

Cable Cleats

Cable Cleat Systems

"A cable cleat is a device designed to provide securing of cables when installed at intervals along the length of cables"

~ IEC 61914 Cable Cleats for Electrical Installations

Cable cleats are used to clamp and retain cables in various configurations, industries and applications this includes single, trefoil, quad and multiple cable bundles for all cable diameters and applications.

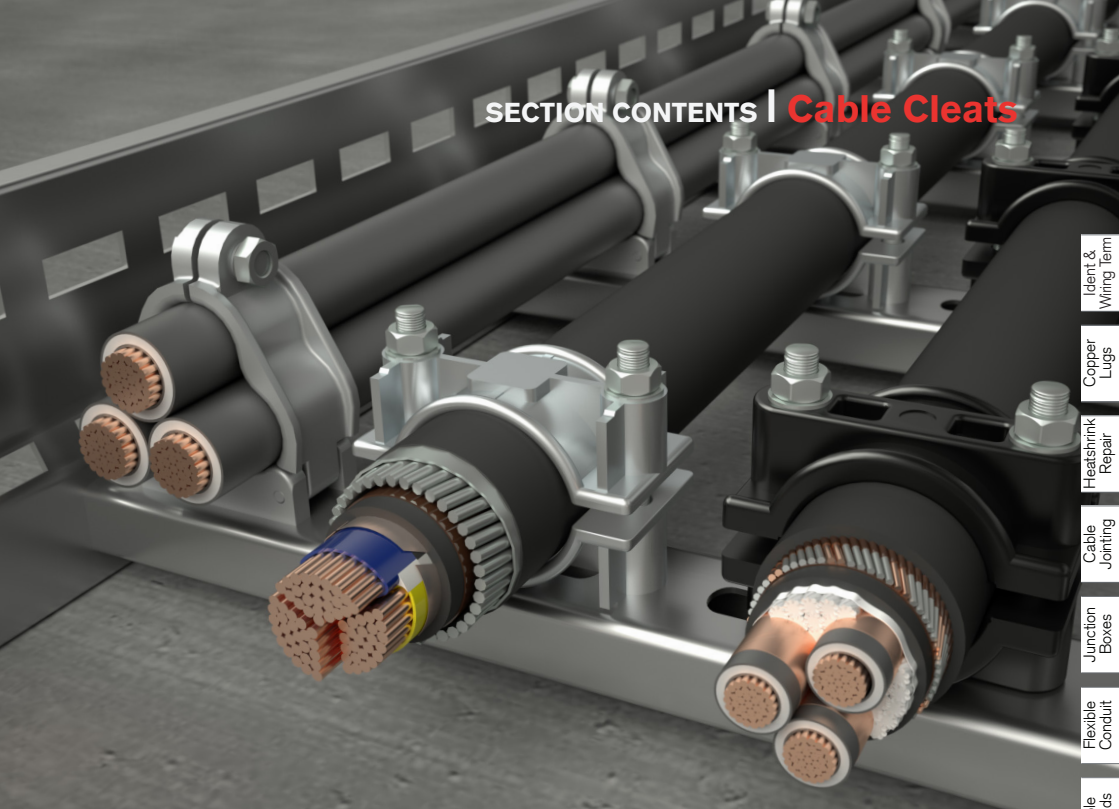
The importance of the role the cleat plays in supporting a retaining the cable cannot be understated. With the publication of IEC standard 61914 the requirements for cable cleating was codified, highlighting the necessity for minimum standards of cable management systems and the potential risk to human life that can occur in the absence of quality cable cleats.



Standard: Standard Polypropylene has remarkable properties which include high tensile strength, low density (weight saving), chemical inertness and resistance to abrasion. This material is typically used for industrial applications where less harsh conditions exist.

Low Smoke Zero Halogen: Flame retardant polymer, free of halogens and elemental phosphorus. It has excellent flame retardant properties and passes the most stringent tests for smoke and toxic fume emissions.

Metallic: Metallic cable cleats cover both Aluminium and Stainless Steel products; Aluminium LM6 features good all-round performance characteristics including mechanical strength, durability, corrosion resistance and flame retardancy. This low density material offers excellent resistance to corrosion due to a thin surface layer of aluminium oxide that forms when the metal is exposed to air, effectively preventing further oxidation. Our Stainless Steel range of cable cleats are manufactured from type 316L stainless steel. Type 316L is more resistant to corrosion and pitting than lower grade stainless steels, and offers excellent tensile strength, resistance to high temperatures and protection against the harshest environmental conditions. Stainless steel cable cleats are specified for low, medium and high voltage cable support in the oil, gas, petrochemical, power, offshore, marine, rail and construction industries.



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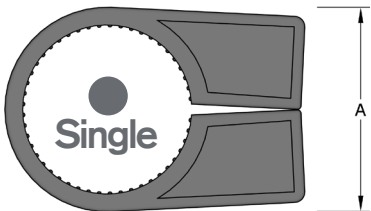
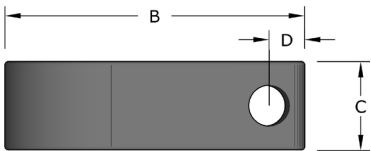
CABLE CLEATS

Clingstrap

One-Part Single-Fixing

Standard Polypropylene
LSZH Polypropylene

The Clingstrap Cable Cleat is a comprehensive range of single fixing cable cleats to provide a simple, but strong means of securing cables. Suitable for use with cables or pipes up to 5.0 - 50.8mm in diameter.



Clingstrap Cleats

- Fastening/fitting/routing single and multiple conductor low and medium voltage cables
- Excellent weathering and high resistance to ultraviolet light
- Excellent stiffness
- Fully recyclable

Standards: European Standard IEC 61914:2021

Temperature Range: -40°C to 40°C

Material: Polypropylene / LSZH Polypropylene



Standard		Low Smoke		Cable Range		Dimensions				Pack QTY	Box QTY
Code	Code	Min	Max	Stud Hole Size		(A)	(B)	(C)	(D)		
C3	C3LS	5.0	7.6	M6		12.0	25.0	15.0	6.0	100	5,000
C4	C4LS	7.7	10.0	M6		14.0	27.0	15.0	7.0	100	5,000
C5	C5LS	10.1	12.7	M6		16.0	29.0	15.0	8.0	100	4,500
C6	C6LS	12.6	15.2	M6		19.0	32.0	15.0	8.0	100	3,500
C7	C7LS	15.1	17.8	M6		23.0	36.0	16.0	8.0	100	2,500
C8	C8LS	17.7	20.3	M6		24.0	38.0	19.0	8.0	100	1,800
C9	C9LS	20.2	22.8	M6		27.0	42.0	19.0	8.0	100	1,400
C10	C10LS	22.7	25.4	M6		31.0	45.0	19.0	8.0	100	1,200
C11	C11LS	25.3	27.7	M10		33.0	50.0	22.0	9.0	100	800
C12	C12LS	27.6	30.5	M10		38.0	58.0	24.0	11.0	50	500
C14	C14LS	30.4	35.5	M10		44.0	64.0	25.0	11.0	50	500
C16	C16LS	35.4	40.6	M10		49.0	70.0	25.0	11.0	50	350
C18	C18LS	40.5	45.7	M10		53.0	74.0	25.0	11.0	50	300
C20	C20LS	45.6	50.8	M10		57.0	80.0	26.0	11.0	50	300

Industrial 17

One-Part Single-Fixing

Standard Black LLDPE
Black Polymeric LUL (LSZH)

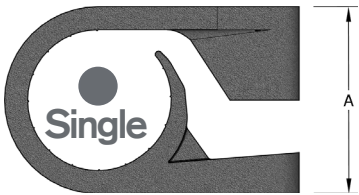
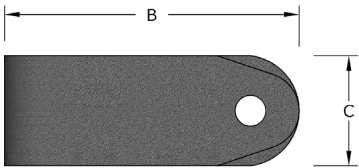
Industrial 17 Cable Cleats are a comprehensive range of single fixing cable cleats to fix power cables in indoor and outdoor applications. Suitable for cable diameters 10mm to 51mm in eight sizes.



Industrial 17 Cleats

- Fastening/fitting/routing single and multiple conductor low and medium voltage cables
- Increased cable range per size for reduced stock holding
- Available in standard and LUL approved material
- Excellent weathering and high resistance to ultraviolet light

Temperature Range: -40°C to 40°C
Material: Black LLDPE / LUL (LSZH)



Standard Code	LUL Zero Halogen Code	Cable Range		Stud Hole Size	Dimensions			Pack QTY
		Min	Max		(A)	(B)	(C)	
17-01B	17-01LUL	10.0	15.0	M4	17.6	27.8	12.0	100
17-02B	17-02LUL	12.0	17.0	M4	20.8	32.0	14.0	100
17-03B	17-03LUL	15.0	20.0	M4	25.3	37.1	16.0	100
17-04B	17-04LUL	18.0	24.0	M4	29.6	41.0	18.0	100
17-05B	17-05LUL	22.0	29.0	M6	35.4	52.1	20.0	50
17-06B	17-06LUL	26.0	34.0	M6	40.9	58.2	22.0	50
17-07B	17-07LUL	32.0	42.0	M6	49.2	69.3	25.0	25
17-08B	17-08LUL	39.0	51.0	M6	58.5	81.7	26.0	25

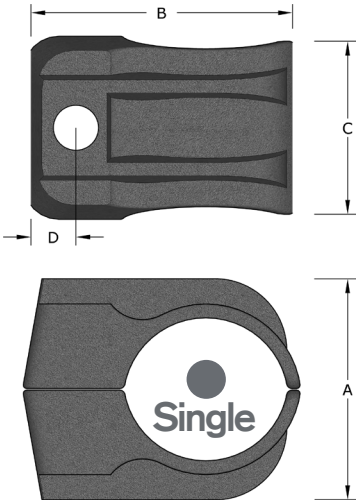
• The LUL version of this clamp is compliant with the requirement of London Underground Standard 1-085

CABLE CLEATS

Single Fixing
Plastic Two-Part Single-Fixing

LSZH Nylon

The Single Fixing Two Part Clamps are designed to fit cables 10.0mm to 57.0mm diameter. Manufactured from high strength Zero halogen phosphorus free Nylon.



Plastic Two-Part Single-Fixing

- Fastening/fitting/routing single and multiple conductor low and medium voltage cables
- Excellent tensile strength
- Excellent weathering and high resistance to ultraviolet light
- Flame retardant UL94-V0
- Zero Halogen material

Standards: European Standard IEC 61914:2021

Temperature Range: -40°C to 60°C

Material: Black Flame Retardant V0 Zero Halogen Phosphorus Free Nylon (LSZH)



Low Smoke Code	Cable Range		Stud Hole Size	Dimensions				Fixing Kit	Pack QTY
	Min	Max		(A)	(B)	(C)	(D)		
1F10LSF	10.0	13.0	M10	27 - 30	37.8	41.4	10.2	SBFK10-100	100
1F11LSF	13.0	16.0	M10	30 - 33	41.2	41.4	10.4	SBFK10-100	100
1F12LSF	16.0	19.0	M10	33 - 36	44.3	41.4	10.7	SBFK10-100	100
1F13LSF	19.0	23.0	M10	36 - 40	48.2	41.4	10.9	SBFK10-100	100
1F14LSF	23.0	27.0	M10	40 - 44	52.2	41.4	11.3	SBFK10-100	100
1F15LSF	27.0	32.0	M10	44 - 49	57.1	41.4	11.6	SBFK10-100	100
1F16LSF	32.0	38.0	M10	49 - 55	63.1	41.4	12.1	SBFK10-100	100
1F17LSF	38.0	46.0	M10	58 - 66	71.3	41.4	12.9	SBFK10-125	50
1F18LSF	46.0	51.0	M10	67 - 73	77.3	41.4	13.5	SBFK10-125	50
1F19LSF	51.0	57.0	M10	72 - 78	83.2	41.4	13.9	SBFK10-125	50



All dimensions in mm except where stated



Dual-Fixing

Plastic Two-Part Dual-Fixing

Standard Polypropylene
LSZH Polypropylene

The TC Two Hole Cable Clamps are a range of two hole fixing, two part cleats designed to fit cables 41mm to 135mm diameter. Manufactured from high strength polypropylene and designed to be easily stacked to save time and space.

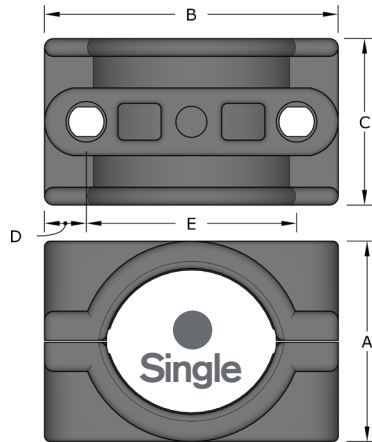
Dual Fixing - Plastic

- Fastening/fitting/routing single and multiple conductor low, medium and high voltage cables
- Excellent weathering and high resistance to ultraviolet light
- Excellent stiffness
- Excellent tensile strength
- Fully recyclable
- Underwriters Laboratories UL94-V0
- Zero Halogen material (LSZH Polypropylene)

Standards: European Standard IEC 61914:2021

Temperature Range: -40°C to 40°C

Material: Polypropylene / LSZH Polypropylene



Standard	Low Smoke	Cable Range		Dimensions							Fixing Kit	Pack QTY
Code	Code	Min	Max	Stud Hole Size	(A)	(B)	(C)	(D)	(E)			
TC8	TC8LS	41.0	48.0	2 x M10	62.0	97.0	58.0	12.0	75.0	DBFK10-100	100	
TC9	TC9LS	48.0	57.0	2 x M10	64.0	99.0	59.0	13.0	76.2	DBFK10-125	100	
TC10	TC10LS	57.0	64.0	2 x M10	70.0	104.0	59.0	15.0	76.2	DBFK10-125	100	
TC11	TC11LS	64.0	70.0	2 x M10	81.0	134.0	63.0	12.0	114.3	DBFK10-150	50	
TC12	TC12LS	70.0	76.0	2 x M10	87.0	135.0	63.0	12.0	114.3	DBFK10-150	50	
TC14	TC14LS	76.0	85.0	2 x M10	93.0	135.5	63.0	12.0	114.3	DBFK10-150	50	
TC15	TC15LS	85.0	105.0	2 x M10	108.0	179.0	74.0	17.0	147.0	DBFK10-200	25	
TC16	TC16LS	105.0	112.0	2 x M10	130.0	161.0	54.0	13.0	135.0	DBFK10-200	25	
TC17	TC17LS	112.0	120.0	2 x M10	138.0	169.0	54.0	13.0	143.0	DBFK10-200	10	
TC18	TC18LS	120.0	128.0	2 x M10	148.0	177.0	54.0	13.0	151.0	DBFK10-200	10	
TC19	TC19LS	128.0	135.0	2 x M10	158.0	185.0	54.0	13.0	158.0	DBFK10-200	10	

• Red TC Cleats are available to order subject to MOQ



Fixing Kit (see p.206)

Challenge us - We find a solution

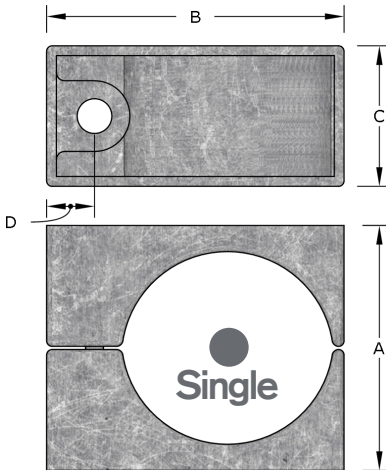
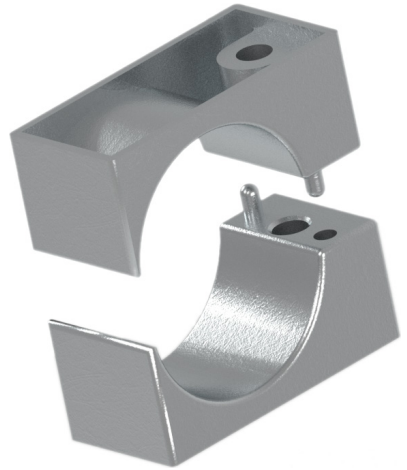
METALLIC CABLE CLEATS

Single Fixing

Aluminium Two-Part Single-Fixing

LM6 Aluminium

The One Hole Cable Clamps are designed to fix cables 10mm to 70mm diameter. Manufactured from LM6 aluminium to BS1490. They are fully stackable and specifically designed to mount directly to channel, ladder or any flat surface.



Single Fixing - Aluminium

- Fastening/fitting/routing single and multiple conductor low, medium and high voltage cables
- Excellent weathering and corrosion resistance
- Excellent stiffness
- Excellent tensile strength
- Fully recyclable

Standards: European Standard IEC 61914:2021

Temperature Range: -60°C to 100°C

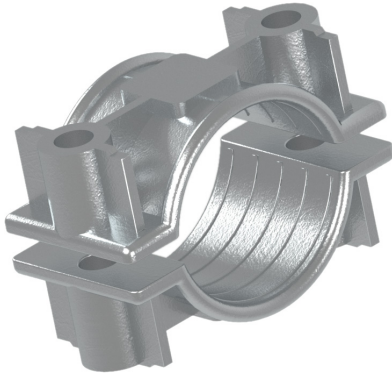
Material: Aluminium LM6 (BS 1490)



Aluminium Code	Cable Range		Stud Hole Size	Dimensions				Fixing Kit
	Min	Max		(A)	(B)	(C)	(D)	
1ALM1	10.0	13.0	M10	28.0	42.0	43.0	17.0	SBFK10-100
1ALM2	13.0	16.0	M10	30.0	44.0	43.0	17.0	SBFK10-100
1ALM3	16.0	19.0	M10	32.0	48.0	43.0	17.0	SBFK10-100
1ALM4	19.0	22.0	M10	34.0	50.0	43.0	17.0	SBFK10-100
1ALM5	22.0	25.0	M10	36.0	53.0	43.0	17.0	SBFK10-100
1ALM6	25.0	32.0	M10	39.0	59.0	43.0	17.0	SBFK10-100
1ALM7	32.0	38.0	M10	44.0	65.0	43.0	17.0	SBFK10-100
1ALM8	38.0	44.0	M10	50.0	71.0	43.0	14.0	SBFK10-100
1ALM9	44.0	51.0	M10	57.0	78.0	43.0	14.0	SBFK10-125
1ALM10	51.0	57.0	M10	68.0	84.0	43.0	14.0	SBFK10-125
1ALM11	57.0	64.0	M10	75.0	91.0	43.0	14.0	SBFK10-125
1ALM12	64.0	70.0	M10	81.0	97.0	43.0	14.0	SBFK10-125



Fixing Kit (see p.206)



Dual-Fixing

Aluminium Two-Part Dual-Fixing

LM6 Aluminium

The Two Hole Cable Clamps are designed to fix cables 51mm to 120mm diameter. Manufactured from LM6 aluminium to BS1490. They are fully stackable and specifically designed to mount directly to channel, ladder or any flat surface.

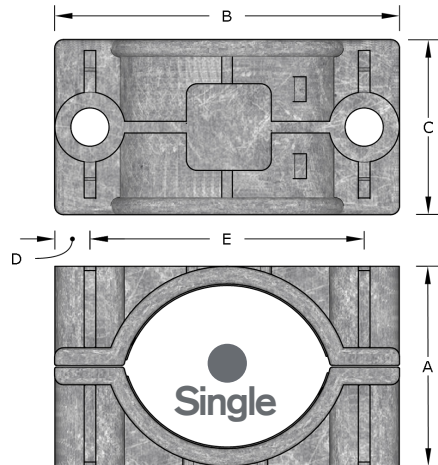
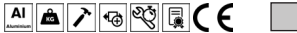
Dual Fixing - Aluminium

- Fastening/fitting/routing single and multiple conductor low, medium and high voltage cables
- Excellent weathering and corrosion resistance
- Excellent stiffness
- Excellent tensile strength
- Fully recyclable

Standards: European Standard IEC 61914:2021

Temperature Range: -60°C to 100°C

Material: Aluminium LM6 (BS 1490)



Aluminium Code	Cable Range		Stud Hole Size	Dimensions					Fixing Kit
	Min	Max		(A)	(B)	(C)	(D)	(E)	
2ALM10	51.0	57.0	2 x M10	68.0	96.0	49.0	10.0	76.0	DBFK10-100
2ALM11	57.0	64.0	2 x M10	75.0	96.0	49.0	10.0	76.0	DBFK10-125
2ALM12	64.0	70.0	2 x M10	84.0	134.0	64.0	10.0	114.0	DBFK10-125
2ALM13	70.0	76.0	2 x M10	90.0	134.0	64.0	10.0	114.0	DBFK10-125
2ALM14	76.0	83.0	2 x M12	96.0	142.0	64.0	14.0	114.0	DBFK10-150
2ALM15	83.0	89.0	2 x M12	102.0	142.0	64.0	14.0	114.0	DBFK10-150
2ALM16	89.0	95.0	2 x M12	114.0	154.0	76.0	14.0	126.0	DBFK10-150
2ALM17	95.0	101.0	2 x M12	120.0	154.0	76.0	14.0	126.0	DBFK10-200
2ALM18	101.0	108.0	2 x M12	134.0	169.0	76.0	14.5	140.0	DBFK10-200
2ALM19	108.0	114.0	2 x M12	140.0	169.0	76.0	14.5	140.0	DBFK10-200
2ALM20	114.0	120.0	2 x M12	144.0	174.0	76.0	14.5	145.0	DBFK10-200



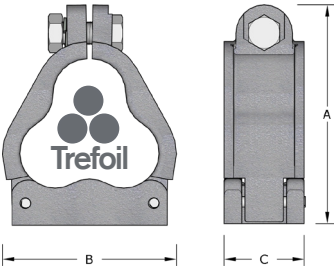
Fixing Kit (see p.206)

Challenge us - We find a solution

Ident & Wiring Term Copper Lugs Heatshrink Repair Cable Joining Junction Boxes Cable Glands Acas Cable Cleats Earthing Lighting MCC Cable Ties & Acc Cable Ties Tooling & Cable Prep Fixing & Security

Cable Cleats | METALLIC TREFOIL

TREFOIL CABLE CLEATS



Trefoil Single-Fixing

The Aluminium Trefoil Cleat is designed for cleating three single cables in a trefoil configuration where low to medium short circuit withstand levels are required. The range covers cables from 24.0 to 76.0mm overall diameter.



Single Bolt Fixing - Aluminium

Standards: European Standard IEC 61914:2021

Temperature Range: -60°C to 100°C

Material: Aluminium LM6 (BS 1490)



Aluminium Code	Cable Range		Stud Hole Size	Dimensions			Weight (g)	Fixing Kit
	Min	Max		(A)	(B)	(C)		
376AC01	24.0	25.0	M10	94.0	75.0	38.0	234	TCFK10-25
376AC02	25.0	27.0	M10	97.0	75.0	38.0	241	TCFK10-25
376AC03	27.0	28.0	M10	100.0	75.0	38.0	248	TCFK10-25
376AC04	28.0	30.0	M10	103.0	76.0	38.0	255	TCFK10-25
376AC05	30.0	32.0	M10	105.0	79.0	38.0	269	TCFK10-25
376AC06	32.0	34.0	M10	106.0	83.0	38.0	284	TCFK10-25
376AC07	34.0	35.0	M10	109.0	86.0	38.0	291	TCFK10-25
376AC08	35.0	36.0	M10	113.0	89.0	38.0	298	TCFK10-25
376AC09	36.0	38.0	M10	116.0	92.0	38.0	305	TCFK10-25
376AC10	38.0	40.0	M10	119.0	95.0	38.0	312	TCFK10-25
376AC11	40.0	41.0	M10	122.0	99.0	38.0	319	TCFK10-25
376AC12	41.0	43.0	M10	124.0	105.0	38.0	326	TCFK10-25
376AC13	43.0	44.0	M10	127.0	108.0	38.0	340	TCFK10-25
376AC14	44.0	46.0	M10	130.0	112.0	38.0	354	TCFK10-25
376AC15	46.0	48.0	M10	133.0	114.0	38.0	361	TCFK10-25
376AC16	48.0	49.0	M10	137.0	118.0	38.0	369	TCFK10-25
376AC17	49.0	51.0	M10	140.0	121.0	38.0	376	TCFK10-25
376AC18	51.0	53.0	M10	143.0	124.0	38.0	383	TCFK10-25
376AC19	53.0	54.0	M10	146.0	127.0	38.0	390	TCFK10-25
376AC20	54.0	55.5	M10	155.0	133.0	44.0	503	TCFK10-25
376AC21	55.5	57.0	M10	158.0	137.0	44.0	517	TCFK10-25
376AC22	57.0	59.0	M10	160.0	141.0	44.0	532	TCFK10-25
376AC23	59.0	60.0	M10	163.0	145.0	44.0	546	TCFK10-25
376AC24	60.0	62.0	M10	165.0	148.0	44.0	552	TCFK10-25
376AC25	62.0	63.5	M10	168.0	152.0	44.0	567	TCFK10-25
376AC26	63.5	65.0	M10	172.0	156.0	44.0	581	TCFK10-25
376AC27	65.0	66.5	M10	176.0	160.0	44.0	602	TCFK10-25
376AC28	66.5	68.0	M10	178.0	164.0	44.0	624	TCFK10-25
376AC29	68.0	70.0	M10	181.0	168.0	44.0	652	TCFK10-25
376AC30	70.0	71.5	M10	187.0	171.0	44.0	680	TCFK10-25
376AC31	71.5	73.0	M10	190.0	175.0	44.0	695	TCFK10-25
376AC32	73.0	74.5	M10	193.0	179.0	44.0	709	TCFK10-25
376AC33	74.5	76.0	M10	197.0	183.0	44.0	722	TCFK10-25

All dimensions in mm except where stated

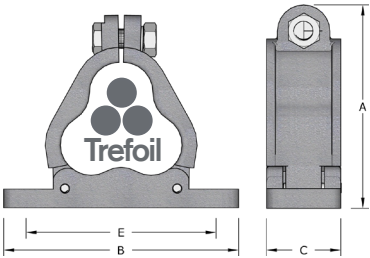
TREFOIL CABLE CLEATS



Trefoil

Dual-Fixing

Two Bolt Fixing Aluminium Trefoil Cleat is designed for cleating three single cables in a trefoil configuration where low to medium short circuit withstand levels are required. The range covers cables from 24mm to 76mm overall diameter.

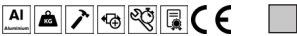


Dual Bolt Fixing - Aluminium

Standards: European Standard IEC 61914:2021

Temperature Range: -60°C to 100°C

Material: Aluminium LM6 (BS 1490)



Aluminium	Cable Range			Dimensions				
Code	Min	Max	Stud Hole Size	(A)	(B)	(C)	(E)	Weight (g)
376AB01	24.0	25.0	2 x M10	94.0	128.0	38.0	102.0	276
376AB02	25.0	27.0	2 x M10	97.0	128.0	38.0	102.0	284
376AB03	27.0	28.0	2 x M10	100.0	128.0	38.0	102.0	291
376AB04	28.0	30.0	2 x M10	103.0	130.0	38.0	104.0	298
376AB05	30.0	32.0	2 x M10	105.0	133.0	38.0	107.0	305
376AB06	32.0	34.0	2 x M10	106.0	135.0	38.0	109.0	312
376AB07	34.0	35.0	2 x M10	109.0	137.0	38.0	110.0	319
376AB08	35.0	36.0	2 x M10	113.0	138.0	38.0	113.0	326
376AB09	36.0	38.0	2 x M10	116.0	140.0	38.0	114.0	333
376AB10	38.0	40.0	2 x M10	119.0	145.0	38.0	118.0	340
376AB11	40.0	41.0	2 x M10	122.0	147.0	38.0	121.0	347
376AB12	41.0	43.0	2 x M10	124.0	149.0	38.0	123.0	354
376AB13	43.0	44.0	2 x M10	127.0	150.0	38.0	124.0	369
376AB14	44.0	46.0	2 x M10	130.0	154.0	38.0	128.0	383
376AB15	46.0	48.0	2 x M10	133.0	156.0	38.0	129.0	390
376AB16	48.0	49.0	2 x M10	137.0	159.0	38.0	133.0	397
376AB17	49.0	51.0	2 x M10	140.0	165.0	38.0	135.0	404
376AB18	51.0	53.0	2 x M10	143.0	165.0	38.0	137.0	411
376AB19	53.0	54.0	2 x M10	146.0	172.0	38.0	141.0	418
376AB20	54.0	55.5	2 x M10	155.0	183.0	44.0	152.0	560
376AB21	55.5	57.0	2 x M10	158.0	187.0	44.0	155.0	574
376AB22	57.0	59.0	2 x M10	160.0	189.0	44.0	157.0	588
376AB23	59.0	60.0	2 x M10	163.0	191.0	44.0	160.0	602
376AB24	60.0	62.0	2 x M10	165.0	194.0	44.0	162.0	617
376AB25	62.0	63.5	2 x M10	168.0	196.0	44.0	165.0	631
376AB26	63.5	65.0	2 x M10	172.0	199.0	44.0	168.0	645
376AB27	65.0	66.5	2 x M10	176.0	202.0	44.0	170.0	667
376AB28	66.5	68.0	2 x M10	178.0	205.0	44.0	173.0	687
376AB29	68.0	70.0	2 x M10	181.0	208.0	44.0	176.0	716
376AB30	70.0	71.5	2 x M10	187.0	215.0	44.0	183.0	745
376AB31	71.5	73.0	2 x M10	190.0	217.0	44.0	186.0	758
376AB32	73.0	74.5	2 x M10	193.0	220.0	44.0	188.0	773
376AB33	74.5	76.0	2 x M10	197.0	222.0	44.0	191.0	787

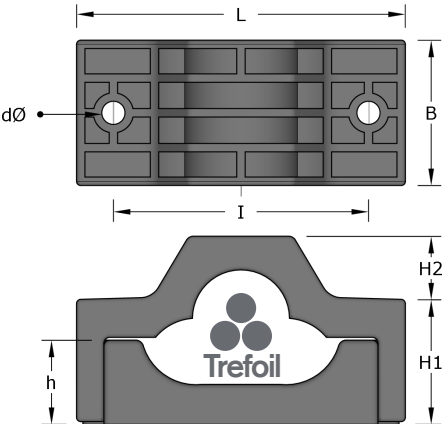
TREFOIL CABLE CLEATS

Tri-eco
Dual-Fixing

Glass Fibre Reinforced Polyamide

The TRI eco Trefoil Clamp is designed for cleating three single cables in a trefoil configuration where low to medium short circuit withstand levels are required. The range is covered by four sizes and covers cables from 24.0 to 82.0mm overall diameter.

Glass fibre reinforced Polyamide provides high mechanical and chemical resistance. Designed to provide superior mechanical strength, ideal for installations where the cables are subject to short circuit rating. The width of the clamping-area provides a controlled pressure on the cable and avoids damage to the isolation. Fire resistant and resistant to UV radiation and therefore suitable for indoor and outdoor use. No alteration of strength and signs of degrading within temperatures ranges from -80°C to +120°C. (Shortly up to +225°) Resistance to different amounts of radiation makes our products ideal for use in various areas of nuclear power plants. Its unique blend of chemical, electrical and physical properties makes it suitable for a wide range of industrial applications



Non Metallic Trefoil Cleat

- Cleating three single core cables in trefoil configuration where low to medium short circuit withstand levels are required
- Excellent weathering and corrosion resistance
- Fire and UV radiation resistant
- Excellent tensile strength
- Excellent stiffness

Standards: European Standard IEC 61914:2021
Mechanical Strength: TRleco24-35 15.000N
TRleco33-46 16.900N
TRleco47-66 22.300N
TRleco67-82 23.900N

Flame Resistance: UL94-V0
Temperature Range: -80°C to 120°C
Material: Glass Fibre Reinforced Polyamide (PA66)



Code	Cable Range		Dimensions							Fixing Kit
	Min	Max	(d0)	(L)	(B)	(l)	(H1)	(H2)	(h)	
TRleco24-35	24.0	35.0	11.0	136.0	70.0	101.0	54.0-78.0	20.0	35.0	DBFK10-125
TRleco33-46	33.0	46.0	11.0	156.0	70.0	121.0	58.0-90.0	30.0	41.0	DBFK10-150
TRleco47-66	47.0	66.0	13.0	205.0	70.0	170.0	80.0-120.0	38.0	51.0	DBFK10-200
TRleco67-82	67.0	82.0	12.5	232.0	70.0	200.0	90.0-121.0	72.0	52.5	DBFK10-200



Fixing Kit (see p.206)

Tri-Trefoil

Dual-Fixing

Glass Fibre Reinforced Polyamide



The TRI Trefoil Clamp is designed for cleating three single cables in a trefoil configuration where low, medium or high short circuit withstand levels are required. The range is covered by five sizes and covers cables from 25.0 to 98.0mm overall diameter.

Glass fibre reinforced Polyamide provides high mechanical and chemical resistance. Designed to provide superior mechanical strength, ideal for installations where the cables are subject to short circuit rating. The width of the clamping area provides a controlled pressure on the cable and avoids damage to the isolation. Fire resistant and resistant to UV radiation and therefore suitable for indoor and outdoor use. No alteration of strength and signs of degrading within temperatures ranges from -80°C to +150°C. (Shortly up to +220°) Resistance to different amounts of radiation makes our products ideal for use in various areas of nuclear power plants. Its unique blend of chemical, electrical and physical properties makes it suitable for a wide range of industrial applications

Non Metallic Trefoil Cleat

- Cleating three single core cables in trefoil configuration where low, medium and high short circuit withstand levels are required
- Excellent weathering and corrosion resistance
- Fire and UV radiation resistant
- Excellent tensile strength
- Excellent stiffness

Standards: European Standard IEC 61914:2021

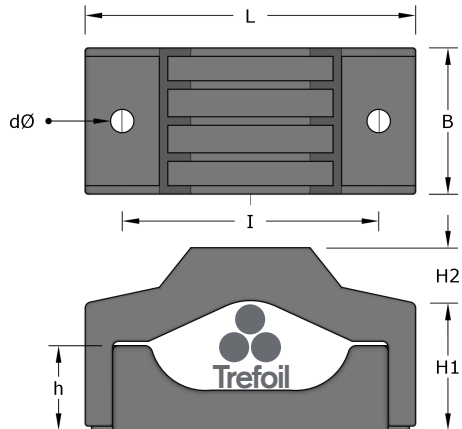
Mechanical Strength:

TRI25-40	40.000N
TRI35-53	48.800N
TRI53-66	69.000N
TRI67-82	55.600N
TRI82-98	52.900N

Flame Resistance: UL94-V0

Temperature Range: -80°C to 120°C

Material: Glass Fibre Reinforced Polyamide



Code	Cable Range		Dimensions							Fixing Kit
	Min	Max	(dØ)	(L)	(B)	(I)	(H1)	(H2)	(h)	
TRI25-40	25.0	40.0	14.5	160.0	75.0	125.0	68.0-95.0	14.0	38.0	DBFK10-150
TRI38-53	38.0	53.0	15.0	183.0	78.0	145.0	82.0-116.0	23.0	41.0	DBFK10-200
TRI53-66	53.0	66.0	15.0	216.0	80.0	169.0	100.0-120.0	44.0	44.0	DBFK10-200
TRI67-82	67.0	82.0	16.5	250.0	90.0	200.0	130.0-164.0	44.3	61.5	DBFK10-225
TRI82-98	82.0	98.0	16.5	282.0	100.0	234.0	125.0-160.0	79.0	69.5	DBFK10-225



Fixing Kit (see p.206)

Challenge us - We find a solution

Ident & Wiring Term
Copper Lugs
Heatshrink Repair
Cable Joining
Junction Boxes
Flexible Conduit
Cable Glands
Gland Accs.
Cable Cleats
Earthing Lighting
MCC Cable
Cable Ties & Acc
Tooling & Cable Prep
Fixing & Security

Cable Cleats | METALLIC SINGLE / TREFOIL / QUAD

STAINLESS STEEL CABLE CLEATS

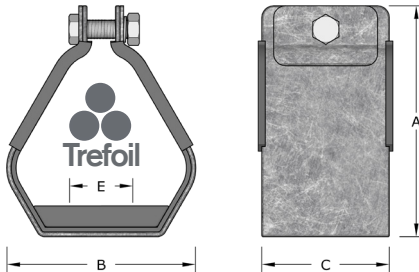
Vulcan+

Single or Dual-Fixing

Vulcan+ cleats have a unique compact design so they can be easily installed, even when space is limited. Vulcan+ cleats are available in multiple sizes with range-taking capability, to suit trefoil, single, quad or bundled cables.

Manufactured in Type 316L Stainless Steel, Vulcan offer excellent protection against the harshest environmental conditions. To protect and cushion the cables during short-circuit conditions, the cleat comes with an integral Low Smoke and Fume Zero Halogen Polymeric liner and base pad.

We recommend fixing VRT+ using one 10mm bolt for sizes 00 to 09, and one or two 10mm bolts for sizes 10 to 20. Alternative bolt recommendations on request.



316 Stainless Steel Trefoil Cleat

- Compact design
- Excellent weathering and corrosion resistance
- Excellent tensile strength
- Excellent stiffness

Standards: European Standard IEC 61914:2021
ABS DNV Type Approved, UL Listed

Max Short-Circuit: 104kA 600mm Spacing
132kA 300mm Spacing

Temperature Range: -40°C to 60°C

Material: 316L Stainless Steel / Polymeric Liner/Base Pad



	Trefoil Cable Range		Single Cable Range		Dimensions							
Code	Min	Max	Min	Max	(A)	(B)	(C)	(E)	Fixing Holes	Weight (g)	Fixing Kit	
VRT+00B	-	-	18.0	28.0	93.0	64.0	54.0	N/A	1 x M10	280	TCFK10-25	
VRT+00A	15.0	18.0	26.0	30.0	93.0	64.0	54.0	N/A	1 x M10	287	TCFK10-25	
VRT+00	19.0	24.0	30.0	42.0	93.0	60.0	54.0	N/A	1 x M10	251	TCFK10-25	
VRT+01	23.0	28.0	38.0	50.0	98.0	63.0	54.0	N/A	1 x M10	258	TCFK10-25	
VRT+02	27.0	32.0	43.0	58.0	106.0	72.0	54.0	N/A	1 x M10	269	TCFK10-25	
VRT+03	30.0	35.0	49.0	64.0	112.0	79.0	54.0	N/A	1 x M10	279	TCFK10-25	
VRT+04	33.0	38.0	55.0	70.0	118.0	85.0	54.0	N/A	1 x M10	284	TCFK10-25	
VRT+05	36.0	42.0	58.0	75.0	125.0	96.0	54.0	N/A	1 x M10	319	TCFK10-25	
VRT+06	40.0	46.0	63.0	84.0	133.0	105.0	54.0	N/A	1 x M10	331	TCFK10-25	
VRT+07	44.0	50.0	73.0	90.0	140.0	112.0	54.0	N/A	1 x M10	391	TCFK10-25	
VRT+08	48.0	55.0	83.0	100.0	149.0	121.0	54.0	N/A	1 x M10	405	TCFK10-25	
VRT+09	51.0	58.0	86.0	104.0	154.0	126.0	54.0	N/A	1 x M10	411	TCFK10-25	
VRT+10	55.0	62.0	88.0	110.0	162.0	134.0	54.0	50.0	3 x M10	442	TCFK10-25	
VRT+11	59.0	66.0	90.0	115.0	170.0	143.0	54.0	50.0	3 x M10	453	TCFK10-25	
VRT+12	63.0	70.0	100.0	125.0	177.0	152.0	54.0	50.0	3 x M10	460	TCFK10-25	
VRT+13	67.0	74.0	107.0	132.0	185.0	161.0	54.0	75.0	3 x M10	524	TCFK10-25	
VRT+14	71.0	78.0	120.0	145.0	192.0	169.0	54.0	75.0	3 x M10	536	TCFK10-25	
VRT+15	74.0	82.0	125.0	150.0	199.0	176.0	54.0	75.0	3 x M10	542	TCFK10-25	
VRT+16	77.0	85.0	132.0	153.0	205.0	183.0	54.0	75.0	3 x M10	544	TCFK10-25	
VRT+17	81.0	89.0	136.0	156.0	216.0	190.0	54.0	75.0	3 x M10	618	TCFK10-25	
VRT+18	85.0	93.0	139.0	159.0	225.0	200.0	54.0	75.0	3 x M10	628	TCFK10-25	
VRT+19	89.0	97.0	142.0	162.0	235.0	200.0	54.0	75.0	3 x M10	637	TCFK10-25	
VRT+20	93.0	101.0	160.0	170.0	240.0	215.0	54.0	75.0	3 x M10	646	TCFK10-25	

All dimensions in mm except where stated

STAINLESS STEEL CABLE CLEATS



Vulcan+ Quad

Single or Dual-Fixing

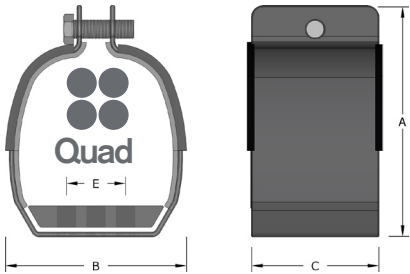
Vulcan+ Quad cleats have a unique compact design so they can be easily installed, even when space is limited. Vulcan+ cleats are available in multiple sizes with range-taking capability, to suit trefoil, single, quad or bundled cables. Manufactured in Type 316L Stainless Steel, Vulcan offer excellent protection against the harshest environmental conditions. To protect and cushion the cables during short-circuit conditions, the cleat comes with an integral Low Smoke and Fume Zero Halogen Polymeric liner and base pad. We recommend fixing VRQ+ using one 10mm bolt for sizes 01 to 06, and one or two 10mm bolts for sizes 07 to 09. Alternative bolt recommendations on request.

316L Stainless Steel Quad Cleat

- Compact design
- Excellent weathering and corrosion resistance
- Excellent tensile strength
- Excellent stiffness

Standards: European Standard IEC 61914:2021
ABS DNV Type Approved, UL Listed
Max Short-Circuit: 104kA 600mm Spacing
132kA 300mm Spacing

Temperature Range: -40°C to 60°C
Material: 316L Stainless Steel / Polymeric Liner/Base Pad



Quad Cable Range			Dimensions							
Code	Min	Max	(A)	(B)	(C)	(E)	Fixing Holes	Weight (g)	Fixing Kit	
VRQ+00C	10.0	13.0	93.0	63.0	54.0	N/A	1 x M10	287	TCFK10-25	
VRQ+00B	13.0	18.0	97.0	67.0	54.0	N/A	1 x M10	280	TCFK10-25	
VRQ+00A	18.0	20.0	106.0	70.0	54.0	N/A	1 x M10	291	TCFK10-25	
VRQ+00	19.0	25.0	113.0	74.0	54.0	N/A	1 x M10	317	TCFK10-25	
VRQ+01	23.0	25.0	110.0	68.0	54.0	N/A	1 x M10	284	TCFK10-25	
VRQ+02	26.0	27.0	113.0	70.0	54.0	N/A	1 x M10	286	TCFK10-25	
VRQ+03	28.0	31.0	128.0	78.0	54.0	N/A	1 x M10	318	TCFK10-25	
VRQ+03A	31.0	35.0	138.0	90.0	54.0	N/A	1 x M10	350	TCFK10-25	
VRQ+04	35.0	42.0	148.0	103.0	54.0	N/A	1 x M10	378	TCFK10-25	
VRQ+05	43.0	47.0	165.0	120.0	54.0	N/A	1 x M10	452	TCFK10-25	
VRQ+06	48.0	50.0	170.0	121.0	54.0	N/A	1 x M10	467	TCFK10-25	
VRQ+07	51.0	57.0	190.0	140.0	54.0	50.0	3 x M10	486	TCFK10-25	
VRQ+08	58.0	63.0	200.0	150.0	54.0	50.0	3 x M10	499	TCFK10-25	
VRQ+09	64.0	70.0	218.0	170.0	54.0	75.0	3 x M10	581	TCFK10-25	



Fixing Kit (see p.206)

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

STAINLESS STEEL CABLE CLEATS

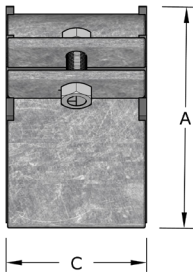
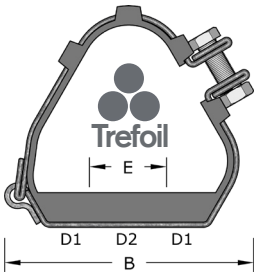
Emperor

Single or Dual-Fixing

The Emperor range offers the ultimate protection against the harshest conditions, and its unique design means it can be quickly installed. Manufactured in Type 316L Stainless Steel, Emperor cleats are available in multiple sizes with range-taking capability, to suit trefoil or single cables.

To protect and cushion the cables during short circuit conditions, the cleat is supplied with an integral Low Smoke and Fume Polymeric liner and base pad.

We recommend that the Emperor is fixed using either two M10 bolts, or a single M12 bolt. Alternative bolt recommendations on request.



316L Stainless Steel Trefoil Cleat

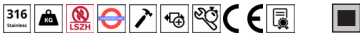
- Superior strength tensile strength
- Excellent weathering and corrosion resistance
- Excellent stiffness

Standards: European Standard IEC 61914:2021
ABS DNV Type Approved, UL Listed

Max Short-Circuit: 149kA 600mm Spacing
195kA 300mm Spacing

Temperature Range: -40°C to 60°C

Material: 316L Stainless Steel / Polymeric Liner/Base Pad



Code	Trefoil Cable Range		Dimensions			D1 + D2		Weight (g)
	Min	Max	(A)	(B)	(C)	(E)	Fixing Holes	
ER19-23	19.0	23.0	83.0	96.0	54.0	25.0	2xM10 + 1xM12	485
ER23-28	23.0	28.0	83.0	96.0	54.0	25.0	2xM10 + 1xM12	425
ER27-32	27.0	32.0	88.0	97.0	54.0	25.0	2xM10 + 1xM12	440
ER30-35	30.0	35.0	91.0	99.0	54.0	25.0	2xM10 + 1xM12	445
ER33-38	33.0	38.0	95.0	103.0	54.0	25.0	2xM10 + 1xM12	460
ER36-42	36.0	42.0	100.0	124.0	54.0	50.0	2xM10 + 1xM12	600
ER40-46	40.0	46.0	106.0	125.0	54.0	50.0	2xM10 + 1xM12	605
ER44-50	44.0	50.0	117.0	130.0	54.0	50.0	2xM10 + 1xM12	630
ER48-55	48.0	55.0	121.0	132.0	54.0	50.0	2xM10 + 1xM12	640
ER51-58	51.0	58.0	128.0	136.0	54.0	50.0	2xM10 + 1xM12	650
ER55-62	55.0	62.0	135.0	160.0	54.0	75.0	2xM10 + 1xM12	810
ER59-66	59.0	66.0	143.0	163.0	54.0	75.0	2xM10 + 1xM12	825
ER63-70	63.0	70.0	151.0	166.0	54.0	75.0	2xM10 + 1xM12	850
ER67-74	67.0	74.0	158.0	169.0	54.0	75.0	2xM10 + 1xM12	850
ER71-78	71.0	78.0	165.0	172.0	54.0	75.0	2xM10 + 1xM12	890
ER74-82	74.0	82.0	171.0	177.0	54.0	75.0	2xM10 + 1xM12	890
ER77-85	77.0	85.0	177.0	183.0	54.0	75.0	2xM10 + 1xM12	905
ER82-88	82.0	88.0	187.0	191.0	54.0	75.0	2xM10 + 1xM12	820
ER88-96	88.0	96.0	203.0	207.0	54.0	75.0	2xM10 + 1xM12	890
ER96-103	96.0	103.0	218.0	221.0	54.0	75.0	2xM10 + 1xM12	940
ER103-111	103.0	111.0	235.0	237.0	54.0	75.0	2xM10 + 1xM12	950
ER111-119	111.0	119.0	250.0	253.0	54.0	75.0	2xM10 + 1xM12	1010
ER119-128	119.0	128.0	275.0	265.0	54.0	75.0	2xM10 + 1xM12	1220

All dimensions in mm except where stated



Emperor

Single or Dual-Fixing

The Emperor range offers the ultimate protection against the harshest conditions, and its unique design means it can be quickly installed. Manufactured in Type 316L Stainless Steel, Emperor cleats are available in multiple sizes with range-taking capability, to suit single cables.

To protect and cushion the cables during short circuit conditions, the cleat is supplied with an integral Low Smoke and Fume Polymeric liner and base pad. We recommend that the Emperor is fixed using either two 10mm bolts, or a single 12mm bolt. Alternative bolt recommendations on request.

316L Stainless Steel Single Cleat

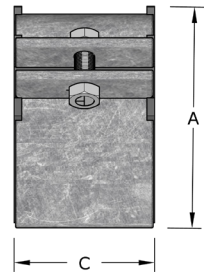
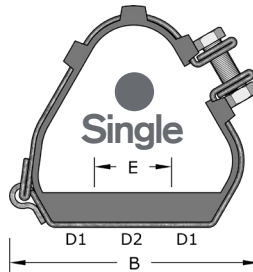
- Superior strength tensile strength
- Excellent weathering and corrosion resistance
- Excellent stiffness

Standards: European Standard IEC 61914:2021
ABS DNV Type Approved, UL Listed

Max Short-Circuit: 149kA 600mm Spacing
195kA 300mm Spacing

Temperature Range: -40°C to 60°C

Material: 316L Stainless Steel / Polymeric Liner/Base Pad



Single Cable Range			Dimensions			D1 + D2	
Code	Min	Max	(A)	(B)	(C)	(E)	Fixing Holes
ES32-39	32.0	39.0	89.0	91.0	54.0	25.0	2xM10 + 1xM12
ES37-45	37.0	45.0	93.0	96.0	54.0	25.0	2xM10 + 1xM12
ES44-52	44.0	52.0	98.0	99.0	54.0	25.0	2xM10 + 1xM12
ES51-59	51.0	59.0	102.0	103.0	54.0	25.0	2xM10 + 1xM12
ES58-66	58.0	66.0	101.0	109.0	54.0	25.0	2xM10 + 1xM12
ES65-73	65.0	73.0	103.0	111.0	54.0	25.0	2xM10 + 1xM12
ES73-85	73.0	85.0	112.0	135.0	54.0	50.0	2xM10 + 1xM12
ES84-94	84.0	94.0	135.0	135.0	54.0	50.0	2xM10 + 1xM12
ES94-118	94.0	118.0	150.0	160.0	54.0	50.0	2xM10 + 1xM12
ES118-130	118.0	130.0	160.0	175.0	54.0	75.0	2xM10 + 1xM12
ES127-150	127.0	150.0	180.0	180.0	54.0	75.0	2xM10 + 1xM12



Fixing Kit (see p.206)

Call the Remora sales team at **01226 352 000**

Challenge us - We find a solution

Ident & Wiring Term
Copper Lugs
Heatshrink Repair
Cable Joining
Junction Boxes
Flexible Conduit
Cable Glands
Gland Accs.
Cable Cleats
Earthing & Lightning
MCC Cable
Cable Ties & Acc
Cable Ties & Cable Ties
Tooling & Fixing & Security

Cable Cleats | CABLE HANGERS / HOOKS

CABLE HANGERS

Hangers
Cable Hangers

Galvanised Steel Cable Hangers

Cable Hangers are designed for holding power cables in single or multiple runs on walls or support structures. Fabricated from mild steel flat 6mm bar, hot dipped galvanised to BS EN ISO 1461:1999. Special designs are available on request.

The recommended safe working load for each hook is shown below. Hangers with multiple hook configurations are designed to operate with all hooks carrying their maximum load.

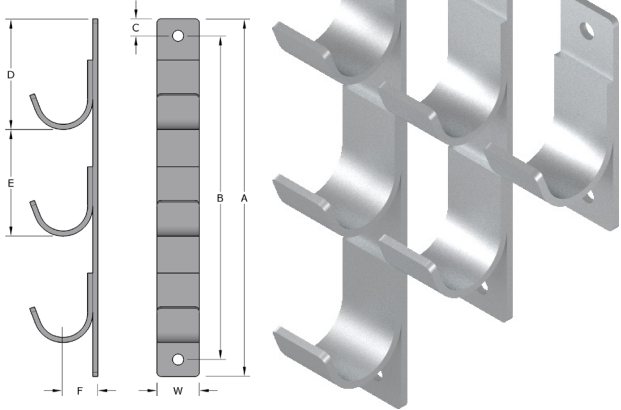
- Hanging/routing single and multiple cables to walls or supports structures
- Superior strength tensile strength
- Excellent stiffness
- Rounded corners to reduce snagging
- Custom designs available

Temperature Range: -40°C to 150°C

Material: Mild Steel

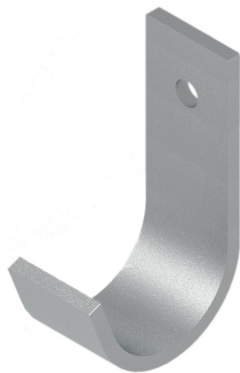
Finish: Spin Galvanised (55 or 150 micron)

Safe Working Load: 200 kg



Cable Range			Dimensions					Material Size			Weight	
Code	Min	Max	Ways	(A)	(B)	(C)	(D)	(E)	(F)	(W)	Thickness	(g)
CH1W1	-	50.0	1	145.0	105.0	20.0	105.0	-	37.0	40.0	6.0	500
CH2W1	-	50.0	2	235.0	195.0	20.0	105.0	90.0	37.0	40.0	6.0	900
CH3W1	-	50.0	3	325.0	285.0	20.0	105.0	90.0	37.0	40.0	6.0	1,300
CH4W1	-	50.0	4	415.0	375.0	20.0	105.0	90.0	37.0	40.0	6.0	1,700
CH5W1	-	50.0	5	505.0	465.0	20.0	105.0	90.0	37.0	40.0	6.0	2,100
CH6W1	-	50.0	6	595.0	555.0	20.0	105.0	90.0	37.0	40.0	6.0	2,500
CH1W2	51.0	75.0	1	170.0	130.0	20.0	130.0	-	50.0	50.0	6.0	820
CH2W2	51.0	75.0	2	295.0	255.0	20.0	130.0	125.0	50.0	50.0	6.0	1,480
CH3W2	51.0	75.0	3	420.0	380.0	20.0	130.0	125.0	50.0	50.0	6.0	2,240
CH4W2	51.0	75.0	4	545.0	505.0	20.0	130.0	125.0	50.0	50.0	6.0	2,980
CH5W2	51.0	75.0	5	670.0	630.0	20.0	130.0	125.0	50.0	50.0	6.0	3,710
CH6W2	51.0	75.0	6	795.0	755.0	20.0	130.0	125.0	50.0	50.0	6.0	4,440
CH1W3	76.0	100.0	1	185.0	145.0	20.0	145.0	-	62.0	50.0	6.0	980
CH2W3	76.0	100.0	2	345.0	305.0	20.0	145.0	160.0	62.0	50.0	6.0	1,900
CH3W3	76.0	100.0	3	505.0	465.0	20.0	145.0	160.0	62.0	50.0	6.0	2,820
CH4W3	76.0	100.0	4	665.0	625.0	20.0	145.0	160.0	62.0	50.0	6.0	3,600
CH5W3	76.0	100.0	5	825.0	785.0	20.0	145.0	160.0	62.0	50.0	6.0	4,660
CH6W3	76.0	100.0	6	985.0	945.0	20.0	145.0	160.0	62.0	50.0	6.0	5,600

All dimensions in mm except where stated



Hooks

Suspension Hooks

Galvanised Steel Suspension Hooks

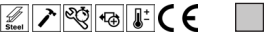
Suspension Hooks are designed for holding single power cables or small cable bundles. Fabricated from mild steel flat 6mm bar, hot dipped galvanised to BS EN ISO 1461:1999. Special designs are available on request. The recommended safe working load for each hook is shown below.

- Holding single cables or small bundles to walls or supports structures
- Superior strength tensile strength
- Excellent stiffness

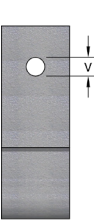
Temperature Range: -40°C to 150°C

Material: Mild Steel Hot Dipped Galvanised

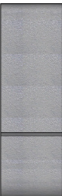
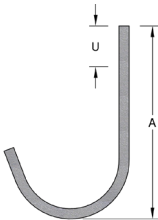
Safe Working Load: 200 kg



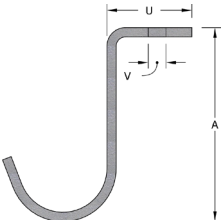
Code	Cable Range		Dimensions			Fixing		Weight
	Min	Max	(A)	(U)	(W)	Hole (mm) (V)	Thickness	
SHA1	-	50.0	105.0	25.0	40.0	11.0	6.0	320
SHA2	51.0	75.0	120.0	25.0	50.0	13.0	6.0	490
SHA3	76.0	100.0	155.0	25.0	50.0	13.0	6.0	1,300
SHB1	-	50.0	125.0	55.0	40.0	11.0	6.0	440
SHB2	51.0	75.0	140.0	60.0	50.0	13.0	6.0	680
SHB3	76.0	100.0	150.0	60.0	50.0	13.0	6.0	780
SHC1	-	50.0	125.0	40.0	40.0	13.0	6.0	460
SHC2	51.0	75.0	140.0	45.0	50.0	13.0	6.0	700
SHC3	76.0	100.0	150.0	45.0	50.0	13.0	6.0	780



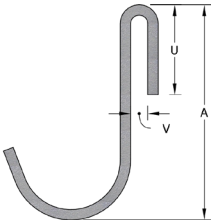
Type SHA



Type SHB



Type SHC



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CLEAT FIXING KITS

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Copper Lugs
Heatshrink Repair
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Flexible Conduit
Cable Glands
Gland Acss.
Cable Cleats
Earthing Lighting
MCC Cable
Cable Ties & Acc
Tooling & Cable Prep
Fixing & Security

Cleat Fixing Kits - Single Bolt

Kits for fixing Single Bolt cleats to standard 41mm steel channel or cable ladder.

Each kit contains:

- 1x Threaded BZP Stud
- 1x Hex Nut
- 1x Flat Washer
- 1x Channel Nut

Suitable for use with; 1FLSF or 1ALM



Code	Length	Thread	Pack QTY
SBFK10-100	100	M10	10
SBFK10-125	125	M10	10
SBFK10-150	150	M10	10
SBFK10-200	200	M10	10

Cleat Fixing Kits - Double Bolt

Kits for fixing Double Bolt cleats to standard 41mm steel channel or cable ladder.

Each kit contains:

- 2x Threaded BZP Stud
- 2x Hex Nut
- 2x Flat Washer
- 2x Channel Nut

Suitable for use with; TC, 2ALM, TRI, TRleco,



Code	Length	Thread	Pack QTY
DBFK10-100	100	M10	10
DBFK10-125	125	M10	10
DBFK10-150	150	M10	10
DBFK10-200	200	M10	10
DBFK10-225	225	M10	10

Cleat Fixing Kits - Trefoil

Kits for fixing Trefoil cleats to standard 41mm steel channel or cable ladder.

Each kit contains:

- 1x Threaded BZP Bolt
- 1x Flat Washer
- 1x Channel Nut

Suitable for use with; 376AC



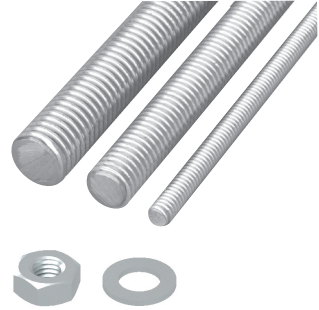
Code	Length	Thread	Pack QTY
TCFK10-25	25	M10	10
TCFK12-25	25	M12	10

M10 Threaded Stud & Accessories

Threaded rod, also known as a stud, is a metal rod with threads rolled out. Supplied in pre-cut lengths 100mm to 225mm to enable easy fixing of the cleat to 41mm wide steel channel or cable ladder rungs.



Code	Description	Pack QTY
M10-100	M10 x 100mm BZP Stud	10
M10-125	M10 x 125mm BZP Stud	10
M10-150	M10 x 150mm BZP Stud	10
M10-200	M10 x 200mm BZP Stud	10
M10-225	M10 x 225mm BZP Stud	10
M10-FN	M10 Hexagon Full Nut	100
M10-W	M10 Flat Washer	100

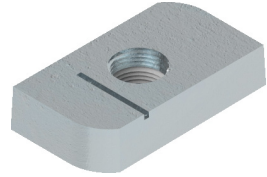


Channel Nuts

Channel nuts are one of the main components of strut system. They feature indentations that fit into the lips of strut channels, providing gripping strength to secure threaded rod and other hardware to struts.



Code	Description	Pack QTY
ZEB6	M6 BZP channel nut (no spring)	100
ZEB8	M8 BZP channel nut (no spring)	100
ZEB10	M10 BZP channel nut (no spring)	100
ZEB12	M12 BZP channel nut (no spring)	100



Code	Description	Pack QTY
ZEBS6	M6 BZP Short spring channel nut	100
ZEBS8	M8 BZP Short spring channel nut	100
ZEBS10	M10 BZP Short spring channel nut	100
ZEBS12	M12 BZP Short spring channel nut	100

Code	Description	Pack QTY
ZEBL6	M6 BZP Long spring channel nut	100
ZEBL8	M8 BZP Long spring channel nut	100
ZEBL10	M10 BZP Long spring channel nut	100
ZEBL12	M12 BZP Long spring channel nut	100

