

# LONGSPAN

## Primary grid system

### Key Attributes

- Create a primary framework underneath beams or between walls
- Install a suspended ceiling below, using fewer suspension points to the structure

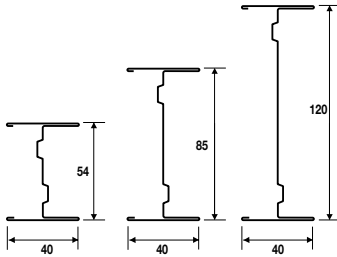
## Application area

Industrial / Transport / Buildings with limited suspension points

### Physical data

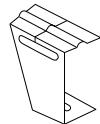
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

## PRIMARY CHANNELS

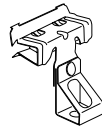


Item Nr.	Dimensions		Content / Carton		Weight / Carton	Cartons / Pallet
	length (mm)	height (mm)	pcs	lm	kg	
LP 546 G	5000	54	5	25,00	21,60	10
LP 856 G	5000	85	5	25,00	25,20	10
LP 120 G	6500	120	5	32,50	76,50	10

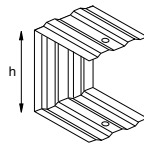
## ACCESSORIES



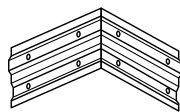
Item Nr.	Description	Dimensions	Content / Carton	Weight / Carton
		height (mm)	pcs	kg
A 4510 G	Bent hanger for T profile	-	50	1,90



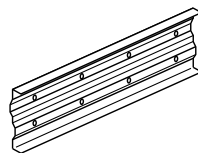
A 1820 G	Beam flange clip 1,6 to 4,8 mm thickness	47	100	2,20
A 1821 G	Beam flange clip 4,8 to 9,5 mm thickness	47	100	3,20



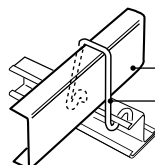
B11067 G	Special holding clamp*	54	100	1,55
B11065 G	"	85	100	2,90
B11064 G	"	120	50	3,30



A M4538 G	Wall connection	54	25	1,50
A M4534 G	"	85	25	3,25
A M4529 G	"	120	25	5,90

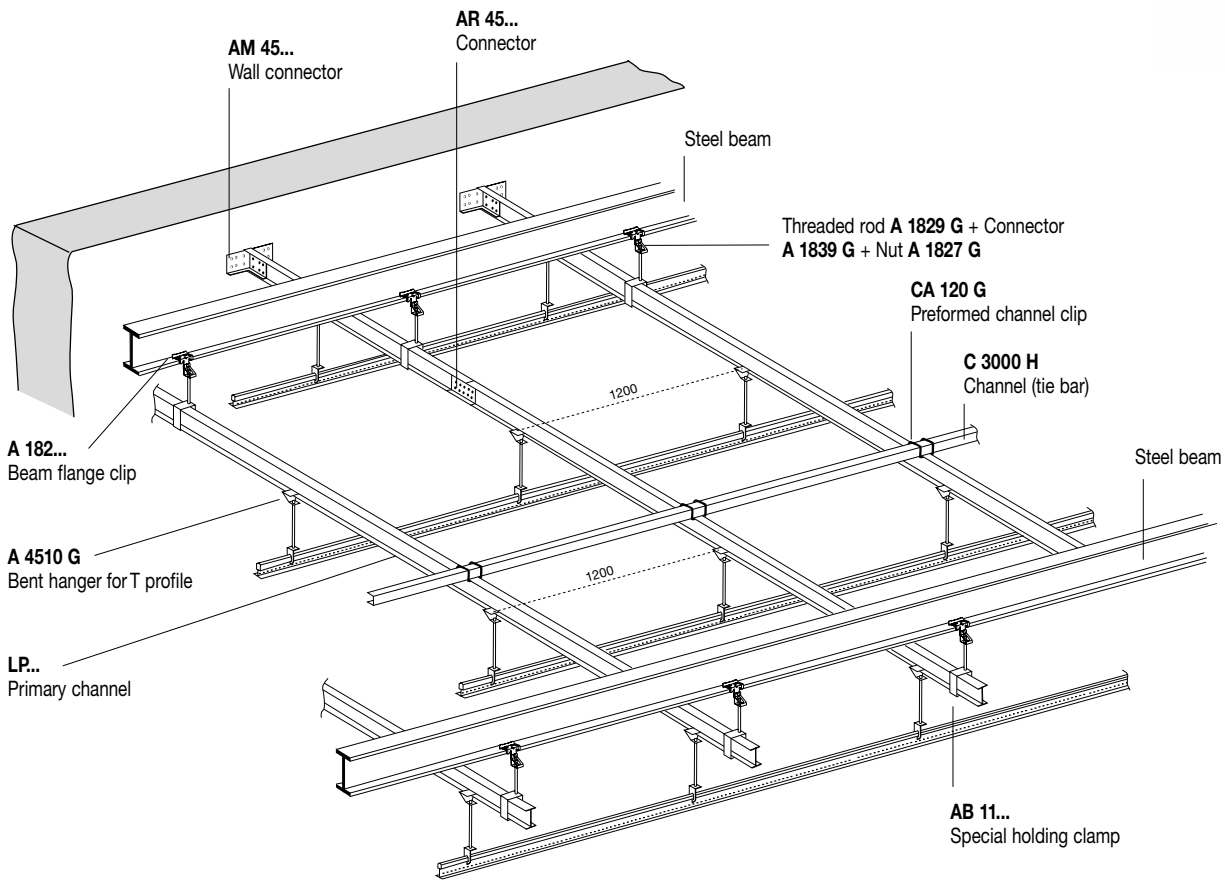


A R4537 G	Connector	54	25	1,90
A R4533 G	"	85	25	4,25
A R4528 G	"	120	25	7,00



C 3000 H	Channel 19 x 38 mm	38	20	26,50
CA 120 G	Preformed channel clip**	-	100	0,50

● SYSTEM DRAWING



**Note:**

- Two wall connectors AM 45... must be used to fix to walls.
- Two connectors AR 45... must be used when connecting two lengths of Primary Channel together.
- Two preformed channel clips CA 120 G must be installed on the opposites sides of the Primary channel

● GRID LOAD CAPACITIES (LongSpan System) Space 1200 mm

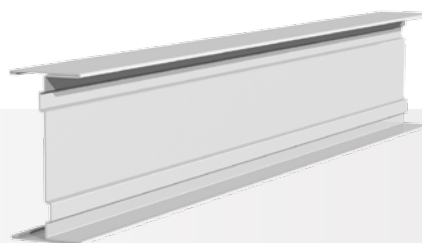
Spacing between suspensions (m)	1 tie bar										2 tie bars						3 tie bars			
	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,50	5,75	6,00	6,50
Item Nr.																				
LP 546 G		48	48	32	23	16	12	9												
LP 856 G				48	42	25	19	15	12	10	8	7	7							
LP 120 G										48	30	24	20	17	14	12	10	9	8	6

**Note:**

- Uniformly distributed load kg/m<sup>2</sup>. Load charges in kg/m<sup>2</sup> for deflection L/300.



\*Both Bent hanger for T profile and special holding clamp only work with threaded rod A 1829 G+ Connector A1839 G + nut (A 1827 G)  
 \*\*Install one clip on each side of the Channel C 3000 H  
 All measurements in millimetres. All sizes are nominal.



Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.