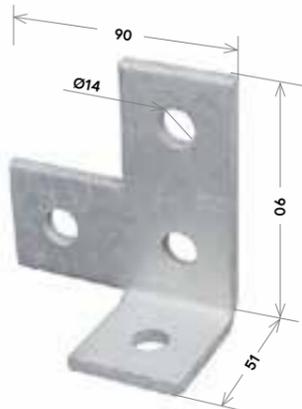
WINGED FITTING - LEFT			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1034G	90 x 90 x 51	10	Galv

ROD BASE PLATE PRESSED			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-BP10Z	M10	50	Zinc
ORB-BP10A4	M10	50	S/S

ROD BASE PLATE WELDED BOSS			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-BP10Z-B	M10	50	Zinc
ORB-BP10G-B	M10	50	Galv
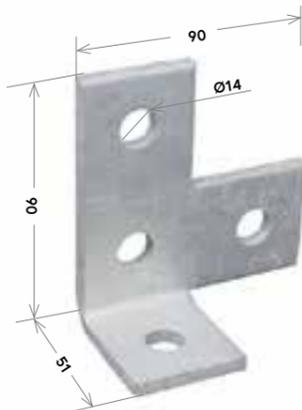
WINGED FITTING - RIGHT			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1035G	90 x 90 x 51	10	Galv

ROD BASE PLATE 45°			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-BPH10Z	M10	50	Zinc
ORB-BPH10G	M10	50	Galv

ROD BASE PLATE VERTICAL			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-BPV10Z	M10	50	Zinc
ORB-BPV10G	M10	50	Galv
ORB-BPV12Z	M12	50	Zinc
ORB-BPV12G	M12	50	Galv
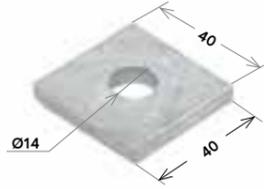
FLAT PLATE FITTING - 1 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
W8X40SQX3G	40 x 40 x 3mm x M8	100	Galv & SS
W10X40SQX3G	40 x 40 x 3mm x M10	100	Galv & SS
W12X40SQX3G	40 x 40 x 3mm x M12	100	Galv & SS
W16X40SQX3G	40 x 40 x 3mm x M16	100	Galv
W10X40SQX6G	40 x 40 x 6mm x M10	100	Galv
W12X40SQX6G	40 x 40 x 6mm x M12	100	Galv
W16X40SQX6G	40 x 40 x 6mm x M16	100	Galv

FLAT PLATE FITTING - 4 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1067G	40 x 184	20	Galv
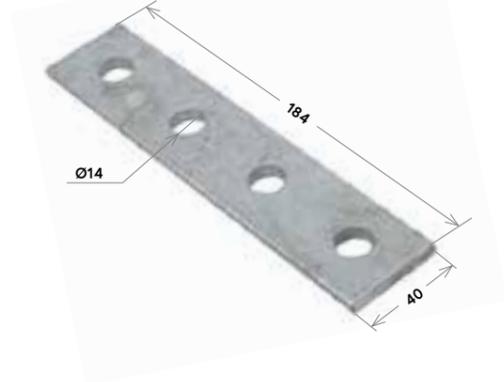
FLAT PLATE FITTING - 2 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1065G	40 x 89	100	Galv
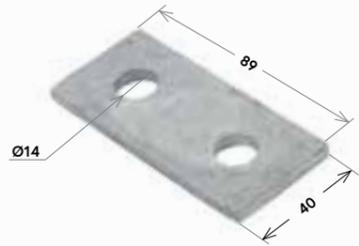
FLAT PLATE FITTING - 5 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1941G	40 x 232	20	Galv
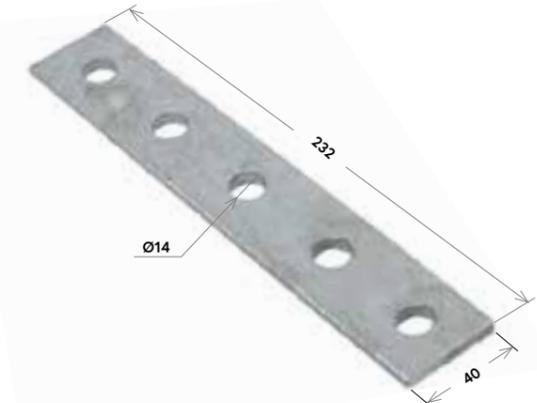
FLAT PLATE FITTING - 3 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1066G	40 x 137	50	Galv
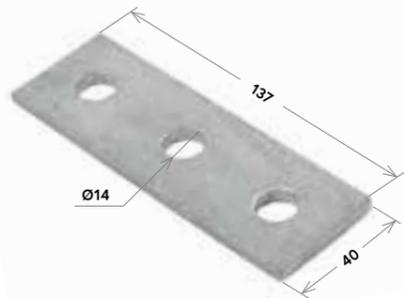
FLAT PLATE FITTING - RIGHT ANGLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1036G	89 x 89	20	Galv
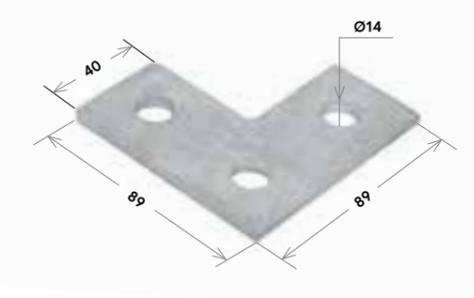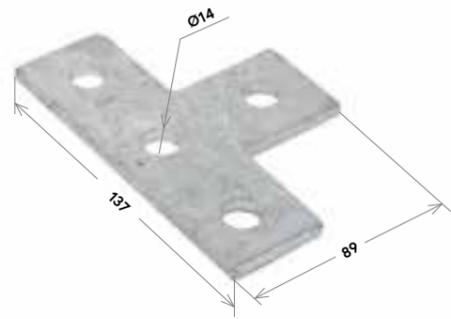
FLAT PLATE FITTING - TEE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1031G	89 x 137	20	Galv
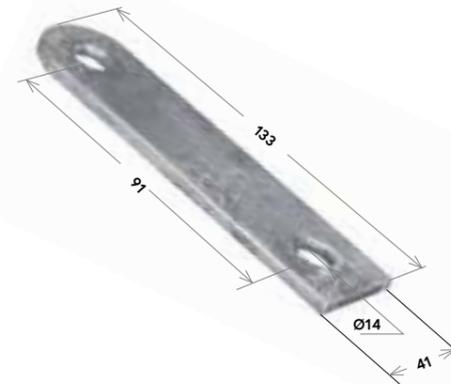
FLAT PLATE FITTING - 2 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2325G	91 x 133	20	Galv
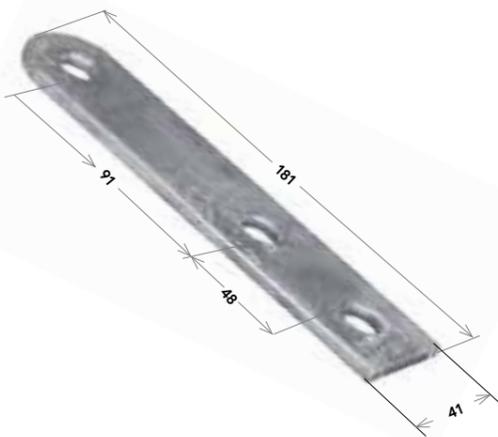
FLAT PLATE FITTING - 3 HOLE			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2324G	91 x 181	20	Galv

U SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-4047G	42 x 21 x 138	40	Galv
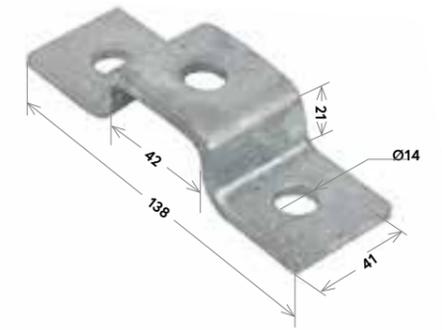
U SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1047G	42 x 41 x 138	20	Galv
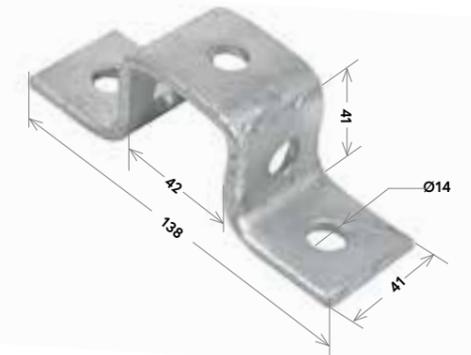
U SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-5547G	42 x 62 x 138	10	Galv
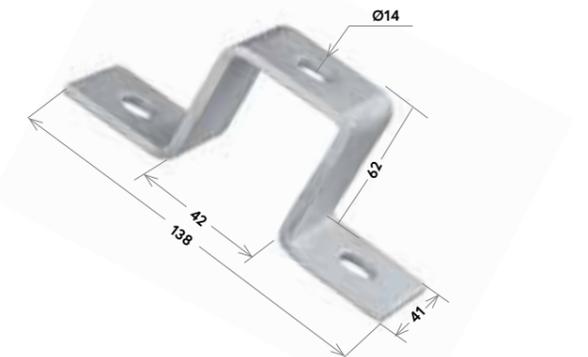
U SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1737G	42 x 83 x 138	10	Galv

sales@orbitalfire.co.nz / 09 255 5575
sales@orbitalfire.co.nz / 09 255 5575
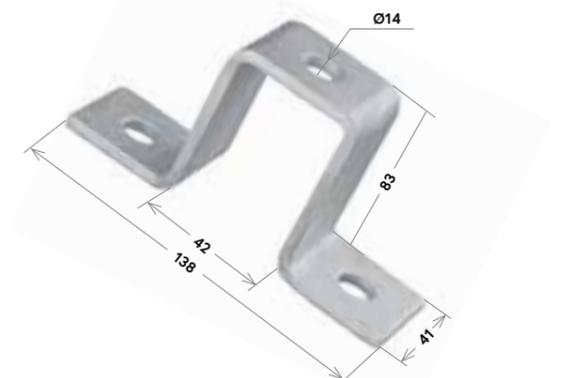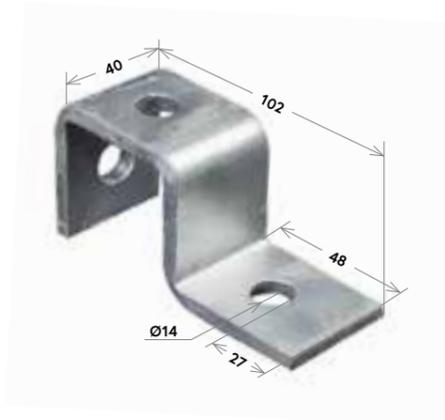
U SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1046G	48 x 102	10	Galv

U SHAPE STRUT JOINER			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-4376G	24 x 90	10	Galv

U SHAPE STRUT JOINER			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1376G	47 x 90	10	Galv

U SHAPE STRUT JOINER			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1044G	48 x 96	10	Galv
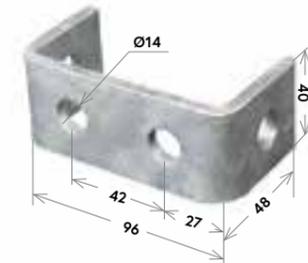
U SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1377G	47 x 186	10	Galv
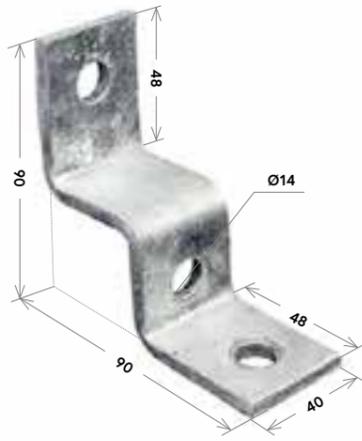
Z SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1736G	40 x 90 x 90	10	Galv

Z SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-5545G	40 x 65 x 90	10	Galv

Z SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-1045G	40 x 45 x 94	10	Galv

MOUNTING PLATES			
CODE	STRUT	PULLOUT LOAD	SLIP LOAD
ORB-3087G	ORB-1000G	4.41kN	3.53kN
ORB-3087G	ORB-3000G	4.41kN	1.32kN

2 cone pointed screws included per plate
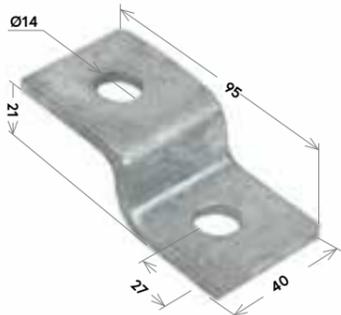
Z SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-4045G	40 x 25 x 95	10	Galv
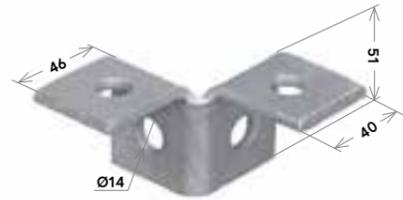
WING SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2223G	46 x 51	10	Galv

BEAM CLAMPS FOR THREADED ROD		
CODE	DESCRIPTION	PACK QTY
ORB-UCBCH10	M10	50
ORB-UCBCH12	M12	50
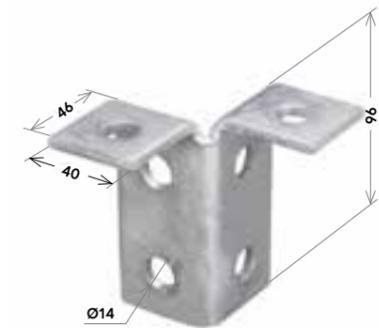
WING SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2224G	46 x 96	10	Galv

BEAM STRAP		
CODE	DESCRIPTION	PACK QTY
ORB-1379	82 x 25	20

Use in pairs only

M12 x 40 cone pointed screw included
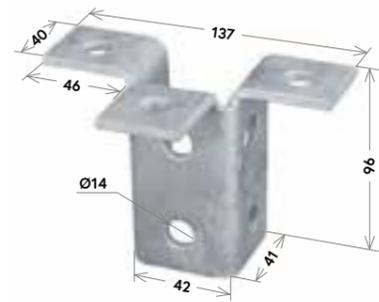
WING SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2228G	46 x 96 x 137	10	Galv

UNIVERSAL JOINT			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-UJ-3PCE-10	M10	25	Zinc
ORB-UJ-3PCE-12	M12	25	Zinc
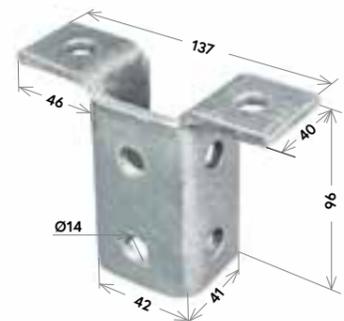
WING SHAPED BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2346G	46 x 96 x 137	10	Galv

BEAM STRAP ZINC PLATE		
CODE	DESCRIPTION	FINISH
UCBCRS400	400mm Retaining Strap for Beam Clamps	Zinc
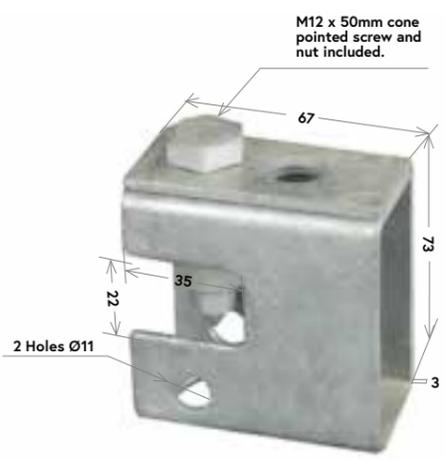
M12 x 50mm cone pointed screw and nut included.

67

73

35

22

2 Holes Ø11

3

SWIVEL BEAM CLAMP			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2676G	67 x 73	1	Galv

3

64

32

M10 x 50 Screw, nut and lock washer included

HANGER FOR ORB-2676G			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-2683G	64 x 32	1	Galv

76

22

6

127

86

BEAM CLAMPS - ADJUSTABLE		
CODE	DESCRIPTION	PACK QTY
ORB-2785G	76 x 86	10
ORB-2786G	76 x 127	10

Use in pairs only

BEAM CLAMPS - LOCKING		
CODE	DESCRIPTION	PACK QTY
ORB-1386G	13 x 48	20

Use in pairs only

13

48

6

BEAM CLAMPS - WINDOW BRACKET		
CODE	DESCRIPTION	PACK QTY
ORB-1796G	Window Bracket	20

Use in pairs only

45

6

90

22

90

STRUT COVER			
CODE	TYPE	LENGTH	PACK QTY
SC41X3	Plastic	3 Metre	10

CABLE TRAY			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CT3150PG	150 X 50 X 3000	1	Pre-Galv & HDG
ORB-CT3300PG	300 X 50 X 3000	1	Pre-Galv & HDG
ORB-CT3450PG	450 X 50 X 3000	1	Pre-Galv & HDG
ORB-CT3600PG	600 X 50 X 3000	1	Pre-Galv & HDG

Tray Covers and Barrier Strip also available on request.
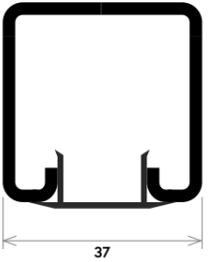
STRUT END CAP		
CODE	TYPE	PACK QTY
ORB-SSE41X41	Plastic	10

CABLE TRAY CORNER BRACKET			
CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CT3TXH	50 X 150	1	Pre Galv & HDG

STRUT END CAP		
CODE	TYPE	PACK QTY
ORB-SSE41X21	Plastic	10

RADIUS PLATE (BENDS) - ADJUSTABLE

CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CT3RP	50 X 3000	1	Pre Galv & HDG

SIDE HOLD DOWN

CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CT3HD	50 x 30	1	Pre Galv & HDG

SPLICE BOLT

CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CTSB10Z	M10	100	Zinc & HDG

SPLICE NUT

CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CTSN10Z	M10	100	Zinc & HDG

LINK/RISER PLATE

CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CT3RL	100 x 25	1	Pre Galv & HDG

CABLE TRAY SPLICE PLATE

CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CT3S	45 X 180	1	Pre Galv & HDG

CENTRE HOLD DOWN

CODE	DESCRIPTION	PACK QTY	FINISH
ORB-CHDC	50 x 55	1	Pre Galv & HDG

CABLE CONTAINMENT

Orbital FIRE LTD

From heavy duty Cable Ladders to light weight Trays and Baskets, Orbital is your go to partner for supporting your cable requirements.

CABLE TRAY

Cable Tray is typically the most popular choice when running cable, allowing you to not only support but organise.

Cable Tray comes in 3m lengths and a range of widths between 150mm and 600mm. For any exposed or decorative Cable Tray, this can be powder coated any colour for added effect.

Available in a range of laying depths and finishes, including Pre-Calv, HDG and Stainless.

CABLE BASKET

Cable basket is typically used to support light weight and data cable. It's key benefits include speedy installation and excellent cable ventilation. Cable Basket comes in 3m lengths and widths between 50mm and 600mm. A full range of fittings and accessories are also available.

Available in a range of laying depths and finishes, including Pre-Calv, HDG and Stainless.

CABLE LADDER

Cable Ladder is designed to support heavy high-voltage cable. Available in Aluminium, HDG and Stainless, it comes in several different load ratings and cable laying depths. All tested to confirm with NEMA Standards, this full range includes risers and bends and comes in 6m lengths and in widths between 150mm and 900mm.

MODULAR SUPPORTS

STRUT

Strut is also used in combination with cable supports solutions, offering extra strength and bracing. One of the highlights of the Strut system is its ease of installation, which gives a time and money saving alternative to traditional support methods.
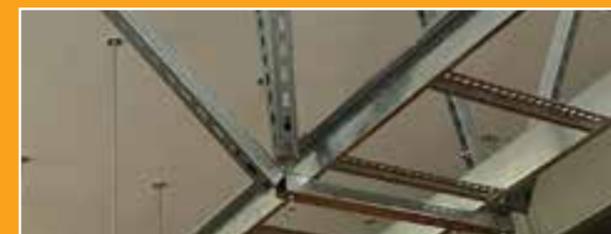
MODFRAME

Orbital's ModFrame is a Modular Framing System ideally suited to supporting cable ladders, large pipework and multi-service brackets. This time saving system eliminates the need for welding, drilling, and galvanizing. A heavy duty compliment to cable support solutions.

sales@orbitalfire.co.nz / 09 255 5575