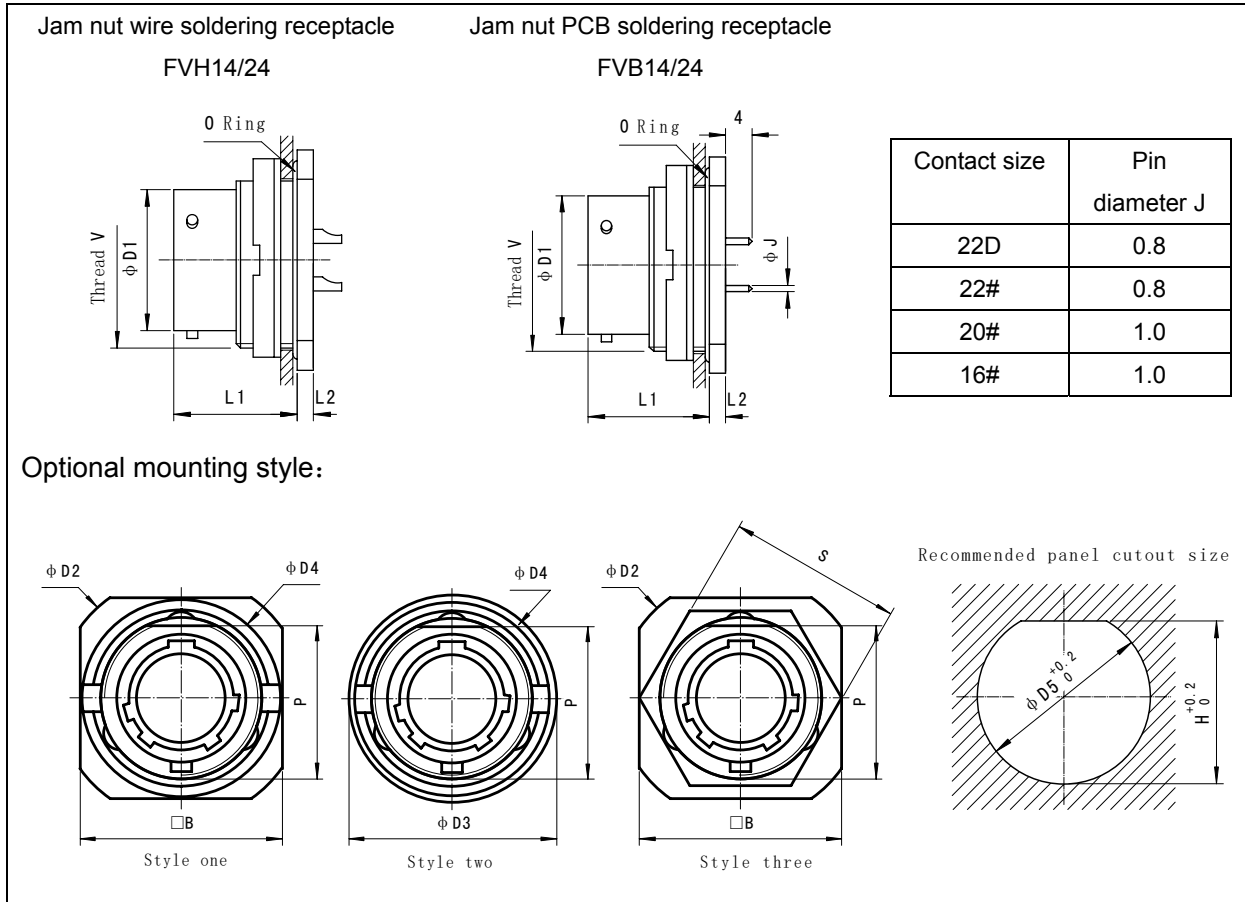
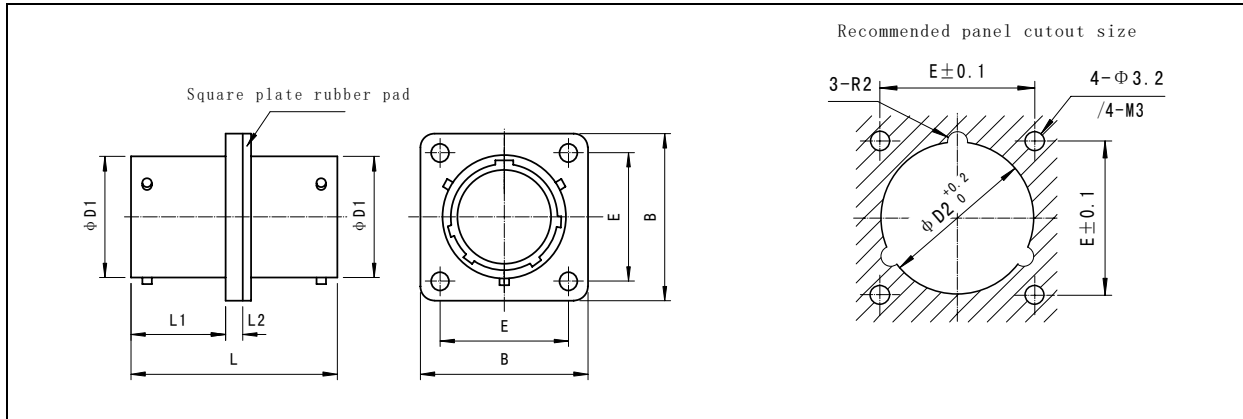


[Jam nut receptacle FVH14/24, FVB14/24]



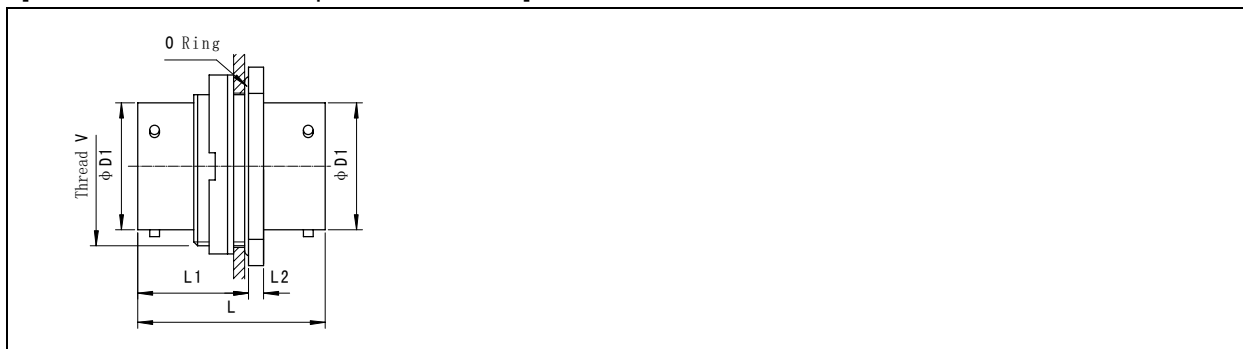
Shell size	L1	L2	D1	D2	D3	D4	B	P	S	Thread V	D5	H
06	17.5	2.5	10.6	20.0	17.0	17.0	17.0	11.3	17.0	M12×1	12.5	11.4
08	17.5	2.5	12.0	22.0	19.0	18.0	19.0	13.0	19.4	M14×1	14.2	13.2
10	18.5	2.5	15.0	30.8	23.5	21.7	25.0	16.9	21.7	M18×1	18.2	17.2
12	18.5	2.5	19.0	34.5	30.0	26.5	32.0	20.7	27.0	M22×1	22.2	21.0
14	18.5	2.5	22.2	40.0	34.3	32.0	35.0	23.8	30.0	M25×1.5	25.2	24.0
16	18.5	2.5	25.4	42.0	38.0	34.0	38.1	27.1	33.0	M28×1	28.2	27.3
18	18.5	2.5	28.6	46.5	41.0	37.0	41.5	30.3	37.0	M32×1	32.2	30.5
20	22.5	3.0	31.7	50.2	46.0	42.0	46.0	35.0	40.0	M36×1	36.2	35.2
22	22.7	3.8	34.9	52.2	49.0	44.0	49.0	37.0	43.0	M38×1	38.2	37.2
24	22.5	3.0	38.1	56.0	52.0	48.0	52.0	39.8	48.0	M42×1.5	42.2	40.0

[Bulkhead Square flange receptacle FVH19/29]

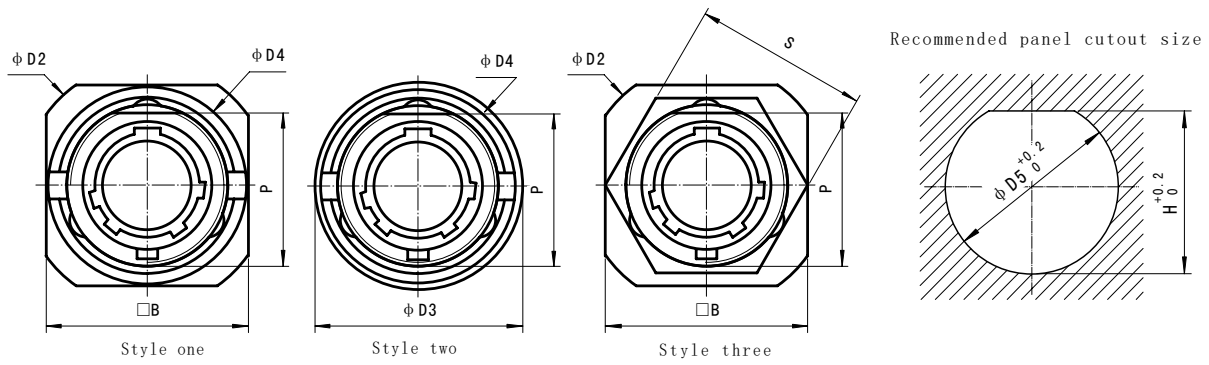


Shell size	L(for reference)	L1	L2	D1	B	E	D2
06	35.0	16.5	2.0	10.6	19.0	13.0	11.0
08	35.0	16.5	2.0	12.0	21.0	15.0	12.5
10	35.0	16.5	2.0	15.0	24.0	18.0	15.5
12	35.0	16.5	2.0	19.0	27.0	21.0	19.5
14	35.0	16.5	2.0	22.2	28.6	23.0	23.0
16	35.0	16.5	2.0	25.4	31.3	24.6	26.0
18	35.0	16.5	2.0	28.6	36.0	27.0	30.0
20	35.5	16.5	2.5	31.7	36.9	29.4	32.5
22	35.5	16.5	2.5	34.9	40.0	32.0	35.5
24	35.5	16.5	2.5	38.1	42.9	34.9	39.0

[Bulkhead Jam nut receptacle FVH18/28]



Optional mounting style:



Shell size	L	L1	L2	D1	D2	D3	D4	B	P	S	Thread V	D5	H
06	35.0	17.5	2.5	10.6	20.0	17.0	17.0	17.0	11.3	17.0	M12×1	12.2	11.4
08	35.0	17.5	2.5	12.0	22.0	19.0	18.0	19.0	13.0	19.4	M14×1	14.2	13.2
10	35.0	18.5	2.5	15.0	30.8	23.5	21.7	25.0	16.9	21.7	M18×1	18.2	17.2
12	35.0	18.5	2.5	19.0	34.5	30.0	26.5	32.0	20.7	27.0	M22×1	22.2	21.0
14	35.0	18.5	2.5	22.2	40.0	34.3	32.0	35.0	23.8	30.0	M25×1.5	25.2	24.0
16	35.0	18.5	2.5	25.4	42.0	38.0	34.0	38.1	27.1	33.0	M28×1	28.2	27.3
18	35.0	18.5	2.5	28.6	46.5	41.0	37.0	41.5	30.3	37.0	M32×1	32.2	30.5
20	35.5	22.5	3.0	31.7	50.2	46.0	42.0	46.0	35.0	40.0	M36×1	36.2	35.2
22	35.5	22.5	3.0	34.9	52.2	49.0	44.0	49.0	37.0	43.0	M38×1	38.2	37.2
24	35.5	22.5	3.0	38.1	56.0	52.0	48.0	52.0	39.8	48.0	M42×1.5	42.2	40.0

Back shell

Designation

Basic series	FV	-10	R	-01	-6
Shell size	08, 10, 12, 14, 16, 18, 20, 22, 24				
Shell plating	Non-shielding plating (non-conductive shell): R—Black anodization W—Green anodization Shielding plating (conductive shell): N—Electroless satin nickel plating Nb—Electroless bright nickel plating B—Olive green cadmium plating BW—Green drab cadmium plating BA—Olive drab cadmium plating H—Black chrome plating S—stainless steel passive				
Back shell code	01*/21—Straight cable sealing /shielding 02/22/32—Straight cable clamp back shell/shielding /sealing and shielding 03/23—rubber end cap sealing /shielding 04/24—Right angle cable anti-rotation sealing /shielding 05/25—Right angle cable clamp back shell/shielding				
Cable diameter	Cable diameter				

Note: Shell size is 08 or 10. Straight cable sealing back shell identification is "11", other shell size is "01"



Outline dimensions

[Straight cable sealing back shell FV-...-01-...]

	Shell size	A	L (for reference)	Cable diameter
	08	18.5	33	5, 6, 7
	10	20.5	35	5, 6, 7, 8
	12	23.0	38	7, 8, 9, 10
	14	26.5	42	8, 9, 10, 11, 12
	16	26.5	42	8, 9, 10, 11, 12
	18	32.0	42	10, 12, 13, 15
	20	35.5	42	11, 12, 13, 15
	22	39.0	52	13, 15, 17
	24	40.0	58	13, 15, 17

[Straight shielding cable sealing back shell FV-...-21-...]

	Shell size	A	L (for reference)	Cable diameter
	08	19.0	40	5, 6, 7
	10	20.5	41	5, 6, 7, 8
	12	24.0	42	7, 8, 9, 10
	14	28.0	43	8, 9, 10, 11, 12
	16	28.0	43	8, 9, 10, 11, 12
	18	32.0	43	10, 12, 13, 15
	20	35.5	44	11, 12, 13, 15
	22	39.0	57	13, 15, 17
	24	39.0	58	13, 15, 17

[Straight cable clamp back shell FV-...-02-...]

	Shell size	A	L (for reference)	Cable diameter
	08	18.5	22	5, 6, 7
	10	20.5	22	5, 6, 7, 8
	12	22.6	22	7, 8, 9, 10
	14	27.0	23	8, 9, 10, 11, 12
	16	27.0	23	8, 9, 10, 11, 12
	18	31.0	32	10, 12, 13, 15
	20	35.5	32	11, 12, 13, 15
	22	38.0	42	13, 15, 17
	24	40.5	42	13, 15, 17

[Straight shielding cable clamp back shell FV-...-22-...]

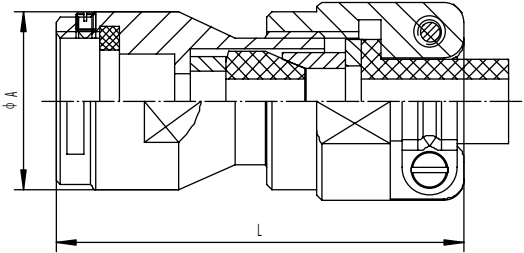
	Shell size	A	L (for reference)	Cable diameter
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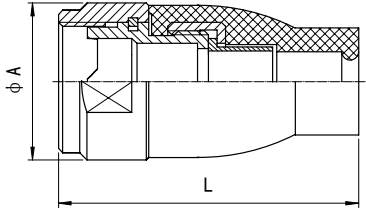
	08	20.0	42	5, 6, 7
	10	20.0	42	5, 6, 7, 8
	12	24.0	42	7, 8, 9, 10
	14	30.0	40	8, 9, 10, 11, 12
	16	30.0	40	8, 9, 10, 11, 12
	18	32.0	42	10, 12, 13, 15
	20	35.5	44	11, 12, 13, 15
	22	39.0	51	13, 15, 17
	24	39.0	53	13, 15, 17



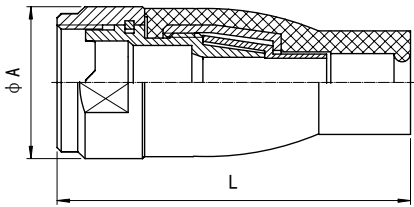
[Straight shielding cable sealing clamp back shell FV-...-32-...]

	Shell size	A	L (for reference)	Cable diameter
	08	20.0	40	5, 6, 7
10	20.5	41	5, 6, 7, 8	
12	24.0	45	7, 8, 9, 10	
14	28.0	45	8, 9, 10, 11, 12	
16	28.0	45	8, 9, 10, 11, 12	
18	32.0	45	10, 12, 13, 15	
20	35.5	52	11, 12, 13, 15	
22	39.0	55	13, 15, 17	
24	39.0	55	13, 15, 17	

[Rubber end cap sealing back shell FV-...-03-...]

	Shell size	A	L (for reference)	Cable diameter
	08	18.5	40	5, 6, 7
10	20.5	41	5, 6, 7, 8	
12	25.5	42	7, 8, 9, 10	
14	30.5	48	8, 9, 10, 11, 12	
16	30.5	48	8, 9, 10, 11, 12	
18	34.0	65	10, 12, 13, 15	
20	39.5	70	11, 12, 13, 15	
22	39.0	70	13, 15, 17	
24	39.0	70	13, 15, 17	

[Shielding rubber end cap sealing back shell FV-...-23-...]

	Shell size	A	L (for reference)	Cable diameter
	08	19.5	57	5, 6, 7
10	22.0	58	5, 6, 7, 8	
12	26.0	62	7, 8, 9, 10	
14	30.5	67	8, 9, 10, 11, 12	
16	30.5	67	8, 9, 10, 11, 12	
18	34.0	75	10, 12, 13, 15	
20	39.5	80	11, 12, 13, 15	
22	39.0	80	13, 15, 17	
24	39.0	80	13, 15, 17	



[Right angle cable back shell FV-...-04-...]

Shell size	A	L (for reference)	Cable diameter
08	18.0	28	5, 6, 7
10	20.5	28	5, 6, 7, 8
12	24.0	35	7, 8, 9, 10
14	29.0	48	8, 9, 10, 11, 12
16	29.0	48	8, 9, 10, 11, 12
18	31.0	48	10, 12, 13, 15
20	35.5	55	11, 12, 13, 15
22	39.0	55	13, 15, 17
24	39.0	65	13, 15, 17

[Right angle shielding FV-...-24-...]

Shell size	A	L (for reference)	Cable diameter
08	19.0	33	5, 6, 7
10	20.5	35	5, 6, 7, 8
12	24.0	48	7, 8, 9, 10
14	28.0	48	8, 9, 10, 11, 12
16	28.0	48	8, 9, 10, 11, 12
18	32.0	48	10, 12, 13, 15
20	35.5	55	11, 12, 13, 15
22	39.0	55	13, 15, 17
24	39.0	65	13, 15, 17

[Right angle cable clamp back shell FV-...-05-...]

Shell size	A	L (for reference)	Cable diameter
08	19.0	30	5, 6, 7
10	20.5	35	5, 6, 7, 8
12	24.0	38	7, 8, 9, 10
14	28.0	45	8, 9, 10, 11, 12
16	28.0	45	8, 9, 10, 11, 12
18	32.0	48	10, 12, 13, 15
20	35.5	55	11, 12, 13, 15
22	39.0	55	13, 15, 17
24	39.0	65	13, 15, 17



[Right angle shielding cable clamp back shell FV-...-25-...]

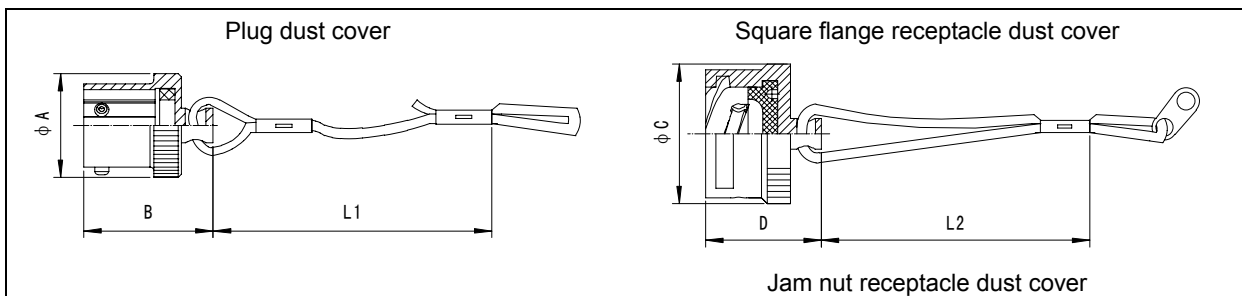
Shell size	A	L (for reference)	Cable diameter
08	19.0	40	5, 6, 7
10	20.5	41	5, 6, 7, 8
12	24.0	42	7, 8, 9, 10
14	28.0	45	8, 9, 10, 11, 12
16	28.0	45	8, 9, 10, 11, 12
18	32.0	48	10, 12, 13, 15
20	35.5	55	11, 12, 13, 15
22	39.0	57	13, 15, 17
24	39.0	65	13, 15, 17

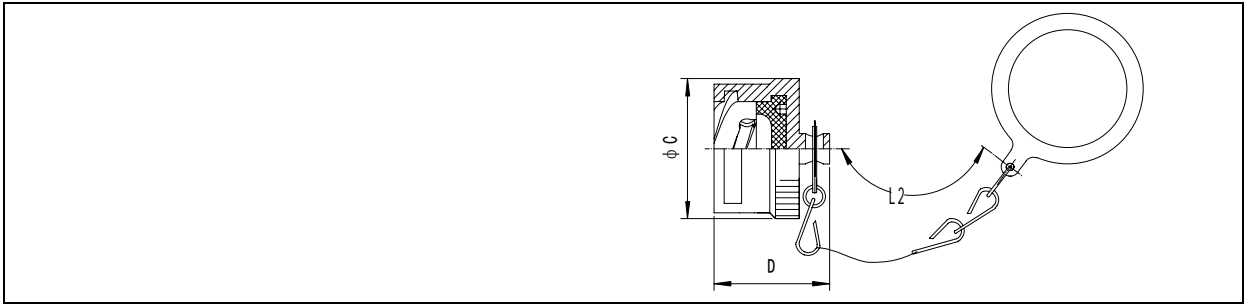
Metallic dust cover

Designation

Basic series	FV	-3181	-08	N	-L	-O
dust cover type	3181—receptacle dust cover 3180—Plug dust cover					
Shell size	08, 10, 12, 14, 16, 18, 20, 22, 24					
Surface treatment	Non-shielding plating (non-conductive shell): R—Black anodization W—Green anodization Y—Grey anodization Shielding plating (conductive shell): N—Electroless satin nickel plating Nb—Electroless bright nickel plating B—Olive green cadmium plating BW—Green drab cadmium plating BA—Olive drab cadmium plating H—Black chrome plating S—stainless steel passive					
Chain type	L—Metallic chain, only for receptacle; Blank—nylon chain					
Applicable receptacle	(Only For receptacle dust cover) O—For Square flange receptacle; Blank—For Jam nut receptacle					

Outline dimensions





Shell size	A	B	L1	C	D	L2
08	20.0	18.5	100	19.0	18.5	100
10	22.2	18.5	100	22.4	18.5	100
12	26.0	18.5	100	25.0	18.5	100
14	29.0	18.5	100	30.0	18.5	100
16	32.0	18.5	100	32.0	18.5	100
18	34.5	18.5	100	35.0	18.5	100
20	38.5	19.0	100	40.0	18.5	100
22	41.0	18.5	100	43.0	18.5	100
24	44.0	20.0	100	45.4	18.5	100