

Pre-Galvanised (PG) Strut Channel - 41 × 41mm

Plain & Slotted | 2.5mm Heavy Duty & 1.5mm Light Duty | BS6946:1988

Direct Channel Pre-Galvanised (PG) 41×41mm Strut Channel is a roll-formed mild steel structural support channel with a pre-applied zinc coating, manufactured to BS6946:1988. The 41×41mm profile is the industry-standard full-depth channel used throughout mechanical, electrical, HVAC, and structural support installations.

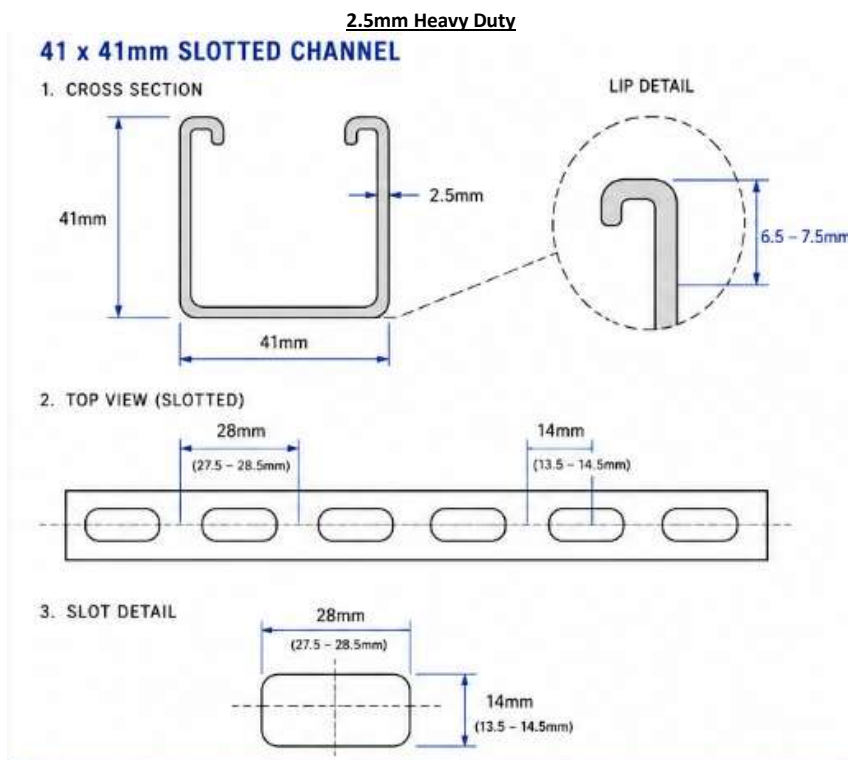
Available in 2.5mm heavy duty and 1.5mm light duty, in plain and slotted configurations, across a full range of stock lengths. Cut to length is available from 200mm to 6000mm — contact us for details.

SPECIFICATION	
Profile	41 × 41mm strut channel
Material	Mild Steel
Finish	Pre-Galvanised (PG)
Standard	BS6946:1988
Thickness	2.5mm (heavy duty) or 1.5mm (light duty)
Channel Width	40.9 – 41.7mm
Channel Height	40.6 – 41.4mm
Return Lip	6.5 – 7.5mm
Slot Width	13.5 – 14.5mm (slotted variants)
Slot Length	27.5 – 28.5mm (slotted variants)
Stock Lengths	1m, 2m, 3m, 4m, 5m, 6m (+ 500mm & 1.5m for selected)
Cut to Length	200mm – 6000mm available

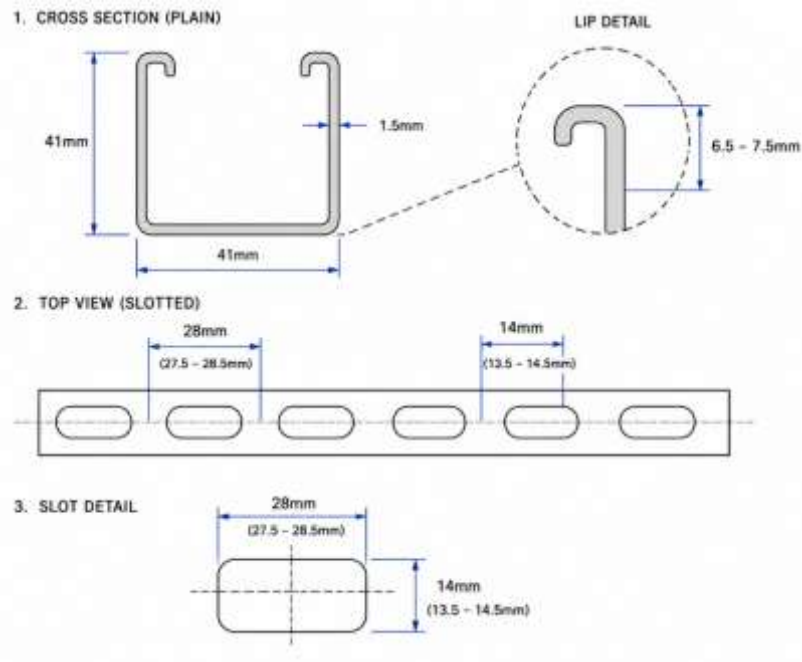
KEY FEATURES

- Pre-Galvanised zinc coating applied before roll forming
- BS6946:1988 cold formed steel standard
- 2.5mm heavy duty and 1.5mm light duty available
- Plain and slotted variants across all stock lengths
- Stock lengths: 500mm, 1m, 1.5m, 2m, 3m, 4m, 5m, 6m
- Cut to length: 200mm to 6000mm available
- 41×41mm — compatible with all P1000-type accessories
- Return lip 6.5–7.5mm — suits all standard channel nuts and washers

TECHNICAL DRAWING



1.5mm Light Duty



DIMENSIONAL TOLERANCES

Dimension	2.5mm Heavy Duty	1.5mm Light Duty
Channel Width	40.9 – 41.7mm	40.9 – 41.7mm
Channel Height	40.6 – 41.4mm	40.6 – 41.4mm
Steel Thickness	2.5mm	1.5mm
Return Lip	6.5 – 7.5mm	6.5 – 7.5mm
Slot Width (slotted)	13.5 – 14.5mm	13.5 – 14.5mm
Slot Length (slotted)	27.5 – 28.5mm	27.5 – 28.5mm

AVAILABLE SIZES — FULL PRODUCT RANGE

SKU / Part No.	Length	Profile	Type	Thickness	Description
2.5mm Heavy Duty — Plain					
CP41-1	1m	41×41mm	Plain	2.5mm	41×41mm PG Plain Channel 2.5mm — 1 Metre
CP41-2	2m	41×41mm	Plain	2.5mm	41×41mm PG Plain Channel 2.5mm — 2 Metre
CP41	3m	41×41mm	Plain	2.5mm	41×41mm PG Plain Channel 2.5mm — 3 Metre
CP41-4	4m	41×41mm	Plain	2.5mm	41×41mm PG Plain Channel 2.5mm — 4 Metre
CP41-5	5m	41×41mm	Plain	2.5mm	41×41mm PG Plain Channel 2.5mm — 5 Metre
CP41-6	6m	41×41mm	Plain	2.5mm	41×41mm PG Plain Channel 2.5mm — 6 Metre
2.5mm Heavy Duty — Slotted					
CS41-1	1m	41×41mm	Slotted	2.5mm	41×41mm PG Slotted Channel 2.5mm — 1 Metre
CS41-2	2m	41×41mm	Slotted	2.5mm	41×41mm PG Slotted Channel 2.5mm — 2 Metre

CS41.1500	1.5m	41x41mm	Slotted	2.5mm	41x41mm PG Slotted Channel 2.5mm — 1.5 Metre
CS41	3m	41x41mm	Slotted	2.5mm	41x41mm PG Slotted Channel 2.5mm — 3 Metre
CS41-4	4m	41x41mm	Slotted	2.5mm	41x41mm PG Slotted Channel 2.5mm — 4 Metre
CS41-5	5m	41x41mm	Slotted	2.5mm	41x41mm PG Slotted Channel 2.5mm — 5 Metre
CS41-6	6m	41x41mm	Slotted	2.5mm	41x41mm PG Slotted Channel 2.5mm — 6 Metre
1.5mm Light Duty — Plain					
CP41L-1	1m	41x41mm	Plain	1.5mm	41x41mm PG Plain Channel 1.5mm — 1 Metre
CP41L-2	2m	41x41mm	Plain	1.5mm	41x41mm PG Plain Channel 1.5mm — 2 Metre
CP41L	3m	41x41mm	Plain	1.5mm	41x41mm PG Plain Channel 1.5mm — 3 Metre
CP41L-4	4m	41x41mm	Plain	1.5mm	41x41mm PG Plain Channel 1.5mm — 4 Metre
CP41L-5	5m	41x41mm	Plain	1.5mm	41x41mm PG Plain Channel 1.5mm — 5 Metre
CP41L-6	6m	41x41mm	Plain	1.5mm	41x41mm PG Plain Channel 1.5mm — 6 Metre
1.5mm Light Duty — Slotted					
CS41L.500	500mm	41x41mm	Slotted	1.5mm	41x41mm PG Slotted Channel 1.5mm — 500mm
CS41L-1	1m	41x41mm	Slotted	1.5mm	41x41mm PG Slotted Channel 1.5mm — 1 Metre
CS41L-2	2m	41x41mm	Slotted	1.5mm	41x41mm PG Slotted Channel 1.5mm — 2 Metre
CS41L	3m	41x41mm	Slotted	1.5mm	41x41mm PG Slotted Channel 1.5mm — 3 Metre
CS41L-4	4m	41x41mm	Slotted	1.5mm	41x41mm PG Slotted Channel 1.5mm — 4 Metre
CS41L-5	5m	41x41mm	Slotted	1.5mm	41x41mm PG Slotted Channel 1.5mm — 5 Metre
CS41L-6	6m	41x41mm	Slotted	1.5mm	41x41mm PG Slotted Channel 1.5mm — 6 Metre

Cut to length available: 200mm – 6000mm. Priced on application — contact sales@directchannel.uk.com or call 0121 270 8507.

TYPICAL APPLICATIONS

Mechanical and electrical (M&E) support frameworks
 HVAC ductwork, pipework, and equipment suspension
 Cable containment tray, basket tray, and ladder rack support

Industrial racking, shelving, and structural frameworks
 Compatible with all P1000-type channel nuts and accessories
 Construction, building services, and plant room installations

To Order: Visit directchannel.uk.com or call **0121 270 8507** | Trade & bulk enquiries: sales@directchannel.uk.com | Most orders dispatched same or next working day.

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