

CORAB WS-016



INSTRUKCJA MONTAŻU

System wolnostojący, dwupodporony
wbijany w ziemię
5 modułów w rzędzie poziomo





INSTALLATION MANUAL

Ground mounted system, double support
rammed into the ground,
5 rows of landscape modules




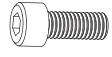
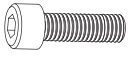














Narzędzia potrzebne do montażu/Tools needed for installation:



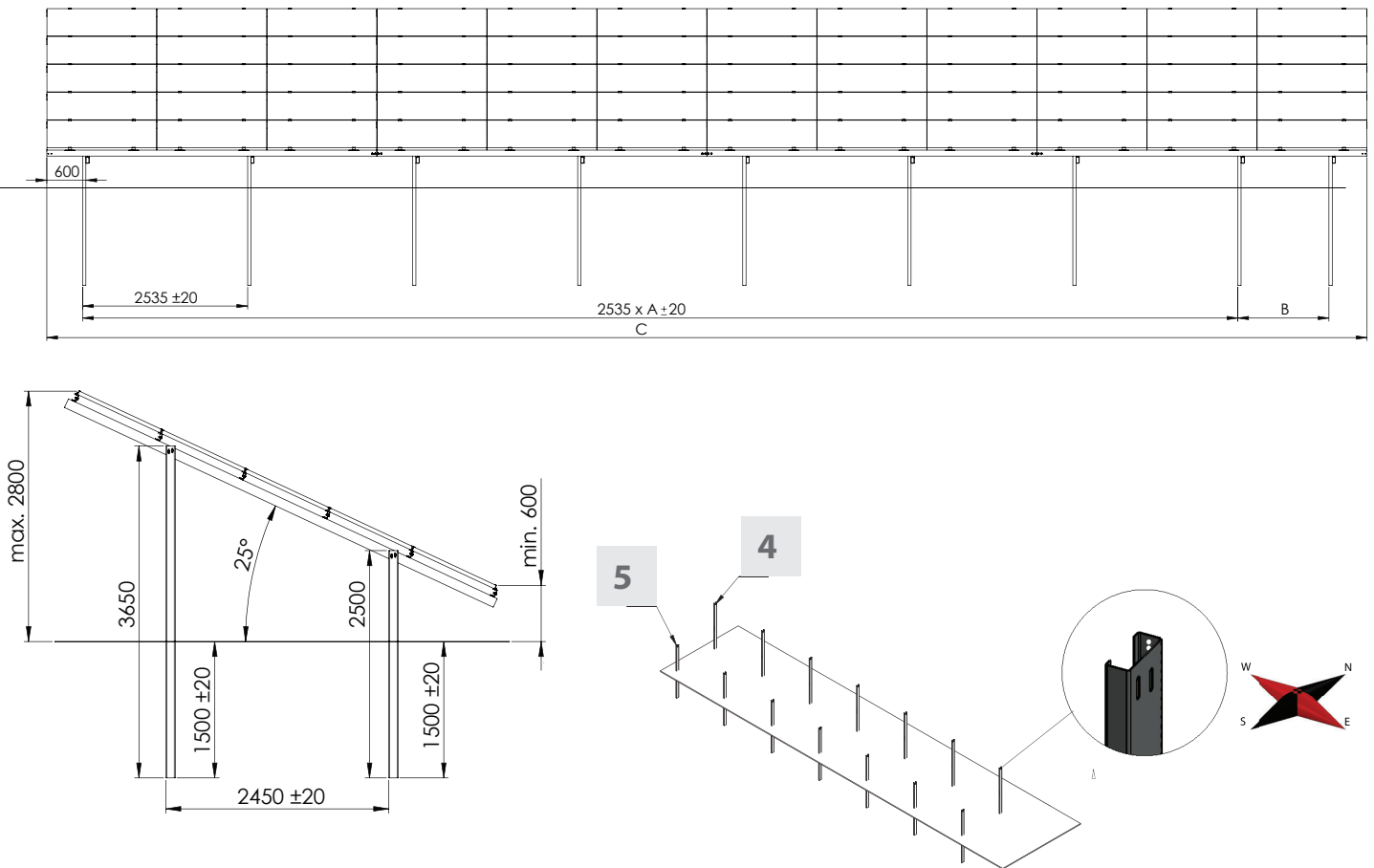
	rozmiar/size 6		rozm./size 2 x 19 mm
	wkrętarka/screwdriver		końcówki - bity imbusowe/ screwdriver bits



Elementy/Elements

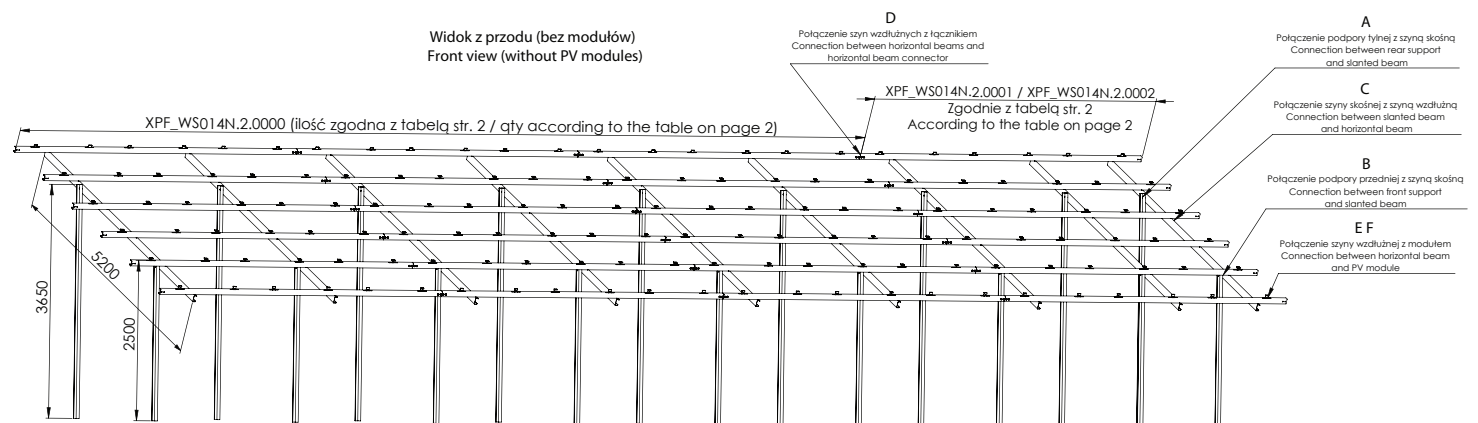
LP	Image	Indeks Index	Nazwa Name	Ilość modułów / Number of PV modules										
				60	55	50	45	40	35	30	25	20	15	10
16		M935	Podkładka sprężysta M8 Spring washer M8	144	132	120	108	96	84	72	60	48	36	24
15		M485	Śruba imbusowa M8x20 Socket screw M8x20	48	44	40	36	32	28	24	20	16	12	8
14		M682	Śruba imbusowa M8x55 Socket screw M8x55	96	88	80	72	64	56	48	40	32	24	16
13		M635	Nakrętka M12 Nut M12	162	152	152	118	108	108	74	64	64	30	20
12		M882	Podkładka sprężysta M12 Spring washer M12	162	152	152	118	108	108	74	64	64	30	20
11		M826	Śruba M12x30 Screw M12x30	162	152	152	118	108	108	74	64	64	30	20
10		XPF_M631	Podkładka M12 Washer M12	324	304	304	236	216	216	148	128	128	60	40
9		XPF_NAK001	Nakrętka młotkowa konstrująca 12x60x4 Hammer nut 12x60x4	144	132	120	108	96	84	72	60	48	36	24
8		Y_KK0019	Klema końcowa regulowana Adjustable end clamp	48	44	40	36	32	28	24	20	16	12	8
7		XPF_KL014	Klema środkowa Middle clamp	96	88	80	72	64	56	48	40	32	24	16
6		XPF_WS019N.5.0000	Łącznik szyny wzdłużnej Horizontal beam connector	18	18	18	12	12	12	6	6	6	-	-
5		XPF_WS007N.4.0000	Podpora przednia L=2500 Front support L=2500	9	8	8	7	6	6	5	4	4	3	2
4		XPF_WS019N.3.0007	Podpora tylna L=3650 Rear support L=3650	9	8	8	7	6	6	5	4	4	3	2
3		XPF_WS014N.2.0002	Belka wzdłużna L=1690 Horizontal beam L=1690	-	-	6	-	-	6	-	-	6	-	-
		XPF_WS014N.2.0001	Belka wzdłużna L=3380 Horizontal beam L=3380	-	6	-	-	6	-	-	6	-	-	6
2		XPF_WS014N.2.0000	Belka wzdłużna L=5070 Horizontal beam L=5070	24	18	18	18	12	12	12	6	6	6	-
1		XPF_WS016N.1.0000	Szyna skośna L=5200 Slanted beam L=5200	9	8	8	7	6	6	5	4	4	3	2

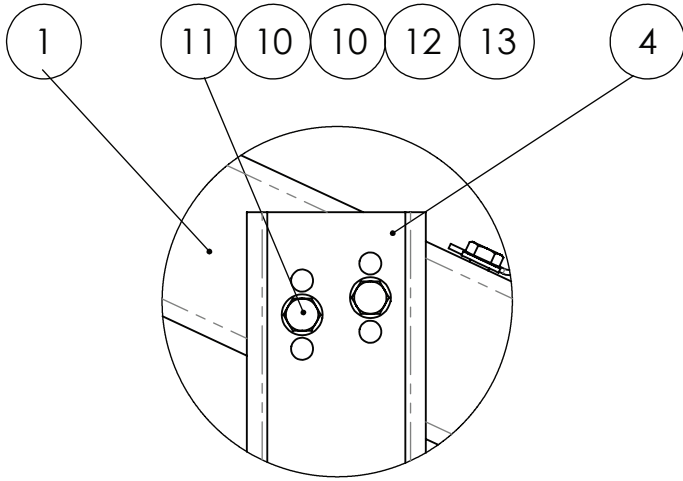
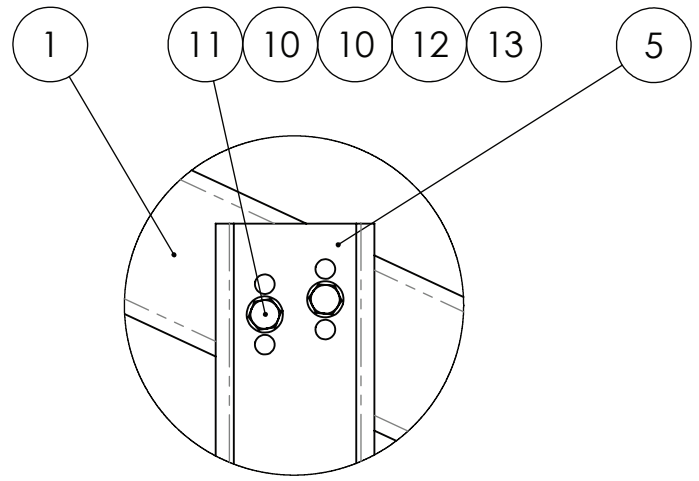
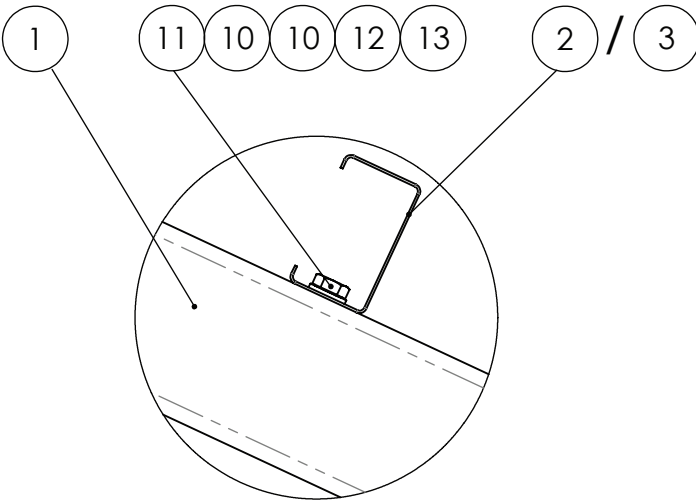
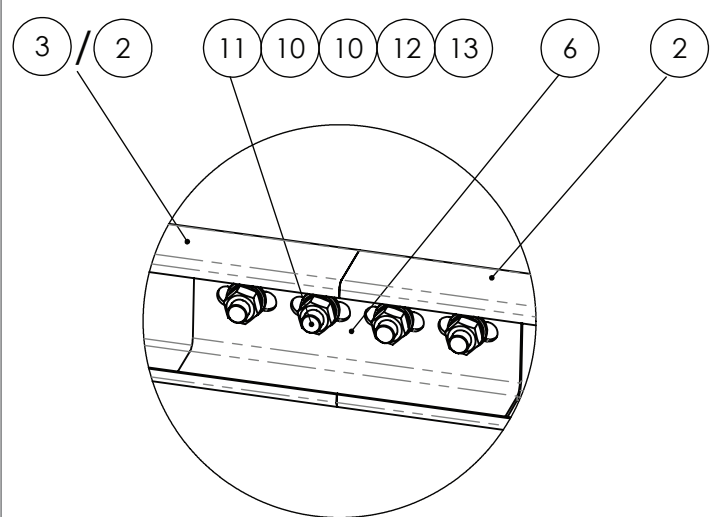
1



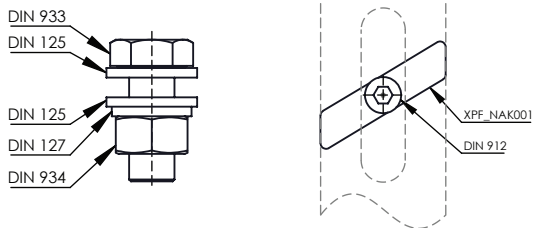
Ilość modułów / Number of PV modules											
	60	55	50	45	40	35	30	25	20	15	10
A	7	7	6	5	5	4	3	3	2	1	1
B	1400	-	900	1400	-	900	1400	-	900	1400	-
C	20280	18590	16900	15210	13520	11830	10140	8450	6760	5070	3380

2



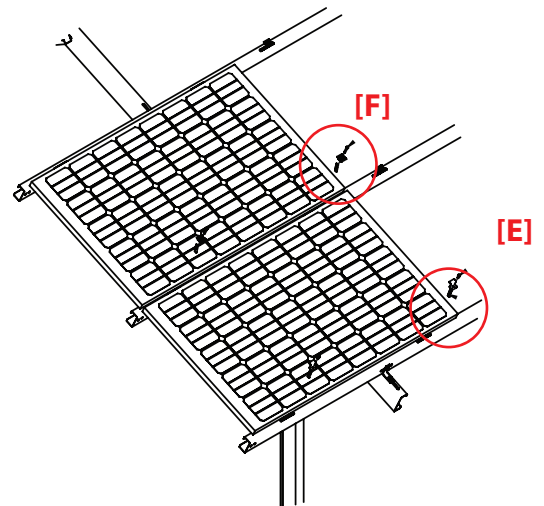
A**B****C****D**

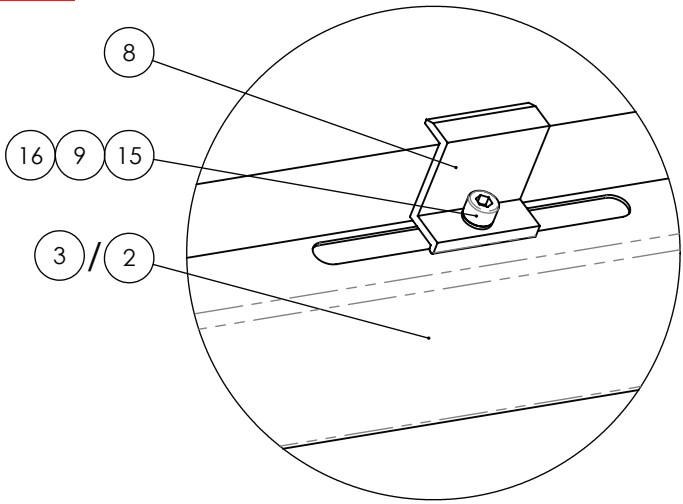
Schemat łączenia śrub
Scheme of tightening screws



Momenty dokręcenia śrub
Screws tightening torque

Wielkość śruby Screw size	Moment [Nm] Torque [Nm]
M12	57
M8	Zgodnie z instrukcją montażu modułu According to installation manual of modules



E**F**