



Power cable accessories catalogue

Cable Cleats



Jointing Tech



THE POWER TO DELIVER

Solar | Making your future brighter

Jointing Tech is a specialist medium voltage distributor supplying a range of power cable and accessories into the solar industry.

The growth in the UK solar market has seen Jointing Tech expand its business by providing design, product supply and technical support to solar farm developers and cable contractors working on some of the largest solar projects in the UK.

The Jointing Tech range of products and services includes:

- Distribution Transformers
- Switchgear
- LV Cabinets
- Earthing (inc HDC Cable)
- Troughing
- MV Joints
- MV Terminations
- HV Joints
- HV Terminations
- Insulation
- MV Power Cable
- DC Cable
- Earthing Design
- Lugs and Connectors
- Tool Hire and Sales

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Cable Cleats

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This 'mini-catalogue' focusing on Cable Cleats is part of a larger, more comprehensive Power Cable Accessories Catalogue produced by Jointing Tech.

Please visit our website for more information and/or a copy of the full catalogue.

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Cable Gland & Cleat Selector

For XLPE/SWA/PVC and LSF 600/1000 Volt Power Cables

CABLE SPEC		CLEATS				GLANDS		
Conductor Area mm ²	Number of cores	Telcleats 385AA	Aluminium Claw Cleats 370BA	Plastic LSF Cleats E	Aluminium Cleats SW1/2B	BW Indoor	CW Indoor/Outdoor	E1W E1WF
1.5	2	1	1	0	-	20S	20SS	20SS
	3	1	1	0	-	20S	20SS	20SS
	4	1	1	0	-	20S	20S	20S
	7	2	2	1	2	20S	20S	20S
	12	3	3	2	3	20	20	20
	19	4	4	3	4	25	25	25
	27	5	5	4	5	25	25	25
	37	6	6	5	6	32	32	32
2.5	48	6	6	5	6	32	32	32
	2	1	2	0	2	20S	20S	20S
	3	1	2	1	2	20S	20S	20S
	4	2	2	1	2	20S	20S	20S
	7	2	3	2	3	20	20	20
	12	4	4	3	4	25	25	25
	19	5	5	4	5	25	25	25
	27	6	6	5	6	32	32	32
4	37	6	6	6	6	40	40	40
	2	2	2	1	2	20S	20S	20S
	3	2	2	1	2	20	20	20
	4	3	3	2	3	20	20	20
6	2	3	3	2	3	20	20	20
	3	3	3	2	3	20	20	20
	4	4	4	3	4	20	20	20
10	2	4	4	3	4	25	25	25
	3	4	4	3	4	25	25	25
	4	4	5	4	5	25	25	25
16	2	4	4	3	4	25	25	25
	3	4	5	4	5	25	25	25
	4	5	6	4	6	25	25	25
25	2	4	4	4	4	25	25	25
	3	5	6	5	6	32	32	32
	4	6	6	5	6	32	32	32
35	2	5	5	5	5	32	32	32
	3	5	6	5	6	32	32	32
	4	6	6	5	6	32	32	32
50	2	5	6	5	6	32	32	32
	3	6	6	5	6	32	32	32
	4	6	6	6	6	40	40	40
70	2	6	6	5	6	32	32	32
	3	6	7	6	7	40	40	40
	4	7	7	7	7	40	40	40
95	2	6	7	6	7	40	40	40
	3	7	7	7	7	40	40	40
	4	8	8	7	8	50	50	50S
120	2	7	7	6	7	40	40	40
	3	7	8	7	8	50	50	50S
	4	8	9	8	9	50	50	50
150	2	7	8	7	8	50	50	50S
	3	8	9	8	9	50	50	50S
	4	-	10	9	10	50	50	50
185	2	8	9	8	9	50	50	50S
	3	8	9	9	9	50	50	50
	4	-	10	10	10	63	63	63S
240	2	8	9	8	9	50	50	50
	3	-	10	10	10	63	63	63S
	4	-	11	11	11	63	63	63
300	2	-	10	9	10	63	63	63S
	3	-	11	11	11	63	63	63
	4	-	12	12	12	75	75	75S
400	2	-	11	10	11	63	63	63
	3	-	12	12	12	75	75	75S
	4	-	13	14	13	75	75	75

Gland size recommendations only apply to Prysmian Glands - as stocked by Jointing Tech



FEATURES

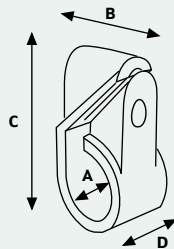
- Light duty wrap around cleat
- Overlapping self adjusting ranges
- One piece, single fixing design
- Can be double stacked one fixing
- Black UV Resistant
- Eight sizes in range
- Operating temperature -70°C to +70°C
- LSF type tested to LUL specification
- Black low-density polyethylene - unaffected by corrosive environments, oils and many chemicals
- Flammability rating UL 94 - V2

Indoor for 10 - 51mm diameter cables

Part Number		Diameter Range
Standard	LSF	
385AA01	385LSF01	10-15mm
385AA02	385LSF02	12-17mm
385AA03	385LSF03	15-20mm
385AA04	385LSF04	18-24mm

Part Number		Diameter Range
Standard	LSF	
385AA05	385LSF05	22-29mm
385AA06	385LSF06	26-34mm
385AA07	385LSF07	32-42mm
385AA08	385LSF08	39-51mm

Cable Cleat Details



Cable & Cleat Section		Cleat Details							
Part Number	Cable Diameter Range A	Dimensions (mm)				SWL (FOS 3) kgf	Approx. Weight g	Roundhead Woodscrew for Masonry, Concrete or Wood ins x No	Screw Cable Tray mm
		B		C	D				
		Min	Max						
385AA01	10-15mm	15	18	32	12	17	2.3	1¼ x 8	M4 x 30
385AA02	12-17mm	17	22	36	14	22	3.4	1½ x 8	M4 x 35
385AA03	15-20mm	21	26	43	16	32	5.5	1¾ x 8	M4 x 40
385AA04	18-24mm	25	31	51	18	40	8.6	2 x 8	M4 x 45
385AA05	22-29mm	30	37	57	20	47	12.4	2¼ x 12	M6 x 50
385AA06	26-34mm	35	43	65	22	59	16.4	2½ x 12	M6 x 60
385AA07	32-42mm	42	52	78	25	79	24	2¾ x 12	M6 x 70
385AA08	39-51mm	50	62	91	26	82	35	3¼ x 12	M7 x 80

Single and Two Bolt Cleat - LSF

FEATURES

- Low Smoke Fume (LSF) Product
- Compact mechanical properties offering high impact strength
- Self Extinguishing and flame retardant
- Can be double stacked
- 16 sizes in range
- Operating temperature range -10°C to +120°C
- Two bolt cleats available in red for MV cables



Indoor and outdoor for
8.5mm to 81mm diameter
cables

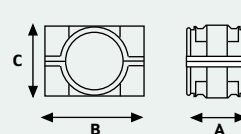
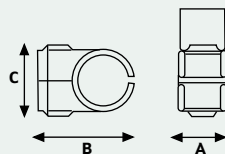
SINGLE BOLT CLEAT Part Number	Diameter Range
CE00	8.5-11mm
CE0	11-13.5mm
CE1	13.5-16mm
CE2	16-19mm
CE3	19-22mm

SINGLE BOLT CLEAT Part Number	Diameter Range
CE4	22-26.5mm
CE5	26.5-32mm
CE6	32-38mm
CE7	38-44mm
CE8	44-50mm

TWO BOLT CLEATS		Diameter Range
Part Number		
Black	Red	
CE9	CEH9	50-54.5mm
CE10	CEH10	54.5-59mm
CE11	CEH11	59-64mm

TWO BOLT CLEATS Part Number		Diameter Range
Black	Red	
CE12	CEH12	64-68mm
CE13	CEH13	68-74mm
CE14	CEH14	74-81mm

Cable Cleat Details



Part Number	Cable Diameter mm		Cleat Dimensions mm			Approx. Weight g
	Min	Max	A	B	C	
E00	8.5	11	43	47	33	34
E0	11	13.5	43	51	35	37
E1	13.5	16	43	54	38	42
E2	16	19	43	58	41	45
E3	19	22	43	60	44	50
E4	22	26.5	43	64	48	56
E5	26.5	32	43	70	54	62
E6	32	38	43	80	60	79
E7	38	44	43	85	66	83
E8	44	50	43	88	71	87
E9	50	54.5	60	97	67	121
E10	54.5	59	60	97	72	131
E11	59	64	60	97	76	145
E12	64	68	60	116	80	166
E13	68	74	60	116	90	168
E14	74	81	60	116	90	188

Single Bolt Hook Cleat - Heavy Duty

Bicon



FEATURES

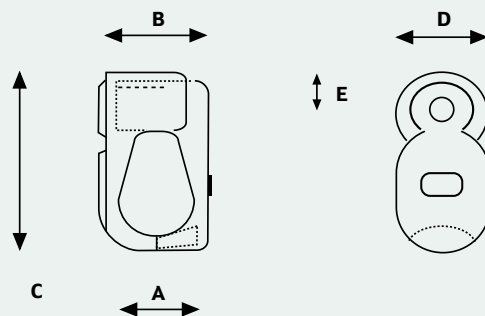
- Manufactured from glass filled nylon and LSOH materials
- Can take a large range of cables
- Can be installed in a temporary open position
- Two piece single fixing design
- Can be double stacked on one fixing
- Black UV resistant
- Available in six sizes
- Operating temperature -20°C to +90°C

Indoor/Outdoor for 25mm to 80mm diameter cables

Part Number		Diameter Range
Standard	LSF	
384AA01	384LSF01	25-35mm
384AA02	385LSF02	34-44mm
384AA03	384LSF03	43-53mm

Part Number		Diameter Range
Standard	LSF	
384AA04	384LSF04	52-62mm
384AA05	384LSF05	61-71mm
384AA06	384LSF06	70-80mm

Cable Cleat Details



Part Number	Cable Diameter A mm		Cleat Dimensions mm				
			B		C	D	E
	Min	Max	Min	Max			
384AA01	25	35	36	46	76	40	18
384AA02	34	44	44	54	85	40	18
384AA03	43	53	56.5	66.5	96	40	18
384AA04	52	62	65.5	75.5	106	40	18
384AA05	61	71	78	88	119	44	20
384AA06	70	80	87	97	129	44	20

Single Bolt Claw Cleat

FEATURES

- High Grade LM6 Aluminium
- Can be used on all types of cable routes
- Available in cast iron to withstand a two hour excursion to 1000°C
- Plain finish-for normal industrial areas or outdoor unpolluted areas
- Epoxy coated version available for harsher environments
- Packing pieces to be used where required
- Two piece, single fixing design
- Single bolt can be stacked to a maximum of three on one fixing
- Available in nine sizes
- Operating temperature -60°C to +105°C



Indoor/Outdoor for 10mm to 51mm diameter cables

Part Number	Diameter Range
C370BA01	10-13mm
C370BA02	13-16mm
C370BA03	16-19mm
C370BA04	19-22mm
C370BA05	22-25mm

Part Number	Diameter Range
C370BA06	25-32mm
C370BA07	32-38mm
C370BA08	38-44mm
C370BA09	44-51mm

Cable Cleat Details

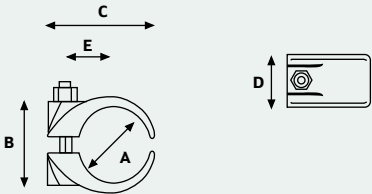


Table & Cleat Selection			Cleat Details					
Part Number	Cable Diameter A mm		Dimensions mm				Approx. Weight	Stud Size
	Min	Max	B	C	D	E		
370BA01	10	13	21	38	46	16	60	M10
370BA02	13	16	21	38	46	16	50	M10
370BA03	16	19	24	41	46	18	60	M10
370BA04	19	22	27	44	46	19	70	M10
370BA05	22	25	30	48	46	21	80	M10
370BA06	25	32	37	54	46	24	90	M10
370BA07	32	38	43	60	46	27	110	M10
370BA08	38	44	49	67	46	30	120	M10
370BA09	44	51	56	73	46	34	150	M10

Single Bolt Cleat



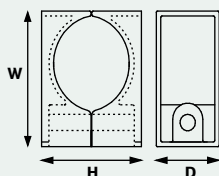
FEATURES

- High grade aluminium LM6
- Can be used on all types of cable routes
- Two piece, single fixing design
- Product can be double stacked
- Available on request in epoxy coated version for more hostile environments
- Operating Temperature -60C to +85C
- Tested to BS EN 50383
- LM6 Grade Aluminium to BS 1432

Indoor/Outdoor for 13mm to 70mm diameter cables

Part Number	Diameter Range	Part Number	Diameter Range
SW1B2	13-16mm	SW1B8	38-44mm
SW1B3	16-19mm	SW1B9	44-51mm
SW1B4	19-22mm	SW1B10	51-57mm
SW1B5	22-25mm	SW1B11	57-64mm
SW1B6	25-32mm	SW1B12	64-70mm
SW1B7	32-38mm		

Cable Cleat Details



Part Number	Cable Range		Dimensions			Fixing Hole mm	Item Weight g
	Min Dia mm	Max Dia mm	W mm	H mm	D mm		
SW1B2	13	16	44	34	43	M10	80
SW1B3	16	19	48	36	43	M10	91
SW1B4	19	22	50	38	43	M10	98
SW1B5	22	25	53	40	43	M10	100
SW1B6	25	32	59	44	43	M10	120
SW1B7	32	38	65	50	43	M10	132
SW1B8	38	44	71	56	43	M10	152
SW1B9	44	51	78	63	43	M10	168
SW1B10	51	57	84	73	43	M10	202
SW1B11	57	64	91	80	43	M10	189
SW1B12	64	70	97	89	43	M10	253

Two Bolt Cleat

FEATURES

- High Grade Aluminium LM6
- Two piece, two fixing design
- Can be double stacked on common fixings
- Available in epoxy coated version for more hostile environments
- Tested to BS EN 50368
- Operating temperature -60°C to + 100°C
- Larger sizes have optional rubber liners



Indoor/Outdoor for 51mm to 159mm diameter cables

Part Number	Diameter Range
370BA10	51-57mm
370BA11	57-64mm
370BA12	64-70mm
370BA13	70-76mm
370BA14	76-83mm
370BA15	83-89mm
370BA16	89-95mm
370BA17	95-101mm
370BA18	101-108mm

Part Number	Diameter Range
370BA19	108-114mm
370BA30	115-121mm
370BA31	121-127mm
370BA32	127-133mm
370BA33	133-140mm
370BA34	140-146mm
370BA35	146-152mm
370BA36	152-159mm

Cable Cleat Details

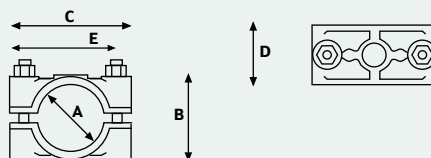


Table & Cleat Selection			Cleat Details					
Design Number	Cable Diameter A mm		Dimensions mm				Approx. Weight	Stud Size
	Min	Max	B Max	C	D	E		
370BA10	51	57	70	98	49	76	230	M10
370BA11	57	64	76	98	49	76	240	M10
370BA12	64	70	82	135	64	114	384	M10
370BA13	70	76	88	135	64	114	385	M10
370BA14	76	83	96	140	64	114	420	M12
370BA15	83	89	101	140	64	114	490	M12
370BA16	89	95	108	152	76	126	642	M12
370BA17	95	101	114	152	76	126	642	M12
370BA18	101	108	120	165	76	140	650	M12
370BA19	108	114	126	165	76	140	650	M12
370BA30	115	121	133	175	100	150	734	M12
370BA31	121	127	139	175	120	150	720	M12
370BA32	127	133	145	200	120	175	970	M12
370BA33	133	140	152	200	120	175	956	M12
370BA34	140	146	158	200	120	175	935	M12
370BA35	146	152	164	210	120	185	893	M12
370BA36	152	159	172	215	150	190	1325	M12



FEATURES

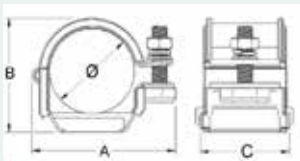
- Suitable for use with cable diameters 33 to 150mm
- Single way, single bolt fixing
- Operating temperature -40°C to +120°C
- Simple installation with single tool tightening from the top side
- Manufactured from non-magnetic, corrosion resistant 316L stainless steel
- Cleat complete with LSOH rubber liner
- Suitable for use with single and multicore cables with high fault current requirements
- Can be used in harsh environments
- Complies with IEC 61914:2009

Indoor/Outdoor for 33mm to 150mm diameter cables

Part Number	Diameter Range
379SC01	33-40mm
379SC02	38-46mm
379SC03	45-53mm
379SC04	52-60mm
379SC05	59-67mm

Part Number	Diameter Range
379SC06	66-74mm
379SC07	72-82mm
379SC08	82-92mm
379SC09	92-103mm

Cable Cleat Details



Part Number	Cable Diameter	Dimensions (mm)			Weight (g)
		A	B	C	
379CS01	33-40mm	86	65	60	435
379CS02	38-46mm	92	71	60	467
379CS03	45-53mm	99	78	60	499
379CS04	52-60mm	106	85	60	530
379CS05	59-67mm	113	92	60	526
379CS06	66-74mm	120	99	60	558
379CS07	72-82mm	132	111	60	639
379CS08	82-92mm	141	120	60	683
379CS09	92-103mm	151	130	60	737
379CS10	103-113mm	160	139	60	784
379CS11	113-123mm	169	148	60	764
379CS12	122-132mm	178	157	60	865
379CS13	131-141mm	187	165	60	908
379CS14	140-150mm	196	175	60	950

Shoe Cleat

FEATURES

- To allow greater distances between each cable cleat
- Designed to allow potentially damaging load to be spread over a longer length
- Based on the 370 series aluminium two bolt cleat with the shoe made from 316L stainless steel
- Complete with a rubber liner
- Designed and formed with the correct bend radius to match the cables expansion curve

PRICON



Cable Cleat Details

Part Number	Cable Diameter	Stud Size	Bolt Centres	Length	Expansion Radius
370BA16SL	78-85mm	M12	126mm	400mm	3000
370BA30SL	105-111mm	M12	150mm	450mm	3000
370BA31SL	111-117mm	M12	150mm	500mm	3000
370BA32SL	117-123mm	M12	175mm	600mm	3000
370BA33SL	123-130mm	M12	175mm	700mm	3000
370BA34SL	130-136mm	M12	175mm	700mm	3000
370BA35SL	136-142mm	M12	185mm	800mm	3000
370BA36SL	142-149mm	M12	190mm	800mm	3000

Linear Short Circuit Straps

FEATURES

- The linear short circuit strap is to be used in conjunction with shoe cleats on high voltage installations to maintain single core spacings
- Linear straps can be used in vertical or horizontal installations
- Options are available for them to be supplied with or without rubber liners
- Cable separation can be done at 300,400,500,600 or 700mm
- Available in two and three way



Short circuit straps for 79mm to 156mm diameter cables

Part Number				Cable Diameter (min-max) mm
Aluminium Alloy		Epoxy Coated Aluminium Alloy		
3 Way	2 Way	3 Way	2 Way	
370SA16-XXX	370SA66-XXX	370SB16-XXX	370SB66-XXX	79-85
370SA17-XXX	370SA67-XXX	370SB17-XXX	370SB67-XXX	85-91
370SA18-XXX	370SA68-XXX	370SB18-XXX	370SB68-XXX	91-98
370SA19-XXX	370SA69-XXX	370SB19-XXX	370SB69-XXX	98-104
370SA30-XXX	370SA80-XXX	370SB30-XXX	370SB80-XXX	105-111
370SA31-XXX	370SA81-XXX	370SB31-XXX	370SB81-XXX	111-117
370SA32-XXX	370SA82-XXX	370SB32-XXX	370SB82-XXX	117-123
370SA33-XXX	370SA83-XXX	370SB33-XXX	370SB83-XXX	123-130
370SA34-XXX	370SA84-XXX	370SB34-XXX	370SB84-XXX	130-136
370SA35-XXX	370SA85-XXX	370SB35-XXX	370SB85-XXX	136-142
370SA36-XXX	370SA86-XXX	370SB36-XXX	370SB86-XXX	142-149
370SA37-XXX	370SA87-XXX	370SB37-XXX	370SB87-XXX	149-156

Replace 'XXX' with 300, 400, 500, 600, 700 for required cable separation



Indoor/Outdoor for 23mm to 128mm diameter cables

FEATURES

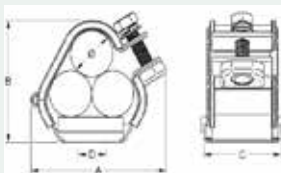
- Suitable for cable diameters 23mm to 128mm
- Available in single and double bolt fixing
- Operating temperatures -40°C to +120°C
- Designed to allow easy installation with single tool tightening from the top side
- Manufactured from non-magnetic, corrosion resistant 316L stainless steel
- Cleats are complete with liner made from LSOH material
- Suitable for single core cables laid in trefoil formation with high fault current requirements
- Can be used in harsh environments
- Complies with IEC 61914:2009

Part Number	Cable Diameter
379TC01	23-28mm
379TC02	27-32mm
379TC03	30-35mm
379TC04	33-38mm
379TC05	36-42mm
379TC06	40-46mm
379TC07	44-50mm
379TC08	48-55mm

Part Number	Cable Diameter
379TC09	51-58mm
379TC10	55-62mm
379TC11	59-66mm
379TC12	63-70mm
379TC13	67-74mm
379TC14	71-78mm
379TC15	74-82mm

Part Number	Cable Diameter
379TC16	77-85mm
379TC17	82-88mm
379TC18	88-96mm
379TC19	96-103mm
379TC20	103-111mm
379TC21	111-119mm
379TC22	119-128mm

Cable Cleat Details



Cleat Selection		Cable Cleat Dimensions (mm)				Weight (g)
Part Number	Cable Diameter	A	B	C	D	
379TC01	23-28mm	86	71	60	Centre Hole	500
379TC02	27-32mm	92	78	60	25	531
379TC03	30-35mm	98	84	60	25	558
379TC04	33-38mm	102	90	60	25	585
379TC05	36-42mm	108	97	60	25	624
379TC06	40-46mm	115	105	60	25	657
379TC07	44-50mm	120	112	60	25	693
379TC08	48-55mm	129	121	60	50	734
379TC09	51-58mm	133	127	60	50	764
379TC10	55-62mm	140	134	60	50	795
379TC11	59-66mm	145	142	60	50	831
379TC12	63-70mm	150	150	60	50	869
379TC13	67-74mm	157	157	60	75	905
379TC14	71-78mm	164	164	60	75	939
379TC15	74-82mm	172	172	60	75	975
379TC16	77-85mm	178	178	60	75	1010
379TC17	82-88mm	184	184	60	100	1046
379TC18	88-96mm	200	198	60	100	1081
379TC19	96-103mm	214	210	60	100	1117
379TC20	103-111mm	230	225	60	125	1152
379TC21	111-119mm	245	240	60	125	1188
379TC22	119-128mm	264	257	60	150	1223

Aluminium Trefoil Cleats with Single & Two Bolt Fixing

BCON

FEATURES

- High Grade Aluminium alloy
- Available in either a single bolt or two bolt fixing design
- Can be used for all types of cable routes
- Available in epoxy coated version for more hostile environments
- Fixed with either one or two M10 fixings
- Available in 33 sizes
- Operating temperature -60°C to +100°C
- Tested to BS EN 50368
- Short Circuit Withstand 30KA Rms (76KA Peak)



Indoor/Outdoor for 24mm to 76mm diameter cables in trefoil formation

Part Number		Diameter Range
Single Fixing	Two Fixing	
376AC01	376AB01	24-25mm
376AC02	376AB02	25-27mm
376AC03	376AB03	27-28mm
376AC04	376AB04	28-30mm
376AC05	376AB05	30-32mm
376AC06	376AB06	32-34mm
376AC07	376AB07	34-35mm
376AC08	376AB08	35-36mm
376AC09	376AB09	36-38mm
376AC10	376AB10	38-40mm
376AC11	376AB11	40-41mm
376AC12	376AB12	41-43mm
376AC13	376AB13	43-44mm
376AC14	376AB14	44-46mm
376AC15	376AB15	46-48mm
376AC16	376AB16	48-49mm
376AC17	376AB17	49-51mm

Part Number		Diameter Range
Single Fixing	Two Fixing	
376AC18	376AB18	51-53mm
376AC19	376AB19	53-54mm
376AC20	376AB20	54-55.5mm
376AC21	376AB21	55.5-57mm
376AC22	376AB22	57-59mm
376AC23	376AB23	59-60mm
376AC24	376AB24	60-62mm
376AC25	376AB25	62-63.5mm
376AC26	376AB26	63.5-65mm
376AC27	376AB27	65-66.5mm
376AC28	376AB28	66.5-68mm
376AC29	376AB29	68-70mm
376AC30	376AB30	70-71.5mm
376AC31	376AB31	71.5-73mm
376AC32	376AB32	73-74.5mm
376AC33	376AB33	74.5-76mm

Aluminium Trefoil Cleats with Single & Two Bolt Fixing continued

Cable cleat details

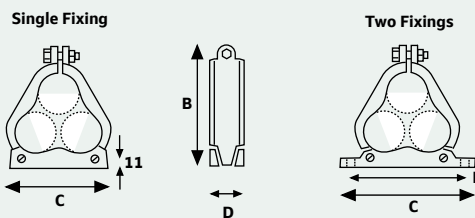


Table & Cleat Selection			Cleat Details						
Design Number	Cable Diameter mm		Dimensions mm					Approx. Weight g	
376AC**			B	D	Single Fixing	Two Fixing		Single Fixing	Two Fixing
376AB**	Min	Max			C	C	E		
01	24	25	94	38	75	128	102	234	276
02	25	27	97	38	75	128	102	241	284
03	27	28	100	38	75	128	102	248	291
04	28	30	103	38	76	130	104	255	298
05	30	32	105	38	79	133	107	269	305
06	32	34	106	38	83	135	109	284	312
07	34	35	109	38	86	137	110	291	319
08	35	36	113	38	89	138	113	298	326
09	36	38	116	38	92	140	114	305	333
10	38	40	119	38	95	145	118	315	340
11	40	41	122	38	99	147	121	319	347
12	41	43	124	38	105	149	123	326	354
13	43	44	127	38	108	150	124	340	369
14	44	46	130	38	112	154	128	354	383
15	46	48	133	38	114	156	129	361	390
16	48	49	137	38	118	159	133	369	397
17	49	51	140	38	121	165	135	376	404
18	51	53	143	38	124	165	137	383	411
19	53	54	146	38	127	172	141	390	418
20	54	55.5	155	44	133	183	152	503	560
21	55.5	57	158	44	137	187	155	517	574
22	57	59	160	44	141	189	157	532	588
23	59	60	163	44	145	191	160	546	602
24	60	62	165	44	148	194	162	552	617
25	62	63.5	168	44	152	196	165	567	631
26	63.5	65	172	44	156	199	168	581	645
27	65	66.5	176	44	160	202	170	602	666
28	66.5	68	178	44	164	205	173	624	687
29	68	70	181	44	168	208	176	652	716
30	70	71.5	187	44	171	215	183	680	745
31	71.5	73	190	44	175	217	186	695	758
32	73	74.5	193	44	179	220	188	709	773
33	74.5	76	197	44	183	222	191	722	787

Recommended Max Spacings

- Straight Runs - 900mm
- Vertical Bends - 300mm
- Horizontal bends - Cleat on each support with, if necessary, intermediate unanchored cleats to limit restraint spacing to 300mm

Multicleat System

FEATURES

- Multicleat is a stainless steel multistrap with a base
- Multicleat bases are manufactured out of aluminium as standard but are available in epoxy coated aluminium, stainless steel, hot dip galvanised and coated cast iron
- Can be used for all types of cable routes
- Exceptional overlapping ranges
- Non-magnetic materials used throughout
- Recommended spacing dictated by short circuit withstand (see Technical data)
- Available in 26 products for each base type
- Operating Temperature - Aluminium bases -60°C to + 105°C
- Cast Iron & Stainless Steel bases + 1000°C for two hours
- Tested BS EN 50368
- Short Circuit Withstand - Standard 1.8m spacing= 43KA RMS (Peak 114KA)
- Heavy 1.5m spacing = 50KA RMS (Peak 130KA)
- Heavy 1.2m spacing = 71KA RMA (Peak 184KA)
- Two bolt fixing except single bolt PF Type

BDI con



Indoor/outdoor for 36mm to 120mm cable diameter for single cable and 24mm to 145mm in trefoil formation

MULTICLEAT ALUMINIUM BASE - STANDARD & HEAVY DUTY

Part Number		Cable Diameter for Singles	Cable Diameter for Trefoil
Standard	Heavy Duty		
378AB01	378AB51	36-65mm	24-34mm
378AB02	378AB52	60-85mm	30-41mm
378AB03	378AB53	80-90mm	37-47mm
378AB04	378AB54	85-110mm	43-54mm
378AB05	378AB55	-	50-60mm
378AB06	378AB56	-	56-67mm
378AB07	378AB57	-	63-73mm
378AB08	378AB58	-	69-80mm
378AB09	378AB59	105-120mm	-

Part Number		Cable Diameter for Singles	Cable Diameter for Trefoil
Standard	Heavy Duty		
-	378AB29	85-110mm	-
-	378AB36	-	72-85mm
-	378AB37	-	82-95mm
-	378AB38	-	92-105mm
-	378AB39	-	102-115mm
-	378AB40	-	112-125mm
-	378AB41	-	122-135mm
-	378AB42	-	132-145mm

MULTICLEAT STAINLESS STEEL BASE - STANDARD & HEAVY DUTY

Part Number		Cable Diameter for Singles	Cable Diameter for Trefoil
Standard	Heavy Duty		
378JB01	378JB51	36-65mm	24-34mm
378JB02	378JB52	60-85mm	30-41mm
378JB03	378JB53	80-90mm	37-47mm
378JB04	378JB54	85-110mm	43-54mm
378JB05	378JB55	-	50-60mm
378JB06	378JB56	-	56-67mm
378JB07	378JB57	-	63-73mm
378JB08	378JB58	-	69-80mm
378JB09	378JB59	105-120mm	-

Part Number		Cable Diameter for Singles	Cable Diameter for Trefoil
Standard	Heavy Duty		
-	378JB29	85-110mm	-
-	378JB36	-	80-110mm
-	378JB37	-	82-95mm
-	378JB38	-	92-105mm
-	378JB39	-	102-115mm
-	378JB40	-	112-125mm
-	378JB41	-	122-135mm
-	378JB42	-	132-145mm

Please contact your nearest sales office for pricing on Multicleats with coated Aluminium, hot dipped galvanised, stainless steel and cast iron bases.

Multistrap System



**Indoor/Outdoor for
Single & Trefoil cables –
24 - 145mm**

FEATURES

- A multistrap is a strap complete with a tensioning clip, securing pin and winding key all made from high corrosion resistant non-magnetic stainless steel
- They are used as an intermediate restraint between Multicleats
- They may be used to bind cables together
- Multistraps are supplied in two strengths:-
Standard duty, designed to have two loops of 0.38 mm thick strap around the cables and heavy duty with three straps
- Tested BS EN 50368
- Short Circuit Withstand - Standard 1.8m spacing= 43KA RMS (Peak 114KA)
- Heavy 1.5m spacing = 50KA RMS (Peak 130KA)
- Heavy 1.2m spacing = 71KA RMA (Peak 184KA)
- Operating Temperature -60°C to 100°C

MULTISTRAP STANDARD & HEAVY DUTY

Part Number		Cable Diameter for Trefoil
Standard	Heavy Duty	
377AB01	377AB51	24-34mm
377AB02	377AB52	30-41mm
377AB03	377AB53	37-47mm
377AB04	377AB54	43-54mm
377AB05	377AB55	50-60mm
377AB06	377AB56	56-67mm
377AB07	377AB57	63-73mm
377AB08	377AB58	69-80mm

Part Number		Cable Diameter for Trefoil
Standard	Heavy Duty	
–	377AB29	–
–	377AB36	72-85mm
–	377AB37	82-95mm
–	377AB38	92-105mm
–	377AB39	102-115mm
–	377AB40	112-125mm
–	377AB41	122-135mm
–	377AB42	132-145mm

LSF Liner



FEATURES

- LSF liners are installed with multistraps to protect the cable sheaths

Part Number	Applicable Cleat Sizes
377LSF01	01-04 & 51-54
377LSF02	05-09 & 29,39,55-58

376TR MV/HV Trefoil Cleats

BICON

FEATURES

- Manufactured from solid aluminium
- Design for use with MV and HV cable designs
- Deep section bases aid cable installation
- Clamping bolt can be used for pilot cables
- Available with single or two bolt fixing
- Available with rubber lining
- Six sizes in range
- Operating Temperature -60°C to + 85°C
- Tested in accordance with BS EN 50368:2003
- Impact Resistance (6.2, 6..2.5, 9.3) - V Heavy > 6.7kg at 300mm.

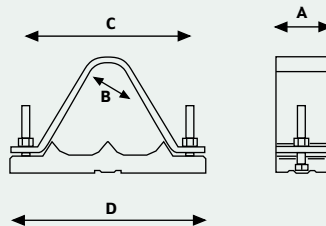


Outdoor for 62mm to 186mm MV/HV diameter cable in trefoil formation

Part Number	Cable Diameter
376TR06	62-75mm
376TR07	75-90mm
376TR08	90-107mm

Part Number	Cable Diameter
376TR09	107-129mm
376TR10	129-155mm
376TR11	155-186mm

Cable Cleat Details



Design Number	Cable Dimensions B mm	Length A mm	Width O/A D mm	Bolt CRS C mm	Bolt Diameter mm
376TR06	62-75	80	260	216	12
376TR07	75-90	80	295	251	12
376TR08	90-107	100	340	296	12
376TR09	107-129	100	390	346	12
376TR10	129-155	125	450	406	12
376TR11	155-186	150	525	481	12



Orion Shaped Cleat

BI con



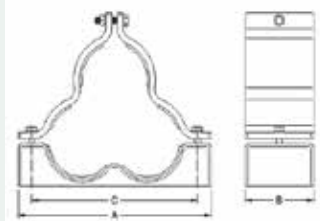
FEATURES

- Heavy duty trefoil cleat covering cable O/D from 85mm to 155mm
- Available in epoxy coated for marine applications
- Suitable for LV,MV and HV cable designs
- Operating temperature -40°C to +105°C
- Orion cleat features a deep cast base to aid easy cable installation.
- Resistance to short circuit, 63LA RMS, 164KA peak

Part Number	Cable Diameter
STANDARD RANGE (SR)	
376SR05	85-95mm
376SR06	95-105mm
376SR07	105-115mm
376SR08	115-125mm
376SR09	125-135mm
376SR10	135-145mm
376SR11	145-155mm

Part Number	Cable Diameter
EPOXY COATED RANGE (SE)	
376SE05	85-95mm
376SE06	95-105mm
376SE07	105-115mm
376SE08	115-125mm
376SE09	125-135mm
376SE10	135-145mm
376SE11	145-155mm

Cable Cleat Details



Part Number		Cable Diameter	Dimensions (mm)			Fixing Size	Weight (kg)
Standard	Epoxy Coated		A	C	B		
376SR05	376SE05	85-95mm	320	260	100	M12	3.4
376SR06	376SE06	95-105mm	340	280	110	M12	4.2
376SR07	376SE07	105-115mm	360	300	120	M12	4.9
376SR08	376SE08	115-125mm	380	324	130	M12	5.5
376SR09	376SE09	125-135mm	400	344	140	M12	6.0
376SR10	376SE10	135-145mm	420	370	150	M12	6.7
376SR11	376SE11	145-155mm	450	390	150	M12	7.6

Bolts

FEATURES

- General purpose fixing bolts
- Stainless steel bolts also available



Part Number		Size
Zinc Plated	Brass	
FHB06X20	FBB06X20	M6 x 20mm
FHB06X30	FBB06X30	M6 x 30mm
FHB08X25	FBB08X25	M8 x 25mm
FHB08X30	FBB08X30	M8 x 30mm
FHB08X40	FBB08X40	M8 x 40mm
FHB10X25	FBB10X25	M10 x 25mm
FHB10X30	FBB10X30	M10 x 30mm

Part Number		Size
Zinc Plated	Brass	
FHB10X40	FBB10X40	M10 x 40mm
FHB10X50	FBB10X50	M10 x 50mm
FHB12X35	FBB12X35	M12 x 35mm
FHB12X40	FBB12X40	M12 x 40mm
FHB12X50	FBB12X50	M12 x 50mm
FHB12X70	FBB12X70	M12 x 70mm

Nuts

FEATURES

- General purpose fixing nuts
- Stainless steel nuts also available



Part Number		Size
Bright Zinc Plated Nut	Brass Nut	
FHN06	FBN06	M6
FHN08	FBN08	M8

Part Number		Size
Bright Zinc Plated Nut	Brass Nut	
FHN10	FBN10	M10
FHN12	FBN12	M12

Channel Nuts (all types)

FEATURES

- Designed to fit into channel so cleats can be fitted



Part Number			Hole Size
No Spring	Short Spring	Long Spring	
FCNN06	FCNS06	FCNL06	6mm
FCNN08	FCNS08	FCNL08	8mm

Part Number			Hole Size
No Spring	Short Spring	Long Spring	
FCNN10	FCNS10	FCNL10	10mm
FCNN12	FCNS12	FCNL12	12mm

Other sizes available, please contact your local sales office for more details

Spring & Flat Washers



FEATURES

- General purpose fixing washers
- Other sizes available
- Stainless steel washers also available

Part Number				Size
Phosphor Bronze Spring	Bright Zinc Plated Flat	Bright Zinc Plated Spring	Brass Flat	
FBSW06	FFW06	FSW06	FBW06	M6
FBSW08	FFW08	FSW08	FBW08	M8

Part Number				Size
Phosphor Bronze Spring	Bright Zinc Plated Flat	Bright Zinc Plated Spring	Brass Flat	
FBSW10	FFW10	FSW10	FBW10	M10
FBSW12	FFW12	FSW12	FBW12	M12

Threaded Rod



FEATURES

- Threaded rod for use with cable cleats
- Other sizes available

Part Number	Material	Size	Length
M10X85	BZP	M10	85mm
M10X100	BZP	M10	100mm
M10X125	BZP	M10	125mm

Also available in other sizes

Part Number	Material	Size	Length
M10X150	BZP	M10	150mm
M10X200	BZP	M10	200mm
M10X225	BZP	M10	225mm

Also available in Stainless Steel

Packing Pieces



FEATURES

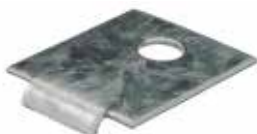
- Required when stacking claw cleats
- Other sizes available

Part Number	Description
389AC03	Aluminium alloy, plain

Part Number	Description
389AC04	Aluminium alloy, epoxy coated

Also available in Stainless Steel

Adaptor Plates



FEATURES

- Required when mounting smaller cleats directly on to 41mm wide channel
- Other sizes available

Part Number	Description
380AG02	M10 Galvanised

Also available in Stainless Steel



Jointing Tech

Jointing Tech Branches:

Woking

Unit 19
Woking Business Park
Albert Drive
Woking
GU21 5JY

Tel: 01483 747747

Bristol

The Alpha Centre
Armstrong Way
Great Western Business Park
Yate
Bristol
BS37 5NG

Tel: 01454 322555

Norton Canes

Unit 15-16
Bellsize Close
Norton Canes
Staffordshire
WS11 9TQ

Tel: 01543 450555

Quality and Industry Accreditation



Jointing Tech Group:

Langley Engineering Ltd

16 The Markham Centre
Theale
Reading
Berkshire
RG7 4PE

Tel: 0118 930 5990

Jointing Tech – Trace Heating Department

Unit 4 Eversley Way
Thorpe Industrial Estate
Egham
Surrey
TW20 8RG

Tel: 01784 279005

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