

2024 - selection

COMPANY PROFILE

Patron is a small Company which developed the know how in manufacturing industrial components since 1976, when the first family Company started working out various specializations in the automotive field, developing products in stainless steel and other technological materials.

Since 2022 *Patron* is producing EMI/RFI gaskets, EMC solutions and has gained a deep expertise in shielding techniques for industrial and military electronics equipment.

Our product lines consist of a wide range of **fingerstock gaskets**(present catalogue), shielding gaskets, EMI/RFI optical filters and air ventilation/filtration panels.

All the articles can reduce the electromagnetic noise usually associated with electronics and are installed inside or around the enclosures or cabinets containing it. The dimension of these enclosures may be as small as a pace-maker, or as large as a shelter for telecommunications.

Manufacturing capability of *Patron* is of medium and long running production, including quick prototyping, customizing and shielding needs characterization.

We serve many fields, such as electronics industries, telecommunications, aerospace, information technology, HF tooling equipment, medical devices.

For advice on application and designing for EMC (Electro-Magnetic Compatibility) please contact us at one of the addresses shown at the bottom of each page of this catalogue.

FINGERSTOCK GASKETS

Application

Due to their outstanding material and electrical characteristics, beryllium copper (or stainless steel) fingers of different shapes and dimensions are used in the following industries: broadcasting, telecommunications, industrial control, measuring and instrumentation field, aerospace technology, nuclear physics and data processing. Contact fingers and rings made of beryllium copper are used at all radio and microwave frequencies, for instance as contacts to valves and tuning components as well as for shielding.

Material Properties

The beryllium copper (CuBe2) used for our products is a quality tested quench hardening spring material. It is noteworthy for its yield point, tensile strength and elasticity, good electrical conductivity, high fatigue strength as well as its resistance to abrasion and corrosion. The good thermal conductivity coupled with hardness eliminates sparking. The raw material is non-magnetic and has an excellent temperature performance.

Physical Characteristics

Specific weight: 8.4 g/cm³
 Melting point: 900 °C
 Coefficient to expansion: 17x10⁻⁶/°C (20-200°C)
 Thermal Conductivity: 0.27 cal/cm·s·°C
 Vickers hardness: 1.13 W/cm·°C
 350-430
 Tensile strength: 1200-1450 N/mm²
 Bending resistance at 10⁸ load cycles: 250-290 N/mm²
 Elasticity modulus: 135 000 N/mm²
 Torsion modulus: 47 000 N/mm²
 Spring bending limit: 820-950 N/mm²
 Electrical conductivity: 12.5-13 m/Ωmm²

Material Options

- Material: hardened alloy C17200
- Finish: bright finish, silver plated, gold plated, zinc plated, tin plated, nickel plating or according to special customer specifications. Plating codes: see below form.
- Material in stock: hardened and bright finish or hardened and silver or tin plated. Always ask for the latest stock availability.

Delivery options

- As strips in standard lengths, endless, cut to any specific length or formed into a ring
- Most of the items available within a few days
- Special shapes available, according to customer's need, developing a new tool
- Feel free to ask for any special need and we will study the best possible solution for you.

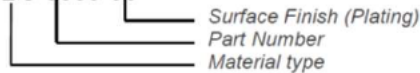
Disclaimer:

While we believe the information in this document to be correct and in accordance with DIN or MIL standard, we cannot guarantee electrical specification and we accept no responsibility for any errors or misprints. Details are subject to change without notification anytime. We always suggest taking your own test or measurement.

Ordering information

EXAMPLE

P/N: BC 0000-00



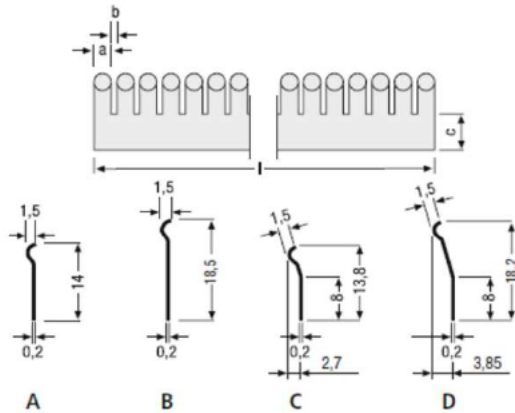
Material type

BC: Beryllium Copper
 SS: Stainless Steel (where available)

Surface Finish options (BC only)

- 02 uncoated (bright)
- 03 gold plating
- 04 silver plating
- 15 zinc plating
- 17 tin plating
- 19 nickel plating

CONTACT STRIPS



Form

A

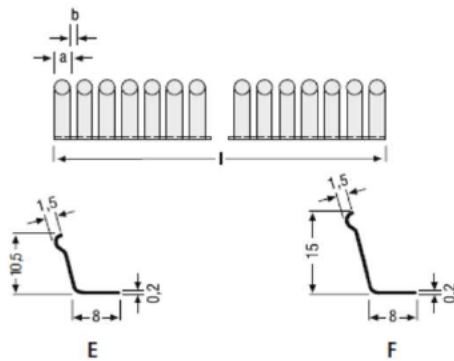
B

C

D

Form	a mm	b mm	c mm	l mm	Part-No.
A	3	1	6.5	499	8101*
B	3	1	6.5	499	8102*
C	3	1	6.5	499	8103*
D	3	1	6.5	499	8104*

*Available in CuBe and stainless steel
Electroplating on request



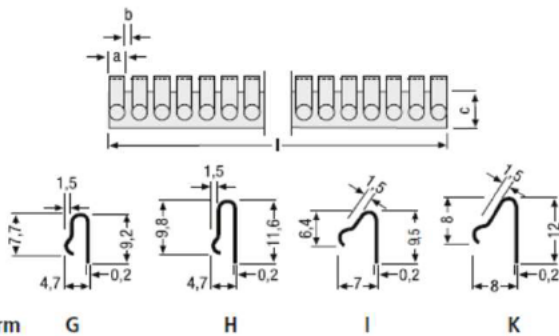
Form

E

F

Form	a mm	b mm	l mm	Part-No.
E	3	1	499	8105*
F	3	1	499	8106*

*Available in CuBe and stainless steel
Electroplating on request



Form

G

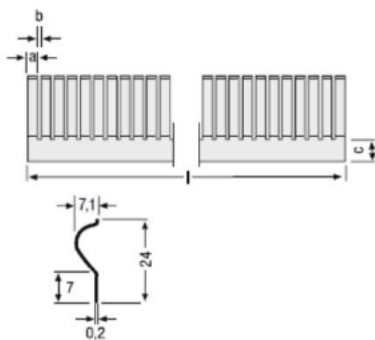
H

I

K

Form	a mm	b mm	c mm	l mm	Part-No.
G	3	1	6.5	499	8107*
H	3	1	6.5	499	8108*
I	3	1	6.5	499	8109*
K	3	1	6.5	499	8110*

*Available in CuBe and stainless steel
Electroplating on request



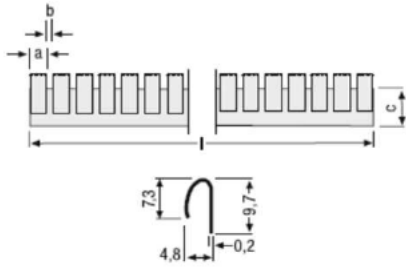
Form

L

Form	a mm	b mm	c mm	l mm	Part-No.
L	3	1	6.5	499	8111*

*Available in CuBe and stainless steel
Electroplating on request

CONTACT STRIPS

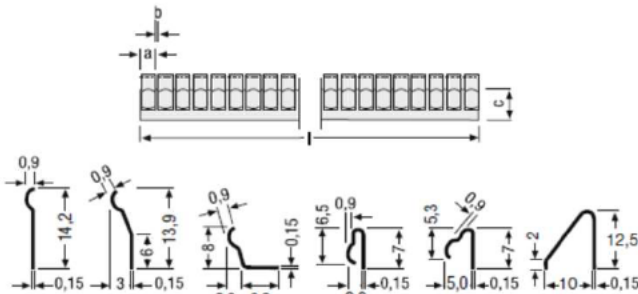


Form

M

Form	a mm	b mm	c mm	l mm	Part-No.
M	3	1	6.5	499	8112*

*Available in CuBe and stainless steel
Electroplating on request



Form N

N1

O

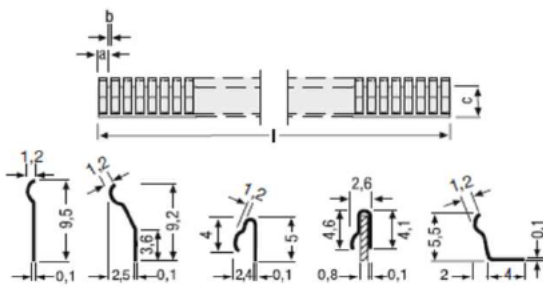
P

Q

Q1

Form	a mm	b mm	c mm	l mm	Part-No.
N	1.5	0.5	5.5	500	8113*
N1	1.5	0.5	5.5	500	8125*
O	1.5	0.5	5.5	500	8114*
P	1.5	0.5	5.5	500	8115*
Q	1.5	0.5	5.5	500	8116*
Q1	3.0	1	10.8	499	8126*

*Available in CuBe and stainless steel
Electroplating on request



Form R

R1

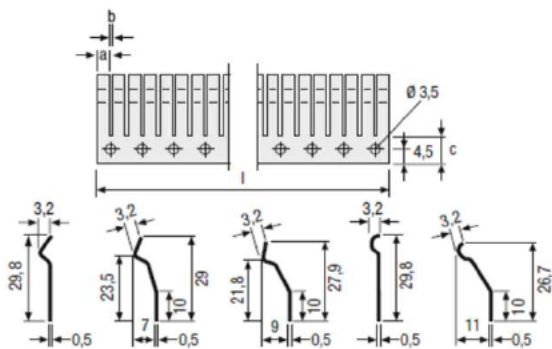
S

S1

T

Form	a mm	b mm	c mm	l mm	Part-No.
R	1	0.5	3.2	499	8117*
R1	1	0.5	3.2	499	8127*
S	1	0.5	3.2	499	8118*
S1	1	0.5	3.2	499	8128*
T	1	0.5	3.2	499	8119*

*Available in CuBe and stainless steel
Electroplating on request



Form U

U1

U2

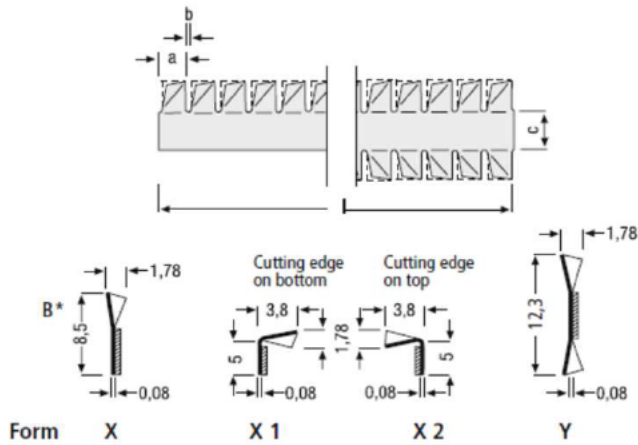
U10

U11

Form	a mm	b mm	c mm	l mm	Part-No.
U	3.0	1.0	9	503	8120*
U1	3.0	1.0	9	503	8121*
U2	3.0	1.0	9	503	8122*
U10	3.0	1.0	9	503	8123*
U11	3.0	1.0	9	503	8124*

*Available in CuBe and stainless steel
Electroplating on request

TWISTED CONTACT STRIPS



Form X

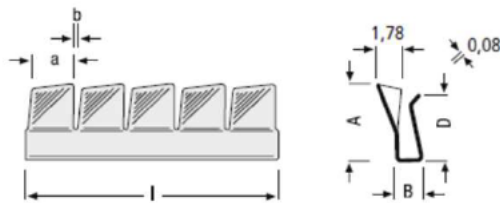
X 1

X 2

Y

Form	a	b	c	l mm	Part-No.
X	3.8	0.4	4.8	407	8501**
	3.8	0.4	4.8	608	8502**
	3.8	0.4	4.8	499	8503**
	3.8	0.4	4.8	Endless strip	8504**
X 1	3.8	0.4	4.8	499	8505**
X 2	3.8	0.4	4.8	499	8506**
Y	3.8	0.4	4.8	407	8511**
	3.8	0.4	4.8	608	8512**
	3.8	0.4	4.8	499	8513**
	3.8	0.4	4.8	Endless strip	8514**

* other dimensions available
 ** Available in CuBe and stainless steel
 Electroplating on request

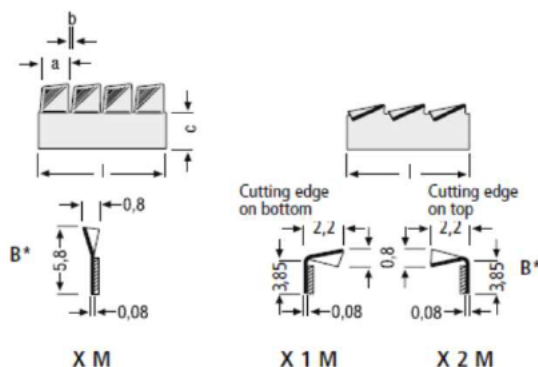


Form X 3, X 4

Form	a	b	A	B	D	l mm	Part-No.
X 3	3.8	0.4	4.8	1.0	4.1	407	8601*
	3.8	0.4	4.8	1.5	3.6	407	8602*
	3.8	0.4	4.8	2.0	3.2	407	8603*
X 4	3.8	0.4	6.4	1.0	5.8	407	8604*
	3.8	0.4	6.4	1.5	5.3	407	8605*
	3.8	0.4	6.4	2.0	5.1	407	8606*

* Available in CuBe and stainless steel
 Electroplating on request

MINI-TWISTED CONTACT STRIPS



Form XM

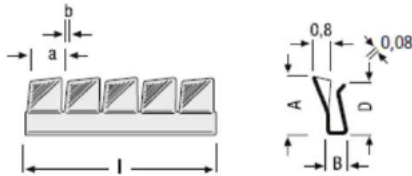
X 1 M

X 2 M

Form	a	b	c	l mm	Part-No.
X M	2.0	0.4	3.1	500	8610**
	2.0	0.4	3.1	610	8611**
	2.0	0.4	3.1	Endless strip	8613**
X 1 M	2.0	0.4	3.1	610	8614**
X 2 M	2.0	0.4	3.1	610	8615**

* other dimensions available
 ** Available in CuBe and stainless steel
 Electroplating on request

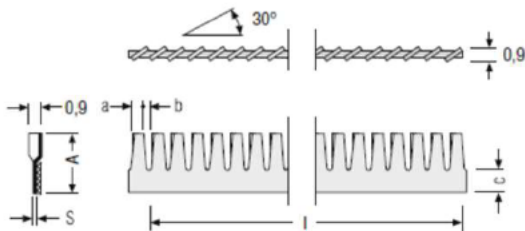
MINI-TWISTED CONTACT STRIPS



Form X 5 bis X 10

Form	a	b	A	B	D	l mm	Part-No.
X 5	2.0	0.4	3.8	1.0	3.7	405	8616*
X 6	2.0	0.4	3.8	1.5	3.5	405	8617*
X 7	2.0	0.4	4.7	1.0	4.5	405	8618*
X 8	2.0	0.4	4.3	1.5	4.4	405	8619*
X 9	2.0	0.4	5.9	1.0	4.7	405	8620*
X 10	2.0	0.4	5.9	1.5	4.3	405	8621*

*Available in CuBe and stainless steel
Electroplating on request

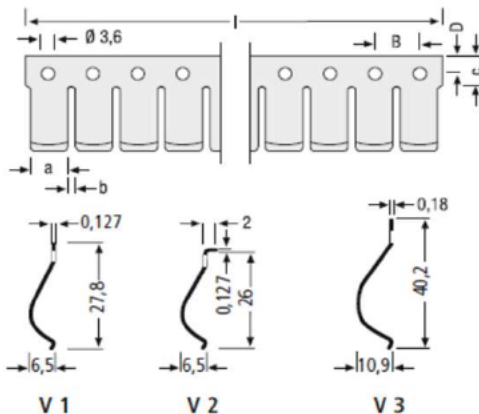


Form Z

Form	a	b	C	A	S	l mm	Part-No.	
Z	1.65	0.76	4.1	9.1	0.127	406	9070*	
Z							Endless strip	9071*

*Available in CuBe and stainless steel
Electroplating on request

RFI-EMI SHIELDING



Form

V 1

V 2

V 3

Form	a	b	c	B	D	l mm	Part-No.
V 1	8.5	1	6.45	9.5	4	502	8801*
	8.5	1	6.45	9.5	4	Endless strip	8802*
V 2	8.5	1	4.9	9.5	2.3	502	8803*
V 3	11.7	1	8	12.7	4.8	507	8804
	11.7	1	8	12.7	4.8	Endless strip	8805

*Available in CuBe and stainless steel
Electroplating on request

Electrical Properties

Excellent shielding values 110 dB at 100 MHz

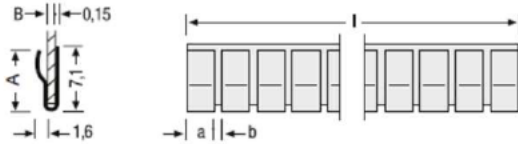
Application

Shielding of doors and other movable parts in shielded rooms, cabins and cabinets

Mounting

By way of rivets, screws or soldering

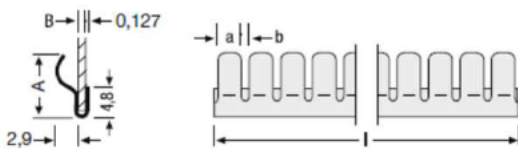
CLIP-ON GASKETS



Form CL 1
also available endless

Form	a mm	b mm	A mm	B mm	l mm	Part-No.
CL1	5.6	0.8	6.7	0.8	409	8901.08*
CL1-1	5.6	0.8	6.6	1.0	409	8901.10*
CL1-2	5.6	0.8	6.2	1.5	409	8901.15*
CL1-3	5.6	0.8	5.8	2.0	409	8901.20*
CL1-12	5.6	0.8	6.45	1.2	409	8901.12*

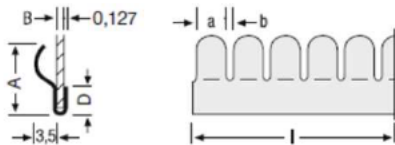
*Available in CuBe and stainless steel
Electroplating on request
CL1-1, CL1-2 and CL1-3 also available with D + T lances



Form CL 2

Form	a mm	b mm	A mm	B mm	l mm	Part-No.
CL2	3.6	1.2	8.2	0.8	407	8902.08*
CL2-1	3.6	1.2	8.0	1.0	407	8902.10*
CL2-2	3.6	1.2	7.8	1.5	407	8902.15*

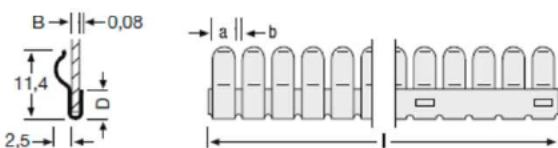
*Available in CuBe and stainless steel
Electroplating on request



Form CL 3

Form	a mm	b mm	A mm	B mm	D mm	l mm	Part-No.
CL3	3.6	1.2	11.4	0.8	5.2	407	8903.08*
CL3-1	3.6	1.2	10.8	1.0	4.8	407	8903.10*
CL3-2	3.6	1.2	11.2	1.5	4.5	407	8903.15*
CL3-3	3.6	1.2	10.5	3.0	4.4	407	8903.30*

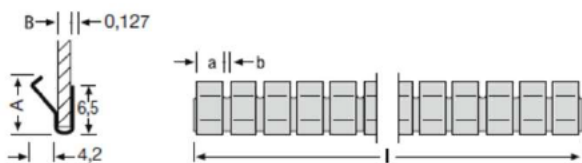
*Available in CuBe and stainless steel
Electroplating on request



Form CL 4

Form	a mm	b mm	B mm	D mm	l mm	Part-No.
CL4	3.6	1.2	1.5	4.9	407	8904.15*
CL4-1	3.6	1.2	2.0	4.8	407	8904.20*

*Available in CuBe and stainless steel
Electroplating on request

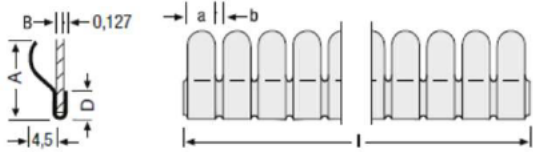


Form CL 5

Form	a mm	b mm	A mm	B mm	l mm	Part-No.
CL5	3.6	1.2	8.2	0.8	407	8905.08*
CL5-1	3.6	1.2	8.2	1.0	407	8905.10*
CL5-2	3.6	1.2	8.2	1.5	407	8905.15*
CL5-3	3.6	1.2	8.0	2.0	407	8905.20*

*Available in CuBe and stainless steel
Electroplating on request

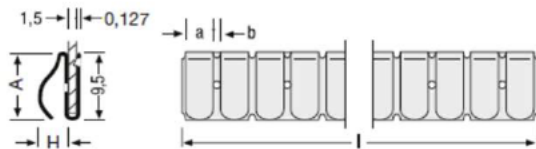
CLIP-ON GASKETS



Form CL 6

Form	a mm	b mm	A mm	B mm	D mm	I mm	Part-No.
CL 6	3.6	1.2	13.7	0.8	5.7	503	8906.08*
CL 6-1	3.6	1.2	13.7	1.0	5.4	503	8906.10*
CL 6-2	3.6	1.2	13.7	1.5	4.8	503	8906.15*
CL 6-3	3.6	1.2	13.7	2.0	4.6	503	8906.20*

*Available in CuBe and stainless steel
Electroplating on request

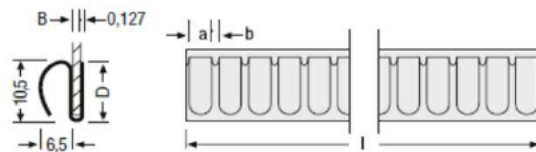


Form CL 7

Also available with D and T lances.

Form	a mm	b mm	A mm	H mm	I mm	Part-No.
CL 7	5.31	1.04	9.5	5.2	406	8907.15*
CL 7-1	5.31	1.04	8.0	6.9	406	8927.15*
CL 7-2	5.31	1.04	7.5	7.9	406	8928.15*

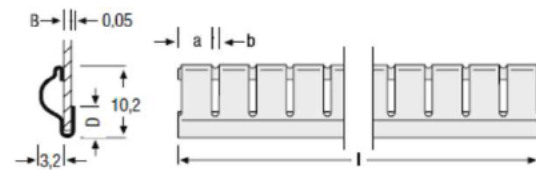
*Available in CuBe and stainless steel
Electroplating on request



Form CL 8

Form	a mm	b mm	B mm	D mm	I mm	Part-No.
CL 8	3.2	1.55	2.0	8.2	402	8908.20*
CL 8-1	7.95	1.55	2.0	8.1	407	8929.20*
CL 8-2	3.2	1.55	3.0	7.4	407	8908.30*

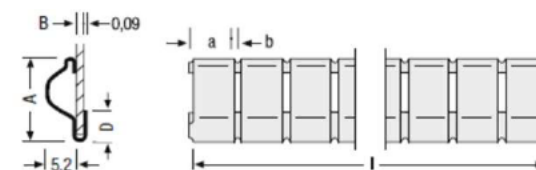
*Available in CuBe and stainless steel
Electroplating on request



Form CL 9

Form	a mm	b mm	B mm	D mm	I mm	Part-No.
CL 9	5.7	0.6	0.8	5.7	409	8909.08*
CL 9-1	5.7	0.6	1.0	5.5	409	8909.10*
CL 9-2	5.7	0.6	1.5	5.2	409	8909.15*
CL 9-3	5.7	0.6	2.0	5.2	409	8909.20*

*Available in CuBe and stainless steel
Electroplating on request

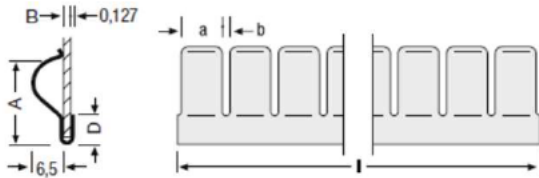


Form CL 10

Form	a mm	b mm	A mm	B mm	D mm	I mm	Part-No.
CL 10	8.7	0.8	16.2	1.5	5.6	455	8910.15*
CL 10-1	8.7	0.8	15.7	3.0	4.8	455	8910.30*

*Available in CuBe and stainless steel
Electroplating on request

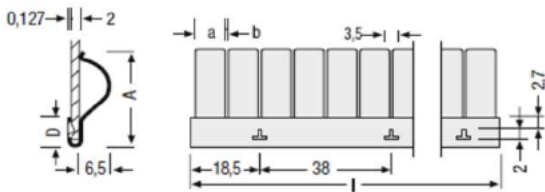
CLIP-ON GASKETS



Form CL 11

Form	a mm	b mm	A mm	B mm	D mm	l mm	Part-No.
CL 11	8.5	1.0	26.8	2.0	7.8	493	8911.20*
CL 11-1	8.5	1.0	26.5	3.0	7.2	493	8911.30*

* Available in CuBe and stainless steel
Electroplating on request

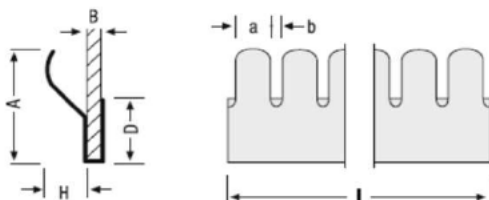


Form CL 12

Clamping leg with T lances

Form	a mm	b mm	A mm	D mm	l mm	Part-No.
CL 12	8.5	1.0	26.8	7.8	493	8912.20*

* Available in CuBe and stainless steel
Electroplating on request

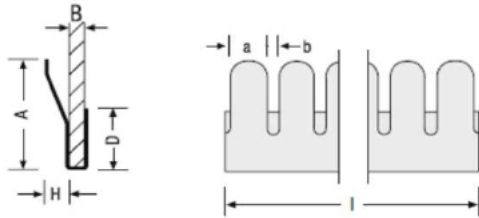


Form CL 13 – CL 18
material thickness: 0.10 mm

Form	a mm	b mm	A mm	B mm	D mm	H mm	l mm	Part-No.
CL 13	3.6	1.2	15.4	1.0	7.4	5.3	406	8630.10**
CL 14	3.6	1.2	15.4	1.5	6.9	5.3	406	8631.15**
CL 15	3.6	1.2	15.4	2.0	7.1	5.3	406	8632.20**
CL 16*	3.6	1.2	8.6	1.0	6.3	2.5	402	8633.10**
CL 17*	3.6	1.2	8.6	1.5	5.8	2.5	402	8634.15**
CL 18*	3.6	1.2	8.6	2.0	5.4	2.5	402	8635.20**

* with T lances
** Available in CuBe and stainless steel
Electroplating on request

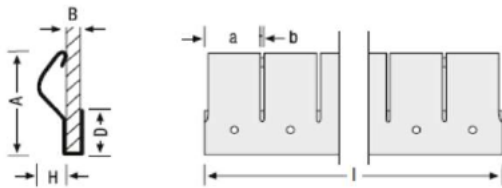
CLIP-ON GASKETS



Form CL 19 – CL 21
material thickness: 0.10 mm

Form	a mm	b mm	A mm	B mm	D mm	H mm	l mm	Part-No.
CL 19	3.6	1.2	11.4	1.0	6.8	2.5	407	8636.10*
CL 20	3.6	1.2	11.4	1.5	6.3	2.5	407	8637.15*
CL 21	3.6	1.2	11.4	2.0	5.9	2.5	407	8638.20*

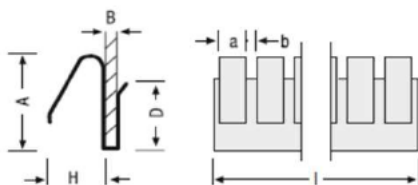
* Available in CuBe and stainless steel
Electroplating on request



Form CL 22 – CL 28
material thickness: 0.70 mm

Form	a mm	b mm	A mm	B mm	D mm	H mm	l mm	Part-No.
CL 22	5.84	0.51	11.7	1.0	6.1	3.0	458	8639.10
CL 23	5.84	0.51	11.7	1.5	5.6	3.0	458	8640.15
CL 24	5.84	0.51	11.7	2.0	5.1	3.0	458	8641.20
CL 25	9.02	0.51	19.3	1.0	7.4	6.4	457	8642.10
CL 26	9.02	0.51	19.3	1.5	6.9	6.4	457	8643.15
CL 27	9.02	0.51	19.3	2.0	6.4	6.4	457	8644.20
CL 28	9.02	0.51	19.3	3.0	5.3	6.4	457	8645.30

Available with lances
Electroplating on request

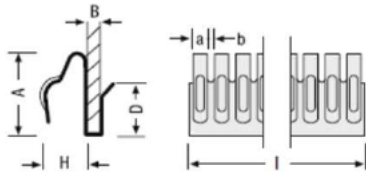


Form CL 32 – CL 37
material thickness:
CL 32 – CL 35 : 0.15 mm
CL 36 – CL 37 : 0.08 mm

Form	a mm	b mm	A mm	B mm	D mm	H mm	l mm	Part-No.
CL 32*	3.2	1.55	12.2	1.0	8.25	7.2	402	8649.10**
CL 33*	3.2	1.55	12.2	1.5	8.0	7.2	402	8650.15**
CL 34*	3.2	1.55	12.2	2.0	7.25	7.2	402	8651.20**
CL 35*	3.2	1.55	12.2	3.0	6.55	7.2	402	8652.30**
CL 36	2.8	0.4	4.6	1.0	3.8	2.3	307	8653.10**
CL 37	2.8	0.4	4.6	1.5	3.4	2.3	307	8654.15**

* Also available with D- lances
** Available in CuBe and stainless steel
Electroplating on request

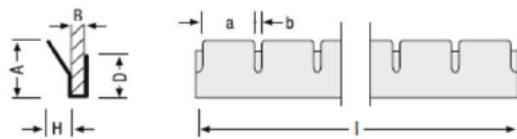
CLIP-ON GASKETS



Form CL 38 – CL 46
 material thickness:
 CL 38 – CL 41 : 0.15 mm
 CL 42 – CL 44 : 0.127 mm
 CL 45 – CL 46 : 0.08 mm

Form	a mm	b mm	A mm	B mm	D mm	H mm	l mm	Part-No.
CL 38	1.5	0.5	9.2	1.0	6.4	5.1	408	8655.10*
CL 39	1.5	0.5	9.2	1.5	5.9	5.1	408	8656.15*
CL 40	1.5	0.5	9.2	2.0	5.4	5.1	408	8657.20*
CL 41	1.5	0.5	9.2	3.0	4.6	5.1	408	8658.30*
CL 42	1.27	0.64	9.1	1.0	6.9	4.1	408	8659.10*
CL 43	1.27	0.64	9.1	1.5	6.1	4.1	408	8660.15*
CL 44	1.27	0.64	9.1	2.0	5.6	4.1	408	8661.20*
CL 45	1.0	0.5	6.1	1.0	4.7	2.8	406	8662.10*
CL 46	1.0	0.5	6.1	1.5	4.4	2.8	406	8663.15*

*Available in CuBe and stainless steel
 Electroplating on request

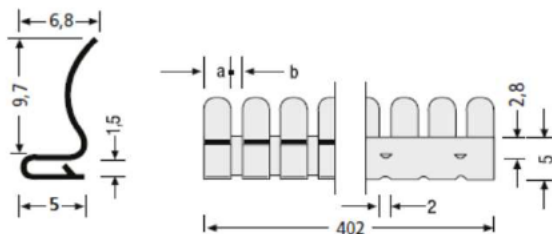


Form CL 47 – CL 49
 material thickness: 0.08 mm

Form	a mm	b mm	A mm	B mm	D mm	H mm	l mm	Part-No.
CL 47	3.8	0.4	4.8	0.8	3.0	1.3	306	8664.08*
CL 48	3.8	0.4	4.8	1.0	2.8	1.3	306	8665.10*
CL 49	3.8	0.4	4.8	1.5	2.3	1.3	306	8666.15*

*Available in CuBe and stainless steel
 Electroplating on request

CONTACT FINGERS (clip-on)

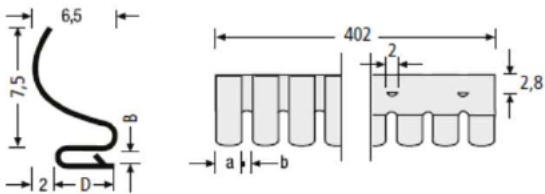


Form CL 53
 material thickness: 0.127 mm

Form	a mm	b mm	Part-No.
CL 53	3.6	1.2	8953.15*

D-lances standard, without lances optional
 *Available in CuBe and stainless steel
 Electroplating on request

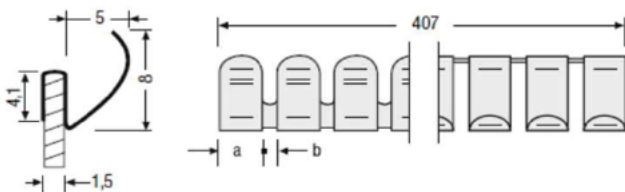
CONTACT FINGERS (clip-on)



Form CL 54
material thickness: 0.127 mm

Form	a mm	b mm	B mm	D mm	Order-No.
CL 54	3.6	1.2	0.8	5.2	8954.08*
CL 54-1	3.6	1.2	1.0	5.1	8954.10*
CL 54-2	3.6	1.2	1.5	5.1	8954.15*
CL 54-3	3.6	1.2	2.0	5.2	8954.20*
CL 54-4	3.6	1.2	3.0	5.1	8954.30*

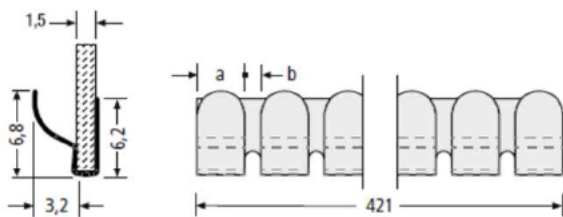
*Available in CuBe and stainless steel
Electroplating on request



Form CL 55
material thickness: 0.127 mm

Form	a mm	b mm	Part-No.
CL 55	3.6	1.2	8955.15*

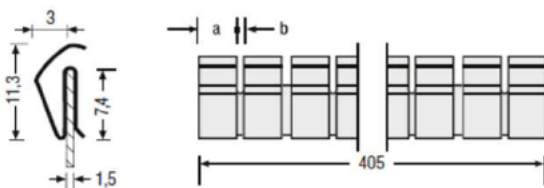
*Available in CuBe and stainless steel
Electroplating on request



Form CL 56
material thickness: 0.127 mm

Form	a mm	b mm	Part-No.
CL 56	3.6	1.2	8956.15*

*Available in CuBe and stainless steel
Electroplating on request

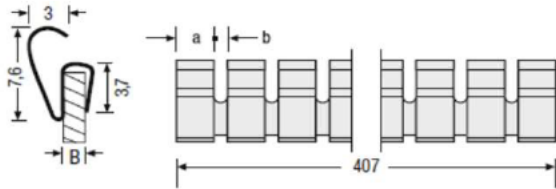


Form CL 57
material thickness: 0.08 mm

Form	a mm	b mm	Part-No.
CL 57	5.31	1.04	8669.15*

D-lances standard, without lances optional
*Available in CuBe and stainless steel
Electroplating on request

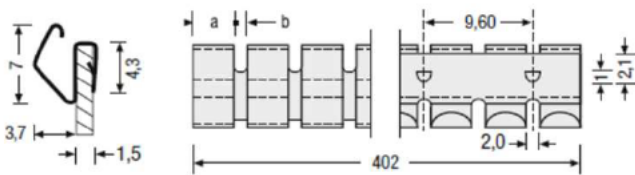
CONTACT FINGERS (clip-on)



Form CL 58
material thickness: 0.127 mm

Form	a mm	b mm	B mm	Part-No.
CL 58	3.6	1.2	1.5	8918.15*
CL 58-1	3.6	1.2	2.0	8918.20*

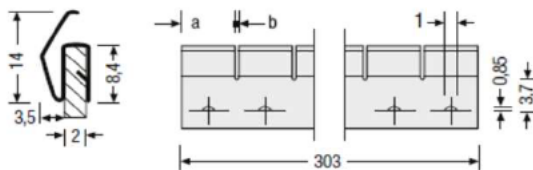
*Available in CuBe and stainless steel
Electroplating on request



Form CL 59
material thickness: 0.127 mm

Form	a mm	b mm	Part-No.
CL 59	3.6	1.2	8917.15*

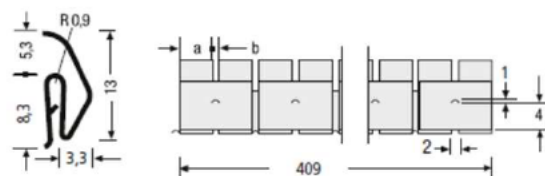
D-lances standard, without lances optional
*Available in CuBe and stainless steel
Electroplating on request



Form CL 60
material thickness: 0.10 mm

Form	a mm	b mm	Part-No.
CL 60	9	0.8	8913.20*

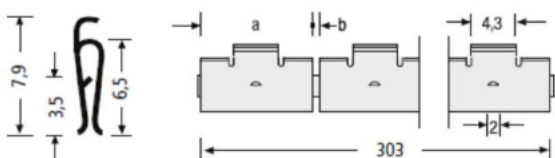
*Available in CuBe and stainless steel
Electroplating on request



Form CL 61
material thickness: 0.127 mm

Form	a mm	b mm	B** mm	Part-No.
CL 61	5.6	0.8	1.5	8914.15*

*Available in CuBe and stainless steel
**Clip width in mounted condition
Electroplating on request

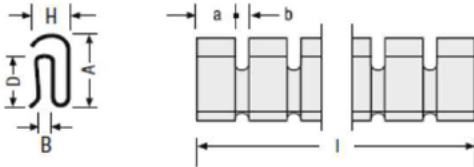


Form CL 62
material thickness: 0.08 mm

Form	a mm	b mm	B** mm	Part-No.
CL 62	12.68	1.14	1.8	8915.18*

*Available in CuBe and stainless steel
**Clip width in mounted condition
Electroplating on request

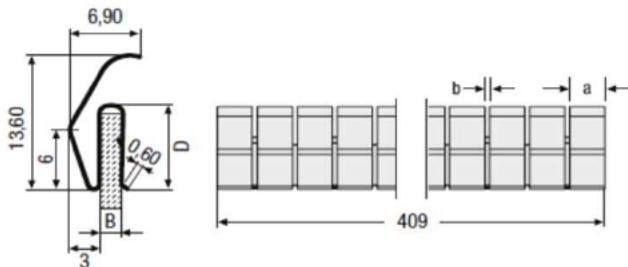
CONTACT FINGERS (clip-on)



Form CL 63
 material thickness:
 CL63 - CL63-1 : 0.08 mm
 CL63-2 - CL63-3 : 0.127 mm

Form	a mm	b mm	H mm	A mm	B** mm	D mm	l mm	Part-No.
CL 63	3.0	1.0	2.8	6.1	1.5	3.85	407	8916.15*
CL 63-1	3.0	1.0	2.8	6.0	2.0	3.5	407	8916.20*
CL 63-2	4.0	1.0	7.2	11.9	1.5	7.5	409	8919.15**
CL 63-3	4.0	1.0	7.2	20.0	1.75	7.5	409	8919.18**

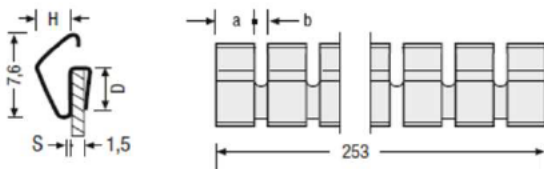
*Available in CuBe and stainless steel
 **Clip width in mounted condition
 ***optionally available with lances
 Electroplating on request



Form CL 64
 material thickness: 0.127 mm

Form	a mm	b mm	B mm	D mm	Part-No.
CL 64	5.6	0.8	2	8.6	8924.20*

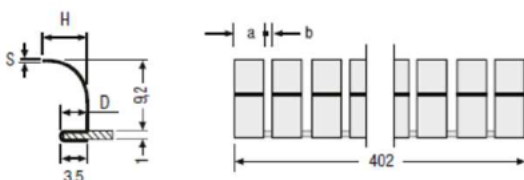
*Available in CuBe and stainless steel
 Electroplating on request



Form CL 65 – CL 66

Form	a mm	b mm	H mm	D mm	S mm	Part-No.
CL 65	3.0	0.8	2.8	3.6	0.09	8922.15*
CL 66	3.6	1.2	2.85	3.7	0.127	8923.15*

*Available in CuBe and stainless steel
 Electroplating on request

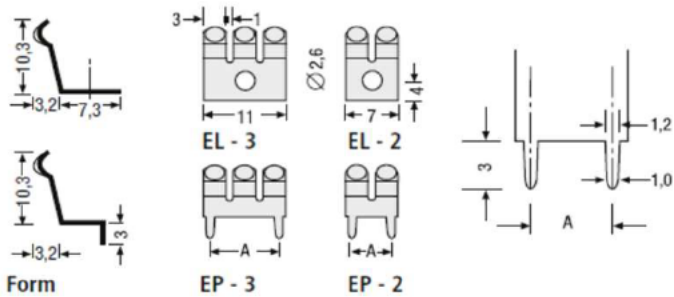


Form CL 67

Form	a mm	b mm	H mm	D mm	S mm	Part-No.
CL 67	3.6	1.2	5.7	3.5	0.127	8952.10*

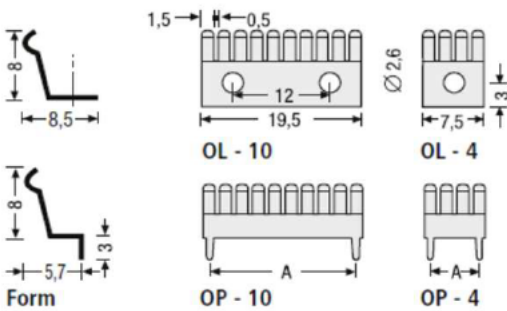
*Available in CuBe and stainless steel
 Electroplating on request

CONTACT FINGERS (with hole/pins)



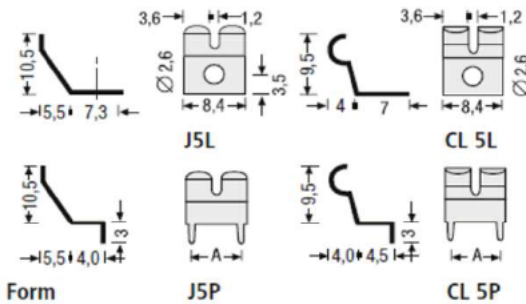
Form	Number of Fingers	A mm	Part-No.
EL - 3	3	-	8920*
EL - 2	2	-	8921*
EP - 3	3	10	8925*
EP - 2	2	5	8926*

material thickness: 0.2 mm
 *Available in CuBe and stainless steel
 Electroplating on request



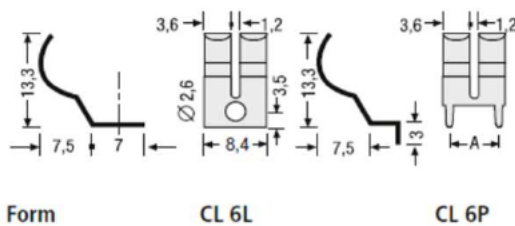
Form	Number of Fingers	A mm	Part-No.
OL	10	-	8930*
	4	-	8931*
OP	10	17.5	8935*
	4	5	8936*

material thickness: 0.15 mm
 *Available in CuBe and stainless steel
 Electroplating on request



Form	Number of Fingers	A mm	Part-No.
J 5 L	2	-	8940*
J 5 P	2	5	8941*
CL 5 L	2	-	8945*
CL 5 P	2	5	8946*

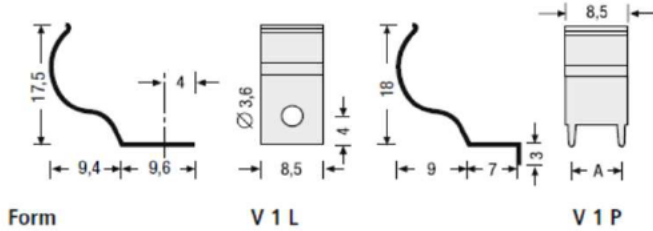
material thickness: 0.127 mm
 *Available in CuBe and stainless steel
 Electroplating on request



Form	Number of Fingers	A mm	Part-No.
CL 6 L	2	-	8950*
CL 6 P	2	5	8955*

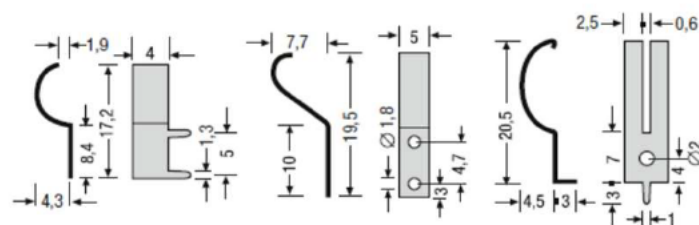
material thickness: 0.127 mm
 *Available in CuBe and stainless steel
 Electroplating on request

CONTACT FINGERS (with hole/pins)



Form	Number of Fingers	A mm	Part-No.
V 1 L	1	-	8960*
V 1 P	1	5	8965*

material thickness: 0.127 mm
 *Available in CuBe and stainless steel
 Electroplating on request

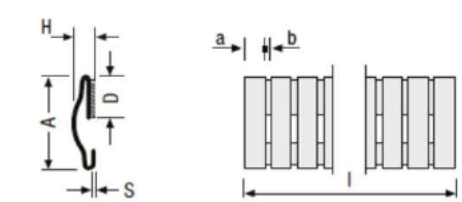


Form	Number of Fingers	A mm	Part-No.
L P P links	1	-	8970*
L P P rechte	1	-	8971*
L P L	1	-	8980*
L P L P	2	-	8990*

material thickness: 0.15 mm
 *Available in CuBe and stainless steel
 Electroplating on request

Form L P P
 (L P L curve left or right possible)

LOW PROFILE GASKETS

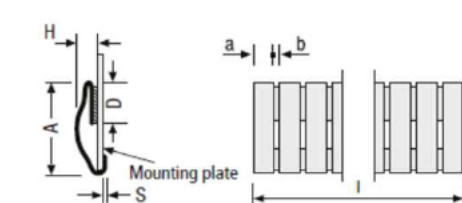


Form	a mm	b mm	D mm	H mm	A mm	S mm	I mm	Part-No.
NP 2	2.54	0.64	6.0	2.0	11.4	0.05	406	2001
NP 3	2.54	0.64	8.2	3.0	15.2	0.05	406	2002

With double-sided adhesive tape

Form NP 2-3

LOW PROFILE GASKETS (hook-on)

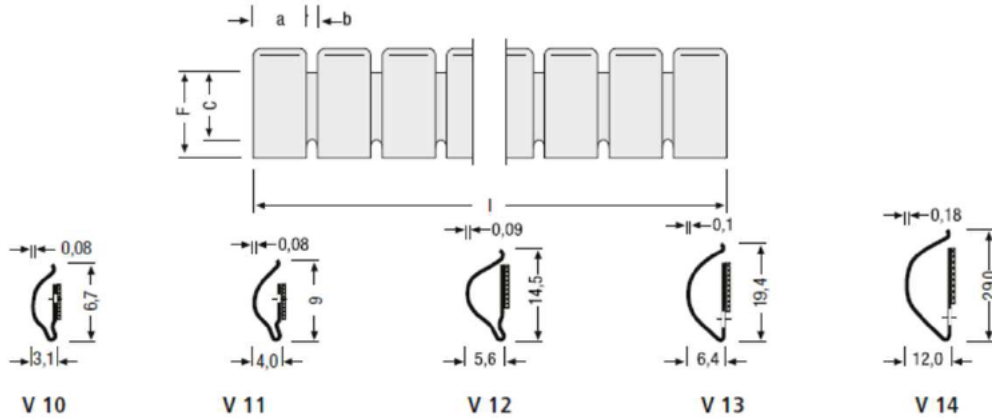


Form	a mm	b mm	D mm	H mm	A mm	S mm	I mm	Part-No.
NPH 1	2.54	0.64	6.0	1.5	11.4	0.05	406	2003
NPH 2	2.54	0.64	8.2	2.3	15.2	0.05	406	2004

With double-sided adhesive tape

Form NPH 1-2

CURVED FINGERS



Form

V 10

V 11

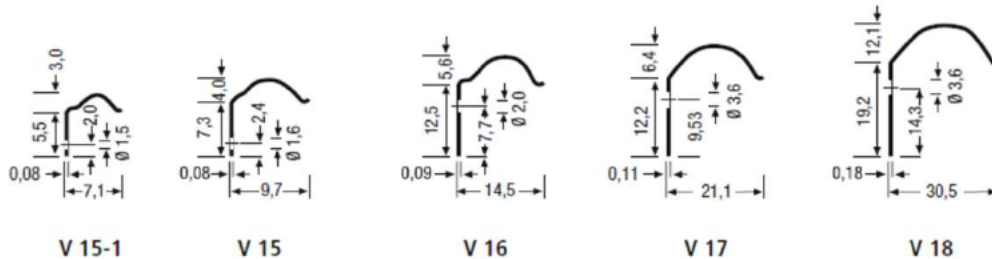
V 12

V 13

V 14

Form	a mm	b mm	c mm	F mm	l mm	Part-No. mm
V 10	4.32	0.46	3.85	5.5	406	9001*
					endless	9002*
V 11	5.8	0.56	3.85	7.5	406	9003*
					endless	9004*
V 12	8.71	0.81	10.00	12.60	608	9005*
					endless	9006*
V 13	8.51	1.02	10.00	12.00	609	9007*
V 14	11.68	1.02	17.00	19.9	304	9009*

*CuBe as standard. Also available in stainless steel on request
Electroplating on request
With adhesive tape



Form

V 15-1

V 15

V 16

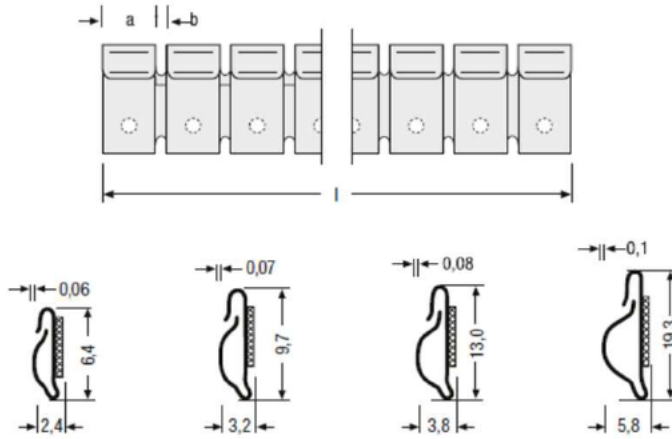
V 17

V 18

Form	a mm	b mm	l mm	Part-No.
V 15-1	4.32	0.46	406	9019*
V 15	5.79	0.56	406	9020*
V 16	8.72	0.81	609	9021*
V 17	8.51	1.02	305	9022*
V 18	11.68	1.02	304	9023*

*CuBe as standard. Also available in stainless steel on request
Electroplating on request
With adhesive tape

SLIPPY FINGERS



Form V 19 V 20 V 21 V 22

Form	a mm	b mm	ø mm	l mm	Part-No.
V 19	4.3	0.46	1.5	409	9030*
V 20	4.32	0.46	1.5	406	9032*
V 21	5.79	0.56	1.57	406	9034*
V 22	8.71	0.81	2	610	9036*

* only available in CuBe
Electroplating on request
With adhesive tape

Description

Curved fingers and slippy fingers are versatile shields that can be used to very effectively shield enclosures, cabinets and panels against interference radiation. The space requirement is minimal and the assembly is extremely simple, as the underside of the spring is equipped with double-sided adhesive tape.

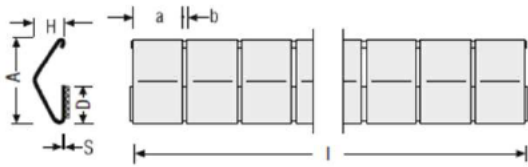
Extensive soldering, riveting or bolting is therefore not necessary.

The measured attenuation values are excellent. Magnetic field: at 14 KHz more than 46 dB.

Plane waves: at 10 GHz approx. 108 dB.

Slippy fingers are a further development of the curved fingers, whereby the free part of the finger is retained within a flap and is therefore protected against damage. As compression increases, the fingers will slide further into the flap.

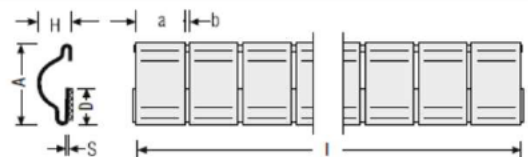
GROUNDING AND SHIELD STRIPS



Form W 1 - W 5

Form	a mm	b mm	A mm	D mm	H mm	S mm	l mm	Part-No.
W1	4.3	0.5	8.0	5.0	2.8	0.05	408	9040*
W2	5.7	0.6	9.4	5.3	3.3	0.05	409	9041*
W3	8.7	0.8	15.2	7.2	5.7	0.08	607	9042*
W4	8.7	0.8	19.8	11.2	8.1	0.10	455	9043*
W5	11.7	1.0	27.9	19.8	10.4	0.10	456	9044*

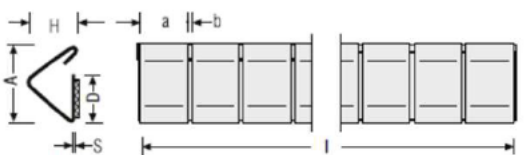
*Available in CuBe and stainless steel
Electroplating on request
With adhesive tape



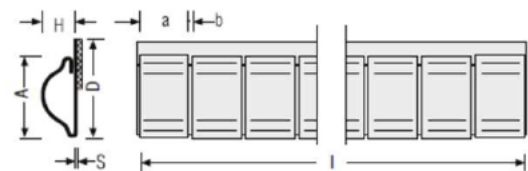
Form W 6 - W 9

Form	a mm	b mm	A mm	D mm	H mm	S mm	l mm	Part-No.
W6	3.5	0.45	8.1	5.4	2.5	0.09	406	9045
W7	5.7	0.6	9.4	5.25	3.3	0.09	406	9046
W8	3.9	0.8	15.2	7.4	5.6	0.09	457	9047
W9	8.7	0.8	15.2	7.4	5.6	0.09	457	9048
W10	5.7	0.6	8.4	5.45	5.15	0.05	409	9049*

*Available in CuBe and stainless steel
Electroplating on request
With adhesive tape



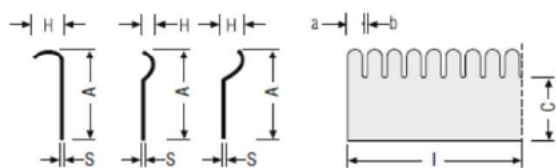
Form W 10



Form W 12

Form	a mm	b mm	A mm	D mm	H mm	S mm	l mm	Part-No.
W12	8.71	0.81	15.2	19.8	5.6	0.09	456	9051

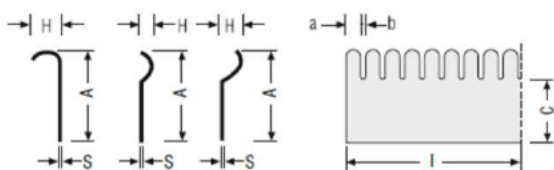
Only available in CuBe.
Electroplating on request
With adhesive tape



Form J 1 J 2 J 3

Form	a mm	b mm	A mm	C mm	H mm	S mm	l mm	Part-No.
J1	3.6	1.2	19.6	16.0	5.8	0.127	407	9060*
J2	3.6	1.2	22.6	16.0	2.3	0.127	407	9061*
J3	3.6	1.2	22.6	16.0	3.0	0.127	407	9062*

*Available in CuBe and stainless steel
Electroplating on request

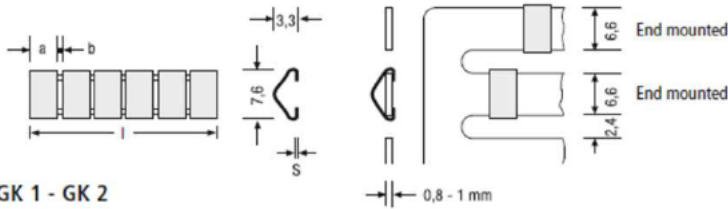


Form J 4 J 5 J 6

Form	a mm	b mm	A mm	C mm	H mm	S mm	l mm	Part-No.
J4	3.6	1.2	21.6	15.0	2.2	0.127	407	9063*
J5	3.6	1.2	23.4	16.0	2.3	0.127	407	9064*
J6	3.6	1.2	23.4	16.0	2.3	0.127	407	9065*

*Available in CuBe and stainless steel
Electroplating on request

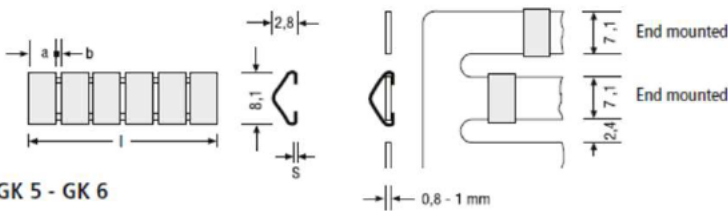
SLOT-MOUNT SHIELDS



Form GK 1 - GK 2

Form	a mm	b mm	S mm	l mm	Part-No.
GK 1	4.3	0.5	0.05	407	9701*
GK 2	4.3	0.5	0.09	403	9702*

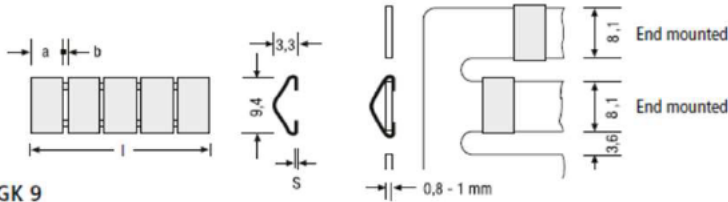
*Available in CuBe and stainless steel
Electroplating on request



Form GK 5 - GK 6

Form	a mm	b mm	S mm	l mm	Part-No.
GK 5	4.3	0.5	0.05	403	9705*
GK 6	4.3	0.5	0.09	407	9706*

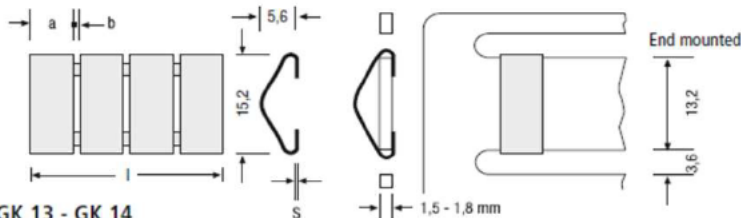
*Available in CuBe and stainless steel
Electroplating on request



Form GK 9

Form	a mm	b mm	S mm	l mm	Part-No.
GK 9	5.7	0.6	0.05	403	9709*

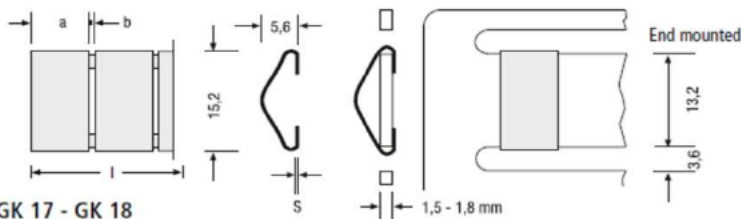
*Available in CuBe and stainless steel
Electroplating on request



Form GK 13 - GK 14

Form	a mm	b mm	S mm	l mm	Part-No.
GK 13	6.4	0.8	0.08	457	9713*
GK 14	6.4	0.8	0.127	457	9714*

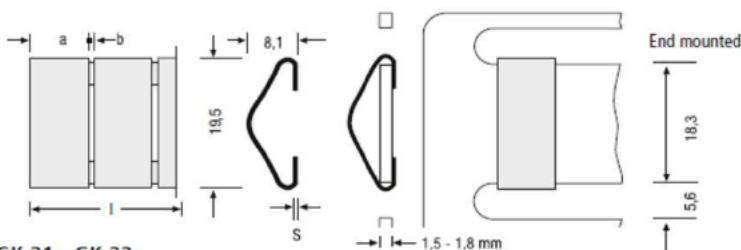
*Available in CuBe and stainless steel
Electroplating on request



Form GK 17 - GK 18

Form	a mm	b mm	S mm	l mm	Part-No.
GK 17	8.7	0.8	0.05	398	9717*
GK 18	8.7	0.8	0.08	398	9718*

*Available in CuBe and stainless steel
Electroplating on request



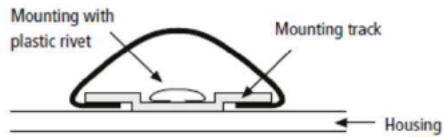
Form GK 21 - GK 22

Form	a mm	b mm	S mm	l mm	Part-No.
GK 21	8.7	0.8	0.08	398	9721*
GK 22	8.7	0.8	0.10	398	9722*

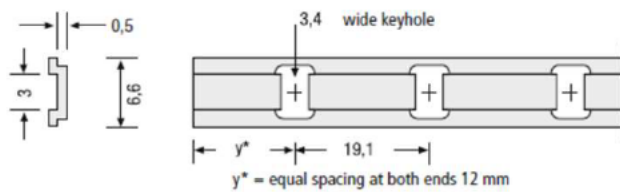
*Available in CuBe and stainless steel
Electroplating on request

MOUNTING TRACKS

Mounting on riveted track

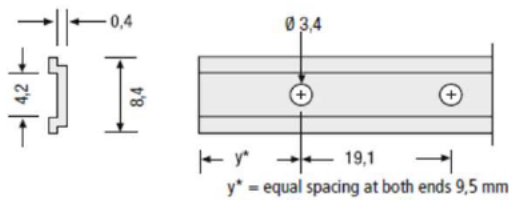


The slot-mount shields can be mounted directly on the housing panel or alternatively on a mounting track with T-end-pieces.



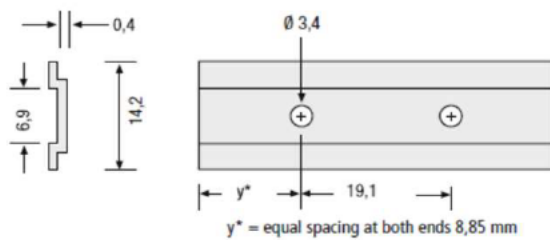
Mounting track	l mm	Part-No.
MS 2 for GK 1 - 6	406	E9730*

Material: stainless steel



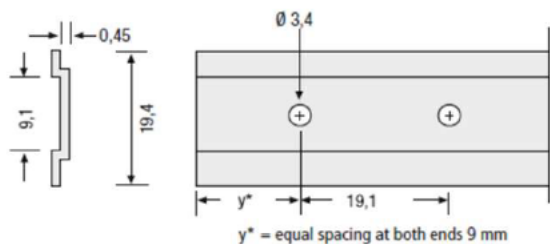
Mounting track	l mm	Part-No.
MS 3 for GK 9	401	9735*

Material: brass, bright finish



Mounting track	l mm	Part-No.
MS 4 for GK 13 - 18	457	9740*

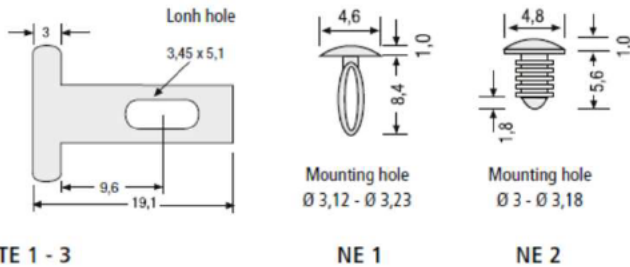
Material: brass, bright finish



Mounting track	l mm	Part-No.
MS 5 for GK 21 - 22	400	9745*

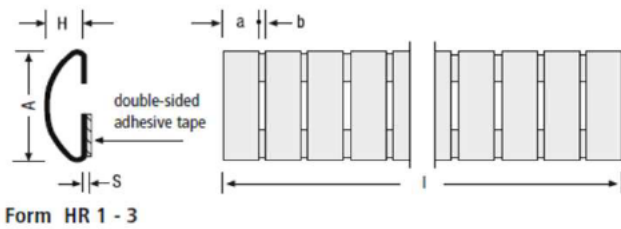
Material: brass, bright finish
Also available in stainless steel on request

MOUNTING ACCESSORIES



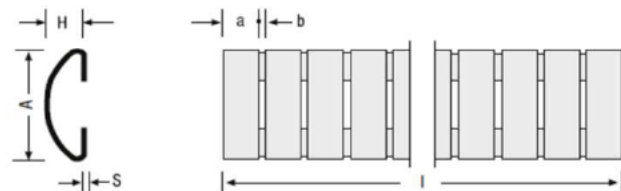
T-end-piece	Part-No.
TE 1 for GK 9	9750
TE 2 for GK 13 - 18	9751
TE 3 for GK 21 - 22	9752
Plastic rivet	
NE 1 for Sheet thickness 0.5 - 1.5 mm	9754
NE 2 for Sheet thickness 0.5 - 1.5 mm	9755

HALF-ROUND with Tape or Tracks



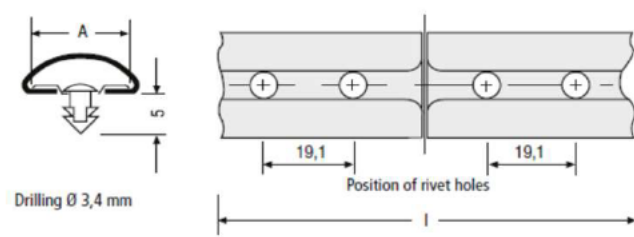
Form	a mm	b mm	A mm	H mm	S mm	l mm	Part-No.
HR 1	4.3	0.5	9.1	2.8	0.08	383	9760*
HR 2	5.8	0.6	11.4	3.6	0.08	383	9761*
HR 3	8.7	0.8	15.8	5.5	0.10	379	9762*

*Available in CuBe and stainless steel
Electroplating on request



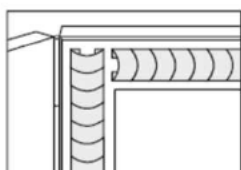
Form	a mm	b mm	A mm	H mm	S mm	l mm	Rivet Number	Part-No.
HR 6	4.3	0.5	9.1	2.8	0.08	383	10	9763*
HR 7	5.8	0.6	11.7	3.6	0.08	383	10	9764*
HR 8	8.7	0.8	15.8	5.5	0.10	379	10	9765*

For mounting tracks
*Available in CuBe and stainless steel
Electroplating on request

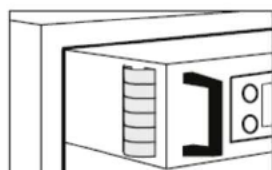


Form	A mm	l mm	Part-No.
MS 6	8.6	383	9766*
MS 7	11.4	383	9767*
MS 8	15.2	381	9768*

Material: brass, bright finish



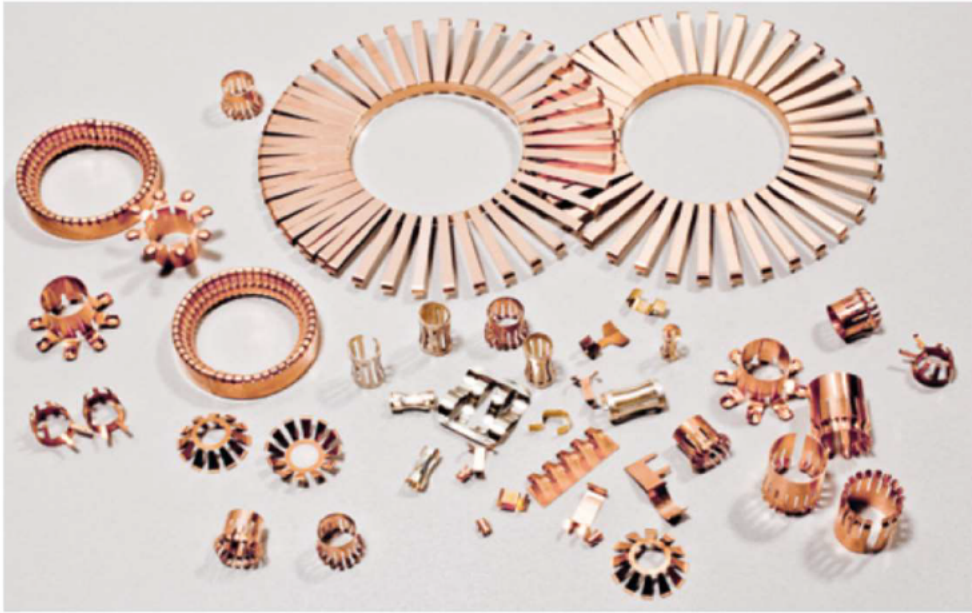
HR 1 - HR 3



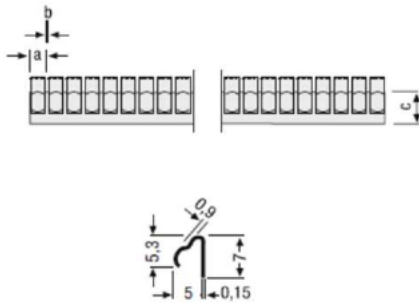
HR 6 - HR 8

Mounting examples

CONTACT RINGS



Manufacturing of customized rings is possible, suitable spring geometry provided. Rings from contact springs are available either closed (spot-welded) or open.

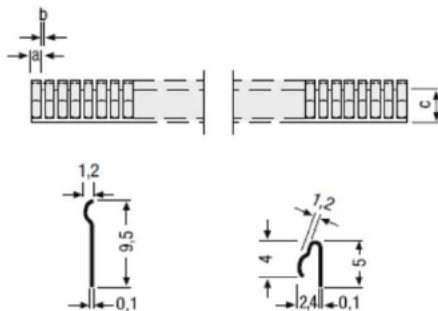


Form

Q

Base strips for rings

Form	a mm	b mm	c mm	Part-No.
Q	1.5	0.5	5.5	R.8116*



Form

R

S

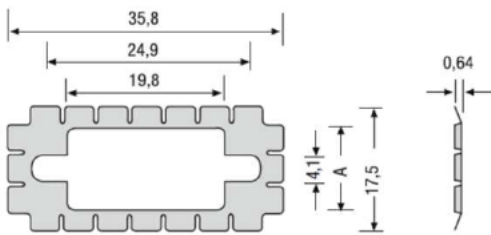
Form	a mm	b mm	c mm	Part-No.
R	1.0	0.5	3.2	R.8117*
S	1.0	0.5	3.2	R.8118*

Further variations on request.

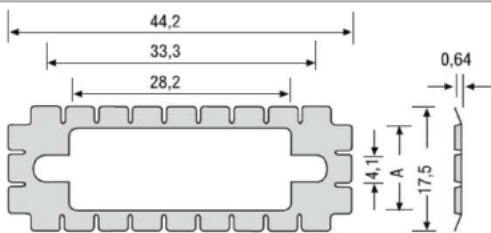
D-CONNECTOR SHIELDS



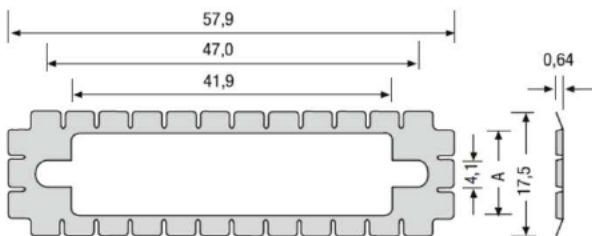
Gasket for grounding and shielding of D-Sub connectors with 9, 15, 25, 37 and 50 pins.
 With 20° angled contact fingers.
 Material: beryllium copper or stainless steel
 Surface finishing available on request.



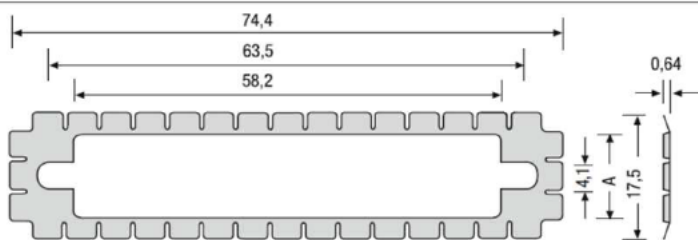
	A	Part-No.	
Pins	mm	Stainless Steel	CuBe
9	11.2	9506	9526
	8.9	9507	9527



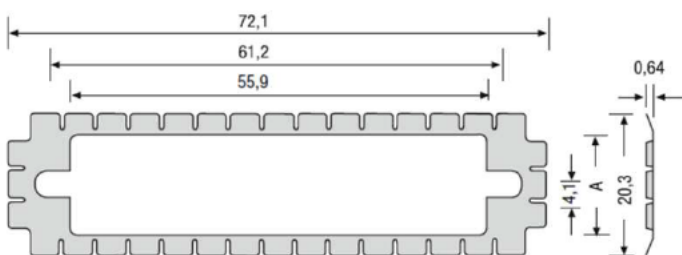
	A	Part-No.	
Pins	mm	Stainless Steel	CuBe
15	11.2	9508	9528
	8.9	9509	9529



	A	Part-No.	
Pins	mm	Stainless Steel	CuBe
25	11.2	9510	9530
	8.9	9511	9531



	A	Part-No.	
Pins	mm	Stainless Steel	CuBe
37	11.2	9512	9532
	8.9	9513	9533



	A	Part-No.	
Pins	mm	Stainless Steel	CuBe
50	14.0	9514	9534
	11.4	9515	9535