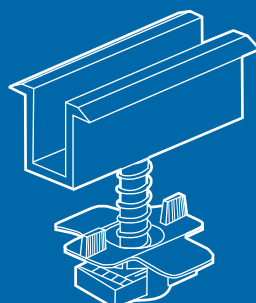
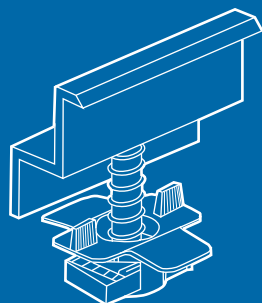
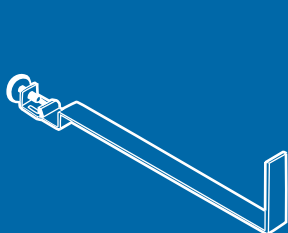


Kwikstrut

KWIKSTRUT-Solar products are a quick and cost effective way to mount and support solar panels



tyco

Fire Protection Products

KWIKSTRUT has developed a wide range of metal framing and pipe support systems, KWIKSTRUT-Solar. These products are designed to be used on most types of photovoltaic panels whether they be installed in fields, the desert, on mountains or on rooftops and presents time and cost effective solutions to installers and contractors who want to be competitive.





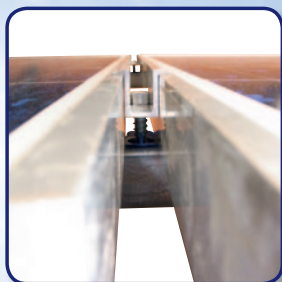
Reduce installation time and cost

The pre-assembled Three In One KWIKSTRUT-Solar support system enables installers to reduce the time taken to mount the photovoltaic panels which translates into an overall reduced cost.



Easy and quick to use

KWIKSTRUT-Solar support systems consist of pre-assembled bolts, washers and nuts that can easily be fitted on channels with one hand, saving time and money when out in the field.



Flexible and adjustable

KWIKSTRUT-Solar products can be used on a wide range of structures and angles.



High corrosion protection

All KWIKSTRUT-Solar Delta Tone and stainless steel parts are protected.



Lightweight and robust

KWIKSTRUT-Solar products allow an optimised weight load under extreme weather conditions.



Fast delivery

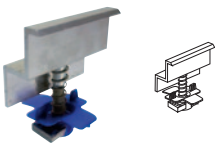
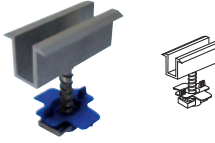
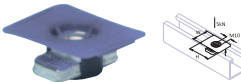
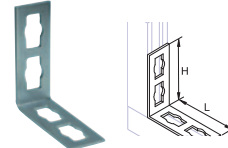
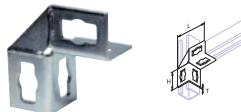
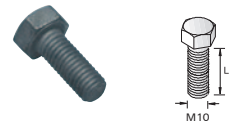
KWIKSTRUT-Solar products are dispatched from our regional stocking centres ensuring a quick response and optimised delivery times.

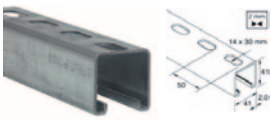
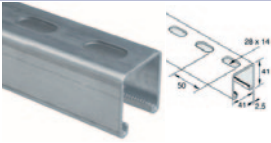
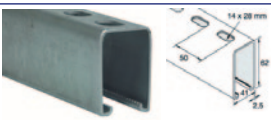
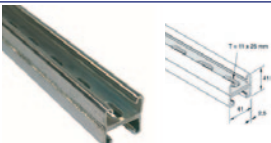
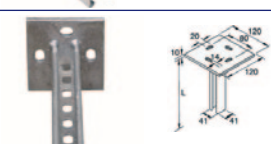
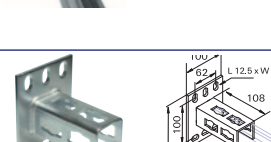
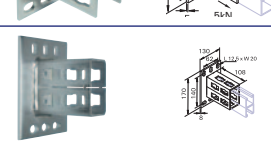
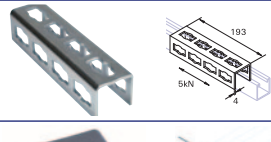


Customised Design

KWIKSTRUT-Solar products are designed to engineer customised total design solutions.



	Description	Article Number	Dimension (mm)	Weight (kg)	Material and Finish
	Solar End Clamp	1399300	H 35		Clamp: AL; Nut: S460MC -EN10149; Delta Tone - EN-ISO 9227 Screw & Spring: SS A2; Plastic part: PA
		1399400	H 36		
		1399500	H 38		
		1399600	H 40		
		1399700	H 42		
		1399800	H 46		
		1399900	H 50		
	Solar Middle Clamp	1399200	H 35 to 50		Clamp: AL; Nut: S460MC -EN10149; Delta Tone - EN-ISO 9227 Screw & Spring: SS A2; Plastic part: PA
	Channel Nut -QCN	1391034	W 34 x H 45		Steel DD11 - EN 10111; Delta Tone – EN-ISO 9227
		1391032	W 34 x H 45		Stainless Steel 1,4401
	Solar Angle Fitting 60°	1399100			Steel DD11 - EN 10111; Delta Tone - EN-ISO 9227
	Solar Lifting Point	1399322	L 322		Steel DD11 - EN 10111; Delta Tone - EN-ISO 9227
		1399390	L 390		
		1399425	L 425		
	Angle Fitting 90° – QFFA-HDG	1399024	L 65 x H 4		Steel DD11 – EN 10111; Delta Tone - EN-ISO 9227
		1399034	L 110 x H 4		
		1399044	L 110 x H 4		
		1359025			
		1359035			
	Angle Fitting – QFAZ-HDG	1399054	L 103 x H 58		Steel DD11 - EN 10111; Delta Tone - EN-ISO 9227
		1399064	L 150 x H 106		
		1359055	L 103 x H 58		Stainless Steel 1.4401
		1359065	L 150 x H 106		
	Adjustable Angle Fitting – QFFS-HDG	1390184	L 122 x H 55		Steel DD11 - EN 10111; Delta Tone - EN-ISO 9227
	Adjustable Angle – T Fitting – QFFSS-HDG	1390194	L 122 x H 55		Steel DD11 - EN 10111; Delta Tone - EN-ISO 9227
	U-shape Fitting – QFU-HDG	1394134	L 162 x W 52		Steel DD11 - EN 10111; Delta Tone – EN-ISO 9227
		1354138	L 162 x W 52		Stainless Steel 1.4401
	Steel Anchor – FAZ	03132 03152	M10/10 M12/20		Steel - HDG
	Concrete Screw – MMS-SW	1861002	L 90 x L 18		Stainless steel 1.9901
	Bolt DIN 933	933310x20	L 20		Steel 8.8 DIN – EN-ISO-4017; HDG
		933310x25	L 25		
		933310x30	L 30		
		933310x40	L 40		
		933310x50	L 50		
	Nut DIN 934	9343M10			Steel 8 DIN - EN ISO 4032; HDG
	Washer DIN 125-1A	1253M10			Steel DIN - EN ISO 7098; HDG

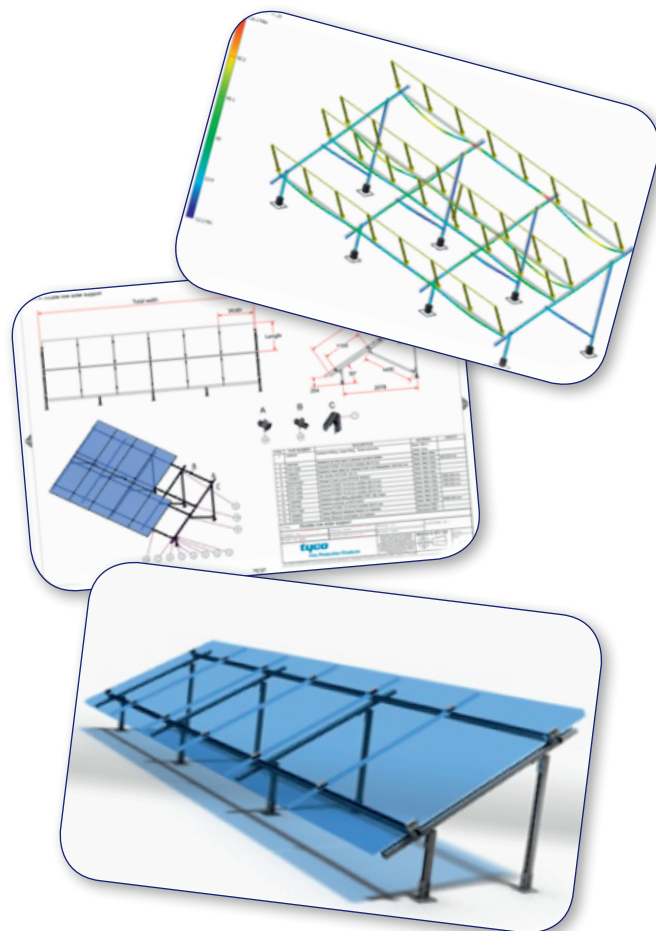
	Description	Article Number	Dimension (mm)	Weight (kg)	Material and Finish
	Single Support Channel – T1100T	P1111236	L 6000	13.08	Steel S280JR - EN 10025; HDG ENHSO1461:1999
	Single Support Channel P1000T HDG	P1011236	L 6000	16.40	Steel S280JR - EN 10025; HDG ENHSO1461:1999;
	P1000T SS	P1011246	L 6000	14.88	Stainless Steel- 1.4404; EN 10088-2
	Single Support Channel P5500T HDG	P5511236	L 6000	21.61	Steel S280JR - EN 10025; HDG ENHSO1461:1999
	Double Support Channel P3301T10-HDG	P3331336	L 6000	21.13	Steel S280JR - EN 10025; HDG ENHSO1461:1999
	P3301T10-SS	P3321346	L 6000	21.18	Stainless Steel- 1.4404; EN 10088-2
	Double Support Channel P1001T-HDG	P1031236	L 6000	32.80	Steel S280JR - EN 10025; HDG ENHSO1461:1999
	P1001T-SS	P1021246	L 6000	29.77	Stainless Steel- 1.4404 - EN 10088-2
	Double Support Channel P5501T-HDG	P5521236	L 6000	42.23	Steel S280JR - EN 10025; HDG ENHSO1461:1999
	Vertical Support - KM	KM5003	L 500	2.50	Steel DD11 - EN 10111; HDG ENHSO 1461:1999
		KM7503	L 750	3.10	
		KM10003	L 1000	3.70	
		KM12503	L 1250	3.70	
	Vertical Support - KH	KH5003	L 500	4.50	Steel DD11 - EN 10111; HDG ENHSO 1461:1999
		KH7503	L 750	6.25	
		KH10003	L 1000	7.10	
		KH12503	L 1250	7.00	
		KH15003	L 1500	9.80	
		KH20003	L 2000	13.36	
	Channel Base Fitting - QB41-HDG	1394153		0.77	Steel DD11 - EN 10111; Delta Tone – EN-ISO 9227
		1394158		0.70	Stainless Steel – 1.4401
	Channel Base Fitting - QB82-HDG	1394454		1.92	Steel DD11 - EN 10111; Delta Tone – EN-ISO 9227
	Channel Coupler – QFDC-HDG	1394144		0.51	Steel DD11 - EN 10111 Delta Tone – EN-ISO 9227
		1354148		0.46	Stainless Steel 1.4401
	Channel - Endcap	1392197	W41 x H 21		Polypropylene
		1394197	W41 x H 21		
		1396297	W41 x H 62		
	Channel Socket	17AF 17AF/P3300	H 41 to 83 H 21		Steel DD11 - EN 10111; Electro zinc plated
	Channel Nut QFNH-HDG	1391019		0.10	Screw: DIN 933-8.8; Nut and Washer: Steel DD11 - EN 10111 Delta tone – EN-ISO 9227
	QFNH-SS	1391118		0.09	Stainless steel 1.4401

From design...To build

In order to meet our clients' requirements and the industrial standards for photovoltaic support systems, Tyco FPP offers CAD drawings and mechanical design services that help to ensure that our KWIKSTRUT-Solar support solutions and systems are applied in the best possible manner during the concept, design, installation and maintenance phase.

Our technical design services provide:

- Free pre-calculated single and double row solar support solutions
- Total engineering customised solutions
- Easy-to-follow, tagged 3D Isometric Drawings with complete Bill of Material (BOM) tables
- Wind & snow load calculation according to DIN1055-4, DIN 1055-5, Euro code 1-3 Euro code 1-4
- Static linear material calculations of assembled channels



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