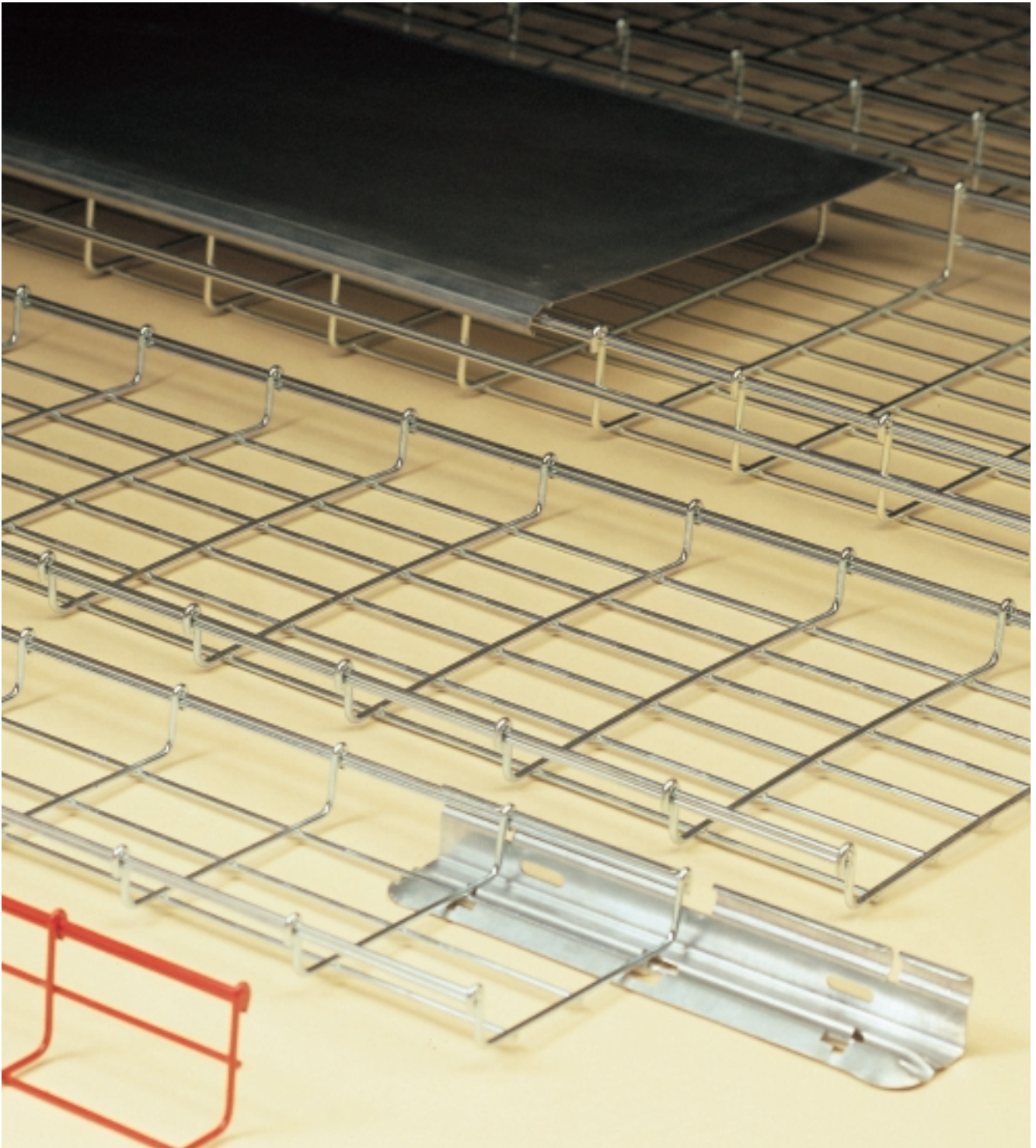


BFR RANGE

Wire mesh cable tray systems



Contents

● Advantages of the BFR Range wire mesh cable tray systems	page 133
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● Speed-lock coupler	page 140
● BFR Range wire mesh cable trays	page 141
● BFR Range installation accessories and supports	page 143
● BF Range AISI 304 L stainless steel wire mesh cable trays	page 144
● Bolt cropper for BFR and BR Range cable trays	page 145

THE FIVE ADVANTAGES OF BFR WIRE MESH CABLE TRAY SYSTEMS

The safety of rounded edges

The ends of the wires of the weft are bent outwards over the two wires, forming an extremely sturdy and rounded edge that makes it impossible to damage the cables when pulling them.

Characteristics:

- Practical cable tray installation
- Strengthened material ensuring installation
- Maximum protection for the electric cables.

Mechanical safety

The mechanical strength is due to the shape of the edges bent over two wires making the ducting exceptionally strong. When cutting the mesh cable trays, the wires of the cable trays stay joined at the top and cannot become unwelded as they are bound by the transverse wire (MAVIL patent).

BFR 30 - BFR 60 automatic quick coupling

The automatic quick coupling provides instant assembly thanks to a connecting piece available for BFR 30 and BFR 60, which snaps on automatically onto the edges of the BFR System cable trays.

Cover

The cover is fixed by simply pressing the rounded edges of the cable trays (MAVIL exclusive).

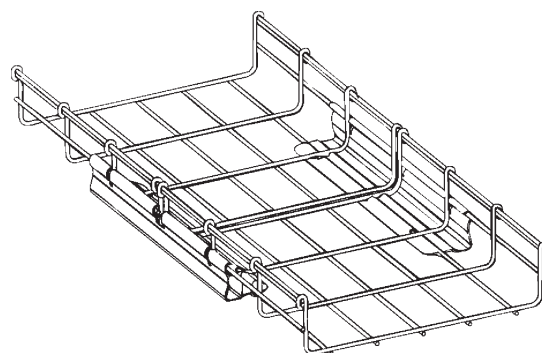
Quick installation and versatility

Cutting, bending, and fitting are the installation phases for the BFR system. This system makes it possible to form bends, cross and tee junctions, always using the same straight section length and forming them directly on-site depending on the routing requirements.

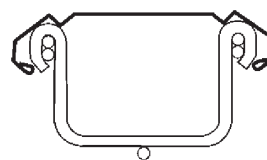
The BFR System

The system ensures, moreover:

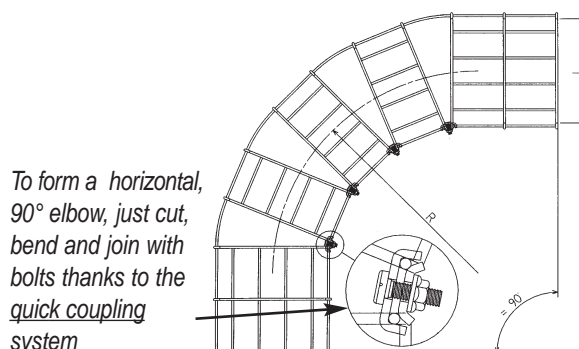
- * Exit of electric cables (optic fibres, control or communication cables) in all directions with no obstacles.
- * Excellent ventilation and therefore heat dissipation.
- * Utmost cleanliness.
- * Savings in installation time of 30%, compared to conventional systems, thanks to the mountings with no screws.



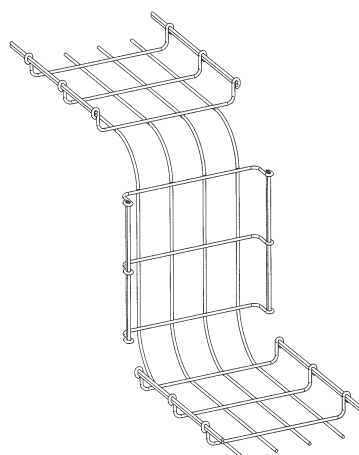
Time-saving speed-lock coupler (boltless)



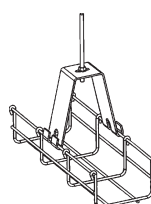
Detail of cover fixing (no accessories)



To form a horizontal, 90° elbow, just cut, bend and join with bolts thanks to the quick coupling system



To obtain a level change just cut and bend



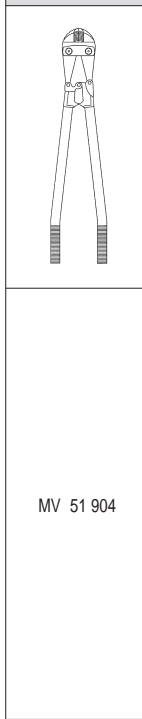
Thanks to the quick hanging support system you will save 30% in installation time

BFR RANGE

Selection guide

BFR Range galvanized wire mesh cable trays					
LENGTH: 3 METRES	1		2		
	WIRE MESH CABLE TRAY			COVER	
	DIMENSIONS W x H MM				
	Z 100	EZ	GAC		
BFR 30 GALVANIZED WIRE MESH CABLE TRAY	50 x 30	ON REQUEST	MV 50 420	MV 50 220	MV 50 150
	100 x 30		MV 50 421	MV 50 221	MV 50 151
	150 x 30		MV 50 422	MV 50 222	MV 50 152
	200 x 30		MV 50 423	MV 50 223	MV 50 153
	300 x 30		MV 50 425	MV 50 225	MV 50 155
BFR 60 GALVANIZED WIRE MESH CABLE TRAY	50 x 60	MV 50 530	MV 50 430	MV 50 230	MV 50 150
	100 x 60	MV 50 531	MV 50 431	MV 50 231	MV 50 151
	150 x 60	MV 50 532	MV 50 432	MV 50 232	MV 50 152
	200 x 60	MV 50 533	MV 50 433	MV 50 233	MV 50 153
	300 x 60	MV 50 535	MV 50 435	MV 50 235	MV 50 155
	400 x 60	MV 50 536	MV 50 436	MV 50 236	MV 50 156
	500 x 60	MV 50 537	MV 50 437	MV 50 237	MV 50 157
	600 x 60	MV 50 538	MV 50 438	MV 50 238	
BFR 110 (ON REQUEST) GALVANIZED WIRE MESH CABLE TRAY	150 x 110	MV 50 542	MV 50 442	MV 50 242	MV 50 152
	200 x 110	MV 50 543	MV 50 443	MV 50 243	MV 50 153
	300 x 110	MV 50 545	MV 50 445	MV 50 245	MV 50 155
	400 x 110	MV 50 546	MV 50 446	MV 50 246	MV 50 156
	500 x 110	MV 50 547	MV 50 447	MV 50 247	MV 50 157

Bolt cropper



Couplings

TYPE OF COUPLING	A COUPLING	B COUPLING		C COUPLING	
SURFACE TREATMENT	SPEED-LOCK COUPLER	SPLICE PLATE	COUNTER CLAMP BOLT	UNIVERSAL CLAMPING WASHER	COUNTER CLAMP BOLT
	3				
EZ/BICHRO			MV 51 422	MV 51 420	MV 51 422
Z 275	MV 51 110	MV 51 123			
GAC	MV 51 210	MV 51 223			
DACROMET			MV 51 222	MV 51 220	MV 51 222
BFR 30			n°6	n°2	n°2
				n°3	n°3
BFR 60	n°2	n°2	n°6	n°2	n°2
				n°3	n°3
				n°7	n°4
BFR 110		n°2	n°8	n°5	n°5
				n°9	n°6

Fittings to make

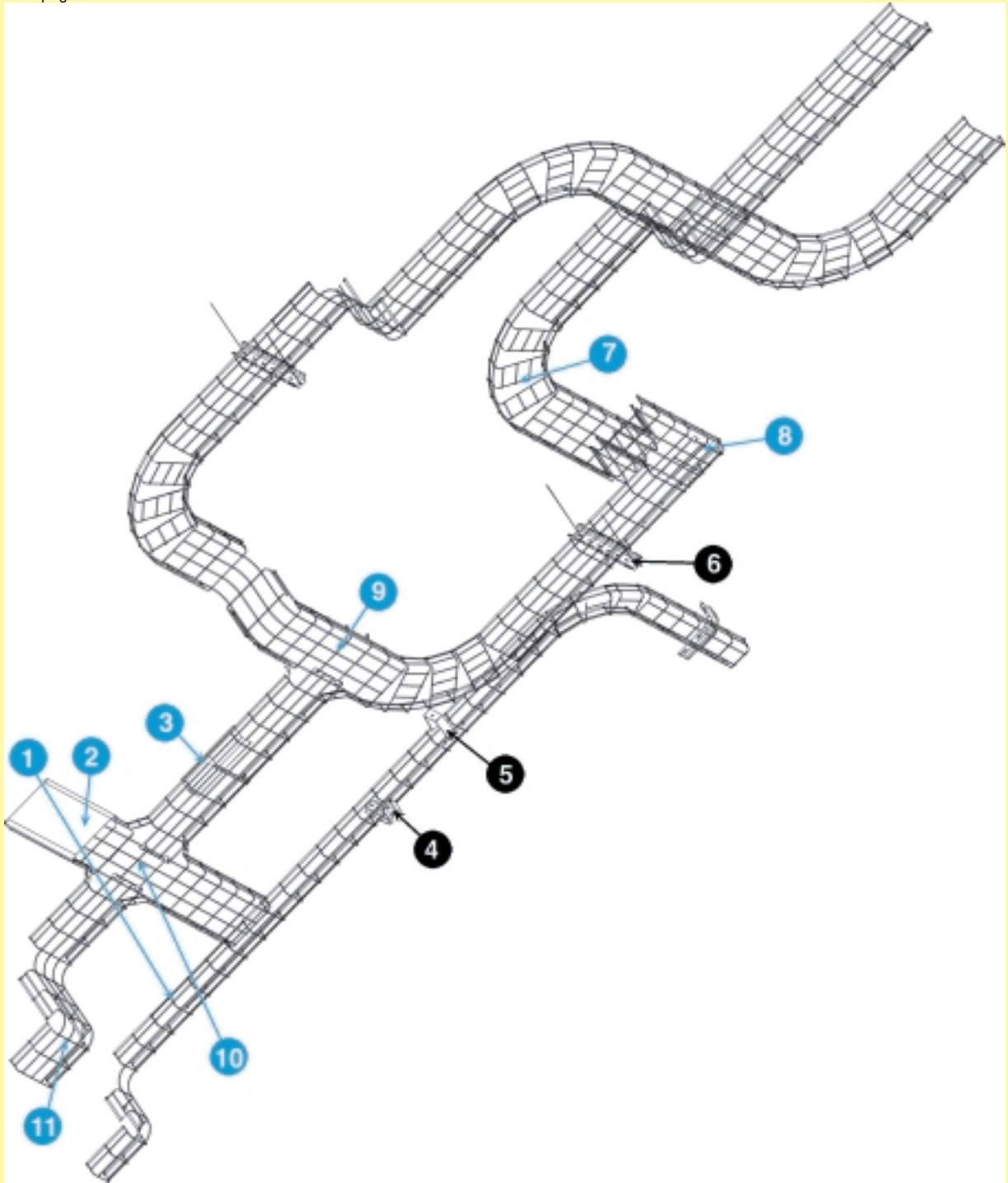
SURFACE TREATMENT	EZ	90° HORIZONTAL ELBOW ANGLE		90° HORIZONTAL TEE		HORIZONTAL		HORIZONTAL CROSS		LEVEL CHANGES (OVERCOMING OBSTACLES)	VERTICAL INSIDE/OUTSIDE LEVEL CHANGES	INSIDE ELBOW	OUTSIDE ELBOW
		7	8	9	10	11							
		UNIVERSAL CLAMPING WASHER	COUNTER CLAMPING WASHER	FIXING BOLT	UNIVERSAL CLAMPING WASHER	COUNTER CLAMP BOLT	UNIVERSAL CLAMPING WASHER	COUNTER CLAMP BOLT	UNIVERSAL CLAMPING WASHER	CONTR CLAMP BOLT			
BFR 30	50 x 30				n°1	n°1							
	100 x 30	n°2	n°2	n°2	n°1	n°1			n°6	n°6	●	●	●
	150 x 30	n°3	n°3	n°3	n°2	n°2	n°3	n°3	n°6	n°6			
	200 x 30	n°4	n°4	n°4	n°2	n°2	n°4	n°4	n°8	n°8			
	300 x 30	n°6	n°6	n°6	n°2	n°2	n°4	n°4	n°8	n°8			
BFR 60	50 x 60				n°1	n°1							
	100 x 60	n°2	n°2	n°2	n°1	n°1			n°6	n°6			
	150 x 60	n°3	n°3	n°3	n°2	n°2	n°3	n°3	n°6	n°6			
	200 x 60	n°4	n°4	n°4	n°2	n°2	n°4	n°4	n°8	n°8	●	●	●
	250 x 60	n°6	n°6	n°6	n°2	n°2	n°4	n°4	n°8	n°8			
	300 x 60	n°6	n°6	n°6	n°2	n°2	n°4	n°4	n°8	n°8			
	400 x 60	n°7	n°7	n°7	n°2	n°2	n°4	n°4	n°8	n°8			
500 x 60	n°9	n°9	n°9	n°2	n°2	n°4	n°4	n°8	n°8				
BFR 110	150 x 110	n°6	n°6	n°6	n°4	n°4	n°6	n°6	n°12	n°12			
	200 x 110	n°8	n°8	n°8	n°4	n°4	n°8	n°8	n°16	n°16			
	300 x 110	n°12	n°12	n°12	n°4	n°4	n°8	n°8	n°16	n°16	●	●	●
	400 x 110	n°14	n°14	n°14	n°4	n°4	n°8	n°8	n°16	n°16			
	500 x 110	n°18	n°18	n°18	n°4	n°4	n°8	n°8	n°16	n°16			

● To obtain vertical elbow it is sufficient to cut a few wires of the cable trays at the required point; please see technical sheets.

BFR Range galvanized wire mesh cable trays


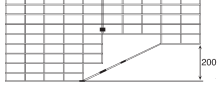






● See page 134

● See page 136












BFR RANGE

Selection guide

Reductions in width								
	SURFACE TREATMENT	REDUCTIONS			REDUCTIONS			
								
		UNIVERSAL CLAMPING WASHER	COUNTER CLAMP BOLT	SPLICE PLATE	UNIVERSAL CLAMPING WASHER	COUNTER CLAMP BOLT	SPLICE PLATE	
								
	Z 275			MV 51 123			MV 51 123	
	EZ/BICRO	MV 51 420	MV 51 422		MV 51 420	MV 51 422		
	GAC			MV 51 223			MV 51 223	
	DACROMET	MV 51 220	MV 51 222		MV 51 220	MV 51 222		
	1ST	2ND						
	150 x 30	50 x 30						
	200 x 30	100 x 30	n°2*	n°2*				
	300 x 30	200 x 30						
	300 x 30	100 x 30						
BFR 30 REDUCTION 1ST → 2ND	150 x 60	50 x 60						
	200 x 60	100 x 60						
	300 x 60	200 x 60						
	400 x 60	300 x 60						
	500 x 60	400 x 60	n°2	n°4	n°1	n°2	n°4	n°1
	300 x 60	100 x 60						
	400 x 60	200 x 60						
	500 x 60	300 x 60						
BFR 110 REDUCTION 1ST → 2ND	150 x 110	50 x 110						
	200 x 110	100 x 110						
	300 x 110	200 x 110						
	400 x 110	300 x 110						
	500 x 110	400 x 110	n°2	n°4	n°1	n°2	n°4	n°1
	300 x 110	100 x 110						
	400 x 110	200 x 110						
	500 x 110	300 x 110						

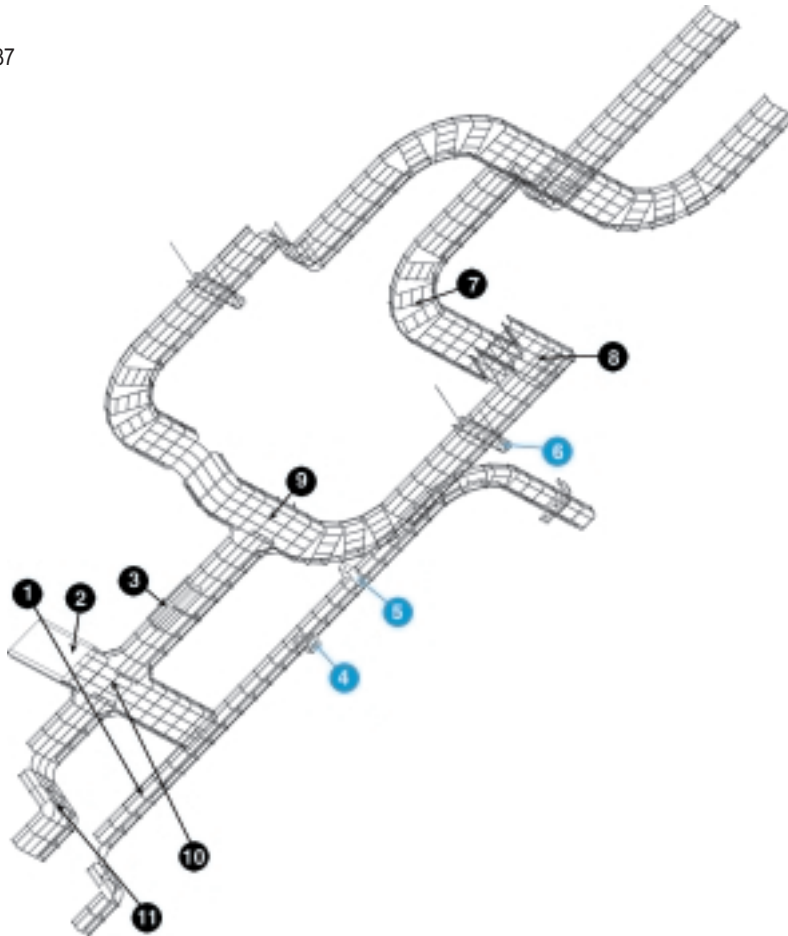
*Reduction possible with straight coupling and counter clamp bolt MV 51 422

Supports and fixings										
	DIMENSIONS W x H	FIXING ON OMEGA BRACKET			SUSPENSION FIXING			SURFACE-MOUNTING FIXING	CEILING FIXING	FIXING LUMINAIRES
		ATTACHMENT CLIP WIDTH 50	FILMATIC	COUNTER CLAMP BOLT	SIDE RAIL SUSPENSION FIXING ROD	CENTRE SUPPORT CLAMP*	DROP ROD HANGER	WALL-MOUNTING SUPPORT BRACKET BFR 60 WIDTH 50/100	SUSPENSION BRACKET BFR 30/60 WIDTH 50/100	LAMP SUSPENSION
										
BFR 30	50 x 30	MV 51 101					MV 51 107		MV 64 161	MV 51 107
	100 x 30						MV 51 140			MV 51 108
	150 x 30					MV 51 402				
	200 x 30									
BFR 60	300 x 30									
	50 x 60	MV 51 101					MV 51 107	MV 51 103	MV 64 161	MV 51 107
	100 x 60						MV 51 140	MV 51 103	MV 64 161	MV 51 108
	150 x 60									
	200 x 60		MV 51 100	MV 66 403	MV 51 105	MV 51 806				
300 x 60										
400 x 60										
500 x 60										
BFR 110	150 x 110									
	200 x 110									
	300 x 110									
	400 x 110									
	500 x 110									


BFR Range galvanized wire mesh cable trays

● See pages 136-137

● See page 134

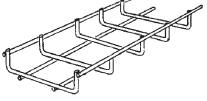
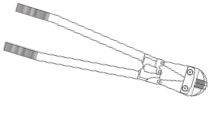





Universal supports


	DIMENSIONS W x H	UNIVERSAL SUPPORTS		UNIVERSAL SUPPORTS FOR DIFFERENT TYPES OF INSTALLATIONS						CENTRAL SUSPENSION UNIVERSAL
		6 		HORIZONTAL	VERTICAL	IN UNDERGROUND PASSAGE	SUSPENDED			
		Z 275	GAC	Z 275			GAC			
				LENGHT			LENGHT			
			1000 mm	1500 mm	2000 mm	1000 mm	1500 mm	2000 mm		
BFR 30	50 x 30									
	100 x 30	MV 51 130	MV 51 230							
	150 x 30	MV 51 131	MV 51 231							
	200 x 30	MV 51 132	MV 51 232							
	300 x 30	MV 51 133	MV 51 233							
BFR 60	50 x 60									
	100 x 60	MV 51 130	MV 51 230	MV 51 136	MV 51 137	MV 51 138	MV 51 236	MV 51 237	MV 51 238	MV 64162
	150 x 60	MV 51 131	MV 51 231							
	200 x 60	MV 51 132	MV 51 232							
	300 x 60	MV 51 133	MV 51 233							
	400 x 60	MV 51 134	MV 51 234							
500 x 60	MV 51 135	MV 51 235								
BFR 110	150 x 110	MV 51 131	MV 51 231							
	200 x 110	MV 51 132	MV 51 232							
	300 x 110	MV 51 133	MV 51 233							
	400 x 110	MV 51 134	MV 51 234							
	500 x 110	MV 51 135	MV 51 235							

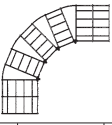
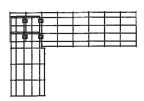
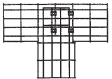
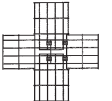










BF RANGE

Selection guide

AISI 304 L stainless steel wire mesh cable trays			Accessories
LENGHT: 3 METRES	STAINLESS STEEL WIRE MESH CABLE TRAY		BOLT CROPPER
	DIMENSIONS W x H		
BF 30	50 x 30	MV 50 620	MV 51 904
	100 x 30	MV 50 621	
	150 x 30	MV 50 622	
	200 x 30	MV 50 623	
	300 x 30	MV 50 625	
BF 56	50 x 56	MV 50 630	
	100 x 56	MV 50 631	
	150 x 56	MV 50 632	
	200 x 56	MV 50 633	
	300 x 56	MV 50 635	
	400 x 56	MV 50 636	
	500 x 56	MV 50 637	

Supports				
	FIXING ON OMEGA BRACKET			
				
	DIMENSIONS W x H	OMEGA BRACKET	FIXING BOLT	COUNTER CLAMPING WASHER
BF 30 AISI 304 L STAINLESS STEEL WIRE MESH CABLE TRAY	50 x 30			
	100 x 30	MV 60 600		
	150 x 30	MV 60 601		
	200 x 30	MV 60 601		
	300 x 30	MV 60 610		
BF 56 AISI 304 L STAINLESS STEEL WIRE MESH CABLE TRAY	50 x 56		MV 66 620	MV 51 621
	100 x 56	MV 60 600		
	150 x 56	MV 60 601		
	200 x 56	MV 60 601		
	300 x 56	MV 60 612		
	400 x 56	MV 60 613		
	500 x 56	MV 60 614		

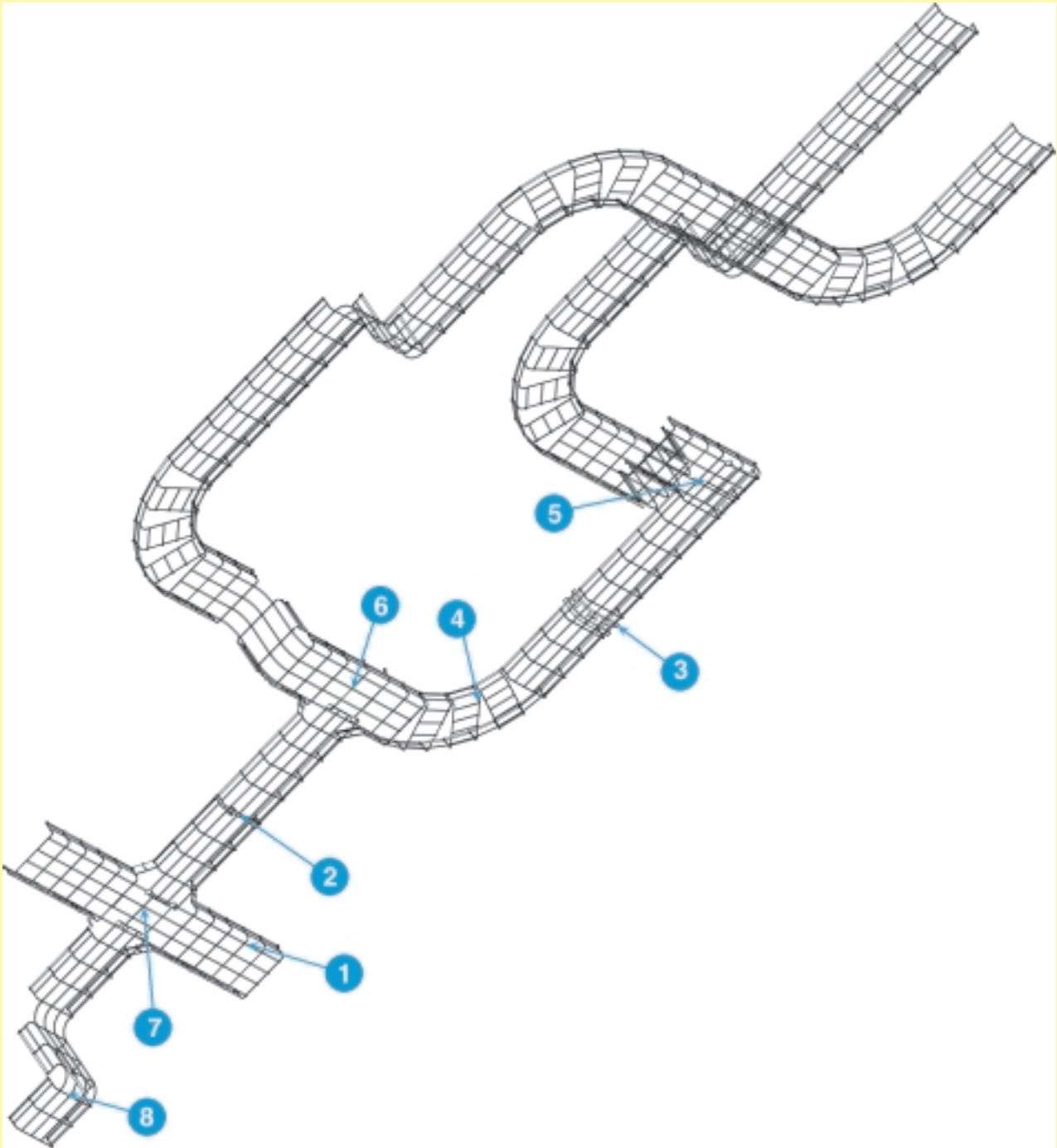
Couplings		
		C COUPLING
		
		COMPLETE CLAMP
	DIMENSIONS W x H	MV 51 624
BF 30 AISI 304 L STAINLESS STEEL WIRE MESH CABLE TRAY	50 x 30	
	100 x 30	2
	150 x 30	
	200 x 30	3
	300 x 30	
BF 56 AISI 304 L STAINLESS STEEL WIRE MESH CABLE TRAY	50 x 56	2
	100 x 56	
	150 x 56	
	200 x 56	3
	300 x 56	
	400 x 56	4

Fittings to make											
		90° HORIZONTAL ELBOW			90° HORIZONTAL ANGLE	HORIZONTAL TEE	HORIZONTAL CROSS	LEVEL CHANGES (OVERCOMING OBSTACLES)	VERTICAL INSIDE/OUTSIDE LEVEL CHANGES	INSIDE ELBOW (INTERNAL)	OUTSIDE ELBOW
											
	DIMENSIONS W x H	UNIVERSAL CLAMPING WASHER	COUNTER CLAMPING WASHER	FIXING BOLT	COMPLETE CLAMP	COMPLETE CLAMP	COMPLETE CLAMP				
											
		MV 51 620	MV 51 621	MV 66 620	MV 51 624	MV 51 624	MV 51 624				
BF 30	50 x 30										
	100 x 30	n°2	n°2	n°2	n°1	n°3	n°6	●	●	●	●
	150 x 30	n°3	n°3	n°3	n°2	n°3	n°6				
	200 x 30	n°4	n°4	n°4	n°2	n°4	n°8				
	300 x 30	n°6	n°6	n°6	n°2	n°4	n°8				
BF 60	50 x 56				n°1						
	100 x 56	n°2	n°2	n°2	n°1	n°3	n°6				
	150 x 56	n°3	n°3	n°3	n°2	n°3	n°6				
	200 x 56	n°4	n°4	n°4	n°2	n°4	n°8				
	300 x 56	n°6	n°6	n°6	n°2	n°4	n°8	●	●	●	●
	500 x 56	n°9	n°9	n°9	n°2	n°4	n°8				

● This application requires no coupling accessories. It is sufficient to cut a few side wires of the cable trays at the required point.

BFR Range AISI 304 L stainless steel wire mesh cable trays

See pages 134-136

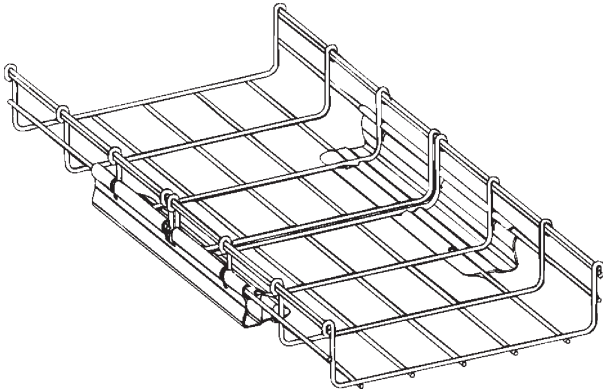


BFR RANGE

Galvanized wire mesh cable trays



SPEED-LOCK COUPLER: A REVOLUTION IN INSTALLATION

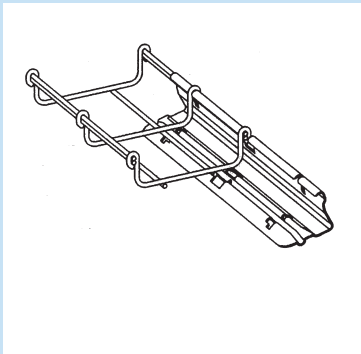


The straight junction of the wire mesh cable trays has been designed to provide a quick and solid joint. The BFR speed-lock coupler allows installation using a simple screwdriver, without bolts and wrenches.

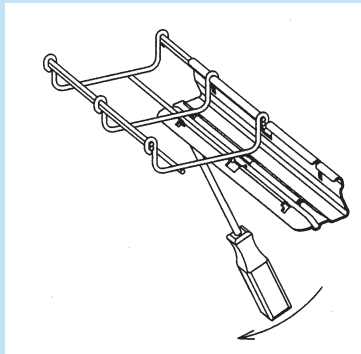
Only two speed-lock couplers per side are required to get a complete junction, instead of the 8 bolts used by traditional systems.

It is one of the major labor-saving advantages that offers installers a definitely interesting and innovative alternative to facilitate installation and design while cutting costs of materials storage and operations and time.

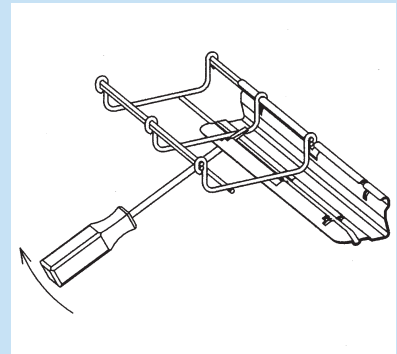
INSTALLING THE BFR SPEED-LOCK COUPLER



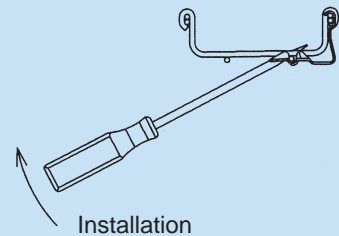
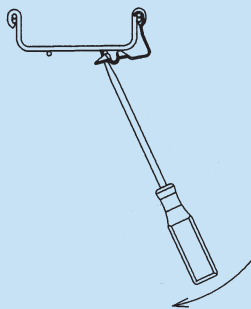
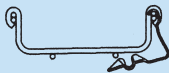
Phase 1
Position the coupling on the edge outside of the cable trays (BFR 30).



Phase 2
Put a screwdriver into the hole of the speed-lock coupling.



Phase 3
Move the screwdriver upward in direction of the arrow. Coupler snaps into place.



Installation

Galvanized wire mesh cable trays

TECHNICAL CHARACTERISTICS - BFR

- **STANDARDS:** Cable tray Continuous Hot-Dip galvanization NF A 91-131 (thickness 17 microns)
EZ : Electro-zinc plated NF A 91-102 (thickness 15 to 20 microns)
GAC: Hot-Dip galvanization after manufacturing NF A 91-121 / NF A 91-122 (thickness 60 to 80 microns)
- **Accessories** Z 275: Continuous Hot-Dip galvanization (pre-galvanized) NF A 36-321/ NF A 36-322 (thickness 21 microns)
EZ Bichro: Electro-zinc plated bichromate NF A 91-472
Dacromet: Standard finish made of zinc and aluminium
- **TRADE NAME:** BFR
- **MARKING:** CE
- **COLOUR:** Zinc - available on demand RED - YELLOW - BLUE with epoxy powder coating (Epoxy version)
- **MATERIAL:** Galvanized welded steel wire
- **STANDARD ENGT:** 3 metres

* BFR fixing clip width 50
MV 51 101

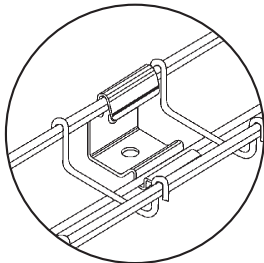
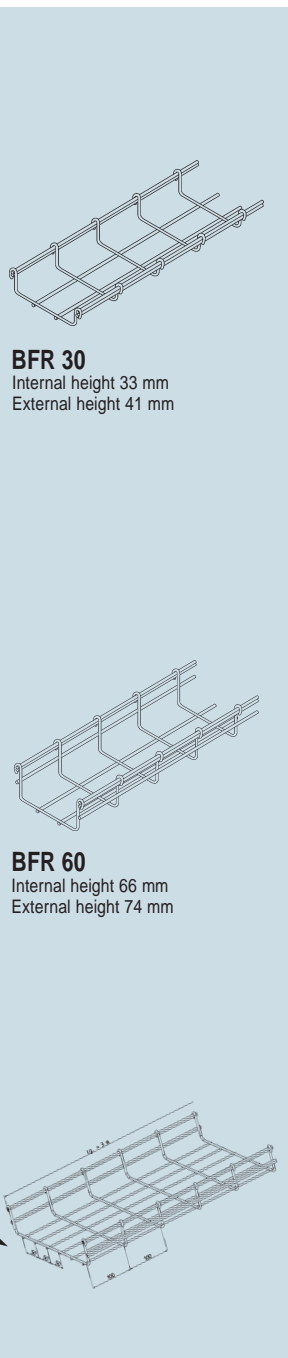
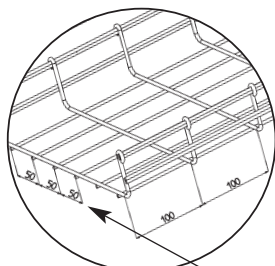


Table of loads

Range	Width mm	Load ⁽¹⁾ daN/m span	
		1.5 m	2 m
BFR 30	50	7	3
	100	10	4
	150	15	5
	200	20	7
	300	25	12
BFR 60	50	20	8
	100	29	12
	150	43	18
	200	43	18
	300	54	22
	400	105	50
	500	140	64

(1) Deflection at mid span 1/200
Safety factor: 2.5
Coupling L/5



BFR 30
Internal height 33 mm
External height 41 mm

BFR 60
Internal height 66 mm
External height 74 mm

BFR 30 Range

Galvanized wire mesh cable tray

Code	Description	Width mm	Treatment	Carton metres
MV 50 420	BFR 30-33 mm	50*	EZ	30
MV 50 421	BFR 30-33 mm	100		30
MV 50 422	BFR 30-33 mm	150		18
MV 50 423	BFR 30-33 mm	200		12
MV 50 425	BFR 30-33 mm	300		6
MV 50 220	BFR 30-33 mm	50*	GAC	30
MV 50 221	BFR 30-33 mm	100		30
MV 50 222	BFR 30-33 mm	150		18
MV 50 223	BFR 30-33 mm	200		12
MV 50 225	BFR 30-33 mm	300		6

* Width 50: 1 wire in chain (bottom wire)

BFR 60 Range

Galvanized wire mesh cable tray

Code	Description	Width mm	Treatment	Carton metres
MV 50 530	BFR 60-66 mm	50*	Z 100	24
MV 50 531	BFR 60-66 mm	100		24
MV 50 532	BFR 60-66 mm	150		12
MV 50 533	BFR 60-66 mm	200		12
MV 50 534	BFR 60-66 mm	250		6
MV 50 535	BFR 60-66 mm	300	6	
MV 50 536	BFR 60-66 mm	400	6	
MV 50 537	BFR 60-66 mm	500	6	
MV 50 538	BFR 60-66 mm	600 •	6	
MV 50 430	BFR 60-66 mm	50*	EZ	24
MV 50 431	BFR 60-66 mm	100		24
MV 50 432	BFR 60-66 mm	150		12
MV 50 433	BFR 60-66 mm	200		12
MV 50 434	BFR 60-66 mm	250		6
MV 50 435	BFR 60-66 mm	300	6	
MV 50 436	BFR 60-66 mm	400	6	
MV 50 437	BFR 60-66 mm	500	6	
MV 50 438	BFR 60-66 mm	600 •	6	
MV 50 230	BFR 60-66 mm	50*	GAC	24
MV 50 231	BFR 60-66 mm	100		24
MV 50 232	BFR 60-66 mm	150		12
MV 50 233	BFR 60-66 mm	200		12
MV 50 234	BFR 60-66 mm	250		6
MV 50 235	BFR 60-66 mm	300	6	
MV 50 236	BFR 60-66 mm	400	6	
MV 50 237	BFR 60-66 mm	500	6	
MV 50 238	BFR 60-66 mm	600 •	6	

* Width 50: 1 wire in chain (bottom wire)

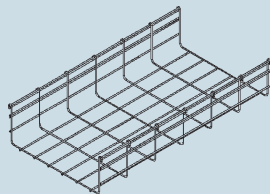
• Width 600: on request

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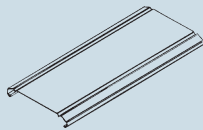
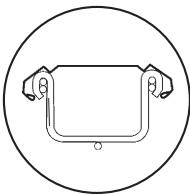
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BFR RANGE

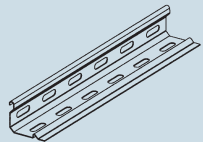
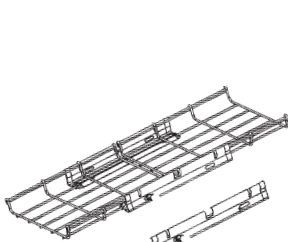
Galvanized wire mesh cable trays



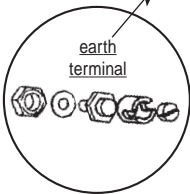
BFR 110
Internal height 115 mm
External height 124 mm



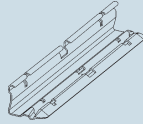
BFR Cover



BRN 35
Divider for BFR 30



MV 51 110



MV 51 422



MV 51 420



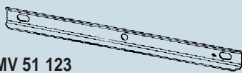
MV 51 421



MV 66 403



MV 51 123



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BFR 110 Range

Galvanized wire mesh cable trays

Code	Description	Width mm	Treatment	Carton metres
MV 50 542	BFR 110-115 mm	150	Z100	12
MV 50 543	BFR 110-115 mm	200		6
MV 50 545	BFR 110-115 mm	300		6
MV 50 546	BFR 110-115 mm	400		6
MV 50 547	BFR 110-115 mm	500		6
MV 50 442	BFR 110-115 mm	150	EZ	12
MV 50 443	BFR 110-115 mm	200		6
MV 50 445	BFR 110-115 mm	300		6
MV 50 446	BFR 110-115 mm	400		6
MV 50 447	BFR 110-115 mm	500		6
MV 50 242	BFR 110-115 mm	150	GAC	12
MV 50 243	BFR 110-115 mm	200		6
MV 50 245	BFR 110-115 mm	300		6
MV 50 246	BFR 110-115 mm	400		6
MV 50 247	BFR 110-115 mm	500		6

Note: BFR 110 on request.

BFR 30 - BFR 60 - BFR 110 Range

Cover

Code	Description	Width mm	Treatment	Carton metres
MV 50 150	BFR cover	50	Z 275	60
MV 50 151	BFR cover	100		30
MV 50 152	BFR cover	150		30
MV 50 153	BFR cover	200		30
MV 50 154	BFR cover	250		18
MV 50 155	BFR cover	300		18
MV 50 156	BFR cover	400		12
MV 50 157	BFR cover	500		12

Note: supplied in 3 metres length

BFR Range

Divider for BFR 30-60 length 3 metres

Code	Description	Width mm	Treatment	Carton metres
MV 65 110	BFR 30/BRN 35 Divider	3000	Z 275	30
MV 65 111	BFR 60/BRN 50 Divider	3000		30
MV 65 210	BFR 30/BRN 35 Divider	3000	GAC	30
MV 65 211	BFR 60/BRN 50 Divider	3000		30

BFR Range

Speed-lock coupler (boltless)

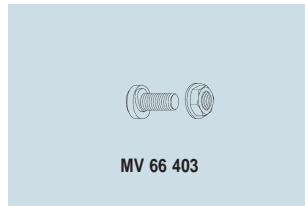
Code	Description	Carton Qty.
MV 51 110	BFR Speed-lock coupler	Z 275 50
MV 51 210	BFR Speed-lock coupler	GAC 50

BFR Range

Couplers

Code	Description		Pack/Carton Qty.
MV 66 403	Bolt 6x20 with flanged nut	Bichro	100/3000
MV 51 420	BFR Universal clamping washer	Bichro	100/1000
MV 51 421	Counter clamping washer	Bichro	100/1000
MV 51 422	Counter clamp with bolt	Bichro	100/1000
MV 51 123	BFR 60/110 Splice plate	Z 275	100
MV 66 203	Bolt 6x20 with flanged nut	Dacro	100/3000
MV 51 220	BFR Universal clamping washer	Dacro	100/1000
MV 51 221	Counter clamping washer	Dacro	100/1000
MV 51 222	Counter clamp with bol	Dacro	100/1000
MV 51 223	BFR 60/110 Splice plate	GAC	100

Galvanized wire mesh cable trays



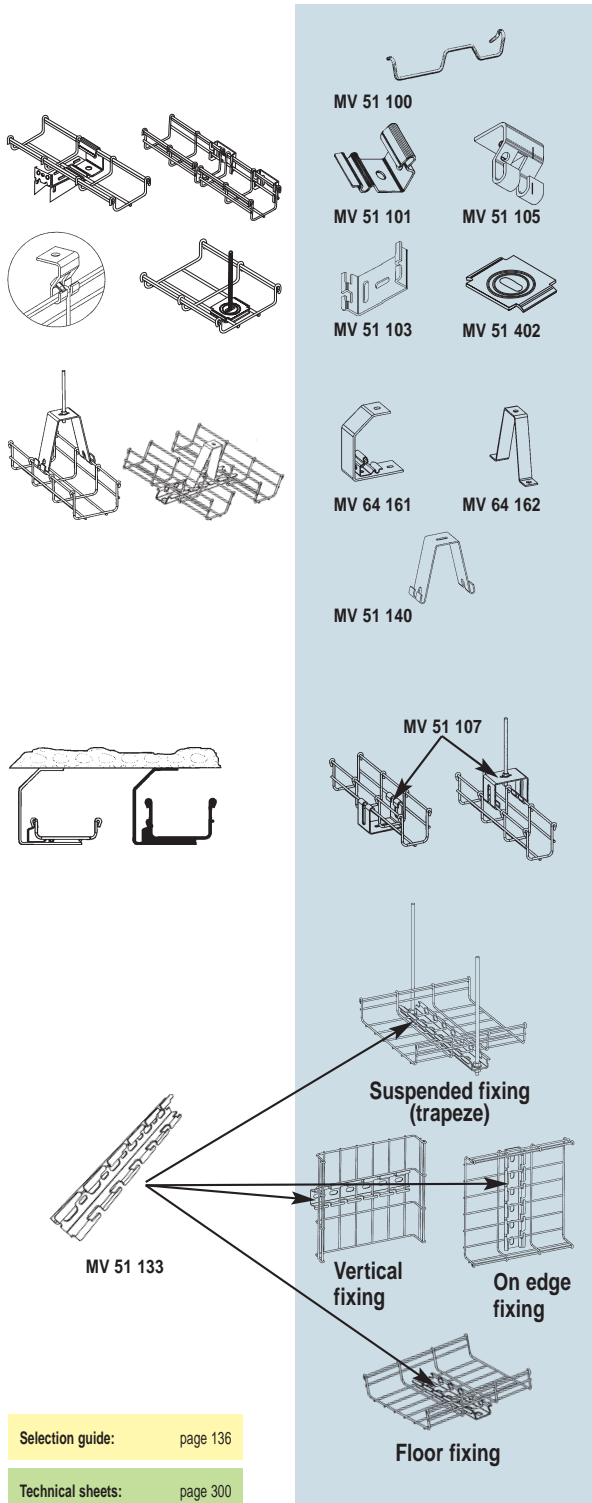
BFR Range

Bolts (mushroom head with flanged nut)

Code	Description		Pack/Carton Qty.
MV 66 403	6x20 bolt	Bichro	100/3000
MV 66 203	6x20 bolt	Dacro	100/3000

Note: 100 = 1 bag of 100 bolts

Supports and fixings



BFR Range

Fixing accessories

Code	Description		Pack/Carton Qty.
MV 51 100	FILMATIC fixing clip	Z 275	100/1000
MV 51 101	Attachment clip width 50	Z 275	100
MV 51 105	*Side rail rod suspension hanger	Z 275	100
MV 51 806	Rivet retainer for side rail suspension hanger	Nylon	100
MV 51 402	** Centre rod suspension clamp	Bichro	100
MV 51 103	BFR Wall mounting support bracket width 50/100	Z 275	100
MV 64 161	BFR Suspension bracket width 50/100	Z 275	100
MV 51 140	BFR Drop rod hanger width 100	Z 275	100
MV 64 162	*** Double tray hanger with universal support	Z 275	100

* MV 51 105: use threaded rod \varnothing 8

** MV 51 402: use 2 camps for fixing with threaded rod \varnothing 6 mm

*** MV 64 162: use threaded rod \varnothing 10.

BFR Range

Lamp suspension

Code	Description		Carton Qty.
MV 51 107	* Drop rod hanger 02 lamp suspension width 50	Z 275	100
MV 51 108	** Lamp suspension width 100	Z 275	100

* MV 51 107 two-way: mounting for BFR lamps width 50 or rod suspension BFR width 50

** MV 51 140 - MV 51 107 use threaded rod \varnothing 6.

BFR Range

Universal supports

Code	Description	Width mm	Treatment	Carton pieces
MV 51 130	BFR universal support	100	Z 275	100
MV 51 131	BFR universal support	150		100
MV 51 132	BFR universal support	200		50
MV 51 133	BFR universal support	300		50
MV 51 134	BFR universal support	400		25
MV 51 135	BFR universal support	500		25
MV 51 136	BFR universal support	1000		10
MV 51 137	BFR universal support	1500		10
MV 51 138	BFR universal support	2000		10
MV 51 230	BFR universal support	100		GAC
MV 51 231	BFR universal support	150	100	
MV 51 232	BFR universal support	200	50	
MV 51 233	BFR universal support	300	50	
MV 51 234	BFR universal support	400	25	
MV 51 235	BFR universal support	500	25	
MV 51 236	BFR universal support	1000	10	
MV 51 237	BFR universal support	1500	10	
MV 51 238	BFR universal support	2000	10	

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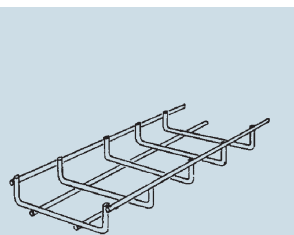
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BFR RANGE

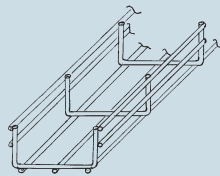
AISI 304 L stainless steel wire mesh cable trays

TECHNICAL CHARACTERISTICS - **BF** INOX 304 L

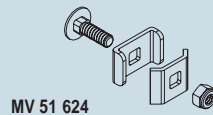
- **STANDARDS:** AISI 304: Z6 CN 18-09
AISI 304L: Z2 CN 18-10
- **TRADE NAME:** INOX AISI 304L
- **MARKING:** CE
- **MATERIAL:** Wire mesh cable tray: AISI 304 L stainless steel
Supports and couplings: AISI 304 stainless steel
- **STANDARD LENGHT:** 3 metres
- **APPLICATION:** Especially suited to the food industry



BF 30
Internal height 28 mm
External height 37 mm



BF 56
Internal height 52 mm
External height 61 mm

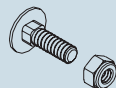


MV 51 624



MV 51 620

MV 51 621



MV 66 620

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BF 30 Range AISI 304 L stainless steel Wire mesh cable tray

Code	Description	Width mm		Carton metres
MV 50 620	BF 30 - 28 mm	50	[AISI 304 L stainless steel]	30
MV 50 621	BF 30 - 28 mm	100		30
MV 50 622	BF 30 - 28 mm	150		18
MV 50 623	BF 30 - 28 mm	200		12
MV 50 625	BF 30 - 28 mm	300		6

BF 56 Range AISI 304 L stainless steel Wire mesh cable tray

Code	Description	Width mm		Carton metres
MV 50 630	BF 56 - 52 mm	50	[AISI 304 L stainless steel]	24
MV 50 631	BF 56 - 52 mm	100		24
MV 50 632	BF 56 - 52 mm	150		12
MV 50 633	BF 56 - 52 mm	200		12
MV 50 635	BF 56 - 52 mm	300		6
MV 50 636	BF 56 - 52 mm	400		6
MV 50 637	BF 56 - 52 mm	500		6

BF Range AISI 304 L stainless steel coupling

Code	Description		Carton Qty.
MV 51 624	Complete clamp	[AISI 304 L stainless steel]	100
MV 51 620	BF 30-56 Universal clamping washer		100
MV 51 621	BF 30-56 Counter clamping washer		100
MV 66 620	* Bolt TRCC 6x20 mushroom head plus flanged lock nut		100

*100 = 1 bag of 100 bolts

AISI 304 L stainless steel wire mesh cable trays

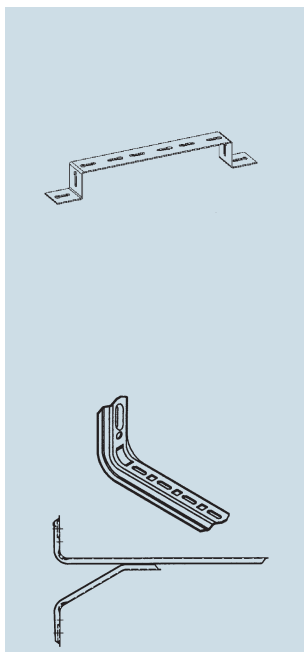


Table of loads

TS Range	Length mm	Maximum load daN/bracket
AISI 304	110	50
Stainless	210	50
Steel	310 reinf.	130
OMEGA	410 reinf.	130
Bracket	510 reinf.	130

BF Range

AISI 304 L stainless steel vertical support bracket

Code	Description	Length mm	Material	Carton Qty.
MV 64 670	Vertical support bracket	100	AISI 304 stainless steel	25
MV 64 671	Vertical support bracket	200		25
MV 64 672	Vertical support bracket	300		25
MV 64 673	Vertical support bracket	400		25
MV 64 674	Vertical support bracket	500		25

Fixing with stainless steel bolt TRCC 6x20 MV 66 620 and stainless steel counter clamping washer MV 51 621.

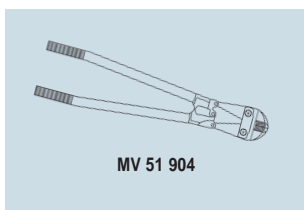
BF Range

AISI 304 L stainless steel OMEGA horizontal support brackets

Code	Description	Length mm	Material	Carton Qty.
MV 60 600	OMEGA bracket	110	AISI 304 stainless steel	50
MV 60 601	OMEGA bracket	210		50
MV 60 612	Reinforced OMEGA bracket	310		25
MV 60 613	Reinforced OMEGA bracket	410		25
MV 60 614	Reinforced OMEGA bracket	510		25

Fixing with stainless steel bolt TRCC 6x20 MV 66 620 and stainless steel counter clamping washer MV 51 621.

Bolt cropper



BFR Range

Bolt cropper

Code	Description	Carton Qty.
MV 51 904	BFR - BF bolt cropper	1



Using the bolt cropper it is extremely easy to cut the wires of the BF and BFR Range cable trays so as to make vertical and horizontal changes in direction, or even to form reduction and level changes. In addition, they are useful in forming tees or crosses.

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