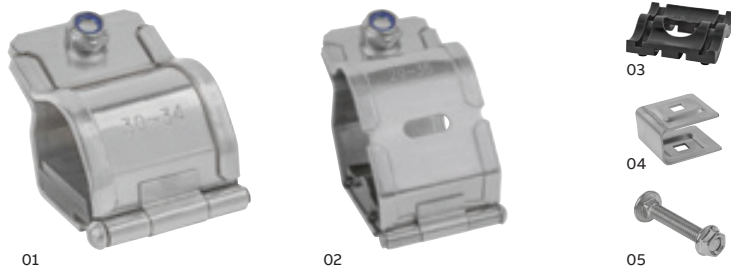

 TECHNICAL DATA SHEET

Cable cleats

Trefoil and Single

T&B® Cable Tray



- 01 Single cleat
- 02 Trefoil cleat
- 03 Spacer pad
- 04 Mounting bracket
- 05 3/8" carriage bolt and flange locknut

Features:

- Cable cleats include hardware to attach to standard aluminum and steel cable tray rungs.
- M10 closure hardware pre-assembled to cleats.
- Adapter kits:
 - ABCCBSR for nonmetallic square rung cable tray
 - ABCCBSRT for AH1-8-series aluminum cable tray

Cable cleats secure cables to T&B® Cable Tray and provide resistance to short circuit forces.

Certifications / Standards:


Applications:

- Oil and gas
- Mining
- Utilities

Conforms to:

- IEC 61914:2015

Test results:

Actual short circuit test parameters

Test cable diameter	Peak short circuit current	Initial rms short circuit	Cleat spacing m (inches)
33.5 mm in trefoil configuration	170 kA	77 kA	0.33 (13)

Note: The physical condition of the cable tray, cable cleats and intermediate restraints after short circuit application have only been evaluated under laboratory conditions. The continued use of the cable cleats and cable tray following an actual short circuit incident is solely at the discretion of the party responsible for the installation. The published cable tray load does not apply to damaged cable trays.

IEC classification:

According to IEC 61914

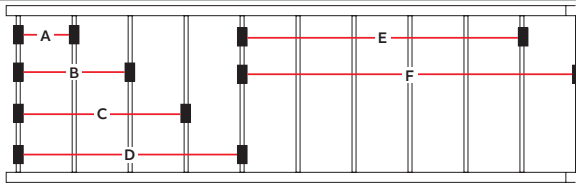
Material	Stainless steel 316L
Temperature range	-60°C to +120°C
Resistance to impact	Very Heavy
Lateral retention	25 kg
Axial retention	55 kg
Resistant to electromechanical forces	Withstanding more than one short circuit
Resistant to ultraviolet light	No cracks or damage
Resistant to corrosion	High

Note: Product must be installed in accordance with applicable national and local electrical codes. Do not place additional cables on top of cable cleats.

Cable cleat - Load rating:

Short circuit peak current rating (kA) based on tray bottom style and cleat positioning

Cable Cleat Positioning



Tray Bottom Style	(A) on every rung	(B) skip 1 rung	(C) skip 2 rungs	(D) skip 3 rungs	(E) skip 4 rungs	(F) skip 5 rungs
V	170	170	145	126	112	102
L06	170	154	126	109	97	89
L09	170	130	106	92	-	-
L12	164	116	95	-	-	-

Note: Product must be installed in accordance with applicable national and local electrical codes.

Cable cleat - trefoil style:

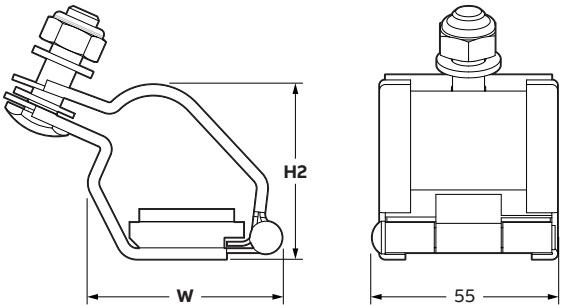
Product selection

Drawing	Part no.	Cable outer diameter (mm)		Cleat dimensions (mm)	
		Minimum	Maximum	H2	W
	ATCC1723	17	23	54.5	53.2
	ATCC1925	19	25	58.5	57.4
	ATCC2329	23	29	65.5	65.8
	ATCC2531	25	31	68.5	70.0
	ATCC2733	27	33	72.5	74.2
	ATCC2935	29	35	76.5	78.4
	ATCC3238	32	38	82.5	84.8
	ATCC35415	35	41.5	88.5	92.1
	ATCC38445	38	44.5	93.5	98.4
	ATCC4248	42	48	101.0	105.7
	ATCC4551	45	51	106.5	112.0
	ATCC4753	47	53	109.5	116.6
	ATCC4955	49	55	114.0	120.4
	ATCC5157	51	57	117.5	124.6
	ATCC5359	53	59	121.5	128.8
	ATCC5561	55	61	125.5	133.0
	ATCC5763	57	63	129.0	137.2
	ATCC5965	59	65	132.5	141.4
	ATCC6167	61	67	136.5	145.6
	ATCC6369	63	69	140.3	149.8
	ATCC6571	65	71	144.0	154.0
	ATCC6773	67	73	147.7	158.2
	ATCC6975	69	75	151.4	162.4
	ATCC7177	71	77	155.2	166.6
	ATCC7379	73	79	158.9	170.8
	ATCC7581	75	81	162.6	175.0
	ATCC7783	77	83	166.4	179.2
	ATCC7985	79	85	170.1	183.4
	ATCC8187	81	87	173.8	187.6
	ATCC8389	83	89	177.4	191.8
ATCC8692	86	92	183.2	198.1	
ATCC8896	88	96	190.6	205.0	
ATCC9199	91	99	196.2	212.8	
ATCC96103	96	103	203.7	221.2	
ATCC99107	99	107	211.2	229.6	
ATCC103111	103	111	218.6	238.0	
ATCC107115	107	115	226.1	246.4	
ATCC111119	111	119	233.6	254.8	
ATCC115123	115	123	241.0	263.1	
ATCC119129	119	129	252.2	275.7	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Cable cleat - single style:

Product selection

Drawing	Part no.	Cable outer diameter (mm)		Cleat dimensions (mm)	
		Minimum	Maximum	H2	W
	ASCC2832	28	32	46.0	46.7
	ASCC3034	30	34	48.0	47.4
	ASCC3236	32	36	50.0	47.4
	ASCC3438	34	38	52.0	49.5
	ASCC3640	36	40	54.0	51.5
	ASCC3842	38	42	56.0	53.6
	ASCC4044	40	44	58.0	58.4
	ASCC4246	42	46	60.0	59.1
	ASCC4448	44	48	62.1	59.8
	ASCC4650	46	50	64.0	61.9
	ASCC4852	48	52	66.0	63.9
	ASCC5054	50	54	68.0	66.0
	ASCC5256	52	56	68.5	68.0
	ASCC5458	54	58	72.0	70.1
	ASCC5660	56	60	74.0	72.1
	ASCC5862	58	62	76.0	74.2
	ASCC6064	60	64	78.0	76.3
	ASCC6266	62	66	80.0	78.4
	ASCC6468	64	68	82.0	80.4
	ASCC6670	66	70	84.0	82.5
	ASCC6872	68	72	86.0	84.6
	ASCC7074	70	74	86.5	86.6
	ASCC7276	72	76	90.0	88.7
	ASCC7478	74	78	92.0	90.7
	ASCC7680	76	80	94.0	92.3
	ASCC7882	78	82	96.0	94.9
	ASCC8084	80	84	98.0	96.9
	ASCC8286	82	86	100.0	99.0
	ASCC8488	84	88	102.0	101.1
	ASCC8690	86	90	104.0	103.1
ASCC8892	88	92	106.0	105.2	
ASCC9094	90	94	108.0	107.2	
ASCC9296	92	96	110.0	109.3	
ASCC94106	94	106	120.0	119.6	
ASCC100112	100	112	126.0	125.8	
ASCC106118	106	118	132.0	132.0	
ASCC112124	112	124	138.0	138.2	
ASCC118130	118	130	142.5	144.4	
ASCC127139	127	139	153.0	153.6	
ASCC132144	132	144	158.0	158.8	
ASCC138150	138	150	164.0	165.0	

Note: Product must be installed in accordance with applicable national and local electrical codes.

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