

## Double Cantilever Arm — Back to Back (HDG)

Heavy Duty 2.5mm Mild Steel | 41 × 41mm Channel Welded Back-to-Back | Hot Dip Galvanised | Fits up to M12 | Internal & External

Direct Channel Back-to-Back Cantilever Arms are heavy-duty support arms formed from two 41 × 41mm channel profiles welded back-to-back and welded to an 8mm thick two-hole back plate. Hot Dip Galvanised (HDG) for corrosion resistance, they are suitable for both internal and external installations.

The back plate (150mm × 45mm) carries 2 × 14mm holes for fixings up to M12, bolting directly to strut channel or structure. Ideal for trapeze assemblies, cable tray / ladder and pipework support. Compatible with standard 41mm channel systems; sold individually. Available in 300mm to 900mm projections.

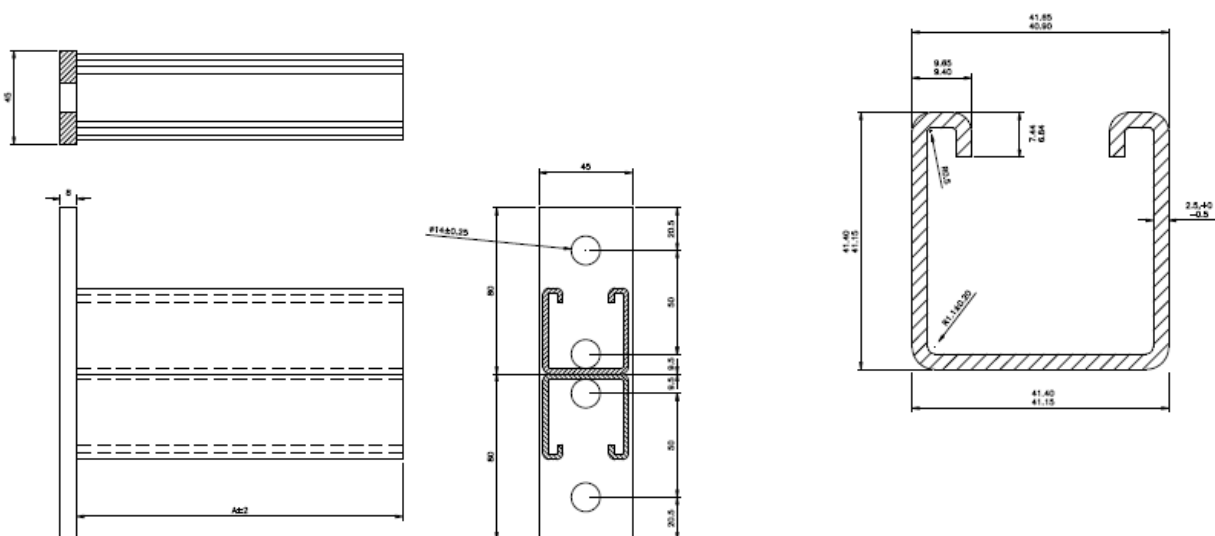
SPECIFICATION	
Product Type	Twin (back-to-back) cantilever arm
Material	2.5mm Mild Steel
Finish	Hot Dip Galvanised (HDG)
Channel Profile	41 × 41mm, welded back-to-back
Back Plate	8mm thick, 150 × 45mm, 2-hole
Fixing Holes	2 × 14mm — fits up to M12
Projections	300, 450, 600, 750, 900
Use	Internal & external
Compatibility	Standard 41mm channel & brackets
Supply	Sold individually

### KEY FEATURES

- Twin 41 × 41mm channel welded back-to-back — high rigidity
- Heavy-duty 2.5mm mild steel construction
- Hot Dip Galvanised (HDG) — corrosion resistant
- 8mm thick 2-hole back plate (150 × 45mm)
- 2 × 14mm fixing holes — suit up to M12 bolt
- Five projections: 300, 450, 600, 750, 900mm
- Suitable for internal & external use
- Compatible with standard 41mm channel & brackets

### TECHNICAL DRAWING

DIM.	PARAMETERS						
*A*	150	300	450	600	750	900	1000



MATERIAL: MILD STEEL

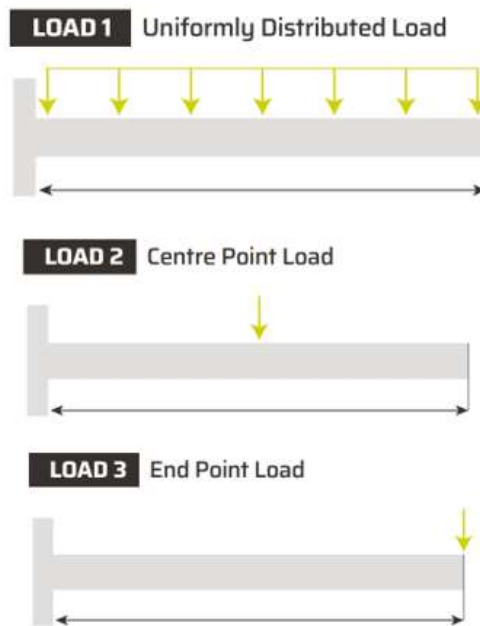
**TOLERANCE - U.N.O**  
**DIMS.** - ±1mm  
**ANGLES** - ±0.5°

Back-to-back cantilever arm — dimensions in mm, not to scale.

**AVAILABLE SIZES & LOAD RATINGS**

Code	Projection	LOAD 1 — UDL (kN)	LOAD 2 — Centre (kN)	LOAD 3 — End (kN)	Finish
CLA300BB	300mm	5.53	5.53	2.76	HDG
CLA450BB	450mm	3.66	3.66	1.87	HDG
CLA600BB	600mm	2.76	2.76	1.36	HDG
CLA750BB	750mm	2.20	2.20	1.09	HDG
CLA900BB	900mm	-	-	-	HDG

LOAD 1 = Uniformly Distributed Load · LOAD 2 = Centre Point Load · LOAD 3 = End Point Load. Figures are guidance load ratings in kN — verify against project requirements and apply an appropriate factor of safety. Load data for CLA900BB available on request.


**TYPICAL APPLICATIONS**

Trapeze and cantilever bracket assemblies Cable tray, ladder and basket support Pipework and conduit support off walls or columns	HVAC and M&E plant support External and exposed structural fixing (HDG) Building services and plant-room installations
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**To Order:** Visit [directchannel.uk.com](http://directchannel.uk.com) or call **0121 270 8507** | Trade & bulk enquiries: [sales@directchannel.uk.com](mailto:sales@directchannel.uk.com) | Most orders dispatched same or next working day.

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