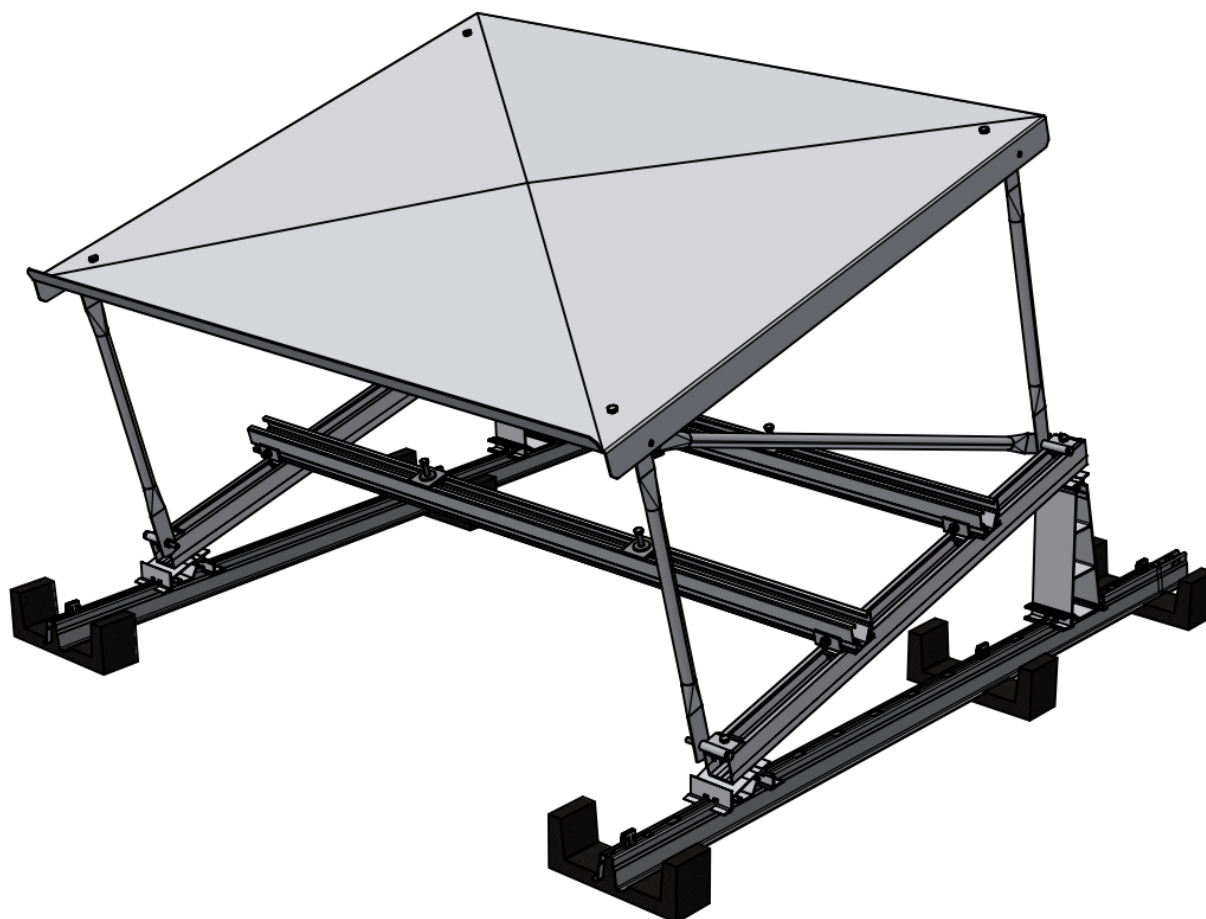




PV Inverter Shelter **Slim**



Ballast sheets

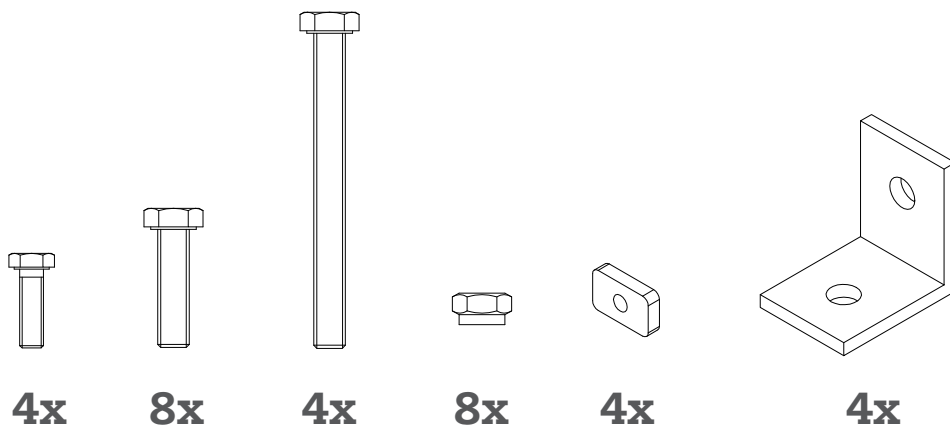
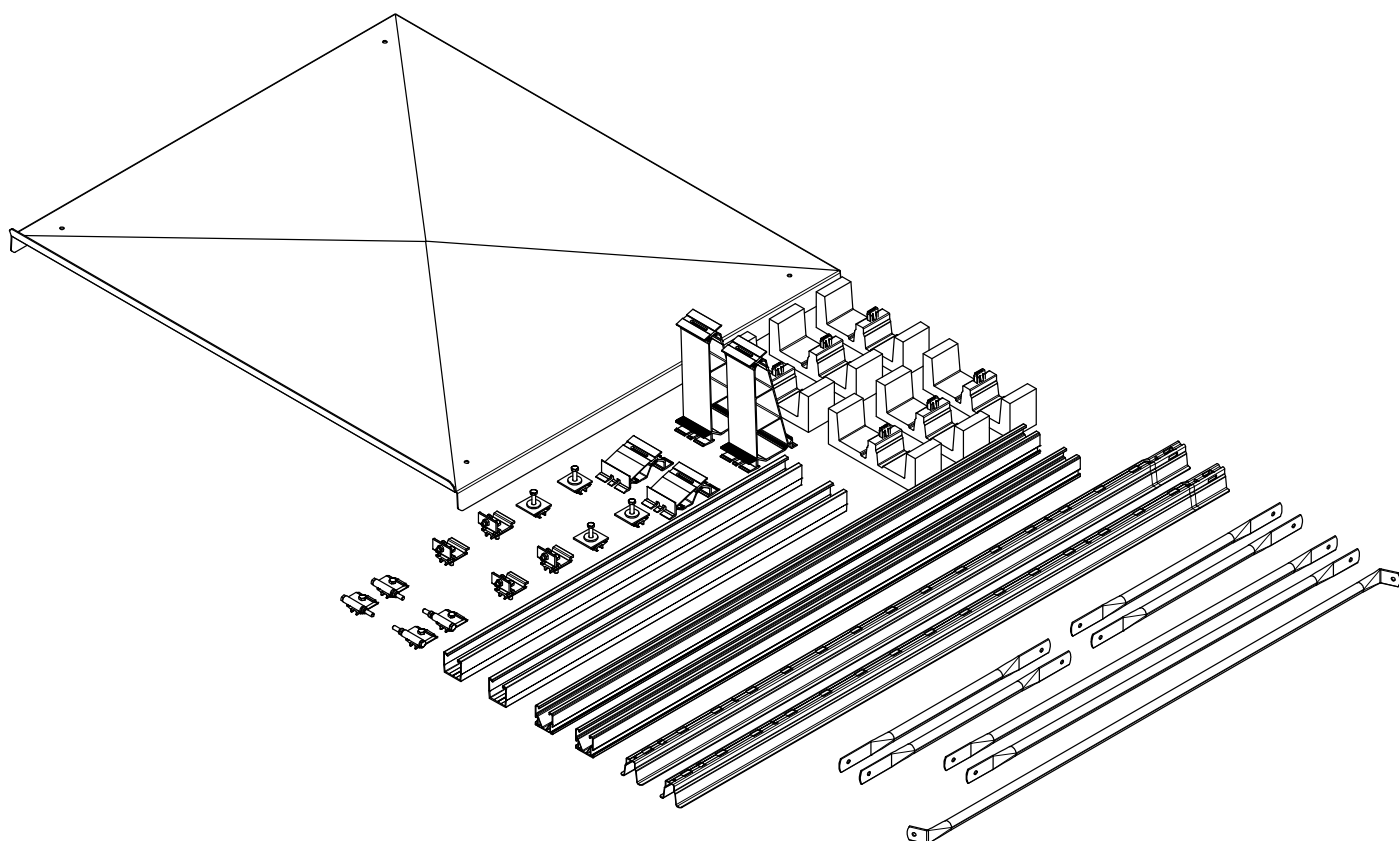
Hoe bepaal je de ballast?

1. Selecteer de relevante gewichtsklasse van de omvormer: 30 kg, 60 kg, 90 kg.
2. Bepaal de volgende omgevingsfactoren op basis van de projectlocatie:
 - a. Terreincategorie (O, I, II, III, IV)
 - b. Gebouwhoogte (0 m - 20 m)
 - c. Windsnelheid (20 m/s t/m 30 m/s)
3. Raadpleeg de juiste tabel, kolom en rij om de specifieke ballastwaarden te verzamelen.
 - a. LET OP: tel het verschil in gewicht van de omvormer op bij of trek het af van de waarden die worden gebruikt in de gewichtscategorie van de omvormer.
4. Het plaatsen van ballast.
5. Voor het plaatsen van een hoeveelheid ballast kan het gebruik van ballastdragers nodig zijn (art. nr. 742561).

Raadpleeg de legenda onder de tabel of neem contact op met Van der Valk Solar Systems, ook voor specifieke projectcalculaties of vragen over ballast.

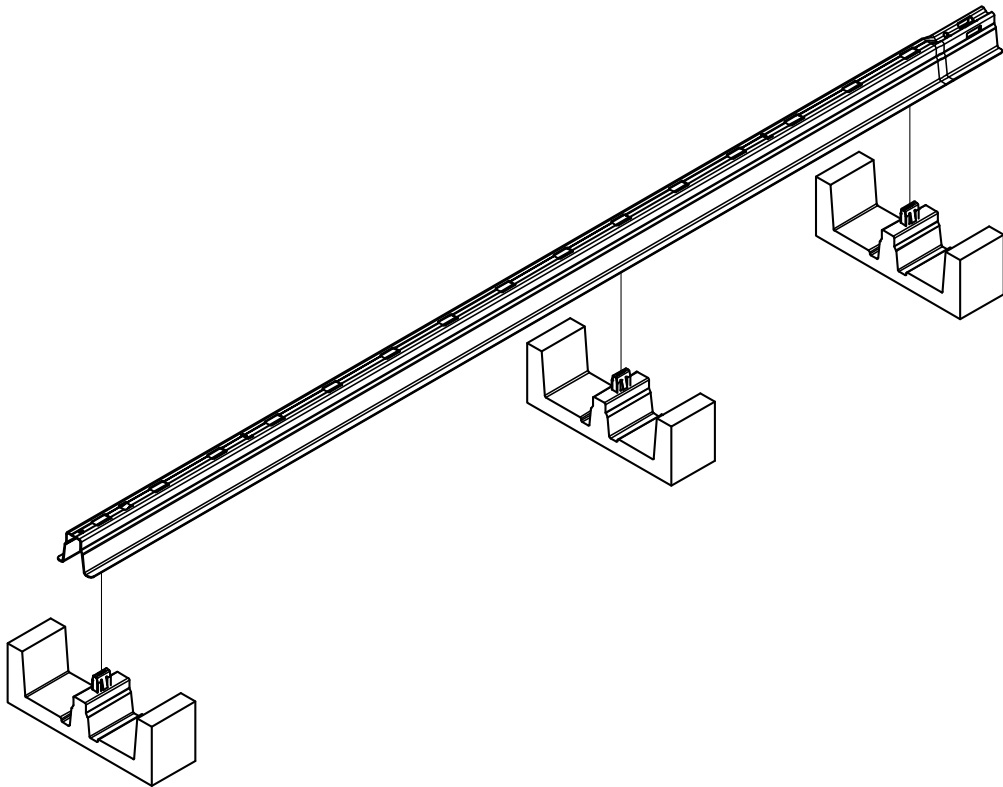
Gewicht omvormer: 30 Kg																											
Terreincategorie		O					I					II					III					IV					
Hoogte		0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	
vb.0 (m/s)	20	79	133	x	x	x	61	117	144	x	x	53	87	116	133	147	44	44	72	91	104	36	36	36	55	68	
	21	92	151	x	x	x	72	133	x	x	x	63	101	132	152	x	52	52	84	104	119	45	45	45	64	79	
	22	105	x	x	x	x	83	150	x	x	x	73	115	149	x	x	62	62	97	119	135	53	53	53	75	91	
	23	119	x	x	x	x	94	x	x	x	x	84	129	x	x	x	71	71	110	134	152	62	62	62	86	104	
	24	133	x	x	x	x	107	x	x	x	x	95	144	x	x	x	82	82	123	149	x	71	71	71	97	117	
	25	148	x	x	x	x	119	x	x	x	x	107	x	x	x	x	92	92	137	x	x	81	81	81	109	130	
	26	x	x	x	x	x	133	x	x	x	x	119	x	x	x	x	103	103	152	x	x	91	91	91	122	144	
	27	x	x	x	x	x	146	x	x	x	x	132	x	x	x	x	115	115	x	x	x	102	102	102	134	x	
	28	x	x	x	x	x	x	x	x	x	x	145	x	x	x	x	126	126	x	x	x	113	113	113	148	x	
	29	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	139	139	x	x	x	124	124	124	x	x
	30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	136	136	136	x	x
Gewicht omvormer: 60 Kg																											
Terreincategorie		O					I					II					III					IV					
Hoogte		0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	
vb.0 (m/s)	20	49	103	128	144	x	31	87	114	130	143	23	57	86	103	117	14	14	42	61	74	6	6	6	25	38	
	21	62	121	149	x	x	42	103	133	151	x	33	71	102	122	136	22	22	54	74	89	15	15	15	34	49	
	22	75	140	x	x	x	53	120	x	x	x	43	85	119	140	x	32	32	67	89	105	23	23	23	45	61	
	23	89	x	x	x	x	64	138	x	x	x	54	99	137	x	x	41	41	80	104	122	32	32	32	56	74	
	24	103	x	x	x	x	77	x	x	x	x	65	114	x	x	x	52	52	93	119	139	41	41	41	67	87	
	25	118	x	x	x	x	89	x	x	x	x	77	130	x	x	x	62	62	107	136	x	51	51	51	79	100	
	26	134	x	x	x	x	103	x	x	x	x	89	147	x	x	x	73	73	122	x	x	61	61	61	92	114	
	27	150	x	x	x	x	116	x	x	x	x	102	x	x	x	x	85	85	137	x	x	72	72	72	104	129	
	28	x	x	x	x	x	131	x	x	x	x	115	x	x	x	x	96	96	x	x	x	83	83	83	118	144	
	29	x	x	x	x	x	145	x	x	x	x	129	x	x	x	x	109	109	x	x	x	94	94	94	132	x	
	30	x	x	x	x	x	x	x	x	x	x	143	x	x	x	x	121	121	x	x	x	106	106	106	146	x	
Gewicht omvormer: 90 Kg																											
Terreincategorie		O					I					II					III					IV					
Hoogte		0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	0	5	10	15	20	
vb.0 (m/s)	20	19	73	98	114	126	1	57	84	100	113	0	27	56	73	87	0	0	12	31	44	0	0	0	0	8	
	21	32	91	119	136	149	12	73	103	121	135	3	41	72	92	106	0	0	24	44	59	0	0	0	0	19	
	22	45	110	141	x	x	23	90	123	143	x	13	55	89	110	126	2	2	37	59	75	0	0	0	0	31	
	23	59	129	x	x	x	34	108	144	x	x	24	69	107	130	148	11	11	50	74	92	2	2	2	2	44	
	24	73	150	x	x	x	47	127	x	x	x	35	84	125	151	x	22	22	63	89	109	11	11	11	11	57	
	25	88	x	x	x	x	59	146	x	x	x	47	100	145	x	x	32	32	77	106	127	21	21	21	49	70	
	26	104	x	x	x	x	73	x	x	x	x	59	117	x	x	x	43	43	92	123	146	31	31	31	62	84	
	27	120	x	x	x	x	86	x	x	x	x	72	134	x	x	x	55	55	107	140	x	42	42	42	74	99	
	28	136	x	x	x	x	101	x	x	x	x	85	152	x	x	x	66	66	123	x	x	53	53	53	88	114	
	29	x	x	x	x	x	115	x	x	x	x	99	x	x	x	x	79	79	139	x	x	64	64	64	102	130	
	30	x	x	x	x	x	131	x	x	x	x	113	x	x	x	x	91	91	x	x	x	76	76	76	116	146	

Aantal sets massadragers (Max. 2)	
= 0	(Geen ballast)
= 1	(1-108)
= 2	(109-200)
=	Fixatie vereist

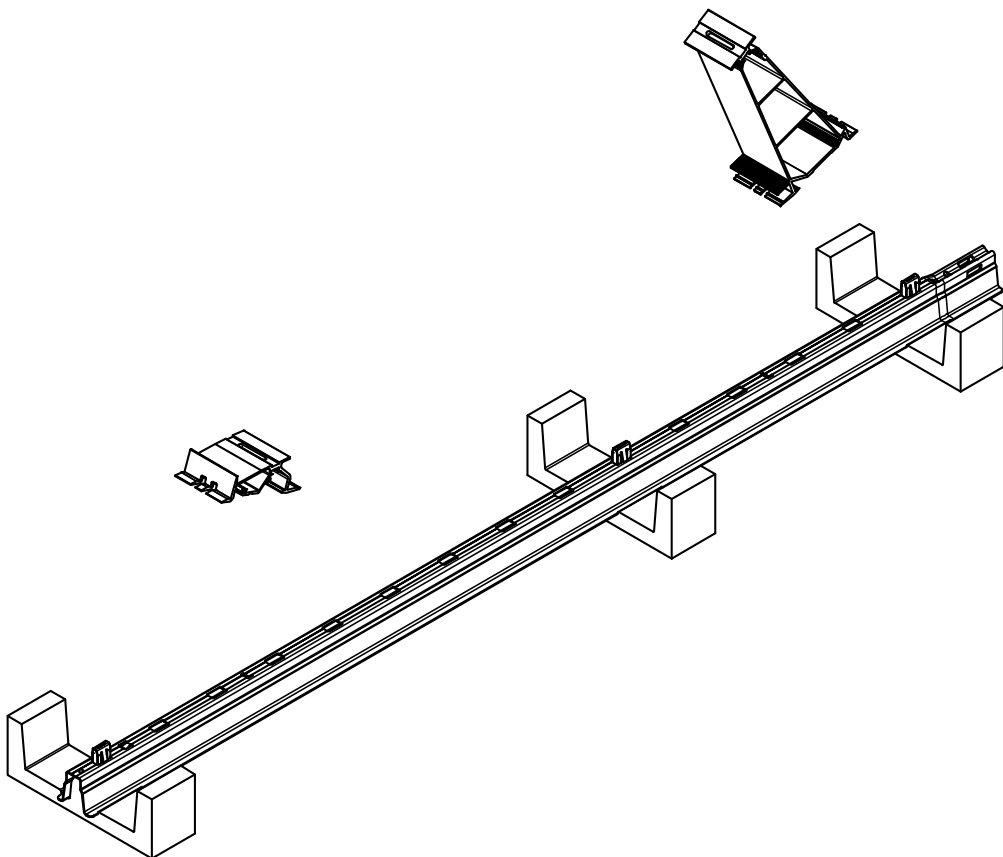


Benodigd gereedschap: dopsleutel 13 en 10 mm

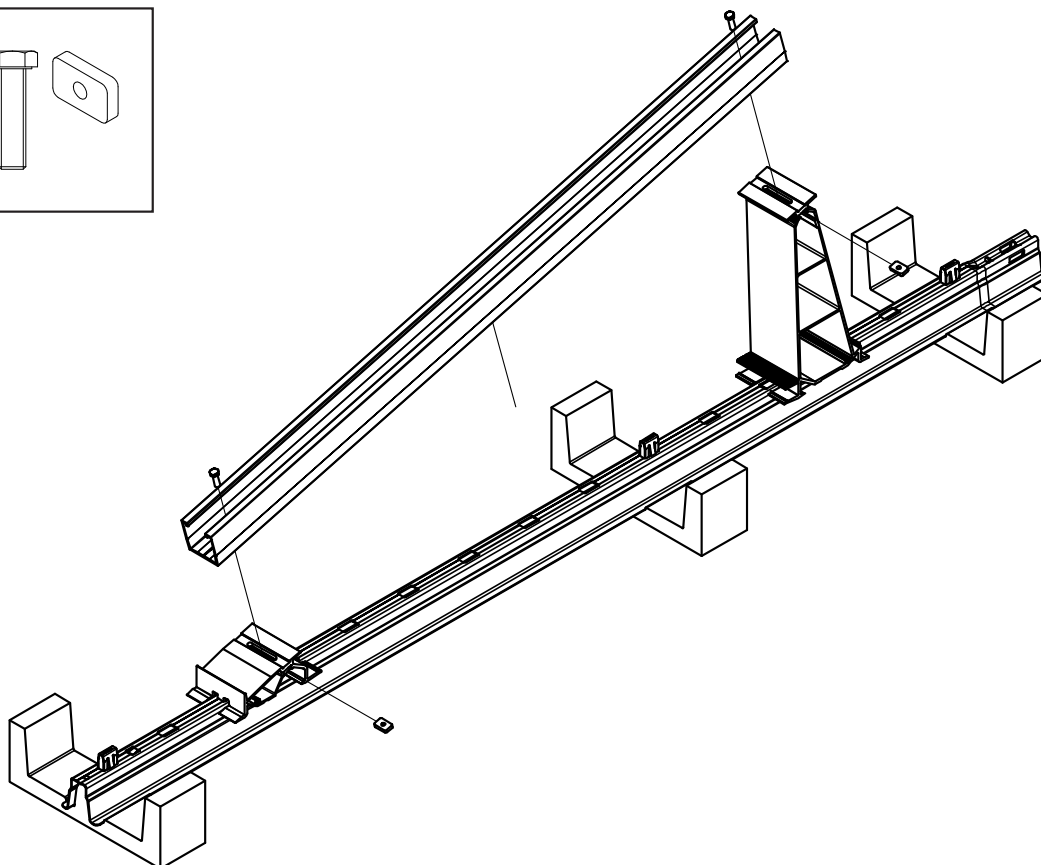
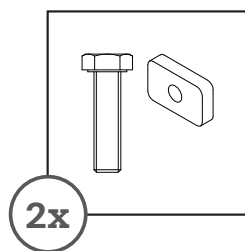
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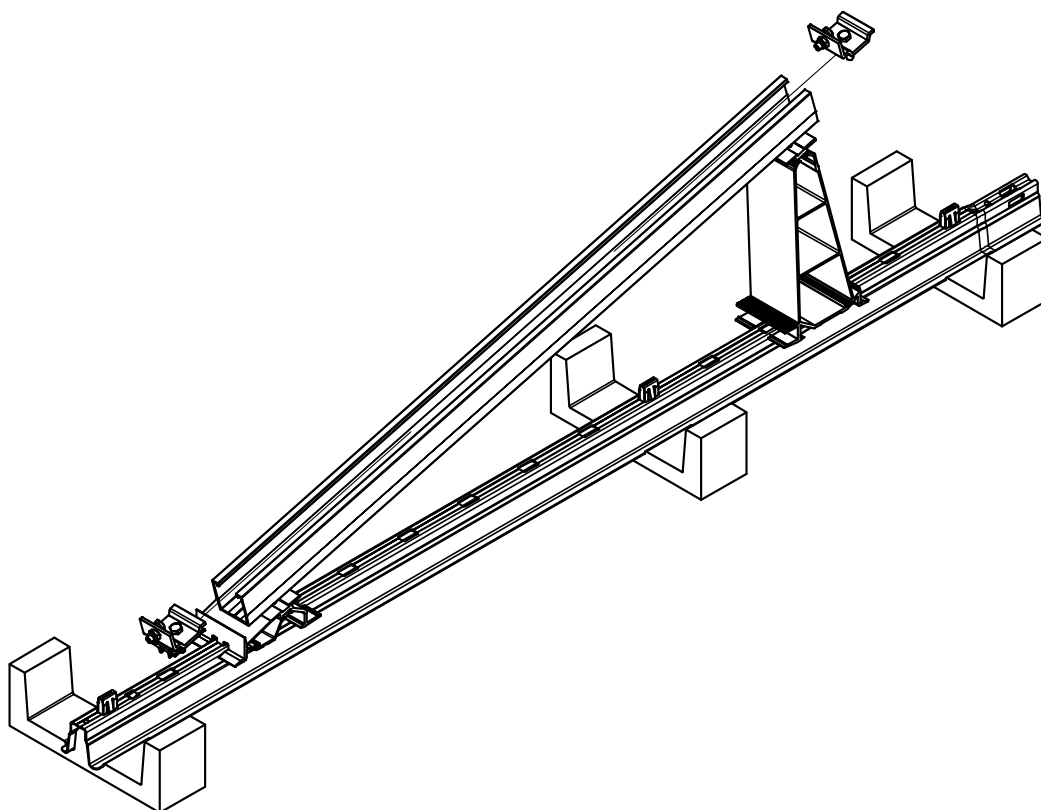
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3

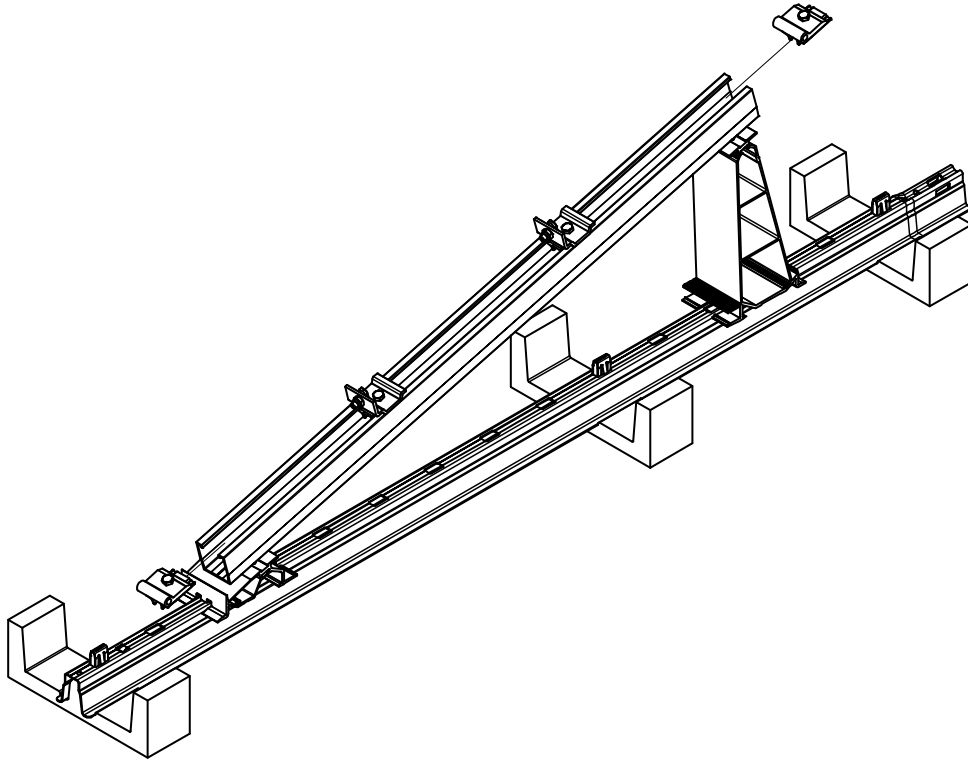


4

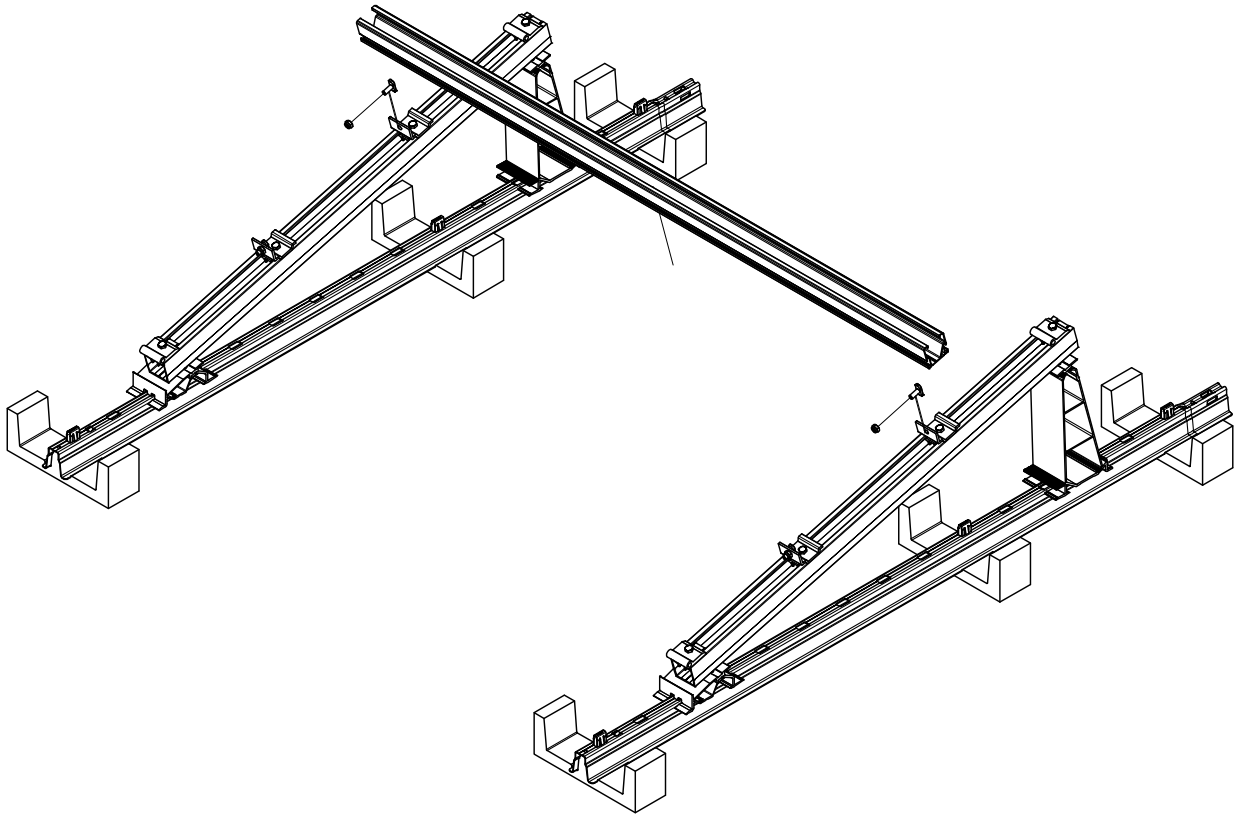


5

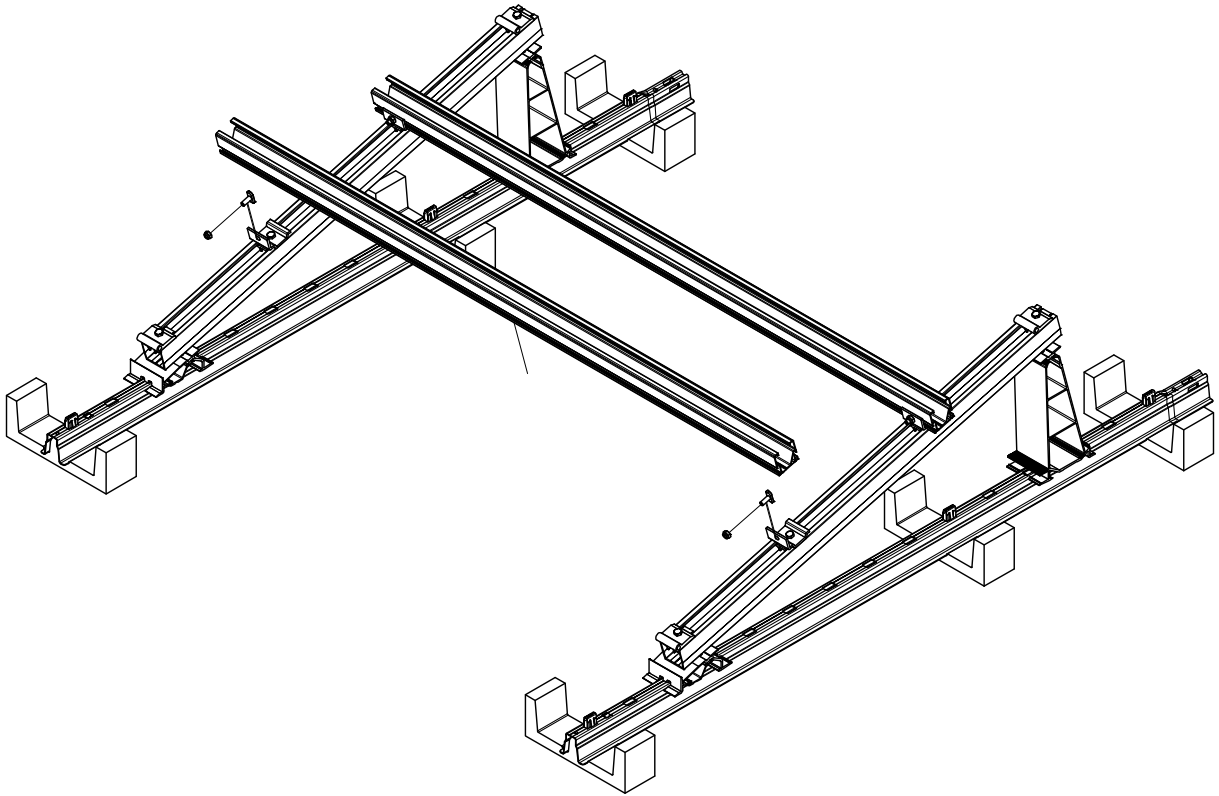
2x



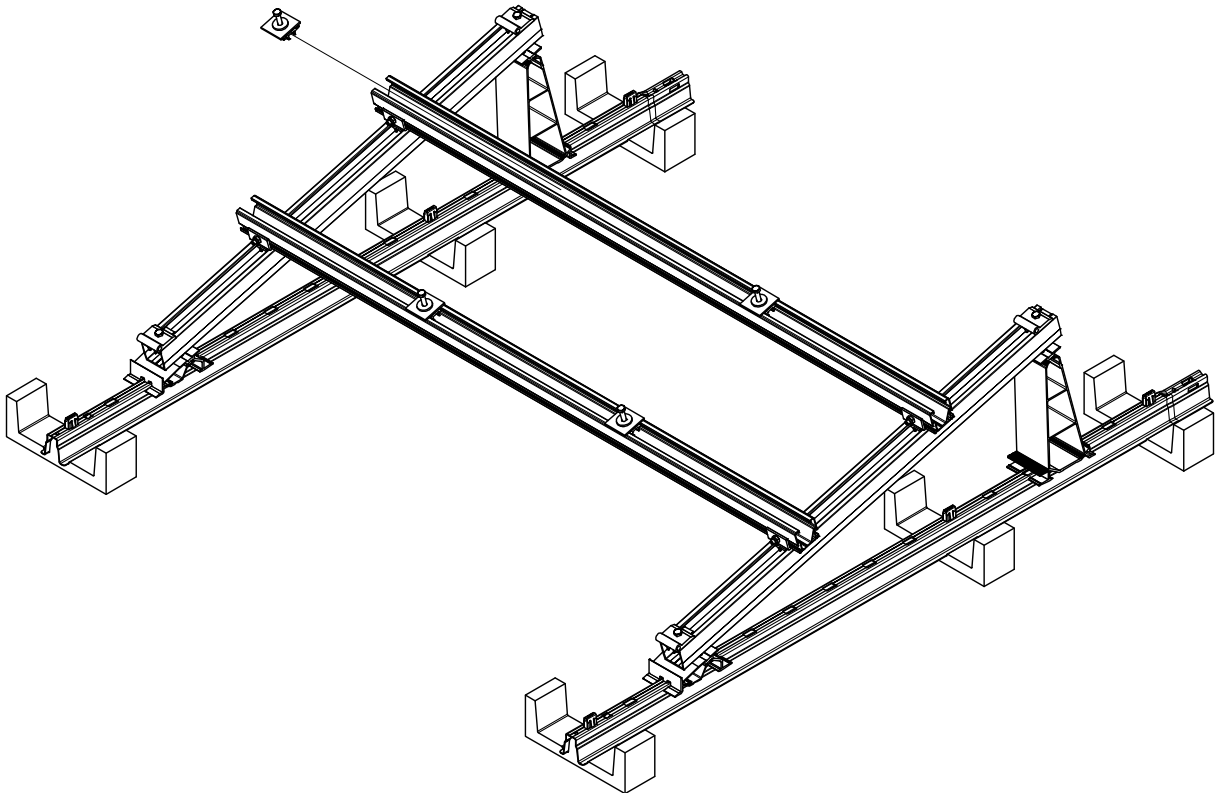
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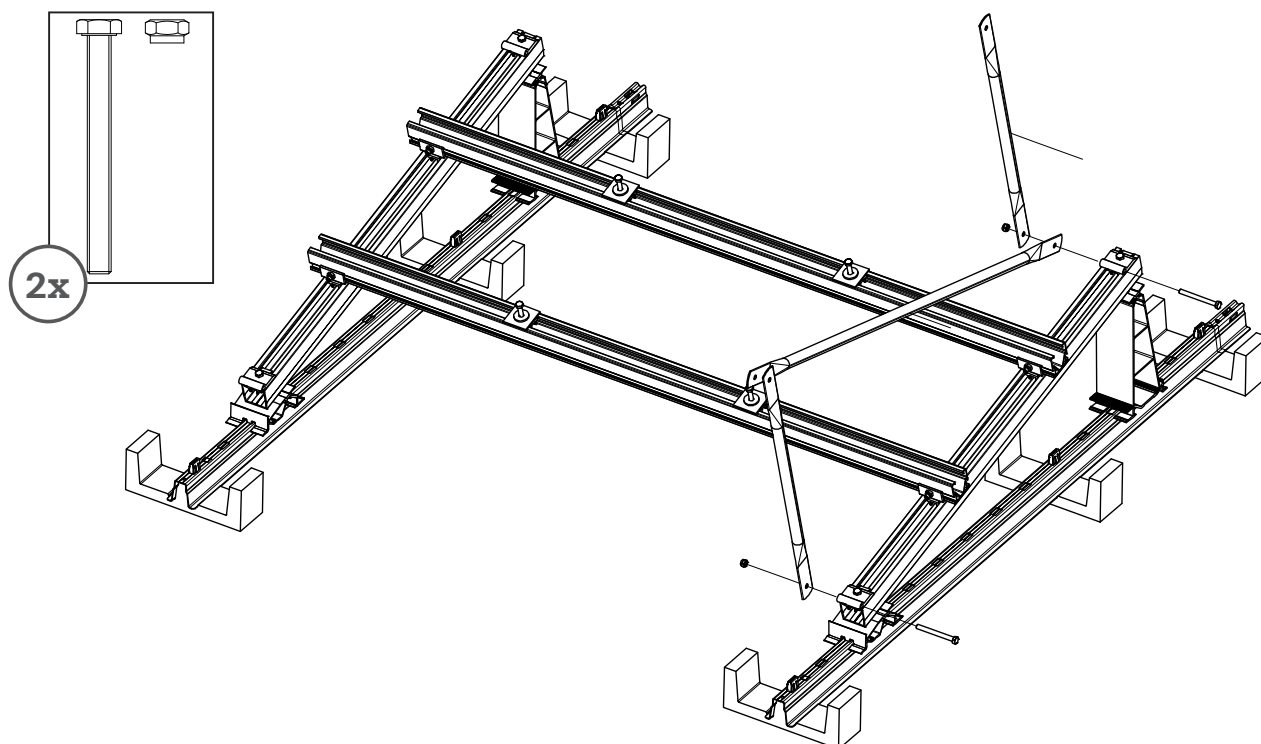
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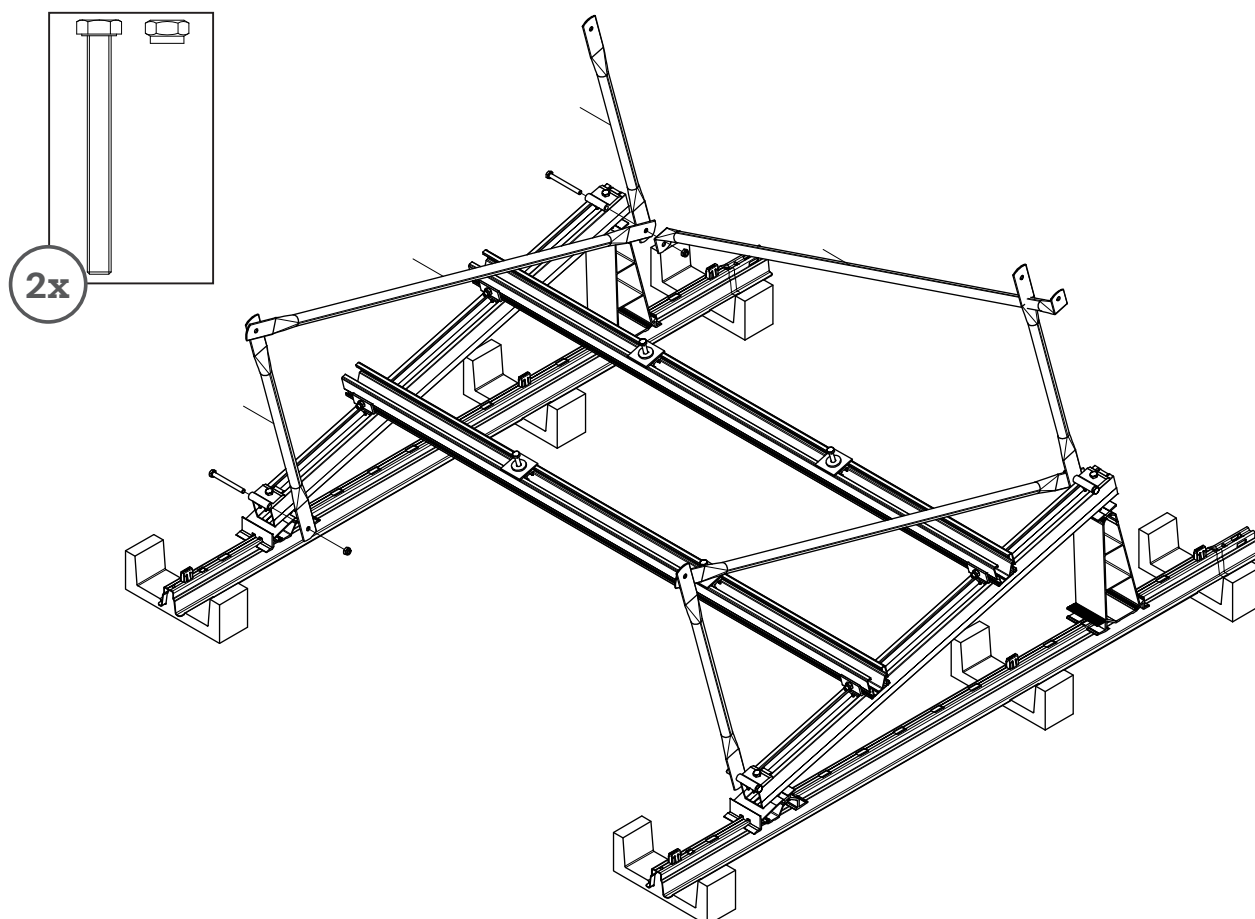
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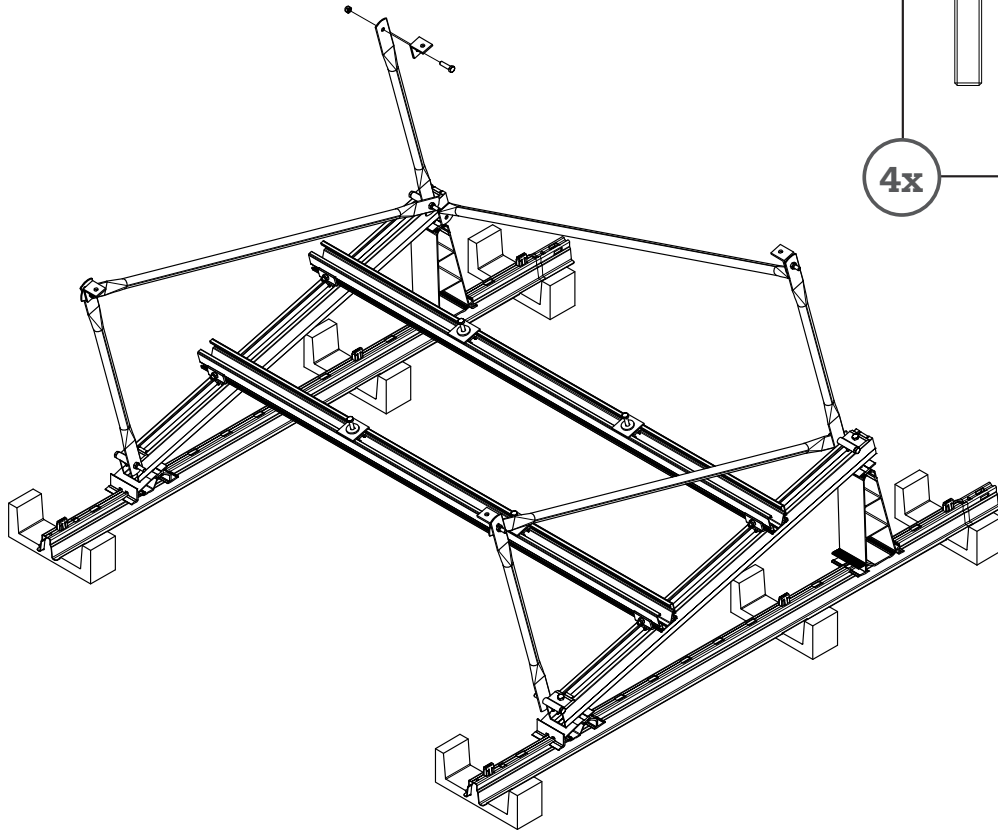
9



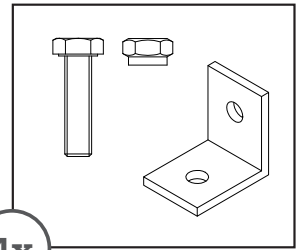
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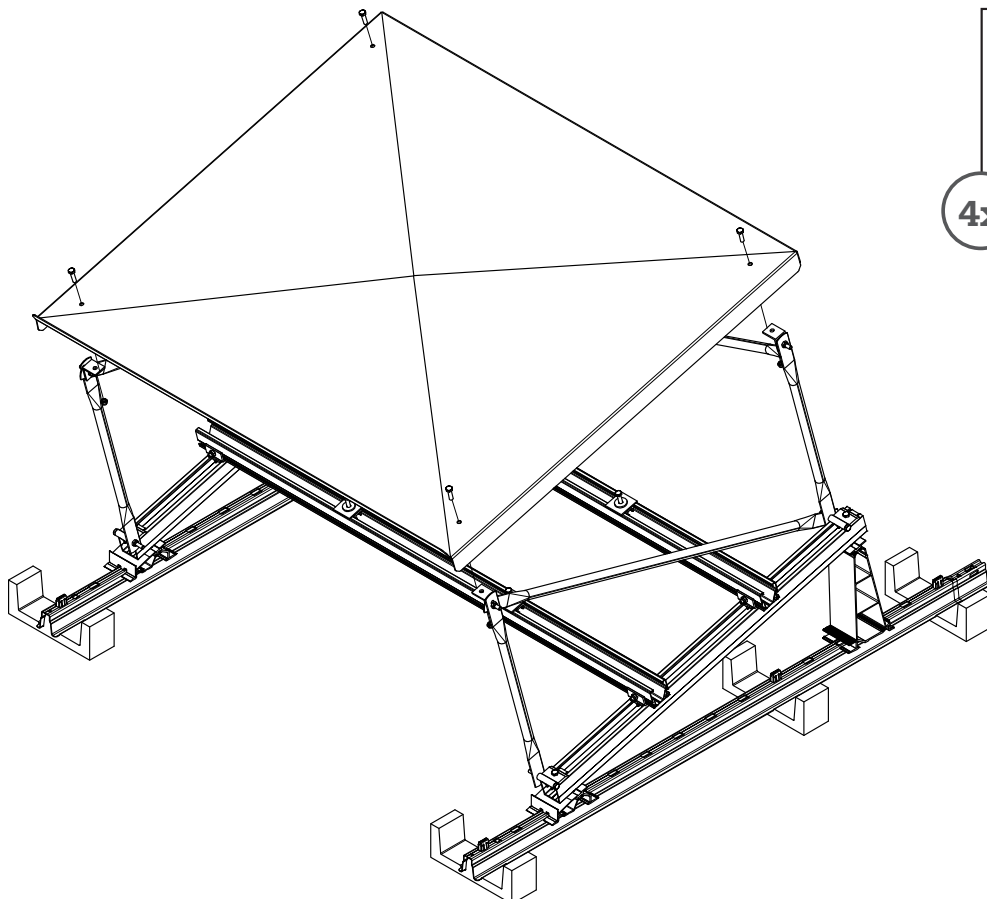
11



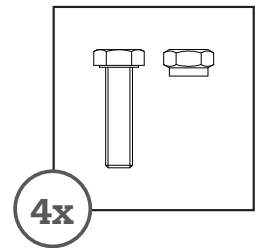
4x



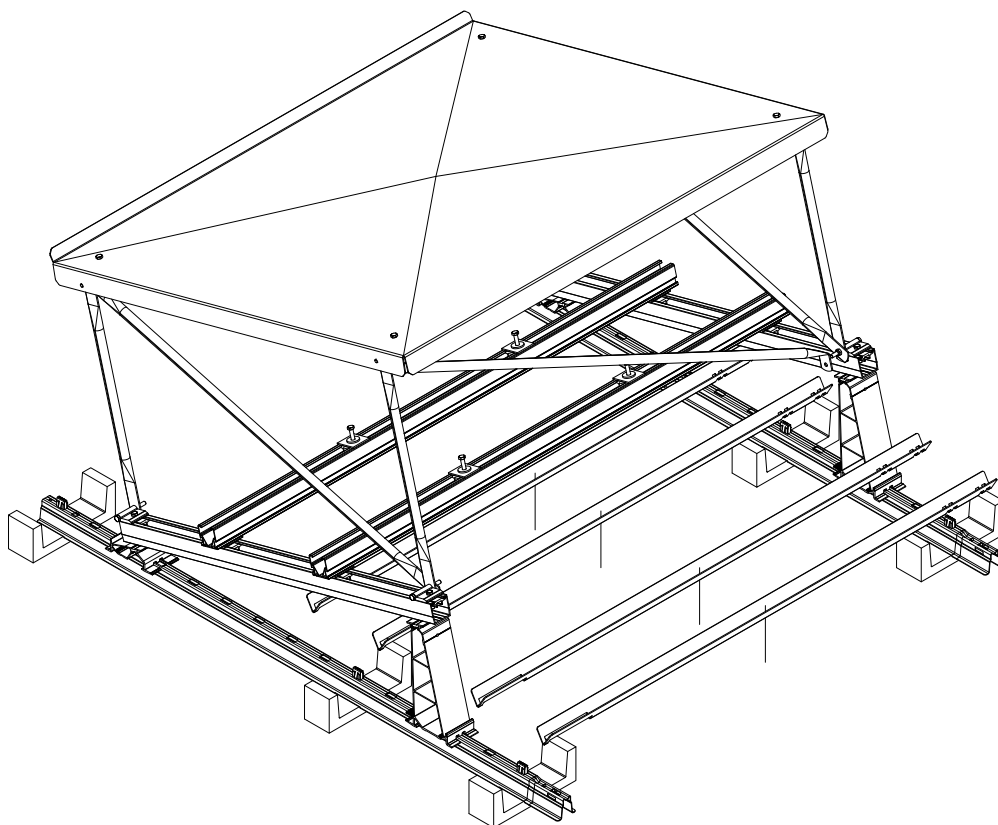
12



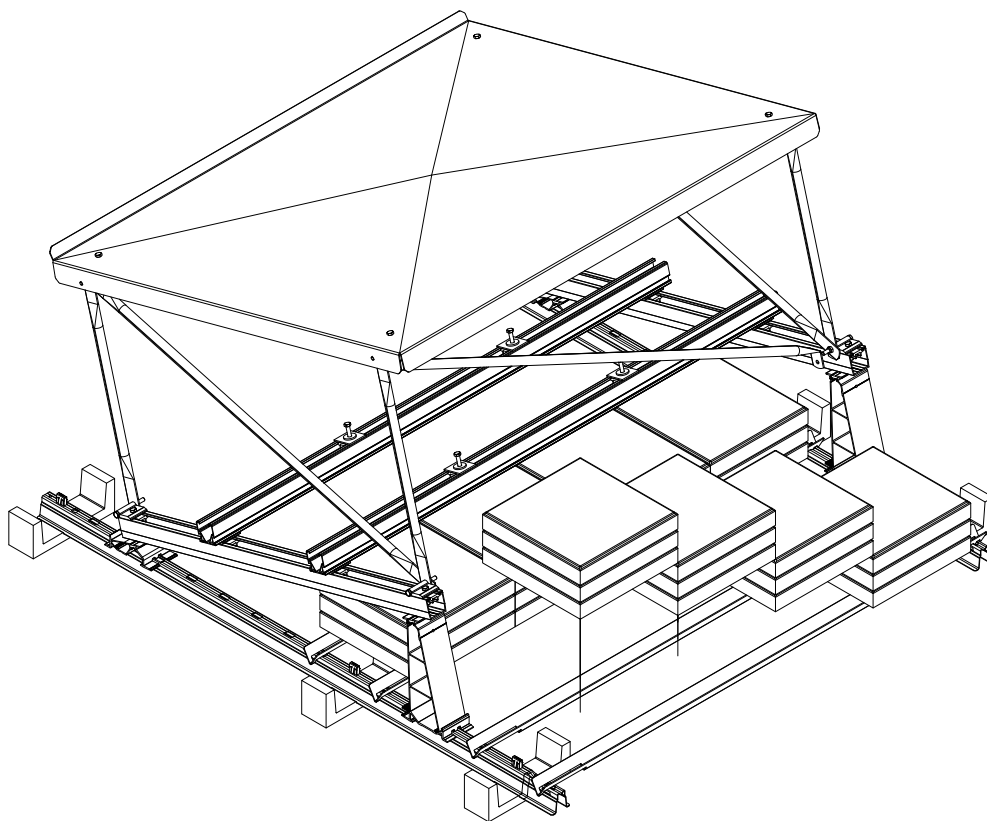
4x



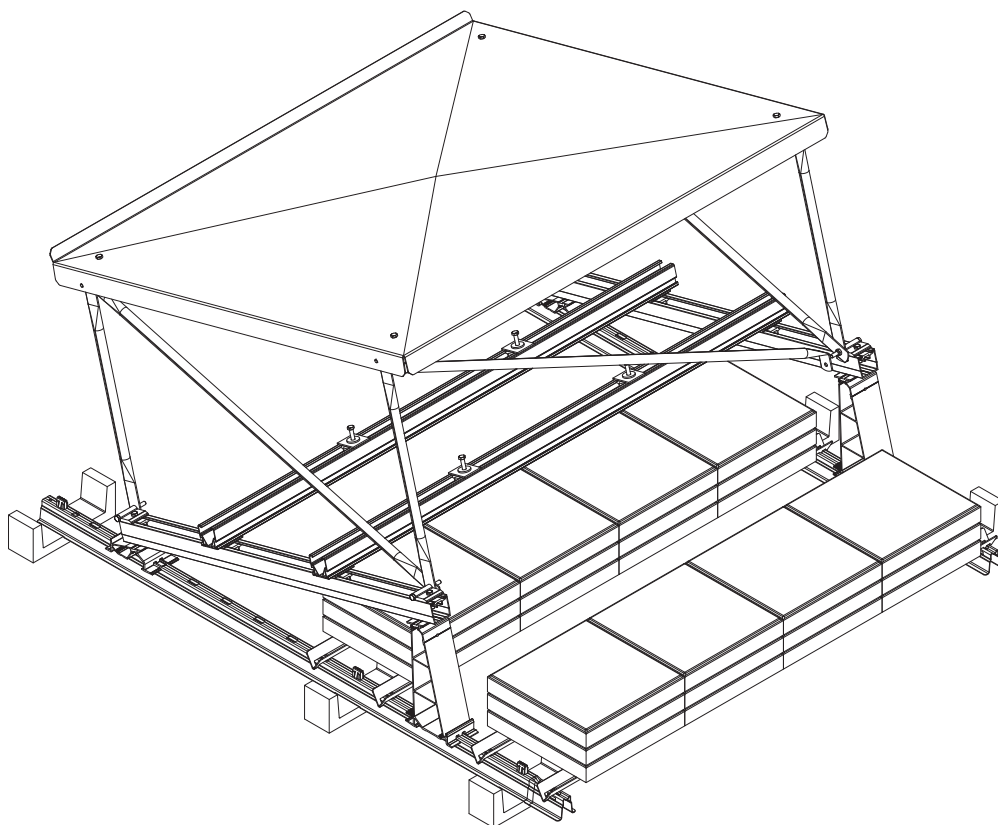
13



14

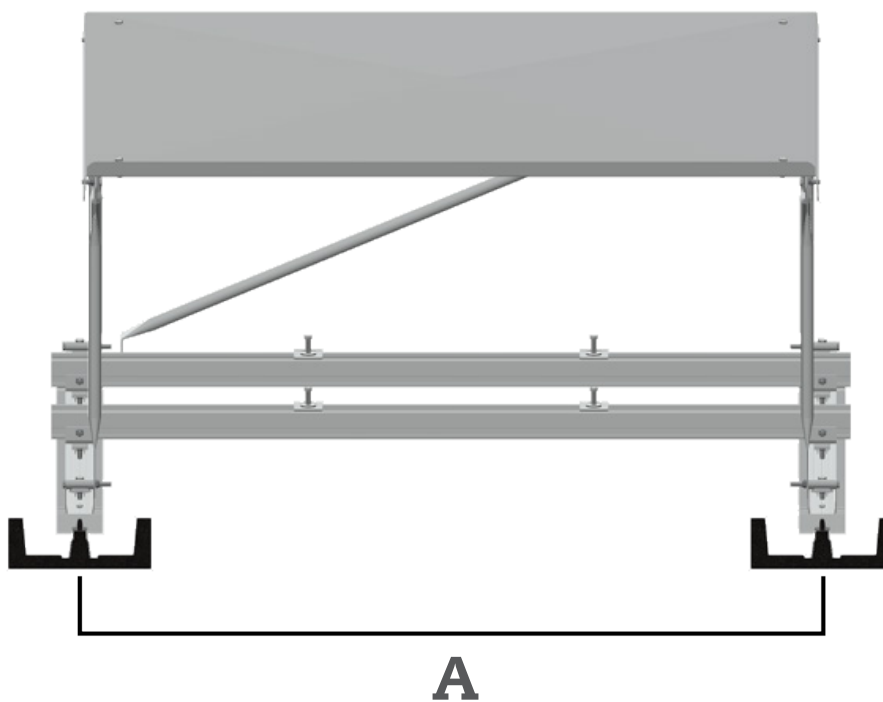


15



16

In geval van mechanische verankering



A = 1300 mm

Et voilà!

