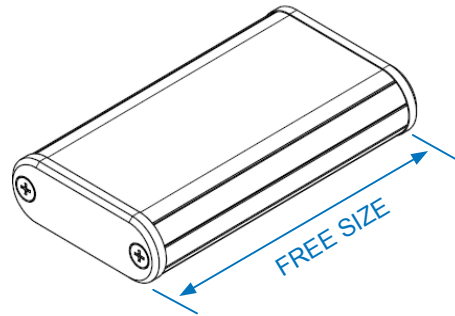
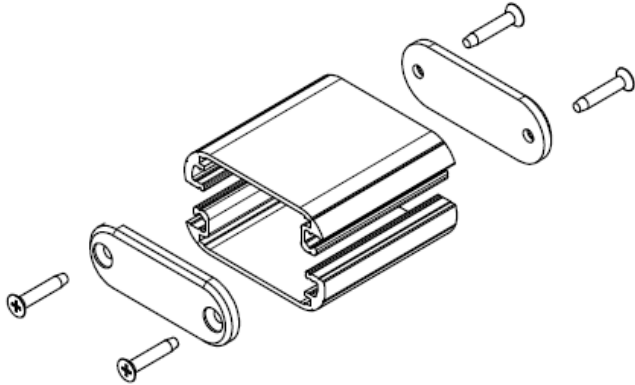


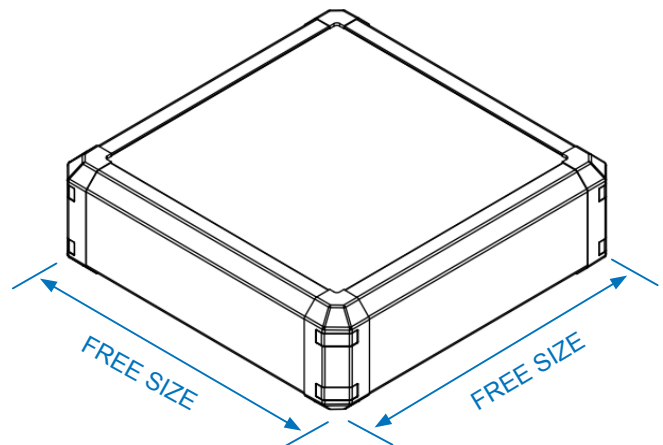
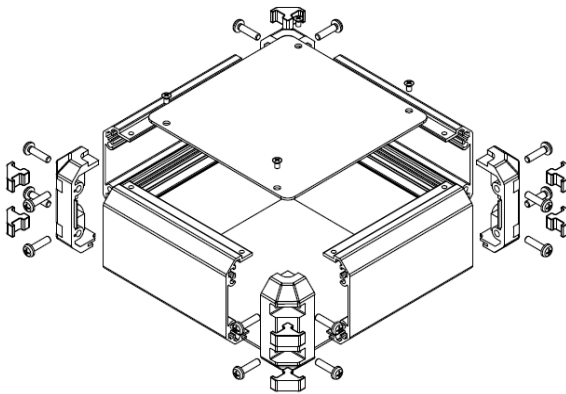
VARIETY OF CUSTOM SIZED ENCLOSURES

Extruded models are adjustable in extrusion length (depth) in 0.1mm or 1.0mm intervals.
Sheet-metal models are adjustable in W/D/H dimensions in 1.0mm intervals.

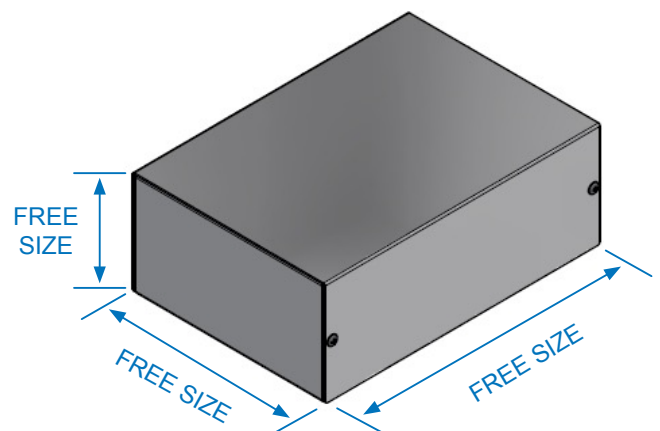
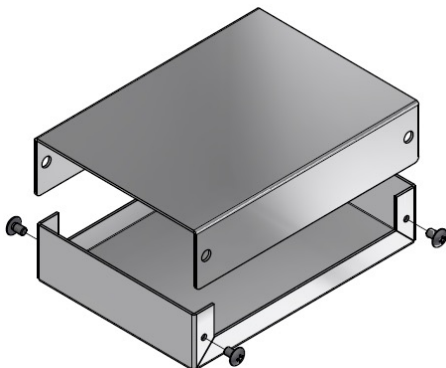
EXTRUDED ALUMINIUM MODEL



4 SIDE-EXTRUDED ALUMINIUM MODEL



SHEET METAL MODEL



More custom sized models are available.

https://www.takachi-enclosure.com/cat/flexible_size

INQUIRING CUSTOM SIZED ENCLOSURES

- 1 Navigate to the free-size product page you wish to inquire on our website and click on the button indicated by the  arrow.



Custom sized shock-proof design instrument enclosure.
Corner guards are designed to be both aesthetically pleasing, and impact resistant.

Selectable 22 different Width/Height profiles and specified length (depth) from 40 to 500mm in 1mm intervals.
16 different color combinations can be specified.

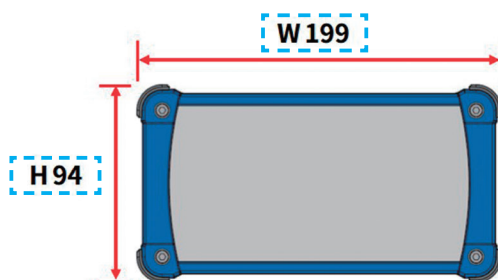


CUSTOM SIZE WEB QUOTATION	3D View - Silver/Navy	3D View - 16 color types
3D View - With tilt legs	Exploded view	Color code

■ If there is no "WEB QUOTATION" click button, please send us your inquiry from the "INQUIRY FORM" on the CONTACT tab on our website.

- 2 Go to the CUSTOM SIZE WEB QUOTATION page and enter your preferred dimensions.

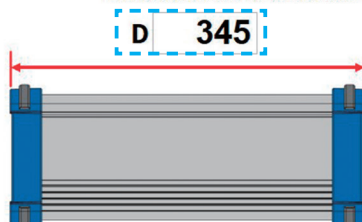
STEP1 Select required width / height.



Select	W	H	Select	W	H
☐	69	34	☐	151	81
☐	69	44	☐	151	101
☐	69	59	☐	199	56
☐	89	39	☐	199	74
☐	89	49	☒	199	94
☐	89	64	☐	199	119
☐	116	41	☐	244	64
☐	116	56	☐	244	89
☐	116	71	☐	244	114
☐	151	46	☐	300	90
☐	151	61	☐	300	140

STEP2 Specify size D(depth) ... Enter dimensions in 1mm intervals.

Available from 40 to 500mm



***NOTE:** Specified size D(depth) $\neq$ available internal dimension

Available internal dimension = **D dimension - 20mm**

Please take caution when calculating required D dimension.

- 3 After entering the quantity, click on the button indicated by the → arrow to generate a Product No.

STEP4 **Quantity** ※Quantity can be specified up to 5 slots.

pcs

▶Add quantity



▶ **GENERATE PRODUCT NO.**

Product No. **EXPS199 – 94 – 345SN** ※Please use this model number when ordering.

- 4 After entering your details and the message in our INQUIRY FORM, click on the CONFIRM button.

STEP5 **INQUIRY FORM**

Fill out the inquiry form and send it. We will give you quotation by Email.
Inquiry from the country where the distributor is located will be answered by the distributor.

Fields marked with ★ are required

Product No. **EXPS199-94-345SN** Quantity ★

E-mail ★

Company ★

Your name ★ ☐ Mr. ☒ Ms. First name Last name

Country ★

Message



▶ **CONFIRM**

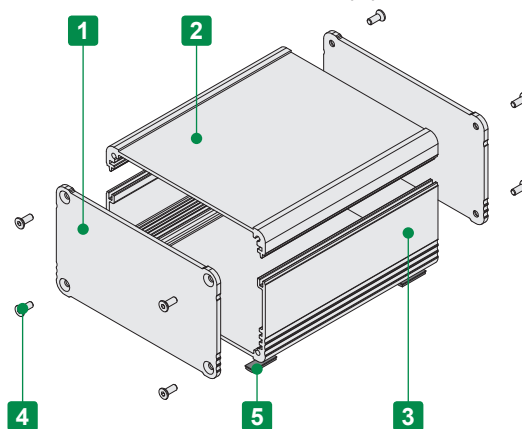
Our privacy policy have been designed to ensure that personal information is not misused or used for purposes other than it is intended for.
[PRIVACY POLICY](#)

- 5 A TAKACHI sales representative will get in touch with you with a quote via e-mail.





- Simple yet beautifully designed aluminium extrusion enclosure.
- 2 new Width/Height types added. Selectable in 22 different Width/Height types, with adjustable length (depth) in 1mm intervals from 40 to 500mm.
- High-end finish is achieved by precision CNC of the end panels. Suitable for industrial and audio interface equipment.



Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Screw (Hexagonal)	8	Stainless steel	Unfinished
5	Rubber feet	4	Polyurethane • Synthetic rubber	Black

■ See page EX-Cover-1 ~ EX-Cover-4 for Top / Bottom cover dimensions.

■ Rubber feet material : Polyurethane : EXS61-26 ~ 187-107 models • Synthetic rubber : EXS232-57 ~ 288-128 models

Lead Time

Custom Size Only
Custom Size + Hole Milling

4 business days (1 ~ 3 pcs)
9 business days (1 ~ 3 pcs)

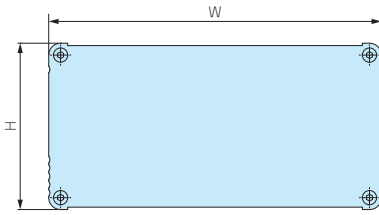
Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp

1 Dimensions

To select W-H dimensions from the table below, and D length in 1mm intervals.

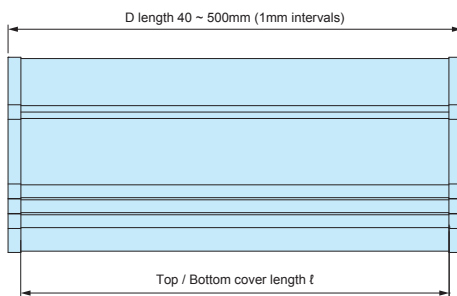
Width-Height dimensions



W-H No.	W	H
61- 26	60.6	25.6
61- 36	60.6	35.6
61- 51	60.6	50.6
81- 31	80.6	30.6
81- 41	80.6	40.6
81- 56	80.6	55.6
106- 31	106	31
106- 46	106	46
106- 61	106	61
141- 36	141	36
141- 51	141	51

W-H No.	W	H
141- 71	141	71
141- 91	141	91
187- 44	186.5	43.5
187- 62	186.5	61.5
187- 82	186.5	81.5
187-107	186.5	106.5
232- 52	232	52
232- 77	232	77
232-102	232	102
NEW 288- 78	287.5	77.5
NEW 288-128	287.5	127.5

D length



W-H No.	ℓ
61-□	D-4
81-□	D-4
106-□	D-5
141-□	D-5
187-□	D-5
232-□	D-6
288-□	D-6

■ D length can be requested in 0.1mm intervals, but with higher tolerances (±0.3mm).

■ See page EX-Cover-1 ~ EX-Cover-4 for Top/Bottom cover dimensions.

2 Color

To select color code from the table below.

Code	[S][S] Silver / Silver	[S][B] Silver / Black	[B][S] Black / Silver	[B][B] Black / Black
Color				

Product Number

To determine a product number, fill W-H, D length and select Color code in the following blank boxes.

Product no. EXS

1 W-H

-

1 D length

2 Color code

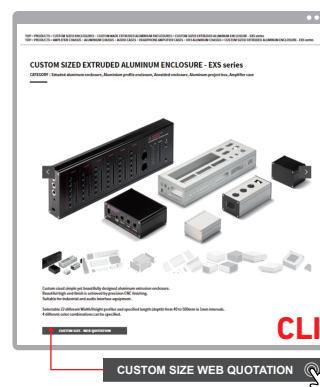
Numbering example: W-H:106-46 x D:124 and BB color code → **EXS106-46-124BB**

CUSTOM SIZE WEB QUOTATION

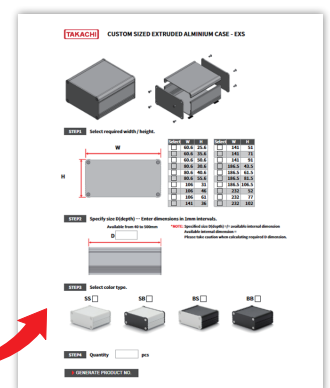
Send your inquiry via our online form now!

Visit the EXS product page on our website, click on the "CUSTOM SIZE WEB QUOTATION" button, and fill in the required details.

The product number will be generated, and once your information have been filled in, simply click on SUBMIT and await for our sales team's contact!

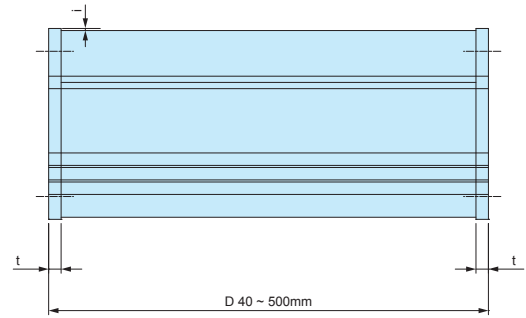
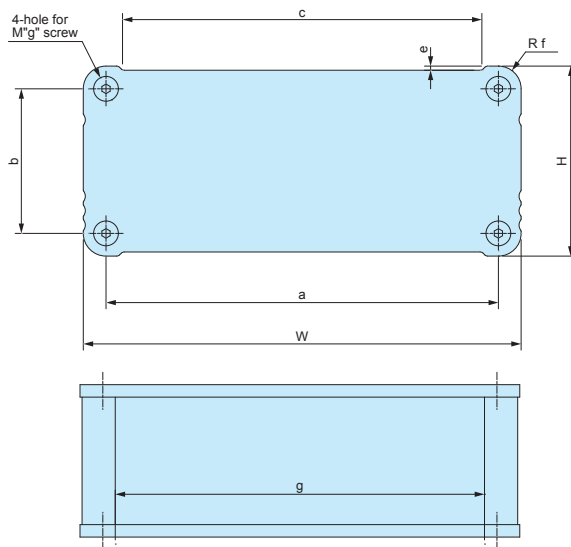


CLICK!



EXS dimensions

■ DXF/DWG/PDF drawings available on our website.



Included screws

EXS61-□, 81-□ models : M2.5-8 x 8 pcs

EXS106-□, 141-□ models : M3-8 x 8 pcs

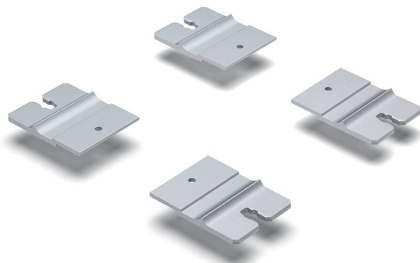
EXS187-□ models : M4-10 x 8 pcs

EXS232-□, 288-□ models : M5-10 x 8 pcs

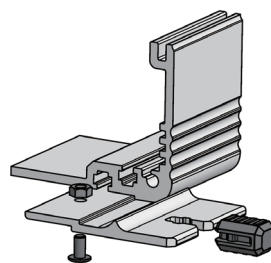
※Hexagonal wrench included.

Product no.	W	H	a	b	c	d	e	f	g	i	t
EXS 61- 26-□	60.6	25.6	52	17	45.2	2.5	0.9	4.3	47	0.3	2
EXS 61- 36-□	60.6	35.6	52	27	45.2	2.5	0.9	4.3	47	0.3	2
EXS 61- 51-□	60.6	50.6	52	42	45.2	2.5	0.9	4.3	47	0.3	2
EXS 81- 31-□	80.6	30.6	72	22	65.2	2.5	0.9	4.3	67	0.3	2
EXS 81- 41-□	80.6	40.6	72	32	65.2	2.5	0.9	4.3	67	0.3	2
EXS 81- 56-□	80.6	55.6	72	47	65.2	2.5	0.9	4.3	67	0.3	2
EXS106- 31-□	106	31	95	20	87	3	1	5.5	89	0.5	2.5
EXS106- 46-□	106	46	95	35	87	3	1	5.5	89	0.5	2.5
EXS106- 61-□	106	61	95	50	87	3	1	5.5	89	0.5	2.5
EXS141- 36-□	141	36	130	25	122	3	1	5.5	124	0.5	2.5
EXS141- 51-□	141	51	130	40	122	3	1	5.5	124	0.5	2.5
EXS141- 71-□	141	71	130	60	122	3	1	5.5	124	0.5	2.5
EXS141- 91-□	141	91	130	80	122	3	1	5.5	124	0.5	2.5
EXS187- 44-□	186.5	43.5	173	30	160	4	1	6.75	162	0.75	2.5
EXS187- 62-□	186.5	61.5	173	48	160	4	1	6.75	162	0.75	2.5
EXS187- 82-□	186.5	81.5	173	68	160	4	1	6.75	162	0.75	2.5
EXS187-107-□	186.5	106.5	173	93	160	4	1	6.75	162	0.75	2.5
EXS232- 52-□	232	52	218	38	205	5	1	7	207	1	3
EXS232- 77-□	232	77	218	63	205	5	1	7	207	1	3
EXS232-102-□	232	102	218	88	205	5	1	7	207	1	3
EXS288- 78-□	287.5	77.5	272	62	260	5	1	7.75	262	1.25	3
EXS288-128-□	287.5	127.5	272	112	260	5	1	7.75	262	1.25	3

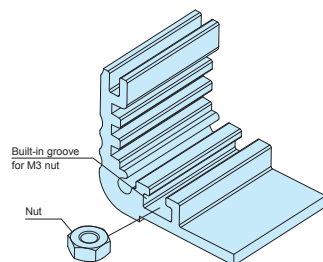
Accessories (Optional parts)



Wall mounting bracket EF-36 series
See page EF-36 • MT-3N



Embedded battery box BC series
See page 125 ~ 128



Sliding nut MT-3N
See page EF-36 • MT-3N



Aluminium isolation feet AFM • AFS series
See page 293 ~ 294

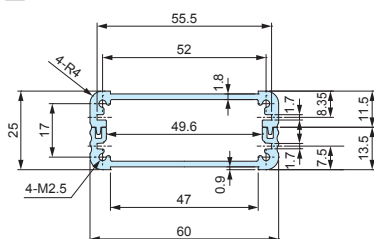


Insert nut adhesive standoff AST series
See page 121

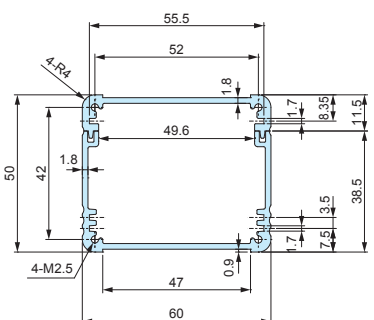
Cross-section view of top & bottom covers

■ DXF/DWG/PDF drawings available on our website.

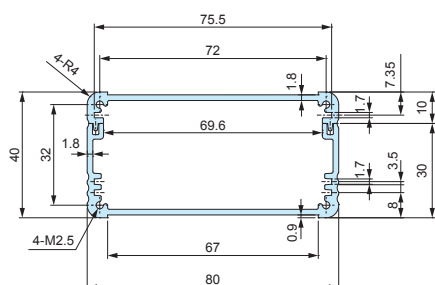
EXPS • EXWS 69-34-
EXPFS • EXWFS 66-34-
EXS 61-26-



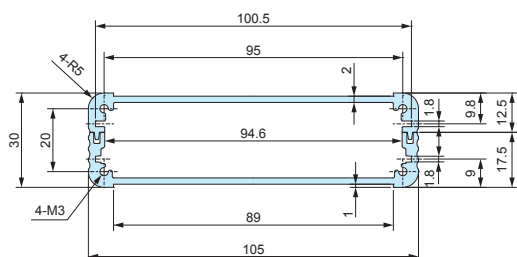
EXPS • EXWS 69-59-
EXPFS • EXWFS 66-59-
EXS 61-51-



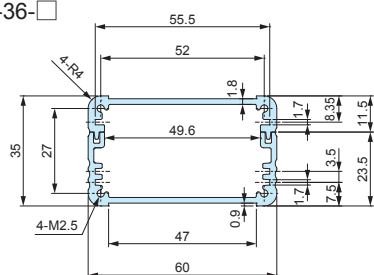
EXPS • EXWS 89-49-
EXPFS • EXWFS 86-49-
EXS 81-41-



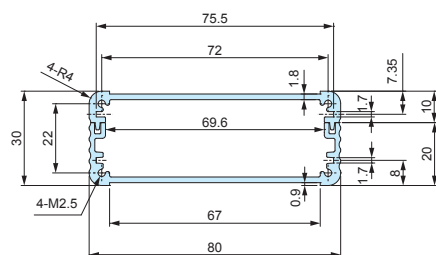
EXPS • EXWS 116-41-☐
EXPFS • EXWFS 113-42-☐
EXS 106-31-☐



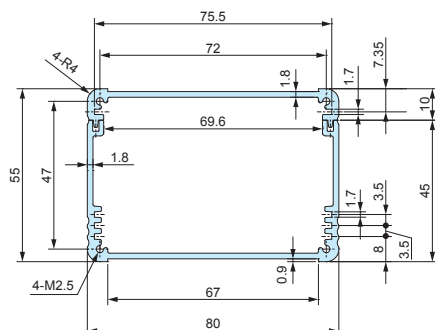
EXPS • EXWS 69-44-☐
EXPFS • EXWFS 66-44-☐
EXS 61-36-☐



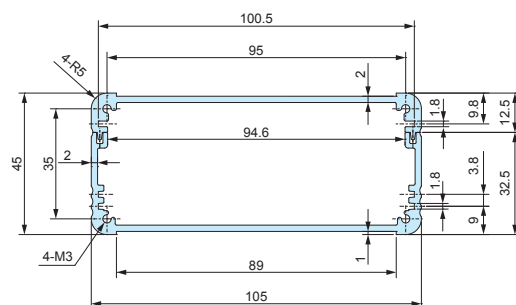
EXPS • EXWS 89-39-
EXPFS • EXWFS 86-39-
EXS 81-31-



EXPS • EXWS 89-64-
EXPFS • EXWFS 86-64-
EXS 81-56-



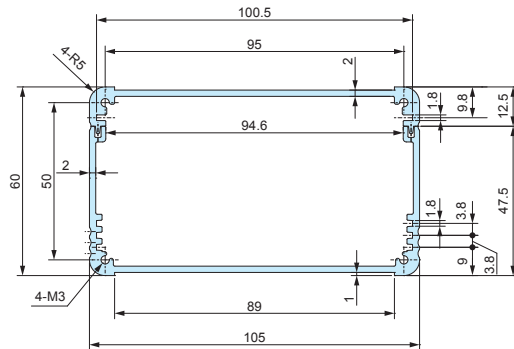
EXPS • EXWS 116-56-☐
EXPFS • EXWFS 113-57-☐
EXS 106-46-☐



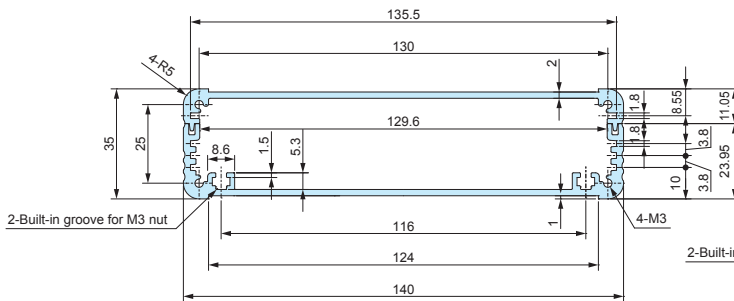
Cross-section view of top & bottom covers

■ DXF/DWG/PDF drawings available on our website.

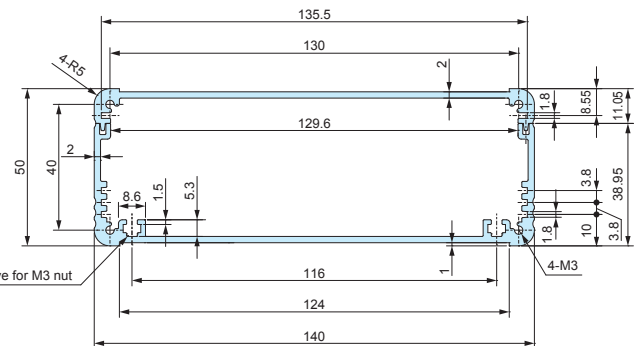
EXPS • EXWS 116-71-☐
EXPFS • EXWFS 113-72-☐
EXS 106-61-☐



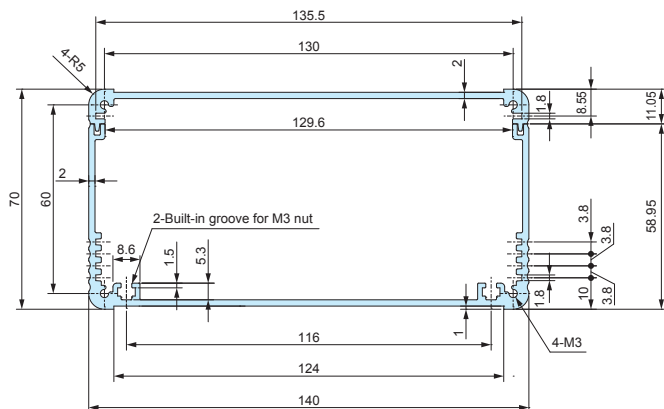
EXPS • EXWS 151-46-☐
EXPFS • EXWFS 148-47-☐
EXS 141-36-☐



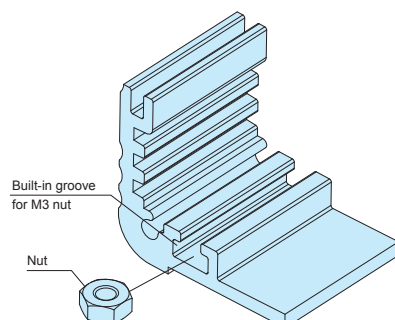
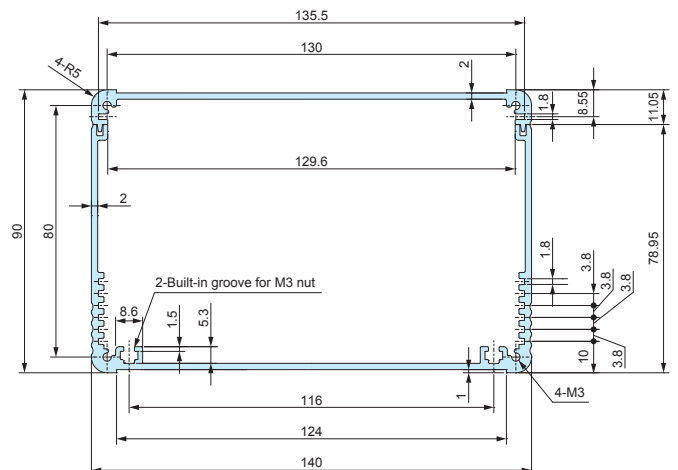
EXPS • EXWS 151-61-☐
EXPFS • EXWFS 148-62-☐
EXS 141-51-☐



EXPS • EXWS 151-81-☐
EXPFS • EXWFS 148-82-☐
EXS 141-71-☐



EXPS • EXWS 151-101-
EXPFS • EXWFS 148-102-
EXS 141-91-



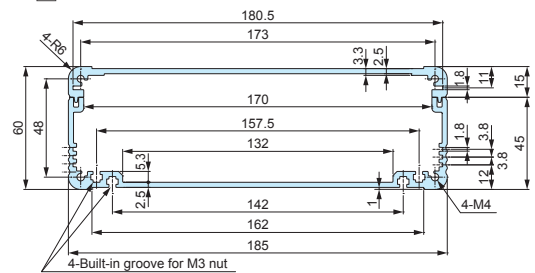
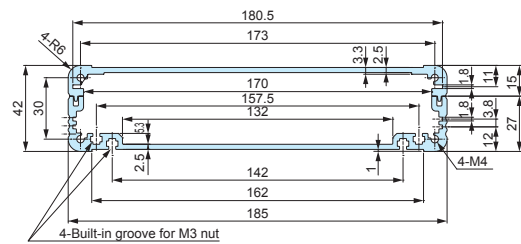
■ Optional M3 nut is available.
Sliding nut can be used on EXPS • EXPFS • EXWS • EXWFS • EXS models with width 140mm or larger bottom covers and with width 230mm and 285mm top covers.
See page EF-36 • MT-3N for MT-3N optional M3 nut.

Cross-section view of top & bottom covers

■ DXF/DWG/PDF drawings available on our website.

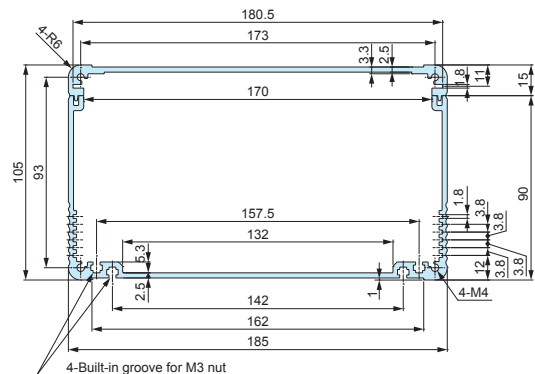
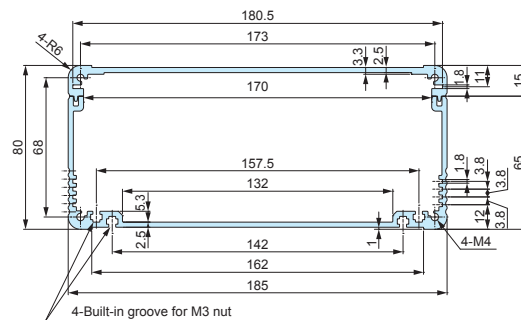
EXPS 199-56-☐
EXPFS • EXWFS 195-57-☐
EXS 187-44-☐

EXPS 199-74-☐
EXPFS • EXWFS 195-75-☐
EXS 187-62-☐

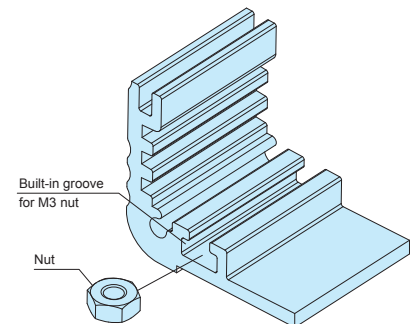
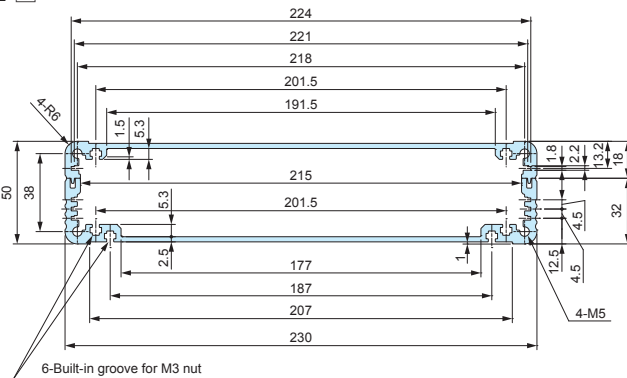


EXPS 199-94-☐
EXPFS • EXWFS 195-95-☐
EXS 187-82-☐

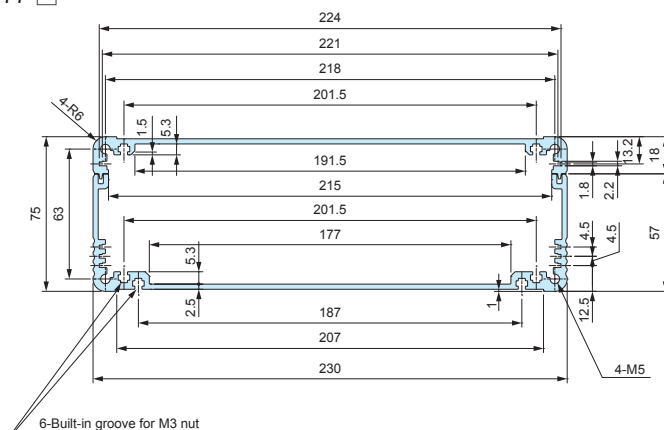
EXPS 199-119-☐
EXPFS • EXWFS 195-120-☐
EXS 187-107-☐



EXPS 244-64-☐
EXPFS • EXWFS 240-65-☐
EXS 232-52-☐



EXPS 244-89-☐
EXPFS • EXWFS 240-90-☐
EXS 232-77-☐



■ Optional M3 nut is available.

Sliding nut can be used on EXPS • EXPFS • EXWS • EXWFS • EXS models with width 140mm or larger bottom covers and with width 230mm and 285mm top covers.

See page EF-36 • MT-3N for MT-3N optional M3 nut.

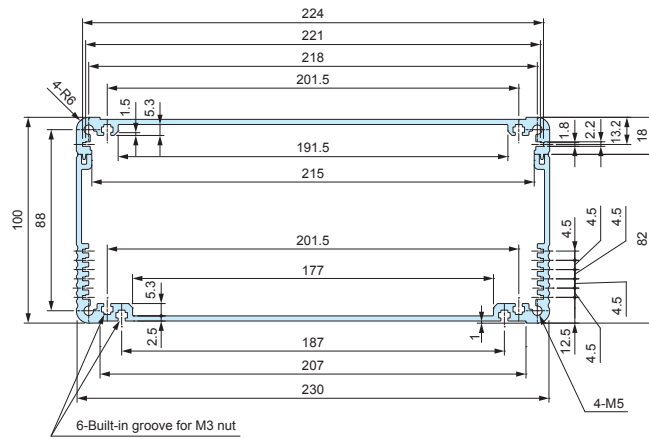
Cross-section view of top & bottom covers

■ DXF/DWG/PDF drawings available on our website.

EXPS 244-114-□

EXPFS • EXWFS 240-115-□

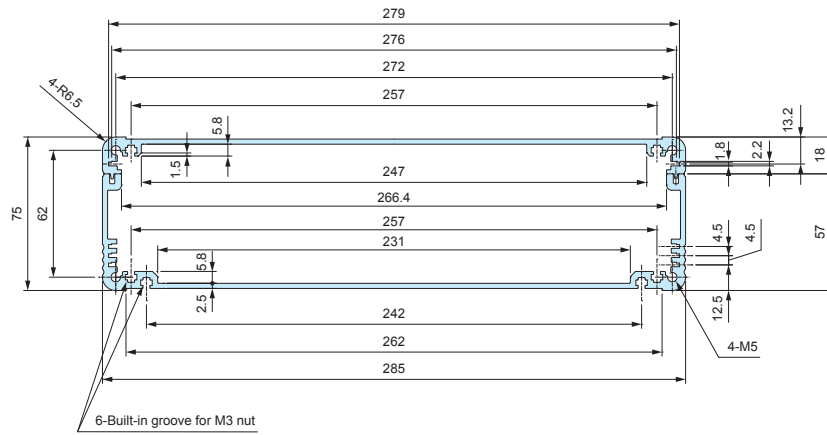
EXS 232-102-□



EXPS 300-90-□

EXWFS 298-93-□

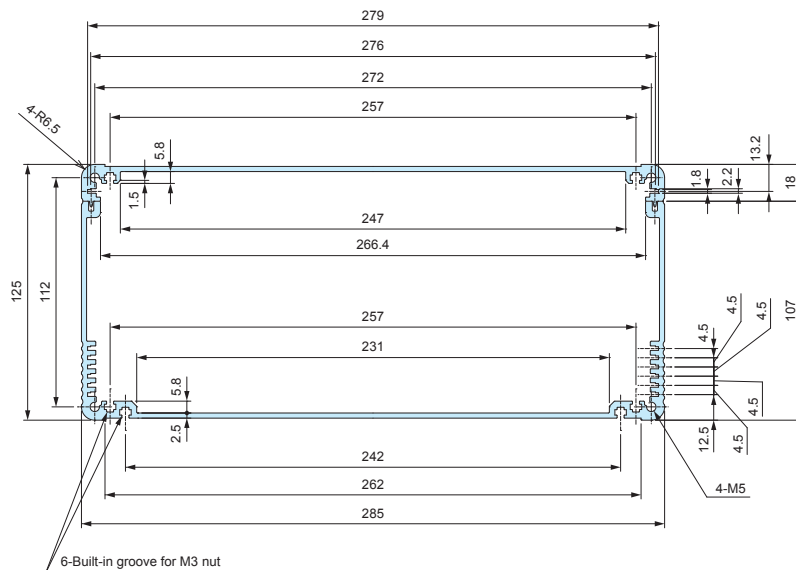
EXS 288-78-□

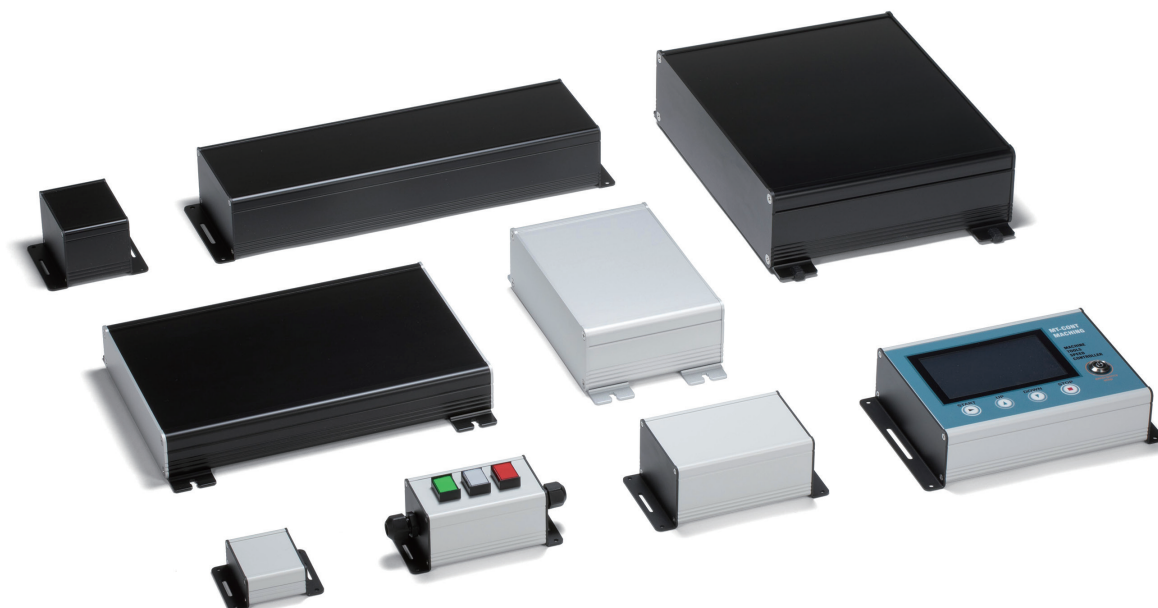


EXPS 300-140-□

EXWFS 298-143-□

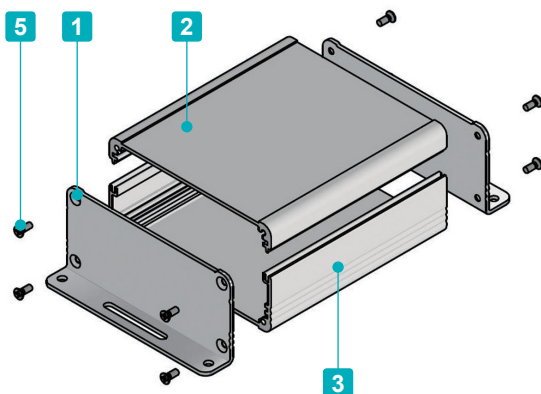
EXS 288-128-□



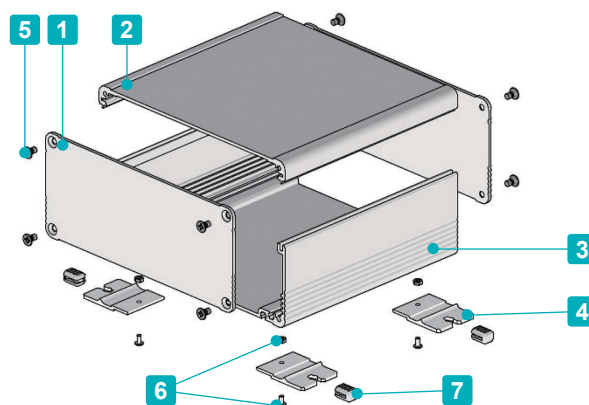


- Selectable in 20 different Width / Height types, with adjustable length (depth) in 1mm intervals from 40 to 500mm.
- Equipped with flanged panel or bracket for easy wall mounting.
- Flanged panel type or flanged bracket type extruded aluminium enclosure.
- Rubber feet are included only on EXFS19-□, 23-□ and 29-□ models.

Flanged panel type EXFS6-□, 8-□, 11-□ and 14-□



Flanged bracket type EXFS19-□, 23-□ and 29-□



Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged panel (EXFS 61-□, 81-□, 106-□ and 141-□) Panel (EXFS 187-□, 232-□, and 288-□)	2	Aluminium A1050P	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Flange bracket (only for EXFS 187-□, 232-□, and 288-□)	4	Extruded aluminium A6063S-T5	Metallic silver / Painted
5	Panel screw (Phillips head)	8	Stainless steel	Unfinished
6	Flange screw (EXFS 187-□, 232-□, and 288-□)	4 each	Steel	Black trivalent chromate
7	Rubber feet (EXFS 187-□, 232-□, and 288-□)	8	Silicone	Black

■ See page EXFS-5 to 8 for Top / Bottom cover dimensions.

Product Number

To determine a product number, fill W-H, D length and select Color code in the following blank boxes.

Product no. EXFS -

1 W-H 1 D length 2 Color code

Numbering example: W-H:106-48 x D:123 and SB color code → EXPFS106-48-123SB

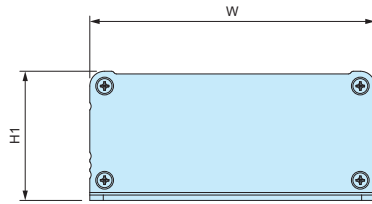
EXFS 106 - 48 - 123 SB

1 Dimensions

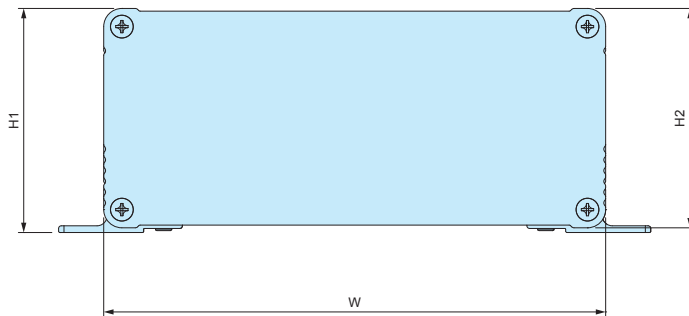
To select W-H dimensions from the table below, and D length in 1mm intervals.

Width-Height dimensions

Flanged panel type EXFS61-□, 81-□, 106-□ and 141-□

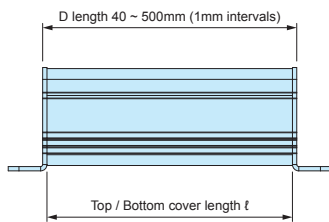


Flanged bracket type EXFS187-□, 232-□ and 288-□

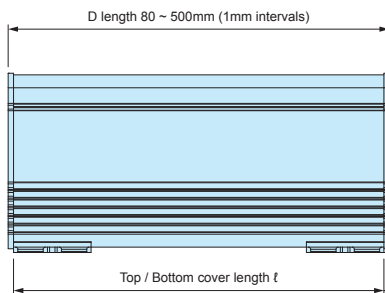


W-H No.	W	H1	H2
61- 28	60.6	27.6	-
61- 38	60.6	37.6	-
61- 53	60.6	52.6	-
81- 33	80.6	32.6	-
81- 43	80.6	42.6	-
81- 58	80.6	57.6	-
106- 33	106	33	-
106- 48	106	48	-
106- 63	106	63	-
141- 38	141	38	-
141- 53	141	53	-
141- 73	141	73	-
141- 93	141	93	-
187- 44	186.5	45.25	43.5
187- 62	186.5	63.25	61.5
187- 82	186.5	83.25	81.5
187-107	186.5	108.25	106.5
232- 52	232	53.5	52
232- 77	232	78.5	77
232-102	232	103.5	102
288- 78	287.5	78.75	77.5
288-128	287.5	128.75	127.5

D length



Flanged panel type
EXFS 61-□, 81-□, 106-□ and 141-□



Flanged bracket type
EXFS 187-□, 232-□ and 288-□

W-H No.	ℓ
61-□	D-4
81-□	D-4
106-□	D-4
141-□	D-4
187-□	D-5
232-□	D-6
288-□	D-6

■ D length can be requested in 0.1mm intervals, but with higher tolerances (±0.3mm).

■ See page EXFS-3 detailed dimensions.

2 Color

To select color code from the table below.

*For flange bracket models, color will be the same as top • bottom cover.

Code	[S][S] Silver / Silver	[S][B] Silver / Black	[B][S] Black / Silver	[B][B] Black / Black
Color				

Lead Time

Custom Size Only
Custom Size + Hole Milling

4 business days (1 ~ 5 pcs)
9 business days (1 ~ 5 pcs)

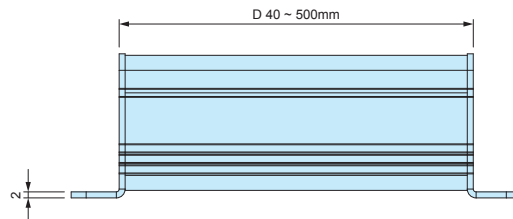
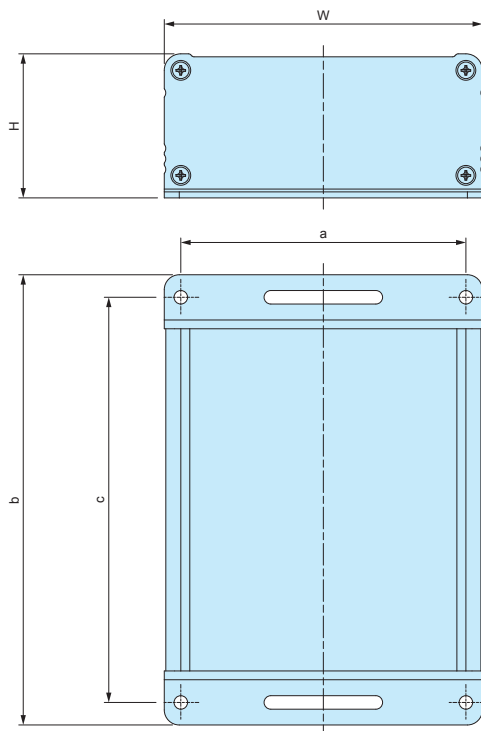
Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp.

EXFS Dimensions

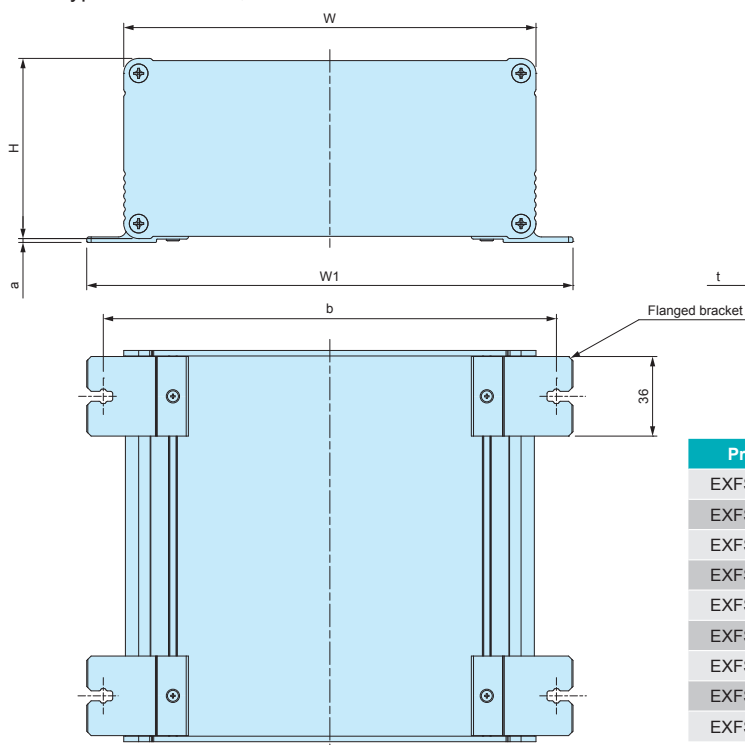
■ DXF/DWG/PDF drawings available on our website.

Flanged panel type EXFS61-□, 81-□, 106-□ and 141-□



Product no.	W	H	a	b	c
EXFS 61-28-□	60.6	27.6	52	D+28	D+16
EXFS 61-38-□	60.6	37.6	52	D+28	D+16
EXFS 61-53-□	60.6	52.6	52	D+28	D+16
EXFS 81-33-□	80.6	32.6	72	D+32	D+20
EXFS 81-43-□	80.6	42.6	72	D+32	D+20
EXFS 81-58-□	80.6	57.6	72	D+32	D+20
EXFS106-33-□	106	33	95	D+32	D+17
EXFS106-48-□	106	48	95	D+32	D+17
EXFS106-63-□	106	63	95	D+32	D+17
EXFS141-38-□	141	38	130	D+32	D+17
EXFS141-53-□	141	53	130	D+32	D+17
EXFS141-73-□	141	73	130	D+32	D+17
EXFS141-93-□	141	93	130	D+32	D+17

Flanged bracket type EXFS187-□, 232-□ and 288-□

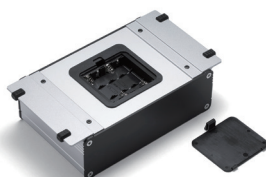


Product no.	W	W1	H	a	b	t
EXFS187- 44-□	186.5	220	43.5	1.75	205	2.5
EXFS187- 62-□	186.5	220	61.5	1.75	205	2.5
EXFS187- 82-□	186.5	220	81.5	1.75	205	2.5
EXFS187-107-□	186.5	220	106.5	1.75	205	2.5
EXFS232- 52-□	232	265	52	1.5	250	3
EXFS232- 77-□	232	265	77	1.5	250	3
EXFS232-102-□	232	265	102	1.5	250	3
EXFS288- 78-□	287.5	320	77.5	1.25	305	3
EXFS288-128-□	287.5	320	127.5	1.25	305	3

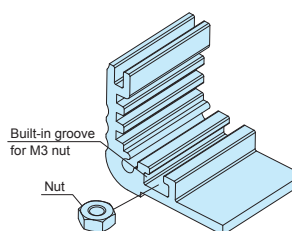
Accessories (Optional parts)



Rubber strain relief cord protector CBS series
See page CBS



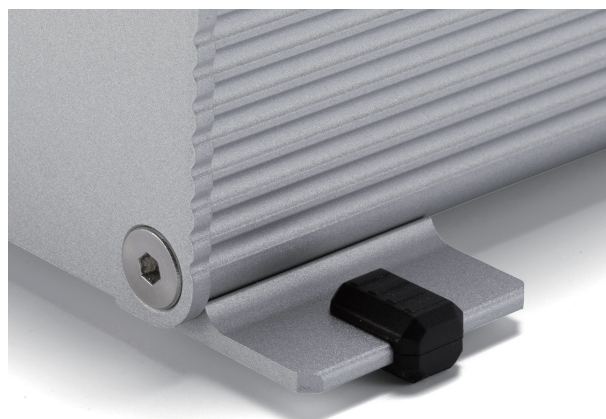
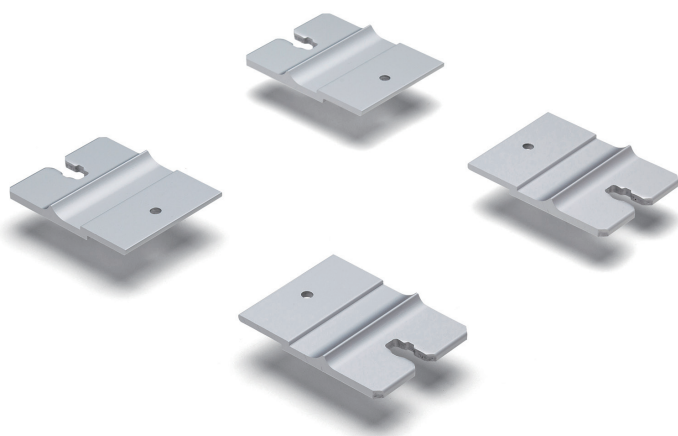
Embedded battery box BC series
See page 125 ~ 128



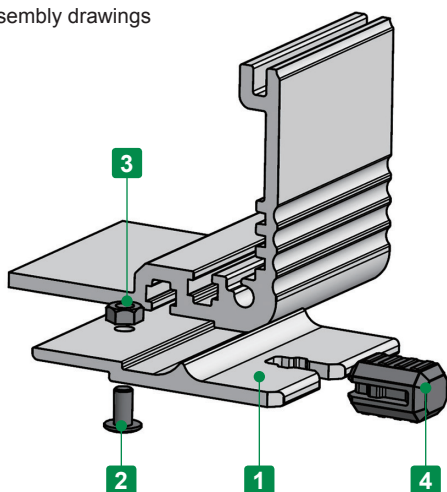
Sliding nut for EXF • EXFS MT-3N
See page EXF • EXFS-4



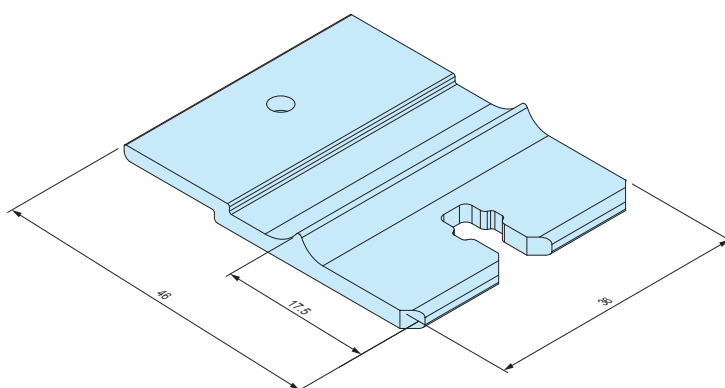
Insert nut adhesive standoff AST series
See page 121

EF-36 series**WALL MOUNTING BRACKET for EXS • EXHS**

Assembly drawings



Utilize rubber feet inserts when placing on tables or flat surfaces.

EF-36 dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

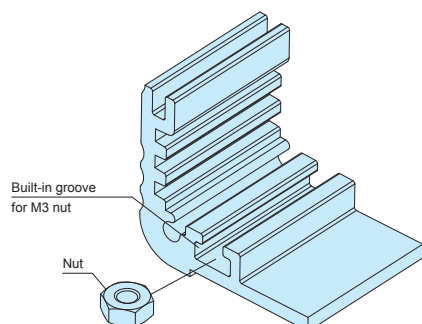
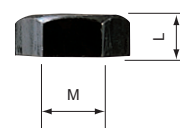
Components

No.	Part name	Pcs	Material	Color / Finish
1	Bracket	4	Extruded aluminium A6063S-T5	Metallic silver / Painted : Black / Anodized
2	Screw (Slim head M3-6)	4	Steel	Black trivalent chromate
3	Nut (For M3 screw)	4	Steel	Black trivalent chromate
4	Insert rubber feet	4	Silicone	Black

Product no.

Product no.	
● Metallic silver / Painted	● Black / Anodized
EF-36S	EF-36B

■ Applicable to be used on EXS series with 185mm or larger bottom covers, and EXHS series with 187mm or larger bottom covers.

MT-3N**SLIDING NUT for EXPS • EXPFS • EXWS • EXWFS • EXS • EXHS****MT-3N dimensions****Product no. / Dimensions**

Product no.	M	L	Material	Finish	Pack of
MT-3N	3	2.4	Steel	Black trivalent chromate	50

■ Sliding nut can be used on all EXPS • EXPFS • EXWS • EXWFS • EXS models with width 140mm or larger bottom covers and with width 230mm and 285mm top covers, as well as on all EXHS models with width 140mm or larger bottom covers and on all heat-sink top cover sizes.

TLW series

TILT LEG



APPLICATION EXAMPLE

- Double shot injection molded feet with soft and well-designed rounded shape.
- Non-slip design with Elastomer (TPE) pad.
- Available in 3 different color patterns (2 color patterns for TLW-70 models).
- TLW-70E models are exclusively for use with width 185mm or larger bottom covers of EXP • EXPE • EXW • EX • EXH • EXHE aluminium enclosures.

Technical Data

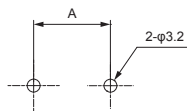
Max load : 7kg

Components

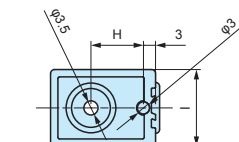
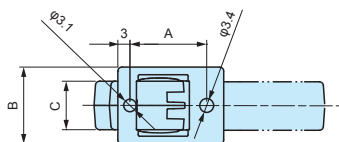
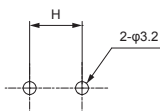
No.	Part name	Pcs	Material	Color / Finish
1	Front foot	2	PC + ABS UL94V-0 • TPE	Black & Black • Navy & Gray • Light gray & Gray
2	Rear foot	2	PC + ABS UL94V-0 • TPE	Black & Black • Navy & Gray • Light gray & Gray
-	Screw	4	Steel M3-8 pan head	Black trivalent chromate
-	Nut	4	Steel M3	Black trivalent chromate

TLW dimensions

Mounting hole (Front)



Mounting hole (Rear)



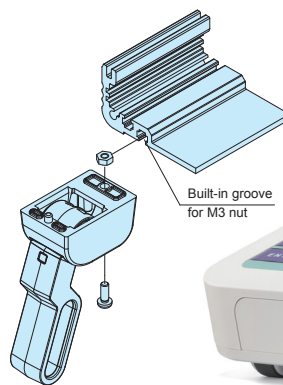
1

2

- DXF/DWG/PDF/STP drawings available on our website.

- TLW-70E□□ models are for installation (with M3 nut) into the built-in grooves on bottom-covers of EXP • EXPE 20-6, EXH • EXHE • EX 19-4 or larger models.

- Hole milling is required to install TLW-46□□ and TLW-70□□ models.
- Max installation panel thickness : t = 3.5mm



Built-in groove for M3 nut



Product no. / Details

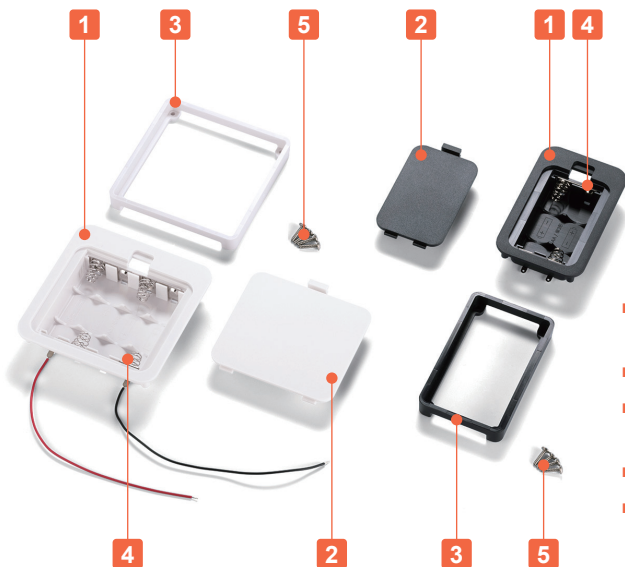
Product no.	A	B	C	D	E	F	G	H	I	J	K	L	Color (plastic)	Color (TPE)	Weight (g)
TLW-46BB	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Black	Black	23
TLW-46NG	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Navy	Gray	23
TLW-46LG	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Light gray	Gray	23
TLW-70EBB	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Black	Black	59
TLW-70ENG	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Navy	Gray	59
TLW-70ELG	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Light gray	Gray	59
TLW-70BB	30	25	16	75.4	69	2	21.5	20	25	39	21.5	2	Black	Black	59
TLW-70LG	30	25	16	75.4	69	2	21.5	20	25	39	21.5	2	Light gray	Gray	59



Technical Data

Operating temperature: -10°C ~ +60°C

Mount Example



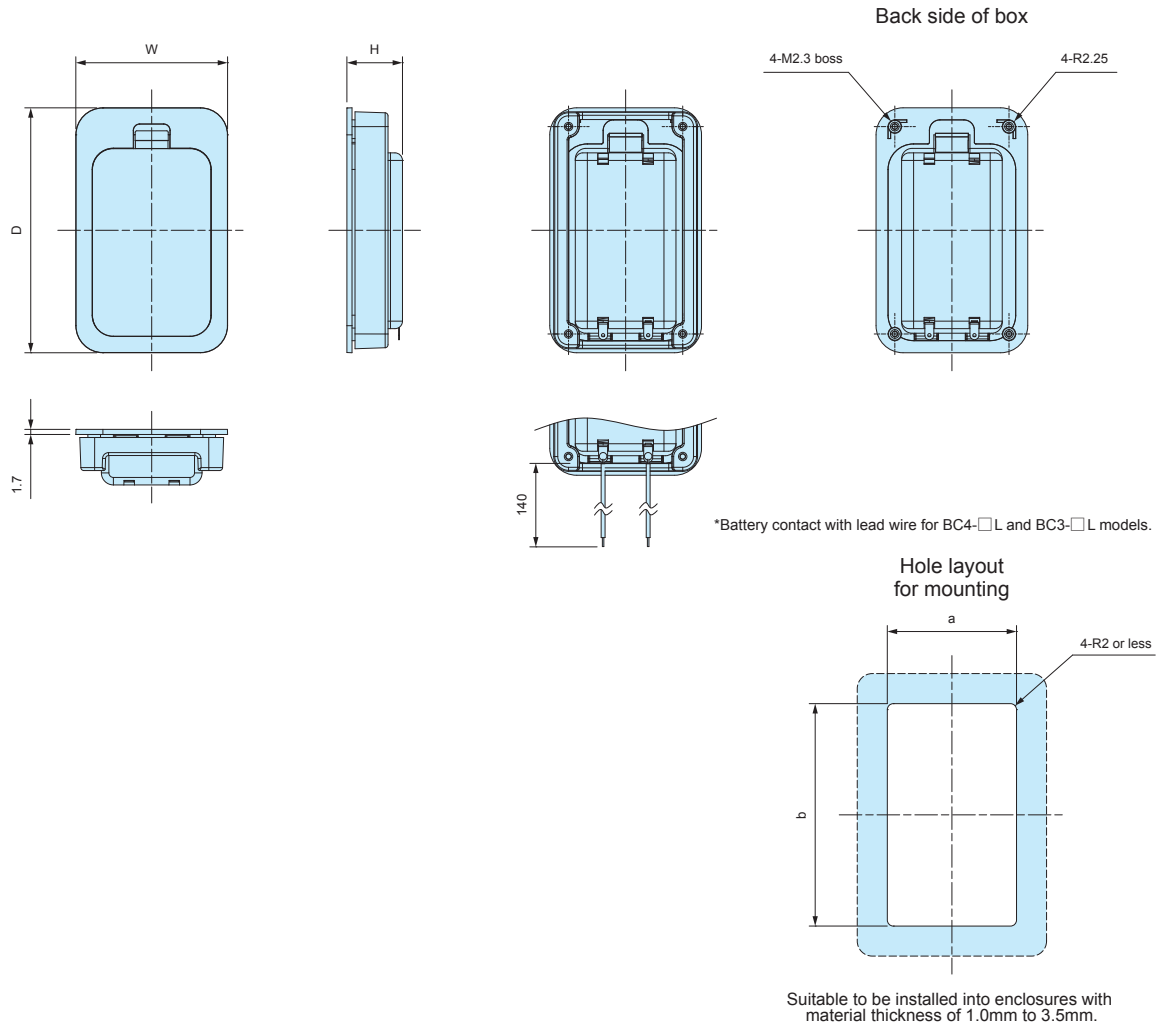
- Suitable to be installed into enclosures with material thickness of 1.0mm to 3.5mm.
- Cover can be opened/closed without any tool for easy battery replacement.
- 5 different battery layouts are available as AA x 2, AA x 3, AA x 4, AAA x 2 and AAA x 4. Each layout comes in 2 models: with lead-wire, and without lead-wire.
- ⊕ ⊖ markings prevents incorrect placement of battery.
- The dimensions of alkaline or manganese batteries may vary depending on country and brand. Use optional battery cushion sponge to prevent rattling.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Box	1	ABS UL94V-0	Black • Off-white
2	Cover	1	ABS UL94V-0	Black • Off-white
3	Frame	1	ABS UL94V-0	Black • Off-white
4	Battery contact Lead wire (BC-L models)	1 set	Battery contact : Brass & steel wire Lead wire : PVC + Copper wire (UL1007 AWG26)	Nickel plated Black • Red
5	Self-tapping screw	4	Steel	Nickel plated

BC dimensions

- DXF/DWG/PDF/STP drawings available on our website.
- The shape and position of battery contacts vary by model.



Type: Without Lead Wire

Product no. / Details

Product no.		Dimensions					Battery layout	Weight (g)
● Black	● Off-white	W	H	D	a	b		
BC4-2-B	BC4-2-W	40	14.8	78.5	32.5	71	*AAA x 2	24.5
BC4-4-B	BC4-4-W	62	14.8	78.5	54.5	71	*AAA x 4	34.5
BC3-2-B	BC3-2-W	50.5	18.5	81.5	43	74	*AA x 2	31.5
BC3-3-B	BC3-3-W	65.5	18.5	81.5	58	74	*AA x 3	39
BC3-4-B	BC3-4-W	80.5	18.5	81.5	73	74	*AA x 4	46

*Alkaline or manganese batteries

Type: With Lead Wire

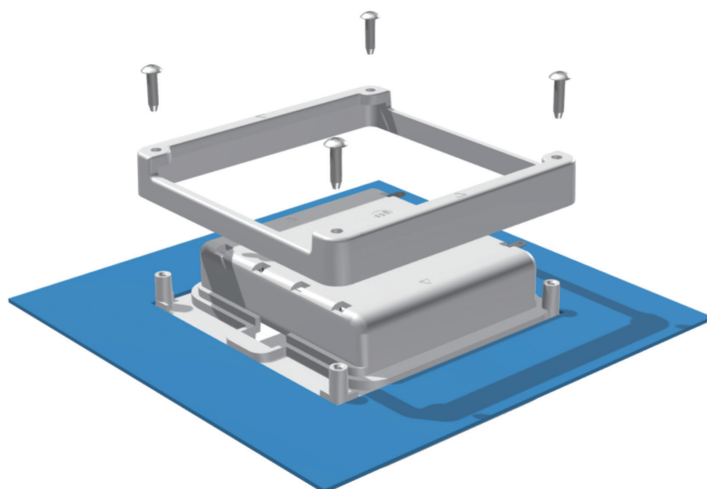
Product no. / Details

Product no.		Dimensions					Battery layout	Weight (g)
● Black	● Off-white	W	H	D	a	b		
BC4-2L-B	BC4-2L-W	40	14.8	78.5	32.5	71	*AAA x 2	25.5
BC4-4L-B	BC4-4L-W	62	14.8	78.5	54.5	71	*AAA x 4	35.5
BC3-2L-B	BC3-2L-W	50.5	18.5	81.5	43	74	*AA x 2	32.5
BC3-3L-B	BC3-3L-W	65.5	18.5	81.5	58	74	*AA x 3	40
BC3-4L-B	BC3-4L-W	80.5	18.5	81.5	73	74	*AA x 4	47

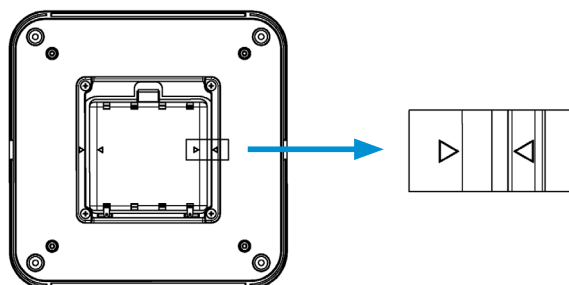
*Alkaline or manganese batteries

How to mount on the enclosures

- Insert battery box into the milled hole first, and fit the frame on the back side. Once mounted, secure the frame with screws.



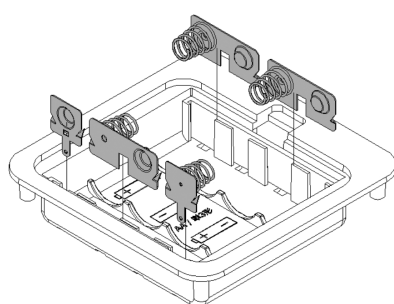
- For BC3-4□ models, ▷ markings are shown on the frame. Install by matching the markings.



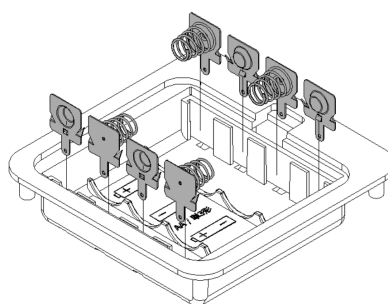
Parallel circuit conversion on BC series battery box

- BC-3□ models can be converted from a series to a parallel circuit. See below illustration for further details.
- IT series (IT-3 models) optional battery contacts can be used for parallel circuit conversion. (See website for more information)
- Use caution when installing or replacing the terminals to avoid the damage to the material.
- Parallel series conversion is available via our customization services.

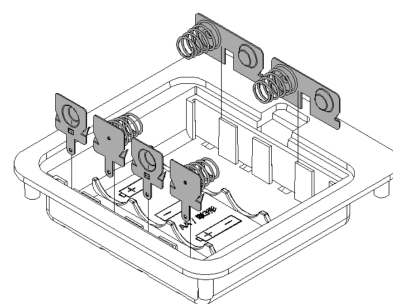
Conversion Example



Series Circuit (Standard)

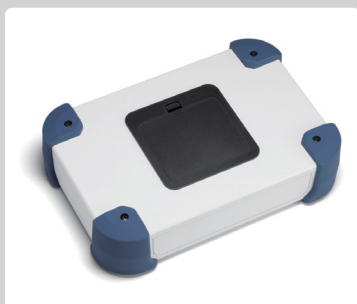


Parallel Circuit (4 batteries)



Parallel Circuit (2 batteries x 2)

Customization Available



For more information, contact us here:

Online form: https://www.takachi-enclosure.com/contact/form_contact
E-mail : sales@takachi-el.co.jp

AFS•AFM series

ALUMINIUM ISOLATION FEET



External type / Shot blast finish AFS series



Internal type / Reflective finish AFM series

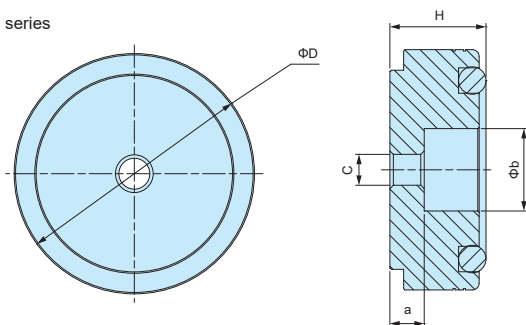
- The surface treatment and finish allows the feet to exhibit a polished and luxurious feel.
- Non-slip NBR O-ring is located on the underside of the feet.

Product no. / Details

Product no.		D	H	Installation type	C	a	b	Pack of
● Silver	● Black							
AFS20- 8S	AFS20- 8B	20	8	External	Φ3.4	3	9	4
AFS25-10S	AFS25-10B	25	10	External	Φ4.5	4	12	4
AFS30-12S	AFS30-12B	30	12	External	Φ4.5	5	12	4
AFS35-14S	AFS35-14B	35	14	External	Φ4.5	5	12	4
AFS39-16S	AFS39-16B	39	16	External	Φ4.5	5	15	4
AFS44-18S	AFS44-18B	44	18	External	Φ4.5	5	20	4
AFS55-20S	AFS55-20B	55	20	External	Φ5.5	5	20	4
AFM15- 7S	—	15	7	Internal	M3	4	—	4
AFM20- 9S	—	20	9	Internal	M3	5	—	4
AFM25-12S	—	25	12	Internal	M4	7	—	4
AFM30-14S	—	30	14	Internal	M4	8	—	4
AFM35-16S	—	35	16	Internal	M4	10	—	4
AFM39-18S	—	39	18	Internal	M4	10	—	4
AFM44-20S	—	44	20	Internal	M4	10	—	4
AFM55-22S	—	55	22	Internal	M5	15	—	4

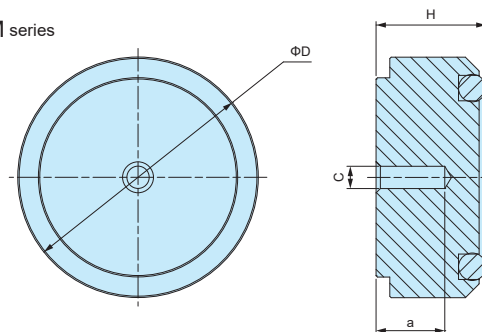
AFS • AFM dimensions

AFS series



- DXF/DWG/PDF/STP drawings available on our website.

AFM series



APPLICATION EXAMPLE

