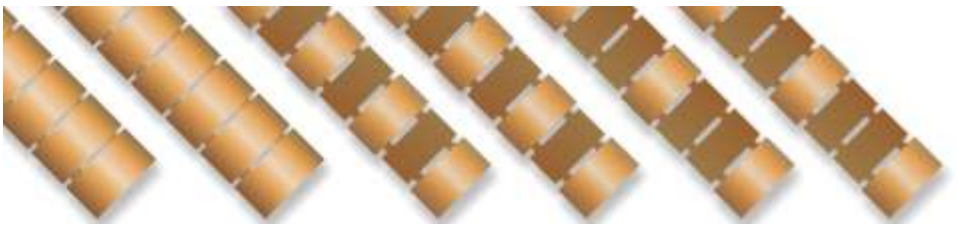
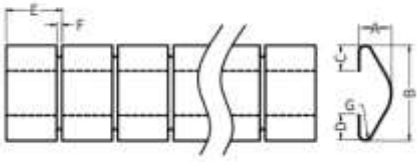
GBA FINGER STOCK

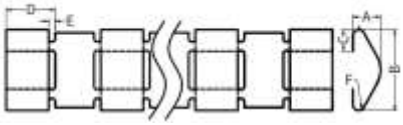


Slot Mount type

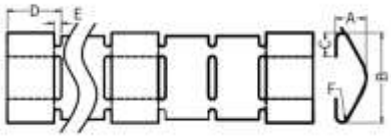
Single Slot Mount: AS-1001~1007



Variable Slot Mount: AS-2011



Variable Slot Mount: AS-2012



SINGLE SLOT MOUNT FEATURES

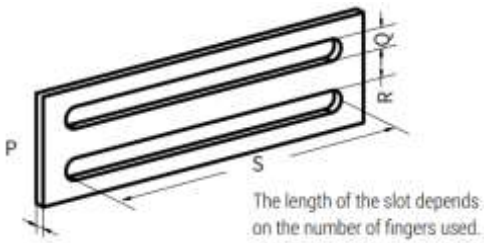
- Easy installation. No need for adhesive or screw positioning, a fast and economical mounting method.
- Apply to normal or shear stress scenario to fit various structures.
- GBA designs progressive tools for single production process to lower product cost.
- Excellent shielding and grounding properties to meet electrical performances requirements.
- Plating can be selected from Tin, Nickel, or Zinc to meet different environmental requirements and facilitate designers to comprehensively consider electrochemical compatibility.

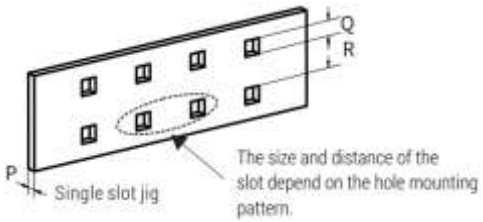
APPLICATION

Cabinets, Front panels, Chassis covers, Connectors, Cable/Plug I/O, Backplanes, and Plug-in interfaces.

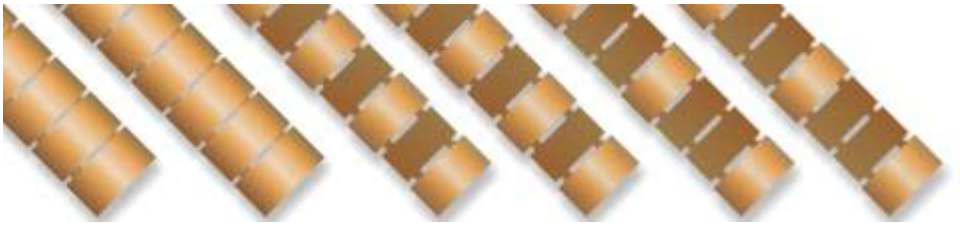
VARIABLE SLOT MOUNT FEATURES

- **Easy installation**. No need for adhesive or screw positioning, a fast and economical mounting method.
- Apply to **normal or shear stress** scenario to fit various structures.
- Due to **reduced metal slot length**, variable slot mount has better shielding performance than traditional slot mount products.
- **Flexible installation**. During host material update, the fingerstock size and groove location can remain no change.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider electrochemical compatibility.





GBA FINGER STOCK



Slot Mount type

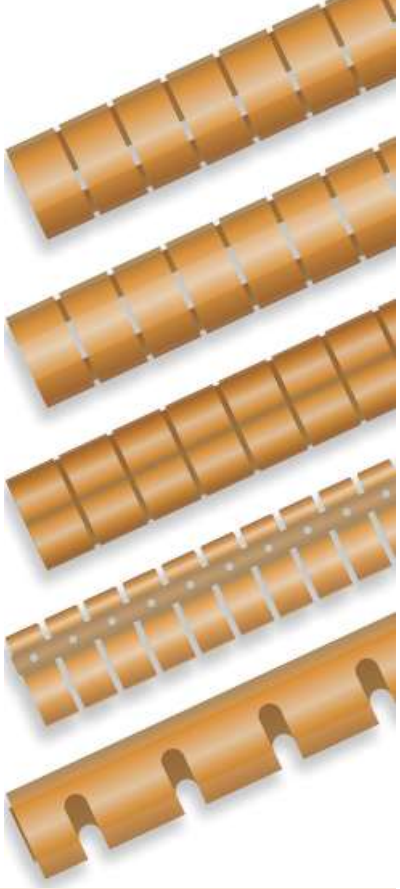
SPECIFICATIONS TABLE

Part #	A	B	C	D	E	F	G	Thickness (mm)_	Recommended			Standard Length (mm)	No. of Fingers
									P (mm)	Q (mm)	R (mm)		
AS-1001	2.8	8.13	2.2	2.2	4.8	0.5	0.5	0.05/0.08/0.1	1	2.3	6.6	8.9	2
AS-1001	2.8	8.13	2.2	2.2	4.8	0.5	0.5	0.05/0.08/0.1	1	2.3	6.6	13.8	3
AS-1001	2.8	8.13	2.2	2.2	4.8	0.5	0.5	0.05/0.08/0.1	1	2.3	6.6	408	86
AS-1002	2.8	8.13	2.2	2.2	4.8	0.5	0.9	0.05/0.08	1	2.3	6.6	13.8	3
AS-1003	4	7	2	2	4.8	0.5	0.5	0.05	/	/	/	498	105
AS-1004	2.4	8.9	2.2	2.2	4.8	0.5	0.7	0.08	/	/	/	13.8	3
AS-1005	3.3	9.09	2.5	2.8	5.1	0.5	0.6	0.06	1	2.3	7.62	9.8	2
AS-1006	5.6	15.2	3.6	3.6	7.2	0.8	1	0.127	1.8	3.6	13.2	13.5	2
AS-1007	8.1	20.3	5.1	5.1	9.5	0.8	1	0.089	1.8	5.5	18.3	18.2	2
AS-2011	2.8	8.13	2.2	4.8	0.5	0.5	-	0.05/0.08/0.1	1	2.3	6.6	13.8	3
AS-2011	2.8	8.13	2.2	4.8	0.5	0.5	-	0.05/0.08/0.1	1	2.3	6.6	32.8	7
AS-2011	2.8	8.13	2.2	4.8	0.5	0.5	-	0.05/0.08/0.1	1	2.3	6.6	89.8	19
AS-2012	2.8	8.13	2.2	4.8	0.6	0.5	-	0.05	1	2.3	6.6	32.6	7
AS-2012	2.8	8.13	2.2	4.8	0.6	0.5	-	0.05	1	2.3	6.6	47	10
AS-2012	2.8	8.13	2.2	4.8	0.6	0.5	-	0.05	1	2.3	6.6	132.4	28
AS-2012	2.8	8.13	2.2	4.8	0.6	0.5	-	0.05	1	2.3	6.6	217.9	46

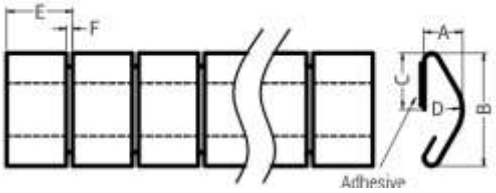
GBA

FINGER STOCK

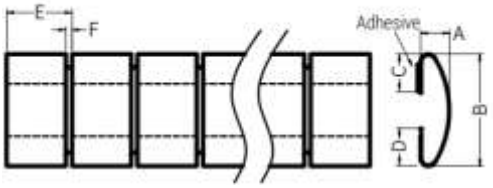
SMOOTH PRESS & LOW PROFILE FINGERSTOCK



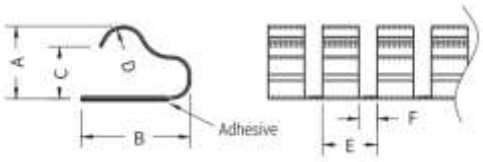
Smooth Press Fingerstock AS-3001/AS-3002



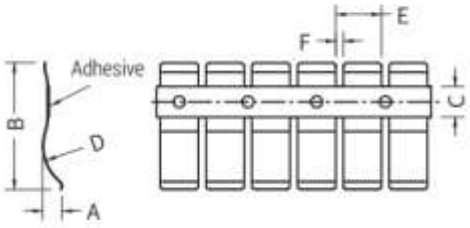
Smooth Press Fingerstock AS-3003



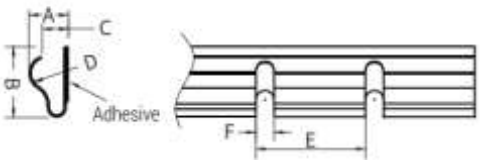
Low Profile Fingerstock AS-4001



Low Profile Fingerstock AS-4002



Low Profile Fingerstock AS-4003



SMOOTH PRESS FINGERSTOCK FEATURES

- **Easy and cost-effective installation** without the need for screws or other fasteners for positioning.
- Mostly used in **normal stress applications**.
- **Excellent shielding effectiveness**, attenuation over 100dB.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.
- **No high requirement for the installation host material**, which just need a flat surface.

APPLICATION
Electrical switch boxes and electronic enclosures.

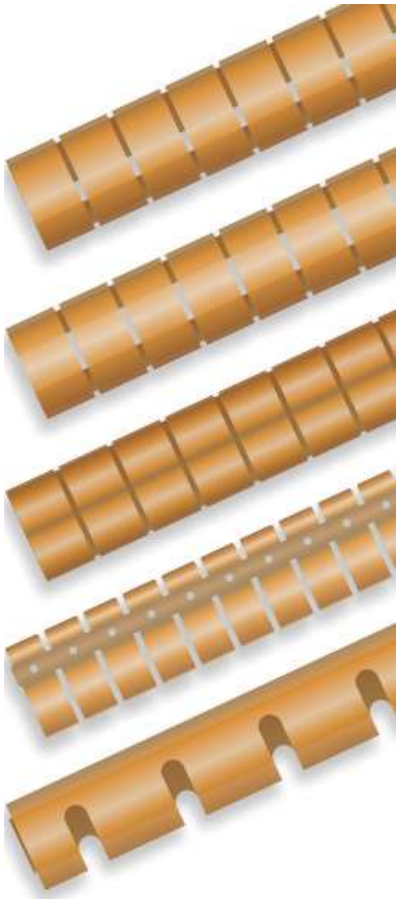
LOW PROFILE FINGERSTOCK FEATURES

- **Easy to install**, simply peel off the release liner to expose the **pressure sensitive tape**, and press it onto the application surface firmly.
- Apply to **normal or shear stress** scenario to fit various structures.
- **Excellent shielding effectiveness**, suitable for **small gap applications**.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.

APPLICATION
Unit track rail in telecom & networking equipment.

GBA

FINGER STOCK



SMOOTH PRESS & LOW PROFILE FINGERSTOCK

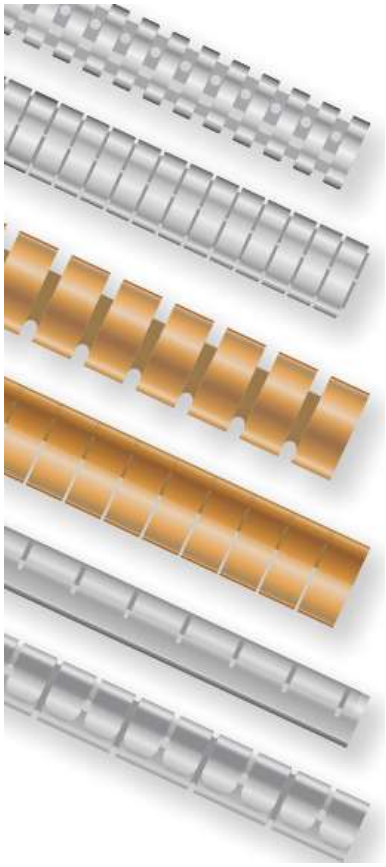
SPECIFICATIONS & SELECTION CHART

Part #	A	B	C	D	E	F	Thickness (mm)	Standard Length (mm)	No. of Fingers
AS-3001	2.79	8.13	5.33	2.8	4.75	0.46	0.05	609.6	128
AS-3002	2.63	7.11	4.58	2.8	4.75	0.46	0.05	607.5	128
AS-3003	2.79	8.89	3.8	2.54	4.75	0.46	0.127	42.3	9
AS-3003	2.79	8.89	3.8	2.54	4.75	0.46	0.127	142	30
AS-3003	2.79	8.89	3.8	2.54	4.75	0.46	0.127	346.3	73
AS-4001	2	3	1.44	0.5	1.5	0.5	0.06	76	51
AS-4001	2	3	1.44	0.5	1.5	0.5	0.06	301	200
AS-4001	2	3	1.44	0.5	1.5	0.5	0.06	550	367
AS-4002	1.28	8.28	2	3	3	0.5	0.05	18	6
AS-4003	1	1.92	0.6	0.4	3	0.5	0.05	23.5	8

GBA

FINGER STOCK

LOW PROFILE HOOK-ON & CLIP-ON



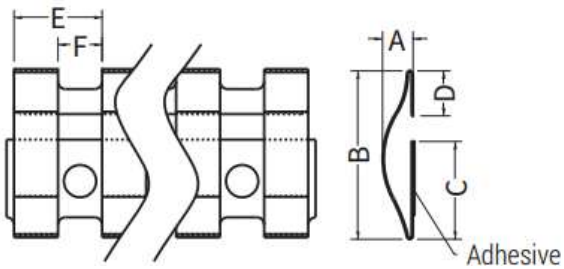
LOW PROFILE HOOK-ON FINGERSTOCK FEATURES

- **U-shape positioning** accompanied by wide adhesive tape to ensure stable and reliable assembly.
- Satisfy **normal and shear pressure** applications to meet various structure designs.
- **Excellent shielding effectiveness**, average 90dB at 10KHz - 1GHz.
- **Low compression force**.
- **Extra-wide adhesive** improves assembly efficiency.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.

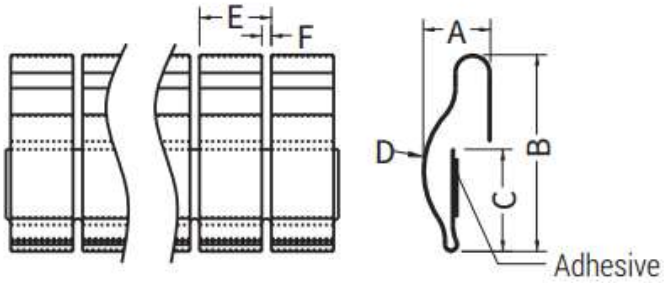
APPLICATION

Unit track rail in telecom & networking equipment.

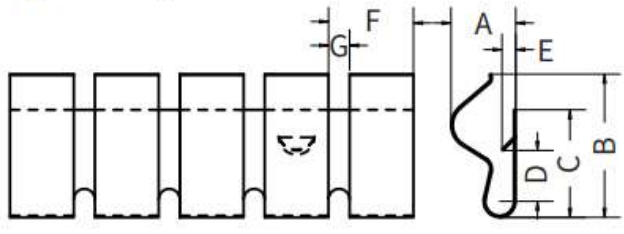
Low Profile Hook-on Fingerstock AS-4901



Low Profile Hook-on Fingerstock AS-4902



Clip-on Fingerstock AS-5001



GBA

FINGER STOCK

LOW PROFILE HOOK-ON & CLIP-ON

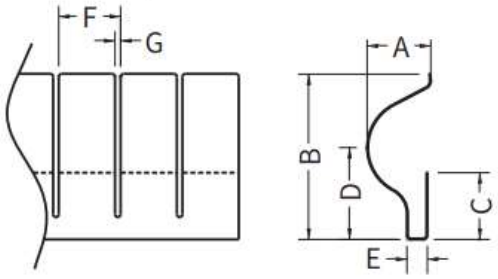
CLIP-ON FINGERSTOCK FEATURES

- **Suitable for high-temperature applications** or other situations that are not suitable for adhesive bonding methods.
- **High reliability**, with **long-lasting and reliable clamping force**. The spring is tightly attached to the installation surface, thus possessing **good conductivity**.
- **Excellent shielding effectiveness**, over 90dB.
- **Good fatigue resistance** - no brittle fracture, wear or deformation after 5000 uses.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.
- Satisfy **normal and shear pressure applications** to meet various structure designs.

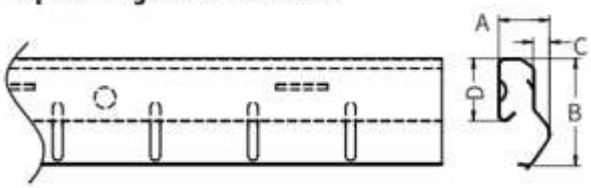
APPLICATION

Cabinets, Front panels, Chassis covers, Connectors, Cable/Plug I/O, Backplanes, and Plug-in interfaces.

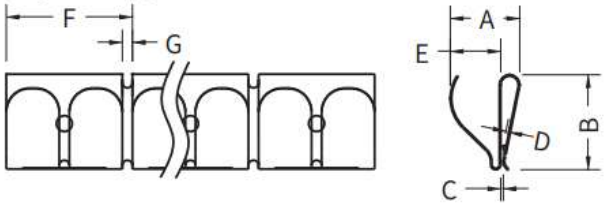
Clip-on Fingerstock AS-5002



Clip-on Fingerstock AS-5003

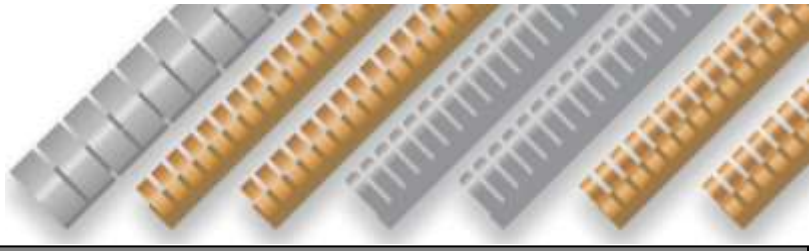


Clip-on Fingerstock AS-5004



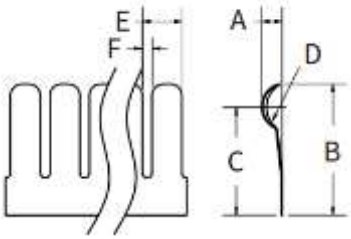
GBA

FINGER STOCK

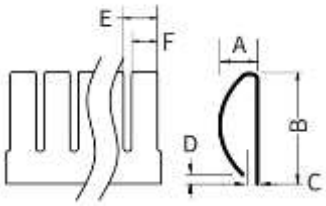


PERPENDICULAR CLIP-ON FINGERSTOCK & CONTACT STRIP

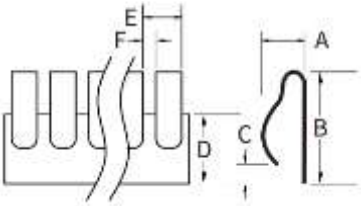
Contact Strip AS-6001



Contact Strip AS-6002



Contact Strip AS-6003

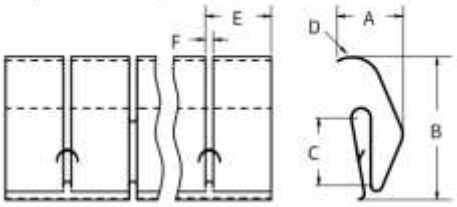


CONTACT STRIP FEATURES

- Mainly used in **high frequency equipment shielding and grounding**.
- **Beryllium-copper** with **excellent electrical conductivity and resilience**.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.

APPLICATION
Telecom & networking devices

Perpendicular Clip-on Fingerstock AS-5901



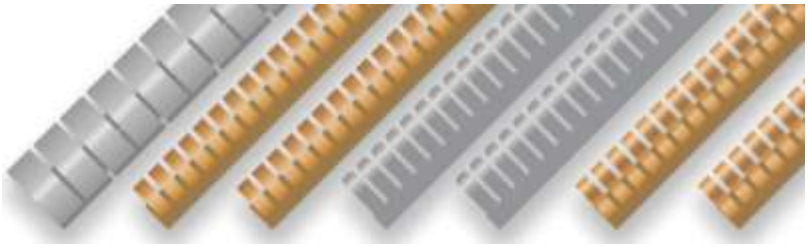
PERPENDICULAR CLIP-ON FINGERSTOCK FEATURES

- **Suitable for high-temperature applications** or other situations that are not suitable for adhesive bonding methods.
- **High reliability**, with **long-lasting and reliable clamping force**. The spring is tightly attached to the installation surface, thus possessing **good conductivity**.
- **Excellent shielding effectiveness**, over 80db
- **Wide compression space**.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.

APPLICATION
Cabinets, Front panels, Chassis covers, Connectors, Cable/Plug I/O, Backplanes, and Plug-in interfaces.

GBA

FINGER STOCK



PERPENDICULAR CLIP-ON FINGERSTOCK & CONTACT STRIP

SPECIFICATIONS & SELECTION CHART

Part #	A	B	C	D	E	F	Thickness (mm)	Standard Length (mm)	No. of Fingers
AS-5901	6.35	13.81	6.5	2.24	6.35	0.76	0.08	62.7	10
AS-5901	6.35	13.81	6.5	2.24	6.35	0.76	0.08	227.8	36
AS-5901	6.35	13.81	6.5	2.24	6.35	0.76	0.08	406.6	64
AS-6001	2.18	13.89	11.5	2.38	4.19	1.02	0.127	406.5	97
AS-6002	0.8	2.6	0.35	0.2	1	0.4	0.1	300	300
AS-6003	2.28	4.83	0.76	3.3	1.52	0.51	0.1	406.4	267

GBA

FINGER STOCK

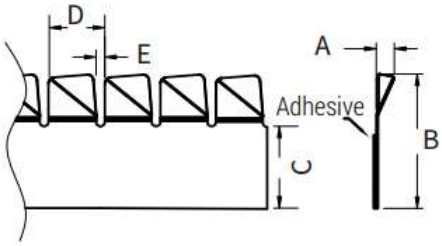
ALL-PURPOSE & TWISTED FINGERSTOCK

ALL-PURPOSE FINGERSTOCK FEATURES

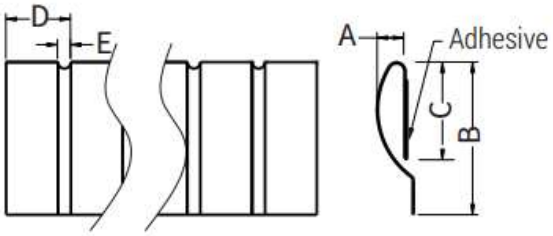
- **Adhesive bonding** as main assembly method, providing long-lasting and reliable adhesive strength.
- Suitable for **frequent opening and closing situations**, as well as compressed space changes frequently.
- Mostly used for **normal stress**.
- **Large compression space**.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.

APPLICATION
Electronic cabinet with metal enclosure

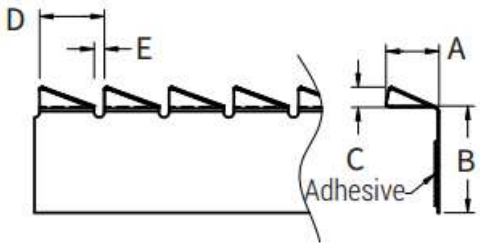
Twisted Fingerstock AS-9001 / AS-9002



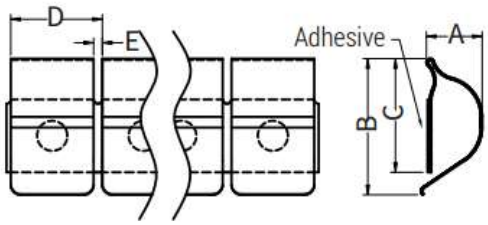
All-Purpose Fingerstock AS-7003



Twisted Fingerstock AS-9003



All-Purpose Fingerstock AS-7001



GBA

FINGER STOCK

ALL-PURPOSE & TWISTED FINGERSTOCK

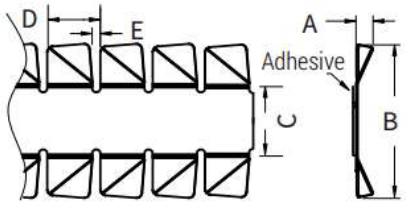
ALL-PURPOSE FINGERSTOCK FEATURES

- **Adhesive bonding** as main assembly method, providing long-lasting and reliable adhesive strength.
- Suitable for **frequent opening and closing situations**, as well as compressed space changes frequently.
- Mostly used for **normal stress**.
- **Large compression space**.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.

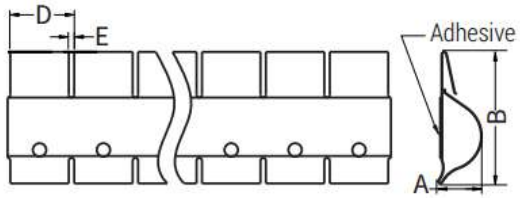
APPLICATION

Electronic cabinet with metal enclosure

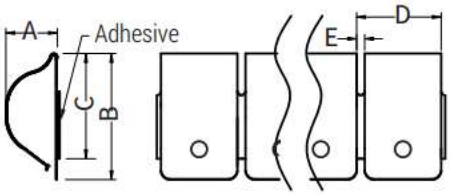
Twisted Fingerstock AS-9004



All-Purpose Fingerstock AS-7004

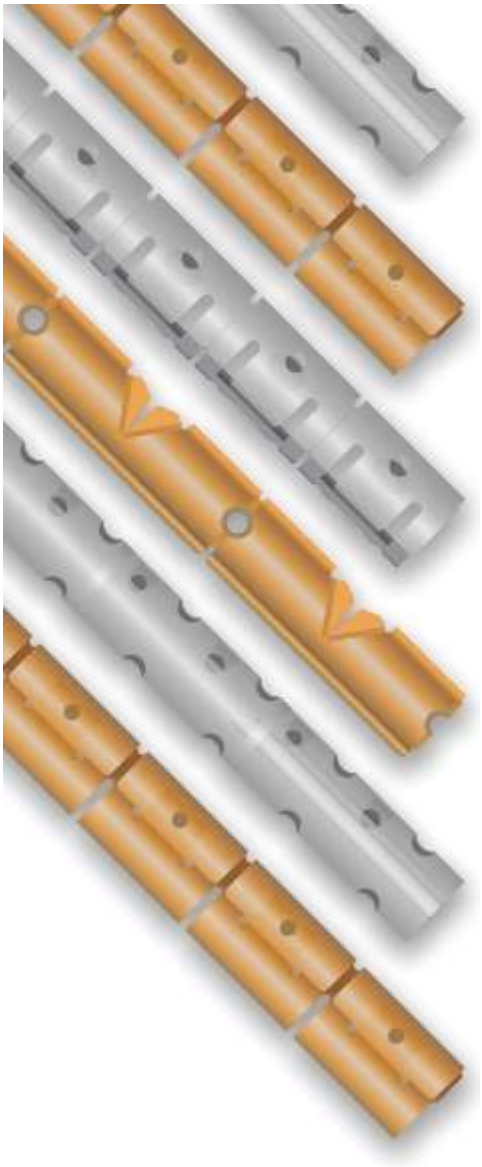


All-Purpose Fingerstock AS-7002



SPECIFICATIONS & SELECTION CHART

Part #	A	B	C	D	E	Thickness (mm)	Standard Length (mm)	No. of Fingers
AS-9001	0.75	5.84	3.56	2.41	0.38	0.05/0.08	602.7	250
AS-9002	1.78	8.64	4.57	4.19	0.38	0.08	603	144
AS-9003	2.03	4.06	0.77	2.41	0.38	0.08	602.1	250
AS-9004	1.75	12.7	4.8	4.2	0.4	0.08	610	200
AS-7001	2.8	7.1	5.8	4.78	0.46	0.05	405.8	85
AS-7002	5.9	18.3	16.5	9.8	0.8	0.08	616.5	63
AS-7003	1.4	7.1	4.7	3.18	0.64	0.08	498	157
AS-7004	19.6	6.5	/	9.53	0.81	0.09	57.18	50



FINGER STOCK

GBA

SYMMETRICAL SLOTTED & SYMMETRICAL FINGERSTOCK

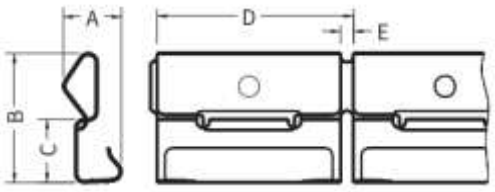
SYMMETRICAL SLOTTED FINGERSTOCK FEATURES

GB has made a unique fingerstock design to the standard **IEEE1101.10**, which references **Dot-10**, known as the **PCI symmetrical gasket**.

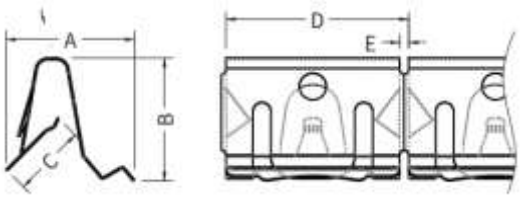
The front panel shielding design includes the structure between the front panels on sub rack and the plug-in units. The shielding material used is a **solid top symmetric slotted (S3) fingerstock** with **sulfamate nickel plating** on the surface. It is designed to be mounted onto a **T-shaped extruded edge**. This design can be subjected to **shear force and bi-directional force**.

According to the standard of Dot-10, the standard length is **9.5" (241.3 mm)**, and products with other lengths or platings can be customized according to specific requirements.

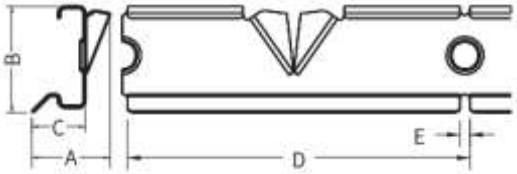
Symmetrical Slotted Fingerstock AS-8001



Symmetrical Slotted Fingerstock AS-8002



Symmetrical Slotted Fingerstock AS-8003



FINGER STOCK

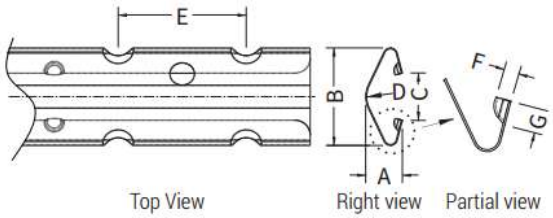
SYMMETRICAL SLOTTED & SYMMETRICAL FINGERSTOCK

SYMMETRICAL FINGERSTOCK FEATURES

- **Suitable for high-temperature applications** or adhesive bonding methods are not required.
- **High installation reliability**. In addition to clipping, the inner groove is designed with a **buckle bite**, providing **long-lasting and reliable clamping force**. The spring is tightly attached to the installation surface to achieve **good conductivity**.
- **Plating can be selected from Tin, Nickel, or Zinc** to meet different environmental requirements and facilitate designers to comprehensively consider **electrochemical compatibility**.
- Fit both **normal, shear pressure and other structural designs**

APPLICATION
Cabinets, Front panels, Chassis covers, Connectors, Cable/Plug I/O, Backplanes, and Plug-in interfaces.

Symmetrical Fingerstock AS-890X



SPECIFICATIONS & SELECTION CHART

Part #	A	B	C	D	E	F	G	Thickness (mm)	Standard Length (mm)	No. of Fingers
AS-8001	2.22	4.97	2.45	7.5	0.5	/	/	0.05	97	13
AS-8002	6.93	7.55	4.07	10.16	0.5	/	/	0.1	395.74	39
AS-8003	2.32	3.14	1.58	10.16	0.3	/	/	0.05	416.26	41
AS-8901	1.82	4.82	2.35	1.27	6.35	0.38	0.6	0.05	101.6	16
AS-8901	1.82	4.82	2.35	1.27	6.35	0.38	0.6	0.05	108	17
AS-8901	1.82	4.82	2.35	1.27	6.35	0.38	0.6	0.05	228.6	36
AS-8901	1.82	4.82	2.35	1.27	6.35	0.38	0.6	0.05	241.3	38