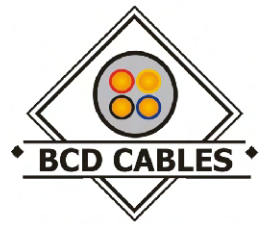


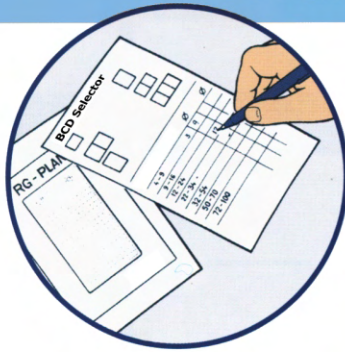
MCT Brattburg Installation Guide

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To assist with the correct selection and installation of the MCT Brattburg Multi-Cable Transit System

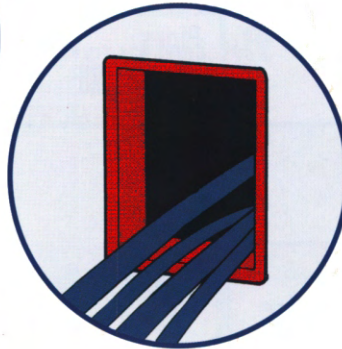


Frame Packing & Installation

- 1** Draw up a frame Plan to determine your cable layout.



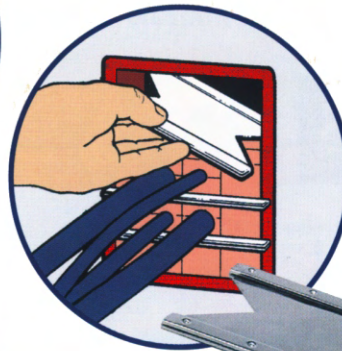
- 2** Make sure the frame is clean, then pull cables through, placing the largest at the bottom.



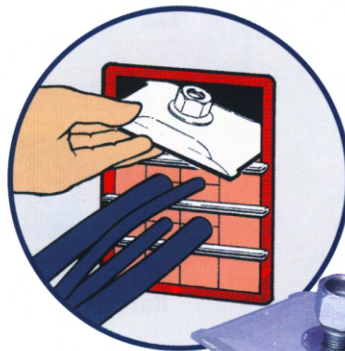
- 3** Lubricate the inside of the frame. The Insert Blocks are pre-lubricated to simplify the installation. Note: For pressure tight installation, all internal components must be lubricated.



- 4** Begin packing. A stayplate is inserted between each layer of Insert Blocks.



- 5** The compression plate is inserted before the last row of blocks.



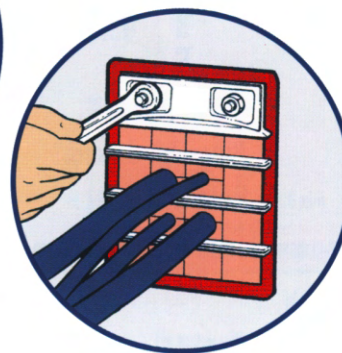
- 6** Pack the last row, then tighten the bolt on the compression plate counter-clockwise until there is 32mm of space between the top of the plate and the frame.



- 7** Insert endpacking with the tongue around the compression bolt.



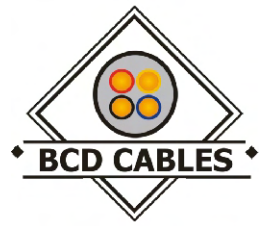
- 8** Tighten the nuts on the endpacking to compress and complete the seal. Approximately 12mm of thread should protrude on each bolt.



Note: Designs and styles may vary.

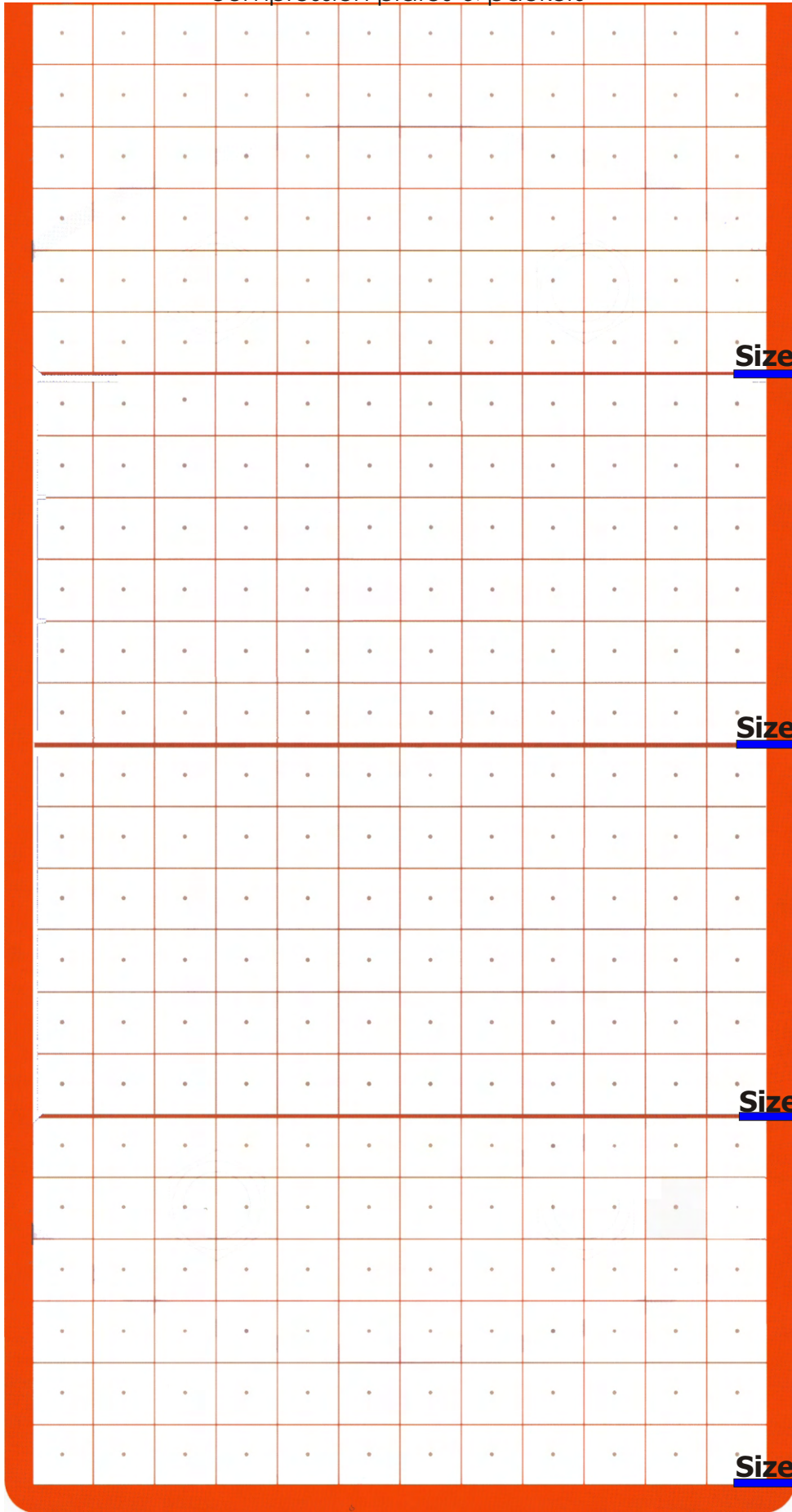
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Transit Frame Layout Guide

↑ The above area contains the compression plates & packers ↑



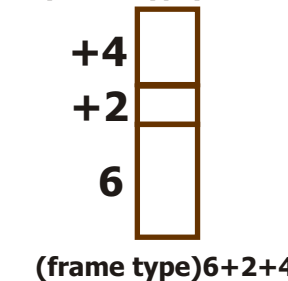
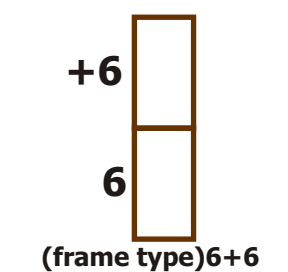
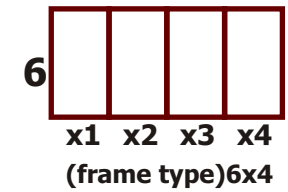
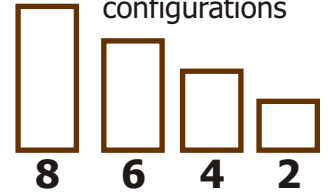
Various systems have been developed for the safe transit of cables & piping through bulkheads etc. providing an effective barrier against flame, water & gas ingress.

We have provided a frame selector along with a block selector table for two of the most commonly used types in the marine & offshore sectors.

Module Size	Available Hole Diameters mm	
	MCT	Hawke
24 x 5/0	0	0
12 x 10/0	0	0
15 x 15 mm	4 - 9	3 - 9
20 x 20	4 - 16	3 - 16
30 x 30	12 - 24	12 - 24
40 x 40	22 - 34	22 - 34
60 x 60	32 - 54	31 - 54
90 x 90	50 - 70	53 - 71
120 x 120	72 - 100	72 - 100

Note: Hawke blocks have an acceptance range of 3mm per block. Eg. Block size 30/15 will take between 15-18 mm

Frame sizes & configurations



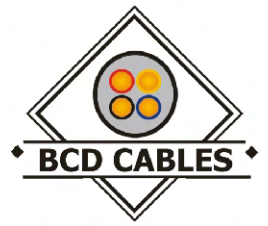
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Block Selector Table

Cable Diameter	MCT Blocks							Hawke Blocks						
	15	20	30	40	60	90	120	15	20	30	40	60	90	120
3.5-4.5	15/4	20/4						15/3-5	20/3-6					
4.5-5.5	15/5	20/5						15/5-7	20/3-6					
5.5-6.5	15/6	20/6						15/5-7	20/6-9					
6.5-7.5	15/7	20/7						15/7-9	20/6-9					
7.5-8.5	15/8	20/8						15/7-9	20/6-9					
8.5-9.5	15/9	20/9						15/7-9	20/6-9					
9.5-10.5		20/10							20/9-12					
10.5-11.5		20/11							20/9-12					
11.5-12.5		20/12	30/12						20/9-12	30/12-15				
12.5-13.5		20/13	30/13						20/11-14	30/12-15				
13.5-14.5		20/14	30/14						20/11-14	30/12-15				
14.5-15.5		20/15	30/15						20/13-16	30/12-15				
15.5-16.5		20/16	30/16						20/13-16	30/15-18				
16.5-17.5			30/17							30/15-18				
17.5-18.5			30/18							30/18-21				
18.5-19.5			30/19							30/18-21				
19.5-20.5			30/20							30/18-21				
20.5-21.5			30/21							30/21-24				
21.5-22.5			30/22	40/22						30/21-24	40/22-25			
22.5-23.5			30/23	40/22						30/21-24	40/22-25			
23.5-24.5			30/24	40/24						30/21-24	40/22-25			
24.5-25.5				40/24							40/22-25			
25.5-27.5				40/26							40/25-28			
27.5-29.5				40/28							40/25-28			
29.5-31.5				40/30							40/28-31			
31.5-33.5				40/32	60/32						40/31-34	60/31-34		
33.5-35.5				40/34	60/34						40/31-34	60/31-34		
35.5-37.5					60/36							60/34-37		
37.5-39.5					60/38							60/37-40		
39.5-41.5					60/40							60/40-43		
41.5-43.5					60/42							60/40-43		
43.5-45.5					60/44							60/43-46		
45.5-47.5					60/46							60/46-49		
47.5-49.5					60/48							60/46-49		
49.5-51.5					60/50	90/50						60/49-52		
51.5-53.5					60/52	90/52						60/52-54	90/53-56	
53.5-55.5					60/54	90/54						60/52-54	90/53-56	
55.5-57.5						90/56							90/56-59	
57.5-59.5						90/58							90/56-59	
59.5-61.5						90/60							90/59-62	
61.5-63.5						90/62							90/62-65	
63.5-65.5						90/64							90/62-65	
65.5-67.5						90/66							90/65-68	
67.5-69.5						90/68							90/68-71	
69.5-71.5						90/70							90/68-71	
71.5-73.5							120/72							120/72-75
73.5-75.5							120/74							120/72-75
75.5-79.5							120/76							120/75-78
79.5-81.5							120/78							120/78-81
81.5-83.5							120/80							120/81-84
83.5-85.5							120/82							120/84-87
85.5-87.5							120/84							120/84-87
87.5-89.5							120/86							120/87-90
89.5-91.5							120/90							120/90-93
91.5-93.5							120/92							120/90-93
93.5-95.5							120/94							120/93-96
95.5-97.5							120/96							120/96-100
97.5-99.5							120/98							120/96-100
99.5-101.5							120/100							120/96-100



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