

Cable Cleats

Hayata's Cable Cleats are the first line of defense to protect people, other cables in the tray, terminations and the overall system installation in the event of a violent short circuit event. These heavy-duty IEC 61914:2021-certified mechanical restraints are easy to install and securely hold flat or trefoil power cable arrangements in position. These cleats are also approved by DNV GL (Det Norske Veritas) and CE.

Hayata's Cable Cleats offers these design features:

- Evenly distributes clamping force
- No sharp edges helps prevent cable jacket damage
- Accommodates thermal expansion and contraction
- Resists slipping
- Mitigates damage to the cable jacket under fault forces
- Single, trefoil & quad



SPECIFICATIONS

Cleat Pad Material	Polyolefin
Frame Material	50mm*2.1mm, Marine-Grade, Non-Magnetic SS 316L
Closing Hardware	SS 316L M6 , M8 , M10 or M12 bolt & Nylon Lock Nut
Integral Pad	Low Smoke, Halogen Free
Mounting Bolt	Provided with Cleat

TREFOIL CABLE CLEAT PERFORMANCE (IEC 61914:2021)

Electromagnetic Force Resistance	Test Cable Outer Dia: 35mm 9.5.2 180kA Peak 300mm Spacing (1X 0.1s 47.2kN) 9.5.3 125kA Peak 600mm Spacing (2X 0.1 s 45.5kN)
Lateral Load Test	25kg Avg
Axial Load Test	55kg Avg
Max/Min Temperature	-40°C -60°C
Impact Resistance	5kg, 400mm
Flame Test	30 Seconds
UV Resistance	1000 Hours





Hayata Single Cable Cleats

Part Number	Cable Diameter Range						Dimensions			
	Minimum Diameter		Middle Diameter		Maximum Diameter		Height		Width	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
SCC32-39	32	1.26	35	1.38	39	1.54	74	2.91	81	3.19
SCC37-45	37	1.46	40	1.57	45	1.77	77	3.03	88	3.46
SCC44-52	44	1.73	47	1.85	52	2.05	83	3.27	94	3.70
SCC51-59	51	2.01	54	2.13	59	2.32	87	3.43	102	4.02
SCC58-66	58	2.28	61	2.40	66	2.60	93	3.66	110	4.33
SCC65-73	65	2.56	68	2.68	73	2.87	99	3.90	116	4.57
SCC73-85	73	2.87	75	2.95	85	3.35	103	4.06	131	5.16
SCC84-94	84	3.31	86	3.39	94	3.70	112	4.41	140	5.51
SCC94-118	94	3.70	98	3.86	118	4.65	136	5.35	163	6.42
SCC118-130	118	4.65	120	4.72	130	5.12	148	5.83	175	6.89
SCC127-150	127	5.00	131	5.16	150	5.91	168	6.61	195	7.87

Hayata Trefoil Cable Cleats

Part Number	Cable Diameter Range						Dimensions			
	Minimum Diameter		Middle Diameter		Maximum Diameter		Height		Width	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
TCC13-23	13	0.51	20	0.79	23	0.91	79	3.11	82	3.23
TCC18-23	18	0.71	20	0.79	23	0.91	79	3.11	82	3.23
TCC23-28	23	0.91	25	0.98	28	1.10	84	3.31	93	3.66
TCC27-32	27	1.06	29	1.14	32	1.26	91	3.58	99	3.90
TCC30-35	30	1.18	33	1.30	35	1.38	96	3.78	103	4.06
TCC33-38	33	1.30	35	1.38	38	1.50	101	3.98	107	4.21
TCC36-42	36	1.42	38	1.50	42	1.65	109	4.29	116	4.47
TCC40-46	40	1.57	44	1.73	46	1.81	118	4.65	119	4.69
TCC44-50	44	1.73	47	1.85	50	1.97	121	4.76	126	4.96
TCC48-55	48	1.89	51	2.01	55	2.17	130	5.19	137	5.39
TCC51-58	51	2.01	53	2.09	58	2.28	134	5.28	143	5.63
TCC55-62	55	2.17	57	2.24	62	2.44	141	5.55	152	5.98
TCC59-66	59	2.32	64	2.52	66	2.60	148	5.83	161	6.34
TCC63-70	63	2.48	65	2.56	70	2.76	155	6.10	169	6.65
TCC67-74	67	2.64	69	2.72	74	2.91	161	6.34	178	7.01
TCC71-78	71	2.80	73	2.87	78	3.07	168	6.61	186	7.32
TCC74-82	74	2.91	76	2.99	82	3.23	175	6.89	195	7.68
TCC77-85	77	3.03	80	3.15	85	3.35	180	7.09	202	7.95
TCC82-88	82	3.23	84	3.31	88	3.46	185	7.28	208	8.19
TCC88-96	88	3.46	92	3.62	96	3.78	199	7.83	225	8.86
TCC96-103	96	3.78	100	3.94	103	4.06	210	8.27	240	9.45
TCC103-111	103	4.06	107	4.21	111	4.37	224	8.82	258	10.16
TCC111-119	111	4.37	115	4.53	119	4.69	237	9.33	275	10.83
TCC119-128	119	4.69	124	4.88	128	5.04	265	10.43	295	11.61

Hayata Quad Cable Cleats

Part Number	Cable Diameter Range						Dimensions			
	Minimum Diameter		Middle Diameter		Maximum Diameter		Height		Width	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
QCC18-22	18	0.71	20	0.79	22	0.87	92	3.62	61	2.40
QCC24-28	24	0.94	26	1.02	28	1.10	104	4.09	73	2.87
QCC30-34	30	1.18	32	1.26	34	1.34	116	4.57	85	3.35
QCC36-40	36	1.42	38	1.50	40	1.57	128	5.04	97	3.81
QCC42-46	42	1.65	44	1.73	46	1.81	140	5.51	109	4.29
QCC48-52	48	1.89	50	1.97	52	2.05	152	5.9	121	4.76
QCC54-58	54	2.13	56	2.20	58	2.28	164	6.46	133	5.24
QCC60-64	60	2.36	62	2.44	64	2.52	176	6.93	145	5.71
QCC66-70	66	2.60	68	2.68	70	2.76	188	7.40	157	6.18

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