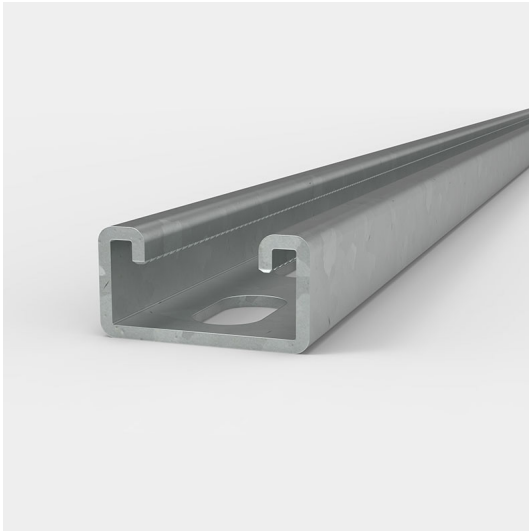


## 41mm x 21mm x 3m Heavy Gauge Slotted Pre-Galv Channel

Product Code: 10710



### Description

Slotted steel channel pre-galvanised

### Material

2.5mm thick steel

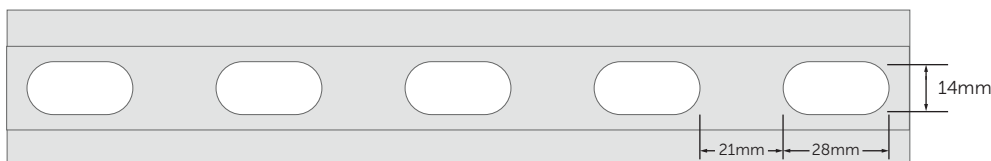
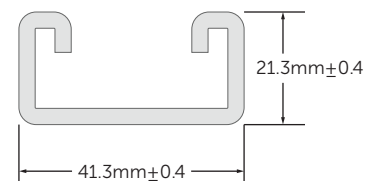
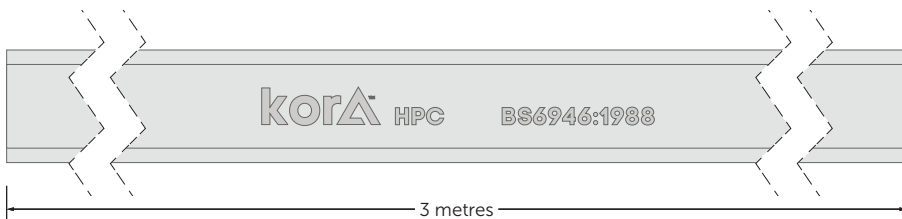
### Dimensions

41mm x 21mm x 3m

### Finish

Pre-Galvanised Zinc-plated  $\geq 19\mu\text{m}$

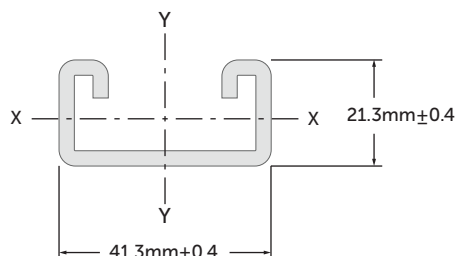
- Pack quantity 50 - Supplied separately
- Conforms to BS 6946:1988
- Each length is marked Kora HPC for traceability
- Teeth for ease of channel nut installation
- Very high grade galvanisation



## Application

- Suspend services including electrical, pipework, sprinklers and ventilation systems.
- Enable frames to be built as freestanding units for supporting building services.
- Cut to required length for convenience, protect cut ends using a galvanising paint.

## Load Data



### Section properties

|        |                     |
|--------|---------------------|
| Area   | 2.46cm <sup>2</sup> |
| Weight | 1.90kg/m            |
| I x-x  | 1.40cm <sup>4</sup> |
| Z x-x  | 1.70cm <sup>3</sup> |
| r x-x  | 0.75cm              |
| I y-y  | 5.88cm <sup>4</sup> |
| Z y-y  | 3.54cm <sup>3</sup> |
| r y-y  | 1.55cm              |

| Length (mm) | Max Uniform Load (kg) | Deflection at Max Load (mm) | Column Max Load (kg) |
|-------------|-----------------------|-----------------------------|----------------------|
| 500         | 280                   | 1.18                        | 3060                 |
| 1000        | 140                   | 5.08                        | 2040                 |
| 1500        | 95                    | 12.28                       | -                    |
| 2000        | 70                    | 22.36                       | -                    |
| 2500        | 55                    | 35.72                       | -                    |
| 3000        | 45                    | 52.80                       | -                    |

| Material                                                                                                                                              | Coating                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="text-align: center;"> <br/> <b>A</b><br/> Steel </div> | <div style="text-align: center;"> <br/> <b>Z</b><br/> ZINC<br/> Pre-Galvanised<br/> Zinc-plated ≥ 19µm </div> |