

DONN® DX24-CE GK

Exposed 24 mm grid system for clean rooms and controlled environments - System C

Key features

- Specially adapted for the implementation of ceilings in rooms with controlled environments, clean rooms
- Closed-cell PVC foam seal, a factory applied gasket for a better seal between tile and grid
- Perimeter finish by a C-Channel with foam seal
- Hold down clips to ensure a good seal

Application areas

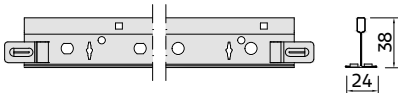
- Healthcare, Hi-tech manufacturing

Physical data

- Material: steel
- Surface finish: baked polyester paint
- Colour: all products standard in DONN® White

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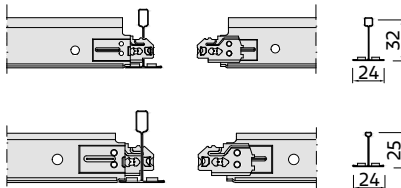
Main Runners (bulb-to-bulb connection)



| Item reference | Dimensions (mm) | | | Slot centres | Content/carton | | Weight/carton kg | Cartons/pallet |
|----------------|-----------------|-------|--------|--------------|----------------|-------|------------------|----------------|
| | Length | Width | Height | | pcs | lm | | |
| DX24XH370WCE | 3700 | 24 | 38 | 100 | 18 | 66.60 | 27.10 | 30 |

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Cross Tees (stab system - joggled GK)

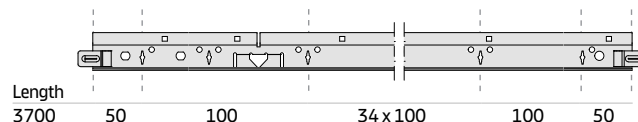


| Item reference | Dimensions (mm) | | | Slot centres | Content/carton | | Weight/carton kg | Cartons/pallet |
|-----------------------------|-----------------|-------|--------|--------------|----------------|-------|------------------|----------------|
| | Length | Width | Height | | pcs | lm | | |
| Cross Tees - Slotted | | | | | | | | |
| DX24TM120WCE | 1200 | 24 | 32 | 300 | 56 | 67.20 | 17.30 | 50 |
| DX24TS60WCE | 600 | 24 | 25 | 300 | 56 | 33.60 | 8.10 | 60 |

Section Drawings

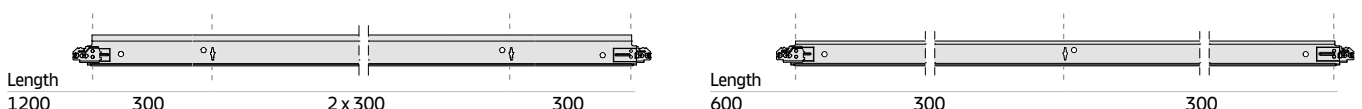
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Main Runners (bulb-to-bulb connection)

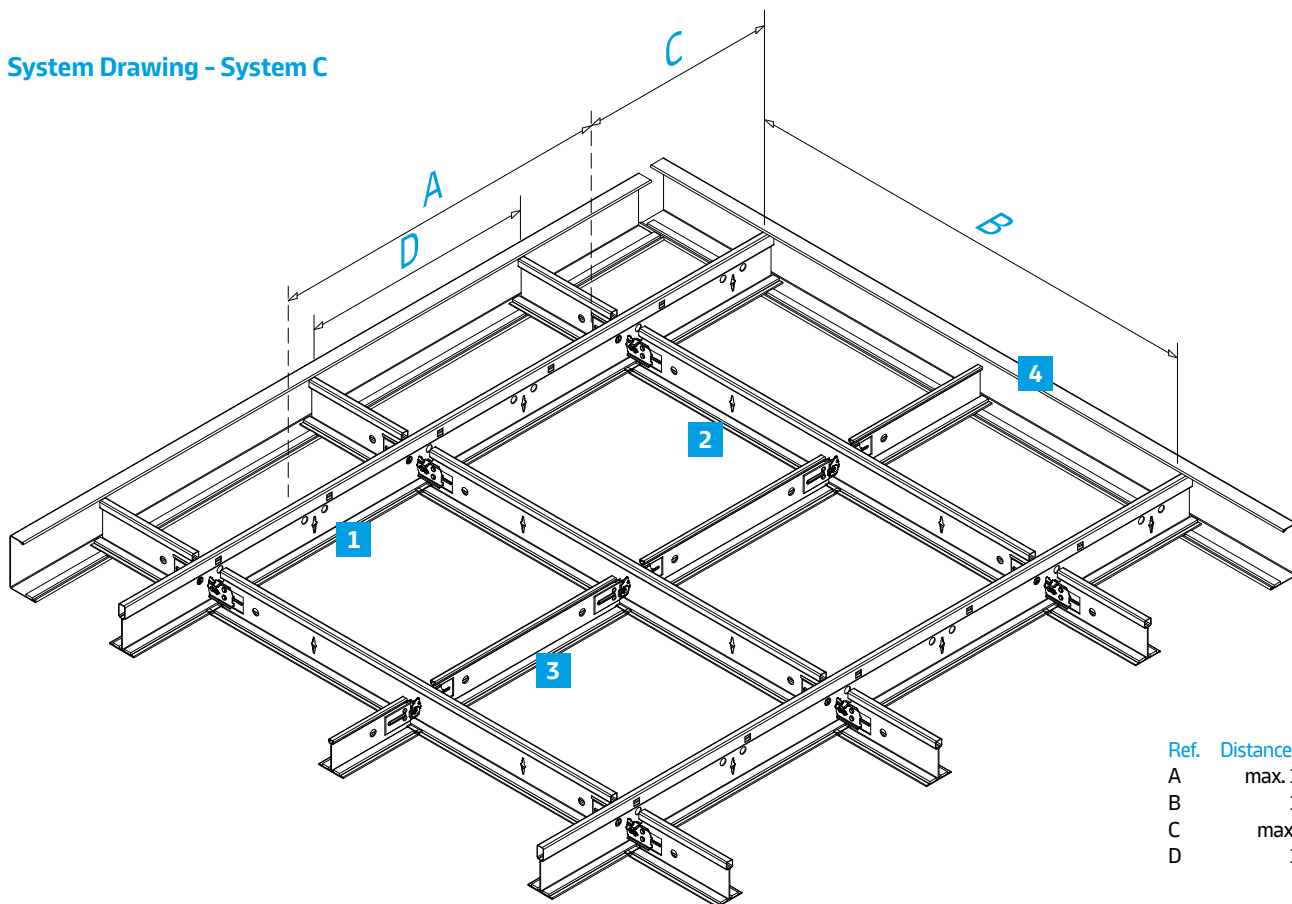


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Cross Tees (stab system - joggled GK)



System Drawing - System C



| Ref. | Distance (mm) |
|------|---------------|
| A | max. 1500 |
| B | 1200 |
| C | max. 400 |
| D | 1200 |

Material required per m² (no waste included)

| No. | Description | Item reference | Module 600 x 600 | Module 1200 x 600 |
|-----|-----------------|----------------|---|-------------------|
| 1 | Main Runner | DX24XH370WCE | 0.84 lm | 0.84 lm |
| 2 | Long Cross Tee | DX24TM120WCE | 1.67 lm | 1.67 lm |
| 3 | Short Cross Tee | DX24TS60WCE | 0.84 lm | - |
| 4 | Perimeter trim | MUS25WCE2 | Dependent on room dimensions (approx. 0.6 lm/m ²) | |
| | Hanger | - | 0.70 pcs | 0.70 pcs |
| | Retaining Clip | - | 5.56 pcs | 5.56 pcs |
| | Tiles | - | 2.78 pcs | 1.39 pcs |

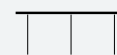
Load Table

Maximum permissible weight (kg/m²)










| Main Runner distances | 1200 mm | 600 mm |
|------------------------|--------------------------|--------------------------|
| Hanger distance A (mm) | Module 600x600, 1200x600 | Module 600x600, 1200x600 |
| 800 | 14.1 | 25.0 |
| 1000 | 11.6 | 25.0 |
| 1200 | 8.3 | 18.8 |
| 1500 | 4.7 | 10.2 |

Note:

The load per m² must be evenly distributed (no extra point loads). After loading, the deflection will remain within the permitted deflection according to class 1 (L/500) of EN 13964, provided the grid is laid out as shown.



For other grid layouts, load capacities or hanger distances, please contact Knauf Ceiling Solutions.

| Characteristics | Detailed information | |
|---|--|---|
| Fire reaction  | Euroclass E as per EN 13501-1 | |
| Indoor air quality  |  A+ |  ISO 3 |
| Cleanability |  |  |
| Sustainability |  25% |   |

All measurements in millimetres. All sizes are nominal.
 Cross Tee alignment is achieved by locating the tees to the left-hand side of the adjoining section.

Products may vary from country to country. Please contact your local sales representative.
 For further information and legal notice, please visit our website.