

Cable Tray
and
Cable Basket
Support
Solutions

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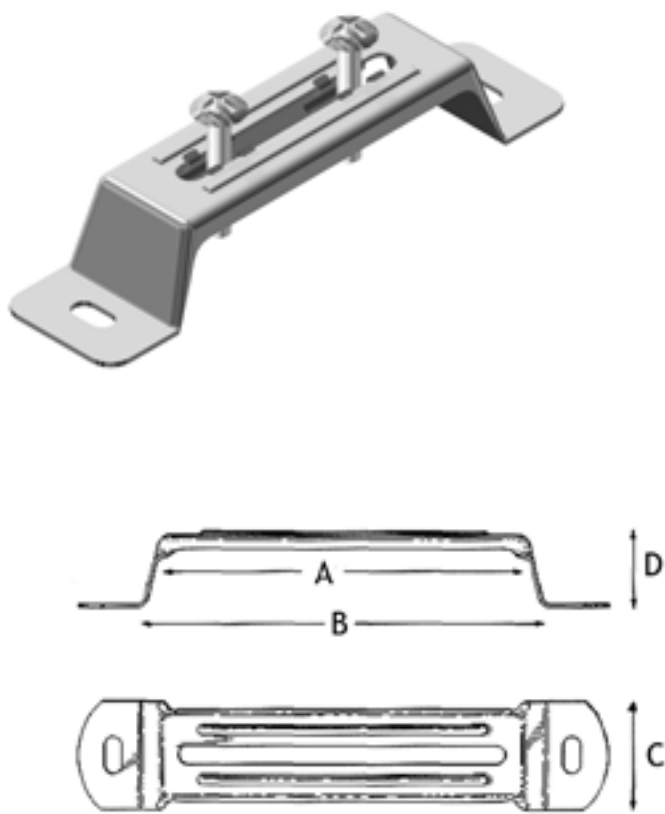
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Stand-off Brackets

HFX Brackets (with friction clip)

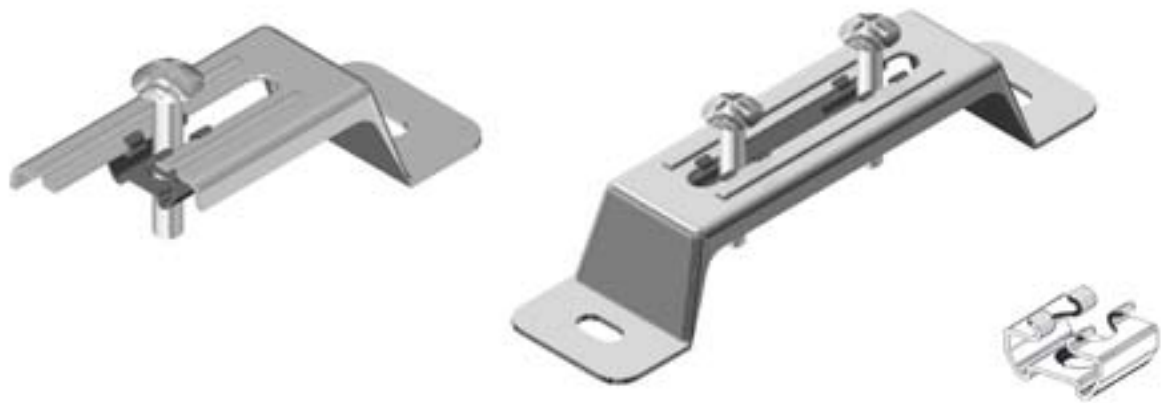


The HFX is a superior bracket with unique advantages

- Comes with pre-inserted friction spring clips and M6x16 tray bolts.
- No need for back nuts.
- The friction spring clips can be conveniently repositioned by hand or combination pliers.
- Clips will remain in position even when fixed vertically.
- Friction clip thread has a lead-in to allow for easier alignment.
- Tray bolts have a No.2 pozi recess allowing for easier installation by using a pozi screwdriver or a power screwdriver.
- 25mm stand-off allows easy access to back of tray.
- Sizes to suit up to 450mm tray available.

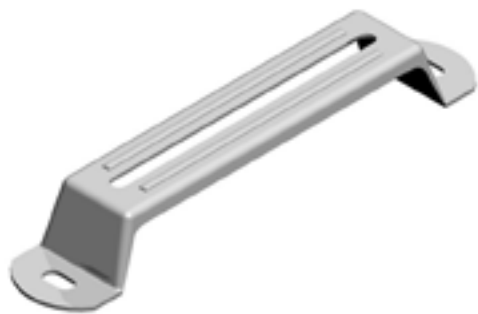
| Size (Up To) | Prod. Code | No of Slots | No of Clips | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|--------------|------------|-------------|-------------|--------------------|-------------|-------|-------|-------|-------|---------|-----------|
| 2"(50mm) | CTB0 | 1 | 1 | 1.2mm | Zinc Plated | 45 | 55 | 38 | 25 | 25 | 250 |
| 3"(75mm) | CTB1 | 1 | 1 | 1.2mm | Zinc Plated | 68 | 76 | 38 | 25 | 25 | 250 |
| 4"(100mm) | CTB1A | 1 | 2 | 1.2mm | Zinc Plated | 90 | 98 | 38 | 25 | 25 | 250 |
| 6"(150mm) | CTB2 | 1 | 2 | 1.2mm | Zinc Plated | 137 | 147 | 38 | 25 | 25 | 200 |
| 9"(225mm) | CTB3 | 2 | 4 | 1.2mm | Zinc Plated | 225 | 238 | 38 | 25 | 20 | 160 |
| 12"(300mm) | CTB4 | 2 | 4 | 1.2mm | Zinc Plated | 298 | 311 | 38 | 25 | 20 | 120 |
| 18"(450mm) | CTB5 | 3 | 4 | 1.6mm | Zinc Plated | 450 | 475 | 38 | 25 | 10 | 50 |

Minimum quantity supplied is one box.



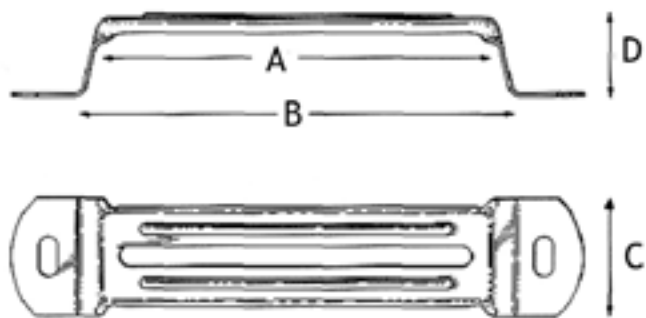
Stand-off Brackets

Classic Stand-off Brackets



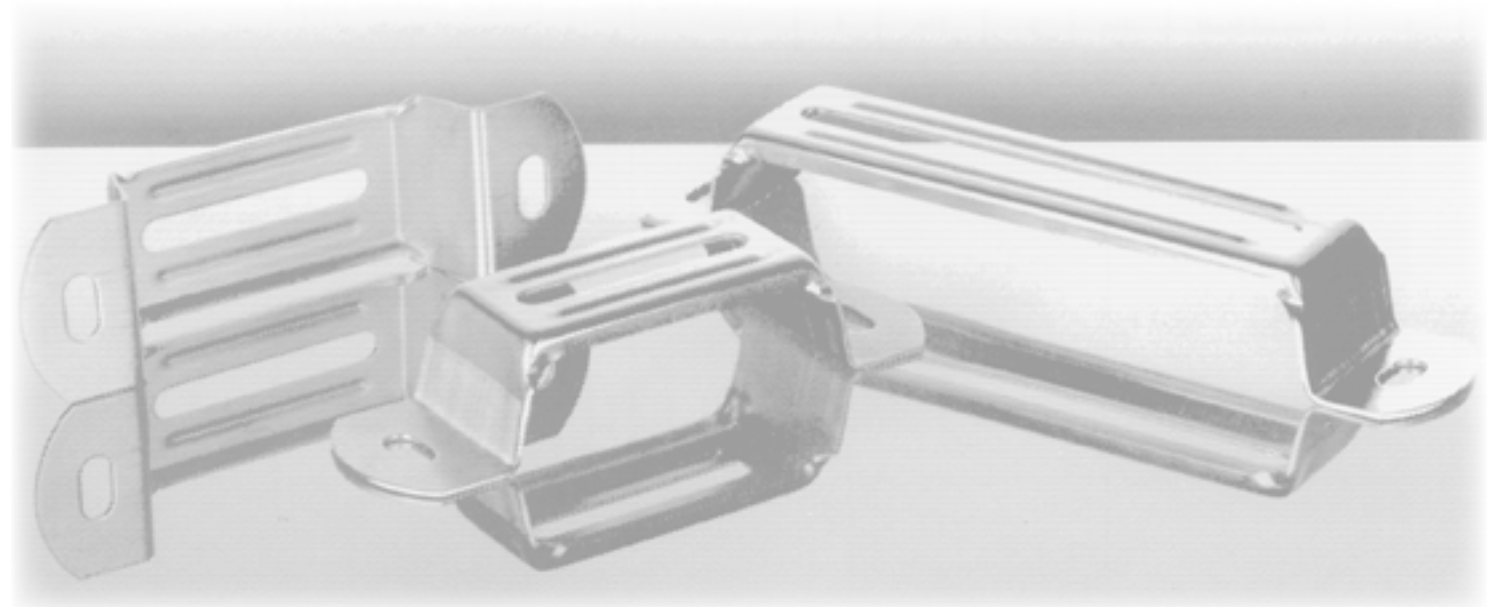
Features

- 25mm Stand-off allowing easy access to back of cable tray for securing bolts, cable ties etc.
- Ribbed construction for extra strength.
- 38mm width for stability.
- Elongated fixing holes to allow alignment of holes.
- Sizes to suit up to 450mm tray available.



| Size (Up To) | Prod. Code | No of Slots | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|--------------|------------|-------------|--------------------|-------------|-------|-------|-------|-------|---------|-----------|
| 2”(50mm) | CTB-050 | 1 | 1.2mm | Zinc Plated | 45 | 55 | 38 | 25 | 50 | 500 |
| 3”(75mm) | CTB-075 | 1 | 1.2mm | Zinc Plated | 68 | 76 | 38 | 25 | 50 | 500 |
| 4”(100mm) | CTB-100 | 1 | 1.2mm | Zinc Plated | 90 | 98 | 38 | 25 | 50 | 500 |
| 6”(150mm) | CTB-150 | 1 | 1.2mm | Zinc Plated | 137 | 147 | 38 | 25 | 50 | 400 |
| 9”(225mm) | CTB-225 | 2 | 1.2mm | Zinc Plated | 225 | 238 | 38 | 25 | 20 | 200 |
| 12”(300mm) | CTB-300 | 2 | 1.2mm | Zinc Plated | 298 | 311 | 38 | 25 | 20 | 160 |
| 18”(450mm) | CTB-450 | 3 | 1.6mm | Zinc Plated | 450 | 475 | 38 | 25 | 20 | 100 |

Minimum quantity supplied is one box.



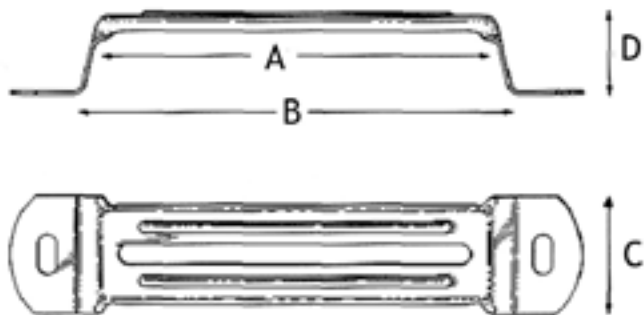
Stand-off Brackets

Quick Fix Brackets - PFX



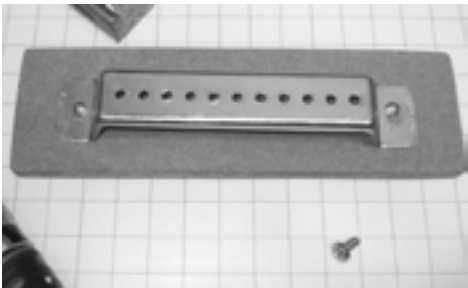
NEW DESIGN Features

- Simple fast and efficient installation of cable tray.
- No bolts or nuts needed. Uses thread forming screws(supplied).
- Fixes quickly using an electric screwdriver. A standard No.3 pozi screwdriver can also be used.
- Screws and No.3 pozi bit included in each box.
- Holes in bracket are pre-punched at 12.5mm. centre to facilitate easy alignment.



| Size (Up To) | Prod. Code | Hole Centres | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|-----------------|------------|-----------------|-----------------------|-------------|----------|----------|----------|----------|------------|--------------|
| 3"(75mm) | CTBH0751 | 12.5 | 1.6mm | Zinc Plated | 75 | 85 | 38 | 25 | 10 | 200 |
| 4"(100mm) | CTBH1001 | 12.5 | 1.6mm | Zinc Plated | 100 | 95 | 38 | 25 | 10 | 200 |
| 6"(150mm) | CTBH1501 | 12.5 | 1.6mm | Zinc Plated | 145 | 160 | 38 | 25 | 10 | 200 |
| 12"(300mm) | CTBH3001 | 12.5 | 1.6mm | Zinc Plated | 298 | 310 | 38 | 25 | 10 | 100 |

Minimum quantity supplied is one box.



1) Fix bracket to substrate using any suitable fixing.



2) Line up slots in Cable Tray with holes in the bracket.



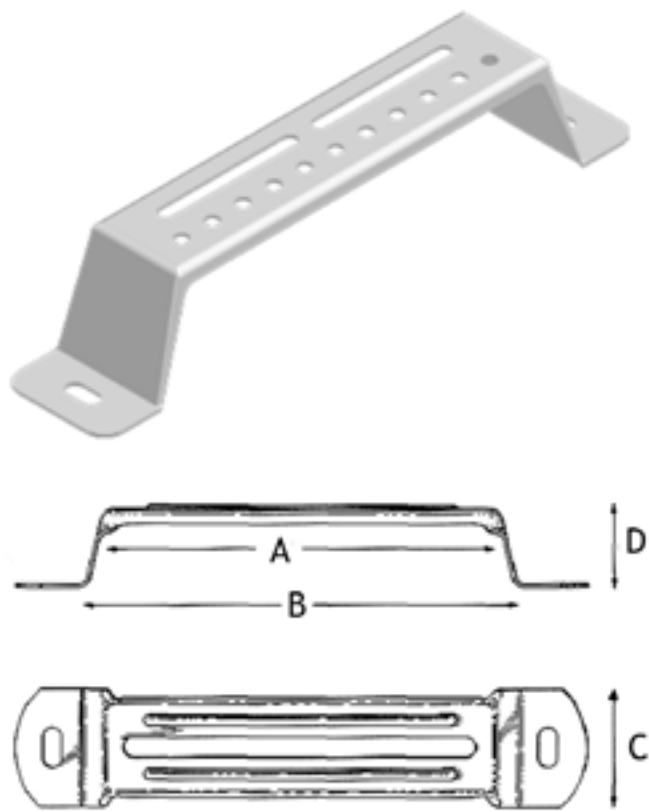
3) An electric screwdriver is used to fix the tray to the bracket the Thread Forming Screw.



4) Repeat process 3 for a second fixing.

Stand-off Brackets

42mm Quick Fix Brackets - PFX



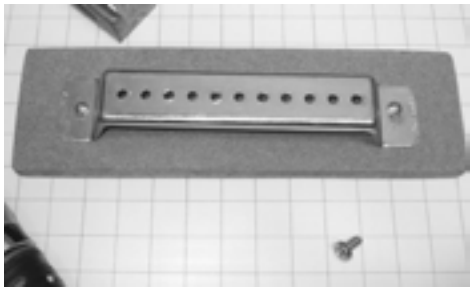
NEW DESIGN Features

- 42mm height to work with deep framing channel (strut).
- Simple fast and efficient installation of cable tray.
- No bolts or nuts needed. Uses thread forming screws(supplied).
- Fixes quickly using an electric screwdriver. A standard No.3 pozi screwdriver can also be used.
- Screws and No.3 pozi bit included in each box.
- Holes in bracket are pre-punched at 12.5mm centre to facilitate easy alignment.
- Bracket has a combination of slots and pre-punched holes for M6 Thread Forming screws.

| Size (Up To) | Prod. Code |
|-----------------|------------|
| 3"(75mm) | CTBH4075 |
| 6"(150mm) | CTBH4150 |

| Hole Centres | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|--------------|--------------------|-------------|-------|-------|-------|-------|---------|-----------|
| 12.5 | 1.6mm | Zinc Plated | 75 | 85 | 42 | 42 | 10 | 160 |
| 12.5 | 1.6mm | Zinc Plated | 145 | 160 | 42 | 42 | 10 | 160 |

Minimum quantity supplied is one box.



1) Fix bracket to substrate using any suitable fixing.



2) Line up slots in Cable Tray with holes in the bracket.



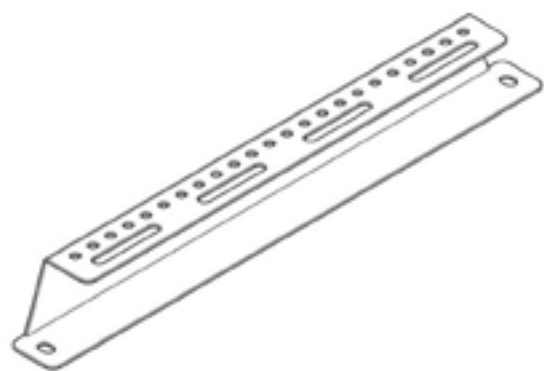
3) An electric screwdriver is used to fix the tray to the bracket the Thread Forming Screw.



4) Repeat process 3 for a second fixing.

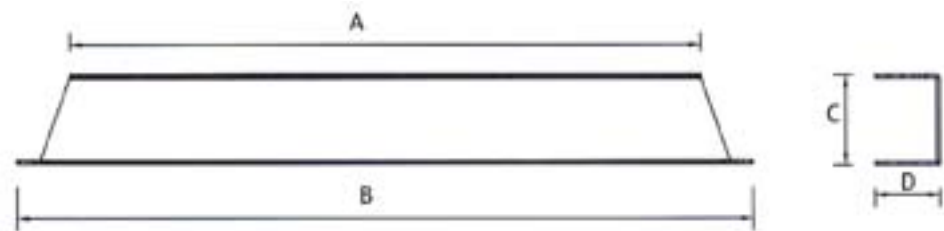
Stand-off Brackets

Under Floor Strong Brackets



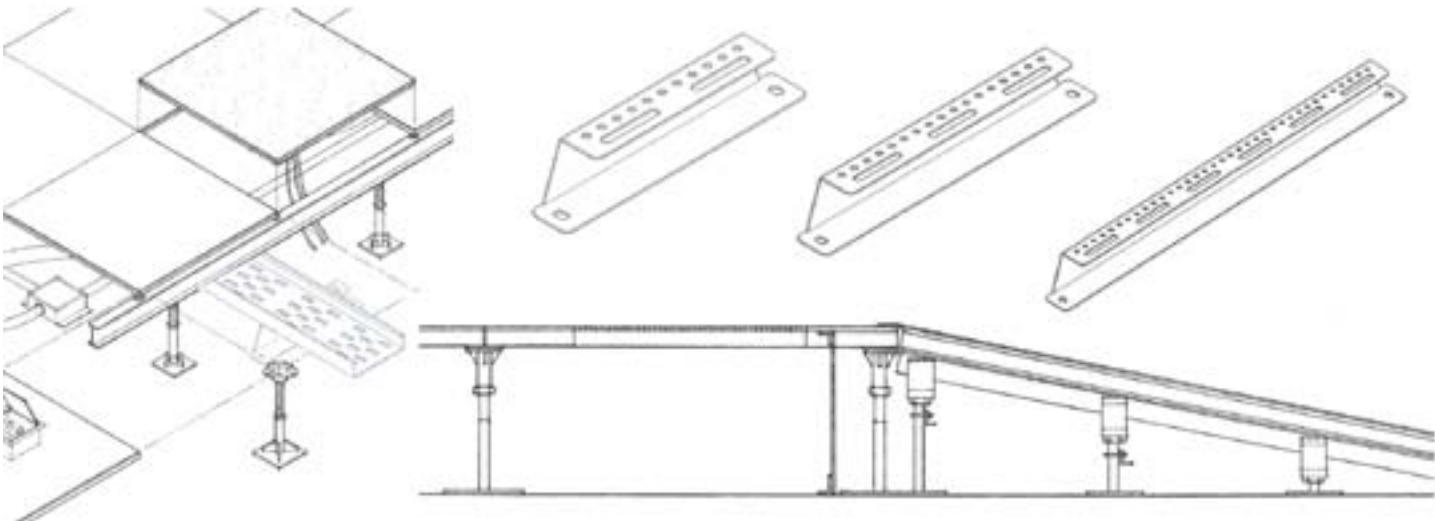
Features

- Strong and versatile.
- Tray bolts or M6 thread forming screws (supplied with brackets) can be used.
- 42mm height allows easy access to back of tray and is the same dimension as deep strut.
- Solid ribbed construction for increased strength and will resist distortion when stood upon.
- Sizes to suit up to 600mm tray available.



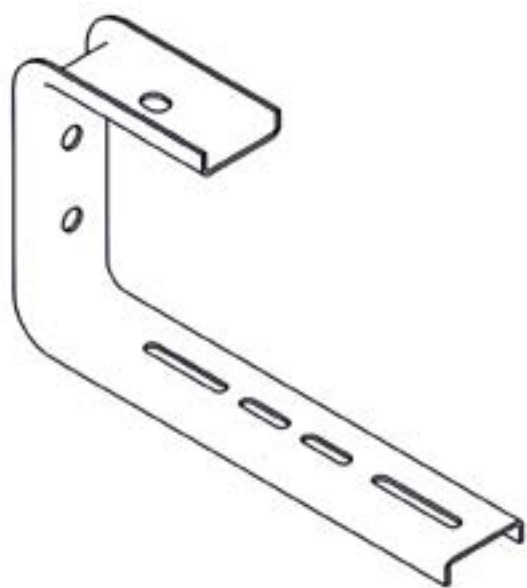
| Size (Up To) | Prod. Code | No of Slots | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|-----------------|------------|----------------|-----------------------|----------|----------|----------|----------|----------|------------|--------------|
| 3"(75mm) | UFCTB075 | 1 | 1.6mm | Pre-Galv | 75 | 125 | 42 | 31 | 10 | 200 |
| 6"(150mm) | UFCTB150 | 2 | 1.6mm | Pre-Galv | 150 | 200 | 42 | 31 | 10 | 100 |
| 9"(225mm) | UFCTB225 | 3 | 1.6mm | Pre-Galv | 225 | 275 | 42 | 31 | 10 | 80 |
| 12"(300mm) | UFCTB300 | 4 | 1.6mm | Pre-Galv | 300 | 350 | 42 | 31 | 10 | 50 |
| 18"(450mm) | UFCTB450 | 6 | 1.6mm | Pre-Galv | 450 | 500 | 42 | 31 | 10 | 40 |
| 24"(600mm) | UFCTB600 | 8 | 1.6mm | Pre-Galv | 600 | 650 | 42 | 31 | 10 | 30 |

Minimum quantity supplied is one box.



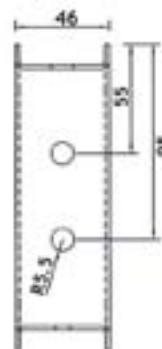
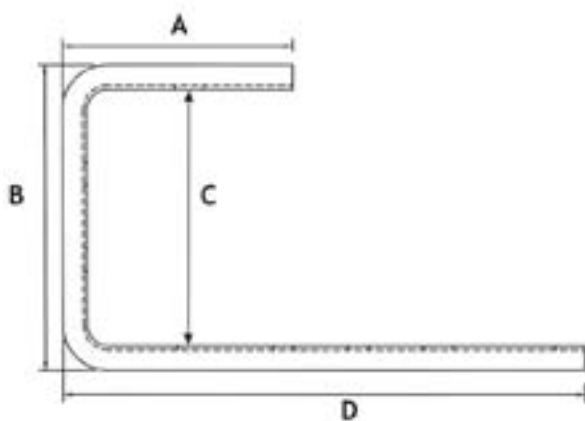
Ceiling Brackets

Standard Ceiling Brackets



Features

- Designed for lightweight support of cable tray and basket parallel to ceilings.
- A certain amount of suspension can be accommodated within the bracket's application.
- Designed for side loading of cable into tray or basket.
- Designed to fit over 41mm wide strut using a standard bolt and spring nut(zebedee).
- Can be fitted directly to a wall using any appropriate fixing method.
- Elongated 6mm clearance slots for easy alignment of tray or basket.
- Clamps available for use with cable basket.



| Size (Up To) | Prod. Code |
|-----------------|------------|
| 4"(100mm) | LBC100 |
| 6"(150mm) | LBC150 |
| 8"(200mm) | LBC200 |
| 9"(225mm) | LBC225 |
| 12"(300mm) | LBC300 |

| No of Slots | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|----------------|-----------------------|----------|----------|----------|----------|----------|------------|--------------|
| 2 | 2.0mm | Pre-Galv | 113 | 149 | 124 | 130 | 1 | 68 |
| 3 | 2.0mm | Pre-Galv | 113 | 149 | 124 | 180 | 1 | 50 |
| 4 | 2.0mm | Pre-Galv | 113 | 149 | 124 | 231 | 1 | 40 |
| 4 | 2.0mm | Pre-Galv | 113 | 149 | 124 | 257 | 1 | 40 |
| 5 | 2.0mm | Pre-Galv | 113 | 149 | 124 | 332 | 1 | 25 |

Minimum quantity supplied is one box.

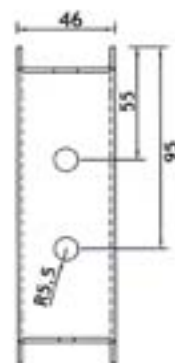
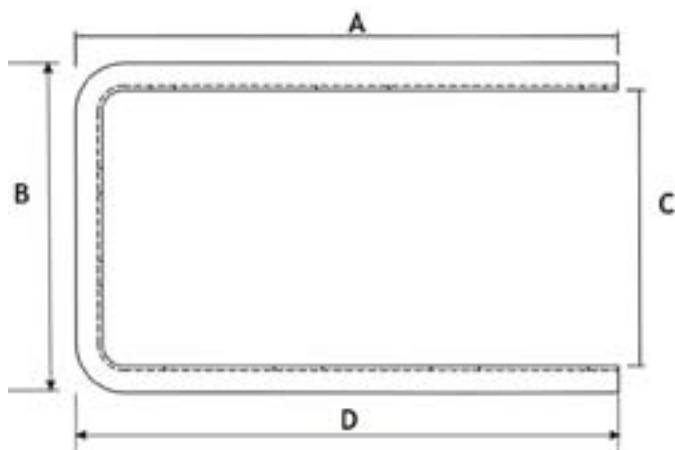
Ceiling Brackets

Equal Leg Ceiling Brackets



Features

- All the features and benefits of the LBC Brackets (previous page).
- Plus the ability to be suspended from either single centre support studding or from two drops of studding forming a trapezium. Either method retains the ability to side load the tray or basket.

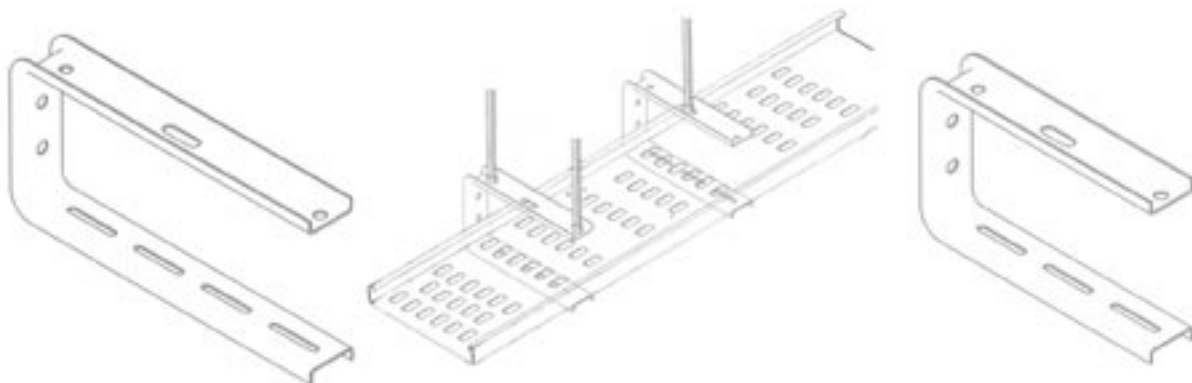


SBES300
Can be used to gate off the LBCEL Brackets.

| Size (Up To) | Prod. Code |
|--------------|------------|
| 9”(225mm) | LBCEL225 |
| 12”(300mm) | LBCEL300 |

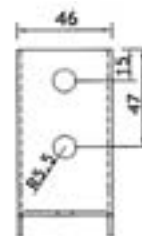
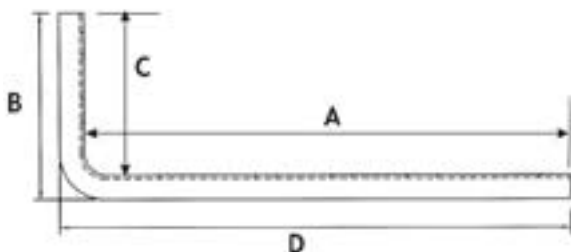
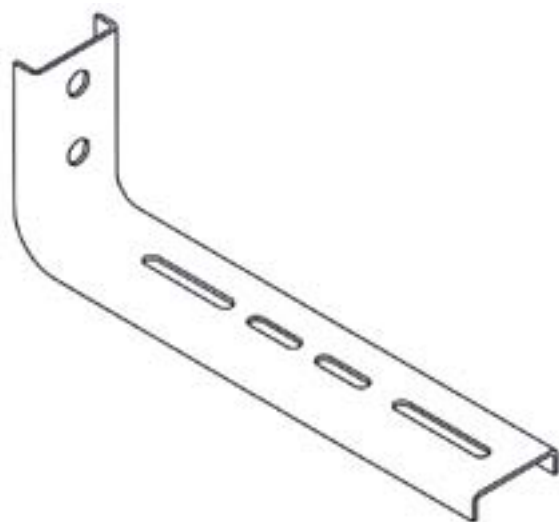
| No of Slots | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|-------------|--------------------|----------|-------|-------|-------|-------|---------|-----------|
| 3 | 2.0mm | Pre-Galv | 268 | 149 | 124 | 268 | 1 | 30 |
| 4 | 2.0mm | Pre-Galv | 113 | 149 | 124 | 321 | 1 | 30 |

Minimum quantity supplied is one box.



Wall Brackets

Angled Wall Brackets (LB)



Features

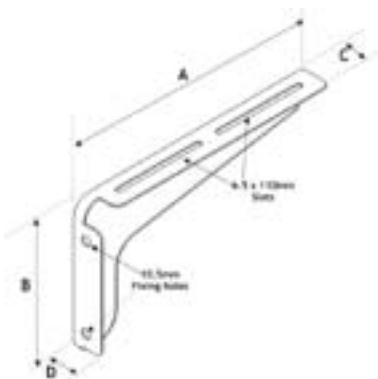
- Designed for lightweight support of cable tray and basket perpendicular to vertical walls.
- Will fit over 41mm wide strut using a standard bolt and spring nut (zebedee).
- Can be fitted directly to a wall using appropriate fixing methods.
- Fixing holes are M10 clearance.
- Elongated 6mm clearance slots for easy alignment of tray or basket.
- Clamps available for use with cable basket.

| Size (Up To) | Prod. Code |
|--------------|------------|
| 4"(100mm) | LB100 |
| 6"(150mm) | LB150 |
| 8"(200mm) | LB200 |
| 9"(225mm) | LB225 |
| 12"(300mm) | LB300 |

| No of Slots | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|-------------|--------------------|----------|-------|-------|-------|-------|---------|-----------|
| 2 | 2.0mm | Pre-Galv | 100 | 90 | 78 | 123 | 1 | 100 |
| 3 | 2.0mm | Pre-Galv | 150 | 90 | 78 | 175 | 1 | 100 |
| 4 | 2.0mm | Pre-Galv | 200 | 90 | 78 | 231 | 1 | 80 |
| 4 | 2.0mm | Pre-Galv | 225 | 90 | 78 | 249 | 1 | 80 |
| 5 | 2.0mm | Pre-Galv | 300 | 90 | 78 | 325 | 1 | 60 |

Minimum quantity supplied is one box.

Cantilever Brackets (CB)



Features

- Used for fixing cable tray and basket to vertical walls.
- Fixing holes are M10 clearance. Fixing slot is M6 clearance.
- The bracket is wide enough to fix on to strut.

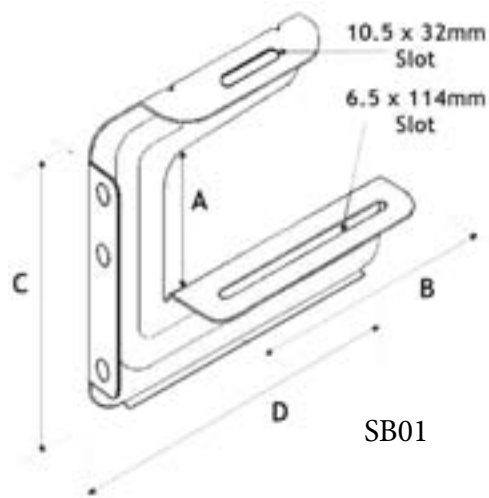
| Size (Up To) | Prod. Code |
|--------------|------------|
| 12"(300mm) | CB300 |

| No of Slots | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Inner Qty | Outer Qty |
|-------------|--------------------|----------|-------|-------|-------|-------|-----------|-----------|
| 2 | 2.0mm | Pre-Galv | 298 | 175 | 38 | 38 | 5 | 30 |

Minimum quantity supplied is one box.

Suspension Brackets

Standard Suspension Brackets



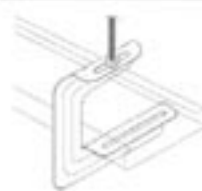
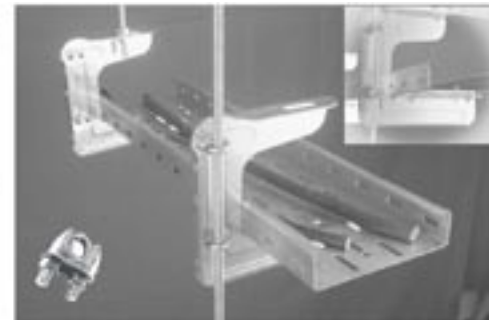
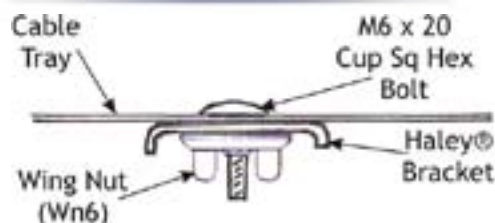
Features

- Designed for side loading of cable into tray or basket.
- SB03 fits to 41mm wide strut using a standard bolt and spring nut (zebedee).
- Can be fitted directly to a wall using any appropriate fixing method.
- Fixing holes are M10 clearance.
- Elongated 6mm clearance slots for easy alignment of tray or basket.
- Clamps available for use with cable basket.
- Test report available for the SB01.

| Size (Up To) | Prod. Code |
|---------------|------------|
| 6"(150mm) | SB01 |
| 12"(300mm) | SB03 |
| For SB03 | SBES300 |
| 8mm Rope Grip | WR24 |
| M6 Bolt/WN06 | FK001 |

| No of Slots | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|-------------------|--------------------|----------|--------------------------------|-------|-------|-------|---------|-----------|
| 1 | 2.0mm | Pre-Galv | 82 | 152 | 175 | 200 | 1 | 50 |
| 2 | 2.0mm | Pre-Galv | 82 | 300 | 182 | 355 | 1 | 20 |
| N/A | 1.6mm | Pre-Galv | Allows SB03 to be enclosed | | | | 20 | 160 |
| Fits M10 Studding | | Zinc | Allows SB01 to be retro-fitted | | | | 10 | 100 |
| N/A | N/A | Zinc | For simple clamping of tray | | | | 10 | 50 |

Minimum quantity supplied is one box.

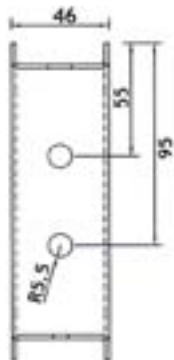
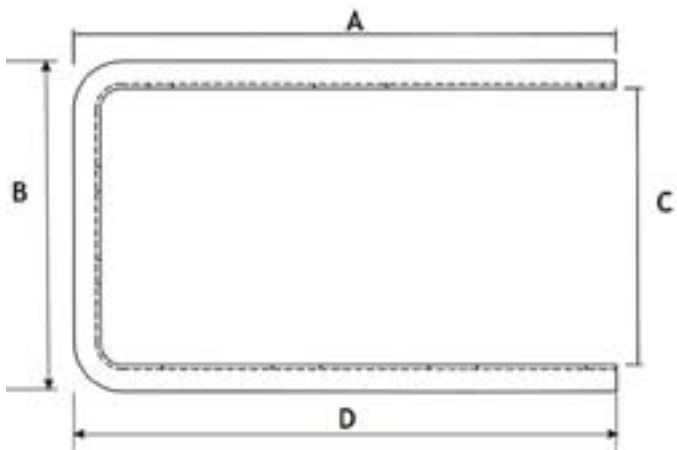


Suspension Brackets

Equal Leg Ceiling Brackets



- Features
- Designed for lightweight support of cable tray and basket.
 - Designed for side loading of cable into tray or basket.
 - Fits over 41mm strut using a standard bolt and spring nut(zebedee).
 - Can be fitted directly to a wall using any appropriate fixing method.
 - Elongated 6mm clearance slots for easy alignment.
 - Clamps available for use with cable basket.
 - All the features and benefits of the LBC Brackets plus the ability to be suspended from either single centre support studding or from two drops of studding forming a trapezium. Either method retains the ability to side load the tray or basket.

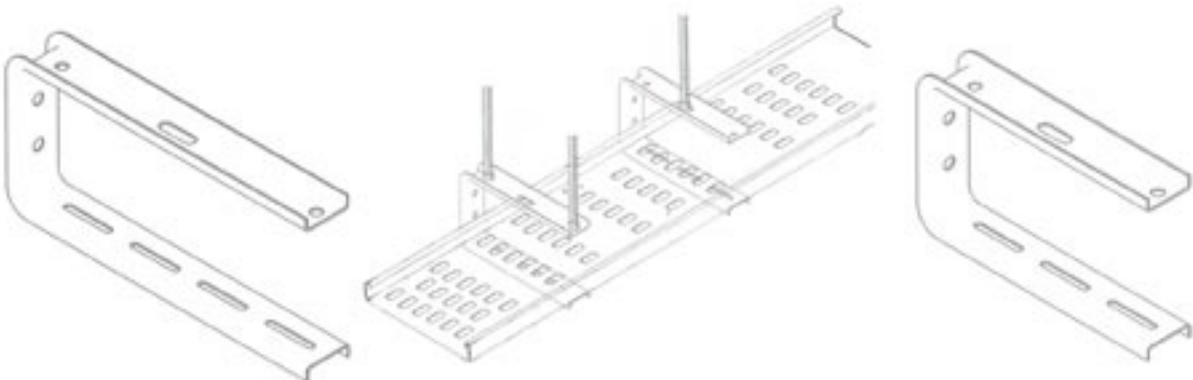


SBES300

Can be used to gate off the LBCEL Brackets.

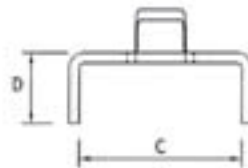
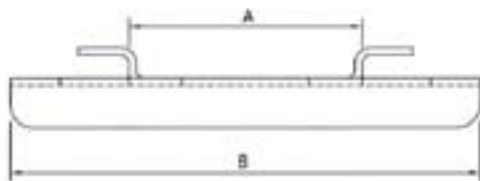
| Size (Up To) | Prod. Code | No of Slots | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|--------------|------------|-------------|--------------------|----------|-------|-------|-------|-------|---------|-----------|
| 9"(225mm) | LBCEL225 | 3 | 2.0mm | Pre-Galv | 268 | 149 | 124 | 268 | 1 | 30 |
| 12"(300mm) | LBCEL300 | 4 | 2.0mm | Pre-Galv | 113 | 149 | 124 | 321 | 1 | 30 |

Minimum quantity supplied is one box.



Cable Basket Support Brackets

Twist-in Suspension Brackets



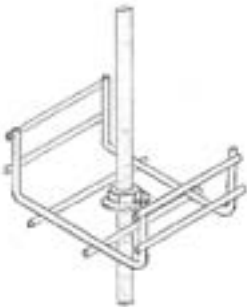
Features

- For centre suspension of cable basket.
- Twists into basket for simpler installation.
- Can accept an M10 nut or an M10 plain channel nut.
- Fixing slot is M10 clearance.
- Fixing slot : 10.5 x 24mm.

| Basket Size | Prod. Code |
|-------------|------------|
| 100/150mm | CSB1500 |
| 150mm * | CSB149A |
| 200mm | CSB2000 |
| 300mm | CSB3000 |

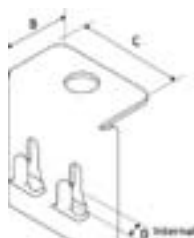
| Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|--------------------|----------|-------|-------|-------|-------|---------|-----------|
| 1.2mm | Pre-Galv | 44 | 89 | 21.7 | 9.5 | 100 | 500 |
| 1.2mm | Pre-Galv | 91 | 143 | 21.7 | 9.5 | 60 | 300 |
| 1.2mm | Pre-Galv | 144 | 189 | 21.7 | 9.5 | 50 | 250 |
| 1.6mm | Pre-Galv | 244 | 289 | 21.7 | 11.5 | 20 | 200 |

* Works with basket manufactured with a centre wire.
Minimum quantity supplied is one box.



Cable Basket Support Brackets

Side Suspension Brackets



Features

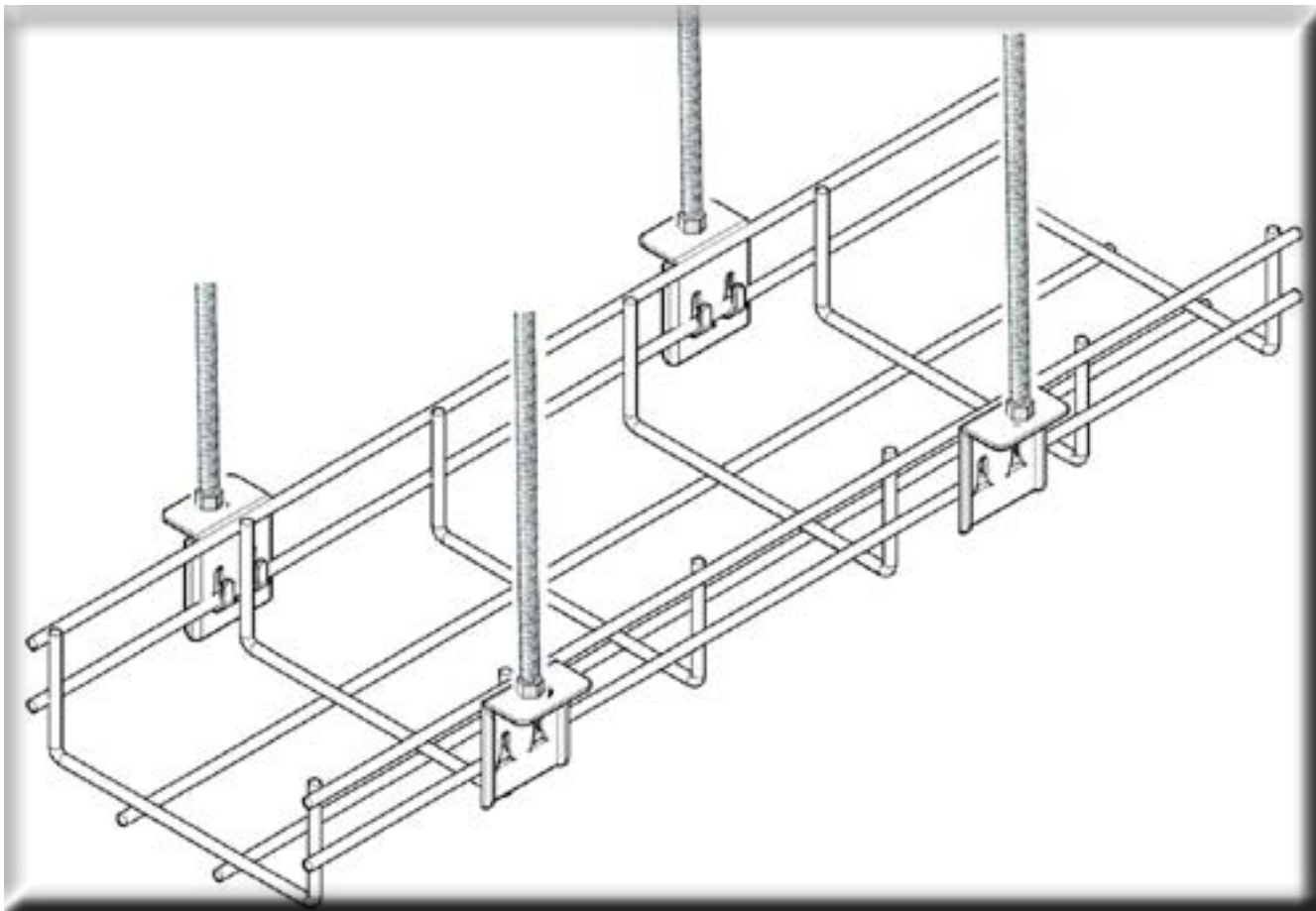
- Simple and economical side suspension bracket of cable basket.
- Basket wire sits into bracket for simpler installation and projection tabs can be crimped over .
- Can accept up to M10 bolt size.
- Works with most cable basket.
- One size - two finishes.

| Basket Size | Prod. Code |
|-------------|------------|
| 100/150mm | |
| 150mm | |

| Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|--------------------|--------------|-------|-------|-------|-------|---------|-----------|
| 1.5mm | Zinc Plated | 46.5 | 21 | 37.5 | 5.0 | 50 | 250 |
| 1.5mm | Yellow Pass. | 46.5 | 21 | 37.5 | 5.0 | 60 | 300 |

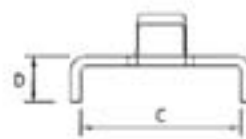
Works with basket manufactured with a centre wire.

Minimum quantity supplied is one box.



Cable Basket Support Brackets

Twist-in Support Brackets



Features

- Adapts all standard Haley® brackets to accept cable basket.
- Twists into basket for simpler hands free installation.
- Fixing slot is M6 clearance.
- Fixing slot : 6.5 x 20mm.
- 4 sizes available to work with all Haley® brackets.

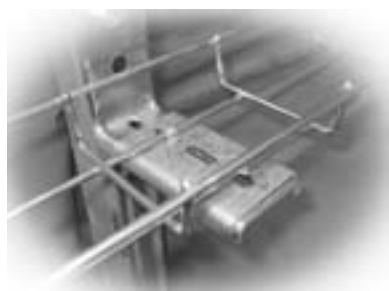
| Will Fit | Prod. Code |
|-----------------------------------|------------|
| All standard stand-off brackets | CAB2019 |
| All 42mm high standoff brackets | CAB2028 |
| 41mm wide framing channel (strut) | CAB2037 |
| All sizes of LB, LBC and LBCEL | CAB2046 |

| Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|--------------------|----------|-------|-------|-------|-------|---------|-----------|
| 1.6mm | Pre-Galv | 44 | 87 | 33 | 8.0 | 25 | 250 |
| 1.6mm | Pre-Galv | 44 | 87 | 44 | 8.0 | 25 | 250 |
| 1.6mm | Pre-Galv | 44 | 87 | 43 | 8.0 | 25 | 250 |
| 1.6mm | Pre-Galv | 44 | 87 | 21.7 | 8.0 | 20 | 200 |

Minimum quantity supplied is one box.

When fixing slots are off-centre eg. Under Floor and 42mm High Brackets, a self-drill screw is required.

Some typical applications



To LB and LBC Brackets



To framing channel (strut)



To Standard CTB's

Cable Basket Support Brackets

Cable Basket Adaptor Clip



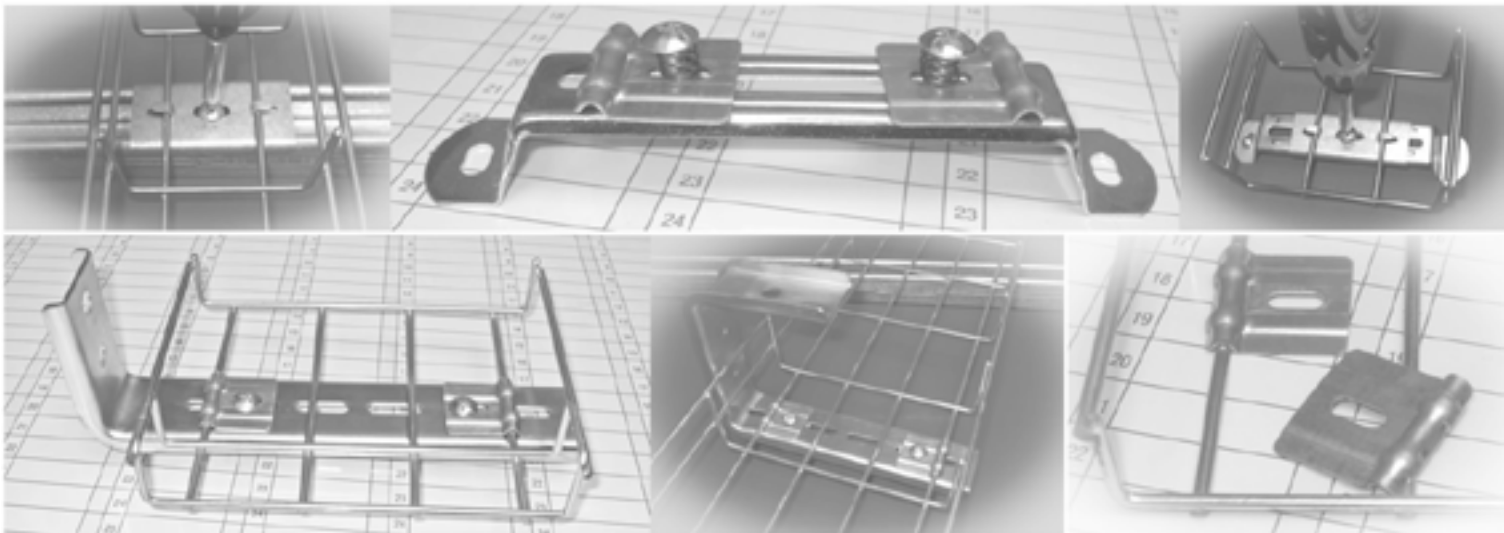
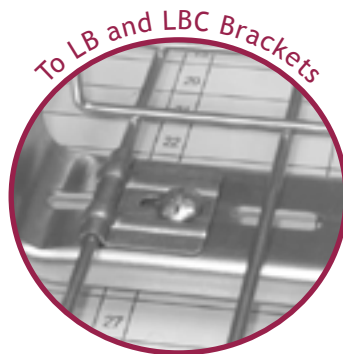
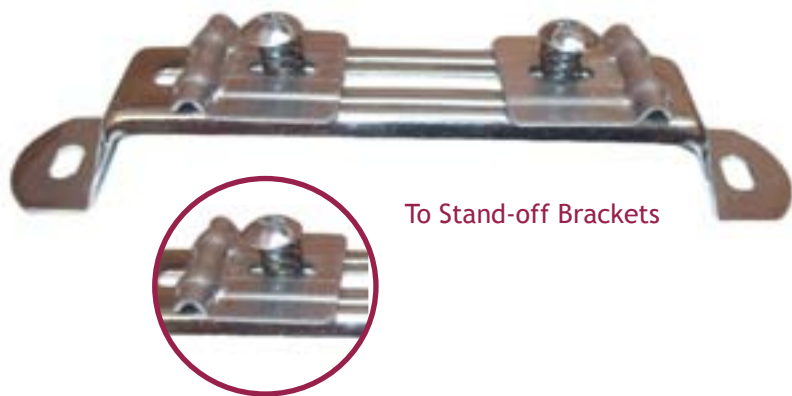
Features

- Adapts all standard Haley® to accept cable basket.
- Clamps down to 4.0mm Ø wire.
- Fixing slot is M6 clearance.
- Fixing slot : 6.5 x 15mm.
- 4 sizes available to work with all Haley® brackets.

| Will work in conjunction | Prod. Code |
|--------------------------|------------|
| All Haley® brackets | CAB1001 |

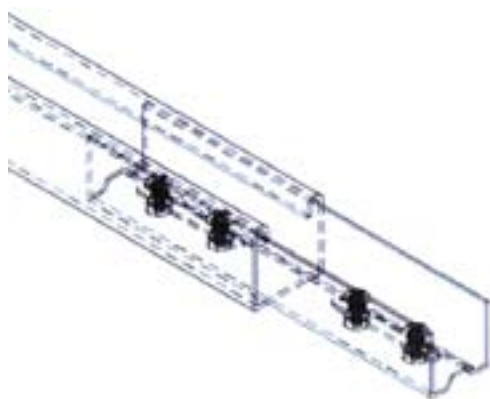
| Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|---------------------------------------|----------|-------|-------|-------|-------|---------|-----------|
| 1.6mm | Pre-Galv | 38 | 38 | 28 | 4.0 | 100 | 1000 |
| Minimum quantity supplied is one box. | | | | | | | |

Some typical applications



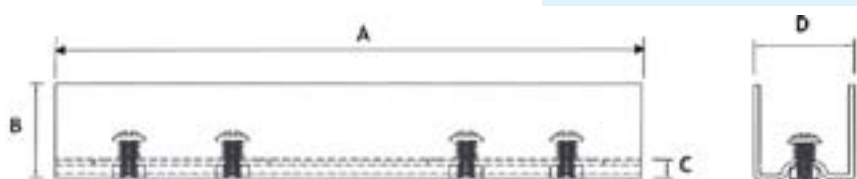
Framing Channel Accessories

Framing Channel Internal Connectors



Features

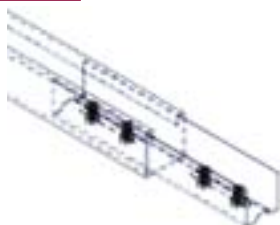
- Can work with plain or slotted Strut.
- Easy2fix. No more loosening small screws.
- Ready assembled with fixing screws and nuts in place i.e. no loose parts.
- Raised slots and spring loaded screws hold nuts in place.
- Faster installation time saves money.
- 2 sizes available for deep and shallow strut.



| Works with | Prod. Code | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|---------------------------|------------|--------------------|----------|-------|-------|-------|-------|---------|-----------|
| 41 x 41mm Framing Channel | HU670 | 2.0mm | Pre-Galv | 200 | 32.5 | 6.5 | 34 | 10 | 70 |
| 41 x 21mm Framing Channel | HU675 | 2.0mm | Pre-Galv | 200 | 14.5 | 6.5 | 34 | 10 | 80 |

Minimum quantity supplied is one box.

How it works



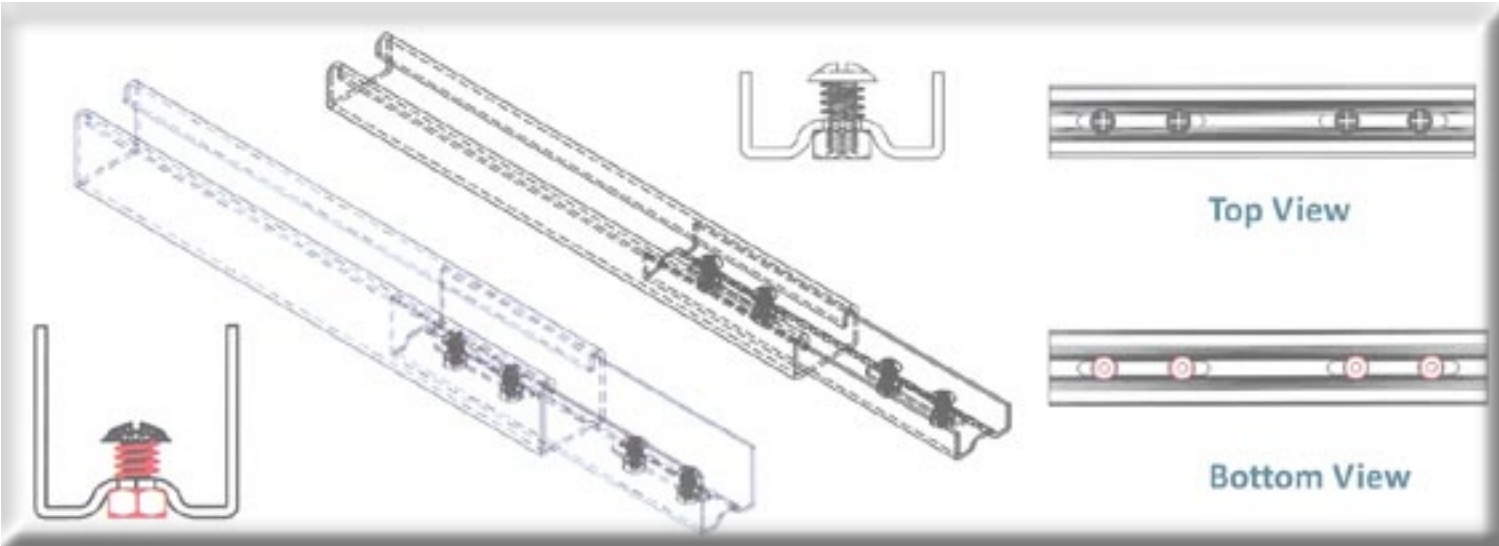
1) Slide the connector inside one of the lengths of strut to half the connectors length.



2) Tighten the two fixing screws until the connector is secure.

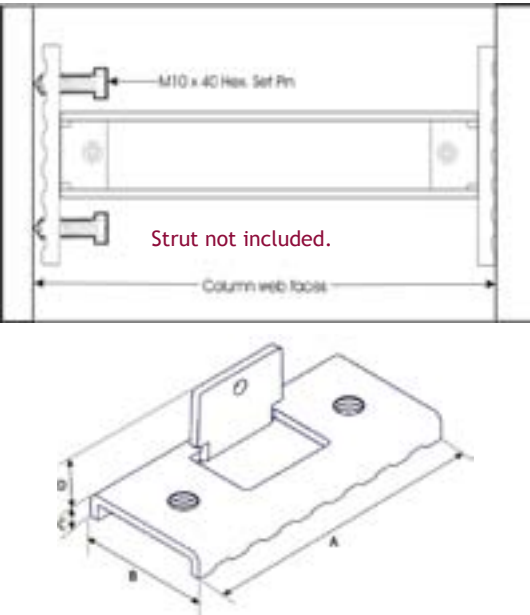


3) Repeat step 1 on the other piece of channel.



Framing Channel Accessories

Internal Column Strut Clamps



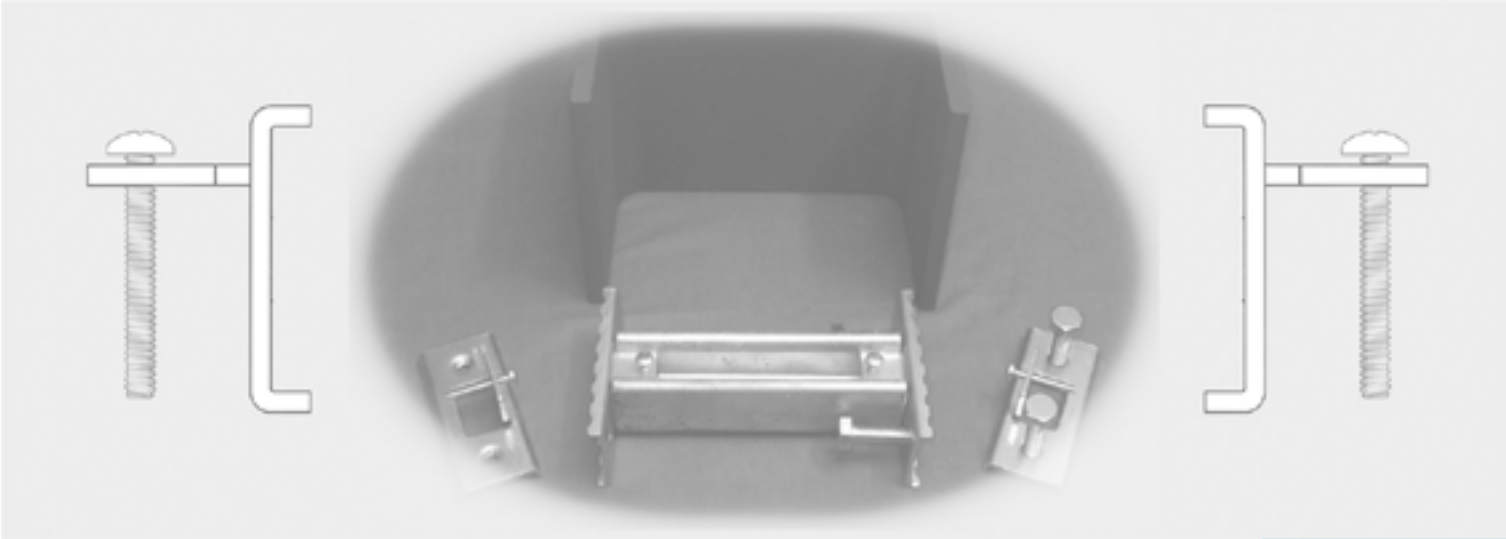
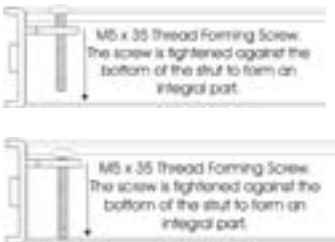
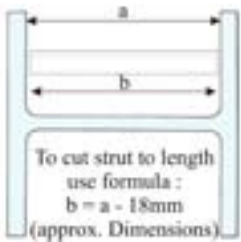
Features

- Ready assembled with screws and bolts in place i e no loose parts.
- Screws only need small turns to make one complete assembly.
- Easy2fix giving faster installation time and saves money.
- No loose parts to get lost once the unit has been assembled.
- The unit is assembled before being fitted between the column webs.

| Works with | Prod. Code | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty |
|---------------------------|------------|--------------------|-------------|-------|-------|-------|-------|---------|
| 41 x 41mm Framing Channel | HU308J | 4.0mm | Zinc Plated | 98 | 45 | 8.0 | 22 | 10 |

Minimum quantity supplied is one box.

How it works

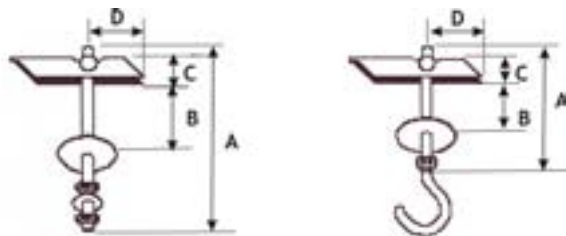


Toggle Bolts



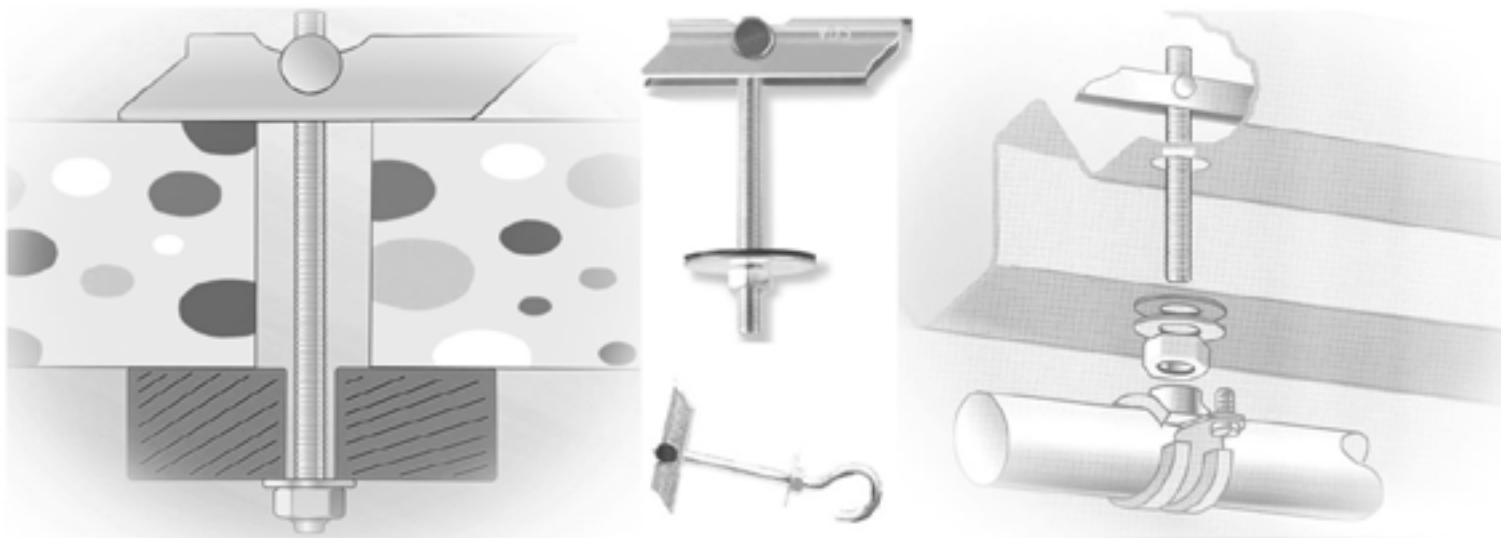
Features

- Toggle bolt for fastening on cavity walls and ceilings, suspended ceilings, and various sandwich elements.
- All toggle bolts listed guarantee evenly distributed pressure over a broad surface area and correspond to standard breaking forces.
- Other sizes and combinations, such as special thread lengths or toggle bolts for fastening from top to bottom, are available upon request.
- Versatile and easy to use.
- Made in Germany.



| Size | Prod. Code | Drill Size | Cavity Height | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty | Breaking Forces |
|--|------------|------------|---------------|----------|-------|-------|-------|-------|---------|-----------|-----------------|
| M5x100 Stud | HCF0024 | 15 | 70 | Pre-Galv | 100 | 75 | 12 | 27 | 10 | 100 | 5.0kN |
| M6x100 Stud | HCF0026 | 17 | 70 | Pre-Galv | 100 | 75 | 14 | 29 | 10 | 100 | 6.3kN |
| M8x100 Stud | HCF0028 | 20 | 75 | Pre-Galv | 100 | 70 | 16 | 32 | 10 | 50 | 13.0kN |
| Above complete with large plain 30mm Ø washer plus 2 nuts and one std. washer. | | | | | | | | | | | |
| M8x90 Hook | HCF1027 | 20 | 75 | Pre-Galv | 95 | 70 | 16 | 32 | 10 | 50 | 2.2kN |
| Above complete with large plain 30mm Ø washer plus 1 nut. | | | | | | | | | | | |

Minimum quantity supplied is one box.



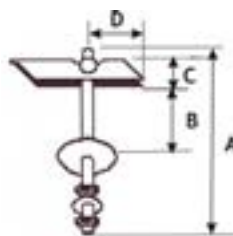
Fixings and Fasteners

Toggle Bolts with Approvals



Features

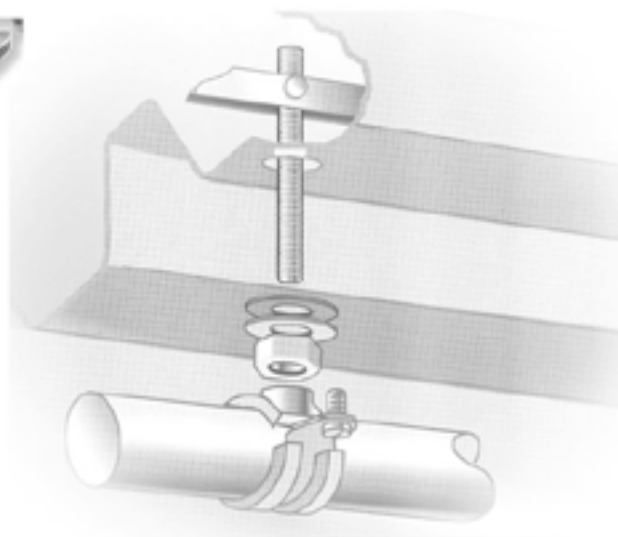
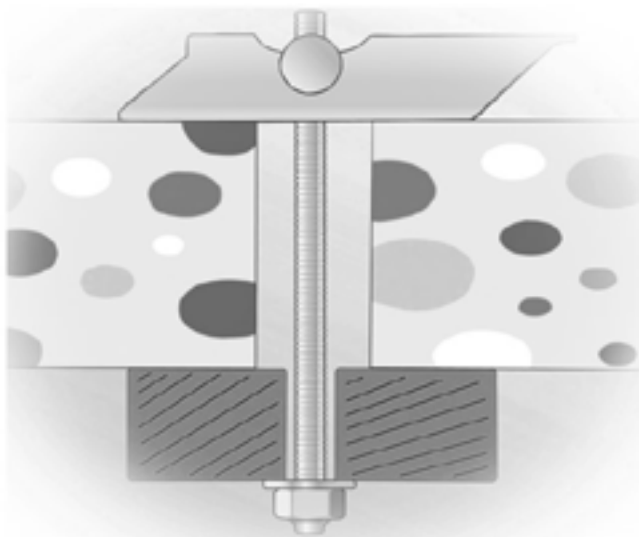
- Fixes pipes up to DN 50 mm, holding traverses, mounting rails, ventilation ducts, contact rails, track lighting, etc.
- The turnable threaded rod allows each point of attachment to be levelled individually and slopes created as required.
- The threaded rod is secured against unintentional removal.
- Made in Germany.



| Size | Prod. Code | Drill Size | Cavity Height | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty | Breaking Forces | Approvals |
|--------------|------------|------------|---------------|--------|-------|-------|-------|-------|---------|-----------|-----------------|-----------|
| M8x100 Stud | HCF2035 | 22 | 90 | Zinc | 100 | 70 | 20 | 35 | 10 | 50 | 6.3kN | VdS |
| M10x100 Stud | HCF2046 | 25 | 90 | Zinc | 100 | 70 | 20 | 35 | 5 | 25 | 13.0kN | VdS/FM |

Above complete with large plain 30mm Ø washer plus 2 nuts and one std. washer.

Minimum quantity supplied is one box.



Purlin Clips



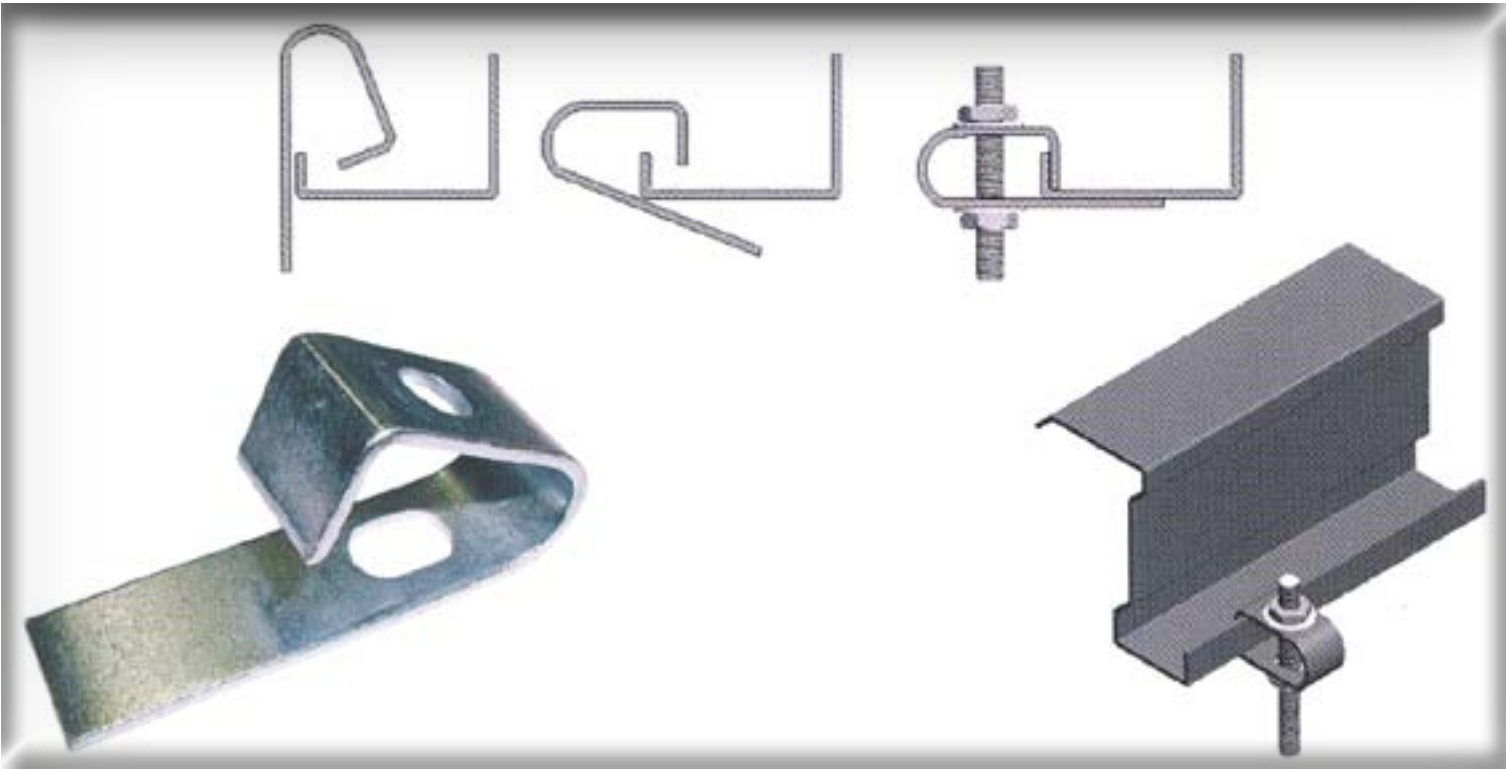
Features

- Simple and economical to use.
- Will work on most vertical flange purlins.
- The threaded rod is secured by using a nut and washer top and bottom.



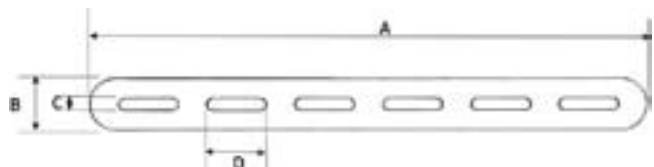
| Size | Prod. Code | Slot Size | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty |
|------|------------|-----------|--------------------|--------|-------|-------|-------|-------|---------|
| M10 | GHP10 | 12x17.5 | 3.0mm | Zinc | 25 | 77 | 85.5 | 49 | 100 |

Minimum quantity supplied is one box.



Miscellaneous Products

Repair Strap



Features

- A general purpose mild steel repair strap that can be bent, in a vice, used straight.

| Size | Prod. Code | Slot Size | Material Thickness | Finish | Dim A | Dim B | Dim C | Dim D | Box Qty | Outer Qty |
|-------|------------|-----------|--------------------|----------|-------|-------|-------|-------|---------|-----------|
| 270mm | RS270 | 7.0x30 | 2mm | Pre-galv | 270 | 24 | 7.0 | 30 | 25 | 100 |

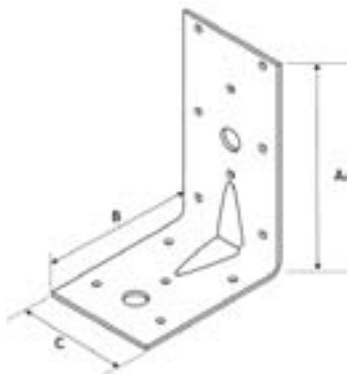
Minimum quantity supplied is one box.

Angled Brackets



Features

- General purpose mild steel angled brackets that have various applications.
- Two sizes available.



| Size | Prod. Code |
|--------|------------|
| 90x90 | JHA09090 |
| 90x120 | JHA12090 |

| Slot Size | Material Thickness | Finish | Dim A | Dim B | Dim C | Box Qty | Outer Qty |
|-----------|--------------------|----------|-------|-------|-------|---------|-----------|
| 12x17.5 | 1.5mm | Pre-galv | 90 | 90 | 62.5 | 100 | 1000 |
| 12x17.5 | 1.5mm | Pre-galv | 120 | 90 | 62.5 | | |

Minimum quantity supplied is one box.