

**Product Code:**

TS41P-3/ZM

**Product Range:**Strut Channel, Zinc Magnesium,  
Strut Channel & Support**Issue Date:**

3/9/2025

**Description:**

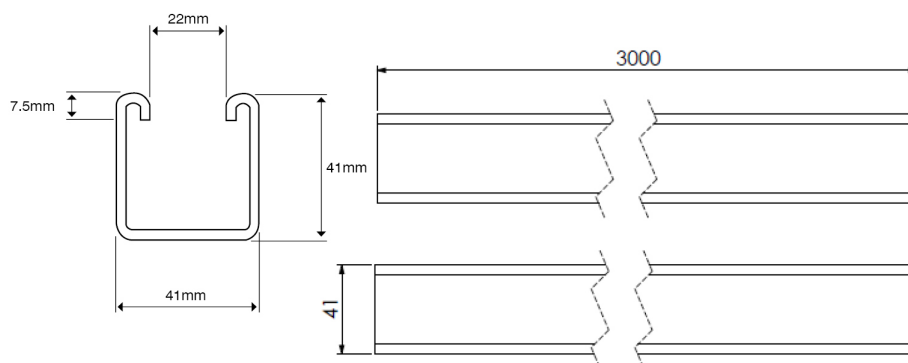
41mm x 41mm Zinc Magnesium Plain Channel (3m Length)

**Features:**

- Plain and Slotted channel available.
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade zinc magnesium steel strip to BS EN 10346:2015.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied in 3 metre length.
- Wide range of external brackets available for use with strut frame work.
- Tamlex strut framework can be ordered pre-cut to any length to suit customer requirements.
- Can be powder coated to customer specific RAL colour.

**Technical:****Product Type** Strut Channel**Width** 41mm**Height** 41mm**Length** 3000mm**Weight** 5.94 Kgs**Gauge** 2.5mm**Material** Zinc Magnesium Steel ZM310**Colour/Finish** Self Colour**Standards** BS 6946:1988

The approximate weights given are for pre-galvanised finish only, in kilograms (nominal) and subject to material thickness tolerance.



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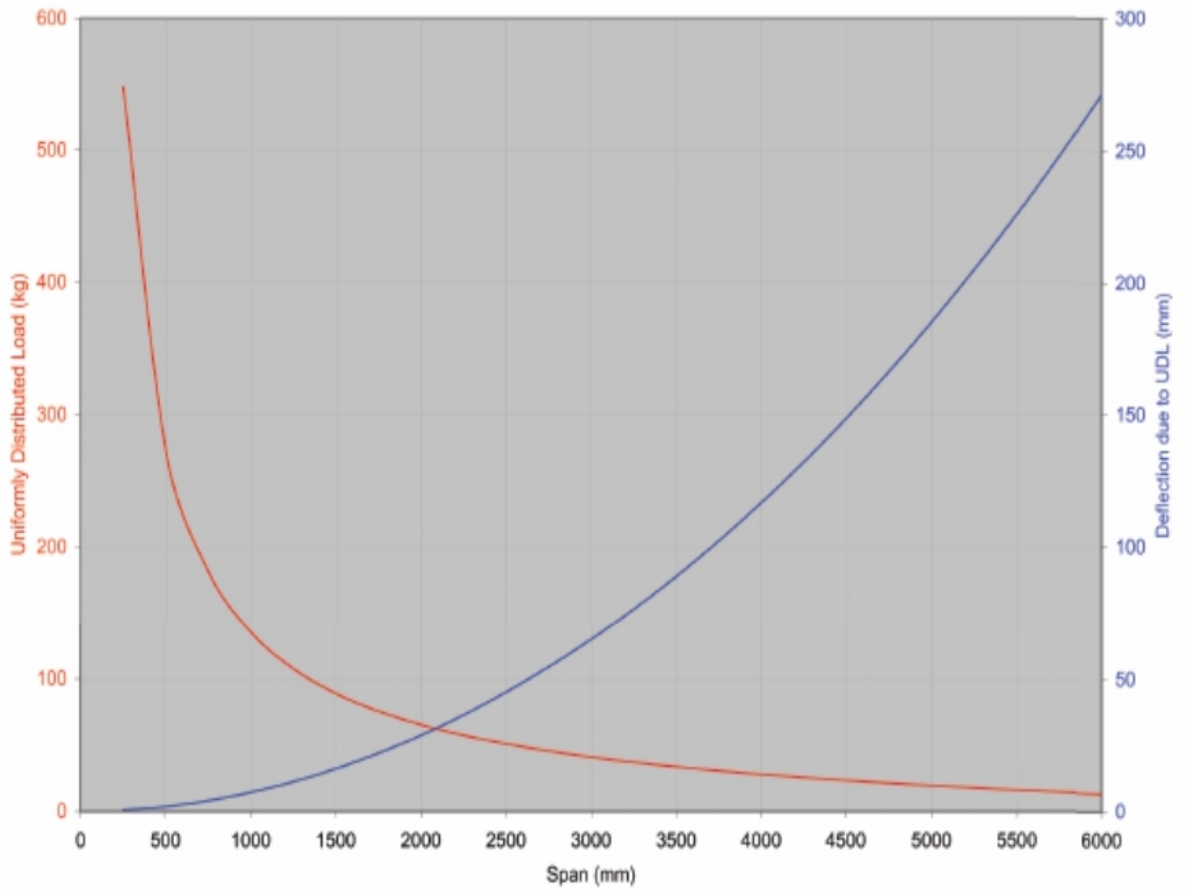
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# Tamlex Data Sheet

**Plain 41x21x2.5 thk. (Mass 1.81kg/m)**

| Beam Span<br>(mm) | Ultimate Loading        |                 | Limit Def. Span/200 |                 | Limit Def. Span/360 |                 |
|-------------------|-------------------------|-----------------|---------------------|-----------------|---------------------|-----------------|
|                   | Total Applied Load (kg) | Total Def. (mm) | Applied UDL (kg)    | Total Def. (mm) | Applied UDL (kg)    | Total Def. (mm) |
| 250               | 547.3                   | 0.4             |                     |                 |                     |                 |
| 500               | 273.0                   | 1.8             |                     |                 | 213.0               | 1.4             |
| 750               | 181.4                   | 4.0             | 169.8               | 3.8             | 93.7                | 2.1             |
| 1000              | 135.3                   | 7.1             | 94.5                | 5.0             | 51.7                | 2.8             |
| 1250              | 107.6                   | 11.1            | 59.4                | 6.3             | 32.0                | 3.5             |
| 1500              | 88.9                    | 16.1            | 40.1                | 7.5             | 21.1                | 4.2             |
| 1750              | 75.5                    | 21.9            | 28.3                | 8.8             | 14.3                | 4.9             |
| 2000              | 65.3                    | 28.6            | 20.4                | 10.0            | 9.8                 | 5.6             |
| 2250              | 57.3                    | 36.3            | 14.9                | 11.3            | 6.5                 | 6.3             |
| 2500              | 50.8                    | 44.9            | 10.9                | 12.5            | 4.0                 | 6.9             |
| 2750              | 45.4                    | 54.4            | 7.8                 | 13.8            | 2.1                 | 7.6             |
| 3000              | 40.9                    | 64.9            | 5.3                 | 15.0            | 0.5                 | 8.3             |
| 3250              | 37.0                    | 76.4            | 3.2                 | 16.3            |                     |                 |
| 3500              | 33.6                    | 88.9            | 1.5                 | 17.5            |                     |                 |
| 3750              | 30.6                    | 102.3           | 0.1                 | 18.8            |                     |                 |
| 4000              | 27.9                    | 116.8           |                     |                 |                     |                 |
| 4250              | 25.5                    | 132.3           |                     |                 |                     |                 |
| 4500              | 23.3                    | 148.8           |                     |                 |                     |                 |
| 4750              | 21.3                    | 166.4           |                     |                 |                     |                 |
| 5000              | 19.5                    | 185.1           |                     |                 |                     |                 |
| 5250              | 17.8                    | 204.9           |                     |                 |                     |                 |
| 5500              | 16.2                    | 225.8           |                     |                 |                     |                 |
| 5750              | 14.7                    | 247.9           |                     |                 |                     |                 |
| 6000              | 13.3                    | 271.2           |                     |                 |                     |                 |



**Load, Span & Deflection Graph**

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