

**Exposed 35 mm grid system - System C**

**Key features**

- System with 35 mm exposed profile for use with HERADESIGN® acoustic ceiling tiles (concealed installation) and industrial ceiling tiles
- Patented golden “Quick-Release™ Clip” for high quality grid system installation
- Joggled Cross Tees override the Main Runners; preventing twisting of the Cross Tees

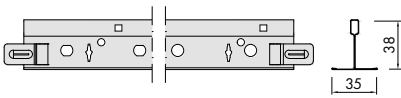
**Application areas**

- Retail outlets / Industrial manufacturing / Circulation areas

**Physical data**

- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in DONN® White
- Other standard colours available on popular items

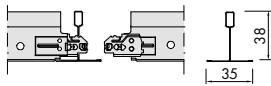
■ **DONN® DX35 | Main Runners (bulb-to-bulb connection)**



Item reference	Dimensions (mm)				Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height	Slot centres	pcs	lm		
DX35XH370W <sup>[1][2]</sup>	3700	35	38	100	16	59.20	24.00	50

Available in <sup>[1]</sup> Matt Black (LM), <sup>[2]</sup> galvanised for an additional charge. Special colours on request.

■ **DONN® DX35 | Cross Tees (stab system - joggled GK)**



**Cross Tees - Slotted**

DX35XH120W <sup>[1][2]</sup>	1200	35	38	600	40	48.00	20.70	50
DX35XH100W <sup>[1][2]</sup>	1000	35	38	500	40	40.00	17.40	50
DX35XH60W <sup>[1][2]</sup>	600	35	38	300	40	24.00	10.50	36

Available in <sup>[1]</sup> Matt Black (LM), <sup>[2]</sup> galvanised for an additional charge. Special colours on request.

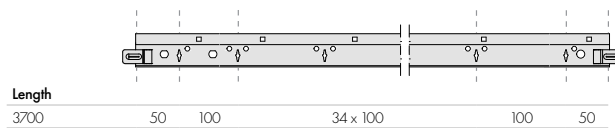
**Cross Tees - Unslotted**

DX35XH199W <sup>[2]</sup>	1990	35	38	-	40	79.60	34.10	36
DX35XH150W <sup>[1][2]</sup>	1500	35	38	-	40	60.00	25.80	36

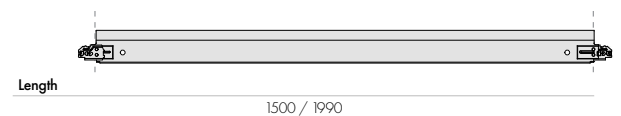
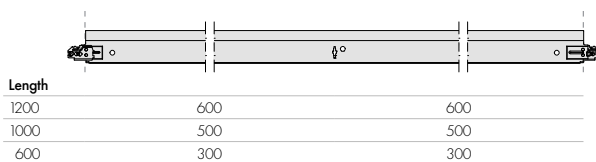
Available in <sup>[1]</sup> Matt Black (LM), <sup>[2]</sup> galvanised for an additional charge. Special colours on request.

**Section Drawings**

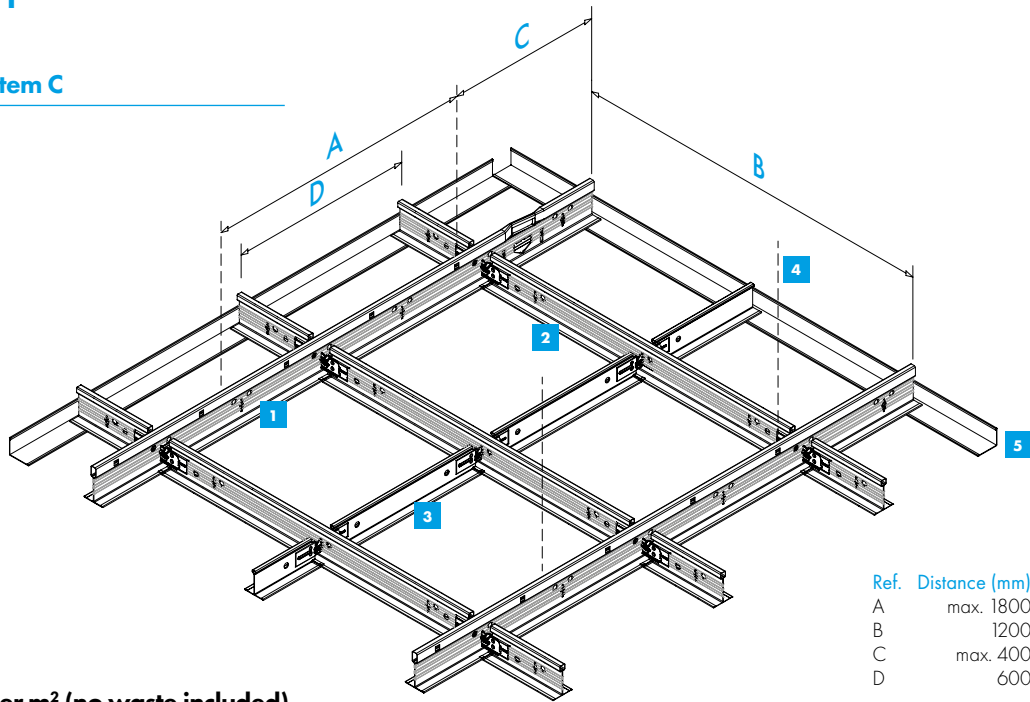
■ **DONN® DX35 | Main Runners (bulb-to-bulb connection)**



■ **DONN® DX35 | Cross Tees (stab system - joggled GK)**



System Drawing - System C



■ Material required per m<sup>2</sup> (no waste included)

No.	Description	Item reference	Module 600 x 600	Module 1200 x 600
1	Main Runner	DX35XH370W	0.84 lm	0.84 lm
2	Long Cross Tee	DX35XH120W	1.67 lm	1.67 lm
3	Short Cross Tee	DX35XH60W	0.84 lm	-
4	Hanger	-	0.70 pcs	0.70 pcs
	Retaining Clip	-	5.56 pcs	5.56 pcs
	Tiles	-	2.78 pcs	1.39 pcs
5	Perimeter trim		Dependent on room dimensions (approx. 0.6 lm/m <sup>2</sup> )	

■ Load Table | Maximum permissible weight (kg/m<sup>2</sup>)

Main Runner distances Hanger distance A (mm)	1990 mm	1500 mm	1200 mm	1000 mm	600 mm
	Module 1990 x 1000	Module 1500 x 1000	Module 600x600, 1200x600	Module 1000x600	Module 600x600, 1200x600
800	2.7	6.9	17.4	25.0	25.0
1000	2.5	6.4	14.1	20.0	25.0
1200	-	5.3	9.6	12.3	22.6
1500	-	3.3	5.0	6.1	10.7
1800	-	-	-	3.0	5.6

Note:  
 The load per m<sup>2</sup> 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.

<b>Fire reaction</b>		<b>Euroclass A1</b> as per EN 13501-1	<b>RUS KMO (NG) / KM1 (G1, V1, D1, T1)</b> as per 123-FZ
<b>Indoor air quality</b>		 A+	 ISO 3
<b>Cleanability</b>			
<b>Sustainability</b>		 EN ISO 14001	 EN ISO 14025
<b>Design options</b>			

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.  
[knaufceiling.com](http://knaufceiling.com)