

Innovative Solar Panel Fixing Solutions



Walraven offers a wide range of fixing solutions for solar panels. Including the unique BIS RapidStrut® Solar Panel Fixing and the BIS Yeti Support System for Rooftop Installations and other flat surfaces.

To solve every conceivable construction we also offer an unparalleled range of Strut Fixing Rail and accessories.

A selection of our wide range

Accessories:



BIS RapidStrut® Solar Panel Fixing



BIS Yeti Support System for Rooftop Installations



BIS RapidStrut® Rail



BIS Strut Wall Plate hinging (hdg)



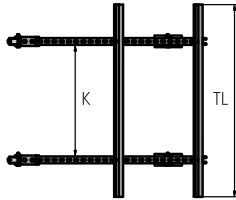
BIS Strut Wall Plate heavy (hdg)



BIS Strut Rail End Cap

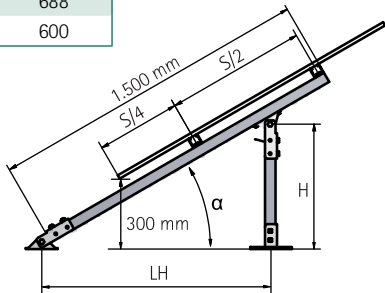
Solar Frame Menu

- Step 1:** Select width of panel
- Step 2:** Select length of panel
- Step 3:** Read N: number of solar panels
Read K: distance between ribs
Read TL: total length



- Step 4:** Choose angle (α)
- Step 5:** Read H and LH

α	H (mm)	LH (mm)
30	600	1.039
35	688	983
40	771	919
45	849	849
50	919	771
55	983	688
60	1.039	600



S = Length of panel

Span rail – Number of solar panels

Panel width (m)		Panel length (m)					
		0,8	1,0	1,2	1,4	1,6	1,8
0,5	N	7	7	6	5	5	4
	K	2.760	2.760	2.220	2.000	2.000	1.200
	TL	3.760	3.760	3.220	2.700	2.700	1.700
0,6	N	6	6	5	4	4	3
	K	2.820	2.820	2.180	2.000	2.000	1.500
	TL	3.820	3.820	3.180	2.600	2.600	2.000
0,7	N	5	5	4	4	3	3
	K	2.680	2.680	1.940	1.940	1.600	1.600
	TL	3.680	3.680	3.000	2.940	2.200	2.200
0,8	N	4	4	4	3	3	2
	K	2.340	2.340	2.340	2.100	2.100	1.700
	TL	3.400	3.400	3.400	2.600	2.600	1.700
0,9	N	4	4	3	3	2	2
	K	2.740	2.740	1.800	1.800	1.900	1.900
	TL	3.800	3.800	2.900	2.900	1.900	1.900
1,0	N	3	3	3	2	2	2
	K	2.100	2.100	2.100	2.100	2.100	2.100
	TL	3.200	3.200	3.200	2.100	2.100	2.100
1,1	N	3	3	2	2	-	-
	K	2.400	2.400	2.400	1.800	-	-
	TL	3.500	3.500	3.500	2.300	-	-

N = Number of solar panels
K = Distance between ribs (mm)
TL = Total length (mm)



1. Part. No. 6652 6 008



2. Part. No. 6658 1 814



3. Part. No. 6658 1 804



4. Part. No. 656 6 041



5. Part. No. 650 1 247 = 2 m
Part. No. 650 1 347 = 3 m
Part. No. 650 1 647 = 6 m

No.	Description	Dimension	Pc.
1	BIS RapidStrut® Solar Panel Fixing	-	-
2	BIS Strut Wall Plate – hinging (hdg)	Strut 41 x 41	4
3	BIS Strut Wall Plate – heavy (hdg)	Strut	2
4	BIS Strut Rail End Cap	Strut 41 x 41	6
5	BIS RapidStrut® Rail, 41 x 41 mm	2, 3 & 6 m	-

