

## Trident<sup>φ</sup>grid

### NARROWLINE STEEL GRID SYSTEM



Trident is a lightweight, sturdy steel suspension system suited to the NCS range of ceiling panels. These systems meet the requirements of Australian Standard AS/NZS 2785:2020 Suspended Ceilings Design and Installation.


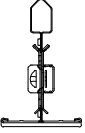
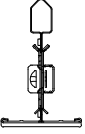

#### APPLICATIONS:

- Offices
- Conference rooms
- Classrooms
- Hospitality & retail areas
- Clinics

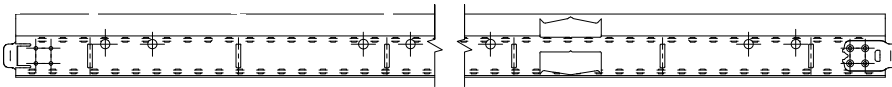
#### SHORT SPECIFICATION

Suspended ceiling shall comprise NCS Trident Narrowline steel two-way exposed grid system, 15mm face in white. All NCS grid materials meet requirements of the Australian Standard AS/NZS 2785:2020 Suspended Ceilings Design and Installation.

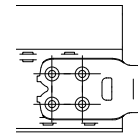
# SECTION DETAILS

SECTION	PART	CONNECTION	BOX QTY	COLOUR	DIMENSIONS	LENGTH	PIECES / 100m <sup>2</sup>	ITEM NO.
	Main tee	Bulb-to-bulb	20	White	15 × 43mm	3600mm	23	NTMT3615W
				Black				NTMT3615B
	Cross tee	High grade steel stab	60	White	15 × 43mm	1200mm	136	NTCT1215W
				Black				NTCT1215B
	Cross tee	High grade steel stab	60	White	15 × 43mm	600mm	136	NTCT6015W
				Black				NTCT6015B
	Wall angle		30	White	32 × 19mm	3600mm	Varies	NTWA36W
				Black	22 × 22mm			NTWA36B

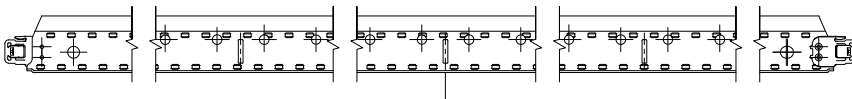
## MAIN TEE



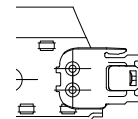
## HOOK



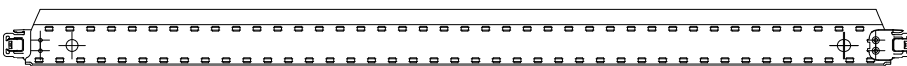
## CROSS TEE 1200



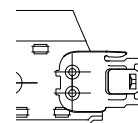
## SS TAB



## CROSS TEE 600



## SS TAB



## CLEANING RECOMMENDATIONS

Use a clean cloth, dampened with water or a mild detergent. Profiles can be removed for cleaning and maintenance, and damaged profiles can be replaced.

## FIRE REACTION

Class A1 according to EN13501-1.

## FLEXION RESISTANCE

Maximum span 1200mm - Class 1.

## MATERIAL

Hook - stainless steel.

Main and cross tees - galvanised steel.

## FINISHING

Baked white polyester paint finish to face.

## CONNECTION STRENGTH

Compression/tension capacity = greater than 100kg.

## MAXIMUM DEFLECTION

L / 360 (1200mm hanger spacings)

## COMPLIANCE

This system is compliant with the AS/ NZS 2785:2020 Suspended Ceiling Code.

# SUSPENSION SPECIFICATIONS

## MAIN TEE TO MAIN TEE FIXING AND PANEL DIRECTION

× Hanger spacings 1200mm

<b>PANEL</b> 1200 × 600 <b>MODULE</b> 1200 × 1200 <b>MAX PANEL WGT (15)</b> 21.2kg	<b>PANEL</b> 600 × 600 <b>MODULE</b> 1200 × 1200 <b>MAX PANEL WGT (15)</b> 13.9kg	<b>PANEL</b> 1200 × 300 <b>MODULE</b> 1200 × 600 <b>MAX PANEL WGT (15)</b> 24.9kg	<b>PANEL</b> 600 × 600 <b>MODULE</b> 1200 × 600 <b>MAX PANEL WGT (15)</b> 13.9kg

## CROSS TEE TO CROSS TEE FIXING AND PANEL DIRECTION

× Hanger spacings 1200mm

<b>PANEL</b> 1200 × 600 <b>MODULE</b> 1200 × 1200 <b>MAX PANEL WGT (15)</b> -	<b>PANEL</b> 600 × 600 <b>MODULE</b> 1200 × 1200 <b>MAX PANEL WGT (15)</b> -	<b>PANEL</b> 1200 × 300 <b>MODULE</b> 1200 × 1200 <b>MAX PANEL WGT (15)</b> -	<b>PANEL</b> 600 × 600 <b>MODULE</b> 600 × 600 <b>MAX PANEL WGT (15)</b> 37.3kg

### LOAD SPECIFICATIONS

Main tees: 1200mm centres

1200 tees: 600mm centres

Main tee hanger spacing: 1200mm centres

Specification details are based on an approximate panel weight of 4.8kg/m<sup>2</sup>, 1200mm hanger spacings, deflection less than or equal to L / 360, and the entire system installed according to the specifications in AS/NZS 2785:2020 Suspended Ceilings Design and Installation.

# ACCESSORIES

	<b>N21</b> Hanging rod 3600mm		<b>N74</b> Rod bracket		<b>N47</b> Rod bracket 90°
	<b>N54</b> Rod joiner		<b>TFE06</b> Tie wire anchor		<b>1027</b> Ceiling bracket assembly
	<b>VF1</b> Purlin clip		<b>2424</b> Suspension hanger		