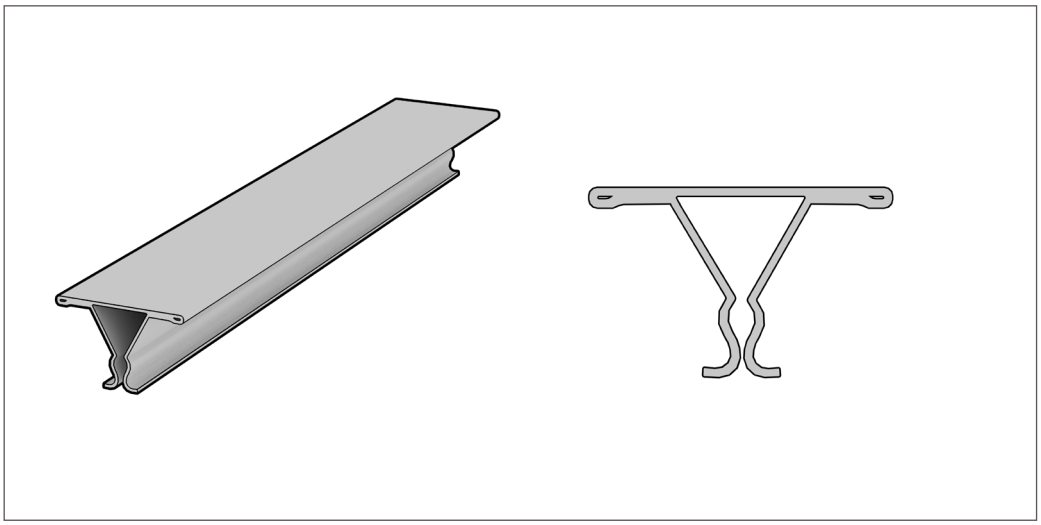
GRIDS & SUSPENSIONS

SPRING T FOR METAL CEILING PANELS



PRODUCT CATEGORY

Spring T Channels are concealed profiles that are attached to the main primary channels through wire connecting clips and have a main role to clamb the edge of the ceiling panels tightly at a define ceiling module interval.

DIMENSIONS

Thickness: 0.50, 0.55 and 0.60 mm
Length: 3,000 mm standard
Width: 41.6 mm
Height: 41.6 x 25 mm

MATERIAL PROPERTIES

Yield stress, FY 33 ksi Ultimate, with G40-G90 Zinc coating

ASTM & CODE STANDARDS

- Spring T Channels are produced to meet or exceed ASTM C635
- Galvanized sheet steel meets or exceeds requirements of ASTM A-653

SECTION & MATERIAL PROPERTIES TABLE NOTES

									Steel Mechanical Properties		
Type	Thickness (mm)	Spring T Cross Section Height (mm)	Spring T Depth (mm)	Section Area (mm^2)	Centroid (mm)	Moment of inertia(Ixx) (mm^4)	Section Modulus (Sx)(mm^3)	Radius of Gyration (mm)	Yield strength N/mm^2	Tensile strength N/mm^2	Elongation (%)
Spring T	0.50	41.60	25	63	8.75	5,062.00	289.15	8.96	297-308	366-372	29-30
	0.55			69.3	8.76	5,524.00	315.80	8.93	297-308	366-372	30-31
	0.60			75.6	8.76	5,978.00	342.13	8.89	297-308	366-372	30-31

GREEN BENEFITS AND RECYCLED CONTENT

LEED Credit MR 2 – USG products are manufactured from coldformed steel. Steel is 100% recyclable, which helps divert debris from the waste stream.
LEED Credit MR 4 – USG's steel products have a minimum of 25.5% post-consumer recycled content, and 6.8% pre-consumer.

REFERENCES

For further health and safety instructions, refer to the Safety Data Sheet (SDS) for this product, available from your USG Middle East sales office or **USGme.com**

Notice:
As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to **usgme.com** for the updated products information document.

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